Product Environmental Profile

PEP for HW+ ACB range including terminals : HW1, HW2, HW4 all type

Company information

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References covered

HW1xxxxxx, HW2xxxxxx, HW4xxxxxx, HF1E316DCGH-MTS ,HF1E316DEGH-MTS ,HF1E316FCGH-MTS ,HF1E316FEGH-MTS ,HF1E416DCGH-MTS ,HF1E416DEGH-MTS ,HF1E416FCGH-MTS ,HF1E416FEGH-MTS ,HF1W316DSAH-MTS ,HF1W316FSAH-MTS ,HF1W416DSAH-MTS ,HF1W412FSAF-MTS ,HF1M412FCFF-MTS ,HF1W416FSAF-MTS ,HF1M416FCGF-MTS ,HF1W416FSAH-MTS , ,HF2S325DCIH-MTS ,HF2S325DEIH-MTS ,HF2S425DCIH-MTS ,HF2S425DEIH-MTS ,HF2W325DSAH-MTS ,HF2W425DSAH-MTS ,HF2W420FSAI-MTS ,HF2E420FCHI-MTS ,HF2S325FCIH-MTS ,HF2S325FEIH-MTS ,HF2S425FCIH-MTS ,HF2S425FEIH-MTS ,HF2W325FSAH-MTS ,HF2W425FSAH-MTS ,HF2W425FSAI-MTS ,HF2E425FCII-MTS ,HF4P340DCKH-MTS ,HF4P340DEKH-MTS ,HF4P440DCKH-MTS ,HF4P440DEKH-MTS ,HF4W340DSAH-MTS ,HF4W440DSAH-MTS ,HF4P340FCKH-MTS ,HF4P340FEKH-MTS ,HF4P440FCKH-MTS ,HF4P440FEKH-MTS ,HF4W340FSAH-MTS ,HF4W440FSAH-MTS ,HF4W432FSAI-MTS ,HF4W440FSAI-MTS ,HF4S432FCJI-MTS ,HF4S440FCKI-MTS
and terminals: HWY001H, HWY002H, HWY005H, HWY006H, HWY040H, HWY041H, HWY044H, HWY045H, HWY046H, HWY047H, HWY048H, HWY049H, HWY058H, HWY059H, HWY068H, HWY069H, HWY158H, HWY159H, HWY160H, HWY161H, HWY168H, HWY169H, HWY040HSA, HWY041HSA, HWY044HSA, HWY045HSA, HWY046HSA, HWY047HSA, HWY048HSA, HWY049HSA, HWY058HSA, HWY059HSA, HWY068HSA, HWY069HSA, HWY158HSA, HWY159HSA, HWY160HSA, HWY161HSA, HWY168HSA, HWY169HSA, HWY140HSA, HWY141HSA, HWY144HSA, HWY145HSA, HWY150HSA, HWY151HSA, HWY162H, HWY162HSA, HWY163H, HWY163HSA

Methodology

PEP has been performed according to the PCR version PEP-PCR-ed4-2021 09 06 and PSR version PSR-0005-ed3.1-2023 12 08 issued by the PEP ecopassport program.
For further information, please see the website of the program www.pep-ecopassport.org

Reference product

Reference product identification
HW1M312DB + HWY048Hx2 + HW1EC3EH

Use scenario based on :
PSR product Category : PSR-0005-ed3.1-2023 12 08
3.1 Circuit-breakers

Functional unit

Protect during 20 years the installation against overloads and short-circuits in circuit with assigned voltage 440-690V and rated current 400A-1600A. This protection is ensured in accordance with the following parameters:
- Number of poles 3P, Rated breaking capacity 42kA/55kA/66kA at 440V, Rated breaking capacity 42kA at 690V,sentinel trip unit LI / LSI / LSIG, sentinel Energy trip unit LSI/LSIG

The functional unit is based on the use scenario recommended by the PCR for the category of the reference product.

Materials and substances

All useful measures have been adopted to ensure that the materials used in the composition of the product do not contain any substances banned by the legislation in force at the time of marketing.

Plastics			Metals			Others		
	g	%		g	%		g	%
PA66	1704.80	3.0%	Copper	13473.43	23.4%	Wood	16970.47	29.5%
PET	945.48	1.6%	Steel	11257.72	19.5%	Cardboard	3219.18	5.6%
PC	892.82	1.6%	Brass	941.20	1.6%	Calcium Carbonate	2370.41	4.1%
PE-LD	417.78	0.7%	Stainless steel	868.17	1.5%	Glass	2006.92	3.5%
Silicon rubber	359.49	0.6%	Other	863.59	1.5%	Melamine cyanurate	499.10	0.9%
Other	254.82	0.4%				Other	555.79	1.0%
Total mass of reference product with raw material packaging :			**57601.17 g**					
Total mass of reference product (Product + packaging)			**54818.94 g**					

System Boundaries

The environmental information included in the PEP covers all the stages of the life cycle, from "cradle to grave".

Manufacturing			Distribution	Installation	Use							End of life				Module D
Raw material extraction and processing	Transport to the manufacturer	Manufacturing	Distribution to the place of operation	Installation on the place of operation	Use or application of the product installed	Maintenance	Repair	Replacement	Restoration	Energy requirements during the use stage	Water requirements during the use stage	Deinstallation	Transport to the waste treatment site	Treatment of waste in view of its reuse, recovery and/or recycling	Disposal	Benefits and loads beyond the system boundaries
A1	A2	A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
Life cycle stages																

Manufacturing

These products are manufactured by a site that has received an environmental certification ISO 14001.

This phase takes into account raw materials, manufacturing processes, production offcuts and their end-of-life treatment, upstream transport of materials and sub-assemblies to the manufacturing site, and transport from the manufacturing site to the final logistics platform.

Distribution

The packaging has been designed in accordance with current regulations. In particular, the European directive 94/62/CE relative to packaging and packaging waste.

The used packaging is 100% recyclable or recoverable.
Packaging and logistic flows are continuously improved in order to reduce their impact.

This phase taken into account the transport of the finished product, including packaging, to its place of use.

Installation

Installation processes

The processes to install the product are not considered in this study because of their weak impact compared to the other life cycles steps.

This phase only take into account the impact of the the packaging waste treatment is taken into account.

Installation elements (non delivered with the product)

Elements non delivered with the product and needed to install the product are not considered.

Use

Power loss / load dependent			
Active mode		Inactive mode	
Watt	% of time	Watt	% of time
59.3	30%	0	70%

Power consumption / not load dependent					
Active Sleep phase		Passive Sleep phase		Turn off phase	
Watt	% of time	Watt	% of time	Watt	% of time
0	0%	0.34	100%	0	0%

This corresponds to a total energy consumption of 3176.38 kWh for the use span of 20 years.

Energy model of the use phase :

Europe

Consumables and maintenance :

None

End of life

Considering the complexity of the recycling channels for electric and electronic equipment impacts, we rely mainely on ESR modules (datasets for WEEE product end of life).

The recycling potential of the product is: 47%. The calculation of this rate is based on the method of the IEC/TR 62635.

Environmental impacts

Evaluation of the environmental impact covers the following life cycle stages: raw materials + manufacturing (RMM), distribution (D), installation (I), use (U) and end of life (EoL).

All calculations are done with EIME software version 6.2.4-12 with the database version CODDE® 2024-04 .
Indicators set : Indicators for PEF EF 3.1 (Compliance: PEP ed.4, EN15804+A2) v2.0
PEP representative of the covered products marketed in: Europe
Energy models considered for each phase

Manufacturing A1-A3	Distribution A4	Installation A5	Use B1-B7	End Of Life C1-C4
Europe	-	Europe	Europe	Europe

Environmental impact indicators

Indicators	Unit	Manufacturing A1-A3	Distribution A4	Installation A5	Use B1-B7	End Of Life C1-C4	GLOBAL	Module D
Acidification (PEF-AP)	mole H+ eq.	5.33E+00	8.84E-02	1.34E-02	6.72E+00	6.07E-01	1.28E+01	5.65E-01
Climate change - Total (PEF-GWP)	kg CO2 eq.	3.02E+02	1.01E+01	3.11E+01	1.28E+03	4.17E+01	1.67E+03	2.15E+01
Climate change-Biogenic (PEF-GWPb)	kg CO2 eq.	-1.84E+01	0.00E+00	1.69E+01	2.84E+01	1.11E+01	3.80E+01	1.52E+00
Climate change-Fossil (PEF-GWPf)	kg CO2 eq.	3.21E+02	1.01E+01	1.42E+01	1.26E+03	3.06E+01	1.63E+03	2.00E+01
Climate change-Land use and land use change (PEF-GWPlu)	kg CO2 eq.	1.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03	0.00E+00
Ecotoxicity, freshwater (PEF-CTUe)	CTUe	3.65E+04	6.57E+00	6.72E+01	1.92E+03	2.93E+02	3.88E+04	2.77E+02
EF-particulate Matter (PEF-PM)	Incidence of diseases	3.03E-05	6.33E-07	7.03E-08	5.26E-05	1.62E-06	8.53E-05	1.39E-06
Eutrophication, freshwater (PEF-Epf)	kg P eq.	2.30E-02	3.77E-06	8.02E-05	3.08E-03	5.34E-04	2.67E-02	-1.53E-03
Eutrophication, marine (PEF-Epm)	kg N eq.	7.18E-01	3.45E-02	1.03E-02	7.86E-01	4.13E-01	1.96E+00	4.05E-01
Eutrophication, terrestrial (PEF-Ept)	mole of N eq.	7.89E+00	3.78E-01	4.80E-02	1.26E+01	3.10E-01	2.12E+01	2.25E-01
Human toxicity, cancer (PEF-CTUh-c)	CTUh	1.73E-05	1.75E-10	3.02E-07	1.59E-07	6.69E-08	1.78E-05	4.67E-08
Human toxicity, non-cancer (PEF-CTUh-nc)	CTUh	4.63E-05	3.43E-09	2.07E-08	3.76E-06	4.50E-06	5.45E-05	4.18E-06
Ionising radiation, human health (PEF-IR)	kg Bq U235 eq.	5.07E+03	2.43E-02	4.19E-01	1.68E+03	1.48E+00	6.75E+03	1.33E+00
Land use (PEF-LU)	No dimension	7.31E+01	0.00E+00	6.37E-03	3.40E+01	1.08E+02	2.16E+02	-3.55E+01
Ozone depletion (PEF-ODP)	kg CFC-11 eq.	6.86E-05	1.53E-08	5.23E-08	5.50E-06	2.70E-06	7.68E-05	2.41E-06
Photochemical ozone formation - human health (PEF-POCP)	kg of NMVOC eq.	2.27E+00	9.58E-02	1.49E-02	2.49E+00	1.08E-01	4.98E+00	8.66E-02
Resource use, fossils (PEF-ADPf)	MJ	7.21E+03	1.40E+02	3.34E+01	3.08E+04	3.45E+02	3.85E+04	3.08E+02
Resource use, minerals and metals (PEF-ADPe)	kg Sb eq	1.18E-01	3.95E-07	-7.72E-08	4.16E-04	-9.90E-05	1.18E-01	-5.17E-05
Water use (PEF-WU)	m3 eq.	2.10E+02	3.80E-02	7.47E-01	9.73E+01	9.67E+03	9.97E+03	8.94E+03

Resource use indicators

Indicators	Unit	Manufacturing A1-A3	Distribution A4	Installation A5	Use B1-B7	End Of Life C1-C4	GLOBAL	Module D
Net use of fresh water	m3	4.89E+00	8.84E-04	1.74E-02	2.27E+00	2.59E+02	2.67E+02	2.41E+02
Total primary energy	MJ	7.80E+03	1.40E+02	1.06E+02	3.80E+04	3.89E+02	4.64E+04	3.31E+02
Total non renewable primary energy	MJ	7.21E+03	1.40E+02	3.34E+01	3.08E+04	3.45E+02	3.85E+04	3.08E+02
Total renewable primary energy	MJ	5.97E+02	1.86E-01	7.30E+01	7.21E+03	4.40E+01	7.92E+03	2.27E+01
Non renewable primary energy used as energy	MJ	7.03E+03	1.40E+02	3.34E+01	3.08E+04	3.45E+02	3.83E+04	3.08E+02
Non renewable primary energy used as raw material	MJ	1.78E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E+02	0.00E+00
Use of non renewable secondary fuels	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Renewable primary energy used as energy	MJ	2.16E+02	1.86E-01	7.30E+01	7.21E+03	4.40E+01	7.54E+03	2.27E+01
Renewable primary energy used as raw material	MJ	3.81E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E+02	0.00E+00
Use of renewable secondary fuels	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Use of secondary material	kg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Waste category indicators

Indicators	Unit	Manufacturing A1-A3	Distribution A4	Installation A5	Use B1-B7	End Of Life C1-C4	GLOBAL	Module D
Hazardous waste disposed	kg	2.51E+03	0.00E+00	6.15E-02	3.54E+01	-1.17E+00	2.55E+03	-6.54E-07
Non hazardous waste disposed	kg	9.57E+01	3.51E-01	1.26E+01	1.94E+02	1.57E+01	3.18E+02	-2.34E-04
Radioactive waste disposed	kg	4.98E-02	2.49E-04	3.52E-04	4.56E-02	3.82E-04	9.64E-02	-1.54E-07

Output flow indicators

Indicators	Unit	Manufacturing A1-A3	Distribution A4	Installation A5	Use B1-B7	End Of Life C1-C4	GLOBAL	Module D
Components for re-use	kg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Exported energy	MJ	4.62E-01	0.00E+00	5.26E+00	0.00E+00	0.00E+00	5.72E+00	0.00E+00
Materials for energy recovery	kg	6.25E-01	0.00E+00	5.09E+00	0.00E+00	1.75E-04	5.72E+00	0.00E+00
Materials for recycling	kg	5.11E+00	0.00E+00	4.91E+00	0.00E+00	0.00E+00	1.00E+01	0.00E+00

Biogenic carbon content

Packaging	Unit	Cardboard	Paper	Wood	Sum
Biogenic carbon content (ratio)	%	2.80E+01	3.78E+01	3.95E+01	
Mass	kg	3.22E+00	6.82E-02	1.70E+01	2.03E+01
Biogenic carbon content (declared unit)	kg of C	9.02E-01	2.58E-02	6.71E+00	7.63E+00
Biogenic carbon content (functional unit)	kg of C	9.02E-01	2.58E-02	6.71E+00	7.63E+00
Source		ADEME	APESA/RECORD	EN 16485	

Product	Unit	Cardboard	Paper	Wood	Sum
Mass	kg	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Biogenic carbon content (declared unit)	kg of C	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Biogenic carbon content (functional unit)	kg of C	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Extrapolation rules

For each reference in this homogeneous family (see Appendix), the environmental impacts for each phase and indicator are derived from life-cycle analysis (LCA).

Extrapolation rules for use phase for kit of terminals only.

	Use phase extrapolation factor for kit of terminals Ref HWYx related to ACB nominal rating										
ACB range	400A	630A	800A	1000A	1250A	1600A	2000A	2500A	3000A	3200A	4000A
HW1	0.06	0.16	0.25	0.39	0.61	1.00	-	-	-	-	-
HW2	-	0.06	0.10	0.16	0.25	0.41	0.64	1.00	-	-	-
HW4	-	-	-	0.16	0.25	0.41	0.64	1.00	-	-	-
HW4	-	-	-	-	-	-	-	-	-	0.64	1.00

To have the environnemental impact of an ACB with its 2 kits of terminals, please follow below calculation rules :

	Manuf	Distrib	Install	Use	End of Life
ACB HWx	cf annexe data	cf annexe data	cf annexe data	cf annexe data	cf annexe data
1st terminal kit HWYxxxxx	cf annexe data	cf annexe data	cf annexe data	Extrapolation factor table above multiplied by (cf annexe data)	cf annexe data
2nd terminal kit HWYxxxxx	cf annexe data	cf annexe data	cf annexe data	Extrapolation factor table above multiplied by (cf annexe data)	cf annexe data
total impact ACB + terminals	sum all data	sum all data	sum all data	sum all data	sum all data

Verification

Registration N°: HAGE-00937-V02.01-EN	Drafting Rules	PEP-PCR-ed4-2021 09 06
	Supplemented by	PSR-0005-ed3.1-2023 12 08
Verifier accreditation N°: VH37	Information and reference documents: www.pep-ecopassport.org	
Date of issue: 1-2025	Validity period:	5 years
Independent verification of the declaration and data, in compliance with ISO 14025 : 2006		
Internal ● External ○		
The PCR review was conducted by a panel of experts chaired by Julie Orgelet (DDemain)		
PEPs are compliant with XP C08-100-1:2016 or EN 50693:2019 The elements of the present PEP cannot be compared with elements from another program.		
Document in compliance with ISO 14025 : 2006 « Environmental labels and declarations. Type III environmental declarations »		

Nota :

The picture has no contractual value.
All numerical values indicated in this document may vary and depend of many factors such as the tolerance related to materials, the usage and environment conditions of the products, installation characteristics ... , real values for a product in a concrete application may therefore change.
The usage time mentioned in this document is an average duration chosen for the need of the calculations. This value cannot be assimilated to the minimum, average or real life time.
The responsibility of the company, issuing this document, can never be engaged if differences would be noticed between the values given by this document and real ones, whatever the causes and/or consequences would be.

Appendix

Stage	Product	Acidification (PEF-AP) - [mole H+ eq.]	Climate change - Total (PEF-GWP) - [kg CO2 eq.]	Climate change-Biogenic (PEF-GWPb) - [kg CO2 eq.]	Climate change-Fossil (PEF-GWPf) - [kg CO2 eq.]	Climate change-Land use and land use change (PEF-GWPlu) - [kg CO2 eq.]	Components for re-use - [kg]	Ecotoxicity, freshwater (PEF-CTUe) - [CTUe]	Eutrophication, freshwater (PEF-Epf) - [kg P eq.]	Eutrophication, marine (PEF-Epm) - [kg N eq.]	Eutrophication, terrestrial (PEF-Ept) - [mole of N eq.]	Exported energy - [MJ]	Hazardous waste disposed - [kg]	Human toxicity, cancer (PEF-CTUh-c) - [CTUh]	Human toxicity, non-cancer (PEF-CTUh-nc) - [CTUh]	Ionising radiation, human health (PEF-IR) - [kg Bq U235 eq.]	Land use (PEF-LU)	Materials for energy recovery - [kg]
Manufacturing A1-A3	HW1M312DB	4.06E+00	1.84E+02	-3.09E+01	2.15E+02	1.61E-03	0.00E+00	4.01E+04	1.70E-02	3.03E-01	3.26E+00	5.00E-01	2.02E+03	1.76E-05	3.92E-05	3.96E+03	5.49E+01	6.76E-01
	HF1E316DCGH-MTS	5.46E+00	3.17E+02	-1.77E+01	3.35E+02	1.68E-03	0.00E+00	3.76E+04	2.31E-02	7.34E-01	8.06E+00	4.60E-01	2.57E+03	1.72E-05	4.67E-05	5.09E+03	7.40E+01	6.23E-01
	HF1E316DEGH-MTS	5.53E+00	3.25E+02	-1.77E+01	3.43E+02	1.69E-03	0.00E+00	3.77E+04	2.31E-02	7.41E-01	8.13E+00	4.62E-01	2.59E+03	1.73E-05	4.70E-05	5.43E+03	7.41E+01	6.26E-01
	HF1E316FCGH-MTS	3.15E+00	2.00E+02	-2.20E+01	2.22E+02	1.03E-03	0.00E+00	3.11E+04	8.60E-03	6.03E-01	6.60E+00	2.91E-01	1.24E+03	3.19E-06	2.16E-05	2.24E+03	2.79E+01	3.94E-01
	HF1E316FEGH-MTS	3.21E+00	2.07E+02	-2.19E+01	2.29E+02	1.03E-03	0.00E+00	3.11E+04	8.63E-03	6.11E-01	6.68E+00	2.93E-01	1.27E+03	3.31E-06	2.19E-05	2.58E+03	2.79E+01	3.96E-01
	HF1E416DCGH-MTS	7.06E+00	3.97E+02	-1.56E+01	4.12E+02	1.96E-03	0.00E+00	4.74E+04	3.06E-02	9.43E-01	1.04E+01	5.35E-01	3.39E+03	2.20E-05	6.15E-05	6.75E+03	9.75E+01	7.24E-01
	HF1E416DEGH-MTS	7.29E+00	4.07E+02	-1.55E+01	4.23E+02	2.01E-03	0.00E+00	4.74E+04	3.06E-02	9.94E-01	1.09E+01	5.35E-01	3.41E+03	2.20E-05	6.17E-05	7.07E+03	9.77E+01	7.25E-01
	HF1E416FCGH-MTS	4.02E+00	2.57E+02	-2.10E+01	2.78E+02	1.11E-03	0.00E+00	4.01E+04	1.13E-02	7.72E-01	8.45E+00	3.28E-01	1.63E+03	3.33E-06	2.84E-05	2.94E+03	3.61E+01	4.43E-01
	HF1E416FEGH-MTS	4.14E+00	2.65E+02	-2.09E+01	2.86E+02	1.14E-03	0.00E+00	4.01E+04	1.14E-02	7.97E-01	8.73E+00	3.28E-01	1.65E+03	3.34E-06	2.85E-05	3.27E+03	3.62E+01	4.44E-01
	HF1W316DSAH-MTS	5.22E+00	2.87E+02	-1.81E+01	3.05E+02	1.30E-03	0.00E+00	3.48E+04	2.29E-02	7.11E-01	7.80E+00	4.48E-01	2.49E+03	1.69E-05	4.57E-05	5.00E+03	7.19E+01	6.06E-01
	HF1W316FSAH-MTS	2.90E+00	1.70E+02	-2.24E+01	1.92E+02	6.53E-04	0.00E+00	2.82E+04	8.45E-03	5.77E-01	6.31E+00	2.78E-01	1.17E+03	2.92E-06	2.06E-05	2.14E+03	2.58E+01	3.77E-01
	HF1W416DSAH-MTS	6.76E+00	3.59E+02	-1.61E+01	3.75E+02	1.59E-03	0.00E+00	4.39E+04	3.04E-02	9.13E-01	1.00E+01	5.20E-01	3.31E+03	2.17E-05	6.03E-05	6.64E+03	9.52E+01	7.04E-01
	HF1W412FSAF-MTS	4.47E+00	2.37E+02	-2.06E+01	2.57E+02	7.33E-04	0.00E+00	3.69E+04	1.72E-02	7.67E-01	8.41E+00	3.40E-01	2.04E+03	3.17E-06	3.65E-05	3.94E+03	5.26E+01	4.61E-01
	HF1M412FCFF-MTS	4.75E+00	2.72E+02	-2.01E+01	2.92E+02	1.11E-03	0.00E+00	4.05E+04	1.73E-02	7.95E-01	8.71E+00	3.55E-01	2.13E+03	3.44E-06	3.77E-05	4.05E+03	5.49E+01	4.81E-01
	HF1W416FSAF-MTS	4.47E+00	2.37E+02	-2.06E+01	2.57E+02	7.33E-04	0.00E+00	3.69E+04	1.72E-02	7.67E-01	8.41E+00	3.40E-01	2.04E+03	3.17E-06	3.65E-05	3.94E+03	5.26E+01	4.61E-01
	HF1M416FCGF-MTS	4.75E+00	2.72E+02	-2.01E+01	2.92E+02	1.11E-03	0.00E+00	4.05E+04	1.73E-02	7.95E-01	8.71E+00	3.55E-01	2.13E+03	3.44E-06	3.77E-05	4.05E+03	5.49E+01	4.81E-01
	HF1W416FSAH-MTS	3.74E+00	2.22E+02	-2.15E+01	2.44E+02	7.30E-04	0.00E+00	3.66E+04	1.12E-02	7.44E-01	8.15E+00	3.13E-01	1.55E+03	3.06E-06	2.72E-05	2.84E+03	3.38E+01	4.23E-01
	HW1E304DB	4.91E+00	2.93E+02	-3.05E+01	3.24E+02	1.48E-03	0.00E+00	3.65E+04	1.90E-02	7.26E-01	7.92E+00	5.07E-01	2.17E+03	1.86E-05	3.98E-05	4.31E+03	6.06E+01	6.87E-01
	HW1E304DE	4.97E+00	2.98E+02	-3.05E+01	3.28E+02	1.47E-03	0.00E+00	3.68E+04	1.90E-02	7.30E-01	7.96E+00	5.09E-01	2.18E+03	1.87E-05	4.00E-05	4.34E+03	6.06E+01	6.89E-01
	HW1E304FB	4.57E+00	3.79E+02	-3.49E+01	4.14E+02	9.32E-04	0.00E+00	3.35E+04	3.99E-03	1.57E+00	1.72E+01	3.33E-01	7.61E+02	4.55E-06	1.32E-05	1.23E+03	1.09E+01	4.51E-01
	HW1E304FE	2.68E+00	1.81E+02	-3.48E+01	2.15E+02	8.00E-04	0.00E+00	3.02E+04	4.59E-03	6.06E-01	6.58E+00	3.40E-01	8.52E+02	4.67E-06	1.49E-05	1.48E+03	1.44E+01	4.60E-01
	HW1E306DB	4.91E+00	2.93E+02	-3.05E+01	3.24E+02	1.48E-03	0.00E+00	3.65E+04	1.90E-02	7.26E-01	7.92E+00	5.07E-01	2.17E+03	1.86E-05	3.98E-05	4.31E+03	6.06E+01	6.87E-01
	HW1E306DE	4.99E+00	2.99E+02	-3.05E+01	3.29E+02	1.47E-03	0.00E+00	3.68E+04	1.90E-02	7.36E-01	8.03E+00	5.09E-01	2.18E+03	1.87E-05	4.00E-05	4.34E+03	6.06E+01	6.89E-01
	HW1E306FB	4.57E+00	3.79E+02	-3.49E+01	4.14E+02	9.32E-04	0.00E+00	3.35E+04	3.99E-03	1.57E+00	1.72E+01	3.33E-01	7.61E+02	4.55E-06	1.32E-05	1.23E+03	1.09E+01	4.51E-01
	HW1E306FE	2.68E+00	1.81E+02	-3.48E+01	2.15E+02	8.00E-04	0.00E+00	3.02E+04	4.59E-03	6.06E-01	6.58E+00	3.40E-01	8.52E+02	4.67E-06	1.49E-05	1.48E+03	1.44E+01	4.60E-01
	HW1E308DB	4.91E+00	2.93E+02	-3.05E+01	3.24E+02	1.48E-03	0.00E+00	3.65E+04	1.90E-02	7.26E-01	7.92E+00	5.07E-01	2.17E+03	1.86E-05	3.98E-05	4.31E+03	6.06E+01	6.87E-01
	HW1E308DE	4.99E+00	2.99E+02	-3.05E+01	3.29E+02	1.47E-03	0.00E+00	3.68E+04	1.90E-02	7.36E-01	8.03E+00	5.09E-01	2.18E+03	1.87E-05	4.00E-05	4.34E+03	6.06E+01	6.89E-01
	HW1E308FB	4.57E+00	3.79E+02	-3.49E+01	4.14E+02	9.32E-04	0.00E+00	3.35E+04	3.99E-03	1.57E+00	1.72E+01	3.33E-01	7.61E+02	4.55E-06	1.32E-05	1.23E+03	1.09E+01	4.51E-01
	HW1E308FE	2.68E+00	1.81E+02	-3.48E+01	2.15E+02	8.00E-04	0.00E+00	3.02E+04	4.59E-03	6.06E-01	6.58E+00	3.40E-01	8.52E+02	4.67E-06	1.49E-05	1.48E+03	1.44E+01	4.60E-01
	HW1E310DB	4.91E+00	2.93E+02	-3.05E+01	3.24E+02	1.48E-03	0.00E+00	3.65E+04	1.90E-02	7.26E-01	7.92E+00	5.07E-01	2.17E+03	1.86E-05	3.98E-05	4.31E+03	6.06E+01	6.87E-01
	HW1E310DE	4.99E+00	2.99E+02	-3.05E+01	3.29E+02	1.47E-03	0.00E+00	3.68E+04	1.90E-02	7.36E-01	8.03E+00	5.09E-01	2.18E+03	1.87E-05	4.00E-05	4.34E+03	6.06E+01	6.89E-01
	HW1E310FB	4.57E+00	3.79E+02	-3.49E+01	4.14E+02	9.32E-04	0.00E+00	3.35E+04	3.99E-03	1.57E+00	1.72E+01	3.33E-01	7.61E+02	4.55E-06	1.32E-05	1.23E+03	1.09E+01	4.51E-01
	HW1E310FE	1.36E+00	1.09E+02	2.38E+00	1.06E+02	9.07E-04	0.00E+00	3.33E+04	2.40E-03	1.26E-01	1.37E+00	1.17E-01	7.08E+02	2.82E-06	1.23E-05	1.16E+03	8.86E+00	1.58E-01
	HW1E312DB	4.91E+00	2.93E+02	-3.05E+01	3.24E+02	1.48E-03	0.00E+00	3.65E+04	1.90E-02	7.26E-01	7.92E+00	5.07E-01	2.17E+03	1.86E-05	3.98E-05	4.31E+03	6.06E+01	6.87E-01
	HW1E312DE	4.99E+00	2.99E+02	-3.05E+01	3.29E+02	1.47E-03	0.00E+00	3.68E+04	1.90E-02	7.36E-01	8.03E+00	5.09E-01	2.18E+03	1.87E-05	4.00E-05	4.34E+03	6.06E+01	6.89E-01
	HW1E312FB	4.57E+00	3.79E+02	-3.49E+01	4.14E+02	9.32E-04	0.00E+00	3.35E+04	3.99E-03	1.57E+00	1.72E+01	3.33E-01	7.61E+02	4.55E-06	1.32E-05	1.23E+03	1.09E+01	4.51E-01
	HW1E312FE	2.68E+00	1.81E+02	-3.48E+01	2.15E+02	8.00E-04	0.00E+00	3.02E+04	4.59E-03	6.06E-01	6.58E+00	3.40E-01	8.52E+02	4.67E-06	1.49E-05	1.48E+03	1.44E+01	4.60E-01
	HW1E316DB	4.91E+00	2.93E+02	-3.05E+01	3.24E+02	1.48E-03	0.00E+00	3.65E+04	1.90E-02	7.26E-01	7.92E+00	5.07E-01	2.17E+03	1.86E-05	3.98E-05	4.31E+03	6.06E+01	6.87E-01
	HW1E316DE	4.99E+00	2.99E+02	-3.05E+01	3.29E+02	1.47E-03	0.00E+00	3.68E+04	1.90E-02	7.36E-01	8.03E+00	5.09E-01	2.18E+03	1.87E-05	4.00E-05	4.34E+03	6.06E+01	6.89E-01
	HW1E316FB	4.57E+00	3.79E+02	-3.49E+01	4.14E+02	9.32E-04	0.00E+00	3.35E+04	3.99E-03	1.57E+00	1.72E+01	3.33E-01	7.61E+02	4.55E-06	1.32E-05	1.23E+03	1.09E+01	4.51E-01
	HW1E316FE	2.68E+00	1.81E+02	-3.48E+01	2.15E+02	8.00E-04	0.00E+00	3.02E+04	4.59E-03	6.06E-01	6.58E+00	3.40E-01	8.52E+02	4.67E-06	1.49E-05	1.48E+03	1.44E+01	4.60E-01
	HW1E404DB	6.28E+00	3.69E+02	-1.66E+01	3.85E+02	1.76E-03	0.00E+00	4.59E+04	2.50E-02	9.11E-01	1.00E+01	5.05E-01	2.88E+03	2.19E-05	5.24E-05	5.70E+03	7.98E+01	6.84E-01
	HW1E404DE	6.56E+00	3.76E+02	-2.86E+01	4.05E+02	1.78E-03	0.00E+00	4.61E+04	2.51E-02	9.83E-01	1.07E+01	5.75E-01	2.84E+03	2.33E-05	5.22E-05	5.70E+03	7.99E+01	7.78E-01
	HW1E404FB	5.89E+00	4.99E+02	-3.42E+01	5.33E+02	1.02E-03	0.00E+00	4.37E+04	4.98E-03	2.06E+00	2.25E+01	3.60E-01	9.49E+02	4.67E-06	1.67E-05	1.56E+03	1.32E+01	4.88E-01
	HW1E404FE	3.41E+00	2.35E+02	-3.40E+01	2.69E+02	9.09E-04	0.00E+00	3.88E+04	5.93E-03	7.86E-01	8.55E+00	3.68E-01	1.08E+03	4.66E-06	1.91E-05	1.90E+03	1.85E+01	4.98E-01
	HW1E406DB	6.28E+00	3.69E+02	-1.66E+01	3.85E+02	1.76E-03	0.00E+00	4.59E+04	2.50E-02	9.10E-01	9.99E+00	5.05E-01	2.88E+03	2.19E-05	5.24E-05	5.70E+03	7.98E+01	6.84E-01
	HW1E406DE	6.56E+00	3.76E+02	-2.86E+01	4.05E+02	1.78E-03	0.00E+00	4.61E+04	2.51E-02	9.83E-01	1.07E+01	5.75E-01	2.84E+03	2.33E-05	5.22E-05	5.70E+03	7.99E+01	7.78E-01
	HW1E406FB	5.89E+00	4.99E+02	-3.42E+01	5.33E+02	1.02E-03	0.00E+00	4.37E+04	4.98E-03	2.06E+00	2.25E+01	3.60E-01	9.49E+02	4.67E-06	1.67E-05	1.56E+03	1.32E+01	4.88E-01
	HW1E406FE	3.41E+00	2.35E+02	-3.40E+01	2.69E+02	9.09E-04	0.00E+00	3.88E+04	5.93E-03	7.86E-01	8.55E+00	3.68E-01	1.08E+03	4.66E-06	1.91E-05	1.90E+03	1.85E+01	4.98E-01
	HW1E408DB	6.28E+00	3.69E+02	-1.66E+01	3.85E+02	1.76E-03	0.00E+00	4.59E+04	2.50E-02	9.10E-01	9.99E+00	5.05E-01	2.88E+03	2.19E-05	5.24E-05	5.70E+03	7.98E+01	6.84E-01
	HW1E408DE	6.56E+00	3.76E+02	-2.86E+01	4.05E+02	1.78E-03	0.00E+00	4.61E+04	2.51E-02	9.83E-01	1.07E+01	5.75E-01	2.84E+03	2.33E-05	5.22E-05	5.70E+03	7.99E+01	7.78E-01
	HW1E408FB	5.89E+00	4.99E+02	-3.42E+01	5.33E+02	1.02E-03	0.00E+00	4.37E+04	4.98E-03	2.06E+00	2.25E+01	3.60E-01	9.49E+02	4.67E-06	1.67E-05	1.56E+03	1.32E+01	4.88E-01
	HW1E408FE	3.41E+00	2.35E+02	-3.40E+01	2.69E+02	9.09E-04	0.00E+00	3.88E+04	5.93E-03	7.86E-01	8.55E+00	3.68E-01	1.08E+03	4.66E-06	1.91E-05	1.90E+03	1.85E+01	4.98E-01
	HW1E410DB	6.28E+00	3.69E+02	-1.66E+01	3.85E+02	1.76E-03	0.00E+00	4.59E+04	2.50E-02	9.10E-01	9.99E+00	5.05E-01	2.88E+03	2.19E-05	5.24E-05	5.70E+03	7.98E+01	6.84E-01
	HW1E410DE	6.56E+00	3.76E+02	-2.86E+01	4.05E+02	1.78E-03	0.00E+00	4.61E+04	2.51E-02	9.83E-01	1.07E+01	5.75E-01	2.84E+03	2.33E-05	5.22E-05	5.70E+03	7.99E+01	7.78E-01
	HW1E410FB	5.89E+00	4.99E+02	-3.42E+01	5.33E+02	1.02E-03	0.00E+00	4.37E+04	4.98E-03	2.06E+00	2.25E+01	3.60E-01	9.49E+02	4.67E-06	1.67E-05	1.56E+03	1.32E+01	4.88E-01
	HW1E410FE	3.41E+00	2.35E+02	-3.40E+01	2.69E+02	9.09E-04	0.00E+00	3.88E+04	5.93E-03	7.86E-01	8.55E+00	3.68E-01	1.08E+03	4.66E-06	1.91E-05	1.90E+03	1.85E+01	4.98E-01
	HW1E412DB	6.28E+00	3.69E+02	-1.66E+01	3.85E+02	1.76E-03	0.00E+00	4.59E+04	2.50E-02	9.10E-01	9.99E+00	5.05E-01	2.88E+03	2.19E-05	5.24E-05	5.70E+03	7.98E+01	6.84E-01
	HW1E412DE	6.56E+00	3.76E+02	-2.86E+01	4.05E+02	1.78E-03	0.00E+00	4.61E+04	2.51E-02	9.83E-01	1.07E+01	5.75E-01	2.84E+03	2.33E-05	5.22E-05	5.70E+03	7.99E+01	7.78E-01
	HW1E412FB	5.89E+00	4.99E+02	-3.42E+01	5.33E+02	1.02E-03	0.00E+00	4.37E+04	4.98E-03	2.06E+00	2.25E+01	3.60E-01	9.49E+02	4.67E-06	1.67E-05	1.56E+03	1.32E+01	4.88E-01
	HW1E412FE	3.41E+00	2.35E+02	-3.40E+01	2.69E+02	9.09E-04	0.00E+00	3.88E+04	5.93E-03	7.86E-01	8.55E+00	3.68E-01	1.08E+03	4.66E-06	1.91E-05	1.90E+03	1.85E+01	4.98E-01
	HW1E416DB	6.28E+00	3.69E+02	-1.66E+01	3.85E+02	1.76E-03	0.00E+00	4.59E+04	2.50E-02	9.10E-01	9.99E+00	5.05E-01	2.88E+03	2.19E-05	5.24E-05	5.70E+03	7.98E+01	6.84E-01
	HW1E416DE	6.56E+00	3.76E+02	-2.86E+01	4.05E+02	1.78E-03	0.00E+00	4.61E+04	2.51E-02	9.83E-01	1.07E+01	5.75E-01	2.84E+03	2.33E-05	5.22E-05	5.70E+03	7.99E+01	7.78E-01
	HW1E416FB	5.89E+00	4.99E+02	-3.42E+01	5.33E+02	1.02E-03	0.00E+00	4.37E+04	4.98E-03	2.06E+00	2.25E+01	3.60E-01	9.49E+02	4.67E-06	1.67E-05	1.56E+03	1.32E+01	4.88E-01
	HW1E416FE	3.41E+00	2.35E+02	-3.40E+01	2.69E+02	9.09E-04	0.00E+00	3.88E+04	5.93E-03	7.86E-01	8.55E+00	3.68E-01	1.08E+03	4.66E-06	1.91E-05	1.90E+03	1.85E+01	4.98E-01
	HW1M304DB	4.91E+00	2.93E+02	-3.05E+01	3.24E+02	1.48E-03	0.00E+00	3.65E+04	1.90E-02	7.26E-01	7.92E+00	5.07E-01	2.17E+03	1.86E-05	3.98E-05	4.31E+03	6.06E+01	6.87E-01
	HW1M304DE	4.99E+00	2.99E+02	-3.05E+01	3.29E+02	1.47E-03	0.00E+00	3.68E+04	1.90E-02	7.36E-01	8.03E+00	5.09E-01	2.18E+03	1.87E-05	4.00E-05	4.34E+03	6.06E+01	6.89E-01

Product	Materials for recycling - [kg]	Net use of fresh water - [m3]	Non hazardous waste disposed - [kg]	Non renewable primary energy used as energy - [MJ]	Non renewable primary energy used as raw material - [MJ]	Ozone depletion (PEF-ODP) - [kg CFC-11 eq.]	EF-particulate Matter (PEF-PM) - [Incidence of diseases]	Photochemical ozone formation - human health (PEF-POCP) - [kg of NMVOC eq.]	Radioactive waste disposed - [kg]	Renewable primary energy used as energy - [MJ]	Renewable primary energy used as raw material - [MJ]	Resource use, fossils (PEF-ADPf) - [MJ]	Resource use, minerals and metals (PEF-ADPe) - [kg Sb eq]	Total non renewable primary energy - [MJ]	Total primary energy - [MJ]	Total renewable primary energy - [MJ]	Use of non renewable secondary fuels - [MJ]	Use of renewable secondary fuels - [MJ]	Use of secondary material - [kg]	Water use (PEF-WU) - [m3 eq.]
HW1M312DB	4.25E+00	3.10E+00	8.83E+01	5.24E+03	1.85E+02	7.39E-05	2.34E-05	1.08E+00	4.74E-02	9.80E+01	5.25E+02	5.42E+03	1.11E-01	5.42E+03	6.05E+03	6.23E+02	0.00E+00	0.00E+00	0.00E+00	1.33E+02
HF1E316DCGH-MTS	5.11E+00	5.05E+00	9.88E+01	7.16E+03	1.84E+02	7.56E-05	3.10E-05	2.33E+00	5.13E-02	2.20E+02	3.73E+02	7.34E+03	1.20E-01	7.34E+03	7.94E+03	5.92E+02	0.00E+00	0.00E+00	8.47E-06	2.17E+02
HF1E316DEGH-MTS	5.12E+00	5.12E+00	1.00E+02	7.25E+03	1.88E+02	7.65E-05	3.13E-05	2.35E+00	5.20E-02	2.21E+02	3.73E+02	7.43E+03	1.22E-01	7.43E+03	8.03E+03	5.94E+02	0.00E+00	0.00E+00	5.84E-05	2.20E+02
HF1E316FCGH-MTS	2.05E+00	2.36E+00	5.63E+01	4.10E+03	1.16E+02	1.83E-05	1.63E-05	1.79E+00	2.67E-02	1.15E+02	3.56E+02	4.22E+03	1.02E-01	4.22E+03	4.69E+03	4.71E+02	0.00E+00	0.00E+00	8.47E-06	1.01E+02
HF1E316FEGH-MTS	2.06E+00	2.43E+00	5.77E+01	4.20E+03	1.19E+02	1.92E-05	1.66E-05	1.82E+00	2.74E-02	1.18E+02	3.56E+02	4.32E+03	1.04E-01	4.32E+03	4.79E+03	4.74E+02	0.00E+00	0.00E+00	5.84E-05	1.04E+02
HF1E416DCGH-MTS	6.49E+00	6.53E+00	1.18E+02	8.57E+03	2.29E+02	8.49E-05	3.99E-05	2.99E+00	6.21E-02	2.75E+02	3.80E+02	8.80E+03	1.58E-01	8.80E+03	9.45E+03	6.55E+02	0.00E+00	0.00E+00	8.47E-06	2.80E+02
HF1E416DEGH-MTS	6.49E+00	6.58E+00	1.20E+02	8.70E+03	2.30E+02	8.55E-05	4.11E-05	3.13E+00	6.29E-02	2.76E+02	3.80E+02	8.93E+03	1.59E-01	8.93E+03	9.59E+03	6.56E+02	0.00E+00	0.00E+00	5.83E-05	2.82E+02
HF1E416FCGH-MTS	2.58E+00	3.03E+00	6.73E+01	5.04E+03	1.42E+02	2.15E-05	2.06E-05	2.29E+00	3.31E-02	1.46E+02	3.60E+02	5.18E+03	1.35E-01	5.18E+03	5.69E+03	5.05E+02	0.00E+00	0.00E+00	8.47E-06	1.30E+02
HF1E416FEGH-MTS	2.58E+00	3.08E+00	6.87E+01	5.15E+03	1.42E+02	2.20E-05	2.13E-05	2.37E+00	3.38E-02	1.49E+02	3.60E+02	5.29E+03	1.35E-01	5.29E+03	5.80E+03	5.09E+02	0.00E+00	0.00E+00	5.83E-05	1.32E+02
HF1W316DSAH-MTS	5.07E+00	4.75E+00	8.33E+01	6.66E+03	1.65E+02	7.19E-05	2.95E-05	2.24E+00	4.32E-02	1.84E+02	3.71E+02	6.82E+03	1.17E-01	6.82E+03	7.38E+03	5.55E+02	0.00E+00	0.00E+00	0.00E+00	2.04E+02
HF1W316FSAH-MTS	2.01E+00	2.06E+00	4.08E+01	3.63E+03	9.69E+01	1.46E-05	1.48E-05	1.70E+00	1.87E-02	8.23E+01	3.54E+02	3.72E+03	9.93E-02	3.72E+03	4.16E+03	4.36E+02	0.00E+00	0.00E+00	0.00E+00	8.86E+01
HF1W416DSAH-MTS	6.43E+00	6.18E+00	9.88E+01	7.98E+03	2.08E+02	8.11E-05	3.80E-05	2.88E+00	5.21E-02	2.31E+02	3.78E+02	8.19E+03	1.55E-01	8.19E+03	8.80E+03	6.09E+02	0.00E+00	0.00E+00	0.00E+00	2.66E+02
HF1W412FSAF-MTS	3.49E+00	3.58E+00	5.78E+01	4.67E+03	1.21E+02	2.04E-05	2.33E-05	2.31E+00	2.85E-02	1.32E+02	3.60E+02	4.80E+03	1.38E-01	4.80E+03	5.29E+03	4.92E+02	0.00E+00	0.00E+00	0.00E+00	1.54E+02
HF1M412FCFF-MTS	3.55E+00	3.92E+00	7.68E+01	5.22E+03	1.42E+02	2.42E-05	2.50E-05	2.41E+00	3.85E-02	1.71E+02	3.62E+02	5.37E+03	1.41E-01	5.37E+03	5.90E+03	5.34E+02	0.00E+00	0.00E+00	8.47E-06	1.68E+02
HF1W416FSAF-MTS	3.49E+00	3.58E+00	5.78E+01	4.67E+03	1.21E+02	2.04E-05	2.33E-05	2.31E+00	2.85E-02	1.32E+02	3.60E+02	4.80E+03	1.38E-01	4.80E+03	5.29E+03	4.92E+02	0.00E+00	0.00E+00	0.00E+00	1.54E+02
HF1M416FCGF-MTS	3.55E+00	3.92E+00	7.68E+01	5.22E+03	1.42E+02	2.42E-05	2.50E-05	2.41E+00	3.85E-02	1.71E+02	3.62E+02	5.37E+03	1.41E-01	5.37E+03	5.90E+03	5.34E+02	0.00E+00	0.00E+00	8.47E-06	1.68E+02
HF1W416FSAH-MTS	2.53E+00	2.69E+00	4.83E+01	4.52E+03	1.21E+02	1.76E-05	1.89E-05	2.20E+00	2.31E-02	1.09E+02	3.58E+02	4.64E+03	1.31E-01	4.64E+03	5.10E+03	4.66E+02	0.00E+00	0.00E+00	0.00E+00	1.15E+02
HW1E304DB	4.53E+00	4.34E+00	9.97E+01	6.98E+03	1.76E+02	7.19E-05	2.78E-05	2.25E+00	5.05E-02	1.70E+02	5.26E+02	7.15E+03	1.13E-01	7.15E+03	7.85E+03	6.96E+02	0.00E+00	0.00E+00	0.00E+00	1.86E+02
HW1E304DE	4.52E+00	4.40E+00	1.01E+02	7.04E+03	1.80E+02	7.24E-05	2.81E-05	2.26E+00	5.12E-02	1.72E+02	5.26E+02	7.22E+03	1.14E-01	7.22E+03	7.92E+03	6.98E+02	0.00E+00	0.00E+00	5.13E-05	1.89E+02
HW1E304FB	1.27E+00	1.63E+00	5.86E+01	7.03E+03	1.20E+02	1.80E-05	1.79E-05	4.35E+00	2.74E-02	6.65E+01	5.09E+02	7.14E+03	1.02E-01	7.14E+03	7.72E+03	5.75E+02	0.00E+00	0.00E+00	0.00E+00	7.02E+01
HW1E304FE	1.46E+00	1.70E+00	5.82E+01	4.01E+03	1.12E+02	1.51E-05	1.35E-05	1.75E+00	2.66E-02	6.94E+01	5.09E+02	4.13E+03	9.56E-02	4.13E+03	4.70E+03	5.79E+02	0.00E+00	0.00E+00	5.13E-05	7.32E+01
HW1E306DB	4.53E+00	4.34E+00	9.97E+01	6.98E+03	1.76E+02	7.19E-05	2.78E-05	2.25E+00	5.05E-02	1.70E+02	5.26E+02	7.15E+03	1.13E-01	7.15E+03	7.85E+03	6.96E+02	0.00E+00	0.00E+00	0.00E+00	1.86E+02
HW1E306DE	4.53E+00	4.40E+00	1.00E+02	7.06E+03	1.80E+02	7.24E-05	2.82E-05	2.28E+00	5.08E-02	1.72E+02	5.26E+02	7.24E+03	1.14E-01	7.24E+03	7.94E+03	6.99E+02	0.00E+00	0.00E+00	5.13E-05	1.89E+02
HW1E306FB	1.27E+00	1.63E+00	5.86E+01	7.03E+03	1.20E+02	1.80E-05	1.79E-05	4.35E+00	2.74E-02	6.65E+01	5.09E+02	7.14E+03	1.02E-01	7.14E+03	7.72E+03	5.75E+02	0.00E+00	0.00E+00	0.00E+00	7.02E+01
HW1E306FE	1.46E+00	1.70E+00	5.82E+01	4.01E+03	1.12E+02	1.51E-05	1.35E-05	1.75E+00	2.66E-02	6.94E+01	5.09E+02	4.13E+03	9.56E-02	4.13E+03	4.70E+03	5.79E+02	0.00E+00	0.00E+00	5.13E-05	7.32E+01
HW1E308DB	4.53E+00	4.34E+00	9.97E+01	6.98E+03	1.76E+02	7.19E-05	2.78E-05	2.25E+00	5.05E-02	1.70E+02	5.26E+02	7.15E+03	1.13E-01	7.15E+03	7.85E+03	6.96E+02	0.00E+00	0.00E+00	0.00E+00	1.86E+02
HW1E308DE	4.53E+00	4.40E+00	1.00E+02	7.06E+03	1.80E+02	7.24E-05	2.82E-05	2.28E+00	5.08E-02	1.72E+02	5.26E+02	7.24E+03	1.14E-01	7.24E+03	7.94E+03	6.99E+02	0.00E+00	0.00E+00	5.13E-05	1.89E+02
HW1E308FB	1.27E+00	1.63E+00	5.86E+01	7.03E+03	1.20E+02	1.80E-05	1.79E-05	4.35E+00	2.74E-02	6.65E+01	5.09E+02	7.14E+03	1.02E-01	7.14E+03	7.72E+03	5.75E+02	0.00E+00	0.00E+00	0.00E+00	7.02E+01
HW1E308FE	1.46E+00	1.70E+00	5.82E+01	4.01E+03	1.12E+02	1.51E-05	1.35E-05	1.75E+00	2.66E-02	6.94E+01	5.09E+02	4.13E+03	9.56E-02	4.13E+03	4.70E+03	5.79E+02	0.00E+00	0.00E+00	5.13E-05	7.32E+01
HW1E310DB	4.53E+00	4.34E+00	9.97E+01	6.98E+03	1.76E+02	7.19E-05	2.78E-05	2.25E+00	5.05E-02	1.70E+02	5.26E+02	7.15E+03	1.13E-01	7.15E+03	7.85E+03	6.96E+02	0.00E+00	0.00E+00	0.00E+00	1.86E+02
HW1E310DE	4.53E+00	4.40E+00	1.00E+02	7.06E+03	1.80E+02	7.24E-05	2.83E-05	2.28E+00	5.08E-02	1.72E+02	5.26E+02	7.24E+03	1.14E-01	7.24E+03	7.94E+03	6.99E+02	0.00E+00	0.00E+00	5.13E-05	1.89E+02
HW1E310FB	1.27E+00	1.63E+00	5.86E+01	7.03E+03	1.20E+02	1.80E-05	1.79E-05	4.35E+00	2.74E-02	6.65E+01	5.09E+02	7.14E+03	1.02E-01	7.14E+03	7.72E+03	5.75E+02	0.00E+00	0.00E+00	0.00E+00	7.02E+01
HW1E310FE	9.31E-01	1.31E+00	4.23E+01	2.49E+03	1.17E+02	1.61E-05	8.68E-06	4.49E-01	1.86E-02	9.74E+01	1.21E+01	2.61E+03	9.40E-02	2.61E+03	2.72E+03	1.10E+02	0.00E+00	0.00E+00	5.13E-05	5.62E+01
HW1E312DB	4.53E+00	4.34E+00	9.97E+01	6.98E+03	1.76E+02	7.19E-05	2.78E-05	2.25E+00	5.05E-02	1.70E+02	5.26E+02	7.15E+03	1.13E-01	7.15E+03	7.85E+03	6.96E+02	0.00E+00	0.00E+00	0.00E+00	1.86E+02
HW1E312DE	4.53E+00	4.40E+00	1.00E+02	7.06E+03	1.80E+02	7.24E-05	2.82E-05	2.28E+00	5.08E-02	1.72E+02	5.26E+02	7.24E+03	1.14E-01	7.24E+03	7.94E+03	6.99E+02	0.00E+00	0.00E+00	5.13E-05	1.89E+02
HW1E312FB	1.27E+00	1.63E+00	5.86E+01	7.03E+03	1.20E+02	1.80E-05	1.79E-05	4.35E+00	2.74E-02	6.65E+01	5.09E+02	7.14E+03	1.02E-01	7.14E+03	7.72E+03	5.75E+02	0.00E+00	0.00E+00	0.00E+00	7.02E+01
HW1E312FE	1.46E+00	1.70E+00	5.82E+01	4.01E+03	1.12E+02	1.51E-05	1.35E-05	1.75E+00	2.66E-02	6.94E+01	5.09E+02	4.13E+03	9.56E-02	4.13E+03	4.70E+03	5.79E+02	0.00E+00	0.00E+00	5.13E-05	7.32E+01
HW1E316DB	4.53E+00	4.34E+00	9.97E+01	6.98E+03	1.76E+02	7.19E-05	2.78E-05	2.25E+00	5.05E-02	1.70E+02	5.26E+02	7.15E+03	1.13E-01	7.15E+03	7.85E+03	6.96E+02	0.00E+00	0.00E+00	0.00E+00	1.86E+02
HW1E316DE	4.53E+00	4.40E+00	1.00E+02	7.06E+03	1.80E+02	7.24E-05	2.82E-05	2.28E+00	5.08E-02	1.72E+02	5.26E+02	7.24E+03	1.14E-01	7.24E+03	7.94E+03	6.99E+02	0.00E+00	0.00E+00	5.13E-05	1.89E+02
HW1E316FB	1.27E+00	1.63E+00	5.86E+01	7.03E+03	1.20E+02	1.80E-05	1.79E-05	4.35E+00	2.74E-02	6.65E+01	5.09E+02	7.14E+03	1.02E-01	7.14E+03	7.72E+03	5.75E+02	0.00E+00	0.00E+00	0.00E+00	7.02E+01
HW1E316FE	1.46E+00	1.70E+00	5.82E+01	4.01E+03	1.12E+02	1.51E-05	1.35E-05	1.75E+00	2.66E-02	6.94E+01	5.09E+02	4.13E+03	9.56E-02	4.13E+03	4.70E+03	5.79E+02	0.00E+00	0.00E+00	5.13E-05	7.32E+01
HW1E404DB	5.58E+00	5.55E+00	1.12E+02	8.19E+03	2.19E+02	7.37E-05	3.54E-05	2.84E+00	5.82E-02	2.55E+02	3.77E+02	8.41E+03	1.49E-01	8.41E+03	9.05E+03	6.32E+02	0.00E+00	0.00E+00	0.00E+00	2.38E+02
HW1E404DE	5.68E+00	5.63E+00	1.19E+02	8.45E+03	2.22E+02	8.05E-05	3.68E-05	3.03E+00	6.08E-02	2.20E+02	5.33E+02	8.67E+03	1.37E-01	8.67E+03	9.42E+03	7.53E+02	0.00E+00	0.00E+00	5.12E-05	2.42E+02
HW1E404FB	1.43E+00	2.05E+00	6.91E+01	8.90E+03	1.48E+02	2.11E-05	2.26E-05	5.69E+00	3.32E-02	8.92E+01	5.11E+02	9.05E+03	1.20E-01	9.05E+03	9.65E+03	6.01E+02	0.00E+00	0.00E+00	0.00E+00	8.81E+01
HW1E404FE	1.76E+00	2.13E+00	6.81E+01	4.90E+03	1.34E+02	1.70E-05	1.71E-05	2.27E+00	3.21E-02	9.37E+01	5.12E+02	5.03E+03	1.13E-01	5.03E+03	5.64E+03	6.06E+02	0.00E+00	0.00E+00	5.12E-05	9.14E+01
HW1E406DB	5.58E+00	5.55E+00	1.12E+02	8.20E+03	2.19E+02	8.03E-05	3.53E-05	2.84E+00	5.81E-02	2.55E+02	3.77E+02	8.41E+03	1.49E-01	8.41E+03	9.05E+03	6.31E+02	0.00E+00	0.00E+00	0.00E+00	2.38E+02
HW1E406DE	5.68E+00	5.63E+00	1.19E+02	8.45E+03	2.22E+02	8.05E-05	3.68E-05	3.03E+00	6.08E-02	2.20E+02	5.33E+02	8.67E+03	1.37E-01	8.67E+03	9.42E+03	7.53E+02	0.00E+00	0.00E+00	5.12E-05	2.42E+02
HW1E406FB	1.43E+00	2.05E+00	6.91E+01	8.90E+03	1.48E+02	2.11E-05	2.26E-05	5.69E+00	3.32E-02	8.92E+01	5.11E+02	9.05E+03	1.20E-01	9.05E+03	9.65E+03	6.01E+02	0.00E+00	0.00E+00	0.00E+00	8.81E+01
HW1E406FE	1.76E+00	2.13E+00	6.81E+01	4.90E+03	1.34E+02	1.70E-05	1.71E-05	2.27E+00	3.21E-02	9.37E+01	5.12E+02	5.03E+03	1.13E-01	5.03E+03	5.64E+03	6.06E+02	0.00E+00	0.00E+00	5.12E-05	9.14E+01
HW1E408DB	5.58E+00	5.55E+00	1.12E+02	8.20E+03	2.19E+02	8.03E-05	3.53E-05	2.84E+00	5.81E-02	2.55E+02	3.77E+02	8.41E+03	1.49E-01	8.41E+03	9.05E+03	6.31E+02	0.00E+00	0.00E+00	0.00E+00	2.38E+02
HW1E408DE	5.68E+00	5.63E+00	1.19E+02	8.45E+03	2.22E+02	8.05E-05	3.68E-05	3.03E+00	6.08E-02	2.20E+02	5.33E+02	8.67E+03	1.37E-01	8.67E+03	9.42E+03	7.53E+02	0.00E+00	0.00E+00	5.12E-05	2.42E+02
HW1E408FB	1.43E+00	2.05E+00	6.91E+01	8.90E+03	1.48E+02	2.11E-05	2.26E-05	5.69E+00	3.32E-02	8.92E+01	5.11E+02	9.05E+03	1.20E-01	9.05E+03	9.65E+03	6.01E+02	0.00E+00	0.00E+00	0.00E+00	8.81E+01
HW1E408FE	1.76E+00	2.13E+00	6.81E+01	4.90E+03	1.34E+02	1.70E-05	1.71E-05	2.27E+00	3.21E-02	9.37E+01	5.12E+02	5.03E+03	1.13E-01	5.03E+03	5.64E+03	6.06E+02	0.00E+00	0.00E+00	5.12E-05	9.14E+01
HW1E410DB	5.58E+00	5.55E+00	1.12E+02	8.20E+03	2.19E+02	8.03E-05	3.53E-05	2.84E+00	5.81E-02	2.55E+02	3.77E+02	8.41E+03	1.49E-01	8.41E+03	9.05E+03	6.31E+02	0.00E+00	0.00E+00	0.00E+00	2.38E+02
HW1E410DE	5.68E+00	5.63E+00	1.19E+02	8.45E+03	2.22E+02	8.05E-05	3.68E-05	3.03E+00	6.08E-02	2.20E+02	5.33E+02	8.67E+03	1.37E-01	8.67E+03	9.42E+03	7.53E+02	0.00E+00	0.00E+00	5.12E-05	2.42E+02
HW1E410FB	1.43E+00	2.05E+00	6.91E+01	8.90E+03	1.48E+02	2.11E-05	2.26E-05	5.69E+00	3.32E-02	8.92E+01	5.11E+02	9.05E+03	1.20E-01	9.05E+03	9.65E+03	6.01E+02	0.00E+00	0.00E+00	0.00E+00	8.81E+01
HW1E410FE	1.76E+00	2.13E+00	6.81E+01	4.90E+03	1.34E+02	1.70E-05	1.71E-05	2.27E+00	3.21E-02	9.37E+01	5.12E+02	5.03E+03	1.13E-01	5.03E+03	5.64E+03	6.06E+02	0.00E+00	0.00E+00	5.12E-05	9.14E+01
HW1E412DB	5.58E+00	5.55E+00	1.12E+02	8.20E+03	2.19E+02	8.03E-05	3.53E-05	2.84E+00	5.81E-02	2.55E+02	3.77E+02	8.41E+03	1.49E-01	8.41E+03	9.05E+03	6.31E+02	0.00E+00	0.00E+00	0.00E+00	2.38E+02
HW1E412DE	5.68E+00	5.63E+00	1.19E+02	8.45E+03	2.22E+02	8.05E-05	3.68E-05	3.03E+00	6.08E-02	2.20E+02	5.33E+02	8.67E+03	1.37E-01	8.67E+03	9.42E+03	7.53E+02	0.00E+00	0.00E+00	5.12E-05	2.42E+02
HW1E412FB	1.43E+00	2.05E+00	6.91E+01	8.90E+03	1.48E+02	2.11E-05	2.26E-05	5.69E+00	3.32E-02	8.92E+01	5.11E+02	9.05E+03	1.20E-01	9.05E+03	9.65E+03	6.01E+02	0.00E+00	0.00E+00	0.00E+00	8.81E+01
HW1E412FE	1.76E+00	2.13E+00	6.81E+01	4.90E+03	1.34E+02	1.70E-05	1.71E-05	2.27E+00	3.21E-02	9.37E+01	5.12E+02	5.03E+03	1.13E-01	5.03E+03	5.64E+03	6.06E+02	0.00E+00	0.00E+00	5.12E-05	9.14E+01
HW1E416DB	5.58E+00	5.55E+00	1.12E+02	8.20E+03	2.19E+02	8.03E-05	3.53E-05	2.84E+00	5.81E-02	2.55E+02	3.77E+02	8.41E+03	1.49E-01	8.41E+03	9.05E+03	6.31E+02	0.00E+00	0.00E+00	0.00E+00	2.38E+02
HW1E416DE	5.68E+00	5.63E+00	1.19E+02	8.45E+03	2.22E+02	8.05E-05	3.68E-05	3.03E+00	6.08E-02	2.20E+02	5.33E+02	8.67E+03	1.37E-01	8.67E+03	9.42E+03	7.53E+02	0.00E+00	0.00E+00	5.12E-05	2.42E+02
HW1E416FB	1.43E+00	2.05E+00	6.91E+01	8.90E+03	1.48E+02	2.11E-05	2.26E-05	5.69E+00	3.32E-02	8.92E+01	5.11E+02	9.05E+03	1.20E-01	9.05E+03	9.65E+03	6.01E+02	0.00E+00	0.00E+00	0.00E+00	8.81E+01
HW1E416FE	1.76E+00	2.13E+00	6.81E+01	4.90E+03	1.34E+02	1.70E-05	1.71E-05	2.27E+00	3.21E-02	9.37E+01	5.12E+02	5.03E+03	1.13E-01	5.03E+03	5.64E+03	6.06E+02	0.00E+00	0.00E+00	5.12E-05	9.14E+01
HW1M304DB	4.53E+00	4.34E+00	9.97E+01	6.98E+03	1.76E+02	7.19E-05	2.78E-05	2.25E+00	5.05E-02	1.70E+02	5.26E+02	7.15E+03	1.13E-01	7.15E+03	7.85E+03	6.96E+02	0.00E+00	0.00E+00	0.00E+00	1.86E+02
HW1M304DE	4.53E+00	4.40E+00	1.00E+02	7.06E+03	1.80E+02	7.24E-05	2.82E-05	2.28E+00	5.08E-02	1.72E+02	5.26E+02	7.24E+03	1.14E-01	7.24E+03	7.94E+03	6.99E+02	0.00E+00	0.00E+00	5.13E-05	1.89E+02

	HW1M304FB	4.57E+00	3.79E+02	-3.49E+01	4.14E+02	9.32E-04	0.00E+00	3.35E+04	3.99E-03	1.57E+00	1.72E+01	3.33E-01	7.61E+02	4.55E-06	1.32E-05	1.23E+03	1.09E+01	4.51E-01	1.27E+00	1.63E+00	5.86E+01	7.03E+03	1.20E+02	1.80E-05	1.79E-05	4.35E+00	2.74E-02	6.65E+01	5.09E+02	7.14E+03	1.02E-01	7.14E+03	7.72E+03	5.75E+02	0.00E+00	0.00E+00	0.00E+00	7.02E+01
	HW1M304FE	2.68E+00	1.81E+02	-3.48E+01	2.15E+02	8.00E-04	0.00E+00	3.02E+04	4.59E-03	6.06E-01	6.58E+00	3.40E-01	8.52E+02	4.67E-06	1.49E-05	1.48E+03	1.44E+01	4.60E-01	1.46E+00	1.70E+00	5.82E+01	4.01E+03	1.12E+02	1.51E-05	1.35E-05	1.75E+00	2.66E-02	6.94E+01	5.09E+02	4.13E+03	9.56E-02	4.13E+03	4.70E+03	5.79E+02	0.00E+00	0.00E+00	5.13E-05	7.32E+01
	HW1M306DB	4.91E+00	2.93E+02	-3.05E+01	3.24E+02	1.48E-03	0.00E+00	3.65E+04	1.90E-02	7.26E-01	7.92E+00	5.07E-01	2.17E+03	1.86E-05	3.98E-05	4.31E+03	6.06E+01	6.87E-01	4.53E+00	4.34E+00	9.97E+01	6.98E+03	1.76E+02	7.19E-05	2.78E-05	2.25E+00	5.05E-02	1.70E+02	5.26E+02	7.15E+03	1.13E-01	7.15E+03	7.85E+03	6.96E+02	0.00E+00	0.00E+00	0.00E+00	1.88E+02
	HW1M306DE	4.99E+00	2.99E+02	-3.05E+01	3.29E+02	1.47E-03	0.00E+00	3.68E+04	1.90E-02	7.36E-01	8.03E+00	5.09E-01	2.18E+03	1.87E-05	4.00E-05	4.34E+03	6.06E+01	6.89E-01	4.53E+00	4.40E+00	1.00E+02	7.06E+03	1.80E+02	7.24E-05	2.82E-05	2.28E+00	5.08E-02	1.72E+02	5.26E+02	7.24E+03	1.14E-01	7.24E+03	7.94E+03	6.99E+02	0.00E+00	0.00E+00	5.13E-05	1.89E+02
	HW1M306FB	4.57E+00	3.79E+02	-3.49E+01	4.14E+02	9.32E-04	0.00E+00	3.35E+04	3.99E-03	1.57E+00	1.72E+01	3.33E-01	7.61E+02	4.55E-06	1.32E-05	1.23E+03	1.09E+01	4.51E-01	1.27E+00	1.63E+00	5.86E+01	7.03E+03	1.20E+02	1.80E-05	1.79E-05	4.35E+00	2.74E-02	6.65E+01	5.09E+02	7.14E+03	1.02E-01	7.14E+03	7.72E+03	5.75E+02	0.00E+00	0.00E+00	0.00E+00	7.02E+01
	HW1M306FE	2.68E+00	1.81E+02	-3.48E+01	2.15E+02	8.00E-04	0.00E+00	3.02E+04	4.59E-03	6.06E-01	6.58E+00	3.40E-01	8.52E+02	4.67E-06	1.49E-05	1.48E+03	1.44E+01	4.60E-01	1.46E+00	1.70E+00	5.82E+01	4.01E+03	1.12E+02	1.51E-05	1.35E-05	1.75E+00	2.66E-02	6.94E+01	5.09E+02	4.13E+03	9.56E-02	4.13E+03	4.70E+03	5.79E+02	0.00E+00	0.00E+00	5.13E-05	7.32E+01
	HW1M308DB	4.91E+00	2.93E+02	-3.05E+01	3.24E+02	1.48E-03	0.00E+00	3.65E+04	1.90E-02	7.26E-01	7.92E+00	5.07E-01	2.17E+03	1.86E-05	3.98E-05	4.31E+03	6.06E+01	6.87E-01	4.53E+00	4.34E+00	9.97E+01	6.98E+03	1.76E+02	7.19E-05	2.78E-05	2.25E+00	5.05E-02	1.70E+02	5.26E+02	7.15E+03	1.13E-01	7.15E+03	7.85E+03	6.96E+02	0.00E+00	0.00E+00	0.00E+00	1.88E+02
	HW1M308DE	4.99E+00	2.99E+02	-3.05E+01	3.29E+02	1.47E-03	0.00E+00	3.68E+04	1.90E-02	7.36E-01	8.03E+00	5.09E-01	2.18E+03	1.87E-05	4.00E-05	4.34E+03	6.06E+01	6.89E-01	4.53E+00	4.40E+00	1.00E+02	7.06E+03	1.80E+02	7.24E-05	2.82E-05	2.28E+00	5.08E-02	1.72E+02	5.26E+02	7.24E+03	1.14E-01	7.24E+03	7.94E+03	6.99E+02	0.00E+00	0.00E+00	5.13E-05	1.89E+02
	HW1M308FB	4.57E+00	3.79E+02	-3.49E+01	4.14E+02	9.32E-04	0.00E+00	3.35E+04	3.99E-03	1.57E+00	1.72E+01	3.33E-01	7.61E+02	4.55E-06	1.32E-05	1.23E+03	1.09E+01	4.51E-01	1.27E+00	1.63E+00	5.86E+01	7.03E+03	1.20E+02	1.80E-05	1.79E-05	4.35E+00	2.74E-02	6.65E+01	5.09E+02	7.14E+03	1.02E-01	7.14E+03	7.72E+03	5.75E+02	0.00E+00	0.00E+00	0.00E+00	7.02E+01
	HW1M308FE	2.68E+00	1.81E+02	-3.48E+01	2.15E+02	8.00E-04	0.00E+00	3.02E+04	4.59E-03	6.06E-01	6.58E+00	3.40E-01	8.52E+02	4.67E-06	1.49E-05	1.48E+03	1.44E+01	4.60E-01	1.46E+00	1.70E+00	5.82E+01	4.01E+03	1.12E+02	1.51E-05	1.35E-05	1.75E+00	2.66E-02	6.94E+01	5.09E+02	4.13E+03	9.56E-02	4.13E+03	4.70E+03	5.79E+02	0.00E+00	0.00E+00	5.13E-05	7.32E+01
	HW1M310DB	4.91E+00	2.93E+02	-3.05E+01	3.24E+02	1.48E-03	0.00E+00	3.65E+04	1.90E-02	7.26E-01	7.92E+00	5.07E-01	2.17E+03	1.86E-05	3.98E-05	4.31E+03	6.06E+01	6.87E-01	4.53E+00	4.34E+00	9.97E+01	6.98E+03	1.76E+02	7.19E-05	2.78E-05	2.25E+00	5.05E-02	1.70E+02	5.26E+02	7.15E+03	1.13E-01	7.15E+03	7.85E+03	6.96E+02	0.00E+00	0.00E+00	0.00E+00	1.88E+02
	HW1M310DE	4.99E+00	2.99E+02	-3.05E+01	3.29E+02	1.47E-03	0.00E+00	3.68E+04	1.90E-02	7.36E-01	8.03E+00	5.09E-01	2.18E+03	1.87E-05	4.00E-05	4.34E+03	6.06E+01	6.89E-01	4.53E+00	4.40E+00	1.00E+02	7.06E+03	1.80E+02	7.24E-05	2.82E-05	2.28E+00	5.08E-02	1.72E+02	5.26E+02	7.24E+03	1.14E-01	7.24E+03	7.94E+03	6.99E+02	0.00E+00	0.00E+00	5.13E-05	1.89E+02
	HW1M310FB	4.57E+00	3.79E+02	-3.49E+01	4.14E+02	9.32E-04	0.00E+00	3.35E+04	3.99E-03	1.57E+00	1.72E+01	3.33E-01	7.61E+02	4.55E-06	1.32E-05	1.23E+03	1.09E+01	4.51E-01	1.27E+00	1.63E+00	5.86E+01	7.03E+03	1.20E+02	1.80E-05	1.79E-05	4.35E+00	2.74E-02	6.65E+01	5.09E+02	7.14E+03	1.02E-01	7.14E+03	7.72E+03	5.75E+02	0.00E+00	0.00E+00	0.00E+00	7.02E+01
	HW1M310FE	1.36E+00	1.09E+02	2.38E+00	1.06E+02	9.07E-04	0.00E+00	3.33E+04	2.40E-03	1.26E-01	1.37E+00	1.17E-01	7.08E+02	2.82E-06	1.23E-05	1.16E+03	8.86E+00	1.58E-01	9.31E-01	1.31E+00	4.23E+01	2.49E+03	1.17E+02	1.61E-05	8.68E-06	4.46E-01	1.86E-02	9.74E+01	1.21E+01	2.61E+03	9.40E-02	2.61E+03	2.72E+03	1.10E+02	0.00E+00	0.00E+00	5.13E-05	5.62E+01
	HW1M312DE	4.99E+00	2.99E+02	-3.05E+01	3.29E+02	1.47E-03	0.00E+00	3.68E+04	1.90E-02	7.36E-01	8.03E+00	5.09E-01	2.18E+03	1.87E-05	4.00E-05	4.34E+03	6.06E+01	6.89E-01	4.53E+00	4.40E+00	1.00E+02	7.06E+03	1.80E+02	7.24E-05	2.82E-05	2.28E+00	5.08E-02	1.72E+02	5.26E+02	7.24E+03	1.14E-01	7.24E+03	7.94E+03	6.99E+02	0.00E+00	0.00E+00	5.13E-05	1.89E+02
	HW1M312FB	2.63E+00	1.77E+02	-3.48E+01	2.12E+02	8.26E-04	0.00E+00	2.99E+04	4.57E-03	6.01E-01	6.52E+00	3.38E-01	8.44E+02	4.55E-06	1.47E-05	1.45E+03	1.44E+01	4.57E-01	1.46E+00	1.65E+00	5.77E+01	3.96E+03	1.08E+02	1.47E-05	1.33E-05	1.74E+00	2.63E-02	6.80E+01	5.09E+02	4.07E+03	9.47E-02	4.07E+03	4.64E+03	5.77E+02	0.00E+00	0.00E+00	0.00E+00	7.10E+01
	HW1M312FE	2.68E+00	1.81E+02	-3.48E+01	2.15E+02	8.00E-04	0.00E+00	3.02E+04	4.59E-03	6.06E-01	6.58E+00	3.40E-01	8.52E+02	4.67E-06	1.49E-05	1.48E+03	1.44E+01	4.60E-01	1.46E+00	1.70E+00	5.82E+01	4.01E+03	1.12E+02	1.51E-05	1.35E-05	1.75E+00	2.66E-02	6.94E+01	5.09E+02	4.13E+03	9.56E-02	4.13E+03	4.70E+03	5.79E+02	0.00E+00	0.00E+00	5.13E-05	7.32E+01
	HW1M316DB	4.94E+00	2.94E+02	-3.05E+01	3.25E+02	1.48E-03	0.00E+00	3.65E+04	1.90E-02	7.32E-01	7.98E+00	5.07E-01	2.17E+03	1.86E-05	3.98E-05	4.31E+03	6.06E+01	6.87E-01	4.53E+00	4.34E+00	9.97E+01	6.99E+03	1.76E+02	7.19E-05	2.80E-05	2.28E+00	5.05E-02	1.70E+02	5.26E+02	7.16E+03	1.13E-01	7.16E+03	7.86E+03	6.96E+02	0.00E+00	0.00E+00	0.00E+00	1.88E+02
	HW1M316DE	4.99E+00	2.99E+02	-3.05E+01	3.29E+02	1.47E-03	0.00E+00	3.68E+04	1.90E-02	7.36E-01	8.03E+00	5.09E-01	2.18E+03	1.87E-05	4.00E-05	4.34E+03	6.06E+01	6.89E-01	4.53E+00	4.40E+00	1.00E+02	7.06E+03	1.80E+02	7.24E-05	2.82E-05	2.28E+00	5.08E-02	1.72E+02	5.26E+02	7.24E+03	1.14E-01	7.24E+03	7.94E+03	6.99E+02	0.00E+00	0.00E+00	5.13E-05	1.89E+02
	HW1M316FB	2.63E+00	1.77E+02	-3.48E+01	2.12E+02	8.26E-04	0.00E+00	2.99E+04	4.57E-03	6.01E-01	6.52E+00	3.38E-01	8.44E+02	4.55E-06	1.47E-05	1.45E+03	1.44E+01	4.57E-01	1.46E+00	1.65E+00	5.77E+01	3.96E+03	1.08E+02	1.47E-05	1.33E-05	1.74E+00	2.63E-02	6.80E+01	5.09E+02	4.07E+03	9.47E-02	4.07E+03	4.64E+03	5.77E+02	0.00E+00	0.00E+00	0.00E+00	7.10E+01
	HW1M316FE	2.68E+00	1.81E+02	-3.48E+01	2.15E+02	8.00E-04	0.00E+00	3.02E+04	4.59E-03	6.06E-01	6.58E+00	3.40E-01	8.52E+02	4.67E-06	1.49E-05	1.48E+03	1.44E+01	4.60E-01	1.46E+00	1.70E+00	5.82E+01	4.01E+03	1.12E+02	1.51E-05	1.35E-05	1.75E+00	2.66E-02	6.94E+01	5.09E+02	4.13E+03	9.56E-02	4.13E+03	4.70E+03	5.79E+02	0.00E+00	0.00E+00	5.13E-05	7.32E+01
	HW1M404DB	6.28E+00	3.69E+02	-1.66E+01	3.85E+02	1.76E-03	0.00E+00	4.59E+04	2.50E-02	9.10E-01	9.96E+00	5.05E-01	2.88E+03	2.19E-05	5.24E-05	5.70E+03	7.98E+01	6.84E-01	5.58E+00	5.55E+00	1.12E+02	8.20E+03	2.19E+02	8.03E-05	3.53E-05	2.84E+00	5.81E-02	2.55E+02	3.77E+02	8.41E+03	1.49E-01	8.41E+03	9.05E+03	6.31E+02	0.00E+00	0.00E+00	0.00E+00	2.38E+02
	HW1M404DE	6.56E+00	3.76E+02	-2.86E+01	4.05E+02	1.78E-03	0.00E+00	4.61E+04	2.51E-02	9.83E-01	1.07E+01	5.75E-01	2.84E+03	2.33E-05	5.22E-05	5.70E+03	7.99E+01	7.78E-01	5.68E+00	5.63E+00	1.19E+02	8.45E+03	2.22E+02	8.05E-05	3.68E-05	3.03E+00	6.08E-02	2.20E+02	5.33E+02	8.67E+03	1.37E-01	8.67E+03	9.42E+03	7.53E+02	0.00E+00	0.00E+00	5.12E-05	2.42E+02
	HW1M404FB	5.89E+00	4.99E+02	-3.42E+01	5.33E+02	1.02E-03	0.00E+00	4.37E+04	4.98E-03	2.06E+00	2.25E+01	3.60E-01	9.49E+02	4.67E-06	1.67E-05	1.56E+03	1.32E+01	4.88E-01	1.43E+00	2.05E+00	6.91E+01	8.90E+03	1.48E+02	2.11E-05	2.26E-05	5.69E+00	3.32E-02	8.92E+01	5.11E+02	9.05E+03	1.20E-01	9.05E+03	9.65E+03	6.01E+02	0.00E+00	0.00E+00	0.00E+00	8.81E+01
	HW1M404FE	3.41E+00	2.35E+02	-3.40E+01	2.69E+02	9.09E-04	0.00E+00	3.88E+04	5.93E-03	7.86E-01	8.55E+00	3.68E-01	1.08E+03	4.66E-06	1.91E-05	1.90E+03	1.85E+01	4.98E-01	1.76E+00	2.13E+00	6.81E+01	4.90E+03	1.34E+02	1.70E-05	1.71E-05	2.27E+00	3.21E-02	9.37E+01	5.12E+02	5.03E+03	1.13E-01	5.03E+03	5.64E+03	6.06E+02	0.00E+00	0.00E+00	5.12E-05	9.14E+01
	HW1M406DB	6.28E+00	3.69E+02	-1.66E+01	3.85E+02	1.76E-03	0.00E+00	4.59E+04	2.50E-02	9.10E-01	9.96E+00	5.05E-01	2.88E+03	2.19E-05	5.24E-05	5.70E+03	7.98E+01	6.84E-01	5.58E+00	5.55E+00	1.12E+02	8.20E+03	2.19E+02	8.03E-05	3.53E-05	2.84E+00	5.81E-02	2.55E+02	3.77E+02	8.41E+03	1.49E-01	8.41E+03	9.05E+03	6.31E+02	0.00E+00	0.00E+00	0.00E+00	2.38E+02
	HW1M406DE	6.56E+00	3.76E+02	-2.86E+01	4.05E+02	1.78E-03	0.00E+00	4.61E+04	2.51E-02	9.83E-01	1.07E+01	5.75E-01	2.84E+03	2.33E-05	5.22E-05	5.70E+03	7.99E+01	7.78E-01	5.68E+00	5.63E+00	1.19E+02	8.45E+03	2.22E+02	8.05E-05	3.68E-05	3.03E+00	6.08E-02	2.20E+02	5.33E+02	8.67E+03	1.37E-01	8.67E+03	9.42E+03	7.53E+02	0.00E+00	0.00E+00	5.12E-05	2.42E+02
	HW1M406FB	5.89E+00	4.99E+02	-3.42E+01	5.33E+02	1.02E-03	0.00E+00	4.37E+04	4.98E-03	2.06E+00	2.25E+01	3.60E-01	9.49E+02	4.67E-06	1.67E-05	1.56E+03	1.32E+01	4.88E-01	1.43E+00	2.05E+00	6.91E+01	8.90E+03	1.48E+02	2.11E-05	2.26E-05	5.69E+00	3.32E-02	8.92E+01	5.11E+02	9.05E+03	1.20E-01	9.05E+03	9.65E+03	6.01E+02	0.00E+00	0.00E+00	0.00E+00	8.81E+01
	HW1M406FE	3.41E+00	2.35E+02	-3.40E+01	2.69E+02	9.09E-04	0.00E+00	3.88E+04	5.93E-03	7.86E-01	8.55E+00	3.68E-01	1.08E+03	4.66E-06	1.91E-05	1.90E+03	1.85E+01	4.98E-01	1.76E+00	2.13E+00	6.81E+01	4.90E+03	1.34E+02	1.70E-05	1.71E-05	2.27E+00	3.21E-02	9.37E+01	5.12E+02	5.03E+03	1.13E-01	5.03E+03	5.64E+03	6.06E+02	0.00E+00	0.00E+00	5.12E-05	9.14E+01
	HW1M408DB	6.28E+00	3.69E+02	-1.66E+01	3.85E+02	1.76E-03	0.00E+00	4.59E+04	2.50E-02	9.10E-01	9.96E+00	5.05E-01	2.88E+03	2.19E-05	5.24E-05	5.70E+03	7.98E+01	6.84E-01	5.58E+00	5.55E+00	1.12E+02	8.20E+03	2.19E+02	8.03E-05	3.53E-05	2.84E+00	5.81E-02	2.55E+02	3.77E+02	8.41E+03	1.49E-01	8.41E+03	9.05E+03	6.31E+02	0.00E+00	0.00E+00	0.00E+00	2.38E+02
	HW1M408DE	6.56E+00	3.76E+02	-2.86E+01	4.05E+02	1.78E-03	0.00E+00	4.61E+04	2.51E-02	9.83E-01	1.07E+01	5.75E-01	2.84E+03	2.33E-05	5.22E-05	5.70E+03	7.99E+01	7.78E-01	5.68E+00	5.63E+00	1.19E+02	8.45E+03	2.22E+02	8.05E-05	3.68E-05	3.03E+00	6.08E-02	2.20E+02	5.33E+02	8.67E+03	1.37E-01	8.67E+03	9.42E+03	7.53E+02	0.00E+00	0.00E+00	5.12E-05	2.42E+02
	HW1M408FB	5.89E+00	4.99E+02	-3.42E+01	5.33E+02	1.02E-03	0.00E+00	4.37E+04	4.98E-03	2.06E+00	2.25E+01	3.60E-01	9.49E+02	4.67E-06	1.67E-05	1.56E+03	1.32E+01	4.88E-01	1.43E+00	2.05E+00	6.91E+01	8.90E+03	1.48E+02	2.11E-05	2.26E-05	5.69E+00	3.32E-02	8.92E+01	5.11E+02	9.05E+03	1.20E-01	9.05E+03	9.65E+03	6.01E+02	0.00E+00	0.00E+00	0.00E+00	8.81E+01
	HW1M408FE	3.41E+00	2.35E+02	-3.40E+01	2.69E+02	9.09E-04	0.00E+00	3.88E+04	5.93E-03	7.86E-01	8.55E+00	3.68E-01	1.08E+03	4.66E-06	1.91E-05	1.90E+03	1.85E+01	4.98E-01	1.76E+00	2.13E+00	6.81E+01	4.90E+03	1.34E+02	1.70E-05	1.71E-05	2.27E+00	3.21E-02	9.37E+01	5.12E+02	5.03E+03	1.13E-01	5.03E+03	5.64E+03	6.06E+02	0.00E+00	0.00E+00	5.12E-05	9.14E+01
	HW1M410DB	6.28E+00	3.69E+02	-1.66E+01	3.85E+02	1.76E-03	0.00E+00	4.59E+04	2.50E-02	9.10E-01	9.96E+00	5.05E-01	2.88E+03	2.19E-05	5.24E-05	5.70E+03	7.98E+01	6.84E-01	5.58E+00	5.55E+00	1.12E+02	8.20E+03	2.19E+02	8.03E-05	3.53E-05	2.84E+00	5.81E-02	2.55E+02	3.77E+02	8.41E+03	1.49E-01	8.41E+03	9.05E+03	6.31E+02	0.00E+00	0.00E+00	0.00E+00	2.38E+02
	HW1M410DE	6.54E+00	3.76E+02	-2.86E+01	4.04E+02	1.78E-03	0.00E+00	4.61E+04	2.51E-02	9.77E-01	1.07E+01	5.75E-01	2.84E+03	2.33E-05	5.22E-05	5.70E+03	7.99E+01	7.78E-01	5.66E+00	5.63E+00	1.19E+02	8.43E+03	2.22E+02	8.05E-05	3.67E-05	3.02E+00	6.12E-02	2.20E+02	5.33E+02	8.65E+03	1.37E-01	8.65E+03	9.40E+03	7.52E+02	0.00E+00	0.00E+00	5.12E-05	2.42E+02
	HW1M410FB	5.89E+00	4.99E+02	-3.42E+01	5.33E+02	1.02E-03	0.00E+00	4.37E+04	4.98E-03	2.06E+00	2.25E+01	3.60E-01	9.49E+02	4.67E-06	1.67E-05	1.56E+03	1.32E+01	4.88E-01	1.43E+00	2.05E+00	6.91E+01	8.90E+03	1.48E+02	2.11E-05	2.26E-05	5.69E+00	3.32E-02	8.92E+01	5.11E+02	9.05E+03	1.20E-01	9.05E+03	9.65E+03	6.01E+02	0.00E+00	0.00E+00	0.00E+00	8.81E+01
	HW1M410FE	3.39E+00	2.34E+02	-3.40E+01	2.68E+02	9.09E-04	0.00E+00	3.88E+04	5.92E-03	7.80E-01	8.48E+00	3.68E-01	1.08E+03	4.66E-06	1.91E-05	1.90E+03	1.85E+01	4.98E-01	1.76E+00	2.13E+00	6.81E+01	4.88E+03	1.34E+02	1.70E-05	1.69E-05	2.25E+00	3.21E-02	9.27E+01	5.12E+02	5.01E+03	1.13E-01	5.01E+03	5.62E+03	6.05E+02	0.00E+00	0.00E+00	5.12E-05	9.14E+01
	HW1M412DB	6.28E+00	3.69E+02	-1.66E+01	3.85E+02	1.76E-03	0.00E+00	4.59E+04	2.50E-02	9.10E-01	9.96E+00	5.05E-01	2.88E+03	2.19E-05	5.24E-05	5.70E+03	7.98E+01	6.84E-01	5.58E+00	5.55E+00	1.12E+02	8.20E+03	2.19E+02	8.03E-05	3.53E-05	2.84E+00	5.81E-02	2.55E+02	3.77E+02	8.41E+03	1.49E-01	8.41E+03	9.05E+03	6.31E+02	0.00E+00	0.00E+00	0.00E+00	2.38E+02
	HW1M412DE	6.54E+00	3.76E+02	-2.86E+01	4.04E+02	1.78E-03	0.00E+00	4.61E+04	2.51E-02	9.77E-01	1.07E+01	5.75E-01	2.84E+03	2.33E-05	5.22E-05	5.70E+03	7.99E+01	7.78E-01	5.66E+00	5.63E+00	1.19E+02	8.43E+03	2.22E+02	8.05E-05	3.67E-05	3.02E+00	6.12E-02	2.20E+02	5.33E+02	8.65E+03	1.37E-01	8.65E+03	9.40E+03	7.52E+02	0.00E+00	0.00E+00	5.12E-05	2.42E+02
	HW1M412FB	5.89E+00	4.99E+02	-3.42E+01	5.33E+02	1.02E-03	0.00E+00	4.37E+04	4.98E-03	2.06E+00	2.25E+01	3.60E-01	9.49E+02	4.67E-06	1.67E-05	1.56E+03	1.32E+01	4.88E-01	1.43E+00	2.05E+00	6.91E+01	8.90E+03	1.48E+02	2.11E-05	2.26E-05	5.69E+00	3.32E-02	8.92E+01	5.11E+02	9.05E+03	1.20E-01	9.05E+03	9.65E+03	6.01E+02	0.00E+00	0.00E+00	0.00E+00	8.81E+01
	HW1M412FE	3.39E+00	2.34E+02	-3.40E+01	2.68E+02	9.09E-04	0.00E+00	3.88E+04	5.92E-03	7.80E-01	8.48E+00	3.68E-01	1.08E+03	4.66E-06	1.91E-05	1.90E+03	1.85E+01	4.98E-01	1.76E+00	2.13E+00	6.81E+01	4.88E+03	1.34E+02	1.70E-05	1.69E-05	2.25E+00	3.21E-02	9.27E+01	5.12E+02	5.01E+03	1.13E-01	5.01E+03	5.62E+03	6.05E+02	0.00E+00	0.00E+00	5.12E-05	9.14E+01
	HW1M416DB	6.28E+00	3.69E+02	-1.66E+01	3.85E+02	1.76E-03	0.00E+00	4.59E+04	2.50E-02	9.10E-01	9.96E+00	5.05E-01	2.88E+03	2.19E-05	5.24E-05	5.70E+03	7.98E+01	6.84E-01	5.58E+00	5.55E+00	1.12E+02	8.20E+03	2.19E+02	8.03E-05	3.53E-05	2.84E+00	5.81E-02	2.55E+02	3.77E+02	8.41E+03	1.49E-01	8.41E+03	9.05E+03	6.31E+02	0.00E+00	0.00E+00	0.00E+00	2.38E+02

HW1N416DE	6.54E+00	3.76E+02	-2.86E+01	4.04E+02	1.78E-03	0.00E+00	4.61E+04	2.51E-02	9.77E-01	1.07E+01	5.75E-01	2.84E+03	2.33E-05	5.22E-05	5.70E+03	7.99E+01	7.78E-01	5.66E+00	5.63E+00	1.19E+02	8.43E+03	2.22E+02	8.05E-05	3.67E-05	3.02E+00	6.12E-02	2.20E+02	5.33E+02	8.65E+03	1.37E-01	8.65E+03	9.40E+03	7.52E+02	0.00E+00	0.00E+00	5.12E-05	2.42E+02
HW1N416FB	3.24E+00	2.29E+02	-2.20E+01	2.51E+02	9.02E-04	0.00E+00	3.86E+04	5.76E-03	7.39E-01	8.08E+00	2.98E-01	1.11E+03	3.20E-06	1.93E-05	1.90E+03	1.84E+01	4.04E-01	1.68E+00	2.05E+00	6.11E+01	4.67E+03	1.32E+02	1.68E-05	1.61E-05	2.15E+00	2.92E-02	1.25E+02	3.56E+02	4.80E+03	1.25E-01	4.80E+03	5.28E+03	4.81E+02	0.00E+00	0.00E+00	0.00E+00	8.81E+01
HW1N416FE	3.39E+00	2.34E+02	-3.40E+01	2.68E+02	9.09E-04	0.00E+00	3.88E+04	5.92E-03	7.80E-01	8.48E+00	3.68E-01	1.08E+03	4.66E-06	1.91E-05	1.90E+03	1.85E+01	4.98E-01	1.76E+00	2.13E+00	6.81E+01	4.88E+03	1.34E+02	1.70E-05	1.69E-05	2.25E+00	3.21E-02	9.27E+01	5.12E+02	5.01E+03	1.13E-01	5.01E+03	5.62E+03	6.05E+02	0.00E+00	0.00E+00	5.12E-05	9.14E+01
HW1W304DS	4.70E+00	2.75E+02	-1.89E+01	2.94E+02	1.24E-03	0.00E+00	3.34E+04	1.87E-02	6.93E-01	7.60E+00	4.27E-01	2.14E+03	1.69E-05	3.90E-05	4.22E+03	5.89E+01	5.78E-01	4.39E+00	4.12E+00	8.07E+01	6.49E+03	1.60E+02	6.99E-05	2.64E-05	2.16E+00	4.12E-02	1.73E+02	3.69E+02	6.65E+03	1.12E-01	6.65E+03	7.19E+03	5.42E+02	0.00E+00	0.00E+00	0.00E+00	1.77E+02
HW1W304FS	2.45E+00	1.59E+02	-3.52E+01	1.94E+02	5.88E-04	0.00E+00	2.71E+04	4.45E-03	5.78E-01	6.27E+00	3.27E-01	8.12E+02	4.29E-06	1.39E-05	1.37E+03	1.28E+01	4.43E-01	1.42E+00	1.50E+00	4.51E+01	3.62E+03	9.38E+01	1.30E-05	1.21E-05	1.66E+00	1.96E-02	4.03E+01	5.08E+02	3.71E+03	9.41E-02	3.71E+03	4.26E+03	5.48E+02	0.00E+00	0.00E+00	0.00E+00	6.43E+01
HW1W306DS	4.70E+00	2.75E+02	-1.89E+01	2.94E+02	1.24E-03	0.00E+00	3.34E+04	1.87E-02	6.93E-01	7.60E+00	4.27E-01	2.14E+03	1.69E-05	3.90E-05	4.22E+03	5.89E+01	5.78E-01	4.39E+00	4.12E+00	8.07E+01	6.49E+03	1.60E+02	6.99E-05	2.64E-05	2.16E+00	4.12E-02	1.73E+02	3.69E+02	6.65E+03	1.12E-01	6.65E+03	7.19E+03	5.42E+02	0.00E+00	0.00E+00	0.00E+00	1.77E+02
HW1W306FS	2.45E+00	1.59E+02	-3.52E+01	1.94E+02	5.88E-04	0.00E+00	2.71E+04	4.45E-03	5.78E-01	6.27E+00	3.27E-01	8.12E+02	4.29E-06	1.39E-05	1.37E+03	1.28E+01	4.43E-01	1.42E+00	1.50E+00	4.51E+01	3.62E+03	9.38E+01	1.30E-05	1.21E-05	1.66E+00	1.96E-02	4.03E+01	5.08E+02	3.71E+03	9.41E-02	3.71E+03	4.26E+03	5.48E+02	0.00E+00	0.00E+00	0.00E+00	6.43E+01
HW1W308DS	4.70E+00	2.75E+02	-1.89E+01	2.94E+02	1.24E-03	0.00E+00	3.34E+04	1.87E-02	6.93E-01	7.60E+00	4.27E-01	2.14E+03	1.69E-05	3.90E-05	4.22E+03	5.89E+01	5.78E-01	4.39E+00	4.12E+00	8.07E+01	6.49E+03	1.60E+02	6.99E-05	2.64E-05	2.16E+00	4.12E-02	1.73E+02	3.69E+02	6.65E+03	1.12E-01	6.65E+03	7.19E+03	5.42E+02	0.00E+00	0.00E+00	0.00E+00	1.77E+02
HW1W308FS	1.62E+00	7.57E+01	-3.54E+01	1.11E+02	6.87E-04	0.00E+00	3.05E+04	2.52E-03	1.76E-01	1.85E+00	3.20E-01	6.68E+02	4.15E-06	1.16E-05	1.05E+03	7.97E+00	4.33E-01	1.15E+00	1.19E+00	4.52E+01	2.44E+03	1.05E+02	1.55E-05	8.88E-06	5.64E-01	2.04E-02	3.44E+01	5.07E+02	2.55E+03	9.24E-02	2.55E+03	3.09E+03	5.42E+02	0.00E+00	0.00E+00	0.00E+00	5.10E+01
HW1W310DS	4.12E+00	1.95E+02	-3.12E+01	2.26E+02	1.36E-03	0.00E+00	3.73E+04	1.70E-02	3.12E-01	3.37E+00	4.89E-01	1.99E+03	1.74E-05	3.85E-05	3.89E+03	5.42E+01	6.62E-01	4.22E+00	3.80E+00	8.80E+01	5.47E+03	1.71E+02	7.24E-05	2.37E-05	1.11E+00	4.57E-02	1.31E+02	5.24E+02	5.64E+03	1.10E-01	5.64E+03	6.30E+03	6.55E+02	0.00E+00	0.00E+00	0.00E+00	1.63E+02
HW1W310FS	2.45E+00	1.59E+02	-3.52E+01	1.94E+02	5.88E-04	0.00E+00	2.71E+04	4.45E-03	5.78E-01	6.27E+00	3.27E-01	8.12E+02	4.29E-06	1.39E-05	1.37E+03	1.28E+01	4.43E-01	1.42E+00	1.50E+00	4.51E+01	3.62E+03	9.38E+01	1.30E-05	1.21E-05	1.66E+00	1.96E-02	4.03E+01	5.08E+02	3.71E+03	9.41E-02	3.71E+03	4.26E+03	5.48E+02	0.00E+00	0.00E+00	0.00E+00	6.43E+01
HW1W312DS	4.70E+00	2.75E+02	-1.89E+01	2.94E+02	1.24E-03	0.00E+00	3.34E+04	1.87E-02	6.93E-01	7.60E+00	4.27E-01	2.14E+03	1.69E-05	3.90E-05	4.22E+03	5.89E+01	5.78E-01	4.39E+00	4.12E+00	8.07E+01	6.49E+03	1.60E+02	6.99E-05	2.64E-05	2.16E+00	4.12E-02	1.73E+02	3.69E+02	6.65E+03	1.12E-01	6.65E+03	7.19E+03	5.42E+02	0.00E+00	0.00E+00	0.00E+00	1.77E+02
HW1W312FS	2.45E+00	1.59E+02	-3.52E+01	1.94E+02	5.88E-04	0.00E+00	2.71E+04	4.45E-03	5.78E-01	6.27E+00	3.27E-01	8.12E+02	4.29E-06	1.39E-05	1.37E+03	1.28E+01	4.43E-01	1.42E+00	1.50E+00	4.51E+01	3.62E+03	9.38E+01	1.30E-05	1.21E-05	1.66E+00	1.96E-02	4.03E+01	5.08E+02	3.71E+03	9.41E-02	3.71E+03	4.26E+03	5.48E+02	0.00E+00	0.00E+00	0.00E+00	6.43E+01
HW1W316DS	4.70E+00	2.75E+02	-1.89E+01	2.94E+02	1.24E-03	0.00E+00	3.34E+04	1.87E-02	6.93E-01	7.60E+00	4.27E-01	2.14E+03	1.69E-05	3.90E-05	4.22E+03	5.89E+01	5.78E-01	4.39E+00	4.12E+00	8.07E+01	6.49E+03	1.60E+02	6.99E-05	2.64E-05	2.16E+00	4.12E-02	1.73E+02	3.69E+02	6.65E+03	1.12E-01	6.65E+03	7.19E+03	5.42E+02	0.00E+00	0.00E+00	0.00E+00	1.77E+02
HW1W316FS	2.96E+00	2.09E+02	-3.51E+01	2.44E+02	6.88E-04	0.00E+00	3.06E+04	4.65E-03	8.12E-01	8.84E+00	3.27E-01	8.13E+02	4.31E-06	1.41E-05	1.37E+03	1.31E+01	4.43E-01	1.43E+00	1.54E+00	4.52E+01	4.43E+03	1.05E+02	1.64E-05	1.36E-05	2.30E+00	2.01E-02	4.15E+01	5.08E+02	4.54E+03	9.41E-02	4.54E+03	5.09E+03	5.50E+02	0.00E+00	0.00E+00	0.00E+00	6.62E+01
HW1W404DS	4.63E+00	2.17E+02	-2.95E+01	2.47E+02	1.66E-03	0.00E+00	4.75E+04	2.24E-02	3.56E-01	3.85E+00	5.52E-01	2.61E+03	2.31E-05	4.77E-05	5.15E+03	7.14E+01	7.47E-01	5.24E+00	4.99E+00	1.03E+02	5.93E+03	2.16E+02	8.07E-05	2.92E-05	1.30E+00	5.37E-02	1.39E+02	5.30E+02	6.14E+03	1.34E-01	6.14E+03	6.81E+03	6.70E+02	0.00E+00	0.00E+00	0.00E+00	2.14E+02
HW1W404FS	1.72E+00	9.57E+01	-3.48E+01	1.31E+02	7.76E-04	0.00E+00	4.00E+04	3.19E-03	2.00E-01	2.11E+00	3.44E-01	8.50E+02	4.38E-06	1.47E-05	1.36E+03	1.00E+01	4.66E-01	1.30E+00	1.51E+00	5.25E+01	2.82E+03	1.31E+02	1.83E-05	1.08E-05	6.53E-01	2.43E-02	4.99E+01	5.10E+02	2.95E+03	1.10E-01	2.95E+03	3.51E+03	5.60E+02	0.00E+00	0.00E+00	0.00E+00	6.47E+01
HW1W406DS	6.07E+00	3.44E+02	-1.72E+01	3.61E+02	1.52E-03	0.00E+00	4.24E+04	2.48E-02	8.90E-01	9.76E+00	4.92E-01	2.84E+03	2.16E-05	5.14E-05	5.60E+03	7.79E+01	6.66E-01	5.53E+00	5.35E+00	9.56E+01	7.75E+03	2.02E+02	7.84E-05	3.40E-05	2.77E+00	4.95E-02	2.15E+02	3.75E+02	7.95E+03	1.48E-01	7.95E+03	8.54E+03	5.91E+02	0.00E+00	0.00E+00	0.00E+00	2.30E+02
HW1W406FS	3.10E+00	2.07E+02	-3.45E+01	2.42E+02	6.63E-04	0.00E+00	3.54E+04	5.77E-03	7.39E-01	8.03E+00	3.54E-01	1.04E+03	4.40E-06	1.81E-05	1.79E+03	1.66E+01	4.80E-01	1.71E+00	1.91E+00	5.16E+01	4.41E+03	1.17E+02	1.51E-05	1.51E-05	2.12E+00	2.32E-02	5.66E+01	5.11E+02	4.53E+03	1.13E-01	4.53E+03	5.10E+03	5.67E+02	0.00E+00	0.00E+00	0.00E+00	8.19E+01
HW1W408DS	6.07E+00	3.44E+02	-1.72E+01	3.61E+02	1.52E-03	0.00E+00	4.24E+04	2.48E-02	8.90E-01	9.76E+00	4.92E-01	2.84E+03	2.16E-05	5.14E-05	5.60E+03	7.79E+01	6.66E-01	5.53E+00	5.35E+00	9.56E+01	7.75E+03	2.02E+02	7.84E-05	3.40E-05	2.77E+00	4.95E-02	2.15E+02	3.75E+02	7.95E+03	1.48E-01	7.95E+03	8.54E+03	5.91E+02	0.00E+00	0.00E+00	0.00E+00	2.30E+02
HW1W408FS	3.10E+00	2.07E+02	-3.45E+01	2.42E+02	6.63E-04	0.00E+00	3.54E+04	5.77E-03	7.39E-01	8.03E+00	3.54E-01	1.04E+03	4.40E-06	1.81E-05	1.79E+03	1.66E+01	4.80E-01	1.71E+00	1.91E+00	5.16E+01	4.41E+03	1.17E+02	1.51E-05	1.51E-05	2.12E+00	2.32E-02	5.66E+01	5.11E+02	4.53E+03	1.13E-01	4.53E+03	5.10E+03	5.67E+02	0.00E+00	0.00E+00	0.00E+00	8.19E+01
HW1W410DS	6.07E+00	3.44E+02	-1.72E+01	3.61E+02	1.52E-03	0.00E+00	4.24E+04	2.48E-02	8.90E-01	9.76E+00	4.92E-01	2.84E+03	2.16E-05	5.14E-05	5.60E+03	7.79E+01	6.66E-01	5.53E+00	5.35E+00	9.56E+01	7.75E+03	2.02E+02	7.84E-05	3.40E-05	2.77E+00	4.95E-02	2.15E+02	3.75E+02	7.95E+03	1.48E-01	7.95E+03	8.54E+03	5.91E+02	0.00E+00	0.00E+00	0.00E+00	2.30E+02
HW1W410FS	3.10E+00	2.07E+02	-3.45E+01	2.42E+02	6.63E-04	0.00E+00	3.54E+04	5.77E-03	7.39E-01	8.03E+00	3.54E-01	1.04E+03	4.40E-06	1.81E-05	1.79E+03	1.66E+01	4.80E-01	1.71E+00	1.91E+00	5.16E+01	4.41E+03	1.17E+02	1.51E-05	1.51E-05	2.12E+00	2.32E-02	5.66E+01	5.11E+02	4.53E+03	1.13E-01	4.53E+03	5.10E+03	5.67E+02	0.00E+00	0.00E+00	0.00E+00	8.19E+01
HW1W412DS	6.07E+00	3.44E+02	-1.72E+01	3.61E+02	1.52E-03	0.00E+00	4.24E+04	2.48E-02	8.90E-01	9.76E+00	4.92E-01	2.84E+03	2.16E-05	5.14E-05	5.60E+03	7.79E+01	6.66E-01	5.53E+00	5.35E+00	9.56E+01	7.75E+03	2.02E+02	7.84E-05	3.40E-05	2.77E+00	4.95E-02	2.15E+02	3.75E+02	7.95E+03	1.48E-01	7.95E+03	8.54E+03	5.91E+02	0.00E+00	0.00E+00	0.00E+00	2.30E+02
HW1W412FS	3.10E+00	2.07E+02	-3.45E+01	2.42E+02	6.63E-04	0.00E+00	3.54E+04	5.77E-03	7.39E-01	8.03E+00	3.54E-01	1.04E+03	4.40E-06	1.81E-05	1.79E+03	1.66E+01	4.80E-01	1.71E+00	1.91E+00	5.16E+01	4.41E+03	1.17E+02	1.51E-05	1.51E-05	2.12E+00	2.32E-02	5.66E+01	5.11E+02	4.53E+03	1.13E-01	4.53E+03	5.10E+03	5.67E+02	0.00E+00	0.00E+00	0.00E+00	8.19E+01
HW1W416DS	6.07E+00	3.44E+02	-1.72E+01	3.61E+02	1.52E-03	0.00E+00	4.24E+04	2.48E-02	8.90E-01	9.76E+00	4.92E-01	2.84E+03	2.16E-05	5.14E-05	5.60E+03	7.79E+01	6.66E-01	5.53E+00	5.35E+00	9.56E+01	7.75E+03	2.02E+02	7.84E-05	3.40E-05	2.77E+00	4.95E-02	2.15E+02	3.75E+02	7.95E+03	1.48E-01	7.95E+03	8.54E+03	5.91E+02	0.00E+00	0.00E+00	0.00E+00	2.30E+02
HW1W416FS	3.10E+00	2.07E+02	-3.45E+01	2.42E+02	6.63E-04	0.00E+00	3.54E+04	5.77E-03	7.39E-01	8.03E+00	3.54E-01	1.04E+03	4.40E-06	1.81E-05	1.79E+03	1.66E+01	4.80E-01	1.71E+00	1.91E+00	5.16E+01	4.41E+03	1.17E+02	1.51E-05	1.51E-05	2.12E+00	2.32E-02	5.66E+01	5.11E+02	4.53E+03	1.13E-01	4.53E+03	5.10E+03	5.67E+02	0.00E+00	0.00E+00	0.00E+00	8.19E+01
HF2S325DCIH-MTS	8.95E+00	4.78E+02	-1.84E+01	4.96E+02	3.42E-03	0.00E+00	1.50E+04	1.33E-02	6.36E-01	6.97E+00	9.55E-01	4.94E+03	1.17E-05	8.75E-05	1.03E+04	5.82E+01	1.29E+00	3.16E+00	1.01E+01	2.26E+02	1.50E+04	5.62E+02	3.92E-05	5.55E-05	2.40E+00	1.19E-01	3.56E+02	6.18E+02	1.55E+04	1.60E-01	1.55E+04	1.65E+04	9.74E+02	0.00E+00	0.00E+00	8.47E-06	4.33E+02
HF2S325DEIH-MTS	9.01E+00	4.86E+02	-1.83E+01	5.04E+02	3.74E-03	0.00E+00	1.53E+04	1.33E-02	6.42E-01	7.04E+00	9.58E-01	4.96E+03	1.17E-05	8.77E-05	1.06E+04	5.91E+01	1.30E+00	3.34E+00	1.01E+01	2.28E+02	1.51E+04	5.71E+02	3.98E-05	5.57E-05	2.42E+00	1.20E-01	3.50E+02	6.18E+02	1.56E+04	1.61E-01	1.56E+04	1.66E+04	9.68E+02	0.00E+00	0.00E+00	5.83E-05	4.36E+02
HF2S425DCIH-MTS	1.15E+01	5.88E+02	-1.25E+01	6.00E+02	3.82E-03	0.00E+00	1.77E+04	1.76E-02	7.69E-01	8.44E+00	1.12E+00	6.55E+03	1.53E-05	1.16E-04	1.36E+04	7.44E+01	1.52E+00	4.02E+00	1.30E+01	2.79E+02	1.74E+04	7.08E+02	5.01E-05	7.14E-05	2.94E+00	1.49E-01	4.41E+02	6.34E+02	1.81E+04	2.12E-01	1.81E+04	1.92E+04	1.08E+03	0.00E+00	0.00E+00	8.47E-06	5.57E+02
HF2S425DEIH-MTS	1.16E+01	5.96E+02	-1.24E+01	6.09E+02	4.15E-03	0.00E+00	1.78E+04	1.76E-02	7.76E-01	8.52E+00	1.12E+00	6.57E+03	1.53E-05	1.16E-04	1.40E+04	7.54E+01	1.52E+00	4.19E+00	1.30E+01	2.81E+02	1.76E+04	7.17E+02	5.08E-05	7.17E-05	2.97E+00	1.50E-01	4.47E+02	6.35E+02	1.83E+04	2.13E-01	1.83E+04	1.94E+04	1.08E+03	0.00E+00	0.00E+00	5.83E-05	5.60E+02
HF2W325DSAH-MTS	8.82E+00	4.60E+02	-1.85E+01	4.79E+02	3.05E-03	0.00E+00	1.38E+04	1.32E-02	6.20E-01	6.80E+00	9.48E-01	4.89E+03	1.13E-05	8.70E-05	1.02E+04	5.68E+01	1.28E+00	3.15E+00	9.90E+00	2.20E+02	1.46E+04	5.49E+02	3.69E-05	5.46E-05	2.34E+00	1.16E-01	3.33E+02	6.17E+02	1.52E+04	1.57E-01	1.52E+04	1.61E+04	9.50E+02	0.00E+00	0.00E+00	0.00E+00	4.25E+02
HF2W425DSAH-MTS	1.14E+01	5.71E+02	-1.26E+01	5.83E+02	3.45E-03	0.00E+00	1.68E+04	1.75E-02	7.54E-01	8.28E+00	1.12E+00	6.50E+03	1.49E-05	1.15E-04	1.36E+04	7.31E+01	1.51E+00	4.01E+00	1.28E+01	2.73E+02	1.72E+04	6.96E+02	4.79E-05	7.07E-05	2.89E+00	1.46E-01	4.30E+02	6.33E+02	1.79E+04	2.09E-01	1.79E+04	1.89E+04	1.06E+03	0.00E+00	0.00E+00	0.00E+00	5.50E+02
HF2W420FSAI-MTS	6.20E+00	3.36E+02	-2.59E+01	3.62E+02	2.07E-03	0.00E+00	1.49E+04	1.63E-02	4.82E-01	5.27E+00	7.45E-01	3.29E+03	1.40E-05	5.76E-05	6.58E+03	6.13E+01	1.01E+00	3.43E+00	7.01E+00	1.74E+02	1.03E+04	4.80E+02	2.76E-05	3.87E-05	1.77E+00	9.27E-02	2.62E+02	5.97E+02	1.08E+04	1.56E-01	1.08E+04	1.17E+04	8.59E+02	0.00E+00	0.00E+00	0.00E+00	3.01E+02
HF2E420FCHI-MTS	6.33E+00	3.53E+02	-2.58E+01	3.79E+02	2.43E-03	0.00E+00	1.57E+04	1.64E-02	4.96E-01	5.43E+00	7.51E-01	3.35E+03	1.44E-05	5.80E-05	6.61E+03	6.26E+01	1.02E+00	3.44E+00	7.19E+00	1.80E+02	1.06E+04	4.93E+02	2.99E-05	3.94E-05	1.82E+00	9.54E-02	2.73E+02	5.98E+02	1.11E+04	1.59E-01	1.11E+04	1.20E+04	8.71E+02	0.00E+00	0.00E+00	8.47E-06	3.09E+02
HF2S325FCIH-MTS	5.11E+00	2.87E+02	-2.87E+01	3.16E+02	2.02E-03	0.00E+00	1.33E+04	1.31E-02	4.19E-01	4.58E+00	6.56E-01	2.63E+03	1.10E-05	4.58E-05	5.20E+03	5.03E+01	8.88E-01	2.82E+00	5.81E+00	1.48E+02	8.93E+03	3.93E+02	2.44E-05	3.18E-05	1.52E+00	7.75E-02	2.22E+02	5.88E+02	9.32E+03	1.23E-01	9.32E+03	1.01E+04	8.10E+02	0.00E+00	0.00E+00	8.47E-06	2.50E+02
HF2S325FEIH-MTS	5.15E+00	2.93E+02	-2.86E+01	3.22E+02	2.33E-03	0.00E+00	1.36E+04	1.31E-02	4.24E-01	4.63E+00	6.58E-01	2.66E+03	1.10E-05	4.60E-05	5.53E+03	5.13E+01	8.90E-01	2.82E+00	5.87E+00	1.50E+02	9.01E+03	4.01E+02	2.50E-05	3.20E-05	1.53E+00	7.84E-02	2.25E+02	5.88E+02	9.41E+03	1.24E-01	9.41E+03	1.02E+04	8.14E+02	0.00E+00	0.00E+00	5.83E-05	2.52E+02
HF2S425FCIH-MTS	6.45E+00	3.56E+02	-2.56E+01	3.82E+02	2.43E-03	0.00E+00	1.58E+04	1.74E-02	5.01E-01	5.48E+00	7.55E-01	3.43E+03	1.44E-05	5.95E-05	6.79E+03	6.57E+01	1.02E+00	3.59E+00	7.33E+00	1.83E+02	1.06E+04	4.93E+02	3.03E-05	4.02E-05	1.84E+00	9.72E-02	2.78E+02	5.98E+02	1.11E+04	1.62E-01	1.11E+04	1.20E+04	8.76E+02	0.00E+00	0.00E+00	8.47E-06	3.15E+02
HF2S425FEIH-MTS	6.49E+00	3.61E+02	-2.55E+01	3.87E+02	2.74E-03	0.00E+00	1.59E+04	1.74E-02	5.05E-01	5.53E+00	7.57E-01	3.45E+03	1.44E-05	5.97E-05	7.11E+03	6.66E+01	1.02E+00	3.59E+00	7.38E+00	1.85E+02	1.07E+04	5.00E+02	3.09E-05	4.04E-05	1.85E+00	9.81E-02	2.82E+02	5.98E+02	1.12E+04	1.62E-01	1.12E+04	1.21E+04	8.80E+02	0.00E+00	0.00E+00	5.83E-05	3.17E+02
HF2W325FSAH-MTS	4.84E+00	2.54E+02	-2.91E+01	2.83E+02	1.63E-03	0.00E+00	7.60E+03	1.29E-02	3.99E-01	4.36E+00	6.37E-01	2.55E+03	1.06E-05	4.45E-05	5.11E+03	4.85E+01	8.62E-01	2.75E+00	5.45E+00	1.34E+02	8.48E+03	3.66E+02	2.16E-05	3.02E-05	1.44E+00	7.13E-02	1.91E+02	5.86E+02	8.84E+03	1.20E-01	8.84E+03	9.62E+03	7.76E+02	0.00E+00	0.00E+00	0.00E+00	2.34E+02
HF2W425FSAH-MTS	6.32E+00	3.39E+02	-2.57E+01	3.65E+02	2.07E-03	0.00E+00	1.49E+04	1.73E-02	4.86E-01	5.32E+00	7.49E-01	3.37E+03	1.40E-05	5.91E-05	6.75E+03	6.44E+01	1.01E+00	3.58E+00	7.16E+00	1.77E+02	1.04E+04	4.80E+02	2.81E-05	3.94E-05	1.79E+00	9.45E-02	2.67E+02	5.97E+02	1.09E+04	1.59E-01	1.09E+04	1.17E+04	8.64E+02	0.00E+00	0.00E+00	0.00E+00	3.07E+02
HF2W425FSAI-MTS	6.20E+00	3.36E+02	-2.59E+01	3.62E+02	2.07E-03	0.00E+00	1.49E+04	1.63E-02	4.82E-01	5.27E+00	7.45E-01	3.29E+03	1.40E-05	5.76E-05	6.58E+03	6.13E+01	1.01E+00	3.43E+00	7.01E+00	1.74E+02	1.03E+04	4.80E+02	2.76E-05	3.87E-05	1.77E+00	9.27E-02	2.62E+02	5.97E+02	1.08E+04	1.56E-01	1.08E+04	1.17E+04	8.59E+02	0.00E+00	0.00E+00	0.00E+00	3.01E+02
HF2E425FCII-MTS	6.33E+00	3.53E+02	-2.58E+01	3.79E+02	2.43E-03	0.00E+00	1.57E+04	1.64E-02	4.96E-01	5.43E+00	7.51E-01	3.35E+03	1.44E-05	5.80E-05	6.61E+03	6.26E+01	1.02E+00	3.44E+00	7.19E+00	1.80E+02	1.06E+04	4.93E+02	2.99E-05	3.94E-05	1.82E+00	9.54E-02	2.73E+02	5.98E+02	1.11E+04	1.59E-01	1.11E+04	1.20E+04	8.71E+02	0.00E+00	0.00E+00	8.47E-06	3.09E+02
HW2E306DB	7.33E+00	4.27E+02	-2.04E+01	4.47E+02	3.21E-03	0.00E+00	1.45E+04	9.51E-04	5.77E-01	6.30E+00	8.98E-01	3.88E+03	1.15E-05	6.82E-05	8.03E+03	1.95E+01	1.21E+00	1.17E+00	8.13E+00	2.09E+02	1.42E+04	5.57E+02	3.15E-05	4.59E-05	2.12E+00	1.10E-01	2.91E+02	6.12E+02	1.48E+04	1.43E-01	1.48E+04	1.57E+04	9.03E+02	0.00E+00	0.00E+00	8.40E-04	3.49E+02
HW2E306DE	7.34E+00	4.28E+02	-2.04E+01	4.49E+02	3.49E-03	0.00E+00	1.47E+04	9.74E-04	5.79E-01	6.32E+00	8.99E-01	3.89E+03	1.15E-05	6.82E-05	8.04E+03	2.03E+01	1.22E+00	1.17E+00	8.16E+00	2.10E+02	1.42E+04	5.65E+02	3.16E-05	4.60E-05	2.13E+00	1.10E-01	2.93E+02	6.12E+02	1.48E+04	1.43E-01	1.48E+04	1.57E+04	9.05E+02	0.00E+00	0.00E+00	8.91E-04	3.50E+02
HW2E306FB	3.51E+00	2.45E+02	-3.07E+01	2.76E+02	1.81E-03	0.00E+00	1.26E+04	7.39E-04	3.70E-01	4.02E+00	5.96E-01	1.56E+03	1.08E-05	2.62E-05	2.92E+03	1.16E+01	8.07E-01	8.15E-01	3.85E+00	1.33E+02	8.29E+03	3.85E+02	1.66E-05	2.25E-05	1.27E+00	6.82E-02	1.69E+02	5.82E+02	8.68E+03	1.06E-01	8.68E+03	9.43E+03	7.51E+02	0.00E+00	0.00E+00	0.00E+00	1.65E+02
HW2E306FE	3.48E+00	2.37E+02	-3.03E+01	2.67E+02	2.35E-03	0.00E+00	1.35E+04	6.69E-04	3.60E-01	3.90E+00	6.01E-01	1.58E+03	1.08E-05	2.65E-05	2.95E+03	1.47E+01	8.13E-01	8.07E-01	3.92E+00	1.46E+02	8.04E+03	4.02E+02	1.69E-05	2.22E-05	1.25E+00	7.76E-02	1.45E+02	5.82E+02	8.44E+03	1.06E-01	8.44E+03	9.17E+03	7.27E+02	0.00E+00	0.00E+00	5.12E-05	1.68E+02
HW2E308DB	7.33E+00	4.27E+02	-2.04E+01	4.47E+02	3.21E-03	0.00E+00	1.45E+04	9.50E-04	5.77E-01	6.30E+00	8.98E-01	3.88E+03	1.15E-05	6.82E-05	8.03E+03	1.95E+01	1.21E+00	1.17E+00	8.13E+00	2.09E+02	1.42E+04	5.57E+02	3.15E-05	4.59E-05	2.12E+00	1.10E-01	2.91E+02	6.12E+02	1.48E+04	1.43E-01	1.48E+04	1.57E+04	9.03E+02	0.00E+00	0.00E+00	8.40E-04	3.49E+02
HW2E308DE	7.34E+00	4.28E+02	-2.04E+01	4.49E+02	3.49E-03	0.00E+00	1.47E+04	9.74E-04	5.79E-01	6.32E+00	8.99E-01	3.89E+03	1.15E-05	6.82E-05	8.04E+03	2.03E+01	1.22E+00	1.17E+00	8.16E+00	2.10E+02	1.42E+04	5.65E+02	3.16E-05	4.60E-05	2.13E+00	1.10E-01	2.93E+02	6.12E+02	1.48E+04	1.43E-01	1.48E+04	1.57E+04	9.05E+02	0.00E+00	0.00E+00	8.91E-04	3.50E+02
HW2E308FB	3.49E+00	2.37E+02	-3.07E+01	2.68E+02	1.81E-03	0.00E+00	1.29E+04	7.75E-04	3.61E-01	3.92E+00	5.99E-01	1.58E+03	1.08E-05	2.65E-05	2.97E+03	1.17E+01	8.10E-01	8.19E-01	3.87E+00	1.32E+02	8.27E+03	3.88E+02	1.67E-05	2.24E-05	1.25E+00	6.82E-02	1.70E+02	5.82E+02	8.66E+03	1.06E-01	8.66E+03	9.41E+03	7.52E+02	0.00E+00	0.00E+00	8.40E-04	1.66E+02
HW2E308FE	3.51E+00	2.39E+02	-3.07E+01	2.69E+02	2.09E-03	0.00E+00	1.31E+04	7.99E-04	3.63E-01	3.94E+00	6.00E-01	1.58E+03	1.08E-05	2.65E-05	2.98E+03	1.25E+01	8.13E-01	8.21E-01	3.90E+00	1.33E+02	8.30E+03	3.96E+02	1.68E-05	2.25E-05	1.25E+00	6.86E-02	1.72E+02	5.82E+02	8.69E+03	1.06E-01	8.69E+03	9.45E+03	7.54E+02	0.00E+00	0.00E+00	8.91E-04	1.67E+02
HW2E310DB	7.33E+00	4.27E+02	-2.04E+01	4.47E+02	3.21E-03	0.00E+00	1.45E+04	9.51E-04	5.77E-01	6.30E+00	8.98E-01	3.88E+03	1.15E-05	6.82E-05	8.03E+03	1.95E+01	1.21E+00	1.17E+00	8.13E+00	2.09E+02	1.42E+04	5.57E+02	3.15E-05	4.59E-05	2.12E+00	1.10E-01	2.91E+02	6.12E+02	1.48E+04	1.43E-01	1.48E+04	1.57E+04	9.03E+02	0.00E+00	0.00E+00	8.40E-04	3.49E+02
HW2E310DE	7.34E+00	4.28E+02	-2.04E+01	4.49E+02	3.49E-03	0.00E+00	1.47E+04	9.74E-04	5.79E-01	6.32E+00	8.99E-01	3.89E+03	1.15E-05	6.82E-05	8.04E+03	2.03E+01	1.22E+00	1.17E+00	8.16E+00	2.10E+02	1.42E+04	5.65E+02	3.16E-05	4.60E-05	2.13E+00	1.10E-01	2.93E+02	6.12E+02	1.48E+04	1.43E-01	1.48E+04	1.57E+04	9.05E+02	0.00E+00	0.00E+00	8.91E-04	3.50E+02
HW2E310FB	3.49E+00	2.37E+02	-3.07E+01	2.68E+02	1.81E-03	0.00E+00	1.29E+04	7.75E-04	3.61E-01	3.92E+00	5.99E-01	1.58E+03	1.08E-05	2.65E-05	2.97E+03	1.17E+01	8.10E-01	8.19E-01	3.87E+00	1.32E+02	8.27E+03	3.88E+02	1.67E-05	2.24E-05	1.25E+00	6.82E-02	1.70E+02	5.82E+02	8.66E+03	1.06E-01	8.66E+03	9.41E+03	7.52E+02	0.00E+00	0.00E+00	8.40E-04	1.66E+02
HW2E310FE	3.51E+00	2.39E+02	-3.07E+01	2.69E+02	2.09E-03	0.00E+00	1.31E+04	7.99E-04	3.63E-01	3.94E+00	6.00E-01	1.58E+03	1.08E-05	2.65E-05	2.98E+03	1.25E+01	8.13E-01	8.21E-01	3.90E+00	1.33E+02	8.30E+03	3.96E+02	1.68E-05	2.25E-05	1.25E+00	6.86E-02	1.72E+02	5.82E+02	8.69E+03	1.06E-01	8.69E+03	9.45E+03	7.54E+02	0.00E+00	0.00E+00	8.91E-04	1.67E+02
HW2E312DB	7.33E+00	4.27E+02	-2.04E+01	4.47E+02	3.21E-03	0.00E+00	1.45E+04	9.51E-04	5.77E-01	6.30E+00	8.98E-01	3.88E+03	1.15E-05	6.82E-05	8.03E+03	1.95E+01	1.21E+00	1.17E+00	8.13E+00	2.09E+02	1.42E+04	5.57E+02	3.15E-05	4.59E-05	2.12E+00	1.10E-01	2.91E+02	6.12E+02	1.48E+04	1.43E-01	1.48E+04	1.57E+04	9.03E+02	0.00E+00	0.00E+00	8.40E-04	3.49E+02
HW2E312DE	7.34E+00	4.28E+02	-2.04E+01	4.49E+02	3.49E-03	0.00E+00	1.47E+04	9.74E-04	5.79E-01	6.32E+00	8.99E-01	3.89E+03	1.15E-05	6.82E-05	8.04E+03	2.03E+01	1.22E+00	1.17E+00	8.16E+00	2.10E+02	1.42E+04	5.65E+02	3.16E-05	4.60E-05	2.13E+00	1.10E-01	2.93E+02	6.12E+02	1.48E+04	1.43E-01	1.48E+04	1.57E+04	9.05E+02	0.00E+00	0.00E+00	8.91E-04	3.50E+02
HW2E312FB	3.49E+00	2.37E+02	-3.07E+01	2.68E+02	1.81E-03	0.00E+00	1.29E+04	7.75E-04	3.61E-01	3.92E+00	5.99E-01	1.58E+03	1.08E-05	2.65E-05	2.97E+03	1.17E+01	8.10E-01	8.19E-01	3.87E+00	1.32E+02	8.27E+03	3.88E+02	1.67E-05	2.24E-05	1.25E+00	6.82E-02	1.70E+02	5.82E+02	8.66E+03	1.06E-01	8.66E+03	9.41E+03	7.52E+02	0.00E+00	0.00E+00	8.40E-04	1.66E+02
HW2E312FE	3.51E+00	2.39E+02	-3.07E+01	2.69E+02	2.09E-03	0.00E+00	1.31E+04	7.99E-04	3.63E-01	3.94E+00	6.00E-01	1.58E+03	1.08E-05	2.65E-05	2.98E+03	1.25E+01	8.13E-01	8.21E-01	3.90E+00	1.33E+02	8.30E+03	3.96E+02	1.68E-05	2.25E-05	1.25E+00	6.86E-02	1.72E+02	5.82E+02	8.69E+03	1.06E-01	8.69E+03	9.45E+03	7.54E+02	0.00E+00	0.00E+00	8.91E-04	1.67E+02
HW2E316DB	7.33E+00	4.27E+02	-2.04E+01	4.47E+02	3.21E-03	0.00E+00	1.45E+04	9.51E-04	5.77E-01	6.30E+00	8.98E-01	3.88E+03	1.15E-05	6.82E-05	8.03E+03	1.95E+01	1.21E+00	1.17E+00	8.13E+00	2.09E+02	1.42E+04	5.57E+02	3.15E-05	4.59E-05	2.12E+00	1.10E-01	2.91E+02	6.12E+02	1.48E+04	1.43E-01	1.48E+04	1.57E+04	9.03E+02	0.00E+00	0.00E+00	8.40E-04	3.49E+02
HW2E316DE	7.34E+00	4.28E+02	-2.04E+01	4.49E+02	3.49E-03	0.00E+00	1.47E+04	9.74E-04	5.79E-01	6.32E+00	8.99E-01	3.89E+03	1.15E-05	6.82E-05	8.04E+03	2.03E+01	1.22E+00	1.17E+00	8.16E+00	2.10E+02	1.42E+04	5.65E+02	3.16E-05	4.60E-05	2.13E+00	1.10E-01	2.93E+02	6.12E+02	1.48E+04	1.43E-01	1.48E+04	1.57E+04	9.05E+02	0.00E+00	0.00E+00	8.91E-04	3.50E+02
HW2E316FB	3.49E+00	2.37E+02	-3.07E+01	2.68E+02	1.81E-03	0.00E+00	1.29E+04	7.75E-04	3.61E-01	3.92E+00	5.99E-01	1.58E+03	1.08E-05	2.65E-05	2.97E+03	1.17E+01	8.10E-01	8.19E-01	3.87E+00	1.32E+02	8.27E+03	3.88E+02	1.67E-05	2.24E-05	1.25E+00	6.82E-02	1.70E+02	5.82E+02	8.66E+03	1.06E-01	8.66E+03	9.41E+03	7.52E+02	0.00E+00	0.00E+00	8.40E-04	1.66E+02
HW2E316FE	3.51E+00	2.39E+02	-3.07E+01	2.69E+02	2.09E-03	0.00E+00	1.31E+04	7.99E-04	3.63E-01	3.94E+00	6.00E-01	1.58E+03	1.08E-05	2.65E-05	2.98E+03	1.25E+01	8.13E-01	8.21E-01	3.90E+00	1.33E+02	8.30E+03	3.96E+02	1.68E-05	2.25E-05	1.25E+00	6.86E-02	1.72E+02	5.82E+02	8.69E+03	1.06E-01	8.69E+03	9.45E+03	7.54E+02	0.00E+00	0.00E+00	8.91E-04	1.67E+02
HW2E320DB	7.33E+00	4.27E+02	-2.04E+01	4.47E+02	3.21E-03	0.00E+00	1.45E+04	9.51E-04	5.77E-01	6.30E+00	8.98E-01	3.88E+03	1.15E-05	6.82E-05	8.03E+03	1.95E+01	1.21E+00	1.17E+00	8.13E+00	2.09E+02	1.42E+04	5.57E+02	3.15E-05	4.59E-05	2.12E+00	1.10E-01	2.91E+02	6.12E+02	1.48E+04	1.43E-01	1.48E+04	1.57E+04	9.03E+02	0.00E+00	0.00E+00	8.40E-04	3.49E+02
HW2E320DE	7.34E+00	4.28E+02	-2.04E+01	4.49E+02	3.49E-03	0.00E+00	1.47E+04	9.74E-04	5.79E-01	6.32E+00	8.99E-01	3.89E+03	1.15E-05	6.82E-05	8.04E+03	2.03E+01	1.22E+00	1.17E+00	8.16E+00	2.10E+02	1.42E+04	5.65E+02	3.16E-05	4.60E-05	2.13E+00	1.10E-01	2.93E+02	6.12E+02	1.48E+04	1.43E-01	1.48E+04	1.57E+04	9.05E+02	0.00E+00	0.00E+00	8.91E-04	3.50E+02
HW2E320FB	3.49E+00	2.37E+02	-3.07E+01	2.68E+02	1.81E-03	0.00E+00	1.29E+04	7.75E-04	3.61E-01	3.92E+00	5.99E-01	1.58E+03	1.08E-05	2.65E-05	2.97E+03	1.17E+01	8.10E-01	8.19E-01	3.87E+00	1.32E+02	8.27E+03	3.88E+02	1.67E-05	2.24E-05	1.25E+00	6.82E-02	1.70E+02	5.82E+02	8.66E+03	1.06E-01	8.66E+03	9.41E+03	7.52E+02	0.00E+00	0.00E+00	8.40E-04	1.66E+02
HW2E320FE	3.51E+00	2.39E+02	-3.07E+01	2.69E+02	2.09E-03	0.00E+00	1.31E+04	7.99E-04	3.63E-01	3.94E+00	6.00E-01	1.58E+03	1.08E-05	2.65E-05	2.98E+03	1.25E+01	8.13E-01	8.21E-01	3.90E+00	1.33E+02	8.30E+03	3.96E+02	1.68E-05	2.25E-05	1.25E+00	6.86E-02	1.72E+02	5.82E+02	8.69E+03	1.06E-01	8.69E+03	9.45E+03	7.54E+02	0.00E+00	0.00E+00	8.91E-04	1.67E+02
HW2E325DB	7.33E+00	4.27E+02	-2.04E+01	4.47E+02	3.21E-03	0.00E+00	1.45E+04	9.51E-04	5.77E-01	6.30E+00	8.98E-01	3.88E+03	1.15E-05	6.82E-05	8.03E+03	1.95E+01	1.21E+00	1.17E+00	8.13E+00	2.09E+02	1.42E+04	5.57E+02	3.15E-05	4.59E-05	2.12E+00	1.10E-01	2.91E+02	6.12E+02	1.48E+04	1.43E-01	1.48E+04	1.57E+04	9.03E+02	0.00E+00	0.00E+00	8.40E-04	3.49E+02
HW2E325DE	7.34E+00	4.28E+02	-2.04E+01	4.49E+02	3.49E-03	0.00E+00	1.47E+04	9.74E-04	5.79E-01	6.32E+00	8.99E-01	3.89E+03	1.15E-05	6.82E-05	8.04E+03	2.03E+01	1.22E+00	1.17E+00	8.16E+00	2.10E+02	1.42E+04	5.65E+02	3.16E-05	4.60E-05	2.13E+00	1.10E-01	2.93E+02	6.12E+02	1.48E+04	1.43E-01	1.48E+04	1.57E+04	9.05E+02	0.00E+00	0.00E+00	8.91E-04	3.50E+02
HW2E325FB	3.49E+00	2.37E+02	-3.07E+01	2.68E+02	1.81E-03	0.00E+00	1.29E+04	7.75E-04	3.61E-01	3.92E+00	5.99E-01	1.58E+03	1.08E-05	2.65E-05	2.97E+03	1.17E+01	8.10E-01	8.19E-01	3.87E+00	1.32E+02	8.27E+03	3.88E+02	1.67E-05	2.24E-05	1.25E+00	6.82E-02	1.70E+02	5.82E+02	8.66E+03	1.06E-01	8.66E+03	9.41E+03	7.52E+02	0.00E+00	0.00E+00	8.40E-04	1.66E+02
HW2E325FE	3.51E+00	2.39E+02	-3.07E+01	2.69E+02	2.09E-03	0.00E+00	1.31E+04	7.99E-04	3.63E-01	3.94E+00	6.00E-01	1.58E+03	1.08E-05	2.65E-05	2.98E+03	1.25E+01	8.13E-01	8.21E-01	3.90E+00	1.33E+02	8.30E+03	3.96E+02	1.68E-05	2.25E-05	1.25E+00	6.86E-02	1.72E+02	5.82E+02	8.69E+03	1.06E-01	8.69E+03	9.45E+03	7.54E+02	0.00E+00	0.00E+00	8.91E-04	1.67E+02
HW2E406DB	9.41E+00	5.25E+02	-1.52E+01	5.40E+02	3.61E-03	0.00E+00	1.71E+04	1.14E-03	6.94E-01	7.59E+00	1.05E+00	5.16E+03	1.49E-05	9.01E-05	1.07E+04	2.31E+01	1.42E+00	1.36E+00	1.04E+01	2.58E+02	1.65E+04	7.04E+02	4.06E-05	5.90E-05	2.59E+00	1.37E-01	3.69E+02	6.27E+02	1.72E+04	1.90E-01	1.72E+04	1.82E+04	9.96E+02	0.00E+00	0.00E+00	8.40E-04	4.48E+02
HW2E406DE	9.43E+00	5.26E+02	-1.51E+01	5.42E+02	3.89E-03	0.00E+00	1.74E+04	1.18E-03	6.96E-01	7.61E+00	1.05E+00	5.16E+03	1.50E-05	9.02E-05	1.07E+04	2.40E+01	1.42E+00	1.36E+00	1.05E+01	2.59E+02	1.66E+04	7.11E+02	4.07E-05	5.91E-05	2.60E+00	1.38E-01	3.71E+02	6.27E+02	1.73E+04	1.90E-01	1.73E+04	1.83E+04	9.97E+02	0.00E+00	0.00E+00	8.91E-04	4.49E+02
HW2E406FB	4.32E+00	2.93E+02	-2.83E+01	3.21E+02	2.22E-03	0.00E+00	1.52E+04	9.20E-04	4.26E-01	4.63E+00	6.80E-01	2.03E+03	1.41E-05	3.38E-05	3.81E+03	1.43E+01	9.20E-01	9.29E-01	4.79E+00	1.63E+02	9.77E+03	4.89E+02	2.07E-05	2.78E-05	1.49E+00	8.53E-02	2.08E+02	5.90E+02	1.03E+04	1.40E-01	1.03E+04	1.11E+04	7.98E+02	0.00E+00	0.00E+00	8.40E-04	2.06E+02
HW2E406FE	4.34E+00	2.95E+02	-2.82E+01	3.23E+02	2.50E-03	0.00E+00	1.55E+04	9.60E-04	4.28E-01	4.65E+00	6.82E-01	2.03E+03	1.41E-05	3.39E-05	3.82E+03	1.52E+01	9.23E-01	9.34E-01	4.82E+00	1.63E+02	9.80E+03	4.96E+02	2.09E-05	2.79E-05	1.49E+00	8.57E-02	2.09E+02	5.90E+02	1.03E+04	1.40E-01	1.03E+04	1.11E+04	8.00E+02	0.00E+00	0.00E+00	8.91E-04	2.07E+02
HW2E408DB	9.41E+00	5.25E+02	-1.52E+01	5.40E+02	3.61E-03	0.00E+00	1.71E+04	1.14E-03	6.94E-01	7.59E+00	1.05E+00	5.16E+03	1.49E-05	9.01E-05	1.07E+04	2.31E+01	1.42E+00	1.36E+00	1.04E+01	2.58E+02	1.65E+04	7.04E+02	4.06E-05	5.90E-05	2.59E+00	1.37E-01	3.69E+02	6.27E+02	1.73E+04	1.90E-01	1.73E+04	1.82E+04	9.96E+02	0.00E+00	0.00E+00	8.40E-04	4.48E+02
HW2E408DE	9.42E+00	5.26E+02	-1.51E+01	5.41E+02	3.89E-03	0.00E+00	1.74E+04	1.18E-03	6.96E-01	7.61E+00	1.05E+00	5.16E+03	1.50E-05	9.02E-05	1.07E+04	2.40E+01	1.42E+00	1.36E+00	1.05E+01	2.59E+02	1.66E+04	7.11E+02	4.07E-05	5.91E-05	2.60E+00	1.38E-01	3.71E+02	6.27E+02	1.73E+04	1.90E-01	1.73E+04	1.83E+04	9.97E+02	0.00E+00	0.00E+00	8.91E-04	4.49E+02
HW2E408FB	4.32E+00	2.93E+02	-2.83E+01	3.21E+02	2.22E-03	0.00E+00	1.52E+04	9.20E-04	4.26E-01	4.63E+00	6.80E-01	2.03E+03	1.41E-05	3.38E-05	3.81E+03	1.43E+01	9.20E-01	9.29E-01	4.79E+00	1.63E+02	9.77E+03	4.89E+02	2.07E-05	2.78E-05	1.49E+00	8.53E-02	2.08E+02	5.90E+02	1.03E+04	1.40E-01	1.03E+04	1.11E+04	7.98E+02	0.00E+00	0.00E+00	8.40E-04	2.06E+02
HW2E408FE	4.34E+00	2.95E+02	-2.82E+01	3.23E+02	2.50E-03	0.00E+00	1.55E+04	9.60E-04	4.28E-01	4.64E+00	6.82E-01	2.03E+03	1.41E-05	3.39E-05	3.82E+03	1.52E+01	9.23E-01	9.34E-01	4.82E+00	1.63E+02	9.80E+03	4.96E+02	2.09E-05	2.79E-05	1.49E+00	8.57E-02	2.09E+02	5.90E+02	1.03E+04	1.40E-01	1.03E+04	1.11E+04	8.00E+02	0.00E+00	0.00E+00	8.91E-04	2.07E+02
HW2E410DB	9.41E+00	5.25E+02	-1.52E+01	5.40E+02	3.61E-03	0.00E+00	1.71E+04	1.14E-03	6.95E-01	7.59E+00	1.05E+00	5.16E+03	1.49E-05	9.01E-05	1.07E+04	2.31E+01	1.42E+00	1.36E+00	1.04E+01	2.58E+02	1.65E+04	7.04E+02	4.06E-05	5.90E-05	2.59E+00	1.37E-01	3.69E+02	6.27E+02	1.73E+04	1.90E-01	1.73E+04	1.82E+04	9.96E+02	0.00E+00	0.00E+00	8.40E-04	4.48E+02
HW2E410DE	9.43E+00	5.26E+02	-1.51E+01	5.42E+02	3.89E-03	0.00E+00	1.74E+04	1.18E-03	6.96E-01	7.61E+00	1.05E+00	5.16E+03	1.50E-05	9.02E-05	1.07E+04	2.40E+01	1.42E+00	1.36E+00	1.05E+01	2.59E+02	1.66E+04	7.11E+02	4.07E-05	5.91E-05	2.60E+00	1.38E-01	3.71E+02	6.27E+02	1.73E+04	1.90E-01	1.73E+04	1.83E+04	9.97E+02	0.00E+00	0.00E+00	8.91E-04	4.49E+02
HW2E410FB	4.32E+00	2.93E+02	-2.83E+01	3.21E+02	2.22E-03	0.00E+00	1.52E+04	9.20E-04	4.26E-01	4.63E+00	6.80E-01	2.03E+03	1.41E-05	3.38E-05	3.81E+03	1.43E+01	9.20E-01	9.29E-01	4.79E+00	1.63E+02	9.77E+03	4.89E+02	2.07E-05	2.78E-05	1.49E+00	8.53E-02	2.08E+02	5.90E+02	1.03E+04	1.40E-01	1.03E+04	1.11E+04	7.98E+02	0.00E+00	0.00E+00	8.40E-04	2.06E+02
HW2E410FE	4.34E+00	2.95E+02	-2.82E+01	3.23E+02	2.50E-03	0.00E+00	1.55E+04	9.60E-04	4.28E-01	4.65E+00	6.82E-01	2.03E+03	1.41E-05	3.39E-05	3.82E+03	1.52E+01	9.23E-01	9.34E-01	4.82E+00	1.63E+02	9.80E+03	4.96E+02	2.09E-05	2.79E-05	1.49E+00	8.57E-02	2.09E+02	5.90E+02	1.03E+04	1.40E-01	1.03E+04	1.11E+04	8.00E+02	0.00E+00	0.00E+00	8.91E-04	2.07E+02
HW2E412DB	9.41E+00	5.25E+02	-1.52E+01	5.40E+02	3.61E-03	0.00E+00	1.71E+04	1.14E-03	6.95E-01	7.59E+00	1.05E+00	5.16E+03	1.49E-05	9.01E-05	1.07E+04	2.31E+01	1.42E+00	1.36E+00	1.04E+01	2.58E+02	1.65E+04	7.04E+02	4.06E-05	5.90E-05	2.59E+00	1.37E-01	3.69E+02	6.27E+02	1.73E+04	1.90E-01	1.73E+04	1.82E+04	9.96E+02	0.00E+00	0.00E+00	8.40E-04	4.48E+02
HW2E412DE	9.43E+00	5.26E+02	-1.51E+01	5.42E+02	3.89E-03	0.00E+00	1.74E+04	1.18E-03	6.96E-01	7.61E+00	1.05E+00	5.16E+03	1.50E-05	9.02E-05	1.07E+04	2.40E+01	1.42E+00	1.36E+00	1.05E+01	2.59E+02	1.66E+04	7.11E+02	4.07E-05	5.91E-05	2.60E+00	1.38E-01	3.71E+02	6.27E+02	1.73E+04	1.90E-01	1.73E+04	1.83E+04	9.97E+02	0.00E+00	0.00E+00	8.91E-04	4.49E+02
HW2E412FB	4.32E+00	2.93E+02	-2.83E+01	3.21E+02	2.22E-03	0.00E+00	1.52E+04	9.20E-04	4.26E-01	4.63E+00	6.80E-01	2.03E+03	1.41E-05	3.38E-05	3.81E+03	1.43E+01	9.20E-01	9.29E-01	4.79E+00	1.63E+02	9.77E+03	4.89E+02	2.07E-05	2.78E-05	1.49E+00	8.53E-02	2.08E+02	5.90E+02	1.03E+04	1.40E-01	1.03E+04	1.11E+04	7.98E+02	0.00E+00	0.00E+00	8.40E-04	2.06E+02
HW2E412FE	4.34E+00	2.95E+02	-2.82E+01	3.23E+02	2.50E-03	0.00E+00	1.55E+04	9.60E-04	4.28E-01	4.65E+00	6.82E-01	2.03E+03	1.41E-05	3.39E-05	3.82E+03	1.52E+01	9.23E-01	9.34E-01	4.82E+00	1.63E+02	9.80E+03	4.96E+02	2.09E-05	2.79E-05	1.49E+00	8.57E-02	2.09E+02	5.90E+02	1.03E+04	1.40E-01	1.03E+04	1.11E+04	8.00E+02	0.00E+00	0.00E+00	8.91E-04	2.07E+02
HW2E416DB	9.41E+00	5.25E+02	-1.52E+01	5.40E+02	3.61E-03	0.00E+00	1.71E+04	1.14E-03	6.95E-01	7.59E+00	1.05E+00	5.16E+03	1.49E-05	9.01E-05	1.07E+04	2.31E+01	1.42E+00	1.36E+00	1.04E+01	2.58E+02	1.65E+04	7.04E+02	4.06E-05	5.90E-05	2.59E+00	1.37E-01	3.69E+02	6.27E+02	1.73E+04	1.90E-01	1.73E+04	1.82E+04	9.96E+02	0.00E+00	0.00E+00	8.40E-04	4.48E+02
HW2E416DE	9.43E+00	5.26E+02	-1.51E+01	5.42E+02	3.89E-03	0.00E+00	1.74E+04	1.18E-03	6.96E-01	7.61E+00	1.05E+00	5.16E+03	1.50E-05	9.02E-05	1.07E+04	2.40E+01	1.42E+00	1.36E+00	1.05E+01	2.59E+02	1.66E+04	7.11E+02	4.07E-05	5.91E-05	2.60E+00	1.38E-01	3.71E+02	6.27E+02	1.73E+04	1.90E-01	1.73E+04	1.83E+04	9.97E+02	0.00E+00	0.00E+00	8.91E-04	4.49E+02
HW2E416FB	4.32E+00	2.93E+02	-2.83E+01	3.21E+02	2.22E-03	0.00E+00	1.52E+04	9.20E-04	4.26E-01	4.63E+00	6.80E-01	2.03E+03	1.41E-05	3.38E-05	3.81E+03	1.43E+01	9.20E-01	9.29E-01	4.79E+00	1.63E+02	9.77E+03	4.89E+02	2.07E-05	2.78E-05	1.49E+00	8.53E-02	2.08E+02	5.90E+02	1.03E+04	1.40E-01	1.03E+04	1.11E+04	7.98E+02	0.00E+00	0.00E+00	8.40E-04	2.06E+02

HW2E416FE	4.34E+00	2.95E+02	-2.82E+01	3.23E+02	2.50E-03	0.00E+00	1.55E+04	9.60E-04	4.28E-01	4.65E+00	6.82E-01	2.03E+03	1.41E-05	3.39E-05	3.82E+03	1.52E+01	9.23E-01	9.34E-01	4.82E+00	1.63E+02	9.80E+03	4.96E+02	2.09E-05	2.79E-05	1.49E+00	8.57E-02	2.09E+02	5.90E+02	1.03E+04	1.40E-01	1.03E+04	1.11E+04	8.00E+02	0.00E+00	0.00E+00	8.91E-04	2.07E+02
HW2E420DB	9.41E+00	5.25E+02	-1.52E+01	5.40E+02	3.61E-03	0.00E+00	1.71E+04	1.14E-03	6.95E-01	7.59E+00	1.05E+00	5.16E+03	1.49E-05	9.01E-05	1.07E+04	2.31E+01	1.42E+00	1.36E+00	1.04E+01	2.58E+02	1.65E+04	7.04E+02	4.06E-05	5.90E-05	2.59E+00	1.37E-01	3.69E+02	6.27E+02	1.73E+04	1.90E-01	1.73E+04	1.82E+04	9.96E+02	0.00E+00	0.00E+00	8.40E-04	4.48E+02
HW2E420DE	9.43E+00	5.26E+02	-1.51E+01	5.42E+02	3.89E-03	0.00E+00	1.74E+04	1.18E-03	6.96E-01	7.61E+00	1.05E+00	5.16E+03	1.50E-05	9.02E-05	1.07E+04	2.40E+01	1.42E+00	1.36E+00	1.05E+01	2.59E+02	1.66E+04	7.11E+02	4.07E-05	5.91E-05	2.60E+00	1.38E-01	3.71E+02	6.27E+02	1.73E+04	1.90E-01	1.73E+04	1.83E+04	9.97E+02	0.00E+00	0.00E+00	8.91E-04	4.49E+02
HW2E420FB	4.32E+00	2.93E+02	-2.83E+01	3.21E+02	2.22E-03	0.00E+00	1.52E+04	9.20E-04	4.26E-01	4.63E+00	6.80E-01	2.03E+03	1.41E-05	3.38E-05	3.81E+03	1.43E+01	9.20E-01	9.29E-01	4.79E+00	1.63E+02	9.77E+03	4.89E+02	2.07E-05	2.78E-05	1.49E+00	8.53E-02	2.08E+02	5.90E+02	1.03E+04	1.40E-01	1.03E+04	1.11E+04	7.98E+02	0.00E+00	0.00E+00	8.40E-04	2.06E+02
HW2E420FE	4.34E+00	2.95E+02	-2.82E+01	3.23E+02	2.50E-03	0.00E+00	1.55E+04	9.60E-04	4.28E-01	4.65E+00	6.82E-01	2.03E+03	1.41E-05	3.39E-05	3.82E+03	1.52E+01	9.23E-01	9.34E-01	4.82E+00	1.63E+02	9.80E+03	4.96E+02	2.09E-05	2.79E-05	1.49E+00	8.57E-02	2.09E+02	5.90E+02	1.03E+04	1.40E-01	1.03E+04	1.11E+04	8.00E+02	0.00E+00	0.00E+00	8.91E-04	2.07E+02
HW2E425DB	9.41E+00	5.25E+02	-1.52E+01	5.40E+02	3.61E-03	0.00E+00	1.71E+04	1.14E-03	6.95E-01	7.59E+00	1.05E+00	5.16E+03	1.49E-05	9.01E-05	1.07E+04	2.31E+01	1.42E+00	1.36E+00	1.04E+01	2.58E+02	1.65E+04	7.04E+02	4.06E-05	5.90E-05	2.59E+00	1.37E-01	3.69E+02	6.27E+02	1.73E+04	1.90E-01	1.73E+04	1.82E+04	9.96E+02	0.00E+00	0.00E+00	8.40E-04	4.48E+02
HW2E425DE	9.43E+00	5.26E+02	-1.51E+01	5.42E+02	3.89E-03	0.00E+00	1.74E+04	1.18E-03	6.96E-01	7.61E+00	1.05E+00	5.16E+03	1.50E-05	9.02E-05	1.07E+04	2.40E+01	1.42E+00	1.36E+00	1.05E+01	2.59E+02	1.66E+04	7.11E+02	4.07E-05	5.91E-05	2.60E+00	1.38E-01	3.71E+02	6.27E+02	1.73E+04	1.90E-01	1.73E+04	1.83E+04	9.97E+02	0.00E+00	0.00E+00	8.91E-04	4.49E+02
HW2E425FB	4.32E+00	2.93E+02	-2.83E+01	3.21E+02	2.22E-03	0.00E+00	1.52E+04	9.20E-04	4.26E-01	4.63E+00	6.80E-01	2.03E+03	1.41E-05	3.38E-05	3.81E+03	1.43E+01	9.20E-01	9.29E-01	4.79E+00	1.63E+02	9.77E+03	4.89E+02	2.07E-05	2.78E-05	1.49E+00	8.53E-02	2.08E+02	5.90E+02	1.03E+04	1.40E-01	1.03E+04	1.11E+04	7.98E+02	0.00E+00	0.00E+00	8.40E-04	2.06E+02
HW2E425FE	4.34E+00	2.95E+02	-2.82E+01	3.23E+02	2.50E-03	0.00E+00	1.55E+04	9.60E-04	4.28E-01	4.65E+00	6.82E-01	2.03E+03	1.41E-05	3.39E-05	3.82E+03	1.52E+01	9.23E-01	9.34E-01	4.82E+00	1.63E+02	9.80E+03	4.96E+02	2.09E-05	2.79E-05	1.49E+00	8.57E-02	2.09E+02	5.90E+02	1.03E+04	1.40E-01	1.03E+04	1.11E+04	8.00E+02	0.00E+00	0.00E+00	8.91E-04	2.07E+02
HW2M306DB	7.33E+00	4.27E+02	-2.04E+01	4.47E+02	3.21E-03	0.00E+00	1.45E+04	9.51E-04	5.77E-01	6.30E+00	8.98E-01	3.88E+03	1.15E-05	6.82E-05	8.03E+03	1.95E+01	1.21E+00	1.17E+00	8.13E+00	2.09E+02	1.42E+04	5.57E+02	3.15E-05	4.59E-05	2.12E+00	1.10E-01	2.91E+02	6.12E+02	1.48E+04	1.43E-01	1.48E+04	1.57E+04	9.03E+02	0.00E+00	0.00E+00	8.40E-04	3.49E+02
HW2M306DE	7.34E+00	4.28E+02	-2.04E+01	4.49E+02	3.49E-03	0.00E+00	1.47E+04	9.74E-04	5.78E-01	6.32E+00	8.99E-01	3.89E+03	1.15E-05	6.82E-05	8.04E+03	2.03E+01	1.22E+00	1.17E+00	8.16E+00	2.10E+02	1.42E+04	5.65E+02	3.16E-05	4.60E-05	2.13E+00	1.10E-01	2.93E+02	6.12E+02	1.48E+04	1.43E-01	1.48E+04	1.57E+04	9.05E+02	0.00E+00	0.00E+00	8.91E-04	3.50E+02
HW2M306FB	3.49E+00	2.37E+02	-3.07E+01	2.68E+02	1.81E-03	0.00E+00	1.29E+04	7.75E-04	3.61E-01	3.92E+00	5.99E-01	1.58E+03	1.08E-05	2.65E-05	2.97E+03	1.17E+01	8.10E-01	8.19E-01	3.87E+00	1.32E+02	8.27E+03	3.88E+02	1.67E-05	2.24E-05	1.25E+00	6.82E-02	1.70E+02	5.82E+02	8.66E+03	1.06E-01	8.66E+03	9.41E+03	7.52E+02	0.00E+00	0.00E+00	8.40E-04	1.66E+02
HW2M306FE	3.51E+00	2.39E+02	-3.07E+01	2.69E+02	2.09E-03	0.00E+00	1.31E+04	7.99E-04	3.62E-01	3.93E+00	6.00E-01	1.58E+03	1.08E-05	2.65E-05	2.98E+03	1.25E+01	8.13E-01	8.21E-01	3.90E+00	1.33E+02	8.30E+03	3.96E+02	1.68E-05	2.25E-05	1.25E+00	6.86E-02	1.72E+02	5.82E+02	8.69E+03	1.06E-01	8.69E+03	9.45E+03	7.54E+02	0.00E+00	0.00E+00	8.91E-04	1.67E+02
HW2M308DB	7.33E+00	4.27E+02	-2.04E+01	4.47E+02	3.21E-03	0.00E+00	1.45E+04	9.51E-04	5.77E-01	6.30E+00	8.98E-01	3.88E+03	1.15E-05	6.82E-05	8.03E+03	1.95E+01	1.21E+00	1.17E+00	8.13E+00	2.09E+02	1.42E+04	5.57E+02	3.15E-05	4.59E-05	2.12E+00	1.10E-01	2.91E+02	6.12E+02	1.48E+04	1.43E-01	1.48E+04	1.57E+04	9.03E+02	0.00E+00	0.00E+00	8.40E-04	3.49E+02
HW2M308DE	7.34E+00	4.28E+02	-2.04E+01	4.49E+02	3.49E-03	0.00E+00	1.47E+04	9.74E-04	5.78E-01	6.32E+00	8.99E-01	3.89E+03	1.15E-05	6.82E-05	8.04E+03	2.03E+01	1.22E+00	1.17E+00	8.16E+00	2.10E+02	1.42E+04	5.65E+02	3.16E-05	4.60E-05	2.13E+00	1.10E-01	2.93E+02	6.12E+02	1.48E+04	1.43E-01	1.48E+04	1.57E+04	9.05E+02	0.00E+00	0.00E+00	8.91E-04	3.50E+02
HW2M308FB	3.49E+00	2.37E+02	-3.07E+01	2.68E+02	1.81E-03	0.00E+00	1.29E+04	7.75E-04	3.61E-01	3.92E+00	5.99E-01	1.58E+03	1.08E-05	2.65E-05	2.97E+03	1.17E+01	8.10E-01	8.19E-01	3.87E+00	1.32E+02	8.27E+03	3.88E+02	1.67E-05	2.24E-05	1.25E+00	6.82E-02	1.70E+02	5.82E+02	8.66E+03	1.06E-01	8.66E+03	9.41E+03	7.52E+02	0.00E+00	0.00E+00	8.40E-04	1.66E+02
HW2M308FE	3.51E+00	2.39E+02	-3.07E+01	2.69E+02	2.09E-03	0.00E+00	1.31E+04	7.99E-04	3.62E-01	3.93E+00	6.00E-01	1.58E+03	1.08E-05	2.65E-05	2.98E+03	1.25E+01	8.13E-01	8.21E-01	3.90E+00	1.33E+02	8.30E+03	3.96E+02	1.68E-05	2.25E-05	1.25E+00	6.86E-02	1.72E+02	5.82E+02	8.69E+03	1.06E-01	8.69E+03	9.45E+03	7.54E+02	0.00E+00	0.00E+00	8.91E-04	1.67E+02
HW2M310DB	7.33E+00	4.27E+02	-2.04E+01	4.47E+02	3.21E-03	0.00E+00	1.45E+04	9.51E-04	5.77E-01	6.30E+00	8.98E-01	3.88E+03	1.15E-05	6.82E-05	8.03E+03	1.95E+01	1.21E+00	1.17E+00	8.13E+00	2.09E+02	1.42E+04	5.57E+02	3.15E-05	4.59E-05	2.12E+00	1.10E-01	2.91E+02	6.12E+02	1.48E+04	1.43E-01	1.48E+04	1.57E+04	9.03E+02	0.00E+00	0.00E+00	8.40E-04	3.49E+02
HW2M310DE	7.34E+00	4.28E+02	-2.04E+01	4.49E+02	3.49E-03	0.00E+00	1.47E+04	9.74E-04	5.79E-01	6.32E+00	8.99E-01	3.89E+03	1.15E-05	6.82E-05	8.04E+03	2.03E+01	1.22E+00	1.17E+00	8.16E+00	2.10E+02	1.42E+04	5.65E+02	3.16E-05	4.60E-05	2.13E+00	1.10E-01	2.93E+02	6.12E+02	1.48E+04	1.43E-01	1.48E+04	1.57E+04	9.05E+02	0.00E+00	0.00E+00	8.91E-04	3.50E+02
HW2M310FB	3.49E+00	2.37E+02	-3.07E+01	2.68E+02	1.81E-03	0.00E+00	1.29E+04	7.75E-04	3.61E-01	3.92E+00	5.99E-01	1.58E+03	1.08E-05	2.65E-05	2.97E+03	1.17E+01	8.10E-01	8.19E-01	3.87E+00	1.32E+02	8.27E+03	3.88E+02	1.67E-05	2.24E-05	1.25E+00	6.82E-02	1.70E+02	5.82E+02	8.66E+03	1.06E-01	8.66E+03	9.41E+03	7.52E+02	0.00E+00	0.00E+00	8.40E-04	1.66E+02
HW2M310FE	3.51E+00	2.39E+02	-3.07E+01	2.69E+02	2.09E-03	0.00E+00	1.31E+04	7.99E-04	3.63E-01	3.94E+00	6.00E-01	1.58E+03	1.08E-05	2.65E-05	2.98E+03	1.25E+01	8.13E-01	8.21E-01	3.90E+00	1.33E+02	8.30E+03	3.96E+02	1.68E-05	2.25E-05	1.25E+00	6.86E-02	1.72E+02	5.82E+02	8.69E+03	1.06E-01	8.69E+03	9.45E+03	7.54E+02	0.00E+00	0.00E+00	8.91E-04	1.67E+02
HW2M312DB	7.33E+00	4.27E+02	-2.04E+01	4.47E+02	3.21E-03	0.00E+00	1.45E+04	9.51E-04	5.77E-01	6.30E+00	8.98E-01	3.88E+03	1.15E-05	6.82E-05	8.03E+03	1.95E+01	1.21E+00	1.17E+00	8.13E+00	2.09E+02	1.42E+04	5.57E+02	3.15E-05	4.59E-05	2.12E+00	1.10E-01	2.91E+02	6.12E+02	1.48E+04	1.43E-01	1.48E+04	1.57E+04	9.03E+02	0.00E+00	0.00E+00	8.40E-04	3.49E+02
HW2M312DE	7.34E+00	4.28E+02	-2.04E+01	4.49E+02	3.49E-03	0.00E+00	1.47E+04	9.74E-04	5.79E-01	6.32E+00	8.99E-01	3.89E+03	1.15E-05	6.82E-05	8.04E+03	2.03E+01	1.22E+00	1.17E+00	8.16E+00	2.10E+02	1.42E+04	5.65E+02	3.16E-05	4.60E-05	2.13E+00	1.10E-01	2.93E+02	6.12E+02	1.48E+04	1.43E-01	1.48E+04	1.57E+04	9.05E+02	0.00E+00	0.00E+00	8.91E-04	3.50E+02
HW2M312FB	3.49E+00	2.37E+02	-3.07E+01	2.68E+02	1.81E-03	0.00E+00	1.29E+04	7.75E-04	3.61E-01	3.92E+00	5.99E-01	1.58E+03	1.08E-05	2.65E-05	2.97E+03	1.17E+01	8.10E-01	8.19E-01	3.87E+00	1.32E+02	8.27E+03	3.88E+02	1.67E-05	2.24E-05	1.25E+00	6.82E-02	1.70E+02	5.82E+02	8.66E+03	1.06E-01	8.66E+03	9.41E+03	7.52E+02	0.00E+00	0.00E+00	8.40E-04	1.66E+02
HW2M312FE	3.51E+00	2.39E+02	-3.07E+01	2.69E+02	2.09E-03	0.00E+00	1.31E+04	7.99E-04	3.63E-01	3.94E+00	6.00E-01	1.58E+03	1.08E-05	2.65E-05	2.98E+03	1.25E+01	8.13E-01	8.21E-01	3.90E+00	1.33E+02	8.30E+03	3.96E+02	1.68E-05	2.25E-05	1.25E+00	6.86E-02	1.72E+02	5.82E+02	8.69E+03	1.06E-01	8.69E+03	9.45E+03	7.54E+02	0.00E+00	0.00E+00	8.91E-04	1.67E+02
HW2M316DB	7.33E+00	4.27E+02	-2.04E+01	4.47E+02	3.21E-03	0.00E+00	1.45E+04	9.51E-04	5.77E-01	6.30E+00	8.98E-01	3.88E+03	1.15E-05	6.82E-05	8.03E+03	1.95E+01	1.21E+00	1.17E+00	8.13E+00	2.09E+02	1.42E+04	5.57E+02	3.15E-05	4.59E-05	2.12E+00	1.10E-01	2.91E+02	6.12E+02	1.48E+04	1.43E-01	1.48E+04	1.57E+04	9.03E+02	0.00E+00	0.00E+00	8.40E-04	3.49E+02
HW2M316DE	7.34E+00	4.28E+02	-2.04E+01	4.49E+02	3.49E-03	0.00E+00	1.47E+04	9.74E-04	5.79E-01	6.32E+00	8.99E-01	3.89E+03	1.15E-05	6.82E-05	8.04E+03	2.03E+01	1.22E+00	1.17E+00	8.16E+00	2.10E+02	1.42E+04	5.65E+02	3.16E-05	4.60E-05	2.13E+00	1.10E-01	2.93E+02	6.12E+02	1.48E+04	1.43E-01	1.48E+04	1.57E+04	9.05E+02	0.00E+00	0.00E+00	8.91E-04	3.50E+02
HW2M316FB	3.49E+00	2.37E+02	-3.07E+01	2.68E+02	1.81E-03	0.00E+00	1.29E+04	7.75E-04	3.61E-01	3.92E+00	5.99E-01	1.58E+03	1.08E-05	2.65E-05	2.97E+03	1.17E+01	8.10E-01	8.19E-01	3.87E+00	1.32E+02	8.27E+03	3.88E+02	1.67E-05	2.24E-05	1.25E+00	6.82E-02	1.70E+02	5.82E+02	8.66E+03	1.06E-01	8.66E+03	9.41E+03	7.52E+02	0.00E+00	0.00E+00	8.40E-04	1.66E+02
HW2M316FE	3.51E+00	2.39E+02	-3.07E+01	2.69E+02	2.09E-03	0.00E+00	1.31E+04	7.99E-04	3.63E-01	3.94E+00	6.00E-01	1.58E+03	1.08E-05	2.65E-05	2.98E+03	1.25E+01	8.13E-01	8.21E-01	3.90E+00	1.33E+02	8.30E+03	3.96E+02	1.68E-05	2.25E-05	1.25E+00	6.86E-02	1.72E+02	5.82E+02	8.69E+03	1.06E-01	8.69E+03	9.45E+03	7.54E+02	0.00E+00	0.00E+00	8.91E-04	1.67E+02
HW2M320DB	7.33E+00	4.27E+02	-2.04E+01	4.47E+02	3.21E-03	0.00E+00	1.45E+04	9.51E-04	5.77E-01	6.30E+00	8.98E-01	3.88E+03	1.15E-05	6.82E-05	8.03E+03	1.95E+01	1.21E+00	1.17E+00	8.13E+00	2.09E+02	1.42E+04	5.57E+02	3.15E-05	4.59E-05	2.12E+00	1.10E-01	2.91E+02	6.12E+02	1.48E+04	1.43E-01	1.48E+04	1.57E+04	9.03E+02	0.00E+00	0.00E+00	8.40E-04	3.49E+02
HW2M320DE	7.34E+00	4.28E+02	-2.04E+01	4.49E+02	3.49E-03	0.00E+00	1.47E+04	9.74E-04	5.79E-01	6.32E+00	8.99E-01	3.89E+03	1.15E-05	6.82E-05	8.04E+03	2.03E+01	1.22E+00	1.17E+00	8.16E+00	2.10E+02	1.42E+04	5.65E+02	3.16E-05	4.60E-05	2.13E+00	1.10E-01	2.93E+02	6.12E+02	1.48E+04	1.43E-01	1.48E+04	1.57E+04	9.05E+02	0.00E+00	0.00E+00	8.91E-04	3.50E+02
HW2M320FB	3.49E+00	2.37E+02	-3.07E+01	2.68E+02	1.81E-03	0.00E+00	1.29E+04	7.75E-04	3.61E-01	3.92E+00	5.99E-01	1.58E+03	1.08E-05	2.65E-05	2.97E+03	1.17E+01	8.10E-01	8.19E-01	3.87E+00	1.32E+02	8.27E+03	3.88E+02	1.67E-05	2.24E-05	1.25E+00	6.82E-02	1.70E+02	5.82E+02	8.66E+03	1.06E-01	8.66E+03	9.41E+03	7.52E+02	0.00E+00	0.00E+00	8.40E-04	1.66E+02
HW2M320FE	3.51E+00	2.39E+02	-3.07E+01	2.69E+02	2.09E-03	0.00E+00	1.31E+04	7.99E-04	3.63E-01	3.94E+00	6.00E-01	1.58E+03	1.08E-05	2.65E-05	2.98E+03	1.25E+01	8.13E-01	8.21E-01	3.90E+00	1.33E+02	8.30E+03	3.96E+02	1.68E-05	2.25E-05	1.25E+00	6.86E-02	1.72E+02	5.82E+02	8.69E+03	1.06E-01	8.69E+03	9.45E+03	7.54E+02	0.00E+00	0.00E+00	8.91E-04	1.67E+02
HW2M325DB	7.33E+00	4.27E+02	-2.04E+01	4.47E+02	3.21E-03	0.00E+00	1.45E+04	9.51E-04	5.77E-01	6.30E+00	8.98E-01	3.88E+03	1.15E-05	6.82E-05	8.03E+03	1.95E+01	1.21E+00	1.17E+00	8.13E+00	2.09E+02	1.42E+04	5.57E+02	3.15E-05	4.59E-05	2.12E+00	1.10E-01	2.91E+02	6.12E+02	1.48E+04	1.43E-01	1.48E+04	1.57E+04	9.03E+02	0.00E+00	0.00E+00	8.40E-04	3.49E+02
HW2M325DE	7.34E+00	4.28E+02	-2.04E+01	4.49E+02	3.49E-03	0.00E+00	1.47E+04	9.74E-04	5.79E-01	6.32E+00	8.99E-01	3.89E+03	1.15E-05	6.82E-05	8.04E+03	2.03E+01	1.22E+00	1.17E+00	8.16E+00	2.10E+02	1.42E+04	5.65E+02	3.16E-05	4.60E-05	2.13E+00	1.10E-01	2.93E+02	6.12E+02	1.48E+04	1.43E-01	1.48E+04	1.57E+04	9.05E+02	0.00E+00	0.00E+00	8.91E-04	3.50E+02
HW2M325FB	3.49E+00	2.37E+02	-3.07E+01	2.68E+02	1.81E-03	0.00E+00	1.29E+04	7.75E-04	3.61E-01	3.92E+00	5.99E-01	1.58E+03	1.08E-05	2.65E-05	2.97E+03	1.17E+01	8.10E-01	8.19E-01	3.87E+00	1.32E+02	8.27E+03	3.88E+02	1.67E-05	2.24E-05	1.25E+00	6.82E-02	1.70E+02	5.82E+02	8.66E+03	1.06E-01	8.66E+03	9.41E+03	7.52E+02	0.00E+00	0.00E+00	8.40E-04	1.66E+02
HW2M325FE	3.51E+00	2.39E+02	-3.07E+01	2.69E+02	2.09E-03	0.00E+00	1.31E+04	7.99E-04	3.63E-01	3.94E+00	6.00E-01	1.58E+03	1.08E-05	2.65E-05	2.98E+03	1.25E+01	8.13E-01	8.21E-01	3.90E+00	1.33E+02	8.30E+03	3.96E+02	1.68E-05	2.25E-05	1.25E+00	6.86E-02	1.72E+02	5.82E+02	8.69E+03	1.06E-01	8.69E+03	9.45E+03	7.54E+02	0.00E+00	0.00E+00	8.91E-04	1.67E+02
HW2M406DB	9.41E+00	5.25E+02	-1.52E+01	5.40E+02	3.61E-03	0.00E+00	1.71E+04	1.14E-03	6.94E-01	7.59E+00	1.05E+00	5.16E+03	1.49E-05	9.01E-05	1.07E+04	2.31E+01	1.42E+00	1.36E+00	1.04E+01	2.58E+02	1.65E+04	7.04E+02	4.06E-05	5.90E-05	2.59E+00	1.37E-01	3.69E+02	6.27E+02	1.73E+04	1.90E-01	1.73E+04	1.82E+04	9.96E+02	0.00E+00	0.00E+00	8.40E-04	4.48E+02
HW2M406DE	9.42E+00	5.26E+02	-1.51E+01	5.41E+02	3.89E-03	0.00E+00	1.74E+04	1.18E-03	6.96E-01	7.61E+00	1.05E+00	5.16E+03	1.50E-05	9.02E-05	1.07E+04	2.40E+01	1.42E+00	1.36E+00	1.05E+01	2.59E+02	1.66E+04	7.11E+02	4.07E-05	5.91E-05	2.60E+00	1.38E-01	3.71E+02	6.27E+02	1.73E+04	1.90E-01	1.73E+04	1.83E+04	9.97E+02	0.00E+00	0.00E+00	8.91E-04	4.49E+02
HW2M406FB	4.32E+00	2.93E+02	-2.83E+01	3.21E+02	2.22E-03	0.00E+00	1.52E+04	9.20E-04	4.26E-01	4.63E+00	6.80E-01	2.03E+03	1.41E-05	3.38E-05	3.81E+03	1.43E+01	9.20E-01	9.29E-01	4.79E+00	1.63E+02	9.77E+03	4.89E+02	2.07E-05	2.78E-05	1.49E+00	8.53E-02	2.08E+02	5.90E+02	1.03E+04	1.40E-01	1.03E+04	1.11E+04	7.98E+02	0.00E+00	0.00E+00	8.40E-04	2.06E+02
HW2M406FE	4.34E+00	2.95E+02	-2.82E+01	3.23E+02	2.50E-03	0.00E+00	1.55E+04	9.60E-04	4.28E-01	4.64E+00	6.82E-01	2.03E+03	1.41E-05	3.39E-05	3.82E+03	1.52E+01	9.23E-01	9.34E-01	4.82E+00	1.63E+02	9.80E+03	4.96E+02	2.09E-05	2.78E-05	1.49E+00	8.57E-02	2.09E+02	5.90E+02	1.03E+04	1.40E-01	1.03E+04	1.11E+04	8.00E+02	0.00E+00	0.00E+00	8.91E-04	2.07E+02
HW2M408DB	9.41E+00	5.25E+02	-1.52E+01	5.40E+02	3.61E-03	0.00E+00	1.71E+04	1.14E-03	6.94E-01	7.59E+00	1.05E+00	5.16E+03	1.49E-05	9.01E-05	1.07E+04	2.31E+01	1.42E+00	1.36E+00	1.04E+01	2.58E+02	1.65E+04	7.04E+02	4.06E-05	5.90E-05	2.59E+00	1.37E-01	3.69E+02	6.27E+02	1.73E+04	1.90E-01	1.73E+04	1.82E+04	9.96E+02	0.00E+00	0.00E+00	8.40E-04	4.48E+02
HW2M408DE	9.42E+00	5.26E+02	-1.51E+01	5.41E+02	3.89E-03	0.00E+00	1.74E+04	1.18E-03	6.96E-01	7.61E+00	1.05E+00	5.16E+03	1.50E-05	9.02E-05	1.07E+04	2.40E+01	1.42E+00	1.36E+00	1.05E+01	2.59E+02	1.66E+04	7.11E+02	4.07E-05	5.91E-05	2.60E+00	1.38E-01	3.71E+02	6.27E+02	1.73E+04	1.90E-01	1.73E+04	1.83E+04	9.97E+02	0.00E+00	0.00E+00	8.91E-04	4.49E+02
HW2M408FB	4.32E+00	2.93E+02	-2.83E+01	3.21E+02	2.22E-03	0.00E+00	1.52E+04	9.20E-04	4.26E-01	4.63E+00	6.80E-01	2.03E+03	1.41E-05	3.38E-05	3.81E+03	1.43E+01	9.20E-01	9.29E-01	4.79E+00	1.63E+02	9.77E+03	4.89E+02	2.07E-05	2.78E-05	1.49E+00	8.53E-02	2.08E+02	5.90E+02	1.03E+04	1.40E-01	1.03E+04	1.11E+04	7.98E+02	0.00E+00	0.00E+00	8.40E-04	2.06E+02
HW2M408FE	4.34E+00	2.95E+02	-2.82E+01	3.23E+02	2.50E-03	0.00E+00	1.55E+04	9.60E-04	4.28E-01	4.64E+00	6.82E-01	2.03E+03	1.41E-05	3.39E-05	3.82E+03	1.52E+01	9.23E-01	9.34E-01	4.82E+00	1.63E+02	9.80E+03	4.96E+02	2.09E-05	2.78E-05	1.49E+00	8.57E-02	2.09E+02	5.90E+02	1.03E+04	1.40E-01	1.03E+04	1.11E+04	8.00E+02	0.00E+00	0.00E+00	8.91E-04	2.07E+02
HW2M410DB	9.41E+00	5.25E+02	-1.52E+01	5.40E+02	3.61E-03	0.00E+00	1.71E+04	1.14E-03	6.95E-01	7.59E+00	1.05E+00	5.16E+03	1.49E-05	9.01E-05	1.07E+04	2.31E+01	1.42E+00	1.36E+00	1.04E+01	2.58E+02	1.65E+04	7.04E+02	4.06E-05	5.90E-05	2.59E+00	1.37E-01	3.69E+02	6.27E+02	1.73E+04	1.90E-01	1.73E+04	1.82E+04	9.96E+02	0.00E+00	0.00E+00	8.40E-04	4.48E+02
HW2M410DE	9.43E+00	5.26E+02	-1.51E+01	5.42E+02	3.89E-03	0.00E+00	1.74E+04	1.18E-03	6.96E-01	7.61E+00	1.05E+00	5.16E+03	1.50E-05	9.02E-05	1.07E+04	2.40E+01	1.42E+00	1.36E+00	1.05E+01	2.59E+02	1.66E+04	7.11E+02	4.07E-05	5.91E-05	2.60E+00	1.38E-01	3.71E+02	6.27E+02	1.73E+04	1.90E-01	1.73E+04	1.83E+04	9.97E+02	0.00E+00	0.00E+00	8.91E-04	4.49E+02
HW2M410FB	4.32E+00	2.93E+02	-2.83E+01	3.21E+02	2.22E-03	0.00E+00	1.52E+04	9.20E-04	4.26E-01	4.63E+00	6.80E-01	2.03E+03	1.41E-05	3.38E-05	3.81E+03	1.43E+01	9.20E-01	9.29E-01	4.79E+00	1.63E+02	9.77E+03	4.89E+02	2.07E-05	2.78E-05	1.49E+00	8.53E-02	2.08E+02	5.90E+02	1.03E+04	1.40E-01	1.03E+04	1.11E+04	7.98E+02	0.00E+00	0.00E+00	8.40E-04	2.06E+02
HW2M410FE	4.34E+00	2.95E+02	-2.82E+01	3.23E+02	2.50E-03	0.00E+00	1.55E+04	9.60E-04	4.28E-01	4.65E+00	6.82E-01	2.03E+03	1.41E-05	3.39E-05	3.82E+03	1.52E+01	9.23E-01	9.34E-01	4.82E+00	1.63E+02	9.80E+03	4.96E+02	2.09E-05	2.79E-05	1.49E+00	8.57E-02	2.09E+02	5.90E+02	1.03E+04	1.40E-01	1.03E+04	1.11E+04	8.00E+02	0.00E+00	0.00E+00	8.91E-04	2.07E+02
HW2M412DB	9.41E+00	5.25E+02	-1.52E+01	5.40E+02	3.61E-03	0.00E+00	1.71E+04	1.14E-03	6.95E-01	7.59E+00	1.05E+00	5.16E+03	1.49E-05	9.01E-05	1.07E+04	2.31E+01	1.42E+00	1.36E+00	1.04E+01	2.58E+02	1.65E+04	7.04E+02	4.06E-05	5.90E-05	2.59E+00	1.37E-01	3.69E+02	6.27E+02	1.72E+04	1.90E-01	1.72E+04	1.82E+04	9.96E+02	0.00E+00	0.00E+00	8.40E-04	4.48E+02
HW2M412DE	9.43E+00	5.26E+02	-1.51E+01	5.42E+02	3.89E-03	0.00E+00	1.74E+04	1.18E-03	6.96E-01	7.61E+00	1.05E+00	5.16E+03	1.50E-05	9.02E-05	1.07E+04	2.40E+01	1.42E+00	1.36E+00	1.05E+01	2.59E+02	1.66E+04	7.11E+02	4.07E-05	5.91E-05	2.60E+00	1.38E-01	3.71E+02	6.27E+02	1.73E+04	1.90E-01	1.73E+04	1.83E+04	9.97E+02	0.00E+00	0.00E+00	8.91E-04	4.49E+02
HW2M412FB	4.32E+00	2.93E+02	-2.83E+01	3.21E+02	2.22E-03	0.00E+00	1.52E+04	9.20E-04	4.26E-01	4.63E+00	6.80E-01	2.03E+03	1.41E-05	3.38E-05	3.81E+03	1.43E+01	9.20E-01	9.29E-01	4.79E+00	1.63E+02	9.77E+03	4.89E+02	2.07E-05	2.78E-05	1.49E+00	8.53E-02	2.08E+02	5.90E+02	1.03E+04	1.40E-01	1.03E+04	1.11E+04	7.98E+02	0.00E+00	0.00E+00	8.40E-04	2.06E+02
HW2M412FE	4.34E+00	2.95E+02	-2.82E+01	3.23E+02	2.50E-03	0.00E+00	1.55E+04	9.60E-04	4.28E-01	4.65E+00	6.82E-01	2.03E+03	1.41E-05	3.39E-05	3.82E+03	1.52E+01	9.23E-01	9.34E-01	4.82E+00	1.63E+02	9.80E+03	4.96E+02	2.09E-05	2.79E-05	1.49E+00	8.57E-02	2.09E+02	5.90E+02	1.03E+04	1.40E-01	1.03E+04	1.11E+04	8.00E+02	0.00E+00	0.00E+00	8.91E-04	2.07E+02
HW2M416DB	9.41E+00	5.25E+02	-1.52E+01	5.40E+02	3.61E-03	0.00E+00	1.71E+04	1.14E-03	6.95E-01	7.59E+00	1.05E+00	5.16E+03	1.49E-05	9.01E-05	1.07E+04	2.31E+01	1.42E+00	1.36E+00	1.04E+01	2.58E+02	1.65E+04	7.04E+02	4.06E-05	5.90E-05	2.59E+00	1.37E-01	3.69E+02	6.27E+02	1.73E+04	1.90E-01	1.73E+04	1.82E+04	9.96E+02	0.00E+00	0.00E+00	8.40E-04	4.48E+02
HW2M416DE	9.43E+00	5.26E+02	-1.51E+01	5.42E+02	3.89E-03	0.00E+00	1.74E+04	1.18E-03	6.96E-01	7.61E+00	1.05E+00	5.16E+03	1.50E-05	9.02E-05	1.07E+04	2.40E+01	1.42E+00	1.36E+00	1.05E+01	2.59E+02	1.66E+04	7.11E+02	4.07E-05	5.91E-05	2.60E+00	1.38E-01	3.71E+02	6.27E+02	1.73E+04	1.90E-01	1.73E+04	1.83E+04	9.97E+02	0.00E+00	0.00E+00	8.91E-04	4.49E+02
HW2M416FB	4.32E+00	2.93E+02	-2.83E+01	3.21E+02	2.22E-03	0.00E+00	1.52E+04	9.20E-04	4.26E-01	4.63E+00	6.80E-01	2.03E+03	1.41E-05	3.38E-05	3.81E+03	1.43E+01	9.20E-01	9.29E-01	4.79E+00	1.63E+02	9.77E+03	4.89E+02	2.07E-05	2.78E-05	1.49E+00	8.53E-02	2.08E+02	5.90E+02	1.03E+04	1.40E-01	1.03E+04	1.11E+04	7.98E+02	0.00E+00	0.00E+00	8.40E-04	2.06E+02
HW2M416FE	4.34E+00	2.95E+02	-2.82E+01	3.23E+02	2.50E-03	0.00E+00	1.55E+04	9.60E-04	4.28E-01	4.65E+00	6.82E-01	2.03E+03	1.41E-05	3.39E-05	3.82E+03	1.52E+01	9.23E-01	9.34E-01	4.82E+00	1.63E+02	9.80E+03	4.96E+02	2.09E-05	2.79E-05	1.49E+00	8.57E-02	2.09E+02	5.90E+02	1.03E+04	1.40E-01	1.03E+04	1.11E+04	8.00E+02	0.00E+00	0.00E+00	8.91E-04	2.07E+02
HW2M420DB	9.41E+00	5.25E+02	-1.52E+01	5.40E+02	3.61E-03	0.00E+00	1.71E+04	1.14E-03	6.95E-01	7.59E+00	1.05E+00	5.16E+03	1.49E-05	9.01E-05	1.07E+04	2.31E+01	1.42E+00	1.36E+00	1.04E+01	2.58E+02	1.65E+04	7.04E+02	4.06E-05	5.90E-05	2.59E+00	1.37E-01	3.69E+02	6.27E+02	1.73E+04	1.90E-01	1.73E+04	1.82E+04	9.96E+02	0.00E+00	0.00E+00	8.40E-04	4.48E+02
HW2M420DE	9.43E+00	5.26E+02	-1.51E+01	5.42E+02	3.89E-03	0.00E+00	1.74E+04	1.18E-03	6.96E-01	7.61E+00	1.05E+00	5.16E+03	1.50E-05	9.02E-05	1.07E+04	2.40E+01	1.42E+00	1.36E+00	1.05E+01	2.59E+02	1.66E+04	7.11E+02	4.07E-05	5.91E-05	2.60E+00	1.38E-01	3.71E+02	6.27E+02	1.73E+04	1.90E-01	1.73E+04	1.83E+04	9.97E+02	0.00E+00	0.00E+00	8.91E-04	4.49E+02
HW2M420FB	4.32E+00	2.93E+02	-2.83E+01	3.21E+02	2.22E-03	0.00E+00	1.52E+04	9.20E-04	4.26E-01	4.63E+00	6.80E-01	2.03E+03	1.41E-05	3.38E-05	3.81E+03	1.43E+01	9.20E-01	9.29E-01	4.79E+00	1.63E+02	9.77E+03	4.89E+02	2.07E-05	2.78E-05	1.49E+00	8.53E-02	2.08E+02	5.90E+02	1.03E+04	1.40E-01	1.03E+04	1.11E+04	7.98E+02	0.00E+00	0.00E+00	8.40E-04	2.06E+02
HW2M420FE	4.34E+00	2.95E+02	-2.82E+01	3.23E+02	2.50E-03	0.00E+00	1.55E+04	9.60E-04	4.28E-01	4.65E+00	6.82E-01	2.03E+03	1.41E-05	3.39E-05	3.82E+03	1.52E+01	9.23E-01	9.34E-01	4.82E+00	1.63E+02	9.80E+03	4.96E+02	2.09E-05	2.79E-05	1.49E+00	8.57E-02	2.09E+02	5.90E+02	1.03E+04	1.40E-01	1.03E+04	1.11E+04	8.00E+02	0.00E+00	0.00E+00	8.91E-04	2.07E+02
HW2M425DB	9.41E+00	5.25E+02	-1.52E+01	5.40E+02	3.61E-03	0.00E+00	1.71E+04	1.14E-03	6.95E-01	7.59E+00	1.05E+00	5.16E+03	1.49E-05	9.01E-05	1.07E+04	2.31E+01	1.42E+00	1.36E+00	1.04E+01	2.58E+02	1.65E+04	7.04E+02	4.06E-05	5.90E-05	2.59E+00	1.37E-01	3.69E+02	6.27E+02	1.73E+04	1.90E-01	1.73E+04	1.82E+04	9.96E+02	0.00E+00	0.00E+00	8.40E-04	4.48E+02
HW2M425DE	9.43E+00	5.26E+02	-1.51E+01	5.42E+02	3.89E-03	0.00E+00	1.74E+04	1.18E-03	6.96E-01	7.61E+00	1.05E+00	5.16E+03	1.50E-05	9.02E-05	1.07E+04	2.40E+01	1.42E+00	1.36E+00	1.05E+01	2.59E+02	1.66E+04	7.11E+02	4.07E-05	5.91E-05	2.60E+00	1.38E-01	3.71E+02	6.27E+02	1.73E+04	1.90E-01	1.73E+04	1.83E+04	9.97E+02	0.00E+00	0.00E+00	8.91E-04	4.49E+02
HW2M425FB	4.32E+00	2.93E+02	-2.83E+01	3.21E+02	2.22E-03	0.00E+00	1.52E+04	9.20E-04	4.26E-01	4.63E+00	6.80E-01	2.03E+03	1.41E-05	3.38E-05	3.81E+03	1.43E+01	9.20E-01	9.29E-01	4.79E+00	1.63E+02	9.77E+03	4.89E+02	2.07E-05	2.78E-05	1.49E+00	8.53E-02	2.08E+02	5.90E+02	1.03E+04	1.40E-01	1.03E+04	1.11E+04	7.98E+02	0.00E+00	0.00E+00	8.40E-04	2.06E+02
HW2M425FE	4.34E+00	2.95E+02	-2.82E+01	3.23E+02	2.50E-03	0.00E+00	1.55E+04	9.60E-04	4.28E-01	4.65E+00	6.82E-01	2.03E+03	1.41E-05	3.39E-05	3.82E+03	1.52E+01	9.23E-01	9.34E-01	4.82E+00	1.63E+02	9.80E+03	4.96E+02	2.09E-05	2.79E-05	1.49E+00	8.57E-02	2.09E+02	5.90E+02	1.03E+04	1.40E-01	1.03E+04	1.11E+04	8.00E+02	0.00E+00	0.00E+00	8.91E-04	2.07E+02
HW2S306DB	7.33E+00	4.27E+02	-2.04E+01	4.47E+02	3.21E-03	0.00E+00	1.45E+04	9.51E-04	5.77E-01	6.30E+00	8.98E-01	3.88E+03	1.15E-05	6.82E-05	8.03E+03	1.95E+01	1.21E+00	1.17E+00	8.13E+00	2.09E+02	1.42E+04	5.57E+02	3.15E-05	4.59E-05	2.12E+00	1.10E-01	2.91E+02	6.12E+02	1.48E+04	1.43E-01	1.48E+04	1.57E+04	9.03E+02	0.00E+00	0.00E+00	8.40E-04	3.49E+02
HW2S306DE	7.34E+00	4.28E+02	-2.04E+01	4.49E+02	3.49E-03	0.00E+00	1.47E+04	9.74E-04	5.78E-01	6.32E+00	8.99E-01	3.89E+03	1.15E-05	6.82E-05	8.04E+03	2.03E+01	1.22E+00	1.17E+00	8.16E+00	2.10E+02	1.42E+04	5.65E+02	3.16E-05	4.60E-05	2.13E+00	1.10E-01	2.93E+02	6.12E+02	1.48E+04	1.43E-01	1.48E+04	1.57E+04	9.05E+02	0.00E+00	0.00E+00	8.91E-04	3.50E+02
HW2S306FB	3.49E+00	2.37E+02	-3.07E+01	2.68E+02	1.81E-03	0.00E+00	1.29E+04	7.75E-04	3.61E-01	3.92E+00	5.99E-01	1.58E+03	1.08E-05	2.65E-05	2.97E+03	1.17E+01	8.10E-01	8.19E-01	3.87E+00	1.32E+02	8.27E+03	3.88E+02	1.67E-05	2.24E-05	1.25E+00	6.82E-02	1.70E+02	5.82E+02	8.66E+03	1.06E-01	8.66E+03	9.41E+03	7.52E+02	0.00E+00	0.00E+00	8.40E-04	1.66E+02
HW2S306FE	3.51E+00	2.39E+02	-3.07E+01	2.69E+02	2.09E-03	0.00E+00	1.31E+04	7.99E-04	3.62E-01	3.93E+00	6.00E-01	1.58E+03	1.08E-05	2.65E-05	2.98E+03	1.25E+01	8.13E-01	8.21E-01	3.90E+00	1.33E+02	8.30E+03	3.96E+02	1.68E-05	2.25E-05	1.25E+00	6.86E-02	1.72E+02	5.82E+02	8.69E+03	1.06E-01	8.69E+03	9.45E+03	7.54E+02	0.00E+00	0.00E+00	8.91E-04	1.67E+02
HW2S308DB	7.33E+00	4.27E+02	-2.04E+01	4.47E+02	3.21E-03	0.00E+00	1.45E+04	9.51E-04	5.77E-01	6.30E+00	8.98E-01	3.88E+03	1.15E-05	6.82E-05	8.03E+03	1.95E+01	1.21E+00	1.17E+00	8.13E+00	2.09E+02	1.42E+04	5.57E+02	3.15E-05	4.59E-05	2.12E+00	1.10E-01	2.91E+02	6.12E+02	1.48E+04	1.43E-01	1.48E+04	1.57E+04	9.03E+02	0.00E+00	0.00E+00	8.40E-04	3.49E+02
HW2S308DE	7.34E+00	4.28E+02	-2.04E+01	4.49E+02	3.49E-03	0.00E+00	1.47E+04	9.74E-04	5.78E-01	6.32E+00	8.99E-01	3.89E+03	1.15E-05	6.82E-05	8.04E+03	2.03E+01	1.22E+00	1.17E+00	8.16E+00	2.10E+02	1.42E+04	5.65E+02	3.16E-05	4.60E-05	2.13E+00	1.10E-01	2.93E+02	6.12E+02	1.48E+04	1.43E-01	1.48E+04	1.57E+04	9.05E+02	0.00E+00	0.00E+00	8.91E-04	3.50E+02
HW2S308FB	3.49E+00	2.37E+02	-3.07E+01	2.68E+02	1.81E-03	0.00E+00	1.29E+04	7.75E-04	3.61E-01	3.92E+00	5.99E-01	1.58E+03	1.08E-05	2.65E-05	2.97E+03	1.17E+01	8.10E-01	8.19E-01	3.87E+00	1.32E+02	8.27E+03	3.88E+02	1.67E-05	2.24E-05	1.25E+00	6.82E-02	1.70E+02	5.82E+02	8.66E+03	1.06E-01	8.66E+03	9.41E+03	7.52E+02	0.00E+00	0.00E+00	8.40E-04	1.66E+02
HW2S308FE	3.51E+00	2.39E+02	-3.07E+01	2.69E+02	2.09E-03	0.00E+00	1.31E+04	7.99E-04	3.62E-01	3.93E+00	6.00E-01	1.58E+03	1.08E-05	2.65E-05	2.98E+03	1.25E+01	8.13E-01	8.21E-01	3.90E+00	1.33E+02	8.30E+03	3.96E+02	1.68E-05	2.25E-05	1.25E+00	6.86E-02	1.72E+02	5.82E+02	8.69E+03	1.06E-01	8.69E+03	9.45E+03	7.54E+02	0.00E+00	0.00E+00	8.91E-04	1.67E+02
HW2S310DB	7.33E+00	4.27E+02	-2.04E+01	4.47E+02	3.21E-03	0.00E+00	1.45E+04	9.51E-04	5.77E-01	6.30E+00	8.98E-01	3.88E+03	1.15E-05	6.82E-05	8.03E+03	1.95E+01	1.21E+00	1.17E+00	8.13E+00	2.09E+02	1.42E+04	5.57E+02	3.15E-05	4.59E-05	2.12E+00	1.10E-01	2.91E+02	6.12E+02	1.48E+04	1.43E-01	1.48E+04	1.57E+04	9.03E+02	0.00E+00	0.00E+00	8.40E-04	3.49E+02
HW2S310DE	7.34E+00	4.28E+02	-2.04E+01	4.49E+02	3.49E-03	0.00E+00	1.47E+04	9.74E-04	5.79E-01	6.32E+00	8.99E-01	3.89E+03	1.15E-05	6.82E-05	8.04E+03	2.03E+01	1.22E+00	1.17E+00	8.16E+00	2.10E+02	1.42E+04	5.65E+02	3.16E-05	4.60E-05	2.13E+00	1.10E-01	2.93E+02	6.12E+02	1.48E+04	1.43E-01	1.48E+04	1.57E+04	9.05E+02	0.00E+00	0.00E+00	8.91E-04	3.50E+02
HW2S310FB	3.49E+00	2.37E+02	-3.07E+01	2.68E+02	1.81E-03	0.00E+00	1.29E+04	7.75E-04	3.61E-01	3.92E+00	5.99E-01	1.58E+03	1.08E-05	2.65E-05	2.97E+03	1.17E+01	8.10E-01	8.19E-01	3.87E+00	1.32E+02	8.27E+03	3.88E+02	1.67E-05	2.24E-05	1.25E+00	6.82E-02	1.70E+02	5.82E+02	8.66E+03	1.06E-01	8.66E+03	9.41E+03	7.52E+02	0.00E+00	0.00E+00	8.40E-04	1.66E+02
HW2S310FE	3.51E+00	2.39E+02	-3.07E+01	2.69E+02	2.09E-03	0.00E+00	1.31E+04	7.99E-04	3.63E-01	3.94E+00	6.00E-01	1.58E+03	1.08E-05	2.65E-05	2.98E+03	1.25E+01	8.13E-01	8.21E-01	3.90E+00	1.33E+02	8.30E+03	3.96E+02	1.68E-05	2.25E-05	1.25E+00	6.86E-02	1.72E+02	5.82E+02	8.69E+03	1.06E-01	8.69E+03	9.45E+03	7.54E+02	0.00E+00	0.00E+00	8.91E-04	1.67E+02
HW2S312DB	7.33E+00	4.26E+02	-2.04E+01	4.47E+02	3.20E-03	0.00E+00	1.45E+04	9.36E-04	5.77E-01	6.29E+00	8.97E-01	3.88E+03	1.15E-05	6.82E-05	8.02E+03	1.95E+01	1.21E+00	1.17E+00	8.13E+00	2.09E+02	1.41E+04	5.57E+02	3.15E-05	4.59E-05	2.12E+00	1.10E-01	2.85E+02	6.12E+02	1.47E+04	1.43E-01	1.47E+04	1.56E+04	8.96E+02	0.00E+00	0.00E+00	8.40E-04	3.49E+02
HW2S312DE	7.34E+00	4.28E+02	-2.04E+01	4.49E+02	3.49E-03	0.00E+00	1.47E+04	9.74E-04	5.79E-01	6.32E+00	8.99E-01	3.89E+03	1.15E-05	6.82E-05	8.04E+03	2.03E+01	1.22E+00	1.17E+00	8.16E+00	2.10E+02	1.42E+04	5.65E+02	3.16E-05	4.60E-05	2.13E+00	1.10E-01	2.93E+02	6.12E+02	1.48E+04	1.43E-01	1.48E+04	1.57E+04	9.05E+02	0.00E+00	0.00E+00	8.91E-04	3.50E+02
HW2S312FB	3.49E+00	2.37E+02	-3.07E+01	2.68E+02	1.81E-03	0.00E+00	1.29E+04	7.75E-04	3.61E-01	3.92E+00	5.99E-01	1.58E+03	1.08E-05	2.65E-05	2.97E+03	1.17E+01	8.10E-01	8.19E-01	3.87E+00	1.32E+02	8.27E+03	3.88E+02	1.67E-05	2.24E-05	1.25E+00	6.82E-02	1.70E+02	5.82E+02	8.66E+03	1.06E-01	8.66E+03	9.41E+03	7.52E+02	0.00E+00	0.00E+00	8.40E-04	1.66E+02
HW2S312FE	3.51E+00	2.39E+02	-3.07E+01	2.69E+02	2.09E-03	0.00E+00	1.31E+04	7.99E-04	3.63E-01	3.94E+00	6.00E-01	1.58E+03	1.08E-05	2.65E-05	2.98E+03	1.25E+01	8.13E-01	8.21E-01	3.90E+00	1.33E+02	8.30E+03	3.96E+02	1.68E-05	2.25E-05	1.25E+00	6.86E-02	1.72E+02	5.82E+02	8.69E+03	1.06E-01	8.69E+03	9.45E+03	7.54E+02	0.00E+00	0.00E+00	8.91E-04	1.67E+02
HW2S316DB	7.33E+00	4.27E+02	-2.04E+01	4.47E+02	3.21E-03	0.00E+00	1.45E+04	9.51E-04	5.77E-01	6.30E+00	8.98E-01	3.88E+03	1.15E-05	6.82E-05	8.03E+03	1.95E+01	1.21E+00	1.17E+00	8.13E+00	2.09E+02	1.42E+04	5.57E+02	3.15E-05	4.59E-05	2.12E+00	1.10E-01	2.91E+02	6.12E+02	1.48E+04	1.43E-01	1.48E+04	1.57E+04	9.03E+02	0.00E+00	0.00E+00	8.40E-04	3.49E+02
HW2S316DE	7.34E+00	4.28E+02	-2.04E+01	4.49E+02	3.49E-03	0.00E+00	1.47E+04	9.74E-04	5.79E-01	6.32E+00	8.99E-01	3.89E+03	1.15E-05	6.82E-05	8.04E+03	2.03E+01	1.22E+00	1.17E+00	8.16E+00	2.10E+02	1.42E+04	5.65E+02	3.16E-05	4.60E-05	2.13E+00	1.10E-01	2.93E+02	6.12E+02	1.48E+04	1.43E-01	1.48E+04	1.57E+04	9.05E+02	0.00E+00	0.00E+00	8.91E-04	3.50E+02
HW2S316FB	3.49E+00	2.37E+02	-3.07E+01	2.68E+02	1.81E-03	0.00E+00	1.29E+04	7.75E-04	3.61E-01	3.92E+00	5.99E-01	1.58E+03	1.08E-05	2.65E-05	2.97E+03	1.17E+01	8.10E-01	8.19E-01	3.87E+00	1.32E+02	8.27E+03	3.88E+02	1.67E-05	2.24E-05	1.25E+00	6.82E-02	1.70E+02	5.82E+02	8.66E+03	1.06E-01	8.66E+03	9.41E+03	7.52E+02	0.00E+00	0.00E+00	8.40E-04	1.66E+02
HW2S316FE	3.51E+00	2.39E+02	-3.07E+01	2.69E+02	2.09E-03	0.00E+00	1.31E+04	7.99E-04	3.63E-01	3.94E+00	6.00E-01	1.58E+03	1.08E-05	2.65E-05	2.98E+03	1.25E+01	8.13E-01	8.21E-01	3.90E+00	1.33E+02	8.30E+03	3.96E+02	1.68E-05	2.25E-05	1.25E+00	6.86E-02	1.72E+02	5.82E+02	8.69E+03	1.06E-01	8.69E+03	9.45E+03	7.54E+02	0.00E+00	0.00E+00	8.91E-04	1.67E+02
HW2S320DB	7.33E+00	4.27E+02	-2.04E+01	4.47E+02	3.21E-03	0.00E+00	1.45E+04	9.51E-04	5.77E-01	6.30E+00	8.98E-01	3.88E+03	1.15E-05	6.82E-05	8.03E+03	1.95E+01	1.21E+00	1.17E+00	8.13E+00	2.09E+02	1.42E+04	5.57E+02	3.15E-05	4.59E-05	2.12E+00	1.10E-01	2.91E+02	6.12E+02	1.48E+04	1.43E-01	1.48E+04	1.57E+04	9.03E+02	0.00E+00	0.00E+00	8.40E-04	3.49E+02
HW2S320DE	7.34E+00	4.28E+02	-2.04E+01	4.49E+02	3.49E-03	0.00E+00	1.47E+04	9.74E-04	5.79E-01	6.32E+00	8.99E-01	3.89E+03	1.15E-05	6.82E-05	8.04E+03	2.03E+01	1.22E+00	1.17E+00	8.16E+00	2.10E+02	1.42E+04	5.65E+02	3.16E-05	4.60E-05	2.13E+00	1.10E-01	2.93E+02	6.12E+02	1.48E+04	1.43E-01	1.48E+04	1.57E+04	9.05E+02	0.00E+00	0.00E+00	8.91E-04	3.50E+02
HW2S320FB	3.49E+00	2.37E+02	-3.07E+01	2.68E+02	1.81E-03	0.00E+00	1.29E+04	7.75E-04	3.61E-01	3.92E+00	5.99E-01	1.58E+03	1.08E-05	2.65E-05	2.97E+03	1.17E+01	8.10E-01	8.19E-01	3.87E+00	1.32E+02	8.27E+03	3.88E+02	1.67E-05	2.24E-05	1.25E+00	6.82E-02	1.70E+02	5.82E+02	8.66E+03	1.06E-01	8.66E+03	9.41E+03	7.52E+02	0.00E+00	0.00E+00	8.40E-04	1.66E+02
HW2S320FE	3.51E+00	2.39E+02	-3.07E+01	2.69E+02	2.09E-03	0.00E+00	1.31E+04	7.99E-04	3.63E-01	3.94E+00	6.00E-01	1.58E+03	1.08E-05	2.65E-05	2.98E+03	1.25E+01	8.13E-01	8.21E-01	3.90E+00	1.33E+02	8.30E+03	3.96E+02	1.68E-05	2.25E-05	1.25E+00	6.86E-02	1.72E+02	5.82E+02	8.69E+03	1.06E-01	8.69E+03	9.45E+03	7.54E+02	0.00E+00	0.00E+00	8.91E-04	1.67E+02
HW2S325DB	7.33E+00	4.27E+02	-2.04E+01	4.47E+02	3.21E-03	0.00E+00	1.45E+04	9.51E-04	5.77E-01	6.30E+00	8.98E-01	3.88E+03	1.15E-05	6.82E-05	8.03E+03	1.95E+01	1.21E+00	1.17E+00	8.13E+00	2.09E+02	1.42E+04	5.57E+02	3.15E-05	4.59E-05	2.12E+00	1.10E-01	2.91E+02	6.12E+02	1.48E+04	1.43E-01	1.48E+04	1.57E+04	9.03E+02	0.00E+00	0.00E+00	8.40E-04	3.49E+02

HW2S325DE	7.34E+00	4.28E+02	-2.04E+01	4.49E+02	3.49E-03	0.00E+00	1.47E+04	9.74E-04	5.79E-01	6.32E+00	8.99E-01	3.89E+03	1.15E-05	6.82E-05	8.04E+03	2.03E+01	1.22E+00	1.17E+00	8.16E+00	2.10E+02	1.42E+04	5.65E+02	3.16E-05	4.60E-05	2.13E+00	1.10E-01	2.93E+02	6.12E+02	1.48E+04	1.43E-01	1.48E+04	1.57E+04	9.05E+02	0.00E+00	0.00E+00	8.91E-04	3.50E+02
HW2S325FB	3.49E+00	2.37E+02	-3.07E+01	2.68E+02	1.81E-03	0.00E+00	1.29E+04	7.75E-04	3.61E-01	3.92E+00	5.99E-01	1.58E+03	1.08E-05	2.65E-05	2.97E+03	1.17E+01	8.10E-01	8.19E-01	3.87E+00	1.32E+02	8.27E+03	3.88E+02	1.67E-05	2.24E-05	1.25E+00	6.82E-02	1.70E+02	5.82E+02	8.66E+03	1.06E-01	8.66E+03	9.41E+03	7.52E+02	0.00E+00	0.00E+00	8.40E-04	1.66E+02
HW2S325FE	3.51E+00	2.39E+02	-3.07E+01	2.69E+02	2.09E-03	0.00E+00	1.31E+04	7.99E-04	3.63E-01	3.94E+00	6.00E-01	1.58E+03	1.08E-05	2.65E-05	2.98E+03	1.25E+01	8.13E-01	8.21E-01	3.90E+00	1.33E+02	8.30E+03	3.96E+02	1.68E-05	2.25E-05	1.25E+00	6.86E-02	1.72E+02	5.82E+02	8.69E+03	1.06E-01	8.69E+03	9.45E+03	7.54E+02	0.00E+00	0.00E+00	8.91E-04	1.67E+02
HW2S406DB	9.41E+00	5.25E+02	-1.52E+01	5.40E+02	3.61E-03	0.00E+00	1.71E+04	1.14E-03	6.94E-01	7.59E+00	1.05E+00	5.16E+03	1.49E-05	9.01E-05	1.07E+04	2.31E+01	1.42E+00	1.36E+00	1.04E+01	2.58E+02	1.65E+04	7.04E+02	4.06E-05	5.90E-05	2.59E+00	1.37E-01	3.69E+02	6.27E+02	1.73E+04	1.90E-01	1.73E+04	1.82E+04	9.96E+02	0.00E+00	0.00E+00	8.40E-04	4.48E+02
HW2S406DE	9.42E+00	5.26E+02	-1.51E+01	5.41E+02	3.89E-03	0.00E+00	1.74E+04	1.18E-03	6.96E-01	7.61E+00	1.05E+00	5.16E+03	1.50E-05	9.02E-05	1.07E+04	2.40E+01	1.42E+00	1.36E+00	1.05E+01	2.59E+02	1.66E+04	7.11E+02	4.07E-05	5.91E-05	2.60E+00	1.38E-01	3.71E+02	6.27E+02	1.73E+04	1.90E-01	1.73E+04	1.83E+04	9.97E+02	0.00E+00	0.00E+00	8.91E-04	4.49E+02
HW2S406FB	4.32E+00	2.93E+02	-2.83E+01	3.21E+02	2.22E-03	0.00E+00	1.52E+04	9.20E-04	4.26E-01	4.63E+00	6.80E-01	2.03E+03	1.41E-05	3.38E-05	3.81E+03	1.43E+01	9.20E-01	9.29E-01	4.79E+00	1.63E+02	9.77E+03	4.89E+02	2.07E-05	2.78E-05	1.49E+00	8.53E-02	2.08E+02	5.90E+02	1.03E+04	1.40E-01	1.03E+04	1.11E+04	7.98E+02	0.00E+00	0.00E+00	8.40E-04	2.06E+02
HW2S406FE	4.34E+00	2.95E+02	-2.82E+01	3.23E+02	2.50E-03	0.00E+00	1.55E+04	9.60E-04	4.28E-01	4.64E+00	6.82E-01	2.03E+03	1.41E-05	3.39E-05	3.82E+03	1.52E+01	9.23E-01	9.34E-01	4.82E+00	1.63E+02	9.80E+03	4.96E+02	2.09E-05	2.78E-05	1.49E+00	8.57E-02	2.09E+02	5.90E+02	1.03E+04	1.40E-01	1.03E+04	1.11E+04	8.00E+02	0.00E+00	0.00E+00	8.91E-04	2.07E+02
HW2S408DB	9.41E+00	5.25E+02	-1.52E+01	5.40E+02	3.61E-03	0.00E+00	1.71E+04	1.14E-03	6.94E-01	7.59E+00	1.05E+00	5.16E+03	1.49E-05	9.01E-05	1.07E+04	2.31E+01	1.42E+00	1.36E+00	1.04E+01	2.58E+02	1.65E+04	7.04E+02	4.06E-05	5.90E-05	2.59E+00	1.37E-01	3.69E+02	6.27E+02	1.73E+04	1.90E-01	1.73E+04	1.82E+04	9.96E+02	0.00E+00	0.00E+00	8.40E-04	4.48E+02
HW2S408DE	9.42E+00	5.26E+02	-1.51E+01	5.41E+02	3.89E-03	0.00E+00	1.74E+04	1.18E-03	6.96E-01	7.61E+00	1.05E+00	5.16E+03	1.50E-05	9.02E-05	1.07E+04	2.40E+01	1.42E+00	1.36E+00	1.05E+01	2.59E+02	1.66E+04	7.11E+02	4.07E-05	5.91E-05	2.60E+00	1.38E-01	3.71E+02	6.27E+02	1.73E+04	1.90E-01	1.73E+04	1.83E+04	9.97E+02	0.00E+00	0.00E+00	8.91E-04	4.49E+02
HW2S408FB	4.32E+00	2.93E+02	-2.83E+01	3.21E+02	2.22E-03	0.00E+00	1.52E+04	9.20E-04	4.26E-01	4.63E+00	6.80E-01	2.03E+03	1.41E-05	3.38E-05	3.81E+03	1.43E+01	9.20E-01	9.29E-01	4.79E+00	1.63E+02	9.77E+03	4.89E+02	2.07E-05	2.78E-05	1.49E+00	8.53E-02	2.08E+02	5.90E+02	1.03E+04	1.40E-01	1.03E+04	1.11E+04	7.98E+02	0.00E+00	0.00E+00	8.40E-04	2.06E+02
HW2S408FE	4.34E+00	2.95E+02	-2.82E+01	3.23E+02	2.50E-03	0.00E+00	1.55E+04	9.60E-04	4.28E-01	4.64E+00	6.82E-01	2.03E+03	1.41E-05	3.39E-05	3.82E+03	1.52E+01	9.23E-01	9.34E-01	4.82E+00	1.63E+02	9.80E+03	4.96E+02	2.09E-05	2.78E-05	1.49E+00	8.57E-02	2.09E+02	5.90E+02	1.03E+04	1.40E-01	1.03E+04	1.11E+04	8.00E+02	0.00E+00	0.00E+00	8.91E-04	2.07E+02
HW2S410DB	9.41E+00	5.25E+02	-1.52E+01	5.40E+02	3.61E-03	0.00E+00	1.71E+04	1.14E-03	6.95E-01	7.59E+00	1.05E+00	5.16E+03	1.49E-05	9.01E-05	1.07E+04	2.31E+01	1.42E+00	1.36E+00	1.04E+01	2.58E+02	1.65E+04	7.04E+02	4.06E-05	5.90E-05	2.59E+00	1.37E-01	3.69E+02	6.27E+02	1.73E+04	1.90E-01	1.73E+04	1.82E+04	9.96E+02	0.00E+00	0.00E+00	8.40E-04	4.48E+02
HW2S410DE	9.43E+00	5.26E+02	-1.51E+01	5.42E+02	3.89E-03	0.00E+00	1.74E+04	1.18E-03	6.96E-01	7.61E+00	1.05E+00	5.16E+03	1.50E-05	9.02E-05	1.07E+04	2.40E+01	1.42E+00	1.36E+00	1.05E+01	2.59E+02	1.66E+04	7.11E+02	4.07E-05	5.91E-05	2.60E+00	1.38E-01	3.71E+02	6.27E+02	1.73E+04	1.90E-01	1.73E+04	1.83E+04	9.97E+02	0.00E+00	0.00E+00	8.91E-04	4.49E+02
HW2S410FB	4.32E+00	2.93E+02	-2.83E+01	3.21E+02	2.22E-03	0.00E+00	1.52E+04	9.20E-04	4.26E-01	4.63E+00	6.80E-01	2.03E+03	1.41E-05	3.38E-05	3.81E+03	1.43E+01	9.20E-01	9.29E-01	4.79E+00	1.63E+02	9.77E+03	4.89E+02	2.07E-05	2.78E-05	1.49E+00	8.53E-02	2.08E+02	5.90E+02	1.03E+04	1.40E-01	1.03E+04	1.11E+04	7.98E+02	0.00E+00	0.00E+00	8.40E-04	2.06E+02
HW2S410FE	4.34E+00	2.95E+02	-2.82E+01	3.23E+02	2.50E-03	0.00E+00	1.55E+04	9.60E-04	4.28E-01	4.65E+00	6.82E-01	2.03E+03	1.41E-05	3.39E-05	3.82E+03	1.52E+01	9.23E-01	9.34E-01	4.82E+00	1.63E+02	9.80E+03	4.96E+02	2.09E-05	2.79E-05	1.49E+00	8.57E-02	2.09E+02	5.90E+02	1.03E+04	1.40E-01	1.03E+04	1.11E+04	8.00E+02	0.00E+00	0.00E+00	8.91E-04	2.07E+02
HW2S412DB	9.41E+00	5.25E+02	-1.52E+01	5.40E+02	3.61E-03	0.00E+00	1.71E+04	1.14E-03	6.95E-01	7.59E+00	1.05E+00	5.16E+03	1.49E-05	9.01E-05	1.07E+04	2.31E+01	1.42E+00	1.36E+00	1.04E+01	2.58E+02	1.65E+04	7.04E+02	4.06E-05	5.90E-05	2.59E+00	1.37E-01	3.69E+02	6.27E+02	1.73E+04	1.90E-01	1.73E+04	1.82E+04	9.96E+02	0.00E+00	0.00E+00	8.40E-04	4.48E+02
HW2S412DE	9.43E+00	5.26E+02	-1.51E+01	5.42E+02	3.89E-03	0.00E+00	1.74E+04	1.18E-03	6.96E-01	7.61E+00	1.05E+00	5.16E+03	1.50E-05	9.02E-05	1.07E+04	2.40E+01	1.42E+00	1.36E+00	1.05E+01	2.59E+02	1.66E+04	7.11E+02	4.07E-05	5.91E-05	2.60E+00	1.38E-01	3.71E+02	6.27E+02	1.73E+04	1.90E-01	1.73E+04	1.83E+04	9.97E+02	0.00E+00	0.00E+00	8.91E-04	4.49E+02
HW2S412FB	4.32E+00	2.93E+02	-2.83E+01	3.21E+02	2.22E-03	0.00E+00	1.52E+04	9.20E-04	4.26E-01	4.63E+00	6.80E-01	2.03E+03	1.41E-05	3.38E-05	3.81E+03	1.43E+01	9.20E-01	9.29E-01	4.79E+00	1.63E+02	9.77E+03	4.89E+02	2.07E-05	2.78E-05	1.49E+00	8.53E-02	2.08E+02	5.90E+02	1.03E+04	1.40E-01	1.03E+04	1.11E+04	7.98E+02	0.00E+00	0.00E+00	8.40E-04	2.06E+02
HW2S412FE	4.34E+00	2.95E+02	-2.82E+01	3.23E+02	2.50E-03	0.00E+00	1.55E+04	9.60E-04	4.28E-01	4.65E+00	6.82E-01	2.03E+03	1.41E-05	3.39E-05	3.82E+03	1.52E+01	9.23E-01	9.34E-01	4.82E+00	1.63E+02	9.80E+03	4.96E+02	2.09E-05	2.79E-05	1.49E+00	8.57E-02	2.09E+02	5.90E+02	1.03E+04	1.40E-01	1.03E+04	1.11E+04	8.00E+02	0.00E+00	0.00E+00	8.91E-04	2.07E+02
HW2S416DB	9.41E+00	5.25E+02	-1.52E+01	5.40E+02	3.61E-03	0.00E+00	1.71E+04	1.14E-03	6.95E-01	7.59E+00	1.05E+00	5.16E+03	1.49E-05	9.01E-05	1.07E+04	2.31E+01	1.42E+00	1.36E+00	1.04E+01	2.58E+02	1.65E+04	7.04E+02	4.06E-05	5.90E-05	2.59E+00	1.37E-01	3.69E+02	6.27E+02	1.73E+04	1.90E-01	1.73E+04	1.82E+04	9.96E+02	0.00E+00	0.00E+00	8.40E-04	4.48E+02
HW2S416DE	9.43E+00	5.26E+02	-1.51E+01	5.42E+02	3.89E-03	0.00E+00	1.74E+04	1.18E-03	6.96E-01	7.61E+00	1.05E+00	5.16E+03	1.50E-05	9.02E-05	1.07E+04	2.40E+01	1.42E+00	1.36E+00	1.05E+01	2.59E+02	1.66E+04	7.11E+02	4.07E-05	5.91E-05	2.60E+00	1.38E-01	3.71E+02	6.27E+02	1.73E+04	1.90E-01	1.73E+04	1.83E+04	9.97E+02	0.00E+00	0.00E+00	8.91E-04	4.49E+02
HW2S416FB	4.32E+00	2.93E+02	-2.83E+01	3.21E+02	2.22E-03	0.00E+00	1.52E+04	9.20E-04	4.26E-01	4.63E+00	6.80E-01	2.03E+03	1.41E-05	3.38E-05	3.81E+03	1.43E+01	9.20E-01	9.29E-01	4.79E+00	1.63E+02	9.77E+03	4.89E+02	2.07E-05	2.78E-05	1.49E+00	8.53E-02	2.08E+02	5.90E+02	1.03E+04	1.40E-01	1.03E+04	1.11E+04	7.98E+02	0.00E+00	0.00E+00	8.40E-04	2.06E+02
HW2S416FE	4.34E+00	2.95E+02	-2.82E+01	3.23E+02	2.50E-03	0.00E+00	1.55E+04	9.60E-04	4.28E-01	4.65E+00	6.82E-01	2.03E+03	1.41E-05	3.39E-05	3.82E+03	1.52E+01	9.23E-01	9.34E-01	4.82E+00	1.63E+02	9.80E+03	4.96E+02	2.09E-05	2.79E-05	1.49E+00	8.57E-02	2.09E+02	5.90E+02	1.03E+04	1.40E-01	1.03E+04	1.11E+04	8.00E+02	0.00E+00	0.00E+00	8.91E-04	2.07E+02
HW2S420DB	9.41E+00	5.25E+02	-1.52E+01	5.40E+02	3.61E-03	0.00E+00	1.71E+04	1.14E-03	6.95E-01	7.59E+00	1.05E+00	5.16E+03	1.49E-05	9.01E-05	1.07E+04	2.31E+01	1.42E+00	1.36E+00	1.04E+01	2.58E+02	1.65E+04	7.04E+02	4.06E-05	5.90E-05	2.59E+00	1.37E-01	3.69E+02	6.27E+02	1.73E+04	1.90E-01	1.73E+04	1.82E+04	9.96E+02	0.00E+00	0.00E+00	8.40E-04	4.48E+02
HW2S420DE	9.43E+00	5.26E+02	-1.51E+01	5.42E+02	3.89E-03	0.00E+00	1.74E+04	1.18E-03	6.96E-01	7.61E+00	1.05E+00	5.16E+03	1.50E-05	9.02E-05	1.07E+04	2.40E+01	1.42E+00	1.36E+00	1.05E+01	2.59E+02	1.66E+04	7.11E+02	4.07E-05	5.91E-05	2.60E+00	1.38E-01	3.71E+02	6.27E+02	1.73E+04	1.90E-01	1.73E+04	1.83E+04	9.97E+02	0.00E+00	0.00E+00	8.91E-04	4.49E+02
HW2S420FB	4.32E+00	2.93E+02	-2.83E+01	3.21E+02	2.22E-03	0.00E+00	1.52E+04	9.20E-04	4.26E-01	4.63E+00	6.80E-01	2.03E+03	1.41E-05	3.38E-05	3.81E+03	1.43E+01	9.20E-01	9.29E-01	4.79E+00	1.63E+02	9.77E+03	4.89E+02	2.07E-05	2.78E-05	1.49E+00	8.53E-02	2.08E+02	5.90E+02	1.03E+04	1.40E-01	1.03E+04	1.11E+04	7.98E+02	0.00E+00	0.00E+00	8.40E-04	2.06E+02
HW2S420FE	4.34E+00	2.95E+02	-2.82E+01	3.23E+02	2.50E-03	0.00E+00	1.55E+04	9.60E-04	4.28E-01	4.65E+00	6.82E-01	2.03E+03	1.41E-05	3.39E-05	3.82E+03	1.52E+01	9.23E-01	9.34E-01	4.82E+00	1.63E+02	9.80E+03	4.96E+02	2.09E-05	2.79E-05	1.49E+00	8.57E-02	2.09E+02	5.90E+02	1.03E+04	1.40E-01	1.03E+04	1.11E+04	8.00E+02	0.00E+00	0.00E+00	8.91E-04	2.07E+02
HW2S425DB	9.41E+00	5.25E+02	-1.52E+01	5.40E+02	3.61E-03	0.00E+00	1.71E+04	1.14E-03	6.95E-01	7.59E+00	1.05E+00	5.16E+03	1.49E-05	9.01E-05	1.07E+04	2.31E+01	1.42E+00	1.36E+00	1.04E+01	2.58E+02	1.65E+04	7.04E+02	4.06E-05	5.90E-05	2.59E+00	1.37E-01	3.69E+02	6.27E+02	1.73E+04	1.90E-01	1.73E+04	1.82E+04	9.96E+02	0.00E+00	0.00E+00	8.40E-04	4.48E+02
HW2S425DE	9.43E+00	5.26E+02	-1.51E+01	5.42E+02	3.89E-03	0.00E+00	1.74E+04	1.18E-03	6.96E-01	7.61E+00	1.05E+00	5.16E+03	1.50E-05	9.02E-05	1.07E+04	2.40E+01	1.42E+00	1.36E+00	1.05E+01	2.59E+02	1.66E+04	7.11E+02	4.07E-05	5.91E-05	2.60E+00	1.38E-01	3.71E+02	6.27E+02	1.73E+04	1.90E-01	1.73E+04	1.83E+04	9.97E+02	0.00E+00	0.00E+00	8.91E-04	4.49E+02
HW2S425FB	4.32E+00	2.93E+02	-2.83E+01	3.21E+02	2.22E-03	0.00E+00	1.52E+04	9.20E-04	4.26E-01	4.63E+00	6.80E-01	2.03E+03	1.41E-05	3.38E-05	3.81E+03	1.43E+01	9.20E-01	9.29E-01	4.79E+00	1.63E+02	9.77E+03	4.89E+02	2.07E-05	2.78E-05	1.49E+00	8.53E-02	2.08E+02	5.90E+02	1.03E+04	1.40E-01	1.03E+04	1.11E+04	7.98E+02	0.00E+00	0.00E+00	8.40E-04	2.06E+02
HW2S425FE	4.34E+00	2.95E+02	-2.82E+01	3.23E+02	2.50E-03	0.00E+00	1.55E+04	9.60E-04	4.28E-01	4.65E+00	6.82E-01	2.03E+03	1.41E-05	3.39E-05	3.82E+03	1.52E+01	9.23E-01	9.34E-01	4.82E+00	1.63E+02	9.80E+03	4.96E+02	2.09E-05	2.79E-05	1.49E+00	8.57E-02	2.09E+02	5.90E+02	1.03E+04	1.40E-01	1.03E+04	1.11E+04	8.00E+02	0.00E+00	0.00E+00	8.91E-04	2.07E+02
HW2W306DS	7.14E+00	4.11E+02	-2.08E+01	4.32E+02	2.99E-03	0.00E+00	8.96E+03	7.16E-04	5.52E-01	6.03E+00	8.79E-01	3.83E+03	1.11E-05	6.69E-05	7.89E+03	1.83E+01	1.19E+00	1.09E+00	7.90E+00	2.04E+02	1.38E+04	5.34E+02	3.08E-05	4.46E-05	2.04E+00	1.07E-01	2.65E+02	6.10E+02	1.43E+04	1.42E-01	1.43E+04	1.52E+04	8.74E+02	0.00E+00	0.00E+00	0.00E+00	3.40E+02
HW2W306FS	3.33E+00	2.25E+02	-3.08E+01	2.56E+02	1.85E-03	0.00E+00	7.35E+03	5.30E-04	3.50E-01	3.80E+00	5.80E-01	1.53E+03	1.04E-05	2.52E-05	2.82E+03	1.19E+01	7.85E-01	7.43E-01	3.66E+00	1.35E+02	7.85E+03	3.71E+02	1.60E-05	2.12E-05	1.21E+00	7.15E-02	1.36E+02	5.80E+02	8.22E+03	1.05E-01	8.22E+03	8.93E+03	7.16E+02	0.00E+00	0.00E+00	0.00E+00	1.57E+02
HW2W308DS	7.14E+00	4.11E+02	-2.08E+01	4.32E+02	2.99E-03	0.00E+00	8.52E+03	7.52E-04	5.52E-01	6.02E+00	8.79E-01	3.83E+03	1.11E-05	6.69E-05	7.88E+03	1.85E+01	1.19E+00	1.10E+00	7.90E+00	2.04E+02	1.38E+04	5.33E+02	3.08E-05	4.46E-05	2.04E+00	1.07E-01	2.65E+02	6.10E+02	1.43E+04	1.42E-01	1.43E+04	1.52E+04	8.74E+02	0.00E+00	0.00E+00	8.40E-04	3.39E+02
HW2W308FS	3.34E+00	2.24E+02	-3.12E+01	2.55E+02	1.59E-03	0.00E+00	6.90E+03	5.74E-04	3.50E-01	3.80E+00	5.80E-01	1.53E+03	1.04E-05	2.52E-05	2.83E+03	1.04E+01	7.85E-01	7.49E-01	3.63E+00	1.23E+02	7.89E+03	3.64E+02	1.59E-05	2.12E-05	1.20E+00	6.33E-02	1.40E+02	5.80E+02	8.25E+03	1.05E-01	8.25E+03	8.97E+03	7.20E+02	0.00E+00	0.00E+00	8.40E-04	1.56E+02
HW2W310DS	7.16E+00	4.18E+02	-2.03E+01	4.38E+02	3.25E-03	0.00E+00	8.98E+03	7.27E-04	5.56E-01	6.07E+00	8.79E-01	3.83E+03	1.11E-05	6.69E-05	7.89E+03	2.06E+01	1.19E+00	1.09E+00	7.95E+00	2.24E+02	1.39E+04	5.40E+02	3.10E-05	4.48E-05	2.06E+00	1.20E-01	2.78E+02	6.10E+02	1.44E+04	1.42E-01	1.44E+04	1.53E+04	8.88E+02	0.00E+00	0.00E+00	0.00E+00	3.41E+02
HW2W310FS	3.36E+00	2.29E+02	-3.08E+01	2.60E+02	1.85E-03	0.00E+00	7.35E+03	5.48E-04	3.53E-01	3.83E+00	5.80E-01	1.53E+03	1.04E-05	2.52E-05	2.83E+03	1.19E+01	7.85E-01	7.43E-01	3.66E+00	1.36E+02	7.97E+03	3.71E+02	1.60E-05	2.14E-05	1.22E+00	7.16E-02	1.49E+02	5.80E+02	8.34E+03	1.05E-01	8.34E+03	9.06E+03	7.29E+02	0.00E+00	0.00E+00	0.00E+00	1.57E+02
HW2W312DS	7.16E+00	4.18E+02	-2.03E+01	4.38E+02	3.25E-03	0.00E+00	8.98E+03	7.27E-04	5.56E-01	6.07E+00	8.79E-01	3.83E+03	1.11E-05	6.69E-05	7.89E+03	2.06E+01	1.19E+00	1.09E+00	7.95E+00	2.24E+02	1.39E+04	5.40E+02	3.10E-05	4.48E-05	2.06E+00	1.20E-01	2.78E+02	6.10E+02	1.44E+04	1.42E-01	1.44E+04	1.53E+04	8.88E+02	0.00E+00	0.00E+00	0.00E+00	3.41E+02
HW2W312FS	3.36E+00	2.29E+02	-3.08E+01	2.60E+02	1.85E-03	0.00E+00	7.35E+03	5.48E-04	3.53E-01	3.83E+00	5.80E-01	1.53E+03	1.04E-05	2.52E-05	2.83E+03	1.19E+01	7.85E-01	7.43E-01	3.66E+00	1.36E+02	7.97E+03	3.71E+02	1.60E-05	2.14E-05	1.22E+00	7.16E-02	1.49E+02	5.80E+02	8.34E+03	1.05E-01	8.34E+03	9.06E+03	7.29E+02	0.00E+00	0.00E+00	0.00E+00	1.57E+02
HW2W316DS	7.16E+00	4.18E+02	-2.03E+01	4.38E+02	3.25E-03	0.00E+00	8.98E+03	7.27E-04	5.56E-01	6.07E+00	8.79E-01	3.83E+03	1.11E-05	6.69E-05	7.89E+03	2.06E+01	1.19E+00	1.09E+00	7.95E+00	2.24E+02	1.39E+04	5.40E+02	3.10E-05	4.48E-05	2.06E+00	1.20E-01	2.78E+02	6.10E+02	1.44E+04	1.42E-01	1.44E+04	1.53E+04	8.88E+02	0.00E+00	0.00E+00	0.00E+00	3.41E+02
HW2W316FS	3.36E+00	2.29E+02	-3.08E+01	2.60E+02	1.85E-03	0.00E+00	7.35E+03	5.48E-04	3.53E-01	3.83E+00	5.80E-01	1.53E+03	1.04E-05	2.52E-05	2.83E+03	1.19E+01	7.85E-01	7.43E-01	3.66E+00	1.36E+02	7.97E+03	3.71E+02	1.60E-05	2.14E-05	1.22E+00	7.16E-02	1.49E+02	5.80E+02	8.34E+03	1.05E-01	8.34E+03	9.06E+03	7.29E+02	0.00E+00	0.00E+00	0.00E+00	1.57E+02
HW2W320DS	7.16E+00	4.18E+02	-2.03E+01	4.38E+02	3.25E-03	0.00E+00	8.98E+03	7.27E-04	5.56E-01	6.07E+00	8.79E-01	3.83E+03	1.11E-05	6.69E-05	7.89E+03	2.06E+01	1.19E+00	1.09E+00	7.95E+00	2.24E+02	1.39E+04	5.40E+02	3.10E-05	4.48E-05	2.06E+00	1.20E-01	2.78E+02	6.10E+02	1.44E+04	1.42E-01	1.44E+04	1.53E+04	8.88E+02	0.00E+00	0.00E+00	0.00E+00	3.41E+02
HW2W320FS	3.36E+00	2.29E+02	-3.08E+01	2.60E+02	1.85E-03	0.00E+00	7.35E+03	5.48E-04	3.53E-01	3.83E+00	5.80E-01	1.53E+03	1.04E-05	2.52E-05	2.83E+03	1.19E+01	7.85E-01	7.43E-01	3.66E+00	1.36E+02	7.97E+03	3.71E+02	1.60E-05	2.14E-05	1.22E+00	7.16E-02	1.49E+02	5.80E+02	8.34E+03	1.05E-01	8.34E+03	9.06E+03	7.29E+02	0.00E+00	0.00E+00	0.00E+00	1.57E+02
HW2W325DS	7.16E+00	4.18E+02	-2.03E+01	4.38E+02	3.25E-03	0.00E+00	8.98E+03	7.27E-04	5.56E-01	6.07E+00	8.79E-01	3.83E+03	1.11E-05	6.69E-05	7.89E+03	2.06E+01	1.19E+00	1.09E+00	7.95E+00	2.24E+02	1.39E+04	5.40E+02	3.10E-05	4.48E-05	2.06E+00	1.20E-01	2.78E+02	6.10E+02	1.44E+04	1.42E-01	1.44E+04	1.53E+04	8.88E+02	0.00E+00	0.00E+00	0.00E+00	3.41E+02
HW2W325FS	3.36E+00	2.29E+02	-3.08E+01	2.60E+02	1.85E-03	0.00E+00	7.35E+03	5.48E-04	3.53E-01	3.83E+00	5.80E-01	1.53E+03	1.04E-05	2.52E-05	2.83E+03	1.19E+01	7.85E-01	7.43E-01	3.66E+00	1.36E+02	7.97E+03	3.71E+02	1.60E-05	2.14E-05	1.22E+00	7.16E-02	1.49E+02	5.80E+02	8.34E+03	1.05E-01	8.34E+03	9.06E+03	7.29E+02	0.00E+00	0.00E+00	0.00E+00	1.57E+02
HW2W406DS	9.18E+00	5.11E+02	-1.50E+01	5.25E+02	3.71E-03	0.00E+00	1.02E+04	8.73E-04	6.67E-01	7.28E+00	1.02E+00	5.09E+03	1.45E-05	8.85E-05	1.05E+04	2.47E+01	1.38E+00	1.26E+00	1.02E+01	2.76E+02	1.61E+04	6.83E+02	3.99E-05	5.75E-05	2.51E+00	1.51E-01	3.41E+02	6.24E+02	1.67E+04	1.89E-01	1.67E+04	1.77E+04	9.65E+02	0.00E+00	0.00E+00	0.00E+00	4.37E+02
HW2W406FS	4.17E+00	2.79E+02	-2.81E+01	3.08E+02	2.32E-03	0.00E+00	8.32E+03	6.54E-04	4.01E-01	4.35E+00	6.59E-01	2.02E+03	1.37E-05	3.32E-05	3.74E+03	1.53E+01	8.92E-01	8.39E-01	4.61E+00	1.73E+02	9.29E+03	4.67E+02	2.03E-05	2.66E-05	1.41E+00	9.37E-02	1.77E+02	5.88E+02	9.75E+03	1.39E-01	9.75E+03	1.05E+04	7.65E+02	0.00E+00	0.00E+00	0.00E+00	1.98E+02
HW2W408DS	9.17E+00	5.05E+02	-1.56E+01	5.21E+02	3.39E-03	0.00E+00	9.76E+03	9.15E-04	6.65E-01	7.27E+00	1.02E+00	5.09E+03	1.45E-05	8.85E-05	1.05E+04	2.21E+01	1.38E+00	1.27E+00	1.01E+01	2.52E+02	1.61E+04	6.75E+02	3.96E-05	5.73E-05	2.50E+00	1.34E-01	3.37E+02	6.24E+02	1.67E+04	1.89E-01	1.67E+04	1.77E+04	9.61E+02	0.00E+00	0.00E+00	8.40E-04	4.35E+02
HW2W408FS	4.17E+00	2.76E+02	-2.86E+01	3.05E+02	2.00E-03	0.00E+00	7.87E+03	6.96E-04	4.00E-01	4.34E+00	6.59E-01	2.02E+03	1.37E-05	3.32E-05	3.75E+03	1.33E+01	8.92E-01	8.45E-01	4.58E+00	1.56E+02	9.31E+03	4.59E+02	2.01E-05	2.66E-05	1.41E+00	8.25E-02	1.78E+02	5.88E+02	9.77E+03	1.39E-01	9.77E+03	1.05E+04	7.66E+02	0.00E+00	0.00E+00	8.40E-04	1.97E+02
HW2W410DS	9.21E+00	5.14E+02	-1.50E+01	5.29E+02	3.71E-03	0.00E+00	1.02E+04	8.92E-04	6.70E-01	7.32E+00	1.02E+00	5.09E+03	1.45E-05	8.85E-05	1.05E+04	2.47E+01	1.38E+00	1.26E+00	1.02E+01	2.77E+02	1.62E+04	6.83E+02	3.99E-05	5.77E-05	2.52E+00	1.51E-01	3.55E+02	6.24E+02	1.69E+04	1.89E-01	1.69E+04	1.78E+04	9.79E+02	0.00E+00	0.00E+00	0.00E+00	4.38E+02
HW2W410FS	4.20E+00	2.83E+02	-2.81E+01	3.11E+02	2.32E-03	0.00E+00	8.33E+03	6.73E-04	4.04E-01	4.38E+00	6.59E-01	2.02E+03	1.37E-05	3.32E-05	3.75E+03	1.54E+01	8.92E-01	8.39E-01	4.62E+00	1.74E+02	9.41E+03	4.67E+02	2.03E-05	2.68E-05	1.42E+00	9.37E-02	1.91E+02	5.88E+02	9.88E+03	1.39E-01	9.88E+03	1.07E+04	7.79E+02	0.00E+00	0.00E+00	0.00E+00	1.98E+02
HW2W412DS	9.21E+00	5.14E+02	-1.50E+01	5.29E+02	3.71E-03	0.00E+00	1.02E+04	8.92E-04	6.70E-01	7.32E+00	1.02E+00	5.09E+03	1.45E-05	8.85E-05	1.05E+04	2.47E+01	1.38E+00	1.26E+00	1.02E+01	2.77E+02	1.62E+04	6.83E+02	3.99E-05	5.77E-05	2.52E+00	1.51E-01	3.55E+02	6.24E+02	1.69E+04	1.89E-01	1.69E+04	1.78E+04	9.79E+02	0.00E+00	0.00E+00	0.00E+00	4.38E+02
HW2W412FS	4.20E+00	2.83E+02	-2.81E+01	3.11E+02	2.32E-03	0.00E+00	8.33E+03	6.73E-04	4.04E-01	4.38E+00	6.59E-01	2.02E+03	1.37E-05	3.32E-05	3.75E+03	1.54E+01	8.92E-01	8.39E-01	4.62E+00	1.74E+02	9.41E+03	4.67E+02	2.03E-05	2.68E-05	1.42E+00	9.37E-02	1.91E+02	5.88E+02	9.88E+03	1.39E-01	9.88E+03	1.07E+04	7.79E+02	0.00E+00	0.00E+00	0.00E+00	1.98E+02
HW2W416DS	9.21E+00	5.14E+02	-1.50E+01	5.29E+02	3.71E-03	0.00E+00	1.02E+04	8.92E-04	6.70E-01	7.32E+00	1.02E+00	5.09E+03	1.45E-05	8.85E-05	1.05E+04	2.47E+01	1.38E+00	1.26E+00	1.02E+01	2.77E+02	1.62E+04	6.83E+02	3.99E-05	5.77E-05	2.52E+00	1.51E-01	3.55E+02	6.24E+02	1.69E+04	1.89E-01	1.69E+04	1.78E+04	9.79E+02	0.00E+00	0.00E+00	0.00E+00	4.38E+02
HW2W416FS	4.20E+00	2.83E+02	-2.81E+01	3.11E+02	2.32E-03	0.00E+00	8.33E+03	6.73E-04	4.04E-01	4.38E+00	6.59E-01	2.02E+03	1.37E-05	3.32E-05	3.75E+03	1.54E+01	8.92E-01	8.39E-01	4.62E+00	1.74E+02	9.41E+03	4.67E+02	2.03E-05	2.68E-05	1.42E+00	9.37E-02	1.91E+02	5.88E+02	9.88E+03	1.39E-01	9.88E+03	1.07E+04	7.79E+02	0.00E+00	0.00E+00	0.00E+00	1.98E+02
HW2W420DS	9.21E+00	5.14E+02	-1.50E+01	5.29E+02	3.71E-03	0.00E+00	1.02E+04	8.92E-04	6.70E-01	7.32E+00	1.02E+00	5.09E+03	1.45E-05	8.85E-05	1.05E+04	2.47E+01	1.38E+00	1.26E+00	1.02E+01	2.77E+02	1.62E+04	6.83E+02	3.99E-05	5.77E-05	2.52E+00	1.51E-01	3.55E+02	6.24E+02	1.69E+04	1.89E-01	1.69E+04	1.78E+04	9.79E+02	0.00E+00	0.00E+00	0.00E+00	4.38E+02
HW2W420FS	4.20E+00	2.83E+02	-2.81E+01	3.11E+02	2.32E-03	0.00E+00	8.33E+03	6.73E-04	4.04E-01	4.38E+00	6.59E-01	2.02E+03	1.37E-05	3.32E-05	3.75E+03	1.54E+01	8.92E-01	8.39E-01	4.62E+00	1.74E+02	9.41E+03	4.67E+02	2.03E-05	2.68E-05	1.42E+00	9.37E-02	1.91E+02	5.88E+02	9.88E+03	1.39E-01	9.88E+03	1.07E+04	7.79E+02	0.00E+00	0.00E+00	0.00E+00	1.98E+02
HW2W425DS	9.21E+00	5.14E+02	-1.50E+01	5.29E+02	3.71E-03	0.00E+00	1.02E+04	8.92E-04	6.70E-01	7.32E+00	1.02E+00	5.09E+03	1.45E-05	8.85E-05	1.05E+04	2.47E+01	1.38E+00	1.26E+00	1.02E+01	2.77E+02	1.62E+04	6.83E+02	3.99E-05	5.77E-05	2.52E+00	1.51E-01	3.55E+02	6.24E+02	1.69E+04	1.89E-01	1.69E+04	1.78E+04	9.79E+02	0.00E+00	0.00E+00	0.00E+00	4.38E+02
HW2W425FS	4.20E+00	2.83E+02	-2.81E+01	3.11E+02	2.32E-03	0.00E+00	8.33E+03	6.73E-04	4.04E-01	4.38E+00	6.59E-01	2.02E+03	1.37E-05	3.32E-05	3.75E+03	1.54E+01	8.92E-01	8.39E-01	4.62E+00	1.74E+02	9.41E+03	4.67E+02	2.03E-05	2.68E-05	1.42E+00	9.37E-02	1.91E+02	5.88E+02	9.88E+03	1.39E-01	9.88E+03	1.07E+04	7.79E+02	0.00E+00	0.00E+00	0.00E+00	1.98E+02
HF4P340DCKH-MTS	1.40E+01	6.60E+02	-1.99E+01	6.80E+02	3.79E-03	0.00E+00	2.62E+04	8.98E-02	9.98E-01	1.11E+01	1.19E+00	7.77E+03	1.12E-05	1.45E-04	1.67E+04	2.93E+02	1.61E+00	2.60E+01	1.67E+01	2.69E+02	2.04E+04	7.07E+02	5.64E-05	8.48E-05	3.73E+00	1.57E-01	5.32E+02	6.41E+02	2.11E+04	1.90E-01	2.11E+04	2.23E+04	1.17E+03	0.00E+00	0.00E+00	0.00E+00	7.19E+02
HF4P340DEKH-MTS	1.41E+01	6.81E+02	-1.98E+01	7.01E+02	4.25E-03	0.00E+00	2.65E+04	8.98E-02	1.01E+00	1.12E+01	1.20E+00	7.84E+03	1.12E-05	1.46E-04	1.70E+04	2.94E+02	1.62E+00	2.62E+01	1.69E+01	2.74E+02	2.08E+04	7.20E+02	5.88E-05	8.56E-05	3.79E+00	1.59E-01	5.46E+02	6.42E+02	2.15E+04	1.93E-01	2.15E+04	2.27E+04	1.19E+03	0.00E+00	0.00E+00	5.83E-05	7.25E+02
HF4P440DCKH-MTS	1.83E+01	8.40E+02	-1.35E+01	8.53E+02	4.52E-03	0.00E+00	3.06E+04	1.20E-01	1.26E+00	1.40E+01	1.44E+00	1.04E+04	1.34E-05	1.93E-04	2.22E+04	3.87E+02	1.95E+00	3.24E+01	2.18E+01	3.29E+02	2.46E+04	8.99E+02	7.53E-05	1.11E-04	4.74E+00	1.93E-01	6.92E+02	6.66E+02	2.55E+04	2.55E-01	2.55E+04	2.68E+04	1.36E+03	0.00E+00	0.00E+00	8.47E-06	9.38E+02
HF4P440DEKH-MTS	1.84E+01	8.48E+02	-1.34E+01	8.62E+02	4.85E-03	0.00E+00	3.07E+04	1.20E-01	1.26E+00	1.40E+01	1.44E+00	1.04E+04	1.34E-05	1.93E-04	2.25E+04	3.88E+02	1.95E+00	3.26E+01	2.19E+01	3.31E+02	2.48E+04	9.08E+02	7.59E-05	1.11E-04	4.76E+00	1.94E-01	6.98E+02	6.66E+02	2.57E+04	2.56E-01	2.57E+04	2.70E+04	1.36E+03	0.00E+00	0.00E+00	5.83E-05	9.41E+02
HF4W340DSAH-MTS	1.31E+01	5.74E+02	-1.00E+01	5.84E+02	3.50E-03	0.00E+00	1.20E+04	2.29E-02	7.82E-01	8.61E+00	1.17E+00	7.81E+03	1.22E-05	1.39E-04	1.66E+04	8.88E+01	1.58E+00	4.85E+00	1.47E+01	2.62E+02	1.71E+04	6.72E+02	5.47E-05	8.10E-05	3.09E+00	1.40E-01	4.40E+02	6.38E+02	1.78E+04	2.09E-01	1.78E+04	1.89E+04	1.08E+03	0.00E+00	0.00E+00	0.00E+00	6.31E+02
HF4W440DSAH-MTS	1.71E+01	7.22E+02	-1.27E+00	7.23E+02	4.17E-03	0.00E+00	1.42E+04	3.04E-02	9.63E-01	1.06E+01	1.41E+00	1.04E+04	1.48E-05	1.85E-04	2.21E+04	1.16E+02	1.90E+00	6.27E+00	1.92E+01	3.29E+02	2.05E+04	8.55E+02	7.18E-05	1.06E-04	3.87E+00	1.78E-01	5.72E+02	6.62E+02	2.14E+04	2.79E-01	2.14E+04	2.26E+04	1.23E+03	0.00E+00	0.00E+00	0.00E+00	8.27E+02
HF4P340FCKH-MTS	7.81E+00	3.90E+02	-2.95E+01	4.20E+02	2.02E-03	0.00E+00	2.22E+04	4.56E-02	6.79E-01	7.49E+00	7.83E-01	4.03E+03	6.33E-06	7.49E-05	8.47E+03	1.49E+02	1.06E+00	1.39E+01	9.08E+00	1.63E+02	1.21E+04	4.66E+02	3.16E-05	4.67E-05	2.40E+00	9.37E-02	3.02E+02	6.00E+02	1.26E+04	1.26E-01	1.26E+04	1.35E+04	9.02E+02	0.00E+00	0.00E+00	0.00E+00	3.90E+02
HF4P340FEKH-MTS	7.93E+00	4.07E+02	-2.94E+01	4.37E+02	2.39E-03	0.00E+00	2.34E+04	4.57E-02	6.93E-01	7.65E+00	7.89E-01	4.08E+03	6.70E-06	7.54E-05	8.50E+03	1.51E+02	1.07E+00	1.39E+01	9.25E+00	1.69E+02	1.24E+04	4.80E+02	3.39E-05	4.74E-05	2.45E+00	9.65E-02	3.13E+02	6.01E+02	1.29E+04	1.29E-01	1.29E+04	1.38E+04	9.14E+02	0.00E+00	0.00E+00	8.47E-06	3.97E+02
HF4P440FCKH-MTS	1.02E+01	5.14E+02	-2.60E+01	5.40E+02	2.78E-03	0.00E+00	2.69E+04	6.08E-02	8.62E-01	9.52E+00	9.33E-01	5.40E+03	7.47E-06	9.96E-05	1.13E+04	1.98E+02	1.26E+00	1.75E+01	1.19E+01	2.03E+02	1.51E+04	6.05E+02	4.30E-05	6.11E-05	3.07E+00	1.17E-01	3.97E+02	6.16E+02	1.57E+04	1.70E-01	1.57E+04	1.67E+04	1.01E+03	0.00E+00	0.00E+00	8.47E-06	5.13E+02
HF4P440FEKH-MTS	1.03E+01	5.19E+02	-2.59E+01	5.45E+02	3.09E-03	0.00E+00	2.70E+04	6.08E-02	8.67E-01	9.57E+00	9.35E-01	5.42E+03	7.47E-06	9.98E-05	1.16E+04	1.99E+02	1.27E+00	1.75E+01	1.20E+01	2.05E+02	1.51E+04	6.13E+02	4.36E-05	6.13E-05	3.08E+00	1.18E-01	4.01E+02	6.16E+02	1.58E+04	1.71E-01	1.58E+04	1.68E+04	1.02E+03	0.00E+00	0.00E+00	5.83E-05	5.15E+02
HF4W340FSAH-MTS	7.17E+00	3.24E+02	-2.49E+01	3.49E+02	1.97E-03	0.00E+00	9.86E+03	2.26E-02	4.85E-01	5.33E+00	7.62E-01	4.06E+03	6.64E-06	7.21E-05	8.41E+03	7.92E+01	1.03E+00	4.38E+00	8.17E+00	1.54E+02	1.01E+04	4.40E+02	3.12E-05	4.42E-05	1.84E+00	8.31E-02	2.58E+02	5.98E+02	1.06E+04	1.47E-01	1.06E+04	1.14E+04	8.56E+02	0.00E+00	0.00E+00	0.00E+00	3.51E+02
HF4W440FSAH-MTS	9.78E+00	4.22E+02	-1.94E+01	4.41E+02	2.45E-03	0.00E+00	1.20E+04	3.02E-02	6.00E-01	6.61E+00	9.45E-01	5.74E+03	7.97E-06	1.02E-04	1.18E+04	1.04E+02	1.28E+00	5.73E+00	1.12E+01	1.98E+02	1.28E+04	5.63E+02	6.75E-05	6.01E-05	2.40E+00	1.07E-01	3.43E+02	6.16E+02	1.34E+04	2.26E-01	1.34E+04	1.43E+04	9.59E+02	0.00E+00	0.00E+00	0.00E+00	4.80E+02
HF4W432FSAI-MTS	9.78E+00	4.22E+02	-1.94E+01	4.41E+02	2.48E-03	0.00E+00	1.20E+04	3.02E-02	6.00E-01	6.61E+00	9.45E-01	5.74E+03	7.97E-06	1.02E-04	1.18E+04	1.04E+02	1.28E+00	5.73E+00	1.12E+01	1.98E+02	1.27E+04	5.64E+02	6.75E-05	6.00E-05	2.40E+00	1.07E-01	3.34E+02	6.16E+02	1.33E+04	2.26E-01	1.33E+04	1.43E+04	9.51E+02	0.00E+00	0.00E+00	0.00E+00	4.80E+02
HF4W440FSAI-MTS	9.78E+00	4.22E+02	-1.94E+01	4.41E+02	2.48E-03	0.00E+00	1.20E+04	3.02E-02	6.00E-01	6.61E+00	9.45E-01	5.74E+03	7.97E-06	1.02E-04	1.18E+04	1.04E+02	1.28E+00	5.73E+00	1.12E+01	1.98E+02	1.27E+04	5.64E+02	6.75E-05	6.00E-05	2.40E+00	1.07E-01	3.34E+02	6.16E+02	1.33E+04	2.26E-01	1.33E+04	1.43E+04	9.51E+02	0.00E+00	0.00E+00	0.00E+00	4.80E+02
HF4S432FCJI-MTS	1.01E+01	5.00E+02	-2.60E+01	5.26E+02	2.78E-03	0.00E+00	2.69E+04	6.08E-02	8.51E-01	9.39E+00	9.33E-01	5.40E+03	7.46E-06	9.95E-05	1.13E+04	1.98E+02	1.26E+00	1.75E+01	1.19E+01	2.01E+02	1.49E+04	6.05E+02	4.30E-05	6.07E-05	3.03E+00	1.17E-01	3.86E+02	6.16E+02	1.55E+04	1.70E-01	1.55E+04	1.66E+04	1.00E+03	0.00E+00	0.00E+00	8.47E-06	5.13E+02
HF4S440FCKI-MTS	1.01E+01	5.00E+02	-2.60E+01	5.26E+02	2.78E-03	0.00E+00	2.69E+04	6.08E-02	8.51E-01	9.39E+00	9.33E-01	5.40E+03	7.46E-06	9.95E-05	1.13E+04	1.98E+02	1.26E+00	1.75E+01	1.19E+01	2.01E+02	1.49E+04	6.05E+02	4.30E-05	6.07E-05	3.03E+00	1.17E-01	3.86E+02	6.16E+02	1.55E+04	1.70E-01	1.55E+04	1.66E+04	1.00E+03	0.00E+00	0.00E+00	8.47E-06	5.13E+02
HW4P432FB	6.58E+00	4.25E+02	-3.03E+01	4.55E+02	2.56E-03	0.00E+00	2.52E+04	3.15E-02	7.47E-01	8.20E+00	7.99E-01	2.92E+03	6.90E-06	5.36E-05	5.89E+03	1.09E+02	1.08E+00	1.28E+01	7.53E+00	1.93E+02	1.38E+04	5.95E+02	2.71E-05	3.96E-05	2.50E+00	1.11E-01	2.85E+02	6.02E+02	1.43E+04	1.33E-01	1.43E+04	1.52E+04	8.87E+02	0.00E+00	0.00E+00	8.17E-02	3.23E+02
HW4P432FE	6.59E+00	4.26E+02	-3.02E+01	4.57E+02	2.84E-03	0.00E+00	2.55E+04	3.15E-02	7.49E-01	8.22E+00	8.01E-01	2.92E+03	6.90E-06	5.36E-05	5.90E+03	1.10E+02	1.08E+00	1.28E+01	7.56E+00	1.93E+02	1.38E+04	6.02E+02	2.72E-05	3.97E-05	2.50E+00	1.11E-01	2.86E+02	6.02E+02	1.44E+04	1.33E-01	1.44E+04	1.53E+04	8.89E+02	0.00E+00	0.00E+00	8.18E-02	3.25E+02
HW4P440DB	1.47E+01	7.51E+02	-1.79E+01	7.69E+02	4.30E-03	0.00E+00	2.89E+04	9.03E-02	1.14E+00	1.26E+01	1.30E+00	7.90E+03	1.29E-05	1.47E-04	1.68E+04	2.98E+02	1.77E+00	2.77E+01	1.74E+01	3.18E+02	2.33E+04	8.90E+02	5.93E-05	8.93E-05	4.17E+00	1.86E-01	5.80E+02	6.52E+02	2.42E+04	2.18E-01	2.42E+04	2.54E+04	1.23E+03	0.00E+00	0.00E+00	8.17E-02	7.48E+02
HW4P440DE	1.47E+01	7.52E+02	-1.78E+01	7.70E+02	4.58E-03	0.00E+00	2.92E+04	9.03E-02	1.14E+00	1.27E+01	1.31E+00	7.90E+03	1.29E-05	1.47E-04	1.68E+04	2.99E+02	1.77E+00	2.77E+01	1.75E+01	3.18E+02	2.33E+04	8.97E+02	5.94E-05	8.94E-05	4.17E+00	1.87E-01	5.81E+02	6.52E+02	2.42E+04	2.18E-01	2.42E+04	2.54E+04	1.23E+03	0.00E+00	0.00E+00	8.18E-02	7.49E+02
HW4P440FB	6.58E+00	4.25E+02	-3.03E+01	4.55E+02	2.56E-03	0.00E+00	2.52E+04	3.15E-02	7.47E-01	8.20E+00	7.99E-01	2.92E+03	6.90E-06	5.36E-05	5.89E+03	1.09E+02	1.08E+00	1.28E+01	7.53E+00	1.93E+02	1.38E+04	5.95E+02	2.71E-05	3.96E-05	2.50E+00	1.11E-01	2.86E+02	6.02E+02	1.44E+04	1.33E-01	1.44E+04	1.52E+04	8.88E+02	0.00E+00	0.00E+00	8.17E-02	3.23E+02
HW4P440FE	6.59E+00	4.26E+02	-3.02E+01	4.57E+02	2.84E-03	0.00E+00	2.55E+04	3.15E-02	7.49E-01	8.22E+00	8.01E-01	2.92E+03	6.90E-06	5.36E-05	5.90E+03	1.10E+02	1.08E+00	1.28E+01	7.56E+00	1.93E+02	1.38E+04	6.02E+02	2.72E-05	3.97E-05	2.50E+00	1.11E-01	2.86E+02	6.02E+02	1.44E+04	1.33E-01	1.44E+04	1.53E+04	8.89E+02	0.00E+00	0.00E+00	8.18E-02	3.25E+02
HW4S310DB	1.07E+01	5.78E+02	-1.30E+01	5.91E+02	3.67E-03	0.00E+00	1.75E+04	1.20E-03	8.87E-01	9.70E+00	1.11E+00	5.77E+03	1.21E-05	1.02E-04	1.21E+04	2.33E+01	1.50E+00	1.40E+00	1.15E+01	2.67E+02	1.75E+04	6.97E+02	6.92E-05	6.56E-05	3.23E+00	1.44E-01	3.72E+02	6.33E+02	1.82E+04	1.79E-01	1.82E+04	1.92E+04	1.00E+03	0.00E+00	0.00E+00	0.00E+00	4.95E+02
HW4S310DE	1.07E+01	5.83E+02	-1.28E+01	5.96E+02	4.28E-03	0.00E+00	1.82E+04	1.19E-03	9.00E-01	9.85E+00	1.11E+00	5.77E+03	1.21E-05	1.02E-04	1.21E+04	2.49E+01	1.50E+00	1.38E+00	1.16E+01	2.70E+02	1.77E+04	7.12E+02	6.93E-05	6.60E-05	3.27E+00	1.46E-01	3.87E+02	6.33E+02	1.84E+04	1.79E-01	1.84E+04	1.94E+04	1.02E+03	0.00E+00	0.00E+00	5.12E-05	4.96E+02
HW4S310FB	5.02E+00	3.27E+02	-2.77E+01	3.55E+02	2.16E-03	0.00E+00	1.53E+04	9.59E-04	5.92E-01	6.45E+00	6.87E-01	2.27E+03	6.64E-06	3.88E-05	4.43E+03	1.39E+01	9.30E-01	9.07E-01	5.28E+00	1.57E+02	1.01E+04	4.65E+02	2.15E-05	3.05E-05	1.96E+00	8.29E-02	1.92E+02	5.91E+02	1.06E+04	1.22E-01	1.06E+04	1.14E+04	7.83E+02	0.00E+00	0.00E+00	0.00E+00	2.27E+02
HW4S310FE	5.06E+00	3.27E+02	-2.77E+01	3.55E+02	2.44E-03	0.00E+00	1.55E+04	1.01E-03	5.92E-01	6.46E+00	6.89E-01	2.27E+03	6.64E-06	3.89E-05	4.46E+03	1.47E+01	9.33E-01	9.11E-01	5.32E+00	1.58E+02	1.02E+04	4.72E+02	2.16E-05	3.07E-05	1.96E+00	8.33E-02	2.06E+02	5.91E+02	1.07E+04	1.22E-01	1.07E+04	1.15E+04	7.97E+02	0.00E+00	0.00E+00	6.16E-02	2.28E+02
HW4W416FS	6.24E+00	3.57E+02	-2.37E+01	3.81E+02	2.37E-03	0.00E+00	1.03E+04	8.73E-04	4.92E-01	5.36E+00	8.12E-01	3.31E+03	7.42E-06	5.58E-05	6.42E+03	1.54E+01	1.10E+00	1.01E+00	6.92E+00	1.92E+02	1.17E+04	5.58E+02	5.36E-05	3.91E-05	1.86E+00	1.02E-01	2.36E+02	6.03E+02	1.22E+04	1.91E-01	1.22E+04	1.31E+04	8.39E+02	0.00E+00	0.00E+00	8.40E-04	2.97E+02
HW4W420DS	1.36E+01	6.59E+02	-5.50E+00	6.65E+02	4.44E-03	0.00E+00	1.30E+04	1.10E-03	8.55E-01	9.38E+00	1.27E+00	7.95E+03	1.43E-05	1.39E-04	1.67E+04	2.83E+01	1.72E+00	1.54E+00	1.50E+01	3.25E+02	1.95E+04	8.58E+02	5.79E-05	8.47E-05	3.33E+00	1.74E-01	4.73E+02	6.49E+02	2.03E+04	2.44E-01	2.03E+04	2.15E+04	1.12E+03	0.00E+00	0.00E+00	0.00E+00	6.44E+02
HW4P340FB	5.16E+00	3.38E+02	-3.26E+01	3.70E+02	2.17E-03	0.00E+00	2.21E+04	2.38E-02	6.05E-01	6.63E+00	6.87E-01	2.21E+03	6.27E-06	4.08E-05	4.46E+03	8.38E+01	9.31E-01	1.04E+01	5.90E+00	1.60E+02	1.14E+04	4.71E+02	2.14E-05	3.12E-05	2.01E+00	9.14E-02	2.30E+02	5.91E+02	1.19E+04	1.00E-01	1.19E+04	1.27E+04	8.21E+02	0.00E+00	0.00E+00	6.15E-02	2.53E+02
HW4P340FE	5.18E+00	3.39E+02	-3.25E+01	3.72E+02	2.45E-03	0.00E+00	2.23E+04	2.38E-02	6.07E-01	6.65E+00	6.89E-01	2.21E+03	6.27E-06	4.09E-05	4.47E+03	8.46E+01	9.33E-01	1.04E+01	5.93E+00	1.61E+02	1.14E+04	4.78E+02	2.15E-05	3.13E-05	2.02E+00	9.18E-02	2.31E+02	5.91E+02	1.19E+04	1.01E-01	1.19E+04	1.27E+04	8.22E+02	0.00E+00	0.00E+00	6.16E-02	2.55E+02
HW4W420FS	6.24E+00	3.57E+02	-2.37E+01	3.81E+02	2.37E-03	0.00E+00	1.03E+04	8.69E-04	4.91E-01	5.36E+00	8.12E-01	3.31E+03	7.42E-06	5.58E-05	6.42E+03	1.54E+01	1.10E+00	1.01E+00	6.92E+00	1.92E+02	1.17E+04	5.58E+02	5.36E-05	3.90E-05	1.86E+00	1.02E-01	2.34E+02	6.03E+02	1.22E+04	1.91E-01	1.22E+04	1.30E+04	8.37E+02	0.00E+00	0.00E+00	8.40E-04	2.97E+02

HW4W425DS	1.36E+01	6.59E+02	-5.50E+00	6.65E+02	4.44E-03	0.00E+00	1.30E+04	1.10E-03	8.55E-01	9.38E+00	1.27E+00	7.95E+03	1.43E-05	1.39E-04	1.67E+04	2.83E+01	1.72E+00	1.54E+00	1.50E+01	3.25E+02	1.95E+04	8.58E+02	5.79E-05	8.47E-05	3.33E+00	1.74E-01	4.73E+02	6.49E+02	2.03E+04	2.44E-01	2.03E+04	2.15E+04	1.12E+03	0.00E+00	0.00E+00	0.00E+00	6.44E+02
HW4W425FS	6.25E+00	3.58E+02	-2.37E+01	3.81E+02	2.37E-03	0.00E+00	1.08E+04	8.33E-04	4.92E-01	5.36E+00	8.13E-01	3.31E+03	7.42E-06	5.59E-05	6.42E+03	1.53E+01	1.10E+00	9.99E-01	6.92E+00	1.92E+02	1.17E+04	5.59E+02	5.36E-05	3.90E-05	1.86E+00	1.02E-01	2.34E+02	6.03E+02	1.22E+04	1.91E-01	1.22E+04	1.31E+04	8.37E+02	0.00E+00	0.00E+00	0.00E+00	2.97E+02
HW4W432DS	1.36E+01	6.68E+02	-4.80E+00	6.73E+02	4.44E-03	0.00E+00	1.30E+04	1.11E-03	8.60E-01	9.43E+00	1.27E+00	7.95E+03	1.43E-05	1.39E-04	1.67E+04	3.06E+01	1.72E+00	1.54E+00	1.51E+01	3.54E+02	1.96E+04	8.58E+02	5.82E-05	8.51E-05	3.35E+00	1.94E-01	4.93E+02	6.49E+02	2.05E+04	2.44E-01	2.05E+04	2.16E+04	1.14E+03	0.00E+00	0.00E+00	0.00E+00	6.47E+02
HW4W432FS	6.27E+00	3.65E+02	-2.32E+01	3.88E+02	2.75E-03	0.00E+00	1.08E+04	8.48E-04	4.96E-01	5.40E+00	8.13E-01	3.31E+03	7.42E-06	5.59E-05	6.42E+03	1.79E+01	1.10E+00	9.99E-01	6.97E+00	2.13E+02	1.18E+04	5.67E+02	5.38E-05	3.94E-05	1.88E+00	1.15E-01	2.49E+02	6.03E+02	1.23E+04	1.91E-01	1.23E+04	1.32E+04	8.52E+02	0.00E+00	0.00E+00	0.00E+00	2.99E+02
HW4W440DS	1.36E+01	6.68E+02	-4.80E+00	6.73E+02	4.44E-03	0.00E+00	1.30E+04	1.11E-03	8.60E-01	9.44E+00	1.27E+00	7.95E+03	1.43E-05	1.39E-04	1.67E+04	3.06E+01	1.72E+00	1.54E+00	1.51E+01	3.54E+02	1.96E+04	8.58E+02	5.82E-05	8.52E-05	3.35E+00	1.94E-01	4.95E+02	6.49E+02	2.05E+04	2.44E-01	2.05E+04	2.16E+04	1.14E+03	0.00E+00	0.00E+00	0.00E+00	6.47E+02
HW4W440FS	6.27E+00	3.65E+02	-2.32E+01	3.88E+02	2.75E-03	0.00E+00	1.08E+04	8.52E-04	4.96E-01	5.40E+00	8.13E-01	3.31E+03	7.42E-06	5.59E-05	6.43E+03	1.79E+01	1.10E+00	9.99E-01	6.97E+00	2.13E+02	1.18E+04	5.67E+02	5.38E-05	3.94E-05	1.88E+00	1.15E-01	2.51E+02	6.03E+02	1.24E+04	1.91E-01	1.24E+04	1.32E+04	8.54E+02	0.00E+00	0.00E+00	0.00E+00	2.99E+02
HW4P410DB	1.42E+01	7.21E+02	-5.09E+00	7.26E+02	4.23E-03	0.00E+00	2.07E+04	1.51E-03	1.09E+00	1.20E+01	1.30E+00	7.99E+03	1.47E-05	1.40E-04	1.68E+04	2.83E+01	1.77E+00	1.64E+00	1.54E+01	3.29E+02	2.06E+04	8.81E+02	5.87E-05	8.74E-05	3.99E+00	1.77E-01	5.04E+02	6.52E+02	2.15E+04	2.45E-01	2.15E+04	2.26E+04	1.16E+03	0.00E+00	0.00E+00	8.17E-02	6.61E+02
HW4P410DE	1.42E+01	7.23E+02	-5.03E+00	7.28E+02	4.51E-03	0.00E+00	2.10E+04	1.55E-03	1.10E+00	1.20E+01	1.31E+00	7.99E+03	1.47E-05	1.40E-04	1.68E+04	2.91E+01	1.77E+00	1.64E+00	1.54E+01	3.30E+02	2.06E+04	8.89E+02	5.88E-05	8.75E-05	3.99E+00	1.77E-01	5.04E+02	6.52E+02	2.15E+04	2.45E-01	2.15E+04	2.27E+04	1.16E+03	0.00E+00	0.00E+00	8.18E-02	6.62E+02
HW4P410FB	6.41E+00	4.11E+02	-2.42E+01	4.35E+02	2.54E-03	0.00E+00	1.82E+04	1.16E-03	7.25E-01	7.90E+00	8.00E-01	2.99E+03	7.38E-06	5.11E-05	5.85E+03	1.69E+01	1.08E+00	1.05E+00	6.74E+00	1.96E+02	1.22E+04	5.89E+02	2.72E-05	3.87E-05	2.41E+00	1.05E-01	2.42E+02	6.02E+02	1.28E+04	1.62E-01	1.28E+04	1.37E+04	8.45E+02	0.00E+00	0.00E+00	0.00E+00	2.89E+02
HW4P410FE	6.49E+00	4.17E+02	-2.40E+01	4.41E+02	3.19E-03	0.00E+00	1.89E+04	1.17E-03	7.42E-01	8.09E+00	8.02E-01	2.99E+03	7.39E-06	5.12E-05	5.88E+03	1.86E+01	1.09E+00	1.04E+00	6.78E+00	1.99E+02	1.24E+04	6.04E+02	2.74E-05	3.93E-05	2.46E+00	1.06E-01	2.61E+02	6.02E+02	1.30E+04	1.62E-01	1.30E+04	1.39E+04	8.64E+02	0.00E+00	0.00E+00	5.12E-05	2.91E+02
HW4P412DB	1.42E+01	7.21E+02	-5.09E+00	7.26E+02	4.23E-03	0.00E+00	2.07E+04	1.51E-03	1.09E+00	1.20E+01	1.30E+00	7.99E+03	1.47E-05	1.40E-04	1.68E+04	2.83E+01	1.77E+00	1.64E+00	1.54E+01	3.29E+02	2.06E+04	8.81E+02	5.87E-05	8.74E-05	3.99E+00	1.77E-01	5.04E+02	6.52E+02	2.15E+04	2.45E-01	2.15E+04	2.26E+04	1.16E+03	0.00E+00	0.00E+00	8.17E-02	6.61E+02
HW4P412DE	1.42E+01	7.23E+02	-5.03E+00	7.28E+02	4.51E-03	0.00E+00	2.10E+04	1.55E-03	1.10E+00	1.20E+01	1.31E+00	7.99E+03	1.47E-05	1.40E-04	1.68E+04	2.91E+01	1.77E+00	1.64E+00	1.54E+01	3.30E+02	2.06E+04	8.89E+02	5.88E-05	8.75E-05	3.99E+00	1.77E-01	5.04E+02	6.52E+02	2.15E+04	2.45E-01	2.15E+04	2.27E+04	1.16E+03	0.00E+00	0.00E+00	8.18E-02	6.62E+02
HW4P412FB	6.41E+00	4.11E+02	-2.42E+01	4.35E+02	2.54E-03	0.00E+00	1.82E+04	1.16E-03	7.25E-01	7.90E+00	8.00E-01	2.99E+03	7.38E-06	5.11E-05	5.85E+03	1.69E+01	1.08E+00	1.05E+00	6.74E+00	1.96E+02	1.22E+04	5.89E+02	2.72E-05	3.87E-05	2.41E+00	1.05E-01	2.42E+02	6.02E+02	1.28E+04	1.62E-01	1.28E+04	1.37E+04	8.45E+02	0.00E+00	0.00E+00	0.00E+00	2.89E+02
HW4P412FE	6.49E+00	4.17E+02	-2.40E+01	4.41E+02	3.19E-03	0.00E+00	1.89E+04	1.17E-03	7.42E-01	8.09E+00	8.02E-01	2.99E+03	7.39E-06	5.12E-05	5.88E+03	1.86E+01	1.09E+00	1.04E+00	6.78E+00	1.99E+02	1.24E+04	6.04E+02	2.74E-05	3.93E-05	2.46E+00	1.06E-01	2.61E+02	6.02E+02	1.30E+04	1.62E-01	1.30E+04	1.39E+04	8.64E+02	0.00E+00	0.00E+00	5.12E-05	2.91E+02
HW4P416DB	1.42E+01	7.21E+02	-5.09E+00	7.26E+02	4.23E-03	0.00E+00	2.07E+04	1.51E-03	1.09E+00	1.20E+01	1.30E+00	7.99E+03	1.47E-05	1.40E-04	1.68E+04	2.83E+01	1.77E+00	1.64E+00	1.54E+01	3.29E+02	2.06E+04	8.81E+02	5.87E-05	8.74E-05	3.99E+00	1.77E-01	5.04E+02	6.52E+02	2.15E+04	2.45E-01	2.15E+04	2.26E+04	1.16E+03	0.00E+00	0.00E+00	8.17E-02	6.61E+02
HW4P416DE	1.42E+01	7.23E+02	-5.03E+00	7.28E+02	4.51E-03	0.00E+00	2.10E+04	1.55E-03	1.10E+00	1.20E+01	1.31E+00	7.99E+03	1.47E-05	1.40E-04	1.68E+04	2.91E+01	1.77E+00	1.64E+00	1.54E+01	3.30E+02	2.06E+04	8.89E+02	5.88E-05	8.75E-05	3.99E+00	1.77E-01	5.04E+02	6.52E+02	2.15E+04	2.45E-01	2.15E+04	2.27E+04	1.16E+03	0.00E+00	0.00E+00	8.18E-02	6.62E+02
HW4P416FB	6.41E+00	4.11E+02	-2.42E+01	4.35E+02	2.54E-03	0.00E+00	1.82E+04	1.16E-03	7.25E-01	7.90E+00	8.00E-01	2.99E+03	7.38E-06	5.11E-05	5.85E+03	1.69E+01	1.08E+00	1.05E+00	6.74E+00	1.96E+02	1.22E+04	5.89E+02	2.72E-05	3.87E-05	2.41E+00	1.05E-01	2.42E+02	6.02E+02	1.28E+04	1.62E-01	1.28E+04	1.37E+04	8.45E+02	0.00E+00	0.00E+00	0.00E+00	2.89E+02
HW4P416FE	6.49E+00	4.17E+02	-2.40E+01	4.41E+02	3.19E-03	0.00E+00	1.89E+04	1.17E-03	7.42E-01	8.09E+00	8.02E-01	2.99E+03	7.39E-06	5.12E-05	5.88E+03	1.86E+01	1.09E+00	1.04E+00	6.78E+00	1.99E+02	1.24E+04	6.04E+02	2.74E-05	3.93E-05	2.46E+00	1.06E-01	2.61E+02	6.02E+02	1.30E+04	1.62E-01	1.30E+04	1.39E+04	8.64E+02	0.00E+00	0.00E+00	5.12E-05	2.91E+02
HW4P420DB	1.42E+01	7.21E+02	-5.09E+00	7.26E+02	4.23E-03	0.00E+00	2.07E+04	1.51E-03	1.09E+00	1.20E+01	1.30E+00	7.99E+03	1.47E-05	1.40E-04	1.68E+04	2.83E+01	1.77E+00	1.64E+00	1.54E+01	3.29E+02	2.06E+04	8.81E+02	5.87E-05	8.74E-05	3.99E+00	1.77E-01	5.04E+02	6.52E+02	2.15E+04	2.45E-01	2.15E+04	2.26E+04	1.16E+03	0.00E+00	0.00E+00	8.17E-02	6.61E+02
HW4P420DE	1.42E+01	7.23E+02	-5.03E+00	7.28E+02	4.51E-03	0.00E+00	2.10E+04	1.55E-03	1.10E+00	1.20E+01	1.31E+00	7.99E+03	1.47E-05	1.40E-04	1.68E+04	2.91E+01	1.77E+00	1.64E+00	1.54E+01	3.30E+02	2.06E+04	8.89E+02	5.88E-05	8.75E-05	3.99E+00	1.77E-01	5.04E+02	6.52E+02	2.15E+04	2.45E-01	2.15E+04	2.27E+04	1.16E+03	0.00E+00	0.00E+00	8.18E-02	6.62E+02
HW4P420FB	6.41E+00	4.11E+02	-2.42E+01	4.35E+02	2.54E-03	0.00E+00	1.82E+04	1.16E-03	7.25E-01	7.90E+00	8.00E-01	2.99E+03	7.38E-06	5.11E-05	5.85E+03	1.69E+01	1.08E+00	1.05E+00	6.74E+00	1.96E+02	1.22E+04	5.89E+02	2.72E-05	3.87E-05	2.41E+00	1.05E-01	2.42E+02	6.02E+02	1.28E+04	1.62E-01	1.28E+04	1.37E+04	8.45E+02	0.00E+00	0.00E+00	0.00E+00	2.89E+02
HW4P420FE	6.49E+00	4.17E+02	-2.40E+01	4.41E+02	3.19E-03	0.00E+00	1.89E+04	1.17E-03	7.42E-01	8.09E+00	8.02E-01	2.99E+03	7.39E-06	5.12E-05	5.88E+03	1.86E+01	1.09E+00	1.04E+00	6.78E+00	1.99E+02	1.24E+04	6.04E+02	2.74E-05	3.93E-05	2.46E+00	1.06E-01	2.61E+02	6.02E+02	1.30E+04	1.62E-01	1.30E+04	1.39E+04	8.64E+02	0.00E+00	0.00E+00	5.12E-05	2.91E+02
HW4P425DB	1.42E+01	7.21E+02	-5.09E+00	7.26E+02	4.23E-03	0.00E+00	2.07E+04	1.51E-03	1.09E+00	1.20E+01	1.30E+00	7.99E+03	1.47E-05	1.40E-04	1.68E+04	2.83E+01	1.77E+00	1.64E+00	1.54E+01	3.29E+02	2.06E+04	8.81E+02	5.87E-05	8.74E-05	3.99E+00	1.77E-01	5.03E+02	6.52E+02	2.15E+04	2.45E-01	2.15E+04	2.26E+04	1.15E+03	0.00E+00	0.00E+00	8.17E-02	6.61E+02
HW4P425FB	6.41E+00	4.11E+02	-2.42E+01	4.35E+02	2.54E-03	0.00E+00	1.82E+04	1.16E-03	7.25E-01	7.90E+00	8.00E-01	2.99E+03	7.38E-06	5.11E-05	5.85E+03	1.69E+01	1.08E+00	1.05E+00	6.74E+00	1.96E+02	1.22E+04	5.89E+02	2.72E-05	3.87E-05	2.41E+00	1.05E-01	2.42E+02	6.02E+02	1.28E+04	1.62E-01	1.28E+04	1.37E+04	8.45E+02	0.00E+00	0.00E+00	0.00E+00	2.89E+02
HW4P425FE	6.49E+00	4.17E+02	-2.40E+01	4.41E+02	3.19E-03	0.00E+00	1.89E+04	1.17E-03	7.42E-01	8.09E+00	8.02E-01	2.99E+03	7.39E-06	5.12E-05	5.88E+03	1.86E+01	1.09E+00	1.04E+00	6.78E+00	1.99E+02	1.24E+04	6.04E+02	2.74E-05	3.93E-05	2.46E+00	1.06E-01	2.61E+02	6.02E+02	1.30E+04	1.62E-01	1.30E+04	1.39E+04	8.64E+02	0.00E+00	0.00E+00	5.12E-05	2.91E+02
HW4P310FE	5.06E+00	3.29E+02	-2.76E+01	3.56E+02	2.77E-03	0.00E+00	1.59E+04	9.44E-04	5.93E-01	6.46E+00	6.89E-01	2.27E+03	6.64E-06	3.89E-05	4.46E+03	1.55E+01	9.33E-01	8.95E-01	5.32E+00	1.60E+02	1.02E+04	4.80E+02	2.16E-05	3.07E-05	1.96E+00	8.42E-02	2.08E+02	5.91E+02	1.07E+04	1.22E-01	1.07E+04	1.15E+04	7.99E+02	0.00E+00	0.00E+00	5.12E-05	2.29E+02
HW4P312DB	1.07E+01	5.78E+02	-1.30E+01	5.91E+02	3.67E-03	0.00E+00	1.75E+04	1.20E-03	8.87E-01	9.70E+00	1.11E+00	5.77E+03	1.21E-05	1.02E-04	1.21E+04	2.33E+01	1.50E+00	1.40E+00	1.15E+01	2.67E+02	1.75E+04	6.97E+02	6.92E-05	6.56E-05	3.23E+00	1.44E-01	3.72E+02	6.33E+02	1.82E+04	1.79E-01	1.82E+04	1.92E+04	1.00E+03	0.00E+00	0.00E+00	0.00E+00	4.95E+02
HW4P312DE	1.07E+01	5.83E+02	-1.28E+01	5.96E+02	4.28E-03	0.00E+00	1.82E+04	1.19E-03	9.00E-01	9.85E+00	1.11E+00	5.77E+03	1.21E-05	1.02E-04	1.21E+04	2.49E+01	1.50E+00	1.38E+00	1.16E+01	2.70E+02	1.77E+04	7.12E+02	6.93E-05	6.60E-05	3.27E+00	1.46E-01	3.87E+02	6.33E+02	1.84E+04	1.79E-01	1.84E+04	1.94E+04	1.02E+03	0.00E+00	0.00E+00	5.12E-05	4.96E+02
HW4P312FB	5.02E+00	3.27E+02	-2.77E+01	3.55E+02	2.16E-03	0.00E+00	1.53E+04	9.59E-04	5.92E-01	6.45E+00	6.87E-01	2.27E+03	6.64E-06	3.88E-05	4.43E+03	1.39E+01	9.30E-01	9.07E-01	5.28E+00	1.57E+02	1.01E+04	4.65E+02	2.15E-05	3.05E-05	1.96E+00	8.29E-02	1.92E+02	5.91E+02	1.06E+04	1.22E-01	1.06E+04	1.14E+04	7.83E+02	0.00E+00	0.00E+00	0.00E+00	2.27E+02
HW4P312FE	5.06E+00	3.29E+02	-2.76E+01	3.56E+02	2.77E-03	0.00E+00	1.59E+04	9.44E-04	5.93E-01	6.46E+00	6.89E-01	2.27E+03	6.64E-06	3.89E-05	4.46E+03	1.55E+01	9.33E-01	8.95E-01	5.32E+00	1.60E+02	1.02E+04	4.80E+02	2.16E-05	3.07E-05	1.96E+00	8.42E-02	2.08E+02	5.91E+02	1.07E+04	1.22E-01	1.07E+04	1.15E+04	7.99E+02	0.00E+00	0.00E+00	5.12E-05	2.29E+02
HW4P316DB	1.07E+01	5.78E+02	-1.30E+01	5.91E+02	3.67E-03	0.00E+00	1.75E+04	1.20E-03	8.87E-01	9.70E+00	1.11E+00	5.77E+03	1.21E-05	1.02E-04	1.21E+04	2.33E+01	1.50E+00	1.40E+00	1.15E+01	2.67E+02	1.75E+04	6.97E+02	6.92E-05	6.56E-05	3.23E+00	1.44E-01	3.72E+02	6.33E+02	1.82E+04	1.79E-01	1.82E+04	1.92E+04	1.00E+03	0.00E+00	0.00E+00	0.00E+00	4.95E+02
HW4P316DE	1.07E+01	5.83E+02	-1.28E+01	5.96E+02	4.28E-03	0.00E+00	1.82E+04	1.19E-03	9.00E-01	9.85E+00	1.11E+00	5.77E+03	1.21E-05	1.02E-04	1.21E+04	2.49E+01	1.50E+00	1.38E+00	1.16E+01	2.70E+02	1.77E+04	7.12E+02	6.93E-05	6.60E-05	3.27E+00	1.46E-01	3.87E+02	6.33E+02	1.84E+04	1.79E-01	1.84E+04	1.94E+04	1.02E+03	0.00E+00	0.00E+00	5.12E-05	4.96E+02
HW4P316FB	5.02E+00	3.27E+02	-2.77E+01	3.55E+02	2.16E-03	0.00E+00	1.53E+04	9.59E-04	5.92E-01	6.45E+00	6.87E-01	2.27E+03	6.64E-06	3.88E-05	4.43E+03	1.39E+01	9.30E-01	9.07E-01	5.28E+00	1.57E+02	1.01E+04	4.65E+02	2.15E-05	3.05E-05	1.96E+00	8.29E-02	1.92E+02	5.91E+02	1.06E+04	1.22E-01	1.06E+04	1.14E+04	7.83E+02	0.00E+00	0.00E+00	0.00E+00	2.27E+02
HW4P316FE	5.06E+00	3.29E+02	-2.76E+01	3.56E+02	2.77E-03	0.00E+00	1.59E+04	9.44E-04	5.93E-01	6.46E+00	6.89E-01	2.27E+03	6.64E-06	3.89E-05	4.46E+03	1.55E+01	9.33E-01	8.95E-01	5.32E+00	1.60E+02	1.02E+04	4.80E+02	2.16E-05	3.07E-05	1.96E+00	8.42E-02	2.08E+02	5.91E+02	1.07E+04	1.22E-01	1.07E+04	1.15E+04	7.99E+02	0.00E+00	0.00E+00	5.12E-05	2.29E+02
HW4P320DB	1.07E+01	5.78E+02	-1.30E+01	5.91E+02	3.67E-03	0.00E+00	1.75E+04	1.20E-03	8.87E-01	9.70E+00	1.11E+00	5.77E+03	1.21E-05	1.02E-04	1.21E+04	2.33E+01	1.50E+00	1.40E+00	1.15E+01	2.67E+02	1.75E+04	6.97E+02	6.92E-05	6.56E-05	3.23E+00	1.44E-01	3.72E+02	6.33E+02	1.82E+04	1.79E-01	1.82E+04	1.92E+04	1.00E+03	0.00E+00	0.00E+00	0.00E+00	4.95E+02
HW4P320DE	1.07E+01	5.83E+02	-1.28E+01	5.96E+02	4.28E-03	0.00E+00	1.82E+04	1.19E-03	9.00E-01	9.85E+00	1.11E+00	5.77E+03	1.21E-05	1.02E-04	1.21E+04	2.49E+01	1.50E+00	1.38E+00	1.16E+01	2.70E+02	1.77E+04	7.12E+02	6.93E-05	6.60E-05	3.27E+00	1.46E-01	3.87E+02	6.33E+02	1.84E+04	1.79E-01	1.84E+04	1.94E+04	1.02E+03	0.00E+00	0.00E+00	5.12E-05	4.96E+02
HW4P320FB	5.02E+00	3.27E+02	-2.77E+01	3.55E+02	2.16E-03	0.00E+00	1.53E+04	9.59E-04	5.92E-01	6.45E+00	6.87E-01	2.27E+03	6.64E-06	3.88E-05	4.43E+03	1.39E+01	9.30E-01	9.07E-01	5.28E+00	1.57E+02	1.01E+04	4.65E+02	2.15E-05	3.05E-05	1.96E+00	8.29E-02	1.92E+02	5.91E+02	1.06E+04	1.22E-01	1.06E+04	1.14E+04	7.83E+02	0.00E+00	0.00E+00	0.00E+00	2.27E+02
HW4P320FE	5.06E+00	3.29E+02	-2.76E+01	3.56E+02	2.77E-03	0.00E+00	1.59E+04	9.44E-04	5.93E-01	6.46E+00	6.89E-01	2.27E+03	6.64E-06	3.89E-05	4.46E+03	1.55E+01	9.33E-01	8.95E-01	5.32E+00	1.60E+02	1.02E+04	4.80E+02	2.16E-05	3.07E-05	1.96E+00	8.42E-02	2.08E+02	5.91E+02	1.07E+04	1.22E-01	1.07E+04	1.15E+04	7.99E+02	0.00E+00	0.00E+00	5.12E-05	2.29E+02
HW4S432FE	6.59E+00	4.26E+02	-3.02E+01	4.57E+02	2.84E-03	0.00E+00	2.55E+04	3.15E-02	7.49E-01	8.22E+00	8.01E-01	2.92E+03	6.90E-06	5.36E-05	5.90E+03	1.10E+02	1.08E+00	1.28E+01	7.56E+00	1.93E+02	1.38E+04	6.02E+02	2.72E-05	3.97E-05	2.50E+00	1.11E-01	2.86E+02	6.02E+02	1.44E+04	1.33E-01	1.44E+04	1.53E+04	8.89E+02	0.00E+00	0.00E+00	8.18E-02	3.25E+02
HW4S440DB	1.47E+01	7.51E+02	-1.79E+01	7.69E+02	4.30E-03	0.00E+00	2.89E+04	9.03E-02	1.14E+00	1.26E+01	1.30E+00	7.90E+03	1.29E-05	1.47E-04	1.68E+04	2.98E+02	1.77E+00	2.77E+01	1.74E+01	3.18E+02	2.33E+04	8.90E+02	5.93E-05	8.93E-05	4.17E+00	1.86E-01	5.81E+02	6.52E+02	2.42E+04	2.18E-01	2.42E+04	2.54E+04	1.23E+03	0.00E+00	0.00E+00	8.17E-02	7.48E+02
HW4S440DE	1.47E+01	7.52E+02	-1.78E+01	7.70E+02	4.58E-03	0.00E+00	2.92E+04	9.03E-02	1.14E+00	1.27E+01	1.31E+00	7.90E+03	1.29E-05	1.47E-04	1.68E+04	2.99E+02	1.77E+00	2.77E+01	1.75E+01	3.18E+02	2.33E+04	8.97E+02	5.94E-05	8.94E-05	4.17E+00	1.87E-01	5.81E+02	6.52E+02	2.42E+04	2.18E-01	2.42E+04	2.54E+04	1.23E+03	0.00E+00	0.00E+00	8.18E-02	7.49E+02
HW4S440FB	6.58E+00	4.25E+02	-3.03E+01	4.55E+02	2.56E-03	0.00E+00	2.52E+04	3.15E-02	7.47E-01	8.20E+00	7.99E-01	2.92E+03	6.90E-06	5.36E-05	5.89E+03	1.09E+02	1.08E+00	1.28E+01	7.53E+00	1.93E+02	1.38E+04	5.95E+02	2.71E-05	3.96E-05	2.50E+00	1.11E-01	2.86E+02	6.02E+02	1.44E+04	1.33E-01	1.44E+04	1.52E+04	8.88E+02	0.00E+00	0.00E+00	8.17E-02	3.23E+02
HW4S440FE	6.59E+00	4.26E+02	-3.02E+01	4.57E+02	2.84E-03	0.00E+00	2.55E+04	3.15E-02	7.49E-01	8.22E+00	8.01E-01	2.92E+03	6.90E-06	5.36E-05	5.90E+03	1.10E+02	1.08E+00	1.28E+01	7.56E+00	1.93E+02	1.38E+04	6.02E+02	2.72E-05	3.97E-05	2.50E+00	1.11E-01	2.86E+02	6.02E+02	1.44E+04	1.33E-01	1.44E+04	1.53E+04	8.89E+02	0.00E+00	0.00E+00	8.18E-02	3.25E+02
HW4W310DS	1.05E+01	5.30E+02	-1.26E+01	5.43E+02	3.72E-03	0.00E+00	1.12E+04	8.70E-04	7.02E-01	7.69E+00	1.07E+00	5.99E+03	1.17E-05	1.04E-04	1.25E+04	2.48E+01	1.45E+00	1.30E+00	1.16E+01	2.82E+02	1.63E+04	6.75E+02	4.45E-05	6.55E-05	2.69E+00	1.53E-01	3.70E+02	6.29E+02	1.70E+04	1.84E-01	1.70E+04	1.80E+04	9.99E+02	0.00E+00	0.00E+00	0.00E+00	4.96E+02
HW4W310FS	4.52E+00	2.77E+02	-2.77E+01	3.05E+02	2.21E-03	0.00E+00	9.09E+03	6.29E-04	4.05E-01	4.39E+00	6.63E-01	2.24E+03	6.23E-06	3.79E-05	4.34E+03	1.46E+01	8.97E-01	8.24E-01	5.01E+00	1.66E+02	9.24E+03	4.44E+02	2.09E-05	2.84E-05	1.44E+00	9.00E-02	1.77E+02	5.88E+02	9.68E+03	1.21E-01	9.68E+03	1.04E+04	7.65E+02	0.00E+00	0.00E+00	0.00E+00	2.15E+02
HW4W312DS	1.05E+01	5.25E+02	-1.33E+01	5.38E+02	3.40E-03	0.00E+00	1.08E+04	9.10E-04	7.00E-01	7.67E+00	1.07E+00	5.98E+03	1.17E-05	1.04E-04	1.25E+04	2.22E+01	1.45E+00	1.30E+00	1.15E+01	2.58E+02	1.63E+04	6.67E+02	4.43E-05	6.53E-05	2.68E+00	1.37E-01	3.66E+02	6.29E+02	1.70E+04	1.84E-01	1.70E+04	1.80E+04	9.94E+02	0.00E+00	0.00E+00	8.40E-04	4.94E+02
HW4W312FS	4.52E+00	2.75E+02	-2.82E+01	3.03E+02	1.89E-03	0.00E+00	8.64E+03	6.70E-04	4.04E-01	4.39E+00	6.62E-01	2.24E+03	6.22E-06	3.78E-05	4.35E+03	1.27E+01	8.96E-01	8.31E-01	4.97E+00	1.50E+02	9.27E+03	4.36E+02	2.08E-05	2.84E-05	1.44E+00	7.93E-02	1.78E+02	5.88E+02	9.70E+03	1.21E-01	9.70E+03	1.05E+04	7.66E+02	0.00E+00	0.00E+00	8.40E-04	2.14E+02
HW4W316DS	1.05E+01	5.25E+02	-1.33E+01	5.38E+02	3.40E-03	0.00E+00	1.08E+04	9.10E-04	7.00E-01	7.67E+00	1.07E+00	5.98E+03	1.17E-05	1.04E-04	1.25E+04	2.22E+01	1.45E+00	1.30E+00	1.15E+01	2.58E+02	1.63E+04	6.67E+02	4.43E-05	6.53E-05	2.68E+00	1.37E-01	3.66E+02	6.29E+02	1.70E+04	1.84E-01	1.70E+04	1.80E+04	9.94E+02	0.00E+00	0.00E+00	8.40E-04	4.94E+02
HW4W316FS	4.52E+00	2.75E+02	-2.82E+01	3.03E+02	1.89E-03	0.00E+00	8.64E+03	6.70E-04	4.04E-01	4.39E+00	6.62E-01	2.24E+03	6.22E-06	3.78E-05	4.35E+03	1.27E+01	8.96E-01	8.31E-01	4.97E+00	1.50E+02	9.27E+03	4.36E+02	2.08E-05	2.84E-05	1.44E+00	7.93E-02	1.78E+02	5.88E+02	9.70E+03	1.21E-01	9.70E+03	1.05E+04	7.66E+02	0.00E+00	0.00E+00	8.40E-04	2.14E+02
HW4W320DS	1.05E+01	5.25E+02	-1.33E+01	5.38E+02	3.40E-03	0.00E+00	1.08E+04	9.10E-04	7.00E-01	7.67E+00	1.07E+00	5.98E+03	1.17E-05	1.04E-04	1.25E+04	2.22E+01	1.45E+00	1.30E+00	1.15E+01	2.58E+02	1.63E+04	6.67E+02	4.43E-05	6.53E-05	2.68E+00	1.37E-01	3.66E+02	6.29E+02	1.70E+04	1.84E-01	1.70E+04	1.80E+04	9.94E+02	0.00E+00	0.00E+00	8.40E-04	4.94E+02
HW4W320FS	4.52E+00	2.75E+02	-2.82E+01	3.03E+02	1.89E-03	0.00E+00	8.64E+03	6.70E-04	4.04E-01	4.39E+00	6.62E-01	2.24E+03	6.22E-06	3.78E-05	4.35E+03	1.27E+01	8.96E-01	8.31E-01	4.97E+00	1.50E+02	9.27E+03	4.36E+02	2.08E-05	2.84E-05	1.44E+00	7.93E-02	1.78E+02	5.88E+02	9.70E+03	1.21E-01	9.70E+03	1.05E+04	7.66E+02	0.00E+00	0.00E+00	8.40E-04	2.14E+02
HW4P325DB	1.07E+01	5.78E+02	-1.30E+01	5.91E+02	3.67E-03	0.00E+00	1.75E+04	1.20E-03	8.87E-01	9.70E+00	1.11E+00	5.77E+03	1.21E-05	1.02E-04	1.21E+04	2.33E+01	1.50E+00	1.40E+00	1.15E+01	2.67E+02	1.75E+04	6.97E+02	6.92E-05	6.56E-05	3.23E+00	1.44E-01	3.72E+02	6.33E+02	1.82E+04	1.79E-01	1.82E+04	1.92E+04	1.00E+03	0.00E+00	0.00E+00	0.00E+00	4.95E+02
HW4P325DE	1.07E+01	5.83E+02	-1.28E+01	5.96E+02	4.28E-03	0.00E+00	1.82E+04	1.19E-03	9.00E-01	9.85E+00	1.11E+00	5.77E+03	1.21E-05	1.02E-04	1.21E+04	2.49E+01	1.50E+00	1.38E+00	1.16E+01	2.70E+02	1.77E+04	7.12E+02	6.93E-05	6.60E-05	3.27E+00	1.46E-01	3.87E+02	6.33E+02	1.84E+04	1.79E-01	1.84E+04	1.94E+04	1.02E+03	0.00E+00	0.00E+00	5.12E-05	4.96E+02
HW4P325FB	5.02E+00	3.27E+02	-2.77E+01	3.55E+02	2.16E-03	0.00E+00	1.53E+04	9.59E-04	5.92E-01	6.45E+00	6.87E-01	2.27E+03	6.64E-06	3.88E-05	4.43E+03	1.39E+01	9.30E-01	9.07E-01	5.28E+00	1.57E+02	1.01E+04	4.65E+02	2.15E-05	3.05E-05	1.96E+00	8.29E-02	1.92E+02	5.91E+02	1.06E+04	1.22E-01	1.06E+04	1.14E+04	7.83E+02	0.00E+00	0.00E+00	0.00E+00	2.27E+02
HW4P325FE	5.06E+00	3.29E+02	-2.76E+01	3.56E+02	2.77E-03	0.00E+00	1.59E+04	9.44E-04	5.93E-01	6.46E+00	6.89E-01	2.27E+03	6.64E-06	3.89E-05	4.46E+03	1.55E+01	9.33E-01	8.95E-01	5.32E+00	1.60E+02	1.02E+04	4.80E+02	2.16E-05	3.07E-05	1.96E+00	8.42E-02	2.08E+02	5.91E+02	1.07E+04	1.22E-01	1.07E+04	1.15E+04	7.99E+02	0.00E+00	0.00E+00	5.12E-05	2.29E+02
HW4P332DB	1.13E+01	6.03E+02	-2.32E+01	6.26E+02	3.71E-03	0.00E+00	2.49E+04	6.79E-02	9.19E-01	1.01E+01	1.09E+00	5.95E+03	1.08E-05	1.11E-04	1.26E+04	2.27E+02	1.48E+00	2.25E+01	1.35E+01	2.62E+02	1.96E+04	7.03E+02	4.57E-05	6.90E-05	3.33E+00	1.53E-01	4.57E+02	6.31E+02	2.03E+04	1.64E-01	2.03E+04	2.14E+04	1.09E+03	0.00E+00	0.00E+00	6.15E-02	5.78E+02
HW4P332DE	1.13E+01	6.04E+02	-2.31E+01	6.27E+02	3.99E-03	0.00E+00	2.52E+04	6.79E-02	9.20E-01	1.02E+01	1.09E+00	5.95E+03	1.08E-05	1.11E-04	1.27E+04	2.27E+02	1.48E+00	2.25E+01	1.35E+01	2.63E+02	1.96E+04	7.10E+02	4.59E-05	6.91E-05	3.33E+00	1.54E-01	4.58E+02	6.31E+02	2.03E+04	1.64E-01	2.03E+04	2.14E+04	1.09E+03	0.00E+00	0.00E+00	6.16E-02	5.79E+02
HW4P332FB	5.16E+00	3.38E+02	-3.26E+01	3.70E+02	2.17E-03	0.00E+00	2.21E+04	2.38E-02	6.05E-01	6.63E+00	6.87E-01	2.21E+03	6.27E-06	4.08E-05	4.46E+03	8.38E+01	9.31E-01	1.04E+01	5.90E+00	1.60E+02	1.14E+04	4.71E+02	2.14E-05	3.12E-05	2.01E+00	9.14E-02	2.30E+02	5.91E+02	1.19E+04	1.00E-01	1.19E+04	1.27E+04	8.21E+02	0.00E+00	0.00E+00	6.15E-02	2.53E+02
HW4P332FE	5.18E+00	3.39E+02	-3.25E+01	3.72E+02	2.45E-03	0.00E+00	2.23E+04	2.38E-02	6.07E-01	6.65E+00	6.89E-01	2.21E+03	6.27E-06	4.09E-05	4.47E+03	8.46E+01	9.33E-01	1.04E+01	5.93E+00	1.61E+02	1.14E+04	4.78E+02	2.15E-05	3.13E-05	2.02E+00	9.18E-02	2.31E+02	5.91E+02	1.19E+04	1.01E-01	1.19E+04	1.27E+04	8.22E+02	0.00E+00	0.00E+00	6.16E-02	2.55E+02
HW4P425DE	1.42E+01	7.23E+02	-5.03E+00	7.28E+02	4.51E-03	0.00E+00	2.10E+04	1.55E-03	1.10E+00	1.20E+01	1.31E+00	7.99E+03	1.47E-05	1.40E-04	1.68E+04	2.91E+01	1.77E+00	1.64E+00	1.54E+01	3.30E+02	2.06E+04	8.89E+02	5.88E-05	8.75E-05	3.99E+00	1.77E-01	5.04E+02	6.52E+02	2.15E+04	2.45E-01	2.15E+04	2.27E+04	1.16E+03	0.00E+00	0.00E+00	8.18E-02	6.62E+02
HW4P340DB	1.13E+01	6.03E+02	-2.32E+01	6.26E+02	3.71E-03	0.00E+00	2.49E+04	6.79E-02	9.19E-01	1.01E+01	1.09E+00	5.95E+03	1.08E-05	1.11E-04	1.26E+04	2.27E+02	1.48E+00	2.25E+01	1.35E+01	2.62E+02	1.96E+04	7.03E+02	4.57E-05	6.90E-05	3.33E+00	1.53E-01	4.57E+02	6.31E+02	2.03E+04	1.64E-01	2.03E+04	2.14E+04	1.09E+03	0.00E+00	0.00E+00	6.15E-02	5.78E+02
HW4P340DE	1.13E+01	6.04E+02	-2.31E+01	6.27E+02	3.99E-03	0.00E+00	2.52E+04	6.79E-02	9.20E-01	1.02E+01	1.09E+00	5.95E+03	1.08E-05	1.11E-04	1.27E+04	2.27E+02	1.48E+00	2.25E+01	1.35E+01	2.63E+02	1.96E+04	7.10E+02	4.59E-05	6.91E-05	3.33E+00	1.54E-01	4.58E+02	6.31E+02	2.03E+04	1.64E-01	2.03E+04	2.14E+04	1.09E+03	0.00E+00	0.00E+00	6.16E-02	5.79E+02
HW4W325DS	1.05E+01	5.25E+02	-1.32E+01	5.38E+02	3.40E-03	0.00E+00	1.12E+04	8.75E-04	7.01E-01	7.67E+00	1.07E+00	5.99E+03	1.17E-05	1.04E-04	1.26E+04	2.21E+01	1.45E+00	1.30E+00	1.15E+01	2.58E+02	1.63E+04	6.68E+02	4.43E-05	6.53E-05	2.68E+00	1.37E-01	3.66E+02	6.29E+02	1.70E+04	1.84E-01	1.70E+04	1.80E+04	9.94E+02	0.00E+00	0.00E+00	0.00E+00	4.94E+02
HW4W325FS	4.53E+00	2.77E+02	-2.81E+01	3.05E+02	2.21E-03	0.00E+00	9.08E+03	6.44E-04	4.05E-01	4.40E+00	6.63E-01	2.24E+03	6.23E-06	3.79E-05	4.35E+03	1.35E+01	8.97E-01	8.24E-01	4.98E+00	1.52E+02	9.29E+03	4.44E+02	2.08E-05	2.84E-05	1.44E+00	8.03E-02	1.80E+02	5.88E+02	9.74E+03	1.21E-01	9.74E+03	1.05E+04	7.68E+02	0.00E+00	0.00E+00	0.00E+00	2.14E+02
HW4W332DS	1.05E+01	5.33E+02	-1.26E+01	5.46E+02	3.72E-03	0.00E+00	1.12E+04	8.88E-04	7.05E-01	7.72E+00	1.07E+00	5.99E+03	1.17E-05	1.04E-04	1.26E+04	2.48E+01	1.45E+00	1.30E+00	1.16E+01	2.82E+02	1.64E+04	6.75E+02	4.46E-05	6.57E-05	2.70E+00	1.53E-01	3.83E+02	6.29E+02	1.71E+04	1.84E-01	1.71E+04	1.81E+04	1.01E+03	0.00E+00	0.00E+00	0.00E+00	4.97E+02
HW4W332FS	4.55E+00	2.81E+02	-2.77E+01	3.09E+02	2.21E-03	0.00E+00	9.10E+03	6.47E-04	4.08E-01	4.43E+00	6.63E-01	2.24E+03	6.23E-06	3.79E-05	4.35E+03	1.47E+01	8.97E-01	8.24E-01	5.02E+00	1.66E+02	9.36E+03	4.44E+02	2.09E-05	2.87E-05	1.45E+00	9.00E-02	1.90E+02	5.88E+02	9.80E+03	1.21E-01	9.80E+03	1.06E+04	7.78E+02	0.00E+00	0.00E+00	0.00E+00	2.15E+02
HW4W340DS	1.05E+01	5.33E+02	-1.26E+01	5.46E+02	3.72E-03	0.00E+00	1.12E+04	8.88E-04	7.05E-01	7.72E+00	1.07E+00	5.99E+03	1.17E-05	1.04E-04	1.26E+04	2.48E+01	1.45E+00	1.30E+00	1.16E+01	2.82E+02	1.64E+04	6.75E+02	4.46E-05	6.57E-05	2.70E+00	1.53E-01	3.83E+02	6.29E+02	1.71E+04	1.84E-01	1.71E+04	1.81E+04	1.01E+03	0.00E+00	0.00E+00	0.00E+00	4.97E+02
HW4W340FS	4.55E+00	2.81E+02	-2.77E+01	3.09E+02	2.21E-03	0.00E+00	9.10E+03	6.47E-04	4.08E-01	4.43E+00	6.63E-01	2.24E+03	6.23E-06	3.79E-05	4.35E+03	1.47E+01	8.97E-01	8.24E-01	5.02E+00	1.66E+02	9.36E+03	4.44E+02	2.09E-05	2.87E-05	1.45E+00	9.00E-02	1.90E+02	5.88E+02	9.80E+03	1.21E-01	9.80E+03	1.06E+04	7.78E+02	0.00E+00	0.00E+00	0.00E+00	2.15E+02
HW4W410DS	1.36E+01	6.64E+02	-4.81E+00	6.69E+02	4.44E-03	0.00E+00	1.30E+04	1.09E-03	8.57E-01	9.40E+00	1.27E+00	7.95E+03	1.43E-05	1.39E-04	1.67E+04	3.06E+01	1.72E+00	1.54E+00	1.51E+01	3.54E+02	1.95E+04	8.58E+02	5.82E-05	8.49E-05	3.34E+00	1.94E-01	4.80E+02	6.49E+02	2.03E+04	2.44E-01	2.03E+04	2.15E+04	1.13E+03	0.00E+00	0.00E+00	0.00E+00	6.46E+02
HW4W410FS	6.25E+00	3.61E+02	-2.32E+01	3.84E+02	2.75E-03	0.00E+00	1.08E+04	8.29E-04	4.93E-01	5.37E+00	8.13E-01	3.31E+03	7.42E-06	5.59E-05	6.41E+03	1.79E+01	1.10E+00	9.99E-01	6.96E+00	2.12E+02	1.16E+04	5.67E+02	5.38E-05	3.91E-05	1.87E+00	1.15E-01	2.35E+02	6.03E+02	1.22E+04	1.91E-01	1.22E+04	1.31E+04	8.39E+02	0.00E+00	0.00E+00	0.00E+00	2.99E+02
HW4W412DS	1.36E+01	6.59E+02	-5.50E+00	6.65E+02	4.44E-03	0.00E+00	1.30E+04	1.10E-03	8.55E-01	9.38E+00	1.27E+00	7.95E+03	1.43E-05	1.39E-04	1.67E+04	2.83E+01	1.72E+00	1.54E+00	1.50E+01	3.25E+02	1.95E+04	8.58E+02	5.79E-05	8.47E-05	3.33E+00	1.74E-01	4.73E+02	6.49E+02	2.03E+04	2.44E-01	2.03E+04	2.15E+04	1.12E+03	0.00E+00	0.00E+00	0.00E+00	6.44E+02
HW4W412FS	6.24E+00	3.57E+02	-2.37E+01	3.81E+02	2.37E-03	0.00E+00	1.03E+04	8.69E-04	4.91E-01	5.36E+00	8.12E-01	3.31E+03	7.42E-06	5.58E-05	6.42E+03	1.54E+01	1.10E+00	1.01E+00	6.92E+00	1.92E+02	1.17E+04	5.58E+02	5.36E-05	3.90E-05	1.86E+00	1.02E-01	2.34E+02	6.03E+02	1.22E+04	1.91E-01	1.22E+04	1.30E+04	8.37E+02	0.00E+00	0.00E+00	8.40E-04	2.97E+02
HW4W416DS	1.36E+01	6.59E+02	-5.50E+00	6.65E+02	4.44E-03	0.00E+00	1.30E+04	1.10E-03	8.55E-01	9.38E+00	1.27E+00	7.95E+03	1.43E-05	1.39E-04	1.67E+04	2.83E+01	1.72E+00	1.54E+00	1.50E+01	3.25E+02	1.95E+04	8.58E+02	5.79E-05	8.47E-05	3.33E+00	1.74E-01	4.73E+02	6.49E+02	2.03E+04	2.44E-01	2.03E+04	2.15E+04	1.12E+03	0.00E+00	0.00E+00	0.00E+00	6.44E+02
HW4S410DB	1.42E+01	7.21E+02	-5.09E+00	7.26E+02	4.23E-03	0.00E+00	2.07E+04	1.51E-03	1.09E+00	1.20E+01	1.30E+00	7.99E+03	1.47E-05	1.40E-04	1.68E+04	2.83E+01	1.77E+00	1.64E+00	1.54E+01	3.29E+02	2.06E+04	8.81E+02	5.87E-05	8.74E-05	3.99E+00	1.77E-01	5.04E+02	6.52E+02	2.15E+04	2.45E-01	2.15E+04	2.26E+04	1.16E+03	0.00E+00	0.00E+00	8.17E-02	6.61E+02
HW4S410DE	1.42E+01	7.23E+02	-5.03E+00	7.28E+02	4.51E-03	0.00E+00	2.10E+04	1.55E-03	1.10E+00	1.20E+01	1.31E+00	7.99E+03	1.47E-05	1.40E-04	1.68E+04	2.91E+01	1.77E+00	1.64E+00	1.54E+01	3.30E+02	2.06E+04	8.89E+02	5.88E-05	8.75E-05	3.99E+00	1.77E-01	5.04E+02	6.52E+02	2.15E+04	2.45E-01	2.15E+04	2.27E+04	1.16E+03	0.00E+00	0.00E+00	8.18E-02	6.62E+02
HW4S410FB	6.41E+00	4.11E+02	-2.42E+01	4.35E+02	2.54E-03	0.00E+00	1.82E+04	1.16E-03	7.25E-01	7.90E+00	8.00E-01	2.99E+03	7.38E-06	5.11E-05	5.85E+03	1.69E+01	1.08E+00	1.05E+00	6.74E+00	1.96E+02	1.22E+04	5.89E+02	2.72E-05	3.87E-05	2.41E+00	1.05E-01	2.42E+02	6.02E+02	1.28E+04	1.62E-01	1.28E+04	1.37E+04	8.45E+02	0.00E+00	0.00E+00	0.00E+00	2.89E+02
HW4S410FE	6.49E+00	4.17E+02	-2.40E+01	4.41E+02	3.19E-03	0.00E+00	1.89E+04	1.17E-03	7.42E-01	8.09E+00	8.02E-01	2.99E+03	7.39E-06	5.12E-05	5.88E+03	1.86E+01	1.09E+00	1.04E+00	6.78E+00	1.99E+02	1.24E+04	6.04E+02	2.74E-05	3.93E-05	2.46E+00	1.06E-01	2.61E+02	6.02E+02	1.30E+04	1.62E-01	1.30E+04	1.39E+04	8.64E+02	0.00E+00	0.00E+00	5.12E-05	2.91E+02
HW4S412DB	1.42E+01	7.21E+02	-5.09E+00	7.26E+02	4.23E-03	0.00E+00	2.07E+04	1.51E-03	1.09E+00	1.20E+01	1.30E+00	7.99E+03	1.47E-05	1.40E-04	1.68E+04	2.83E+01	1.77E+00	1.64E+00	1.54E+01	3.29E+02	2.06E+04	8.81E+02	5.87E-05	8.74E-05	3.99E+00	1.77E-01	5.04E+02	6.52E+02	2.15E+04	2.45E-01	2.15E+04	2.26E+04	1.16E+03	0.00E+00	0.00E+00	8.17E-02	6.61E+02
HW4S412DE	1.42E+01	7.23E+02	-5.03E+00	7.28E+02	4.51E-03	0.00E+00	2.10E+04	1.55E-03	1.10E+00	1.20E+01	1.31E+00	7.99E+03	1.47E-05	1.40E-04	1.68E+04	2.91E+01	1.77E+00	1.64E+00	1.54E+01	3.30E+02	2.06E+04	8.89E+02	5.88E-05	8.75E-05	3.99E+00	1.77E-01	5.04E+02	6.52E+02	2.15E+04	2.45E-01	2.15E+04	2.27E+04	1.16E+03	0.00E+00	0.00E+00	8.18E-02	6.62E+02
HW4S412FB	6.48E+00	4.20E+02	-2.42E+01	4.44E+02	2.54E-03	0.00E+00	1.82E+04	1.17E-03	7.32E-01	7.99E+00	8.00E-01	2.99E+03	7.38E-06	5.11E-05	5.85E+03	1.69E+01	1.08E+00	1.05E+00	6.75E+00	1.98E+02	1.24E+04	5.89E+02	2.73E-05	3.91E-05	2.44E+00	1.05E-01	2.60E+02	6.02E+02	1.30E+04	1.62E-01	1.30E+04	1.38E+04	8.62E+02	0.00E+00	0.00E+00	0.00E+00	2.90E+02
HW4S412FE	6.49E+00	4.17E+02	-2.40E+01	4.41E+02	3.19E-03	0.00E+00	1.89E+04	1.17E-03	7.42E-01	8.09E+00	8.02E-01	2.99E+03	7.39E-06	5.12E-05	5.88E+03	1.86E+01	1.09E+00	1.04E+00	6.78E+00	1.99E+02	1.24E+04	6.04E+02	2.74E-05	3.93E-05	2.46E+00	1.06E-01	2.61E+02	6.02E+02	1.30E+04	1.62E-01	1.30E+04	1.39E+04	8.64E+02	0.00E+00	0.00E+00	5.12E-05	2.91E+02
HW4S416DB	1.42E+01	7.21E+02	-5.09E+00	7.26E+02	4.23E-03	0.00E+00	2.07E+04	1.51E-03	1.09E+00	1.20E+01	1.30E+00	7.99E+03	1.47E-05	1.40E-04	1.68E+04	2.83E+01	1.77E+00	1.64E+00	1.54E+01	3.29E+02	2.06E+04	8.81E+02	5.87E-05	8.74E-05	3.99E+00	1.77E-01	5.04E+02	6.52E+02	2.15E+04	2.45E-01	2.15E+04	2.26E+04	1.16E+03	0.00E+00	0.00E+00	8.17E-02	6.61E+02
HW4S416DE	1.42E+01	7.23E+02	-5.03E+00	7.28E+02	4.51E-03	0.00E+00	2.10E+04	1.55E-03	1.10E+00	1.20E+01	1.31E+00	7.99E+03	1.47E-05	1.40E-04	1.68E+04	2.91E+01	1.77E+00	1.64E+00	1.54E+01	3.30E+02	2.06E+04	8.89E+02	5.88E-05	8.75E-05	3.99E+00	1.77E-01	5.04E+02	6.52E+02	2.15E+04	2.45E-01	2.15E+04	2.27E+04	1.16E+03	0.00E+00	0.00E+00	8.18E-02	6.62E+02
HW4S416FB	6.48E+00	4.20E+02	-2.42E+01	4.44E+02	2.54E-03	0.00E+00	1.82E+04	1.17E-03	7.32E-01	7.99E+00	8.00E-01	2.99E+03	7.38E-06	5.11E-05	5.85E+03	1.69E+01	1.08E+00	1.05E+00	6.75E+00	1.98E+02	1.24E+04	5.89E+02	2.73E-05	3.91E-05	2.44E+00	1.05E-01	2.60E+02	6.02E+02	1.30E+04	1.62E-01	1.30E+04	1.38E+04	8.62E+02	0.00E+00	0.00E+00	0.00E+00	2.90E+02
HW4S416FE	6.49E+00	4.17E+02	-2.40E+01	4.41E+02	3.19E-03	0.00E+00	1.89E+04	1.17E-03	7.42E-01	8.09E+00	8.02E-01	2.99E+03	7.39E-06	5.12E-05	5.88E+03	1.86E+01	1.09E+00	1.04E+00	6.78E+00	1.99E+02	1.24E+04	6.04E+02	2.74E-05	3.93E-05	2.46E+00	1.06E-01	2.61E+02	6.02E+02	1.30E+04	1.62E-01	1.30E+04	1.39E+04	8.64E+02	0.00E+00	0.00E+00	5.12E-05	2.91E+02
HW4S420DB	1.42E+01	7.21E+02	-5.09E+00	7.26E+02	4.23E-03	0.00E+00	2.07E+04	1.51E-03	1.09E+00	1.20E+01	1.30E+00	7.99E+03	1.47E-05	1.40E-04	1.68E+04	2.83E+01	1.77E+00	1.64E+00	1.54E+01	3.29E+02	2.06E+04	8.81E+02	5.87E-05	8.74E-05	3.99E+00	1.77E-01	5.04E+02	6.52E+02	2.15E+04	2.45E-01	2.15E+04	2.26E+04	1.16E+03	0.00E+00	0.00E+00	8.17E-02	6.61E+02
HW4S420DE	1.42E+01	7.23E+02	-5.03E+00	7.28E+02	4.51E-03	0.00E+00	2.10E+04	1.55E-03	1.10E+00	1.20E+01	1.31E+00	7.99E+03	1.47E-05	1.40E-04	1.68E+04	2.91E+01	1.77E+00	1.64E+00	1.54E+01	3.30E+02	2.06E+04	8.89E+02	5.88E-05	8.75E-05	3.99E+00	1.77E-01	5.04E+02	6.52E+02	2.15E+04	2.45E-01	2.15E+04	2.27E+04	1.16E+03	0.00E+00	0.00E+00	8.18E-02	6.62E+02
HW4S420FB	6.48E+00	4.20E+02	-2.42E+01	4.44E+02	2.54E-03	0.00E+00	1.82E+04	1.17E-03	7.32E-01	7.99E+00	8.00E-01	2.99E+03	7.38E-06	5.11E-05	5.85E+03	1.69E+01	1.08E+00	1.05E+00	6.75E+00	1.98E+02	1.24E+04	5.89E+02	2.73E-05	3.91E-05	2.44E+00	1.05E-01	2.60E+02	6.02E+02	1.30E+04	1.62E-01	1.30E+04	1.38E+04	8.62E+02	0.00E+00	0.00E+00	0.00E+00	2.90E+02
HW4S420FE	6.49E+00	4.17E+02	-2.40E+01	4.41E+02	3.19E-03	0.00E+00	1.89E+04	1.17E-03	7.42E-01	8.09E+00	8.02E-01	2.99E+03	7.39E-06	5.12E-05	5.88E+03	1.86E+01	1.09E+00	1.04E+00	6.78E+00	1.99E+02	1.24E+04	6.04E+02	2.74E-05	3.93E-05	2.46E+00	1.06E-01	2.61E+02	6.02E+02	1.30E+04	1.62E-01	1.30E+04	1.39E+04	8.64E+02	0.00E+00	0.00E+00	5.12E-05	2.91E+02
HW4S425DB	1.42E+01	7.21E+02	-5.09E+00	7.26E+02	4.23E-03	0.00E+00	2.07E+04	1.51E-03	1.09E+00	1.20E+01	1.30E+00	7.99E+03	1.47E-05	1.40E-04	1.68E+04	2.83E+01	1.77E+00	1.64E+00	1.54E+01	3.29E+02	2.06E+04	8.81E+02	5.87E-05	8.74E-05	3.99E+00	1.77E-01	5.04E+02	6.52E+02	2.15E+04	2.45E-01	2.15E+04	2.26E+04	1.16E+03	0.00E+00	0.00E+00	8.17E-02	6.61E+02

HW4S425DE	1.42E+01	7.23E+02	-5.03E+00	7.28E+02	4.51E-03	0.00E+00	2.10E+04	1.55E-03	1.10E+00	1.20E+01	1.31E+00	7.99E+03	1.47E-05	1.40E-04	1.68E+04	2.91E+01	1.77E+00	1.64E+00	1.54E+01	3.30E+02	2.06E+04	8.89E+02	5.88E-05	8.75E-05	3.99E+00	1.77E-01	5.04E+02	6.52E+02	2.15E+04	2.45E-01	2.15E+04	2.27E+04	1.16E+03	0.00E+00	0.00E+00	8.18E-02	6.62E+02
HW4S425FB	6.48E+00	4.20E+02	-2.42E+01	4.44E+02	2.54E-03	0.00E+00	1.82E+04	1.17E-03	7.32E-01	7.99E+00	8.00E-01	2.99E+03	7.38E-06	5.11E-05	5.85E+03	1.69E+01	1.08E+00	1.05E+00	6.75E+00	1.98E+02	1.24E+04	5.89E+02	2.73E-05	3.91E-05	2.44E+00	1.05E-01	2.60E+02	6.02E+02	1.30E+04	1.62E-01	1.30E+04	1.38E+04	8.62E+02	0.00E+00	0.00E+00	0.00E+00	2.90E+02
HW4S425FE	6.49E+00	4.17E+02	-2.40E+01	4.41E+02	3.19E-03	0.00E+00	1.89E+04	1.17E-03	7.42E-01	8.09E+00	8.02E-01	2.99E+03	7.39E-06	5.12E-05	5.88E+03	1.86E+01	1.09E+00	1.04E+00	6.78E+00	1.99E+02	1.24E+04	6.04E+02	2.74E-05	3.93E-05	2.46E+00	1.06E-01	2.61E+02	6.02E+02	1.30E+04	1.62E-01	1.30E+04	1.39E+04	8.64E+02	0.00E+00	0.00E+00	5.12E-05	2.91E+02
HW4S432DB	1.47E+01	7.51E+02	-1.79E+01	7.69E+02	4.30E-03	0.00E+00	2.89E+04	9.03E-02	1.14E+00	1.26E+01	1.30E+00	7.90E+03	1.29E-05	1.47E-04	1.68E+04	2.98E+02	1.77E+00	2.77E+01	1.74E+01	3.18E+02	2.33E+04	8.90E+02	5.93E-05	8.93E-05	4.17E+00	1.86E-01	5.81E+02	6.52E+02	2.42E+04	2.18E-01	2.42E+04	2.54E+04	1.23E+03	0.00E+00	0.00E+00	8.17E-02	7.48E+02
HW4S432DE	1.47E+01	7.52E+02	-1.78E+01	7.70E+02	4.58E-03	0.00E+00	2.92E+04	9.03E-02	1.14E+00	1.27E+01	1.31E+00	7.90E+03	1.29E-05	1.47E-04	1.68E+04	2.99E+02	1.77E+00	2.77E+01	1.75E+01	3.18E+02	2.33E+04	8.97E+02	5.94E-05	8.94E-05	4.17E+00	1.87E-01	5.81E+02	6.52E+02	2.42E+04	2.18E-01	2.42E+04	2.54E+04	1.23E+03	0.00E+00	0.00E+00	8.18E-02	7.49E+02
HW4S432FB	6.58E+00	4.25E+02	-3.03E+01	4.55E+02	2.56E-03	0.00E+00	2.52E+04	3.15E-02	7.47E-01	8.20E+00	7.99E-01	2.92E+03	6.90E-06	5.36E-05	5.89E+03	1.09E+02	1.08E+00	1.28E+01	7.53E+00	1.93E+02	1.38E+04	5.95E+02	2.71E-05	3.96E-05	2.50E+00	1.11E-01	2.86E+02	6.02E+02	1.44E+04	1.33E-01	1.44E+04	1.52E+04	8.88E+02	0.00E+00	0.00E+00	8.17E-02	3.23E+02
HW4S312DB	1.07E+01	5.85E+02	-1.30E+01	5.98E+02	3.67E-03	0.00E+00	1.75E+04	1.20E-03	8.92E-01	9.77E+00	1.11E+00	5.77E+03	1.21E-05	1.02E-04	1.21E+04	2.33E+01	1.50E+00	1.40E+00	1.15E+01	2.68E+02	1.76E+04	6.97E+02	6.92E-05	6.59E-05	3.25E+00	1.44E-01	3.85E+02	6.33E+02	1.83E+04	1.79E-01	1.83E+04	1.93E+04	1.02E+03	0.00E+00	0.00E+00	0.00E+00	4.95E+02
HW4S312DE	1.07E+01	5.83E+02	-1.28E+01	5.96E+02	4.28E-03	0.00E+00	1.82E+04	1.19E-03	9.00E-01	9.85E+00	1.11E+00	5.77E+03	1.21E-05	1.02E-04	1.21E+04	2.49E+01	1.50E+00	1.38E+00	1.16E+01	2.70E+02	1.77E+04	7.12E+02	6.93E-05	6.60E-05	3.27E+00	1.46E-01	3.87E+02	6.33E+02	1.84E+04	1.79E-01	1.84E+04	1.94E+04	1.02E+03	0.00E+00	0.00E+00	5.12E-05	4.96E+02
HW4S312FB	5.02E+00	3.27E+02	-2.77E+01	3.55E+02	2.16E-03	0.00E+00	1.53E+04	9.59E-04	5.92E-01	6.45E+00	6.87E-01	2.27E+03	6.64E-06	3.88E-05	4.43E+03	1.39E+01	9.30E-01	9.07E-01	5.28E+00	1.57E+02	1.01E+04	4.65E+02	2.15E-05	3.05E-05	1.96E+00	8.29E-02	1.92E+02	5.91E+02	1.06E+04	1.22E-01	1.06E+04	1.14E+04	7.83E+02	0.00E+00	0.00E+00	0.00E+00	2.27E+02
HW4S312FE	5.06E+00	3.29E+02	-2.76E+01	3.56E+02	2.77E-03	0.00E+00	1.59E+04	9.44E-04	5.93E-01	6.46E+00	6.89E-01	2.27E+03	6.64E-06	3.89E-05	4.46E+03	1.55E+01	9.33E-01	8.95E-01	5.32E+00	1.60E+02	1.02E+04	4.80E+02	2.16E-05	3.07E-05	1.96E+00	8.42E-02	2.08E+02	5.91E+02	1.07E+04	1.22E-01	1.07E+04	1.15E+04	7.99E+02	0.00E+00	0.00E+00	5.12E-05	2.29E+02
HW4S316DB	1.07E+01	5.85E+02	-1.30E+01	5.98E+02	3.67E-03	0.00E+00	1.75E+04	1.20E-03	8.92E-01	9.77E+00	1.11E+00	5.77E+03	1.21E-05	1.02E-04	1.21E+04	2.33E+01	1.50E+00	1.40E+00	1.15E+01	2.68E+02	1.76E+04	6.97E+02	6.92E-05	6.59E-05	3.25E+00	1.44E-01	3.85E+02	6.33E+02	1.83E+04	1.79E-01	1.83E+04	1.93E+04	1.02E+03	0.00E+00	0.00E+00	0.00E+00	4.95E+02
HW4S316DE	1.07E+01	5.83E+02	-1.28E+01	5.96E+02	4.28E-03	0.00E+00	1.82E+04	1.19E-03	9.00E-01	9.85E+00	1.11E+00	5.77E+03	1.21E-05	1.02E-04	1.21E+04	2.49E+01	1.50E+00	1.38E+00	1.16E+01	2.70E+02	1.77E+04	7.12E+02	6.93E-05	6.60E-05	3.27E+00	1.46E-01	3.87E+02	6.33E+02	1.84E+04	1.79E-01	1.84E+04	1.94E+04	1.02E+03	0.00E+00	0.00E+00	5.12E-05	4.96E+02
HW4S316FB	5.07E+00	3.35E+02	-2.77E+01	3.62E+02	2.16E-03	0.00E+00	1.53E+04	9.63E-04	5.98E-01	6.52E+00	6.87E-01	2.27E+03	6.64E-06	3.89E-05	4.43E+03	1.39E+01	9.30E-01	9.07E-01	5.29E+00	1.59E+02	1.02E+04	4.65E+02	2.15E-05	3.08E-05	1.98E+00	8.30E-02	2.06E+02	5.91E+02	1.07E+04	1.22E-01	1.07E+04	1.15E+04	7.97E+02	0.00E+00	0.00E+00	0.00E+00	2.27E+02
HW4S316FE	5.06E+00	3.29E+02	-2.76E+01	3.56E+02	2.77E-03	0.00E+00	1.59E+04	9.44E-04	5.93E-01	6.46E+00	6.89E-01	2.27E+03	6.64E-06	3.89E-05	4.46E+03	1.55E+01	9.33E-01	8.95E-01	5.32E+00	1.60E+02	1.02E+04	4.80E+02	2.16E-05	3.07E-05	1.96E+00	8.42E-02	2.08E+02	5.91E+02	1.07E+04	1.22E-01	1.07E+04	1.15E+04	7.99E+02	0.00E+00	0.00E+00	5.12E-05	2.29E+02
HW4S320DB	1.07E+01	5.78E+02	-1.30E+01	5.91E+02	3.67E-03	0.00E+00	1.75E+04	1.20E-03	8.87E-01	9.70E+00	1.11E+00	5.77E+03	1.21E-05	1.02E-04	1.21E+04	2.33E+01	1.50E+00	1.40E+00	1.15E+01	2.67E+02	1.75E+04	6.97E+02	6.92E-05	6.56E-05	3.23E+00	1.44E-01	3.72E+02	6.33E+02	1.82E+04	1.79E-01	1.82E+04	1.92E+04	1.00E+03	0.00E+00	0.00E+00	0.00E+00	4.95E+02
HW4S320DE	1.07E+01	5.83E+02	-1.28E+01	5.96E+02	4.28E-03	0.00E+00	1.82E+04	1.19E-03	9.00E-01	9.85E+00	1.11E+00	5.77E+03	1.21E-05	1.02E-04	1.21E+04	2.49E+01	1.50E+00	1.38E+00	1.16E+01	2.70E+02	1.77E+04	7.12E+02	6.93E-05	6.60E-05	3.27E+00	1.46E-01	3.87E+02	6.33E+02	1.84E+04	1.79E-01	1.84E+04	1.94E+04	1.02E+03	0.00E+00	0.00E+00	5.12E-05	4.96E+02
HW4S320FB	5.02E+00	3.27E+02	-2.77E+01	3.55E+02	2.16E-03	0.00E+00	1.53E+04	9.59E-04	5.92E-01	6.45E+00	6.87E-01	2.27E+03	6.64E-06	3.88E-05	4.43E+03	1.39E+01	9.30E-01	9.07E-01	5.28E+00	1.57E+02	1.01E+04	4.65E+02	2.15E-05	3.05E-05	1.96E+00	8.29E-02	1.92E+02	5.91E+02	1.06E+04	1.22E-01	1.06E+04	1.14E+04	7.83E+02	0.00E+00	0.00E+00	0.00E+00	2.27E+02
HW4S320FE	5.06E+00	3.29E+02	-2.76E+01	3.56E+02	2.77E-03	0.00E+00	1.59E+04	9.44E-04	5.93E-01	6.46E+00	6.89E-01	2.27E+03	6.64E-06	3.89E-05	4.46E+03	1.55E+01	9.33E-01	8.95E-01	5.32E+00	1.60E+02	1.02E+04	4.80E+02	2.16E-05	3.07E-05	1.96E+00	8.42E-02	2.08E+02	5.91E+02	1.07E+04	1.22E-01	1.07E+04	1.15E+04	7.99E+02	0.00E+00	0.00E+00	5.12E-05	2.29E+02
HW4S325DB	1.07E+01	5.78E+02	-1.30E+01	5.91E+02	3.67E-03	0.00E+00	1.75E+04	1.20E-03	8.87E-01	9.70E+00	1.11E+00	5.77E+03	1.21E-05	1.02E-04	1.21E+04	2.33E+01	1.50E+00	1.40E+00	1.15E+01	2.67E+02	1.75E+04	6.97E+02	6.92E-05	6.56E-05	3.23E+00	1.44E-01	3.72E+02	6.33E+02	1.82E+04	1.79E-01	1.82E+04	1.92E+04	1.00E+03	0.00E+00	0.00E+00	0.00E+00	4.95E+02
HW4S325DE	1.07E+01	5.83E+02	-1.28E+01	5.96E+02	4.28E-03	0.00E+00	1.82E+04	1.19E-03	9.00E-01	9.85E+00	1.11E+00	5.77E+03	1.21E-05	1.02E-04	1.21E+04	2.49E+01	1.50E+00	1.38E+00	1.16E+01	2.70E+02	1.77E+04	7.12E+02	6.93E-05	6.60E-05	3.27E+00	1.46E-01	3.87E+02	6.33E+02	1.84E+04	1.79E-01	1.84E+04	1.94E+04	1.02E+03	0.00E+00	0.00E+00	5.12E-05	4.96E+02
HW4S325FB	5.02E+00	3.27E+02	-2.77E+01	3.55E+02	2.16E-03	0.00E+00	1.53E+04	9.59E-04	5.92E-01	6.45E+00	6.87E-01	2.27E+03	6.64E-06	3.88E-05	4.43E+03	1.39E+01	9.30E-01	9.07E-01	5.28E+00	1.57E+02	1.01E+04	4.65E+02	2.15E-05	3.05E-05	1.96E+00	8.29E-02	1.92E+02	5.91E+02	1.06E+04	1.22E-01	1.06E+04	1.14E+04	7.83E+02	0.00E+00	0.00E+00	0.00E+00	2.27E+02
HW4S325FE	5.06E+00	3.29E+02	-2.76E+01	3.56E+02	2.77E-03	0.00E+00	1.59E+04	9.44E-04	5.93E-01	6.46E+00	6.89E-01	2.27E+03	6.64E-06	3.89E-05	4.46E+03	1.55E+01	9.33E-01	8.95E-01	5.32E+00	1.60E+02	1.02E+04	4.80E+02	2.16E-05	3.07E-05	1.96E+00	8.42E-02	2.08E+02	5.91E+02	1.07E+04	1.22E-01	1.07E+04	1.15E+04	7.99E+02	0.00E+00	0.00E+00	5.12E-05	2.29E+02
HW4S332DB	1.13E+01	6.03E+02	-2.32E+01	6.26E+02	3.71E-03	0.00E+00	2.49E+04	6.79E-02	9.19E-01	1.01E+01	1.09E+00	5.95E+03	1.08E-05	1.11E-04	1.26E+04	2.27E+02	1.48E+00	2.25E+01	1.35E+01	2.62E+02	1.96E+04	7.03E+02	4.57E-05	6.90E-05	3.33E+00	1.53E-01	4.57E+02	6.31E+02	2.03E+04	1.64E-01	2.03E+04	2.14E+04	1.09E+03	0.00E+00	0.00E+00	6.15E-02	5.78E+02
HW4S332DE	1.13E+01	6.04E+02	-2.31E+01	6.27E+02	3.99E-03	0.00E+00	2.52E+04	6.79E-02	9.20E-01	1.02E+01	1.09E+00	5.95E+03	1.08E-05	1.11E-04	1.27E+04	2.27E+02	1.48E+00	2.25E+01	1.35E+01	2.63E+02	1.96E+04	7.10E+02	4.59E-05	6.91E-05	3.33E+00	1.54E-01	4.58E+02	6.31E+02	2.03E+04	1.64E-01	2.03E+04	2.14E+04	1.09E+03	0.00E+00	0.00E+00	6.16E-02	5.79E+02
HW4S332FB	5.16E+00	3.38E+02	-3.26E+01	3.70E+02	2.17E-03	0.00E+00	2.21E+04	2.38E-02	6.05E-01	6.63E+00	6.87E-01	2.21E+03	6.27E-06	4.08E-05	4.46E+03	8.38E+01	9.31E-01	1.04E+01	5.90E+00	1.60E+02	1.14E+04	4.71E+02	2.14E-05	3.12E-05	2.01E+00	9.14E-02	2.30E+02	5.91E+02	1.19E+04	1.00E-01	1.19E+04	1.27E+04	8.21E+02	0.00E+00	0.00E+00	6.15E-02	2.53E+02
HW4S332FE	5.18E+00	3.39E+02	-3.25E+01	3.72E+02	2.45E-03	0.00E+00	2.23E+04	2.38E-02	6.07E-01	6.65E+00	6.89E-01	2.21E+03	6.27E-06	4.09E-05	4.47E+03	8.46E+01	9.33E-01	1.04E+01	5.93E+00	1.61E+02	1.14E+04	4.78E+02	2.15E-05	3.13E-05	2.02E+00	9.18E-02	2.31E+02	5.91E+02	1.19E+04	1.01E-01	1.19E+04	1.27E+04	8.22E+02	0.00E+00	0.00E+00	6.16E-02	2.55E+02
HW4S340DB	1.13E+01	6.03E+02	-2.32E+01	6.26E+02	3.71E-03	0.00E+00	2.49E+04	6.79E-02	9.19E-01	1.01E+01	1.09E+00	5.95E+03	1.08E-05	1.11E-04	1.26E+04	2.27E+02	1.48E+00	2.25E+01	1.35E+01	2.62E+02	1.96E+04	7.03E+02	4.57E-05	6.90E-05	3.33E+00	1.53E-01	4.57E+02	6.31E+02	2.03E+04	1.64E-01	2.03E+04	2.14E+04	1.09E+03	0.00E+00	0.00E+00	6.15E-02	5.78E+02
HW4S340DE	1.13E+01	6.04E+02	-2.31E+01	6.27E+02	3.99E-03	0.00E+00	2.52E+04	6.79E-02	9.21E-01	1.02E+01	1.09E+00	5.95E+03	1.08E-05	1.11E-04	1.27E+04	2.27E+02	1.48E+00	2.25E+01	1.35E+01	2.63E+02	1.96E+04	7.10E+02	4.59E-05	6.91E-05	3.33E+00	1.54E-01	4.57E+02	6.31E+02	2.03E+04	1.64E-01	2.03E+04	2.14E+04	1.09E+03	0.00E+00	0.00E+00	6.16E-02	5.79E+02
HW4S340FB	5.16E+00	3.38E+02	-3.26E+01	3.70E+02	2.17E-03	0.00E+00	2.21E+04	2.38E-02	6.05E-01	6.63E+00	6.87E-01	2.21E+03	6.27E-06	4.08E-05	4.46E+03	8.38E+01	9.31E-01	1.04E+01	5.90E+00	1.60E+02	1.14E+04	4.71E+02	2.14E-05	3.12E-05	2.01E+00	9.14E-02	2.30E+02	5.91E+02	1.19E+04	1.00E-01	1.19E+04	1.27E+04	8.21E+02	0.00E+00	0.00E+00	6.15E-02	2.53E+02
HW4P432DB	1.47E+01	7.51E+02	-1.79E+01	7.69E+02	4.30E-03	0.00E+00	2.89E+04	9.03E-02	1.14E+00	1.26E+01	1.30E+00	7.90E+03	1.29E-05	1.47E-04	1.68E+04	2.98E+02	1.77E+00	2.77E+01	1.74E+01	3.18E+02	2.33E+04	8.90E+02	5.93E-05	8.93E-05	4.17E+00	1.86E-01	5.81E+02	6.52E+02	2.42E+04	2.18E-01	2.42E+04	2.54E+04	1.23E+03	0.00E+00	0.00E+00	8.17E-02	7.48E+02
HW4P432DE	1.47E+01	7.52E+02	-1.78E+01	7.70E+02	4.58E-03	0.00E+00	2.92E+04	9.03E-02	1.14E+00	1.27E+01	1.31E+00	7.90E+03	1.29E-05	1.47E-04	1.68E+04	2.99E+02	1.77E+00	2.77E+01	1.75E+01	3.18E+02	2.33E+04	8.97E+02	5.94E-05	8.94E-05	4.17E+00	1.87E-01	5.81E+02	6.52E+02	2.42E+04	2.18E-01	2.42E+04	2.54E+04	1.23E+03	0.00E+00	0.00E+00	8.18E-02	7.49E+02
HW4E432DB	1.47E+01	7.51E+02	-1.79E+01	7.69E+02	4.30E-03	0.00E+00	2.89E+04	9.03E-02	1.14E+00	1.26E+01	1.30E+00	7.90E+03	1.29E-05	1.47E-04	1.68E+04	2.98E+02	1.77E+00	2.77E+01	1.74E+01	3.18E+02	2.33E+04	8.90E+02	5.93E-05	8.93E-05	4.17E+00	1.86E-01	5.81E+02	6.52E+02	2.42E+04	2.18E-01	2.42E+04	2.54E+04	1.23E+03	0.00E+00	0.00E+00	8.17E-02	7.48E+02
HW4E432DE	1.47E+01	7.52E+02	-1.78E+01	7.70E+02	4.58E-03	0.00E+00	2.92E+04	9.03E-02	1.14E+00	1.27E+01	1.31E+00	7.90E+03	1.29E-05	1.47E-04	1.68E+04	2.99E+02	1.77E+00	2.77E+01	1.75E+01	3.18E+02	2.33E+04	8.97E+02	5.94E-05	8.94E-05	4.17E+00	1.87E-01	5.81E+02	6.52E+02	2.42E+04	2.18E-01	2.42E+04	2.54E+04	1.23E+03	0.00E+00	0.00E+00	8.18E-02	7.49E+02
HW4E432FB	6.58E+00	4.25E+02	-3.03E+01	4.55E+02	2.56E-03	0.00E+00	2.52E+04	3.15E-02	7.47E-01	8.20E+00	7.99E-01	2.92E+03	6.90E-06	5.36E-05	5.89E+03	1.09E+02	1.08E+00	1.28E+01	7.53E+00	1.93E+02	1.38E+04	5.95E+02	2.71E-05	3.96E-05	2.50E+00	1.11E-01	2.86E+02	6.02E+02	1.44E+04	1.33E-01	1.44E+04	1.52E+04	8.88E+02	0.00E+00	0.00E+00	8.17E-02	3.23E+02
HW4E432FE	6.59E+00	4.26E+02	-3.02E+01	4.57E+02	2.84E-03	0.00E+00	2.55E+04	3.15E-02	7.49E-01	8.22E+00	8.01E-01	2.92E+03	6.90E-06	5.36E-05	5.90E+03	1.10E+02	1.08E+00	1.28E+01	7.56E+00	1.93E+02	1.38E+04	6.02E+02	2.72E-05	3.97E-05	2.50E+00	1.11E-01	2.86E+02	6.02E+02	1.44E+04	1.33E-01	1.44E+04	1.53E+04	8.89E+02	0.00E+00	0.00E+00	8.18E-02	3.25E+02
HW4E440DB	1.47E+01	7.51E+02	-1.79E+01	7.69E+02	4.30E-03	0.00E+00	2.89E+04	9.03E-02	1.14E+00	1.26E+01	1.30E+00	7.90E+03	1.29E-05	1.47E-04	1.68E+04	2.98E+02	1.77E+00	2.77E+01	1.74E+01	3.18E+02	2.33E+04	8.90E+02	5.93E-05	8.93E-05	4.17E+00	1.86E-01	5.81E+02	6.52E+02	2.42E+04	2.18E-01	2.42E+04	2.54E+04	1.23E+03	0.00E+00	0.00E+00	8.17E-02	7.48E+02
HW4E440DE	1.47E+01	7.52E+02	-1.78E+01	7.70E+02	4.58E-03	0.00E+00	2.92E+04	9.03E-02	1.14E+00	1.27E+01	1.31E+00	7.90E+03	1.29E-05	1.47E-04	1.68E+04	2.99E+02	1.77E+00	2.77E+01	1.75E+01	3.18E+02	2.33E+04	8.97E+02	5.94E-05	8.94E-05	4.17E+00	1.87E-01	5.81E+02	6.52E+02	2.42E+04	2.18E-01	2.42E+04	2.54E+04	1.23E+03	0.00E+00	0.00E+00	8.18E-02	7.49E+02
HW4E440FB	6.58E+00	4.25E+02	-3.03E+01	4.55E+02	2.56E-03	0.00E+00	2.52E+04	3.15E-02	7.47E-01	8.20E+00	7.99E-01	2.92E+03	6.90E-06	5.36E-05	5.89E+03	1.09E+02	1.08E+00	1.28E+01	7.53E+00	1.93E+02	1.38E+04	5.95E+02	2.71E-05	3.96E-05	2.50E+00	1.11E-01	2.86E+02	6.02E+02	1.44E+04	1.33E-01	1.44E+04	1.52E+04	8.88E+02	0.00E+00	0.00E+00	8.17E-02	3.23E+02
HW4E440FE	6.59E+00	4.26E+02	-3.02E+01	4.57E+02	2.84E-03	0.00E+00	2.55E+04	3.15E-02	7.49E-01	8.22E+00	8.01E-01	2.92E+03	6.90E-06	5.36E-05	5.90E+03	1.10E+02	1.08E+00	1.28E+01	7.56E+00	1.93E+02	1.38E+04	6.02E+02	2.72E-05	3.97E-05	2.50E+00	1.11E-01	2.86E+02	6.02E+02	1.44E+04	1.33E-01	1.44E+04	1.53E+04	8.89E+02	0.00E+00	0.00E+00	8.18E-02	3.25E+02
HW4P310DB	1.07E+01	5.78E+02	-1.30E+01	5.91E+02	3.67E-03	0.00E+00	1.75E+04	1.20E-03	8.87E-01	9.70E+00	1.11E+00	5.77E+03	1.21E-05	1.02E-04	1.21E+04	2.33E+01	1.50E+00	1.40E+00	1.15E+01	2.67E+02	1.75E+04	6.97E+02	6.92E-05	6.56E-05	3.23E+00	1.44E-01	3.72E+02	6.33E+02	1.82E+04	1.79E-01	1.82E+04	1.92E+04	1.00E+03	0.00E+00	0.00E+00	0.00E+00	4.95E+02
HW4P310DE	1.07E+01	5.83E+02	-1.28E+01	5.96E+02	4.28E-03	0.00E+00	1.82E+04	1.19E-03	9.00E-01	9.85E+00	1.11E+00	5.77E+03	1.21E-05	1.02E-04	1.21E+04	2.49E+01	1.50E+00	1.38E+00	1.16E+01	2.70E+02	1.77E+04	7.12E+02	6.93E-05	6.60E-05	3.27E+00	1.46E-01	3.87E+02	6.33E+02	1.84E+04	1.79E-01	1.84E+04	1.94E+04	1.02E+03	0.00E+00	0.00E+00	5.12E-05	4.96E+02
HW4P310FB	5.02E+00	3.27E+02	-2.77E+01	3.55E+02	2.16E-03	0.00E+00	1.53E+04	9.59E-04	5.92E-01	6.45E+00	6.87E-01	2.27E+03	6.64E-06	3.88E-05	4.43E+03	1.39E+01	9.30E-01	9.07E-01	5.28E+00	1.57E+02	1.01E+04	4.65E+02	2.15E-05	3.05E-05	1.96E+00	8.29E-02	1.92E+02	5.91E+02	1.06E+04	1.22E-01	1.06E+04	1.14E+04	7.83E+02	0.00E+00	0.00E+00	0.00E+00	2.27E+02
HW4E320DB	1.07E+01	5.78E+02	-1.30E+01	5.91E+02	3.67E-03	0.00E+00	1.75E+04	1.20E-03	8.87E-01	9.70E+00	1.11E+00	5.77E+03	1.21E-05	1.02E-04	1.21E+04	2.33E+01	1.50E+00	1.40E+00	1.15E+01	2.67E+02	1.75E+04	6.97E+02	6.92E-05	6.56E-05	3.23E+00	1.44E-01	3.72E+02	6.33E+02	1.82E+04	1.79E-01	1.82E+04	1.92E+04	1.00E+03	0.00E+00	0.00E+00	0.00E+00	4.95E+02
HW4E320DE	1.07E+01	5.83E+02	-1.28E+01	5.96E+02	4.28E-03	0.00E+00	1.82E+04	1.19E-03	9.00E-01	9.85E+00	1.11E+00	5.77E+03	1.21E-05	1.02E-04	1.21E+04	2.49E+01	1.50E+00	1.38E+00	1.16E+01	2.70E+02	1.77E+04	7.12E+02	6.93E-05	6.60E-05	3.27E+00	1.46E-01	3.87E+02	6.33E+02	1.84E+04	1.79E-01	1.84E+04	1.94E+04	1.02E+03	0.00E+00	0.00E+00	5.12E-05	4.96E+02
HW4E320FB	5.02E+00	3.27E+02	-2.77E+01	3.55E+02	2.16E-03	0.00E+00	1.53E+04	9.59E-04	5.92E-01	6.45E+00	6.87E-01	2.27E+03	6.64E-06	3.88E-05	4.43E+03	1.39E+01	9.30E-01	9.07E-01	5.28E+00	1.57E+02	1.01E+04	4.65E+02	2.15E-05	3.05E-05	1.96E+00	8.29E-02	1.92E+02	5.91E+02	1.06E+04	1.22E-01	1.06E+04	1.14E+04	7.83E+02	0.00E+00	0.00E+00	0.00E+00	2.27E+02
HW4S340FE	5.18E+00	3.39E+02	-3.25E+01	3.72E+02	2.45E-03	0.00E+00	2.23E+04	2.38E-02	6.07E-01	6.65E+00	6.89E-01	2.21E+03	6.27E-06	4.09E-05	4.47E+03	8.46E+01	9.33E-01	1.04E+01	5.93E+00	1.61E+02	1.14E+04	4.78E+02	2.15E-05	3.13E-05	2.02E+00	9.18E-02	2.31E+02	5.91E+02	1.19E+04	1.01E-01	1.19E+04	1.27E+04	8.22E+02	0.00E+00	0.00E+00	6.16E-02	2.55E+02
HW4E320FE	5.06E+00	3.29E+02	-2.76E+01	3.56E+02	2.77E-03	0.00E+00	1.59E+04	9.44E-04	5.93E-01	6.46E+00	6.89E-01	2.27E+03	6.64E-06	3.89E-05	4.46E+03	1.55E+01	9.33E-01	8.95E-01	5.32E+00	1.60E+02	1.02E+04	4.80E+02	2.16E-05	3.07E-05	1.96E+00	8.42E-02	2.08E+02	5.91E+02	1.07E+04	1.22E-01	1.07E+04	1.15E+04	7.99E+02	0.00E+00	0.00E+00	5.12E-05	2.29E+02
HW4E325DB	1.07E+01	5.85E+02	-1.30E+01	5.98E+02	3.67E-03	0.00E+00	1.75E+04	1.20E-03	8.92E-01	9.77E+00	1.11E+00	5.77E+03	1.21E-05	1.02E-04	1.21E+04	2.33E+01	1.50E+00	1.40E+00	1.15E+01	2.68E+02	1.76E+04	6.97E+02	6.92E-05	6.59E-05	3.25E+00	1.44E-01	3.85E+02	6.33E+02	1.83E+04	1.79E-01	1.83E+04	1.93E+04	1.02E+03	0.00E+00	0.00E+00	0.00E+00	4.95E+02
HW4E325DE	1.07E+01	5.83E+02	-1.28E+01	5.96E+02	4.28E-03	0.00E+00	1.82E+04	1.19E-03	9.00E-01	9.85E+00	1.11E+00	5.77E+03	1.21E-05	1.02E-04	1.21E+04	2.49E+01	1.50E+00	1.38E+00	1.16E+01	2.70E+02	1.77E+04	7.12E+02	6.93E-05	6.60E-05	3.27E+00	1.46E-01	3.87E+02	6.33E+02	1.84E+04	1.79E-01	1.84E+04	1.94E+04	1.02E+03	0.00E+00	0.00E+00	5.12E-05	4.96E+02
HW4E325FB	5.02E+00	3.27E+02	-2.77E+01	3.55E+02	2.16E-03	0.00E+00	1.53E+04	9.59E-04	5.92E-01	6.45E+00	6.87E-01	2.27E+03	6.64E-06	3.88E-05	4.43E+03	1.39E+01	9.30E-01	9.07E-01	5.28E+00	1.57E+02	1.01E+04	4.65E+02	2.15E-05	3.05E-05	1.96E+00	8.29E-02	1.92E+02	5.91E+02	1.06E+04	1.22E-01	1.06E+04	1.14E+04	7.83E+02	0.00E+00	0.00E+00	0.00E+00	2.27E+02
HW4E325FE	5.06E+00	3.29E+02	-2.76E+01	3.56E+02	2.77E-03	0.00E+00	1.59E+04	9.44E-04	5.93E-01	6.46E+00	6.89E-01	2.27E+03	6.64E-06	3.89E-05	4.46E+03	1.55E+01	9.33E-01	8.95E-01	5.32E+00	1.60E+02	1.02E+04	4.80E+02	2.16E-05	3.07E-05	1.96E+00	8.42E-02	2.08E+02	5.91E+02	1.07E+04	1.22E-01	1.07E+04	1.15E+04	7.99E+02	0.00E+00	0.00E+00	5.12E-05	2.29E+02
HW4E332DB	1.13E+01	6.03E+02	-2.32E+01	6.26E+02	3.71E-03	0.00E+00	2.49E+04	6.79E-02	9.19E-01	1.01E+01	1.09E+00	5.95E+03	1.08E-05	1.11E-04	1.26E+04	2.27E+02	1.48E+00	2.25E+01	1.35E+01	2.62E+02	1.96E+04	7.03E+02	4.57E-05	6.90E-05	3.33E+00	1.53E-01	4.57E+02	6.31E+02	2.03E+04	1.64E-01	2.03E+04	2.14E+04	1.09E+03	0.00E+00	0.00E+00	6.15E-02	5.78E+02
HW4E332DE	1.13E+01	6.04E+02	-2.31E+01	6.27E+02	3.99E-03	0.00E+00	2.52E+04	6.79E-02	9.20E-01	1.02E+01	1.09E+00	5.95E+03	1.08E-05	1.11E-04	1.27E+04	2.27E+02	1.48E+00	2.25E+01	1.35E+01	2.63E+02	1.96E+04	7.10E+02	4.59E-05	6.91E-05	3.33E+00	1.54E-01	4.58E+02	6.31E+02	2.03E+04	1.64E-01	2.03E+04	2.14E+04	1.09E+03	0.00E+00	0.00E+00	6.16E-02	5.79E+02
HW4E332FB	5.16E+00	3.38E+02	-3.26E+01	3.70E+02	2.17E-03	0.00E+00	2.21E+04	2.38E-02	6.05E-01	6.63E+00	6.87E-01	2.21E+03	6.27E-06	4.08E-05	4.46E+03	8.38E+01	9.31E-01	1.04E+01	5.90E+00	1.60E+02	1.14E+04	4.71E+02	2.14E-05	3.12E-05	2.01E+00	9.14E-02	2.30E+02	5.91E+02	1.19E+04	1.00E-01	1.19E+04	1.27E+04	8.21E+02	0.00E+00	0.00E+00	6.15E-02	2.53E+02
HW4E332FE	5.18E+00	3.39E+02	-3.25E+01	3.72E+02	2.45E-03	0.00E+00	2.23E+04	2.38E-02	6.07E-01	6.65E+00	6.89E-01	2.21E+03	6.27E-06	4.09E-05	4.47E+03	8.46E+01	9.33E-01	1.04E+01	5.93E+00	1.61E+02	1.14E+04	4.78E+02	2.15E-05	3.13E-05	2.02E+00	9.18E-02	2.31E+02	5.91E+02	1.19E+04	1.01E-01	1.19E+04	1.27E+04	8.22E+02	0.00E+00	0.00E+00	6.16E-02	2.55E+02
HW4E340DB	1.13E+01	6.03E+02	-2.32E+01	6.26E+02	3.71E-03	0.00E+00	2.49E+04	6.79E-02	9.19E-01	1.01E+01	1.09E+00	5.95E+03	1.08E-05	1.11E-04	1.26E+04	2.27E+02	1.48E+00	2.25E+01	1.35E+01	2.62E+02	1.96E+04	7.03E+02	4.57E-05	6.90E-05	3.33E+00	1.53E-01	4.57E+02	6.31E+02	2.03E+04	1.64E-01	2.03E+04	2.14E+04	1.09E+03	0.00E+00	0.00E+00	6.15E-02	5.78E+02
HW4E340DE	1.13E+01	6.04E+02	-2.31E+01	6.27E+02	3.99E-03	0.00E+00	2.52E+04	6.79E-02	9.20E-01	1.02E+01	1.09E+00	5.95E+03	1.08E-05	1.11E-04	1.27E+04	2.27E+02	1.48E+00	2.25E+01	1.35E+01	2.63E+02	1.96E+04	7.10E+02	4.59E-05	6.91E-05	3.33E+00	1.54E-01	4.58E+02	6.31E+02	2.03E+04	1.64E-01	2.03E+04	2.14E+04	1.09E+03	0.00E+00	0.00E+00	6.16E-02	5.79E+02
HW4E340FB	5.16E+00	3.38E+02	-3.26E+01	3.70E+02	2.17E-03	0.00E+00	2.21E+04	2.38E-02	6.05E-01	6.63E+00	6.87E-01	2.21E+03	6.27E-06	4.08E-05	4.46E+03	8.38E+01	9.31E-01	1.04E+01	5.90E+00	1.60E+02	1.14E+04	4.71E+02	2.14E-05	3.12E-05	2.01E+00	9.14E-02	2.30E+02	5.91E+02	1.19E+04	1.00E-01	1.19E+04	1.27E+04	8.21E+02	0.00E+00	0.00E+00	6.15E-02	2.53E+02
HW4E340FE	5.18E+00	3.39E+02	-3.25E+01	3.72E+02	2.45E-03	0.00E+00	2.23E+04	2.38E-02	6.07E-01	6.65E+00	6.89E-01	2.21E+03	6.27E-06	4.09E-05	4.47E+03	8.46E+01	9.33E-01	1.04E+01	5.93E+00	1.61E+02	1.14E+04	4.78E+02	2.15E-05	3.13E-05	2.02E+00	9.18E-02	2.31E+02	5.91E+02	1.19E+04	1.01E-01	1.19E+04	1.27E+04	8.22E+02	0.00E+00	0.00E+00	6.16E-02	2.55E+02
HW4E410DB	1.42E+01	7.21E+02	-5.09E+00	7.26E+02	4.23E-03	0.00E+00	2.07E+04	1.51E-03	1.09E+00	1.20E+01	1.30E+00	7.99E+03	1.47E-05	1.40E-04	1.68E+04	2.83E+01	1.77E+00	1.64E+00	1.54E+01	3.29E+02	2.06E+04	8.81E+02	5.87E-05	8.74E-05	3.99E+00	1.77E-01	5.04E+02	6.52E+02	2.15E+04	2.45E-01	2.15E+04	2.26E+04	1.16E+03	0.00E+00	0.00E+00	8.17E-02	6.61E+02
HW4E410DE	1.42E+01	7.23E+02	-5.03E+00	7.28E+02	4.51E-03	0.00E+00	2.10E+04	1.55E-03	1.10E+00	1.20E+01	1.31E+00	7.99E+03	1.47E-05	1.40E-04	1.68E+04	2.91E+01	1.77E+00	1.64E+00	1.54E+01	3.30E+02	2.06E+04	8.89E+02	5.88E-05	8.75E-05	3.99E+00	1.77E-01	5.04E+02	6.52E+02	2.15E+04	2.45E-01	2.15E+04	2.27E+04	1.16E+03	0.00E+00	0.00E+00	8.18E-02	6.62E+02
HW4E410FB	6.41E+00	4.11E+02	-2.42E+01	4.35E+02	2.54E-03	0.00E+00	1.82E+04	1.16E-03	7.25E-01	7.90E+00	8.00E-01	2.99E+03	7.38E-06	5.11E-05	5.85E+03	1.69E+01	1.08E+00	1.05E+00	6.74E+00	1.96E+02	1.22E+04	5.89E+02	2.72E-05	3.87E-05	2.41E+00	1.05E-01	2.42E+02	6.02E+02	1.28E+04	1.62E-01	1.28E+04	1.37E+04	8.45E+02	0.00E+00	0.00E+00	0.00E+00	2.89E+02
HW4E410FE	6.49E+00	4.15E+02	-2.41E+01	4.39E+02	2.82E-03	0.00E+00	1.85E+04	1.24E-03	7.41E-01	8.08E+00	8.02E-01	2.99E+03	7.39E-06	5.11E-05	5.88E+03	1.78E+01	1.09E+00	1.06E+00	6.77E+00	1.97E+02	1.24E+04	5.96E+02	2.74E-05	3.93E-05	2.46E+00	1.05E-01	2.59E+02	6.02E+02	1.30E+04	1.62E-01	1.30E+04	1.39E+04	8.62E+02	0.00E+00	0.00E+00	8.18E-02	2.91E+02
HW4E412DB	1.42E+01	7.21E+02	-5.09E+00	7.26E+02	4.23E-03	0.00E+00	2.07E+04	1.51E-03	1.09E+00	1.20E+01	1.30E+00	7.99E+03	1.47E-05	1.40E-04	1.68E+04	2.83E+01	1.77E+00	1.64E+00	1.54E+01	3.29E+02	2.06E+04	8.81E+02	5.87E-05	8.74E-05	3.99E+00	1.77E-01	5.04E+02	6.52E+02	2.15E+04	2.45E-01	2.15E+04	2.26E+04	1.16E+03	0.00E+00	0.00E+00	8.17E-02	6.61E+02
HW4E412DE	1.42E+01	7.23E+02	-5.03E+00	7.28E+02	4.51E-03	0.00E+00	2.10E+04	1.55E-03	1.10E+00	1.20E+01	1.31E+00	7.99E+03	1.47E-05	1.40E-04	1.68E+04	2.91E+01	1.77E+00	1.64E+00	1.54E+01	3.30E+02	2.06E+04	8.89E+02	5.88E-05	8.75E-05	3.99E+00	1.77E-01	5.04E+02	6.52E+02	2.15E+04	2.45E-01	2.15E+04	2.27E+04	1.16E+03	0.00E+00	0.00E+00	8.18E-02	6.62E+02
HW4E412FB	6.41E+00	4.11E+02	-2.42E+01	4.35E+02	2.54E-03	0.00E+00	1.82E+04	1.16E-03	7.25E-01	7.90E+00	8.00E-01	2.99E+03	7.38E-06	5.11E-05	5.85E+03	1.69E+01	1.08E+00	1.05E+00	6.74E+00	1.96E+02	1.22E+04	5.89E+02	2.72E-05	3.87E-05	2.41E+00	1.05E-01	2.42E+02	6.02E+02	1.28E+04	1.62E-01	1.28E+04	1.37E+04	8.45E+02	0.00E+00	0.00E+00	0.00E+00	2.89E+02
HW4E412FE	6.49E+00	4.17E+02	-2.40E+01	4.41E+02	3.19E-03	0.00E+00	1.89E+04	1.17E-03	7.42E-01	8.09E+00	8.02E-01	2.99E+03	7.39E-06	5.12E-05	5.88E+03	1.86E+01	1.09E+00	1.04E+00	6.78E+00	1.99E+02	1.24E+04	6.04E+02	2.74E-05	3.93E-05	2.46E+00	1.06E-01	2.61E+02	6.02E+02	1.30E+04	1.62E-01	1.30E+04	1.39E+04	8.64E+02	0.00E+00	0.00E+00	5.12E-05	2.91E+02
HW4E312DB	1.07E+01	5.78E+02	-1.30E+01	5.91E+02	3.67E-03	0.00E+00	1.75E+04	1.20E-03	8.87E-01	9.70E+00	1.11E+00	5.77E+03	1.21E-05	1.02E-04	1.21E+04	2.33E+01	1.50E+00	1.40E+00	1.15E+01	2.67E+02	1.75E+04	6.97E+02	6.92E-05	6.56E-05	3.23E+00	1.44E-01	3.72E+02	6.33E+02	1.82E+04	1.79E-01	1.82E+04	1.92E+04	1.00E+03	0.00E+00	0.00E+00	0.00E+00	4.95E+02
HW4E312DE	1.07E+01	5.83E+02	-1.28E+01	5.96E+02	4.28E-03	0.00E+00	1.82E+04	1.19E-03	9.00E-01	9.85E+00	1.11E+00	5.77E+03	1.21E-05	1.02E-04	1.21E+04	2.49E+01	1.50E+00	1.38E+00	1.16E+01	2.70E+02	1.77E+04	7.12E+02	6.93E-05	6.60E-05	3.27E+00	1.46E-01	3.87E+02	6.33E+02	1.84E+04	1.79E-01	1.84E+04	1.94E+04	1.02E+03	0.00E+00	0.00E+00	5.12E-05	4.96E+02
HW4E312FB	5.02E+00	3.27E+02	-2.77E+01	3.55E+02	2.16E-03	0.00E+00	1.53E+04	9.59E-04	5.92E-01	6.45E+00	6.87E-01	2.27E+03	6.64E-06	3.88E-05	4.43E+03	1.39E+01	9.30E-01	9.07E-01	5.28E+00	1.57E+02	1.01E+04	4.65E+02	2.15E-05	3.05E-05	1.96E+00	8.29E-02	1.92E+02	5.91E+02	1.06E+04	1.22E-01	1.06E+04	1.14E+04	7.83E+02	0.00E+00	0.00E+00	0.00E+00	2.27E+02
HW4E312FE	5.06E+00	3.29E+02	-2.76E+01	3.56E+02	2.77E-03	0.00E+00	1.59E+04	9.44E-04	5.93E-01	6.46E+00	6.89E-01	2.27E+03	6.64E-06	3.89E-05	4.46E+03	1.55E+01	9.33E-01	8.95E-01	5.32E+00	1.60E+02	1.02E+04	4.80E+02	2.16E-05	3.07E-05	1.96E+00	8.42E-02	2.08E+02	5.91E+02	1.07E+04	1.22E-01	1.07E+04	1.15E+04	7.99E+02	0.00E+00	0.00E+00	5.12E-05	2.29E+02
HW4E316DB	1.07E+01	5.78E+02	-1.30E+01	5.91E+02	3.67E-03	0.00E+00	1.75E+04	1.20E-03	8.87E-01	9.70E+00	1.11E+00	5.77E+03	1.21E-05	1.02E-04	1.21E+04	2.33E+01	1.50E+00	1.40E+00	1.15E+01	2.67E+02	1.75E+04	6.97E+02	6.92E-05	6.56E-05	3.23E+00	1.44E-01	3.72E+02	6.33E+02	1.82E+04	1.79E-01	1.82E+04	1.92E+04	1.00E+03	0.00E+00	0.00E+00	0.00E+00	4.95E+02
HW4E316DE	1.07E+01	5.83E+02	-1.28E+01	5.96E+02	4.28E-03	0.00E+00	1.82E+04	1.19E-03	9.00E-01	9.85E+00	1.11E+00	5.77E+03	1.21E-05	1.02E-04	1.21E+04	2.49E+01	1.50E+00	1.38E+00	1.16E+01	2.70E+02	1.77E+04	7.12E+02	6.93E-05	6.60E-05	3.27E+00	1.46E-01	3.87E+02	6.33E+02	1.84E+04	1.79E-01	1.84E+04	1.94E+04	1.02E+03	0.00E+00	0.00E+00	5.12E-05	4.96E+02
HW4E316FB	5.02E+00	3.27E+02	-2.77E+01	3.55E+02	2.16E-03	0.00E+00	1.53E+04	9.59E-04	5.92E-01	6.45E+00	6.87E-01	2.27E+03	6.64E-06	3.88E-05	4.43E+03	1.39E+01	9.30E-01	9.07E-01	5.28E+00	1.57E+02	1.01E+04	4.65E+02	2.15E-05	3.05E-05	1.96E+00	8.29E-02	1.92E+02	5.91E+02	1.06E+04	1.22E-01	1.06E+04	1.14E+04	7.83E+02	0.00E+00	0.00E+00	0.00E+00	2.27E+02
HW4E316FE	5.06E+00	3.29E+02	-2.76E+01	3.56E+02	2.77E-03	0.00E+00	1.59E+04	9.44E-04	5.93E-01	6.46E+00	6.89E-01	2.27E+03	6.64E-06	3.89E-05	4.46E+03	1.55E+01	9.33E-01	8.95E-01	5.32E+00	1.60E+02	1.02E+04	4.80E+02	2.16E-05	3.07E-05	1.96E+00	8.42E-02	2.08E+02	5.91E+02	1.07E+04	1.22E-01	1.07E+04	1.15E+04	7.99E+02	0.00E+00	0.00E+00	5.12E-05	2.29E+02
HW4E310DB	1.07E+01	5.78E+02	-1.30E+01	5.91E+02	3.67E-03	0.00E+00	1.75E+04	1.20E-03	8.87E-01	9.70E+00	1.11E+00	5.77E+03	1.21E-05	1.02E-04	1.21E+04	2.33E+01	1.50E+00	1.40E+00	1.15E+01	2.67E+02	1.75E+04	6.97E+02	6.92E-05	6.56E-05	3.23E+00	1.44E-01	3.72E+02	6.33E+02	1.82E+04	1.79E-01	1.82E+04	1.92E+04	1.00E+03	0.00E+00	0.00E+00	0.00E+00	4.95E+02
HW4E310FE	5.06E+00	3.29E+02	-2.76E+01	3.56E+02	2.77E-03	0.00E+00	1.59E+04	9.44E-04	5.93E-01	6.46E+00	6.89E-01	2.27E+03	6.64E-06	3.89E-05	4.46E+03	1.55E+01	9.33E-01	8.95E-01	5.32E+00	1.60E+02	1.02E+04	4.80E+02	2.16E-05	3.07E-05	1.96E+00	8.42E-02	2.08E+02	5.91E+02	1.07E+04	1.22E-01	1.07E+04	1.15E+04	7.99E+02	0.00E+00	0.00E+00	5.12E-05	2.29E+02
HW4E310DE	1.07E+01	5.81E+02	-1.29E+01	5.94E+02	3.95E-03	0.00E+00	1.78E+04	1.26E-03	8.99E-01	9.85E+00	1.11E+00	5.77E+03	1.21E-05	1.02E-04	1.21E+04	2.41E+01	1.50E+00	1.40E+00	1.16E+01	2.68E+02	1.76E+04	7.04E+02	6.93E-05	6.60E-05	3.27E+00	1.45E-01	3.85E+02	6.33E+02	1.83E+04	1.79E-01	1.83E+04	1.94E+04	1.02E+03	0.00E+00	0.00E+00	6.16E-02	4.96E+02
HW4E310FB	5.02E+00	3.27E+02	-2.77E+01	3.55E+02	2.16E-03	0.00E+00	1.53E+04	9.59E-04	5.92E-01	6.45E+00	6.87E-01	2.27E+03	6.64E-06	3.88E-05	4.43E+03	1.39E+01	9.30E-01	9.07E-01	5.28E+00	1.57E+02	1.01E+04	4.65E+02	2.15E-05	3.05E-05	1.96E+00	8.29E-02	1.93E+02	5.91E+02	1.06E+04	1.22E-01	1.06E+04	1.14E+04	7.84E+02	0.00E+00	0.00E+00	0.00E+00	2.27E+02
HW4E416DB	1.42E+01	7.21E+02	-5.09E+00	7.26E+02	4.23E-03	0.00E+00	2.07E+04	1.51E-03	1.09E+00	1.20E+01	1.30E+00	7.99E+03	1.47E-05	1.40E-04	1.68E+04	2.83E+01	1.77E+00	1.64E+00	1.54E+01	3.29E+02	2.06E+04	8.81E+02	5.87E-05	8.74E-05	3.99E+00	1.77E-01	5.04E+02	6.52E+02	2.15E+04	2.45E-01	2.15E+04	2.26E+04	1.16E+03	0.00E+00	0.00E+00	8.17E-02	6.61E+02
HW4E416DE	1.42E+01	7.23E+02	-5.03E+00	7.28E+02	4.51E-03	0.00E+00	2.10E+04	1.55E-03	1.10E+00	1.20E+01	1.31E+00	7.99E+03	1.47E-05	1.40E-04	1.68E+04	2.91E+01	1.77E+00	1.64E+00	1.54E+01	3.30E+02	2.06E+04	8.89E+02	5.88E-05	8.75E-05	3.99E+00	1.77E-01	5.04E+02	6.52E+02	2.15E+04	2.45E-01	2.15E+04	2.27E+04	1.16E+03	0.00E+00	0.00E+00	8.18E-02	6.62E+02
HW4E416FB	6.41E+00	4.11E+02	-2.42E+01	4.35E+02	2.54E-03	0.00E+00	1.82E+04	1.16E-03	7.25E-01	7.90E+00	8.00E-01	2.99E+03	7.38E-06	5.11E-05	5.85E+03	1.69E+01	1.08E+00	1.05E+00	6.74E+00	1.96E+02	1.22E+04	5.89E+02	2.72E-05	3.87E-05	2.41E+00	1.05E-01	2.42E+02	6.02E+02	1.28E+04	1.62E-01	1.28E+04	1.37E+04	8.45E+02	0.00E+00	0.00E+00	0.00E+00	2.89E+02
HW4E416FE	6.49E+00	4.17E+02	-2.40E+01	4.41E+02	3.19E-03	0.00E+00	1.89E+04	1.17E-03	7.42E-01	8.09E+00	8.02E-01	2.99E+03	7.39E-06	5.12E-05	5.88E+03	1.86E+01	1.09E+00	1.04E+00	6.78E+00	1.99E+02	1.24E+04	6.04E+02	2.74E-05	3.93E-05	2.46E+00	1.06E-01	2.61E+02	6.02E+02	1.30E+04	1.62E-01	1.30E+04	1.39E+04	8.64E+02	0.00E+00	0.00E+00	5.12E-05	2.91E+02
HW4E420DB	1.42E+01	7.21E+02	-5.09E+00	7.26E+02	4.23E-03	0.00E+00	2.07E+04	1.51E-03	1.09E+00	1.20E+01	1.30E+00	7.99E+03	1.47E-05	1.40E-04	1.68E+04	2.83E+01	1.77E+00	1.64E+00	1.54E+01	3.29E+02	2.06E+04	8.81E+02	5.87E-05	8.74E-05	3.99E+00	1.77E-01	5.04E+02	6.52E+02	2.15E+04	2.45E-01	2.15E+04	2.26E+04	1.16E+03	0.00E+00	0.00E+00	8.17E-02	6.61E+02
HW4E420DE	1.42E+01	7.23E+02	-5.03E+00	7.28E+02	4.51E-03	0.00E+00	2.10E+04	1.55E-03	1.10E+00	1.20E+01	1.31E+00	7.99E+03	1.47E-05	1.40E-04	1.68E+04	2.91E+01	1.77E+00	1.64E+00	1.54E+01	3.30E+02	2.06E+04	8.89E+02	5.88E-05	8.75E-05	3.99E+00	1.77E-01	5.04E+02	6.52E+02	2.15E+04	2.45E-01	2.15E+04	2.27E+04	1.16E+03	0.00E+00	0.00E+00	8.18E-02	6.62E+02
HW4E420FB	6.41E+00	4.11E+02	-2.42E+01	4.35E+02	2.54E-03	0.00E+00	1.82E+04	1.16E-03	7.25E-01	7.90E+00	8.00E-01	2.99E+03	7.38E-06	5.11E-05	5.85E+03	1.69E+01	1.08E+00	1.05E+00	6.74E+00	1.96E+02	1.22E+04	5.89E+02	2.72E-05	3.87E-05	2.41E+00	1.05E-01	2.42E+02	6.02E+02	1.28E+04	1.62E-01	1.28E+04	1.37E+04	8.45E+02	0.00E+00	0.00E+00	0.00E+00	2.89E+02
HW4E420FE	6.49E+00	4.17E+02	-2.40E+01	4.41E+02	3.19E-03	0.00E+00	1.89E+04	1.17E-03	7.42E-01	8.09E+00	8.02E-01	2.99E+03	7.39E-06	5.12E-05	5.88E+03	1.86E+01	1.09E+00	1.04E+00	6.78E+00	1.99E+02	1.24E+04	6.04E+02	2.74E-05	3.93E-05	2.46E+00	1.06E-01	2.61E+02	6.02E+02	1.30E+04	1.62E-01	1.30E+04	1.39E+04	8.64E+02	0.00E+00	0.00E+00	5.12E-05	2.91E+02
HW4E425DB	1.42E+01	7.21E+02	-5.09E+00	7.26E+02	4.23E-03	0.00E+00	2.07E+04	1.51E-03	1.09E+00	1.20E+01	1.30E+00	7.99E+03	1.47E-05	1.40E-04	1.68E+04	2.83E+01	1.77E+00	1.64E+00	1.54E+01	3.29E+02	2.06E+04	8.81E+02	5.87E-05	8.74E-05	3.99E+00	1.77E-01	5.04E+02	6.52E+02	2.15E+04	2.45E-01	2.15E+04	2.26E+04	1.16E+03	0.00E+00	0.00E+00	8.17E-02	6.61E+02
HW4E425DE	1.42E+01	7.23E+02	-5.03E+00	7.28E+02	4.51E-03	0.00E+00	2.10E+04	1.55E-03	1.10E+00	1.20E+01	1.31E+00	7.99E+03	1.47E-05	1.40E-04	1.68E+04	2.91E+01	1.77E+00	1.64E+00	1.54E+01	3.30E+02	2.06E+04	8.89E+02	5.88E-05	8.75E-05	3.99E+00	1.77E-01	5.04E+02	6.52E+02	2.15E+04	2.45E-01	2.15E+04	2.27E+04	1.16E+03	0.00E+00	0.00E+00	8.18E-02	6.62E+02
HW4E425FB	6.41E+00	4.11E+02	-2.42E+01	4.35E+02	2.54E-03	0.00E+00	1.82E+04	1.16E-03	7.25E-01	7.90E+00	8.00E-01	2.99E+03	7.38E-06	5.11E-05	5.85E+03	1.69E+01	1.08E+00	1.05E+00	6.74E+00	1.96E+02	1.22E+04	5.89E+02	2.72E-05	3.87E-05	2.41E+00	1.05E-01	2.42E+02	6.02E+02	1.28E+04	1.62E-01	1.28E+04	1.37E+04	8.45E+02	0.00E+00	0.00E+00	0.00E+00	2.89E+02

	HW4E425FE	6.49E+00	4.17E+02	-2.40E+01	4.41E+02	3.19E-03	0.00E+00	1.89E+04	1.17E-03	7.42E-01	8.09E+00	8.02E-01	2.99E+03	7.39E-06	5.12E-05	5.88E+03	1.86E+01	1.09E+00	1.04E+00	6.78E+00	1.99E+02	1.24E+04	6.04E+02	2.74E-05	3.93E-05	2.46E+00	1.06E-01	2.61E+02	6.02E+02	1.30E+04	1.62E-01	1.30E+04	1.39E+04	8.64E+02	0.00E+00	0.00E+00	5.12E-05	2.91E+02
	HWY001H	4.11E-01	9.31E+00	-2.50E-01	9.56E+00	1.80E-06	0.00E+00	4.46E+02	3.42E-03	1.03E-02	1.17E-01	2.31E-02	2.82E+02	1.69E-07	5.34E-06	6.30E+02	1.03E+01	3.12E-02	5.58E-01	5.12E-01	3.64E+00	1.86E+02	1.44E+00	1.61E-06	2.41E-06	5.58E-02	1.76E-03	1.24E+01	1.28E+01	1.88E+02	3.98E-03	1.88E+02	2.13E+02	2.51E+01	0.00E+00	0.00E+00	0.00E+00	2.20E+01
	HWY002H	5.23E-01	1.20E+01	-6.76E-02	1.21E+01	2.35E-06	0.00E+00	5.04E+02	4.46E-03	1.29E-02	1.48E-01	2.86E-02	3.69E+02	1.89E-07	6.97E-06	8.22E+02	1.35E+01	3.88E-02	7.26E-01	6.67E-01	4.64E+00	2.38E+02	1.60E+00	2.09E-06	3.13E-06	7.15E-02	2.24E-03	1.67E+01	1.33E+01	2.40E+02	4.90E-03	2.40E+02	2.70E+02	3.00E+01	0.00E+00	0.00E+00	0.00E+00	2.86E+01
	HWY005H	7.89E-01	1.56E+01	8.07E-01	1.48E+01	0.00E+00	0.00E+00	2.03E+02	2.94E-05	1.63E-02	1.83E-01	3.82E-02	5.76E+02	2.12E-07	1.03E-05	1.28E+03	3.91E-01	5.17E-02	4.44E-02	9.05E-01	8.39E+00	2.78E+02	3.23E+00	3.13E-06	4.73E-06	9.96E-02	4.20E-03	2.18E+01	1.27E+01	2.81E+02	7.74E-03	2.81E+02	3.16E+02	3.45E+01	0.00E+00	0.00E+00	0.00E+00	3.88E+01
	HWY006H	1.05E+00	2.07E+01	1.31E+00	1.94E+01	0.00E+00	0.00E+00	2.65E+02	3.53E-05	2.12E-02	2.40E-01	4.94E-02	7.68E+02	2.54E-07	1.38E-05	1.71E+03	5.14E-01	6.68E-02	5.74E-02	1.20E+00	1.10E+01	3.65E+02	3.54E+00	4.16E-06	6.29E-06	1.31E-01	5.55E-03	2.95E+01	1.38E+01	3.68E+02	1.03E-02	3.68E+02	4.11E+02	4.33E+01	0.00E+00	0.00E+00	0.00E+00	5.16E+01
	HWY040H	5.25E-01	1.07E+01	7.19E-01	9.95E+00	2.29E-06	0.00E+00	2.43E+02	4.32E-03	1.66E-02	1.92E-01	2.00E-02	3.59E+02	8.21E-08	6.76E-06	7.99E+02	1.34E+01	2.71E-02	6.98E-01	6.38E-01	4.59E+00	1.72E+02	7.39E-01	2.00E-06	3.15E-06	8.12E-02	2.89E-03	1.82E+01	1.99E+00	1.73E+02	5.02E-03	1.73E+02	1.93E+02	2.02E+01	0.00E+00	0.00E+00	0.00E+00	2.74E+01
	HWY041H	7.00E-01	1.42E+01	9.59E-01	1.33E+01	3.05E-06	0.00E+00	3.24E+02	5.77E-03	2.22E-02	2.56E-01	2.67E-02	4.79E+02	1.09E-07	9.01E-06	1.07E+03	1.79E+01	3.61E-02	9.31E-01	8.51E-01	6.12E+00	2.29E+02	9.85E-01	2.67E-06	4.20E-06	1.08E-01	3.85E-03	2.42E+01	2.65E+00	2.30E+02	6.70E-03	2.30E+02	2.57E+02	2.69E+01	0.00E+00	0.00E+00	0.00E+00	3.66E+01
	HWY044H	4.34E-01	8.87E+00	6.55E-01	8.21E+00	1.91E-06	0.00E+00	2.01E+02	3.60E-03	1.37E-02	1.58E-01	1.64E-02	2.99E+02	6.82E-08	5.62E-06	6.66E+02	1.10E+01	2.22E-02	5.81E-01	5.28E-01	1.70E+00	1.59E+02	6.38E-01	1.66E-06	2.59E-06	6.69E-02	1.47E-03	1.47E+01	1.63E+00	1.60E+02	4.19E-03	1.60E+02	1.76E+02	1.63E+01	0.00E+00	0.00E+00	0.00E+00	2.27E+01
	HWY045H	5.79E-01	1.18E+01	8.73E-01	1.10E+01	2.54E-06	0.00E+00	2.68E+02	4.80E-03	1.82E-02	2.11E-01	2.19E-02	3.99E+02	9.09E-08	7.50E-06	8.88E+02	1.46E+01	2.96E-02	7.75E-01	7.04E-01	2.27E+00	2.13E+02	8.50E-01	2.21E-06	3.46E-06	8.92E-02	1.96E-03	1.96E+01	2.17E+00	2.13E+02	5.59E-03	2.13E+02	2.35E+02	2.18E+01	0.00E+00	0.00E+00	0.00E+00	3.02E+01
	HWY046H	3.08E-01	6.35E+00	4.64E-01	5.89E+00	1.35E-06	0.00E+00	1.42E+02	2.55E-03	9.78E-03	1.13E-01	1.18E-02	2.12E+02	4.84E-08	3.99E-06	4.72E+02	7.82E+00	1.60E-02	4.12E-01	3.74E-01	1.23E+00	1.21E+02	5.09E-01	1.18E-06	1.84E-06	4.77E-02	1.06E-03	1.04E+01	1.17E+00	1.21E+02	3.03E-03	1.21E+02	1.33E+02	1.16E+01	0.00E+00	0.00E+00	0.00E+00	1.61E+01
	HWY047H	4.11E-01	8.47E+00	6.19E-01	7.85E+00	1.80E-06	0.00E+00	1.90E+02	3.40E-03	1.30E-02	1.51E-01	1.57E-02	2.83E+02	6.46E-08	5.31E-06	6.29E+02	1.04E+01	2.13E-02	5.50E-01	4.99E-01	1.64E+00	1.61E+02	6.79E-01	1.57E-06	2.45E-06	6.36E-02	1.41E-03	1.39E+01	1.56E+00	1.62E+02	4.04E-03	1.62E+02	1.77E+02	1.55E+01	0.00E+00	0.00E+00	0.00E+00	2.14E+01
	HWY048H	2.51E-01	5.21E+00	3.78E-01	4.83E+00	1.10E-06	0.00E+00	1.16E+02	2.08E-03	8.04E-03	9.29E-02	9.73E-03	1.73E+02	3.95E-08	3.25E-06	3.84E+02	6.39E+00	1.32E-02	3.36E-01	3.05E-01	1.01E+00	1.04E+02	4.52E-01	9.59E-07	1.50E-06	3.91E-02	8.68E-04	8.52E+00	9.65E-01	1.04E+02	2.46E-03	1.04E+02	1.13E+02	9.48E+00	0.00E+00	0.00E+00	0.00E+00	1.31E+01
	HWY049H	3.35E-01	6.95E+00	5.04E-01	6.44E+00	1.47E-06	0.00E+00	1.55E+02	2.77E-03	1.07E-02	1.24E-01	1.30E-02	2.30E+02	5.27E-08	4.33E-06	5.12E+02	8.51E+00	1.76E-02	4.48E-01	4.07E-01	1.35E+00	1.38E+02	6.02E-01	1.28E-06	2.00E-06	5.21E-02	1.16E-03	1.14E+01	1.29E+00	1.39E+02	3.27E-03	1.39E+02	1.51E+02	1.26E+01	0.00E+00	0.00E+00	0.00E+00	1.75E+01
	HWY068H	6.69E-01	1.33E+01	9.11E-01	1.24E+01	2.93E-06	0.00E+00	3.09E+02	5.52E-03	2.11E-02	2.44E-01	2.61E-02	4.59E+02	1.05E-07	8.63E-06	1.02E+03	1.70E+01	3.53E-02	8.93E-01	8.11E-01	5.12E+00	2.86E+02	7.27E-01	2.56E-06	4.01E-06	1.03E-01	3.58E-03	2.31E+01	2.58E+00	2.87E+02	5.17E-03	2.87E+02	3.13E+02	2.57E+01	0.00E+00	0.00E+00	0.00E+00	3.48E+01
	HWY069H	8.92E-01	1.77E+01	1.21E+00	1.65E+01	3.90E-06	0.00E+00	4.11E+02	7.36E-03	2.81E-02	3.25E-01	3.48E-02	6.12E+02	1.40E-07	1.15E-05	1.36E+03	2.27E+01	4.70E-02	1.19E+00	1.08E+00	6.83E+00	3.81E+02	9.70E-01	3.41E-06	5.35E-06	1.38E-01	4.77E-03	3.08E+01	3.45E+00	3.82E+02	6.90E-03	3.82E+02	4.17E+02	3.43E+01	0.00E+00	0.00E+00	0.00E+00	4.64E+01
	HWY160H	6.63E-01	1.28E+01	8.73E-01	1.19E+01	2.90E-06	0.00E+00	3.05E+02	5.48E-03	2.10E-02	2.42E-01	2.56E-02	4.55E+02	1.04E-07	8.55E-06	1.01E+03	1.68E+01	3.47E-02	8.85E-01	8.01E-01	3.76E+00	2.69E+02	7.16E-01	2.52E-06	3.97E-06	1.02E-01	2.67E-03	2.20E+01	2.54E+00	2.70E+02	5.13E-03	2.70E+02	2.94E+02	2.46E+01	0.00E+00	0.00E+00	0.00E+00	3.44E+01
	HWY161H	8.84E-01	1.70E+01	1.16E+00	1.59E+01	3.87E-06	0.00E+00	4.06E+02	7.30E-03	2.79E-02	3.23E-01	3.42E-02	6.07E+02	1.39E-07	1.14E-05	1.35E+03	2.23E+01	4.63E-02	1.18E+00	1.07E+00	5.02E+00	3.58E+02	9.54E-01	3.36E-06	5.29E-06	1.36E-01	3.57E-03	2.94E+01	3.39E+00	3.59E+02	6.84E-03	3.59E+02	3.92E+02	3.27E+01	0.00E+00	0.00E+00	0.00E+00	4.59E+01
	HWY168H	1.32E+00	2.42E+01	1.62E+00	2.26E+01	5.82E-06	0.00E+00	6.11E+02	1.10E-02	4.05E-02	4.69E-01	4.98E-02	9.13E+02	2.08E-07	1.72E-05	2.03E+03	3.32E+01	6.74E-02	1.77E+00	1.60E+00	2.10E+00	4.46E+02	1.39E+00	5.22E-06	7.89E-06	2.01E-01	1.85E-03	4.03E+01	4.94E+00	4.47E+02	1.29E-02	4.47E+02	4.93E+02	4.53E+01	0.00E+00	0.00E+00	0.00E+00	6.87E+01
	HWY169H	1.77E+00	3.23E+01	2.16E+00	3.01E+01	7.76E-06	0.00E+00	8.14E+02	1.47E-02	5.40E-02	6.25E-01	6.64E-02	1.22E+03	2.77E-07	2.29E-05	2.71E+03	4.42E+01	8.99E-02	2.36E+00	2.13E+00	2.80E+00	5.95E+02	1.85E+00	6.96E-06	1.05E-05	2.69E-01	2.46E-03	5.38E+01	6.58E+00	5.97E+02	1.72E-02	5.97E+02	6.57E+02	6.04E+01	0.00E+00	0.00E+00	0.00E+00	9.16E+01
	HWY040HSA	5.12E-01	9.72E+00	3.44E-01	9.38E+00	2.29E-06	0.00E+00	2.49E+02	4.33E-03	1.09E-02	1.28E-01	2.23E-02	3.59E+02	1.23E-07	6.76E-06	8.00E+02	1.33E+01	3.02E-02	7.01E-01	6.39E-01	4.00E+00	1.65E+02	2.31E+00	2.02E-06	3.02E-06	6.48E-02	2.45E-03	1.69E+01	6.61E+00	1.68E+02	5.02E-03	1.68E+02	1.91E+02	2.35E+01	0.00E+00	0.00E+00	0.00E+00	2.74E+01
	HWY041HSA	6.81E-01	1.29E+01	5.76E-01	1.23E+01	3.05E-06	0.00E+00	3.30E+02	5.77E-03	1.43E-02	1.68E-01	2.91E-02	4.79E+02	1.51E-07	9.01E-06	1.07E+03	1.77E+01	3.93E-02	9.34E-01	8.51E-01	5.26E+00	2.18E+02	2.78E+00	2.69E-06	4.02E-06	8.58E-02	3.24E-03	2.28E+01	7.27E+00	2.20E+02	6.70E-03	2.20E+02	2.51E+02	3.01E+01	0.00E+00	0.00E+00	0.00E+00	3.66E+01
	HWY044HSA	4.24E-01	8.20E+00	2.71E-01	7.93E+00	1.91E-06	0.00E+00	2.08E+02	3.61E-03	9.07E-03	1.06E-01	1.87E-02	2.99E+02	1.10E-07	5.63E-06	6.67E+02	1.09E+01	2.54E-02	5.84E-01	5.30E-01	1.94E+00	1.37E+02	2.19E+00	1.68E-06	2.50E-06	5.38E-02	1.37E-03	1.37E+01	6.25E+00	1.39E+02	4.19E-03	1.39E+02	1.59E+02	1.99E+01	0.00E+00	0.00E+00	0.00E+00	2.28E+01
	HWY045HSA	5.64E-01	1.09E+01	4.80E-01	1.04E+01	2.54E-06	0.00E+00	2.75E+02	4.81E-03	1.19E-02	1.40E-01	2.42E-02	3.99E+02	1.32E-07	7.50E-06	8.89E+02	1.45E+01	3.28E-02	7.78E-01	7.06E-01	2.52E+00	1.80E+02	2.64E+00	2.23E-06	3.32E-06	7.12E-02	1.80E-03	1.85E+01	6.80E+00	1.82E+02	5.59E-03	1.82E+02	2.08E+02	2.53E+01	0.00E+00	0.00E+00	0.00E+00	3.03E+01
	HWY046HSA	3.02E-01	5.97E+00	8.88E-02	5.88E+00	1.35E-06	0.00E+00	1.50E+02	2.56E-03	6.69E-03	7.79E-02	1.41E-02	2.12E+02	8.98E-08	3.99E-06	4.73E+02	7.72E+00	1.91E-02	4.15E-01	3.77E-01	1.55E+00	1.02E+02	2.06E+00	1.20E-06	1.78E-06	3.89E-02	1.02E-03	9.51E+00	5.79E+00	1.04E+02	3.03E-03	1.04E+02	1.20E+02	1.53E+01	0.00E+00	0.00E+00	0.00E+00	1.62E+01
	HWY047HSA	4.01E-01	7.90E+00	2.36E-01	7.66E+00	1.80E-06	0.00E+00	1.97E+02	3.41E-03	8.69E-03	1.02E-01	1.81E-02	2.83E+02	1.06E-07	5.32E-06	6.30E+02	1.03E+01	2.45E-02	5.52E-01	5.02E-01	1.99E+00	1.33E+02	2.46E+00	1.59E-06	2.36E-06	5.13E-02	1.33E-03	1.29E+01	6.19E+00	1.36E+02	4.04E-03	1.36E+02	1.55E+02	1.91E+01	0.00E+00	0.00E+00	0.00E+00	2.16E+01
	HWY048HSA	2.47E-01	4.96E+00	6.49E-03	4.96E+00	1.10E-06	0.00E+00	1.23E+02	2.08E-03	5.62E-03	6.51E-02	1.21E-02	1.73E+02	8.09E-08	3.25E-06	3.85E+02	6.29E+00	1.63E-02	3.39E-01	3.08E-01	1.37E+00	8.65E+01	2.00E+00	9.81E-07	1.45E-06	3.21E-02	8.66E-04	7.63E+00	5.59E+00	8.85E+01	2.46E-03	8.85E+01	1.02E+02	1.32E+01	0.00E+00	0.00E+00	0.00E+00	1.32E+01
	HWY049HSA	3.28E-01	6.56E+00	1.27E-01	6.43E+00	1.47E-06	0.00E+00	1.62E+02	2.78E-03	7.27E-03	8.47E-02	1.53E-02	2.30E+02	9.41E-08	4.33E-06	5.13E+02	8.39E+00	2.08E-02	4.51E-01	4.10E-01	1.76E+00	1.13E+02	2.39E+00	1.30E-06	1.93E-06	4.23E-02	1.12E-03	1.04E+01	5.91E+00	1.15E+02	3.27E-03	1.15E+02	1.31E+02	1.63E+01	0.00E+00	0.00E+00	0.00E+00	1.76E+01
	HWY058HSA	2.46E-01	4.79E+00	1.64E-01	4.63E+00	1.12E-06	0.00E+00	1.22E+02	2.11E-03	5.35E-03	6.28E-02	1.08E-02	1.78E+02	6.17E-08	3.30E-06	3.91E+02	6.49E+00	1.46E-02	3.42E-01	3.13E-01	2.12E+00	7.73E+01	3.48E-01	1.06E-06	1.53E-06	3.18E-02	1.43E-03	8.50E+00	3.35E+00	7.77E+01	2.01E-03	7.77E+01	8.95E+01	1.18E+01	0.00E+00	0.00E+00	0.00E+00	1.34E+01
	HWY059HSA	3.27E-01	6.36E+00	2.80E-01	6.08E+00	1.49E-06	0.00E+00	1.61E+02	2.82E-03	7.01E-03	8.27E-02	1.40E-02	2.37E+02	7.50E-08	4.40E-06	5.21E+02	8.65E+00	1.89E-02	4.55E-01	4.17E-01	2.79E+00	1.02E+02	4.38E-01	1.41E-06	2.04E-06	4.21E-02	1.89E-03	1.14E+01	3.67E+00	1.02E+02	2.68E-03	1.02E+02	1.17E+02	1.51E+01	0.00E+00	0.00E+00	0.00E+00	1.79E+01
	HWY068HSA	6.41E-01	1.26E+01	3.57E-01	1.23E+01	2.93E-06	0.00E+00	3.21E+02	5.53E-03	1.42E-02	1.66E-01	3.06E-02	4.59E+02	1.74E-07	8.64E-06	1.02E+03	1.89E+01	4.14E-02	8.98E-01	8.22E-01	5.88E+00	2.86E+02	4.19E+00	2.58E-06	3.87E-06	8.34E-02	3.92E-03	2.21E+01	1.02E+01	2.90E+02	5.17E-03	2.90E+02	3.23E+02	3.23E+01	0.00E+00	0.00E+00	0.00E+00	3.53E+01
	HWY069HSA	8.52E-01	1.63E+01	6.30E-01	1.56E+01	3.90E-06	0.00E+00	4.23E+02	7.37E-03	1.83E-02	2.15E-01	3.93E-02	6.12E+02	2.09E-07	1.15E-05	1.36E+03	2.44E+01	5.32E-02	1.20E+00	1.09E+00	6.30E+00	3.70E+02	4.54E+00	3.42E-06	5.13E-06	1.10E-01	4.26E-03	2.89E+01	1.10E+01	3.75E+02	6.90E-03	3.75E+02	4.15E+02	4.00E+01	0.00E+00	0.00E+00	0.00E+00	4.68E+01
	HWY158HSA	6.31E-01	1.16E+01	6.87E-01	1.09E+01	2.90E-06	0.00E+00	3.08E+02	5.48E-03	1.30E-02	1.54E-01	2.67E-02	4.55E+02	1.26E-07	8.56E-06	1.01E+03	1.68E+01	3.62E-02	8.86E-01	8.02E-01	3.84E+00	2.57E+02	7.93E-01	2.53E-06	3.79E-06	7.98E-02	2.69E-03	2.17E+01	4.93E+00	2.57E+02	5.13E-03	2.57E+02	2.84E+02	2.66E+01	0.00E+00	0.00E+00	0.00E+00	3.45E+01
	HWY159HSA	8.41E-01	1.55E+01	9.78E-01	1.45E+01	3.87E-06	0.00E+00	4.09E+02	7.30E-03	1.72E-02	2.04E-01	3.53E-02	6.07E+02	1.61E-07	1.14E-05	1.35E+03	2.23E+01	4.78E-02	1.18E+00	1.07E+00	5.08E+00	3.41E+02	1.03E+00	3.37E-06	5.06E-06	1.06E-01	3.57E-03	2.90E+01	5.78E+00	3.42E+02	6.84E-03	3.42E+02	3.77E+02	3.48E+01	0.00E+00	0.00E+00	0.00E+00	4.59E+01
	HWY160HSA	6.45E-01	1.27E+01	3.79E-01	1.23E+01	2.94E-06	0.00E+00	3.23E+02	5.57E-03	1.42E-02	1.66E-01	3.06E-02	4.62E+02	1.74E-07	8.69E-06	1.03E+03	1.90E+01	4.15E-02	9.03E-01	8.27E-01	5.91E+00	2.87E+02	4.19E+00	2.59E-06	3.89E-06	8.39E-02	3.94E-03	2.23E+01	1.00E+01	2.91E+02	5.21E-03	2.91E+02	3.23E+02	3.23E+01	0.00E+00	0.00E+00	0.00E+00	3.55E+01
	HWY161HSA	8.59E-01	1.67E+01	6.85E-01	1.60E+01	3.93E-06	0.00E+00	4.26E+02	7.42E-03	1.86E-02	2.18E-01	3.94E-02	6.16E+02	2.09E-07	1.16E-05	1.37E+03	2.47E+01	5.33E-02	1.20E+00	1.10E+00	7.62E+00	3.78E+02	4.55E+00	3.45E-06	5.18E-06	1.11E-01	5.13E-03	3.00E+01	1.09E+01	3.82E+02	6.94E-03	3.82E+02	4.23E+02	4.09E+01	0.00E+00	0.00E+00	0.00E+00	4.72E+01
	HWY168HSA	1.27E+00	2.24E+01	1.06E+00	2.14E+01	5.82E-06	0.00E+00	6.23E+02	1.10E-02	2.58E-02	3.06E-01	5.45E-02	9.13E+02	2.76E-07	1.72E-05	2.03E+03	3.50E+01	7.38E-02	1.78E+00	1.61E+00	2.84E+00	4.41E+02	4.86E+00	5.24E-06	7.58E-06	1.60E-01	2.18E-03	3.93E+01	1.25E+01	4.46E+02	1.29E-02	4.46E+02	4.98E+02	5.19E+01	0.00E+00	0.00E+00	0.00E+00	6.92E+01
	HWY169HSA	1.69E+00	2.97E+01	1.60E+00	2.81E+01	7.76E-06	0.00E+00	8.26E+02	1.47E-02	3.40E-02	4.04E-01	7.12E-02	1.22E+03	3.45E-07	2.29E-05	2.71E+03	4.61E+01	9.64E-02	2.37E+00	2.14E+00	3.52E+00	5.83E+02	5.43E+00	6.98E-06	1.01E-05	2.12E-01	2.78E-03	5.28E+01	1.42E+01	5.89E+02	1.72E-02	5.89E+02	6.56E+02	6.70E+01	0.00E+00	0.00E+00	0.00E+00	9.21E+01
	HWY140HSA	1.16E-01	1.63E+01	-2.83E-01	1.66E+01	0.00E+00	0.00E+00	1.77E+01	1.01E-05	1.74E-02	1.88E-01	2.17E-02	3.63E-02	4.37E-08	1.29E-07	2.44E+00	1.34E-01	2.93E-02	6.98E-01	1.40E-01	2.43E+00	1.13E+03	2.29E+00	4.88E-08	4.56E-07	5.92E-02	1.24E-03	1.37E+00	5.19E+00	1.14E+03	9.76E-04	1.14E+03	1.14E+03	6.56E+00	0.00E+00	0.00E+00	0.00E+00	6.02E+00
	HWY141HSA	1.53E-01	2.16E+01	-2.96E-01	2.19E+01	0.00E+00	0.00E+00	2.18E+01	1.19E-05	2.30E-02	2.49E-01	2.83E-02	3.84E-02	4.89E-08	1.72E-07	2.48E+00	1.79E-01	3.84E-02	9.30E-01	1.86E-01	3.19E+00	1.51E+03	2.77E+00	5.79E-08	6.01E-07	7.83E-02	1.64E-03	1.82E+00	5.86E+00	1.51E+03	1.30E-03	1.51E+03	1.52E+03	7.68E+00	0.00E+00	0.00E+00	0.00E+00	7.99E+00
	HWY144HSA	9.23E-02	1.34E+01	-2.78E-01	1.36E+01	0.00E+00	0.00E+00	1.55E+01	9.16E-06	1.37E-02	1.48E-01	1.81E-02	3.53E-02	4.09E-08	1.07E-07	2.42E+00	1.08E-01	2.45E-02	5.83E-01	1.17E-01	1.87E+00	9.43E+02	2.18E+00	4.33E-08	3.64E-07	4.70E-02	1.01E-03	1.10E+00	4.84E+00	9.45E+02	8.20E-04	9.45E+02	9.51E+02	5.94E+00	0.00E+00	0.00E+00	0.00E+00	5.01E+00
	HWY145HSA	1.27E-01	1.84E+01	-2.88E-01	1.86E+01	0.00E+00	0.00E+00	2.01E+01	1.08E-05	1.85E-02	2.01E-01	2.36E-02	5.61E-02	4.53E-08	1.45E-07	2.54E+00	1.45E-01	3.20E-02	7.77E-01	1.56E-01	2.56E+00	1.26E+03	2.63E+00	5.41E-08	5.03E-07	6.38E-02	1.32E-03	2.53E+00	5.39E+00	1.27E+03	1.09E-03	1.27E+03	1.27E+03	7.92E+00	0.00E+00	0.00E+00	0.00E+00	6.69E+00
	HWY150HSA	5.58E-02	7.91E+00	-2.65E-01	8.18E+00	0.00E+00	0.00E+00	1.15E+01	7.51E-06	8.35E-03	9.01E-02	1.14E-02	3.34E-02	3.57E-08	6.38E-08	2.38E+00	6.68E-02	1.54E-02	3.36E-01	6.87E-02	1.30E+00	5.50E+02	1.99E+00	3.51E-08	2.24E-07	2.84E-02	6.43E-04	6.93E-01	4.17E+00	5.52E+02	5.22E-04	5.52E+02	5.57E+02	4.87E+00	0.00E+00	0.00E+00	0.00E+00	2.95E+00
	HWY151HSA	7.79E-02	1.11E+01	-2.71E-01	1.14E+01	0.00E+00	0.00E+00	1.48E+01	8.64E-06	1.14E-02	1.24E-01	1.46E-02	5.35E-02	3.83E-08	8.79E-08	2.49E+00	9.08E-02	1.98E-02	4.47E-01	9.17E-02	1.80E+00	7.40E+02	2.38E+00	4.32E-08	3.17E-07	3.89E-02	8.39E-04	1.98E+00	4.50E+00	7.42E+02	6.96E-04	7.42E+02	7.49E+02	6.48E+00	0.00E+00	0.00E+00	0.00E+00	3.94E+00
	HWY162H	7.57E-01	1.52E+01	1.03E+00	1.41E+01	3.30E-06	0.00E+00	3.50E+02	6.24E-03	2.42E-02	2.80E-01	2.92E-02	5.18E+02	1.19E-07	9.74E-06	1.15E+03	1.92E+01	3.95E-02	1.01E+00	9.17E-01	5.78E+00	3.15E+02	8.14E-01	2.89E-06	4.54E-06	1.18E-01	4.03E-03	2.61E+01	2.89E+00	3.16E+02	7.44E-03	3.16E+02	3.45E+02	2.90E+01	0.00E+00	0.00E+00	0.00E+00	3.94E+01
	HWY162HSA	7.25E-01	1.43E+01	4.59E-01	1.38E+01	3.30E-06	0.00E+00	3.62E+02	6.25E-03	1.60E-02	1.88E-01	3.36E-02	5.18E+02	1.87E-07	9.75E-06	1.15E+03	2.10E+01	4.55E-02	1.01E+00	9.27E-01	5.51E+00	3.13E+02	4.27E+00	2.90E-06	4.36E-06	9.44E-02	3.65E-03	2.49E+01	1.04E+01	3.17E+02	7.44E-03	3.17E+02	3.52E+02	3.52E+01	0.00E+00	0.00E+00	0.00E+00	3.98E+01
	HWY163H	1.01E+00	2.02E+01	1.37E+00	1.89E+01	4.41E-06	0.00E+00	4.67E+02	8.31E-03	3.23E-02	3.73E-01	3.89E-02	6.91E+02	1.58E-07	1.30E-05	1.54E+03	2.56E+01	5.27E-02	1.34E+00	1.22E+00	7.70E+00	4.20E+02	1.09E+00	3.85E-06	6.05E-06	1.57E-01	5.37E-03	3.48E+01	3.86E+00	4.22E+02	9.91E-03	4.22E+02	4.60E+02	3.86E+01	0.00E+00	0.00E+00	0.00E+00	5.25E+01
	HWY163HSA	9.65E-01	1.88E+01	7.94E-01	1.80E+01	4.41E-06	0.00E+00	4.78E+02	8.32E-03	2.09E-02	2.46E-01	4.34E-02	6.91E+02	2.26E-07	1.30E-05	1.54E+03	2.73E+01	5.87E-02	1.35E+00	1.23E+00	7.06E+00	4.10E+02	4.66E+00	3.86E-06	5.80E-06	1.25E-01	4.75E-03	3.33E+01	1.13E+01	4.15E+02	9.91E-03	4.15E+02	4.59E+02	4.46E+01	0.00E+00	0.00E+00	0.00E+00	5.29E+01
Distribution A4	HW1M312DB	6.93E-02	1.02E+01	0.00E+00	1.02E+01	0.00E+00	0.00E+00	6.72E+00	3.85E-06	3.05E-02	3.34E-01	0.00E+00	0.00E+00	1.80E-10	3.49E-09	2.50E-02	0.00E+00	0.00E+00	0.00E+00	9.07E-04	3.60E-01	1.43E+02	0.00E+00	1.57E-08	5.29E-07	8.43E-02	2.57E-04	1.91E-01	0.00E+00	1.43E+02	4.04E-07	1.43E+02	1.43E+02	1.91E-01	0.00E+00	0.00E+00	0.00E+00	3.90E-02
	HF1E316DCGH-MTS	5.87E-02	9.25E+00	0.00E+00	9.25E+00	0.00E+00	0.00E+00	6.07E+00	3.47E-06	2.75E-02	3.02E-01	0.00E+00	0.00E+00	1.63E-10	3.15E-09	2.26E-02	0.00E+00	0.00E+00	0.00E+00	8.19E-04	3.25E-01	1.29E+02	0.00E+00	1.42E-08	4.77E-07	7.61E-02	2.32E-04	1.72E-01	0.00E+00	1.29E+02	3.65E-07	1.29E+02	1.29E+02	1.72E-01	0.00E+00	0.00E+00	0.00E+00	3.52E-02
	HF1E316DEGH-MTS	5.87E-02	9.25E+00	0.00E+00	9.25E+00	0.00E+00	0.00E+00	6.07E+00	3.47E-06	2.75E-02	3.02E-01	0.00E+00	0.00E+00	1.63E-10	3.15E-09	2.26E-02	0.00E+00	0.00E+00	0.00E+00	8.19E-04	3.25E-01	1.29E+02	0.00E+00	1.42E-08	4.77E-07	7.61E-02	2.32E-04	1.72E-01	0.00E+00	1.29E+02	3.65E-07	1.29E+02	1.29E+02	1.72E-01	0.00E+00	0.00E+00	0.00E+00	3.52E-02
	HF1E316FCGH-MTS	3.83E-02	6.04E+00	0.00E+00	6.04E+00	0.00E+00	0.00E+00	3.96E+00	2.27E-06	1.80E-02	1.97E-01	0.00E+00	0.00E+00	1.06E-10	2.06E-09	1.47E-02	0.00E+00	0.00E+00	0.00E+00	5.35E-04	2.12E-01	8.44E+01	0.00E+00	9.28E-09	3.12E-07	4.97E-02	1.51E-04	1.13E-01	0.00E+00	8.44E+01	2.38E-07	8.44E+01	8.45E+01	1.13E-01	0.00E+00	0.00E+00	0.00E+00	2.30E-02
	HF1E316FEGH-MTS	3.83E-02	6.04E+00	0.00E+00	6.04E+00	0.00E+00	0.00E+00	3.96E+00	2.27E-06	1.80E-02	1.97E-01	0.00E+00	0.00E+00	1.06E-10	2.06E-09	1.47E-02	0.00E+00	0.00E+00	0.00E+00	5.35E-04	2.12E-01	8.44E+01	0.00E+00	9.28E-09	3.12E-07	4.97E-02	1.51E-04	1.13E-01	0.00E+00	8.44E+01	2.38E-07	8.44E+01	8.45E+01	1.13E-01	0.00E+00	0.00E+00	0.00E+00	2.30E-02
	HF1E416DCGH-MTS	6.87E-02	1.08E+01	0.00E+00	1.08E+01	0.00E+00	0.00E+00	7.11E+00	4.07E-06	3.22E-02	3.53E-01	0.00E+00	0.00E+00	1.91E-10	3.69E-09	2.64E-02	0.00E+00	0.00E+00	0.00E+00	9.59E-04	3.81E-01	1.51E+02	0.00E+00	1.66E-08	5.59E-07	8.91E-02	2.71E-04	2.02E-01	0.00E+00	1.51E+02	4.27E-07	1.51E+02	1.52E+02	2.02E-01	0.00E+00	0.00E+00	0.00E+00	4.12E-02
	HF1E416DEGH-MTS	6.87E-02	1.08E+01	0.00E+00	1.08E+01	0.00E+00	0.00E+00	7.11E+00	4.07E-06	3.22E-02	3.53E-01	0.00E+00	0.00E+00	1.91E-10	3.69E-09	2.64E-02	0.00E+00	0.00E+00	0.00E+00	9.59E-04	3.81E-01	1.51E+02	0.00E+00	1.66E-08	5.59E-07	8.91E-02	2.71E-04	2.02E-01	0.00E+00	1.51E+02	4.27E-07	1.51E+02	1.52E+02	2.02E-01	0.00E+00	0.00E+00	0.00E+00	4.12E-02
	HF1E416FCGH-MTS	4.39E-02	6.92E+00	0.00E+00	6.92E+00	0.00E+00	0.00E+00	4.54E+00	2.60E-06	2.06E-02	2.26E-01	0.00E+00	0.00E+00	1.22E-10	2.36E-09	1.69E-02	0.00E+00	0.00E+00	0.00E+00	6.13E-04	2.43E-01	9.67E+01	0.00E+00	1.06E-08	3.57E-07	5.70E-02	1.73E-04	1.29E-01	0.00E+00	9.67E+01	2.73E-07	9.67E+01	9.69E+01	1.29E-01	0.00E+00	0.00E+00	0.00E+00	2.63E-02
	HF1E416FEGH-MTS	4.39E-02	6.92E+00	0.00E+00	6.92E+00	0.00E+00	0.00E+00	4.54E+00	2.60E-06	2.06E-02	2.26E-01	0.00E+00	0.00E+00	1.22E-10	2.36E-09	1.69E-02	0.00E+00	0.00E+00	0.00E+00	6.13E-04	2.43E-01	9.67E+01	0.00E+00	1.06E-08	3.57E-07	5.70E-02	1.73E-04	1.29E-01	0.00E+00	9.67E+01	2.73E-07	9.67E+01	9.69E+01	1.29E-01	0.00E+00	0.00E+00	0.00E+00	2.63E-02
	HF1W316DSAH-MTS	5.86E-02	9.25E+00	0.00E+00	9.25E+00	0.00E+00	0.00E+00	6.06E+00	3.47E-06	2.75E-02	3.02E-01	0.00E+00	0.00E+00	1.63E-10	3.15E-09	2.26E-02	0.00E+00	0.00E+00	0.00E+00	8.19E-04	3.25E-01	1.29E+02	0.00E+00	1.42E-08	4.77E-07	7.61E-02	2.31E-04	1.72E-01	0.00E+00	1.29E+02	3.65E-07	1.29E+02	1.29E+02	1.72E-01	0.00E+00	0.00E+00	0.00E+00	3.52E-02
	HF1W316FSAH-MTS	3.72E-02	5.86E+00	0.00E+00	5.86E+00	0.00E+00	0.00E+00	3.85E+00	2.20E-06	1.74E-02	1.91E-01	0.00E+00	0.00E+00	1.03E-10	2.00E-09	1.43E-02	0.00E+00	0.00E+00	0.00E+00	5.19E-04	2.06E-01	8.19E+01	0.00E+00	9.00E-09	3.02E-07	4.82E-02	1.47E-04	1.09E-01	0.00E+00	8.19E+01	2.31E-07	8.19E+01	8.20E+01	1.09E-01	0.00E+00	0.00E+00	0.00E+00	2.23E-02
	HF1W416DSAH-MTS	6.76E-02	1.07E+01	0.00E+00	1.07E+01	0.00E+00	0.00E+00	6.99E+00	4.00E-06	3.17E-02	3.47E-01	0.00E+00	0.00E+00	1.87E-10	3.63E-09	2.60E-02	0.00E+00	0.00E+00	0.00E+00	9.43E-04	3.75E-01	1.49E+02	0.00E+00	1.64E-08	5.50E-07	8.76E-02	2.67E-04	1.99E-01	0.00E+00	1.49E+02	4.20E-07	1.49E+02	1.49E+02	1.99E-01	0.00E+00	0.00E+00	0.00E+00	4.05E-02
	HF1W412FSAF-MTS	4.33E-02	6.83E+00	0.00E+00	6.83E+00	0.00E+00	0.00E+00	4.48E+00	2.57E-06	2.03E-02	2.23E-01	0.00E+00	0.00E+00	1.20E-10	2.33E-09	1.67E-02	0.00E+00	0.00E+00	0.00E+00	6.05E-04	2.40E-01	9.55E+01	0.00E+00	1.05E-08	3.52E-07	5.62E-02	1.71E-04	1.27E-01	0.00E+00	9.55E+01	2.69E-07	9.55E+01	9.56E+01	1.27E-01	0.00E+00	0.00E+00	0.00E+00	2.60E-02
	HF1M412FCFF-MTS	4.56E-02	7.19E+00	0.00E+00	7.19E+00	0.00E+00	0.00E+00	4.72E+00	2.70E-06	2.14E-02	2.34E-01	0.00E+00	0.00E+00	1.27E-10	2.45E-09	1.75E-02	0.00E+00	0.00E+00	0.00E+00	6.36E-04	2.53E-01	1.00E+02	0.00E+00	1.10E-08	3.71E-07	5.91E-02	1.80E-04	1.34E-01	0.00E+00	1.00E+02	2.83E-07	1.00E+02	1.01E+02	1.34E-01	0.00E+00	0.00E+00	0.00E+00	2.73E-02
	HF1W416FSAF-MTS	4.33E-02	6.83E+00	0.00E+00	6.83E+00	0.00E+00	0.00E+00	4.48E+00	2.57E-06	2.03E-02	2.23E-01	0.00E+00	0.00E+00	1.20E-10	2.33E-09	1.67E-02	0.00E+00	0.00E+00	0.00E+00	6.05E-04	2.40E-01	9.55E+01	0.00E+00	1.05E-08	3.52E-07	5.62E-02	1.71E-04	1.27E-01	0.00E+00	9.55E+01	2.69E-07	9.55E+01	9.56E+01	1.27E-01	0.00E+00	0.00E+00	0.00E+00	2.60E-02
	HF1M416FCGF-MTS	4.56E-02	7.19E+00	0.00E+00	7.19E+00	0.00E+00	0.00E+00	4.72E+00	2.70E-06	2.14E-02	2.34E-01	0.00E+00	0.00E+00	1.27E-10	2.45E-09	1.75E-02	0.00E+00	0.00E+00	0.00E+00	6.36E-04	2.53E-01	1.00E+02	0.00E+00	1.10E-08	3.71E-07	5.91E-02	1.80E-04	1.34E-01	0.00E+00	1.00E+02	2.83E-07	1.00E+02	1.01E+02	1.34E-01	0.00E+00	0.00E+00	0.00E+00	2.73E-02
	HF1W416FSAH-MTS	4.05E-02	6.39E+00	0.00E+00	6.39E+00	0.00E+00	0.00E+00	4.19E+00	2.40E-06	1.90E-02	2.08E-01	0.00E+00	0.00E+00	1.12E-10	2.18E-09	1.56E-02	0.00E+00	0.00E+00	0.00E+00	5.66E-04	2.25E-01	8.93E+01	0.00E+00	9.81E-09	3.30E-07	5.26E-02	1.60E-04	1.19E-01	0.00E+00	8.93E+01	2.52E-07	8.93E+01	8.94E+01	1.19E-01	0.00E+00	0.00E+00	0.00E+00	2.43E-02
	HW1E304DB	6.75E-02	1.06E+01	0.00E+00	1.06E+01	0.00E+00	0.00E+00	6.98E+00	4.00E-06	3.16E-02	3.47E-01	0.00E+00	0.00E+00	1.87E-10	3.62E-09	2.60E-02	0.00E+00	0.00E+00	0.00E+00	9.43E-04	3.74E-01	1.49E+02	0.00E+00	1.63E-08	5.49E-07	8.76E-02	2.67E-04	1.98E-01	0.00E+00	1.49E+02	4.20E-07	1.49E+02	1.49E+02	1.98E-01	0.00E+00	0.00E+00	0.00E+00	4.05E-02
	HW1E304DE	7.06E-02	1.11E+01	0.00E+00	1.11E+01	0.00E+00	0.00E+00	7.31E+00	4.18E-06	3.31E-02	3.63E-01	0.00E+00	0.00E+00	1.96E-10	3.79E-09	2.72E-02	0.00E+00	0.00E+00	0.00E+00	9.86E-04	3.92E-01	1.56E+02	0.00E+00	1.71E-08	5.75E-07	9.16E-02	2.79E-04	2.08E-01	0.00E+00	1.56E+02	4.39E-07	1.56E+02	1.56E+02	2.08E-01	0.00E+00	0.00E+00	0.00E+00	4.24E-02
	HW1E304FB	4.42E-02	6.97E+00	0.00E+00	6.97E+00	0.00E+00	0.00E+00	4.57E+00	2.62E-06	2.07E-02	2.27E-01	0.00E+00	0.00E+00	1.23E-10	2.37E-09	1.70E-02	0.00E+00	0.00E+00	0.00E+00	6.17E-04	2.45E-01	9.73E+01	0.00E+00	1.07E-08	3.59E-07	5.73E-02	1.74E-04	1.30E-01	0.00E+00	9.73E+01	2.75E-07	9.73E+01	9.74E+01	1.30E-01	0.00E+00	0.00E+00	0.00E+00	2.65E-02
	HW1E304FE	4.42E-02	6.97E+00	0.00E+00	6.97E+00	0.00E+00	0.00E+00	4.57E+00	2.62E-06	2.07E-02	2.27E-01	0.00E+00	0.00E+00	1.23E-10	2.37E-09	1.70E-02	0.00E+00	0.00E+00	0.00E+00	6.17E-04	2.45E-01	9.73E+01	0.00E+00	1.07E-08	3.59E-07	5.73E-02	1.74E-04	1.30E-01	0.00E+00	9.73E+01	2.75E-07	9.73E+01	9.74E+01	1.30E-01	0.00E+00	0.00E+00	0.00E+00	2.65E-02
	HW1E306DB	6.75E-02	1.06E+01	0.00E+00	1.06E+01	0.00E+00	0.00E+00	6.98E+00	4.00E-06	3.16E-02	3.47E-01	0.00E+00	0.00E+00	1.87E-10	3.62E-09	2.60E-02	0.00E+00	0.00E+00	0.00E+00	9.43E-04	3.74E-01	1.49E+02	0.00E+00	1.63E-08	5.49E-07	8.76E-02	2.67E-04	1.98E-01	0.00E+00	1.49E+02	4.20E-07	1.49E+02	1.49E+02	1.98E-01	0.00E+00	0.00E+00	0.00E+00	4.05E-02
	HW1E306DE	6.58E-02	1.04E+01	0.00E+00	1.04E+01	0.00E+00	0.00E+00	6.81E+00	3.90E-06	3.09E-02	3.39E-01	0.00E+00	0.00E+00	1.83E-10	3.53E-09	2.53E-02	0.00E+00	0.00E+00	0.00E+00	9.19E-04	3.65E-01	1.45E+02	0.00E+00	1.59E-08	5.35E-07	8.54E-02	2.60E-04	1.94E-01	0.00E+00	1.45E+02	4.09E-07	1.45E+02	1.45E+02	1.94E-01	0.00E+00	0.00E+00	0.00E+00	3.95E-02
	HW1E306FB	4.42E-02	6.97E+00	0.00E+00	6.97E+00	0.00E+00	0.00E+00	4.57E+00	2.62E-06	2.07E-02	2.27E-01	0.00E+00	0.00E+00	1.23E-10	2.37E-09	1.70E-02	0.00E+00	0.00E+00	0.00E+00	6.17E-04	2.45E-01	9.73E+01	0.00E+00	1.07E-08	3.59E-07	5.73E-02	1.74E-04	1.30E-01	0.00E+00	9.73E+01	2.75E-07	9.73E+01	9.74E+01	1.30E-01	0.00E+00	0.00E+00	0.00E+00	2.65E-02
	HW1E306FE	4.42E-02	6.97E+00	0.00E+00	6.97E+00	0.00E+00	0.00E+00	4.57E+00	2.62E-06	2.07E-02	2.27E-01	0.00E+00	0.00E+00	1.23E-10	2.37E-09	1.70E-02	0.00E+00	0.00E+00	0.00E+00	6.17E-04	2.45E-01	9.73E+01	0.00E+00	1.07E-08	3.59E-07	5.73E-02	1.74E-04	1.30E-01	0.00E+00	9.73E+01	2.75E-07	9.73E+01	9.74E+01	1.30E-01	0.00E+00	0.00E+00	0.00E+00	2.65E-02
	HW1E308DB	6.75E-02	1.06E+01	0.00E+00	1.06E+01	0.00E+00	0.00E+00	6.98E+00	4.00E-06	3.16E-02	3.47E-01	0.00E+00	0.00E+00	1.87E-10	3.62E-09	2.60E-02	0.00E+00	0.00E+00	0.00E+00	9.43E-04	3.74E-01	1.49E+02	0.00E+00	1.63E-08	5.49E-07	8.76E-02	2.67E-04	1.98E-01	0.00E+00	1.49E+02	4.20E-07	1.49E+02	1.49E+02	1.98E-01	0.00E+00	0.00E+00	0.00E+00	4.05E-02
	HW1E308DE	6.58E-02	1.04E+01	0.00E+00	1.04E+01	0.00E+00	0.00E+00	6.81E+00	3.90E-06	3.09E-02	3.39E-01	0.00E+00	0.00E+00	1.83E-10	3.53E-09	2.53E-02	0.00E+00	0.00E+00	0.00E+00	9.19E-04	3.65E-01	1.45E+02	0.00E+00	1.59E-08	5.35E-07	8.54E-02	2.60E-04	1.94E-01	0.00E+00	1.45E+02	4.09E-07	1.45E+02	1.45E+02	1.94E-01	0.00E+00	0.00E+00	0.00E+00	3.95E-02
	HW1E308FB	4.42E-02	6.97E+00	0.00E+00	6.97E+00	0.00E+00	0.00E+00	4.57E+00	2.62E-06	2.07E-02	2.27E-01	0.00E+00	0.00E+00	1.23E-10	2.37E-09	1.70E-02	0.00E+00	0.00E+00	0.00E+00	6.17E-04	2.45E-01	9.73E+01	0.00E+00	1.07E-08	3.59E-07	5.73E-02	1.74E-04	1.30E-01	0.00E+00	9.73E+01	2.75E-07	9.73E+01	9.74E+01	1.30E-01	0.00E+00	0.00E+00	0.00E+00	2.65E-02
	HW1E308FE	4.42E-02	6.97E+00	0.00E+00	6.97E+00	0.00E+00	0.00E+00	4.57E+00	2.62E-06	2.07E-02	2.27E-01	0.00E+00	0.00E+00	1.23E-10	2.37E-09	1.70E-02	0.00E+00	0.00E+00	0.00E+00	6.17E-04	2.45E-01	9.73E+01	0.00E+00	1.07E-08	3.59E-07	5.73E-02	1.74E-04	1.30E-01	0.00E+00	9.73E+01	2.75E-07	9.73E+01	9.74E+01	1.30E-01	0.00E+00	0.00E+00	0.00E+00	2.65E-02
	HW1E310DB	6.75E-02	1.06E+01	0.00E+00	1.06E+01	0.00E+00	0.00E+00	6.98E+00	4.00E-06	3.16E-02	3.47E-01	0.00E+00	0.00E+00	1.87E-10	3.62E-09	2.60E-02	0.00E+00	0.00E+00	0.00E+00	9.43E-04	3.74E-01	1.49E+02	0.00E+00	1.63E-08	5.49E-07	8.76E-02	2.67E-04	1.98E-01	0.00E+00	1.49E+02	4.20E-07	1.49E+02	1.49E+02	1.98E-01	0.00E+00	0.00E+00	0.00E+00	4.05E-02
	HW1E310DE	7.06E-02	1.11E+01	0.00E+00	1.11E+01	0.00E+00	0.00E+00	7.31E+00	4.18E-06	3.31E-02	3.63E-01	0.00E+00	0.00E+00	1.96E-10	3.79E-09	2.72E-02	0.00E+00	0.00E+00	0.00E+00	9.86E-04	3.92E-01	1.56E+02	0.00E+00	1.71E-08	5.75E-07	9.16E-02	2.79E-04	2.08E-01	0.00E+00	1.56E+02	4.39E-07	1.56E+02	1.56E+02	2.08E-01	0.00E+00	0.00E+00	0.00E+00	4.24E-02
	HW1E310FB	4.42E-02	6.97E+00	0.00E+00	6.97E+00	0.00E+00	0.00E+00	4.57E+00	2.62E-06	2.07E-02	2.27E-01	0.00E+00	0.00E+00	1.23E-10	2.37E-09	1.70E-02	0.00E+00	0.00E+00	0.00E+00	6.17E-04	2.45E-01	9.73E+01	0.00E+00	1.07E-08	3.59E-07	5.73E-02	1.74E-04	1.30E-01	0.00E+00	9.73E+01	2.75E-07	9.73E+01	9.74E+01	1.30E-01	0.00E+00	0.00E+00	0.00E+00	2.65E-02
	HW1E310FE	1.56E-02	2.47E+00	0.00E+00	2.47E+00	0.00E+00	0.00E+00	1.62E+00	9.26E-07	7.33E-03	8.04E-02	0.00E+00	0.00E+00	4.34E-11	8.40E-10	6.01E-03	0.00E+00	0.00E+00	0.00E+00	2.18E-04	8.67E-02	3.45E+01	0.00E+00	3.79E-09	1.27E-07	2.03E-02	6.17E-05	4.60E-02	0.00E+00	3.45E+01	9.72E-08	3.45E+01	3.45E+01	4.60E-02	0.00E+00	0.00E+00	0.00E+00	9.38E-03
	HW1E312DB	6.75E-02	1.06E+01	0.00E+00	1.06E+01	0.00E+00	0.00E+00	6.98E+00	4.00E-06	3.16E-02	3.47E-01	0.00E+00	0.00E+00	1.87E-10	3.62E-09	2.60E-02	0.00E+00	0.00E+00	0.00E+00	9.43E-04	3.74E-01	1.49E+02	0.00E+00	1.63E-08	5.49E-07	8.76E-02	2.67E-04	1.98E-01	0.00E+00	1.49E+02	4.20E-07	1.49E+02	1.49E+02	1.98E-01	0.00E+00	0.00E+00	0.00E+00	4.05E-02
	HW1E312DE	6.58E-02	1.04E+01	0.00E+00	1.04E+01	0.00E+00	0.00E+00	6.81E+00	3.90E-06	3.09E-02	3.39E-01	0.00E+00	0.00E+00	1.83E-10	3.53E-09	2.53E-02	0.00E+00	0.00E+00	0.00E+00	9.19E-04	3.65E-01	1.45E+02	0.00E+00	1.59E-08	5.35E-07	8.54E-02	2.60E-04	1.94E-01	0.00E+00	1.45E+02	4.09E-07	1.45E+02	1.45E+02	1.94E-01	0.00E+00	0.00E+00	0.00E+00	3.95E-02
	HW1E312FB	4.42E-02	6.97E+00	0.00E+00	6.97E+00	0.00E+00	0.00E+00	4.57E+00	2.62E-06	2.07E-02	2.27E-01	0.00E+00	0.00E+00	1.23E-10	2.37E-09	1.70E-02	0.00E+00	0.00E+00	0.00E+00	6.17E-04	2.45E-01	9.73E+01	0.00E+00	1.07E-08	3.59E-07	5.73E-02	1.74E-04	1.30E-01	0.00E+00	9.73E+01	2.75E-07	9.73E+01	9.74E+01	1.30E-01	0.00E+00	0.00E+00	0.00E+00	2.65E-02
	HW1E312FE	4.42E-02	6.97E+00	0.00E+00	6.97E+00	0.00E+00	0.00E+00	4.57E+00	2.62E-06	2.07E-02	2.27E-01	0.00E+00	0.00E+00	1.23E-10	2.37E-09	1.70E-02	0.00E+00	0.00E+00	0.00E+00	6.17E-04	2.45E-01	9.73E+01	0.00E+00	1.07E-08	3.59E-07	5.73E-02	1.74E-04	1.30E-01	0.00E+00	9.73E+01	2.75E-07	9.73E+01	9.74E+01	1.30E-01	0.00E+00	0.00E+00	0.00E+00	2.65E-02
	HW1E316DB	6.75E-02	1.06E+01	0.00E+00	1.06E+01	0.00E+00	0.00E+00	6.98E+00	4.00E-06	3.16E-02	3.47E-01	0.00E+00	0.00E+00	1.87E-10	3.62E-09	2.60E-02	0.00E+00	0.00E+00	0.00E+00	9.43E-04	3.74E-01	1.49E+02	0.00E+00	1.63E-08	5.49E-07	8.76E-02	2.67E-04	1.98E-01	0.00E+00	1.49E+02	4.20E-07	1.49E+02	1.49E+02	1.98E-01	0.00E+00	0.00E+00	0.00E+00	4.05E-02
	HW1E316DE	6.58E-02	1.04E+01	0.00E+00	1.04E+01	0.00E+00	0.00E+00	6.81E+00	3.90E-06	3.09E-02	3.39E-01	0.00E+00	0.00E+00	1.83E-10	3.53E-09	2.53E-02	0.00E+00	0.00E+00	0.00E+00	9.19E-04	3.65E-01	1.45E+02	0.00E+00	1.59E-08	5.35E-07	8.54E-02	2.60E-04	1.94E-01	0.00E+00	1.45E+02	4.09E-07	1.45E+02	1.45E+02	1.94E-01	0.00E+00	0.00E+00	0.00E+00	3.95E-02
	HW1E316FB	4.42E-02	6.97E+00	0.00E+00	6.97E+00	0.00E+00	0.00E+00	4.57E+00	2.62E-06	2.07E-02	2.27E-01	0.00E+00	0.00E+00	1.23E-10	2.37E-09	1.70E-02	0.00E+00	0.00E+00	0.00E+00	6.17E-04	2.45E-01	9.73E+01	0.00E+00	1.07E-08	3.59E-07	5.73E-02	1.74E-04	1.30E-01	0.00E+00	9.73E+01	2.75E-07	9.73E+01	9.74E+01	1.30E-01	0.00E+00	0.00E+00	0.00E+00	2.65E-02
	HW1E316FE	4.42E-02	6.97E+00	0.00E+00	6.97E+00	0.00E+00	0.00E+00	4.57E+00	2.62E-06	2.07E-02	2.27E-01	0.00E+00	0.00E+00	1.23E-10	2.37E-09	1.70E-02	0.00E+00	0.00E+00	0.00E+00	6.17E-04	2.45E-01	9.73E+01	0.00E+00	1.07E-08	3.59E-07	5.73E-02	1.74E-04	1.30E-01	0.00E+00	9.73E+01	2.75E-07	9.73E+01	9.74E+01	1.30E-01	0.00E+00	0.00E+00	0.00E+00	2.65E-02
	HW1E404DB	6.47E-02	1.02E+01	0.00E+00	1.02E+01	0.00E+00	0.00E+00	6.69E+00	3.83E-06	3.03E-02	3.33E-01	0.00E+00	0.00E+00	1.80E-10	3.47E-09	2.49E-02	0.00E+00	0.00E+00	0.00E+00	9.03E-04	3.59E-01	1.43E+02	0.00E+00	1.57E-08	5.26E-07	8.39E-02	2.55E-04	1.90E-01	0.00E+00	1.43E+02	4.02E-07	1.43E+02	1.43E+02	1.90E-01	0.00E+00	0.00E+00	0.00E+00	3.88E-02
	HW1E404DE	7.49E-02	1.18E+01	0.00E+00	1.18E+01	0.00E+00	0.00E+00	7.75E+00	4.44E-06	3.51E-02	3.85E-01	0.00E+00	0.00E+00	2.08E-10	4.02E-09	2.88E-02	0.00E+00	0.00E+00	0.00E+00	1.05E-03	4.15E-01	1.65E+02	0.00E+00	1.81E-08	6.09E-07	9.71E-02	2.96E-04	2.20E-01	0.00E+00	1.65E+02	4.66E-07	1.65E+02	1.65E+02	2.20E-01	0.00E+00	0.00E+00	0.00E+00	4.49E-02

HW1E404FB	4.86E-02	7.67E+00	0.00E+00	7.67E+00	0.00E+00	0.00E+00	5.03E+00	2.88E-06	2.28E-02	2.50E-01	0.00E+00	0.00E+00	1.35E-10	2.61E-09	1.87E-02	0.00E+00	0.00E+00	0.00E+00	6.79E-04	2.70E-01	1.07E+02	0.00E+00	1.18E-08	3.96E-07	6.31E-02	1.92E-04	1.43E-01	0.00E+00	1.07E+02	3.02E-07	1.07E+02	1.07E+02	1.43E-01	0.00E+00	0.00E+00	0.00E+00	2.92E-02
HW1E404FE	4.75E-02	7.49E+00	0.00E+00	7.49E+00	0.00E+00	0.00E+00	4.92E+00	2.81E-06	2.23E-02	2.44E-01	0.00E+00	0.00E+00	1.32E-10	2.55E-09	1.83E-02	0.00E+00	0.00E+00	0.00E+00	6.63E-04	2.63E-01	1.05E+02	0.00E+00	1.15E-08	3.86E-07	6.16E-02	1.88E-04	1.40E-01	0.00E+00	1.05E+02	2.95E-07	1.05E+02	1.05E+02	1.40E-01	0.00E+00	0.00E+00	0.00E+00	2.85E-02
HW1E406DB	6.47E-02	1.02E+01	0.00E+00	1.02E+01	0.00E+00	0.00E+00	6.69E+00	3.83E-06	3.03E-02	3.33E-01	0.00E+00	0.00E+00	1.80E-10	3.47E-09	2.49E-02	0.00E+00	0.00E+00	0.00E+00	9.03E-04	3.59E-01	1.43E+02	0.00E+00	1.57E-08	5.26E-07	8.39E-02	2.55E-04	1.90E-01	0.00E+00	1.43E+02	4.02E-07	1.43E+02	1.43E+02	1.90E-01	0.00E+00	0.00E+00	0.00E+00	3.88E-02
HW1E406DE	7.49E-02	1.18E+01	0.00E+00	1.18E+01	0.00E+00	0.00E+00	7.75E+00	4.44E-06	3.51E-02	3.85E-01	0.00E+00	0.00E+00	2.08E-10	4.02E-09	2.88E-02	0.00E+00	0.00E+00	0.00E+00	1.05E-03	4.15E-01	1.65E+02	0.00E+00	1.81E-08	6.09E-07	9.71E-02	2.96E-04	2.20E-01	0.00E+00	1.65E+02	4.66E-07	1.65E+02	1.65E+02	2.20E-01	0.00E+00	0.00E+00	0.00E+00	4.49E-02
HW1E406FB	4.86E-02	7.67E+00	0.00E+00	7.67E+00	0.00E+00	0.00E+00	5.03E+00	2.88E-06	2.28E-02	2.50E-01	0.00E+00	0.00E+00	1.35E-10	2.61E-09	1.87E-02	0.00E+00	0.00E+00	0.00E+00	6.79E-04	2.70E-01	1.07E+02	0.00E+00	1.18E-08	3.96E-07	6.31E-02	1.92E-04	1.43E-01	0.00E+00	1.07E+02	3.02E-07	1.07E+02	1.07E+02	1.43E-01	0.00E+00	0.00E+00	0.00E+00	2.92E-02
HW1E406FE	4.75E-02	7.49E+00	0.00E+00	7.49E+00	0.00E+00	0.00E+00	4.92E+00	2.81E-06	2.23E-02	2.44E-01	0.00E+00	0.00E+00	1.32E-10	2.55E-09	1.83E-02	0.00E+00	0.00E+00	0.00E+00	6.63E-04	2.63E-01	1.05E+02	0.00E+00	1.15E-08	3.86E-07	6.16E-02	1.88E-04	1.40E-01	0.00E+00	1.05E+02	2.95E-07	1.05E+02	1.05E+02	1.40E-01	0.00E+00	0.00E+00	0.00E+00	2.85E-02
HW1E408DB	6.47E-02	1.02E+01	0.00E+00	1.02E+01	0.00E+00	0.00E+00	6.69E+00	3.83E-06	3.03E-02	3.33E-01	0.00E+00	0.00E+00	1.80E-10	3.47E-09	2.49E-02	0.00E+00	0.00E+00	0.00E+00	9.03E-04	3.59E-01	1.43E+02	0.00E+00	1.57E-08	5.26E-07	8.39E-02	2.55E-04	1.90E-01	0.00E+00	1.43E+02	4.02E-07	1.43E+02	1.43E+02	1.90E-01	0.00E+00	0.00E+00	0.00E+00	3.88E-02
HW1E408DE	7.49E-02	1.18E+01	0.00E+00	1.18E+01	0.00E+00	0.00E+00	7.75E+00	4.44E-06	3.51E-02	3.85E-01	0.00E+00	0.00E+00	2.08E-10	4.02E-09	2.88E-02	0.00E+00	0.00E+00	0.00E+00	1.05E-03	4.15E-01	1.65E+02	0.00E+00	1.81E-08	6.09E-07	9.71E-02	2.96E-04	2.20E-01	0.00E+00	1.65E+02	4.66E-07	1.65E+02	1.65E+02	2.20E-01	0.00E+00	0.00E+00	0.00E+00	4.49E-02
HW1E408FB	4.86E-02	7.67E+00	0.00E+00	7.67E+00	0.00E+00	0.00E+00	5.03E+00	2.88E-06	2.28E-02	2.50E-01	0.00E+00	0.00E+00	1.35E-10	2.61E-09	1.87E-02	0.00E+00	0.00E+00	0.00E+00	6.79E-04	2.70E-01	1.07E+02	0.00E+00	1.18E-08	3.96E-07	6.31E-02	1.92E-04	1.43E-01	0.00E+00	1.07E+02	3.02E-07	1.07E+02	1.07E+02	1.43E-01	0.00E+00	0.00E+00	0.00E+00	2.92E-02
HW1E408FE	4.75E-02	7.49E+00	0.00E+00	7.49E+00	0.00E+00	0.00E+00	4.92E+00	2.81E-06	2.23E-02	2.44E-01	0.00E+00	0.00E+00	1.32E-10	2.55E-09	1.83E-02	0.00E+00	0.00E+00	0.00E+00	6.63E-04	2.63E-01	1.05E+02	0.00E+00	1.15E-08	3.86E-07	6.16E-02	1.88E-04	1.40E-01	0.00E+00	1.05E+02	2.95E-07	1.05E+02	1.05E+02	1.40E-01	0.00E+00	0.00E+00	0.00E+00	2.85E-02
HW1E410DB	6.47E-02	1.02E+01	0.00E+00	1.02E+01	0.00E+00	0.00E+00	6.69E+00	3.83E-06	3.03E-02	3.33E-01	0.00E+00	0.00E+00	1.80E-10	3.47E-09	2.49E-02	0.00E+00	0.00E+00	0.00E+00	9.03E-04	3.59E-01	1.43E+02	0.00E+00	1.57E-08	5.26E-07	8.39E-02	2.55E-04	1.90E-01	0.00E+00	1.43E+02	4.02E-07	1.43E+02	1.43E+02	1.90E-01	0.00E+00	0.00E+00	0.00E+00	3.88E-02
HW1E410DE	7.49E-02	1.18E+01	0.00E+00	1.18E+01	0.00E+00	0.00E+00	7.75E+00	4.44E-06	3.51E-02	3.85E-01	0.00E+00	0.00E+00	2.08E-10	4.02E-09	2.88E-02	0.00E+00	0.00E+00	0.00E+00	1.05E-03	4.15E-01	1.65E+02	0.00E+00	1.81E-08	6.09E-07	9.71E-02	2.96E-04	2.20E-01	0.00E+00	1.65E+02	4.66E-07	1.65E+02	1.65E+02	2.20E-01	0.00E+00	0.00E+00	0.00E+00	4.49E-02
HW1E410FB	4.86E-02	7.67E+00	0.00E+00	7.67E+00	0.00E+00	0.00E+00	5.03E+00	2.88E-06	2.28E-02	2.50E-01	0.00E+00	0.00E+00	1.35E-10	2.61E-09	1.87E-02	0.00E+00	0.00E+00	0.00E+00	6.79E-04	2.70E-01	1.07E+02	0.00E+00	1.18E-08	3.96E-07	6.31E-02	1.92E-04	1.43E-01	0.00E+00	1.07E+02	3.02E-07	1.07E+02	1.07E+02	1.43E-01	0.00E+00	0.00E+00	0.00E+00	2.92E-02
HW1E410FE	4.75E-02	7.49E+00	0.00E+00	7.49E+00	0.00E+00	0.00E+00	4.92E+00	2.81E-06	2.23E-02	2.44E-01	0.00E+00	0.00E+00	1.32E-10	2.55E-09	1.83E-02	0.00E+00	0.00E+00	0.00E+00	6.63E-04	2.63E-01	1.05E+02	0.00E+00	1.15E-08	3.86E-07	6.16E-02	1.88E-04	1.40E-01	0.00E+00	1.05E+02	2.95E-07	1.05E+02	1.05E+02	1.40E-01	0.00E+00	0.00E+00	0.00E+00	2.85E-02
HW1E412DB	6.47E-02	1.02E+01	0.00E+00	1.02E+01	0.00E+00	0.00E+00	6.69E+00	3.83E-06	3.03E-02	3.33E-01	0.00E+00	0.00E+00	1.80E-10	3.47E-09	2.49E-02	0.00E+00	0.00E+00	0.00E+00	9.03E-04	3.59E-01	1.43E+02	0.00E+00	1.57E-08	5.26E-07	8.39E-02	2.55E-04	1.90E-01	0.00E+00	1.43E+02	4.02E-07	1.43E+02	1.43E+02	1.90E-01	0.00E+00	0.00E+00	0.00E+00	3.88E-02
HW1E412DE	7.49E-02	1.18E+01	0.00E+00	1.18E+01	0.00E+00	0.00E+00	7.75E+00	4.44E-06	3.51E-02	3.85E-01	0.00E+00	0.00E+00	2.08E-10	4.02E-09	2.88E-02	0.00E+00	0.00E+00	0.00E+00	1.05E-03	4.15E-01	1.65E+02	0.00E+00	1.81E-08	6.09E-07	9.71E-02	2.96E-04	2.20E-01	0.00E+00	1.65E+02	4.66E-07	1.65E+02	1.65E+02	2.20E-01	0.00E+00	0.00E+00	0.00E+00	4.49E-02
HW1E412FB	4.86E-02	7.67E+00	0.00E+00	7.67E+00	0.00E+00	0.00E+00	5.03E+00	2.88E-06	2.28E-02	2.50E-01	0.00E+00	0.00E+00	1.35E-10	2.61E-09	1.87E-02	0.00E+00	0.00E+00	0.00E+00	6.79E-04	2.70E-01	1.07E+02	0.00E+00	1.18E-08	3.96E-07	6.31E-02	1.92E-04	1.43E-01	0.00E+00	1.07E+02	3.02E-07	1.07E+02	1.07E+02	1.43E-01	0.00E+00	0.00E+00	0.00E+00	2.92E-02
HW1E412FE	4.75E-02	7.49E+00	0.00E+00	7.49E+00	0.00E+00	0.00E+00	4.92E+00	2.81E-06	2.23E-02	2.44E-01	0.00E+00	0.00E+00	1.32E-10	2.55E-09	1.83E-02	0.00E+00	0.00E+00	0.00E+00	6.63E-04	2.63E-01	1.05E+02	0.00E+00	1.15E-08	3.86E-07	6.16E-02	1.88E-04	1.40E-01	0.00E+00	1.05E+02	2.95E-07	1.05E+02	1.05E+02	1.40E-01	0.00E+00	0.00E+00	0.00E+00	2.85E-02
HW1E416DB	6.47E-02	1.02E+01	0.00E+00	1.02E+01	0.00E+00	0.00E+00	6.69E+00	3.83E-06	3.03E-02	3.33E-01	0.00E+00	0.00E+00	1.80E-10	3.47E-09	2.49E-02	0.00E+00	0.00E+00	0.00E+00	9.03E-04	3.59E-01	1.43E+02	0.00E+00	1.57E-08	5.26E-07	8.39E-02	2.55E-04	1.90E-01	0.00E+00	1.43E+02	4.02E-07	1.43E+02	1.43E+02	1.90E-01	0.00E+00	0.00E+00	0.00E+00	3.88E-02
HW1E416DE	7.49E-02	1.18E+01	0.00E+00	1.18E+01	0.00E+00	0.00E+00	7.75E+00	4.44E-06	3.51E-02	3.85E-01	0.00E+00	0.00E+00	2.08E-10	4.02E-09	2.88E-02	0.00E+00	0.00E+00	0.00E+00	1.05E-03	4.15E-01	1.65E+02	0.00E+00	1.81E-08	6.09E-07	9.71E-02	2.96E-04	2.20E-01	0.00E+00	1.65E+02	4.66E-07	1.65E+02	1.65E+02	2.20E-01	0.00E+00	0.00E+00	0.00E+00	4.49E-02
HW1E416FB	4.86E-02	7.67E+00	0.00E+00	7.67E+00	0.00E+00	0.00E+00	5.03E+00	2.88E-06	2.28E-02	2.50E-01	0.00E+00	0.00E+00	1.35E-10	2.61E-09	1.87E-02	0.00E+00	0.00E+00	0.00E+00	6.79E-04	2.70E-01	1.07E+02	0.00E+00	1.18E-08	3.96E-07	6.31E-02	1.92E-04	1.43E-01	0.00E+00	1.07E+02	3.02E-07	1.07E+02	1.07E+02	1.43E-01	0.00E+00	0.00E+00	0.00E+00	2.92E-02
HW1E416FE	4.75E-02	7.49E+00	0.00E+00	7.49E+00	0.00E+00	0.00E+00	4.92E+00	2.81E-06	2.23E-02	2.44E-01	0.00E+00	0.00E+00	1.32E-10	2.55E-09	1.83E-02	0.00E+00	0.00E+00	0.00E+00	6.63E-04	2.63E-01	1.05E+02	0.00E+00	1.15E-08	3.86E-07	6.16E-02	1.88E-04	1.40E-01	0.00E+00	1.05E+02	2.95E-07	1.05E+02	1.05E+02	1.40E-01	0.00E+00	0.00E+00	0.00E+00	2.85E-02
HW1M304DB	6.75E-02	1.06E+01	0.00E+00	1.06E+01	0.00E+00	0.00E+00	6.98E+00	4.00E-06	3.16E-02	3.47E-01	0.00E+00	0.00E+00	1.87E-10	3.62E-09	2.60E-02	0.00E+00	0.00E+00	0.00E+00	9.43E-04	3.74E-01	1.49E+02	0.00E+00	1.63E-08	5.49E-07	8.76E-02	2.67E-04	1.98E-01	0.00E+00	1.49E+02	4.20E-07	1.49E+02	1.49E+02	1.98E-01	0.00E+00	0.00E+00	0.00E+00	4.05E-02
HW1M304DE	6.58E-02	1.04E+01	0.00E+00	1.04E+01	0.00E+00	0.00E+00	6.81E+00	3.90E-06	3.09E-02	3.39E-01	0.00E+00	0.00E+00	1.83E-10	3.53E-09	2.53E-02	0.00E+00	0.00E+00	0.00E+00	9.19E-04	3.65E-01	1.45E+02	0.00E+00	1.59E-08	5.35E-07	8.54E-02	2.60E-04	1.94E-01	0.00E+00	1.45E+02	4.09E-07	1.45E+02	1.45E+02	1.94E-01	0.00E+00	0.00E+00	0.00E+00	3.95E-02
HW1M304FB	4.42E-02	6.97E+00	0.00E+00	6.97E+00	0.00E+00	0.00E+00	4.57E+00	2.62E-06	2.07E-02	2.27E-01	0.00E+00	0.00E+00	1.23E-10	2.37E-09	1.70E-02	0.00E+00	0.00E+00	0.00E+00	6.17E-04	2.45E-01	9.73E+01	0.00E+00	1.07E-08	3.59E-07	5.73E-02	1.74E-04	1.30E-01	0.00E+00	9.73E+01	2.75E-07	9.73E+01	9.74E+01	1.30E-01	0.00E+00	0.00E+00	0.00E+00	2.65E-02
HW1M304FE	4.42E-02	6.97E+00	0.00E+00	6.97E+00	0.00E+00	0.00E+00	4.57E+00	2.62E-06	2.07E-02	2.27E-01	0.00E+00	0.00E+00	1.23E-10	2.37E-09	1.70E-02	0.00E+00	0.00E+00	0.00E+00	6.17E-04	2.45E-01	9.73E+01	0.00E+00	1.07E-08	3.59E-07	5.73E-02	1.74E-04	1.30E-01	0.00E+00	9.73E+01	2.75E-07	9.73E+01	9.74E+01	1.30E-01	0.00E+00	0.00E+00	0.00E+00	2.65E-02
HW1M306DB	6.75E-02	1.06E+01	0.00E+00	1.06E+01	0.00E+00	0.00E+00	6.98E+00	4.00E-06	3.16E-02	3.47E-01	0.00E+00	0.00E+00	1.87E-10	3.62E-09	2.60E-02	0.00E+00	0.00E+00	0.00E+00	9.43E-04	3.74E-01	1.49E+02	0.00E+00	1.63E-08	5.49E-07	8.76E-02	2.67E-04	1.98E-01	0.00E+00	1.49E+02	4.20E-07	1.49E+02	1.49E+02	1.98E-01	0.00E+00	0.00E+00	0.00E+00	4.05E-02
HW1M306DE	6.58E-02	1.04E+01	0.00E+00	1.04E+01	0.00E+00	0.00E+00	6.81E+00	3.90E-06	3.09E-02	3.39E-01	0.00E+00	0.00E+00	1.83E-10	3.53E-09	2.53E-02	0.00E+00	0.00E+00	0.00E+00	9.19E-04	3.65E-01	1.45E+02	0.00E+00	1.59E-08	5.35E-07	8.54E-02	2.60E-04	1.94E-01	0.00E+00	1.45E+02	4.09E-07	1.45E+02	1.45E+02	1.94E-01	0.00E+00	0.00E+00	0.00E+00	3.95E-02
HW1M306FB	4.42E-02	6.97E+00	0.00E+00	6.97E+00	0.00E+00	0.00E+00	4.57E+00	2.62E-06	2.07E-02	2.27E-01	0.00E+00	0.00E+00	1.23E-10	2.37E-09	1.70E-02	0.00E+00	0.00E+00	0.00E+00	6.17E-04	2.45E-01	9.73E+01	0.00E+00	1.07E-08	3.59E-07	5.73E-02	1.74E-04	1.30E-01	0.00E+00	9.73E+01	2.75E-07	9.73E+01	9.74E+01	1.30E-01	0.00E+00	0.00E+00	0.00E+00	2.65E-02
HW1M306FE	4.42E-02	6.97E+00	0.00E+00	6.97E+00	0.00E+00	0.00E+00	4.57E+00	2.62E-06	2.07E-02	2.27E-01	0.00E+00	0.00E+00	1.23E-10	2.37E-09	1.70E-02	0.00E+00	0.00E+00	0.00E+00	6.17E-04	2.45E-01	9.73E+01	0.00E+00	1.07E-08	3.59E-07	5.73E-02	1.74E-04	1.30E-01	0.00E+00	9.73E+01	2.75E-07	9.73E+01	9.74E+01	1.30E-01	0.00E+00	0.00E+00	0.00E+00	2.65E-02
HW1M308DB	6.75E-02	1.06E+01	0.00E+00	1.06E+01	0.00E+00	0.00E+00	6.98E+00	4.00E-06	3.16E-02	3.47E-01	0.00E+00	0.00E+00	1.87E-10	3.62E-09	2.60E-02	0.00E+00	0.00E+00	0.00E+00	9.43E-04	3.74E-01	1.49E+02	0.00E+00	1.63E-08	5.49E-07	8.76E-02	2.67E-04	1.98E-01	0.00E+00	1.49E+02	4.20E-07	1.49E+02	1.49E+02	1.98E-01	0.00E+00	0.00E+00	0.00E+00	4.05E-02
HW1M308DE	6.58E-02	1.04E+01	0.00E+00	1.04E+01	0.00E+00	0.00E+00	6.81E+00	3.90E-06	3.09E-02	3.39E-01	0.00E+00	0.00E+00	1.83E-10	3.53E-09	2.53E-02	0.00E+00	0.00E+00	0.00E+00	9.19E-04	3.65E-01	1.45E+02	0.00E+00	1.59E-08	5.35E-07	8.54E-02	2.60E-04	1.94E-01	0.00E+00	1.45E+02	4.09E-07	1.45E+02	1.45E+02	1.94E-01	0.00E+00	0.00E+00	0.00E+00	3.95E-02
HW1M308FB	4.42E-02	6.97E+00	0.00E+00	6.97E+00	0.00E+00	0.00E+00	4.57E+00	2.62E-06	2.07E-02	2.27E-01	0.00E+00	0.00E+00	1.23E-10	2.37E-09	1.70E-02	0.00E+00	0.00E+00	0.00E+00	6.17E-04	2.45E-01	9.73E+01	0.00E+00	1.07E-08	3.59E-07	5.73E-02	1.74E-04	1.30E-01	0.00E+00	9.73E+01	2.75E-07	9.73E+01	9.74E+01	1.30E-01	0.00E+00	0.00E+00	0.00E+00	2.65E-02
HW1M308FE	4.42E-02	6.97E+00	0.00E+00	6.97E+00	0.00E+00	0.00E+00	4.57E+00	2.62E-06	2.07E-02	2.27E-01	0.00E+00	0.00E+00	1.23E-10	2.37E-09	1.70E-02	0.00E+00	0.00E+00	0.00E+00	6.17E-04	2.45E-01	9.73E+01	0.00E+00	1.07E-08	3.59E-07	5.73E-02	1.74E-04	1.30E-01	0.00E+00	9.73E+01	2.75E-07	9.73E+01	9.74E+01	1.30E-01	0.00E+00	0.00E+00	0.00E+00	2.65E-02
HW1M310DB	6.75E-02	1.06E+01	0.00E+00	1.06E+01	0.00E+00	0.00E+00	6.98E+00	4.00E-06	3.16E-02	3.47E-01	0.00E+00	0.00E+00	1.87E-10	3.62E-09	2.60E-02	0.00E+00	0.00E+00	0.00E+00	9.43E-04	3.74E-01	1.49E+02	0.00E+00	1.63E-08	5.49E-07	8.76E-02	2.67E-04	1.98E-01	0.00E+00	1.49E+02	4.20E-07	1.49E+02	1.49E+02	1.98E-01	0.00E+00	0.00E+00	0.00E+00	4.05E-02
HW1M310DE	7.06E-02	1.11E+01	0.00E+00	1.11E+01	0.00E+00	0.00E+00	7.31E+00	4.18E-06	3.31E-02	3.63E-01	0.00E+00	0.00E+00	1.96E-10	3.79E-09	2.72E-02	0.00E+00	0.00E+00	0.00E+00	9.86E-04	3.92E-01	1.56E+02	0.00E+00	1.71E-08	5.75E-07	9.16E-02	2.79E-04	2.08E-01	0.00E+00	1.56E+02	4.39E-07	1.56E+02	1.56E+02	2.08E-01	0.00E+00	0.00E+00	0.00E+00	4.24E-02
HW1M310FB	4.42E-02	6.97E+00	0.00E+00	6.97E+00	0.00E+00	0.00E+00	4.57E+00	2.62E-06	2.07E-02	2.27E-01	0.00E+00	0.00E+00	1.23E-10	2.37E-09	1.70E-02	0.00E+00	0.00E+00	0.00E+00	6.17E-04	2.45E-01	9.73E+01	0.00E+00	1.07E-08	3.59E-07	5.73E-02	1.74E-04	1.30E-01	0.00E+00	9.73E+01	2.75E-07	9.73E+01	9.74E+01	1.30E-01	0.00E+00	0.00E+00	0.00E+00	2.65E-02
HW1M310FE	1.56E-02	2.47E+00	0.00E+00	2.47E+00	0.00E+00	0.00E+00	1.62E+00	9.26E-07	7.33E-03	8.04E-02	0.00E+00	0.00E+00	4.34E-11	8.40E-10	6.01E-03	0.00E+00	0.00E+00	0.00E+00	2.18E-04	8.67E-02	3.45E+01	0.00E+00	3.79E-09	1.27E-07	2.03E-02	6.17E-05	4.60E-02	0.00E+00	3.45E+01	9.72E-08	3.45E+01	3.45E+01	4.60E-02	0.00E+00	0.00E+00	0.00E+00	9.38E-03
HW1M312DE	6.58E-02	1.04E+01	0.00E+00	1.04E+01	0.00E+00	0.00E+00	6.81E+00	3.90E-06	3.09E-02	3.39E-01	0.00E+00	0.00E+00	1.83E-10	3.53E-09	2.53E-02	0.00E+00	0.00E+00	0.00E+00	9.19E-04	3.65E-01	1.45E+02	0.00E+00	1.59E-08	5.35E-07	8.54E-02	2.60E-04	1.94E-01	0.00E+00	1.45E+02	4.09E-07	1.45E+02	1.45E+02	1.94E-01	0.00E+00	0.00E+00	0.00E+00	3.95E-02
HW1M312FB	4.42E-02	6.97E+00	0.00E+00	6.97E+00	0.00E+00	0.00E+00	4.57E+00	2.62E-06	2.07E-02	2.27E-01	0.00E+00	0.00E+00	1.23E-10	2.37E-09	1.70E-02	0.00E+00	0.00E+00	0.00E+00	6.17E-04	2.45E-01	9.73E+01	0.00E+00	1.07E-08	3.59E-07	5.73E-02	1.74E-04	1.30E-01	0.00E+00	9.73E+01	2.75E-07	9.73E+01	9.74E+01	1.30E-01	0.00E+00	0.00E+00	0.00E+00	2.65E-02
HW1M312FE	4.42E-02	6.97E+00	0.00E+00	6.97E+00	0.00E+00	0.00E+00	4.57E+00	2.62E-06	2.07E-02	2.27E-01	0.00E+00	0.00E+00	1.23E-10	2.37E-09	1.70E-02	0.00E+00	0.00E+00	0.00E+00	6.17E-04	2.45E-01	9.73E+01	0.00E+00	1.07E-08	3.59E-07	5.73E-02	1.74E-04	1.30E-01	0.00E+00	9.73E+01	2.75E-07	9.73E+01	9.74E+01	1.30E-01	0.00E+00	0.00E+00	0.00E+00	2.65E-02
HW1M316DB	6.58E-02	1.04E+01	0.00E+00	1.04E+01	0.00E+00	0.00E+00	6.81E+00	3.90E-06	3.09E-02	3.39E-01	0.00E+00	0.00E+00	1.83E-10	3.53E-09	2.53E-02	0.00E+00	0.00E+00	0.00E+00	9.19E-04	3.65E-01	1.45E+02	0.00E+00	1.59E-08	5.35E-07	8.54E-02	2.60E-04	1.94E-01	0.00E+00	1.45E+02	4.09E-07	1.45E+02	1.45E+02	1.94E-01	0.00E+00	0.00E+00	0.00E+00	3.95E-02
HW1M316DE	6.58E-02	1.04E+01	0.00E+00	1.04E+01	0.00E+00	0.00E+00	6.81E+00	3.90E-06	3.09E-02	3.39E-01	0.00E+00	0.00E+00	1.83E-10	3.53E-09	2.53E-02	0.00E+00	0.00E+00	0.00E+00	9.19E-04	3.65E-01	1.45E+02	0.00E+00	1.59E-08	5.35E-07	8.54E-02	2.60E-04	1.94E-01	0.00E+00	1.45E+02	4.09E-07	1.45E+02	1.45E+02	1.94E-01	0.00E+00	0.00E+00	0.00E+00	3.95E-02
HW1M316FB	4.42E-02	6.97E+00	0.00E+00	6.97E+00	0.00E+00	0.00E+00	4.57E+00	2.62E-06	2.07E-02	2.27E-01	0.00E+00	0.00E+00	1.23E-10	2.37E-09	1.70E-02	0.00E+00	0.00E+00	0.00E+00	6.17E-04	2.45E-01	9.73E+01	0.00E+00	1.07E-08	3.59E-07	5.73E-02	1.74E-04	1.30E-01	0.00E+00	9.73E+01	2.75E-07	9.73E+01	9.74E+01	1.30E-01	0.00E+00	0.00E+00	0.00E+00	2.65E-02
HW1M316FE	4.42E-02	6.97E+00	0.00E+00	6.97E+00	0.00E+00	0.00E+00	4.57E+00	2.62E-06	2.07E-02	2.27E-01	0.00E+00	0.00E+00	1.23E-10	2.37E-09	1.70E-02	0.00E+00	0.00E+00	0.00E+00	6.17E-04	2.45E-01	9.73E+01	0.00E+00	1.07E-08	3.59E-07	5.73E-02	1.74E-04	1.30E-01	0.00E+00	9.73E+01	2.75E-07	9.73E+01	9.74E+01	1.30E-01	0.00E+00	0.00E+00	0.00E+00	2.65E-02
HW1M404DB	6.47E-02	1.02E+01	0.00E+00	1.02E+01	0.00E+00	0.00E+00	6.69E+00	3.83E-06	3.03E-02	3.33E-01	0.00E+00	0.00E+00	1.80E-10	3.47E-09	2.49E-02	0.00E+00	0.00E+00	0.00E+00	9.03E-04	3.59E-01	1.43E+02	0.00E+00	1.57E-08	5.26E-07	8.39E-02	2.55E-04	1.90E-01	0.00E+00	1.43E+02	4.02E-07	1.43E+02	1.43E+02	1.90E-01	0.00E+00	0.00E+00	0.00E+00	3.88E-02
HW1M404DE	7.49E-02	1.18E+01	0.00E+00	1.18E+01	0.00E+00	0.00E+00	7.75E+00	4.44E-06	3.51E-02	3.85E-01	0.00E+00	0.00E+00	2.08E-10	4.02E-09	2.88E-02	0.00E+00	0.00E+00	0.00E+00	1.05E-03	4.15E-01	1.65E+02	0.00E+00	1.81E-08	6.09E-07	9.71E-02	2.96E-04	2.20E-01	0.00E+00	1.65E+02	4.66E-07	1.65E+02	1.65E+02	2.20E-01	0.00E+00	0.00E+00	0.00E+00	4.49E-02
HW1M404FB	4.86E-02	7.67E+00	0.00E+00	7.67E+00	0.00E+00	0.00E+00	5.03E+00	2.88E-06	2.28E-02	2.50E-01	0.00E+00	0.00E+00	1.35E-10	2.61E-09	1.87E-02	0.00E+00	0.00E+00	0.00E+00	6.79E-04	2.70E-01	1.07E+02	0.00E+00	1.18E-08	3.96E-07	6.31E-02	1.92E-04	1.43E-01	0.00E+00	1.07E+02	3.02E-07	1.07E+02	1.07E+02	1.43E-01	0.00E+00	0.00E+00	0.00E+00	2.92E-02
HW1M404FE	4.75E-02	7.49E+00	0.00E+00	7.49E+00	0.00E+00	0.00E+00	4.92E+00	2.81E-06	2.23E-02	2.44E-01	0.00E+00	0.00E+00	1.32E-10	2.55E-09	1.83E-02	0.00E+00	0.00E+00	0.00E+00	6.63E-04	2.63E-01	1.05E+02	0.00E+00	1.15E-08	3.86E-07	6.16E-02	1.88E-04	1.40E-01	0.00E+00	1.05E+02	2.95E-07	1.05E+02	1.05E+02	1.40E-01	0.00E+00	0.00E+00	0.00E+00	2.85E-02
HW1M406DB	6.64E-02	1.05E+01	0.00E+00	1.05E+01	0.00E+00	0.00E+00	6.87E+00	3.93E-06	3.11E-02	3.42E-01	0.00E+00	0.00E+00	1.84E-10	3.57E-09	2.55E-02	0.00E+00	0.00E+00	0.00E+00	9.27E-04	3.68E-01	1.46E+02	0.00E+00	1.61E-08	5.40E-07	8.62E-02	2.62E-04	1.95E-01	0.00E+00	1.46E+02	4.13E-07	1.46E+02	1.47E+02	1.95E-01	0.00E+00	0.00E+00	0.00E+00	3.98E-02
HW1M406DE	7.49E-02	1.18E+01	0.00E+00	1.18E+01	0.00E+00	0.00E+00	7.75E+00	4.44E-06	3.51E-02	3.85E-01	0.00E+00	0.00E+00	2.08E-10	4.02E-09	2.88E-02	0.00E+00	0.00E+00	0.00E+00	1.05E-03	4.15E-01	1.65E+02	0.00E+00	1.81E-08	6.09E-07	9.71E-02	2.96E-04	2.20E-01	0.00E+00	1.65E+02	4.66E-07	1.65E+02	1.65E+02	2.20E-01	0.00E+00	0.00E+00	0.00E+00	4.49E-02
HW1M406FB	4.86E-02	7.67E+00	0.00E+00	7.67E+00	0.00E+00	0.00E+00	5.03E+00	2.88E-06	2.28E-02	2.50E-01	0.00E+00	0.00E+00	1.35E-10	2.61E-09	1.87E-02	0.00E+00	0.00E+00	0.00E+00	6.79E-04	2.70E-01	1.07E+02	0.00E+00	1.18E-08	3.96E-07	6.31E-02	1.92E-04	1.43E-01	0.00E+00	1.07E+02	3.02E-07	1.07E+02	1.07E+02	1.43E-01	0.00E+00	0.00E+00	0.00E+00	2.92E-02
HW1M406FE	4.75E-02	7.49E+00	0.00E+00	7.49E+00	0.00E+00	0.00E+00	4.92E+00	2.81E-06	2.23E-02	2.44E-01	0.00E+00	0.00E+00	1.32E-10	2.55E-09	1.83E-02	0.00E+00	0.00E+00	0.00E+00	6.63E-04	2.63E-01	1.05E+02	0.00E+00	1.15E-08	3.86E-07	6.16E-02	1.88E-04	1.40E-01	0.00E+00	1.05E+02	2.95E-07	1.05E+02	1.05E+02	1.40E-01	0.00E+00	0.00E+00	0.00E+00	2.85E-02
HW1M408DB	6.47E-02	1.02E+01	0.00E+00	1.02E+01	0.00E+00	0.00E+00	6.69E+00	3.83E-06	3.03E-02	3.33E-01	0.00E+00	0.00E+00	1.80E-10	3.47E-09	2.49E-02	0.00E+00	0.00E+00	0.00E+00	9.03E-04	3.59E-01	1.43E+02	0.00E+00	1.57E-08	5.26E-07	8.39E-02	2.55E-04	1.90E-01	0.00E+00	1.43E+02	4.02E-07	1.43E+02	1.43E+02	1.90E-01	0.00E+00	0.00E+00	0.00E+00	3.88E-02
HW1M408DE	7.49E-02	1.18E+01	0.00E+00	1.18E+01	0.00E+00	0.00E+00	7.75E+00	4.44E-06	3.51E-02	3.85E-01	0.00E+00	0.00E+00	2.08E-10	4.02E-09	2.88E-02	0.00E+00	0.00E+00	0.00E+00	1.05E-03	4.15E-01	1.65E+02	0.00E+00	1.81E-08	6.09E-07	9.71E-02	2.96E-04	2.20E-01	0.00E+00	1.65E+02	4.66E-07	1.65E+02	1.65E+02	2.20E-01	0.00E+00	0.00E+00	0.00E+00	4.49E-02
HW1M408FB	4.86E-02	7.67E+00	0.00E+00	7.67E+00	0.00E+00	0.00E+00	5.03E+00	2.88E-06	2.28E-02	2.50E-01	0.00E+00	0.00E+00	1.35E-10	2.61E-09	1.87E-02	0.00E+00	0.00E+00	0.00E+00	6.79E-04	2.70E-01	1.07E+02	0.00E+00	1.18E-08	3.96E-07	6.31E-02	1.92E-04	1.43E-01	0.00E+00	1.07E+02	3.02E-07	1.07E+02	1.07E+02	1.43E-01	0.00E+00	0.00E+00	0.00E+00	2.92E-02
HW1M408FE	4.75E-02	7.49E+00	0.00E+00	7.49E+00	0.00E+00	0.00E+00	4.92E+00	2.81E-06	2.23E-02	2.44E-01	0.00E+00	0.00E+00	1.32E-10	2.55E-09	1.83E-02	0.00E+00	0.00E+00	0.00E+00	6.63E-04	2.63E-01	1.05E+02	0.00E+00	1.15E-08	3.86E-07	6.16E-02	1.88E-04	1.40E-01	0.00E+00	1.05E+02	2.95E-07	1.05E+02	1.05E+02	1.40E-01	0.00E+00	0.00E+00	0.00E+00	2.85E-02
HW1M410DB	6.47E-02	1.02E+01	0.00E+00	1.02E+01	0.00E+00	0.00E+00	6.69E+00	3.83E-06	3.03E-02	3.33E-01	0.00E+00	0.00E+00	1.80E-10	3.47E-09	2.49E-02	0.00E+00	0.00E+00	0.00E+00	9.03E-04	3.59E-01	1.43E+02	0.00E+00	1.57E-08	5.26E-07	8.39E-02	2.55E-04	1.90E-01	0.00E+00	1.43E+02	4.02E-07	1.43E+02	1.43E+02	1.90E-01	0.00E+00	0.00E+00	0.00E+00	3.88E-02
HW1M410DE	7.49E-02	1.18E+01	0.00E+00	1.18E+01	0.00E+00	0.00E+00	7.75E+00	4.44E-06	3.51E-02	3.85E-01	0.00E+00	0.00E+00	2.08E-10	4.02E-09	2.88E-02	0.00E+00	0.00E+00	0.00E+00	1.05E-03	4.15E-01	1.65E+02	0.00E+00	1.81E-08	6.09E-07	9.71E-02	2.96E-04	2.20E-01	0.00E+00	1.65E+02	4.66E-07	1.65E+02	1.65E+02	2.20E-01	0.00E+00	0.00E+00	0.00E+00	4.49E-02
HW1M410FB	4.86E-02	7.67E+00	0.00E+00	7.67E+00	0.00E+00	0.00E+00	5.03E+00	2.88E-06	2.28E-02	2.50E-01	0.00E+00	0.00E+00	1.35E-10	2.61E-09	1.87E-02	0.00E+00	0.00E+00	0.00E+00	6.79E-04	2.70E-01	1.07E+02	0.00E+00	1.18E-08	3.96E-07	6.31E-02	1.92E-04	1.43E-01	0.00E+00	1.07E+02	3.02E-07	1.07E+02	1.07E+02	1.43E-01	0.00E+00	0.00E+00	0.00E+00	2.92E-02
HW1M410FE	4.75E-02	7.49E+00	0.00E+00	7.49E+00	0.00E+00	0.00E+00	4.92E+00	2.81E-06	2.23E-02	2.44E-01	0.00E+00	0.00E+00	1.32E-10	2.55E-09	1.83E-02	0.00E+00	0.00E+00	0.00E+00	6.63E-04	2.63E-01	1.05E+02	0.00E+00	1.15E-08	3.86E-07	6.16E-02	1.88E-04	1.40E-01	0.00E+00	1.05E+02	2.95E-07	1.05E+02	1.05E+02	1.40E-01	0.00E+00	0.00E+00	0.00E+00	2.85E-02
HW1M412DB	6.47E-02	1.02E+01	0.00E+00	1.02E+01	0.00E+00	0.00E+00	6.69E+00	3.83E-06	3.03E-02	3.33E-01	0.00E+00	0.00E+00	1.80E-10	3.47E-09	2.49E-02	0.00E+00	0.00E+00	0.00E+00	9.03E-04	3.59E-01	1.43E+02	0.00E+00	1.57E-08	5.26E-07	8.39E-02	2.55E-04	1.90E-01	0.00E+00	1.43E+02	4.02E-07	1.43E+02	1.43E+02	1.90E-01	0.00E+00	0.00E+00	0.00E+00	3.88E-02
HW1M412DE	7.49E-02	1.18E+01	0.00E+00	1.18E+01	0.00E+00	0.00E+00	7.75E+00	4.44E-06	3.51E-02	3.85E-01	0.00E+00	0.00E+00	2.08E-10	4.02E-09	2.88E-02	0.00E+00	0.00E+00	0.00E+00	1.05E-03	4.15E-01	1.65E+02	0.00E+00	1.81E-08	6.09E-07	9.71E-02	2.96E-04	2.20E-01	0.00E+00	1.65E+02	4.66E-07	1.65E+02	1.65E+02	2.20E-01	0.00E+00	0.00E+00	0.00E+00	4.49E-02
HW1M412FB	4.86E-02	7.67E+00	0.00E+00	7.67E+00	0.00E+00	0.00E+00	5.03E+00	2.88E-06	2.28E-02	2.50E-01	0.00E+00	0.00E+00	1.35E-10	2.61E-09	1.87E-02	0.00E+00	0.00E+00	0.00E+00	6.79E-04	2.70E-01	1.07E+02	0.00E+00	1.18E-08	3.96E-07	6.31E-02	1.92E-04	1.43E-01	0.00E+00	1.07E+02	3.02E-07	1.07E+02	1.07E+02	1.43E-01	0.00E+00	0.00E+00	0.00E+00	2.92E-02
HW1M412FE	4.75E-02	7.49E+00	0.00E+00	7.49E+00	0.00E+00	0.00E+00	4.92E+00	2.81E-06	2.23E-02	2.44E-01	0.00E+00	0.00E+00	1.32E-10	2.55E-09	1.83E-02	0.00E+00	0.00E+00	0.00E+00	6.63E-04	2.63E-01	1.05E+02	0.00E+00	1.15E-08	3.86E-07	6.16E-02	1.88E-04	1.40E-01	0.00E+00	1.05E+02	2.95E-07	1.05E+02	1.05E+02	1.40E-01	0.00E+00	0.00E+00	0.00E+00	2.85E-02
HW1M416DB	6.47E-02	1.02E+01	0.00E+00	1.02E+01	0.00E+00	0.00E+00	6.69E+00	3.83E-06	3.03E-02	3.33E-01	0.00E+00	0.00E+00	1.80E-10	3.47E-09	2.49E-02	0.00E+00	0.00E+00	0.00E+00	9.03E-04	3.59E-01	1.43E+02	0.00E+00	1.57E-08	5.26E-07	8.39E-02	2.55E-04	1.90E-01	0.00E+00	1.43E+02	4.02E-07	1.43E+02	1.43E+02	1.90E-01	0.00E+00	0.00E+00	0.00E+00	3.88E-02
HW1M416DE	7.49E-02	1.18E+01	0.00E+00	1.18E+01	0.00E+00	0.00E+00	7.75E+00	4.44E-06	3.51E-02	3.85E-01	0.00E+00	0.00E+00	2.08E-10	4.02E-09	2.88E-02	0.00E+00	0.00E+00	0.00E+00	1.05E-03	4.15E-01	1.65E+02	0.00E+00	1.81E-08	6.09E-07	9.71E-02	2.96E-04	2.20E-01	0.00E+00	1.65E+02	4.66E-07	1.65E+02	1.65E+02	2.20E-01	0.00E+00	0.00E+00	0.00E+00	4.49E-02
HW1M416FB	4.86E-02	7.67E+00	0.00E+00	7.67E+00	0.00E+00	0.00E+00	5.03E+00	2.88E-06	2.28E-02	2.50E-01	0.00E+00	0.00E+00	1.35E-10	2.61E-09	1.87E-02	0.00E+00	0.00E+00	0.00E+00	6.79E-04	2.70E-01	1.07E+02	0.00E+00	1.18E-08	3.96E-07	6.31E-02	1.92E-04	1.43E-01	0.00E+00	1.07E+02	3.02E-07	1.07E+02	1.07E+02	1.43E-01	0.00E+00	0.00E+00	0.00E+00	2.92E-02
HW1M416FE	4.75E-02	7.49E+00	0.00E+00	7.49E+00	0.00E+00	0.00E+00	4.92E+00	2.81E-06	2.23E-02	2.44E-01	0.00E+00	0.00E+00	1.32E-10	2.55E-09	1.83E-02	0.00E+00	0.00E+00	0.00E+00	6.63E-04	2.63E-01	1.05E+02	0.00E+00	1.15E-08	3.86E-07	6.16E-02	1.88E-04	1.40E-01	0.00E+00	1.05E+02	2.95E-07	1.05E+02	1.05E+02	1.40E-01	0.00E+00	0.00E+00	0.00E+00	2.85E-02
HW1N304DB	6.75E-02	1.06E+01	0.00E+00	1.06E+01	0.00E+00	0.00E+00	6.98E+00	4.00E-06	3.16E-02	3.47E-01	0.00E+00	0.00E+00	1.87E-10	3.62E-09	2.60E-02	0.00E+00	0.00E+00	0.00E+00	9.43E-04	3.74E-01	1.49E+02	0.00E+00	1.63E-08	5.49E-07	8.76E-02	2.67E-04	1.98E-01	0.00E+00	1.49E+02	4.20E-07	1.49E+02	1.49E+02	1.98E-01	0.00E+00	0.00E+00	0.00E+00	4.05E-02
HW1N304DE	6.58E-02	1.04E+01	0.00E+00	1.04E+01	0.00E+00	0.00E+00	6.81E+00	3.90E-06	3.09E-02	3.39E-01	0.00E+00	0.00E+00	1.83E-10	3.53E-09	2.53E-02	0.00E+00	0.00E+00	0.00E+00	9.19E-04	3.65E-01	1.45E+02	0.00E+00	1.59E-08	5.35E-07	8.54E-02	2.60E-04	1.94E-01	0.00E+00	1.45E+02	4.09E-07	1.45E+02	1.45E+02	1.94E-01	0.00E+00	0.00E+00	0.00E+00	3.95E-02
HW1N304FB	4.42E-02	6.97E+00	0.00E+00	6.97E+00	0.00E+00	0.00E+00	4.57E+00	2.62E-06	2.07E-02	2.27E-01	0.00E+00	0.00E+00	1.23E-10	2.37E-09	1.70E-02	0.00E+00	0.00E+00	0.00E+00	6.17E-04	2.45E-01	9.73E+01	0.00E+00	1.07E-08	3.59E-07	5.73E-02	1.74E-04	1.30E-01	0.00E+00	9.73E+01	2.75E-07	9.73E+01	9.74E+01	1.30E-01	0.00E+00	0.00E+00	0.00E+00	2.65E-02
HW1N304FE	4.42E-02	6.97E+00	0.00E+00	6.97E+00	0.00E+00	0.00E+00	4.57E+00	2.62E-06	2.07E-02	2.27E-01	0.00E+00	0.00E+00	1.23E-10	2.37E-09	1.70E-02	0.00E+00	0.00E+00	0.00E+00	6.17E-04	2.45E-01	9.73E+01	0.00E+00	1.07E-08	3.59E-07	5.73E-02	1.74E-04	1.30E-01	0.00E+00	9.73E+01	2.75E-07	9.73E+01	9.74E+01	1.30E-01	0.00E+00	0.00E+00	0.00E+00	2.65E-02
HW1N306DB	6.75E-02	1.06E+01	0.00E+00	1.06E+01	0.00E+00	0.00E+00	6.98E+00	4.00E-06	3.16E-02	3.47E-01	0.00E+00	0.00E+00	1.87E-10	3.62E-09	2.60E-02	0.00E+00	0.00E+00	0.00E+00	9.43E-04	3.74E-01	1.49E+02	0.00E+00	1.63E-08	5.49E-07	8.76E-02	2.67E-04	1.98E-01	0.00E+00	1.49E+02	4.20E-07	1.49E+02	1.49E+02	1.98E-01	0.00E+00	0.00E+00	0.00E+00	4.05E-02
HW1N306DE	6.58E-02	1.04E+01	0.00E+00	1.04E+01	0.00E+00	0.00E+00	6.81E+00	3.90E-06	3.09E-02	3.39E-01	0.00E+00	0.00E+00	1.83E-10	3.53E-09	2.53E-02	0.00E+00	0.00E+00	0.00E+00	9.19E-04	3.65E-01	1.45E+02	0.00E+00	1.59E-08	5.35E-07	8.54E-02	2.60E-04	1.94E-01	0.00E+00	1.45E+02	4.09E-07	1.45E+02	1.45E+02	1.94E-01	0.00E+00	0.00E+00	0.00E+00	3.95E-02
HW1N306FB	4.42E-02	6.97E+00	0.00E+00	6.97E+00	0.00E+00	0.00E+00	4.57E+00	2.62E-06	2.07E-02	2.27E-01	0.00E+00	0.00E+00	1.23E-10	2.37E-09	1.70E-02	0.00E+00	0.00E+00	0.00E+00	6.17E-04	2.45E-01	9.73E+01	0.00E+00	1.07E-08	3.59E-07	5.73E-02	1.74E-04	1.30E-01	0.00E+00	9.73E+01	2.75E-07	9.73E+01	9.74E+01	1.30E-01	0.00E+00	0.00E+00	0.00E+00	2.65E-02
HW1N306FE	4.42E-02	6.97E+00	0.00E+00	6.97E+00	0.00E+00	0.00E+00	4.57E+00	2.62E-06	2.07E-02	2.27E-01	0.00E+00	0.00E+00	1.23E-10	2.37E-09	1.70E-02	0.00E+00	0.00E+00	0.00E+00	6.17E-04	2.45E-01	9.73E+01	0.00E+00	1.07E-08	3.59E-07	5.73E-02	1.74E-04	1.30E-01	0.00E+00	9.73E+01	2.75E-07	9.73E+01	9.74E+01	1.30E-01	0.00E+00	0.00E+00	0.00E+00	2.65E-02
HW1N308DB	6.75E-02	1.06E+01	0.00E+00	1.06E+01	0.00E+00	0.00E+00	6.98E+00	4.00E-06	3.16E-02	3.47E-01	0.00E+00	0.00E+00	1.87E-10	3.62E-09	2.60E-02	0.00E+00	0.00E+00	0.00E+00	9.43E-04	3.74E-01	1.49E+02	0.00E+00	1.63E-08	5.49E-07	8.76E-02	2.67E-04	1.98E-01	0.00E+00	1.49E+02	4.20E-07	1.49E+02	1.49E+02	1.98E-01	0.00E+00	0.00E+00	0.00E+00	4.05E-02
HW1N308DE	6.58E-02	1.04E+01	0.00E+00	1.04E+01	0.00E+00	0.00E+00	6.81E+00	3.90E-06	3.09E-02	3.39E-01	0.00E+00	0.00E+00	1.83E-10	3.53E-09	2.53E-02	0.00E+00	0.00E+00	0.00E+00	9.19E-04	3.65E-01	1.45E+02	0.00E+00	1.59E-08	5.35E-07	8.54E-02	2.60E-04	1.94E-01	0.00E+00	1.45E+02	4.09E-07	1.45E+02	1.45E+02	1.94E-01	0.00E+00	0.00E+00	0.00E+00	3.95E-02
HW1N308FB	4.42E-02	6.97E+00	0.00E+00	6.97E+00	0.00E+00	0.00E+00	4.57E+00	2.62E-06	2.07E-02	2.27E-01	0.00E+00	0.00E+00	1.23E-10	2.37E-09	1.70E-02	0.00E+00	0.00E+00	0.00E+00	6.17E-04	2.45E-01	9.73E+01	0.00E+00	1.07E-08	3.59E-07	5.73E-02	1.74E-04	1.30E-01	0.00E+00	9.73E+01	2.75E-07	9.73E+01	9.74E+01	1.30E-01	0.00E+00	0.00E+00	0.00E+00	2.65E-02
HW1N308FE	4.42E-02	6.97E+00	0.00E+00	6.97E+00	0.00E+00	0.00E+00	4.57E+00	2.62E-06	2.07E-02	2.27E-01	0.00E+00	0.00E+00	1.23E-10	2.37E-09	1.70E-02	0.00E+00	0.00E+00	0.00E+00	6.17E-04	2.45E-01	9.73E+01	0.00E+00	1.07E-08	3.59E-07	5.73E-02	1.74E-04	1.30E-01	0.00E+00	9.73E+01	2.75E-07	9.73E+01	9.74E+01	1.30E-01	0.00E+00	0.00E+00	0.00E+00	2.65E-02
HW1N310DB	6.75E-02	1.06E+01	0.00E+00	1.06E+01	0.00E+00	0.00E+00	6.98E+00	4.00E-06	3.16E-02	3.47E-01	0.00E+00	0.00E+00	1.87E-10	3.62E-09	2.60E-02	0.00E+00	0.00E+00	0.00E+00	9.43E-04	3.74E-01	1.49E+02	0.00E+00	1.63E-08	5.49E-07	8.76E-02	2.67E-04	1.98E-01	0.00E+00	1.49E+02	4.20E-07	1.49E+02	1.49E+02	1.98E-01	0.00E+00	0.00E+00	0.00E+00	4.05E-02
HW1N310DE	7.06E-02	1.11E+01	0.00E+00	1.11E+01	0.00E+00	0.00E+00	7.31E+00	4.18E-06	3.31E-02	3.63E-01	0.00E+00	0.00E+00	1.96E-10	3.79E-09	2.72E-02	0.00E+00	0.00E+00	0.00E+00	9.86E-04	3.92E-01	1.56E+02	0.00E+00	1.71E-08	5.75E-07	9.16E-02	2.79E-04	2.08E-01	0.00E+00	1.56E+02	4.39E-07	1.56E+02	1.56E+02	2.08E-01	0.00E+00	0.00E+00	0.00E+00	4.24E-02
HW1N310FB	4.42E-02	6.97E+00	0.00E+00	6.97E+00	0.00E+00	0.00E+00	4.57E+00	2.62E-06	2.07E-02	2.27E-01	0.00E+00	0.00E+00	1.23E-10	2.37E-09	1.70E-02	0.00E+00	0.00E+00	0.00E+00	6.17E-04	2.45E-01	9.73E+01	0.00E+00	1.07E-08	3.59E-07	5.73E-02	1.74E-04	1.30E-01	0.00E+00	9.73E+01	2.75E-07	9.73E+01	9.74E+01	1.30E-01	0.00E+00	0.00E+00	0.00E+00	2.65E-02
HW1N310FE	1.56E-02	2.47E+00	0.00E+00	2.47E+00	0.00E+00	0.00E+00	1.62E+00	9.26E-07	7.33E-03	8.04E-02	0.00E+00	0.00E+00	4.34E-11	8.40E-10	6.01E-03	0.00E+00	0.00E+00	0.00E+00	2.18E-04	8.67E-02	3.45E+01	0.00E+00	3.79E-09	1.27E-07	2.03E-02	6.17E-05	4.60E-02	0.00E+00	3.45E+01	9.72E-08	3.45E+01	3.45E+01	4.60E-02	0.00E+00	0.00E+00	0.00E+00	9.38E-03
HW1N312DB	6.58E-02	1.04E+01	0.00E+00	1.04E+01	0.00E+00	0.00E+00	6.81E+00	3.90E-06	3.09E-02	3.39E-01	0.00E+00	0.00E+00	1.83E-10	3.53E-09	2.53E-02	0.00E+00	0.00E+00	0.00E+00	9.19E-04	3.65E-01	1.45E+02	0.00E+00	1.59E-08	5.35E-07	8.54E-02	2.60E-04	1.94E-01	0.00E+00	1.45E+02	4.09E-07	1.45E+02	1.45E+02	1.94E-01	0.00E+00	0.00E+00	0.00E+00	3.95E-02
HW1N312DE	6.58E-02	1.04E+01	0.00E+00	1.04E+01	0.00E+00	0.00E+00	6.81E+00	3.90E-06	3.09E-02	3.39E-01	0.00E+00	0.00E+00	1.83E-10	3.53E-09	2.53E-02	0.00E+00	0.00E+00	0.00E+00	9.19E-04	3.65E-01	1.45E+02	0.00E+00	1.59E-08	5.35E-07	8.54E-02	2.60E-04	1.94E-01	0.00E+00	1.45E+02	4.09E-07	1.45E+02	1.45E+02	1.94E-01	0.00E+00	0.00E+00	0.00E+00	3.95E-02
HW1N312FB	4.42E-02	6.97E+00	0.00E+00	6.97E+00	0.00E+00	0.00E+00	4.57E+00	2.62E-06	2.07E-02	2.27E-01	0.00E+00	0.00E+00	1.23E-10	2.37E-09	1.70E-02	0.00E+00	0.00E+00	0.00E+00	6.17E-04	2.45E-01	9.73E+01	0.00E+00	1.07E-08	3.59E-07	5.73E-02	1.74E-04	1.30E-01	0.00E+00	9.73E+01	2.75E-07	9.73E+01	9.74E+01	1.30E-01	0.00E+00	0.00E+00	0.00E+00	2.65E-02
HW1N312FE	4.42E-02	6.97E+00	0.00E+00	6.97E+00	0.00E+00	0.00E+00	4.57E+00	2.62E-06	2.07E-02	2.27E-01	0.00E+00	0.00E+00	1.23E-10	2.37E-09	1.70E-02	0.00E+00	0.00E+00	0.00E+00	6.17E-04	2.45E-01	9.73E+01	0.00E+00	1.07E-08	3.59E-07	5.73E-02	1.74E-04	1.30E-01	0.00E+00	9.73E+01	2.75E-07	9.73E+01	9.74E+01	1.30E-01	0.00E+00	0.00E+00	0.00E+00	2.65E-02
HW1N316DB	6.75E-02	1.06E+01	0.00E+00	1.06E+01	0.00E+00	0.00E+00	6.98E+00	4.00E-06	3.16E-02	3.47E-01	0.00E+00	0.00E+00	1.87E-10	3.62E-09	2.60E-02	0.00E+00	0.00E+00	0.00E+00	9.43E-04	3.74E-01	1.49E+02	0.00E+00	1.63E-08	5.49E-07	8.76E-02	2.67E-04	1.98E-01	0.00E+00	1.49E+02	4.20E-07	1.49E+02	1.49E+02	1.98E-01	0.00E+00	0.00E+00	0.00E+00	4.05E-02

HW1N316DE	7.06E-02	1.11E+01	0.00E+00	1.11E+01	0.00E+00	0.00E+00	7.31E+00	4.18E-06	3.31E-02	3.63E-01	0.00E+00	0.00E+00	1.96E-10	3.79E-09	2.72E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.86E-04	3.92E-01	1.56E+02	0.00E+00	1.71E-08	5.75E-07	9.16E-02	2.79E-04	2.08E-01	0.00E+00	1.56E+02	4.39E-07	1.56E+02	1.56E+02	2.08E-01	0.00E+00	0.00E+00	0.00E+00	4.24E-02
HW1N316FB	4.42E-02	6.97E+00	0.00E+00	6.97E+00	0.00E+00	0.00E+00	4.57E+00	2.62E-06	2.07E-02	2.27E-01	0.00E+00	0.00E+00	1.23E-10	2.37E-09	1.70E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.17E-04	2.45E-01	9.73E+01	0.00E+00	1.07E-08	3.59E-07	5.73E-02	1.74E-04	1.30E-01	0.00E+00	9.73E+01	2.75E-07	9.73E+01	9.74E+01	1.30E-01	0.00E+00	0.00E+00	0.00E+00	2.65E-02
HW1N316FE	4.42E-02	6.97E+00	0.00E+00	6.97E+00	0.00E+00	0.00E+00	4.57E+00	2.62E-06	2.07E-02	2.27E-01	0.00E+00	0.00E+00	1.23E-10	2.37E-09	1.70E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.17E-04	2.45E-01	9.73E+01	0.00E+00	1.07E-08	3.59E-07	5.73E-02	1.74E-04	1.30E-01	0.00E+00	9.73E+01	2.75E-07	9.73E+01	9.74E+01	1.30E-01	0.00E+00	0.00E+00	0.00E+00	2.65E-02
HW1N404DB	6.47E-02	1.02E+01	0.00E+00	1.02E+01	0.00E+00	0.00E+00	6.69E+00	3.83E-06	3.03E-02	3.33E-01	0.00E+00	0.00E+00	1.80E-10	3.47E-09	2.49E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.03E-04	3.59E-01	1.43E+02	0.00E+00	1.57E-08	5.26E-07	8.39E-02	2.55E-04	1.90E-01	0.00E+00	1.43E+02	4.02E-07	1.43E+02	1.43E+02	1.90E-01	0.00E+00	0.00E+00	0.00E+00	3.88E-02
HW1N404DE	7.49E-02	1.18E+01	0.00E+00	1.18E+01	0.00E+00	0.00E+00	7.75E+00	4.44E-06	3.51E-02	3.85E-01	0.00E+00	0.00E+00	2.08E-10	4.02E-09	2.88E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03	4.15E-01	1.65E+02	0.00E+00	1.81E-08	6.09E-07	9.71E-02	2.96E-04	2.20E-01	0.00E+00	1.65E+02	4.66E-07	1.65E+02	1.65E+02	2.20E-01	0.00E+00	0.00E+00	0.00E+00	4.49E-02
HW1N404FB	4.86E-02	7.67E+00	0.00E+00	7.67E+00	0.00E+00	0.00E+00	5.03E+00	2.88E-06	2.28E-02	2.50E-01	0.00E+00	0.00E+00	1.35E-10	2.61E-09	1.87E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.79E-04	2.70E-01	1.07E+02	0.00E+00	1.18E-08	3.96E-07	6.31E-02	1.92E-04	1.43E-01	0.00E+00	1.07E+02	3.02E-07	1.07E+02	1.07E+02	1.43E-01	0.00E+00	0.00E+00	0.00E+00	2.92E-02
HW1N404FE	4.75E-02	7.49E+00	0.00E+00	7.49E+00	0.00E+00	0.00E+00	4.92E+00	2.81E-06	2.23E-02	2.44E-01	0.00E+00	0.00E+00	1.32E-10	2.55E-09	1.83E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.63E-04	2.63E-01	1.05E+02	0.00E+00	1.15E-08	3.86E-07	6.16E-02	1.88E-04	1.40E-01	0.00E+00	1.05E+02	2.95E-07	1.05E+02	1.05E+02	1.40E-01	0.00E+00	0.00E+00	0.00E+00	2.85E-02
HW1N406DB	6.47E-02	1.02E+01	0.00E+00	1.02E+01	0.00E+00	0.00E+00	6.69E+00	3.83E-06	3.03E-02	3.33E-01	0.00E+00	0.00E+00	1.80E-10	3.47E-09	2.49E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.03E-04	3.59E-01	1.43E+02	0.00E+00	1.57E-08	5.26E-07	8.39E-02	2.55E-04	1.90E-01	0.00E+00	1.43E+02	4.02E-07	1.43E+02	1.43E+02	1.90E-01	0.00E+00	0.00E+00	0.00E+00	3.88E-02
HW1N406DE	7.49E-02	1.18E+01	0.00E+00	1.18E+01	0.00E+00	0.00E+00	7.75E+00	4.44E-06	3.51E-02	3.85E-01	0.00E+00	0.00E+00	2.08E-10	4.02E-09	2.88E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03	4.15E-01	1.65E+02	0.00E+00	1.81E-08	6.09E-07	9.71E-02	2.96E-04	2.20E-01	0.00E+00	1.65E+02	4.66E-07	1.65E+02	1.65E+02	2.20E-01	0.00E+00	0.00E+00	0.00E+00	4.49E-02
HW1N406FB	4.86E-02	7.67E+00	0.00E+00	7.67E+00	0.00E+00	0.00E+00	5.03E+00	2.88E-06	2.28E-02	2.50E-01	0.00E+00	0.00E+00	1.35E-10	2.61E-09	1.87E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.79E-04	2.70E-01	1.07E+02	0.00E+00	1.18E-08	3.96E-07	6.31E-02	1.92E-04	1.43E-01	0.00E+00	1.07E+02	3.02E-07	1.07E+02	1.07E+02	1.43E-01	0.00E+00	0.00E+00	0.00E+00	2.92E-02
HW1N406FE	4.75E-02	7.49E+00	0.00E+00	7.49E+00	0.00E+00	0.00E+00	4.92E+00	2.81E-06	2.23E-02	2.44E-01	0.00E+00	0.00E+00	1.32E-10	2.55E-09	1.83E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.63E-04	2.63E-01	1.05E+02	0.00E+00	1.15E-08	3.86E-07	6.16E-02	1.88E-04	1.40E-01	0.00E+00	1.05E+02	2.95E-07	1.05E+02	1.05E+02	1.40E-01	0.00E+00	0.00E+00	0.00E+00	2.85E-02
HW1N408DB	6.47E-02	1.02E+01	0.00E+00	1.02E+01	0.00E+00	0.00E+00	6.69E+00	3.83E-06	3.03E-02	3.33E-01	0.00E+00	0.00E+00	1.80E-10	3.47E-09	2.49E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.03E-04	3.59E-01	1.43E+02	0.00E+00	1.57E-08	5.26E-07	8.39E-02	2.55E-04	1.90E-01	0.00E+00	1.43E+02	4.02E-07	1.43E+02	1.43E+02	1.90E-01	0.00E+00	0.00E+00	0.00E+00	3.88E-02
HW1N408DE	7.49E-02	1.18E+01	0.00E+00	1.18E+01	0.00E+00	0.00E+00	7.75E+00	4.44E-06	3.51E-02	3.85E-01	0.00E+00	0.00E+00	2.08E-10	4.02E-09	2.88E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03	4.15E-01	1.65E+02	0.00E+00	1.81E-08	6.09E-07	9.71E-02	2.96E-04	2.20E-01	0.00E+00	1.65E+02	4.66E-07	1.65E+02	1.65E+02	2.20E-01	0.00E+00	0.00E+00	0.00E+00	4.49E-02
HW1N408FB	4.86E-02	7.67E+00	0.00E+00	7.67E+00	0.00E+00	0.00E+00	5.03E+00	2.88E-06	2.28E-02	2.50E-01	0.00E+00	0.00E+00	1.35E-10	2.61E-09	1.87E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.79E-04	2.70E-01	1.07E+02	0.00E+00	1.18E-08	3.96E-07	6.31E-02	1.92E-04	1.43E-01	0.00E+00	1.07E+02	3.02E-07	1.07E+02	1.07E+02	1.43E-01	0.00E+00	0.00E+00	0.00E+00	2.92E-02
HW1N408FE	4.75E-02	7.49E+00	0.00E+00	7.49E+00	0.00E+00	0.00E+00	4.92E+00	2.81E-06	2.23E-02	2.44E-01	0.00E+00	0.00E+00	1.32E-10	2.55E-09	1.83E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.63E-04	2.63E-01	1.05E+02	0.00E+00	1.15E-08	3.86E-07	6.16E-02	1.88E-04	1.40E-01	0.00E+00	1.05E+02	2.95E-07	1.05E+02	1.05E+02	1.40E-01	0.00E+00	0.00E+00	0.00E+00	2.85E-02
HW1N410DB	6.47E-02	1.02E+01	0.00E+00	1.02E+01	0.00E+00	0.00E+00	6.69E+00	3.83E-06	3.03E-02	3.33E-01	0.00E+00	0.00E+00	1.80E-10	3.47E-09	2.49E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.03E-04	3.59E-01	1.43E+02	0.00E+00	1.57E-08	5.26E-07	8.39E-02	2.55E-04	1.90E-01	0.00E+00	1.43E+02	4.02E-07	1.43E+02	1.43E+02	1.90E-01	0.00E+00	0.00E+00	0.00E+00	3.88E-02
HW1N410DE	7.49E-02	1.18E+01	0.00E+00	1.18E+01	0.00E+00	0.00E+00	7.75E+00	4.44E-06	3.51E-02	3.85E-01	0.00E+00	0.00E+00	2.08E-10	4.02E-09	2.88E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03	4.15E-01	1.65E+02	0.00E+00	1.81E-08	6.09E-07	9.71E-02	2.96E-04	2.20E-01	0.00E+00	1.65E+02	4.66E-07	1.65E+02	1.65E+02	2.20E-01	0.00E+00	0.00E+00	0.00E+00	4.49E-02
HW1N410FB	4.86E-02	7.67E+00	0.00E+00	7.67E+00	0.00E+00	0.00E+00	5.03E+00	2.88E-06	2.28E-02	2.50E-01	0.00E+00	0.00E+00	1.35E-10	2.61E-09	1.87E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.79E-04	2.70E-01	1.07E+02	0.00E+00	1.18E-08	3.96E-07	6.31E-02	1.92E-04	1.43E-01	0.00E+00	1.07E+02	3.02E-07	1.07E+02	1.07E+02	1.43E-01	0.00E+00	0.00E+00	0.00E+00	2.92E-02
HW1N410FE	4.75E-02	7.49E+00	0.00E+00	7.49E+00	0.00E+00	0.00E+00	4.92E+00	2.81E-06	2.23E-02	2.44E-01	0.00E+00	0.00E+00	1.32E-10	2.55E-09	1.83E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.63E-04	2.63E-01	1.05E+02	0.00E+00	1.15E-08	3.86E-07	6.16E-02	1.88E-04	1.40E-01	0.00E+00	1.05E+02	2.95E-07	1.05E+02	1.05E+02	1.40E-01	0.00E+00	0.00E+00	0.00E+00	2.85E-02
HW1N412DB	6.47E-02	1.02E+01	0.00E+00	1.02E+01	0.00E+00	0.00E+00	6.69E+00	3.83E-06	3.03E-02	3.33E-01	0.00E+00	0.00E+00	1.80E-10	3.47E-09	2.49E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.03E-04	3.59E-01	1.43E+02	0.00E+00	1.57E-08	5.26E-07	8.39E-02	2.55E-04	1.90E-01	0.00E+00	1.43E+02	4.02E-07	1.43E+02	1.43E+02	1.90E-01	0.00E+00	0.00E+00	0.00E+00	3.88E-02
HW1N412DE	7.49E-02	1.18E+01	0.00E+00	1.18E+01	0.00E+00	0.00E+00	7.75E+00	4.44E-06	3.51E-02	3.85E-01	0.00E+00	0.00E+00	2.08E-10	4.02E-09	2.88E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03	4.15E-01	1.65E+02	0.00E+00	1.81E-08	6.09E-07	9.71E-02	2.96E-04	2.20E-01	0.00E+00	1.65E+02	4.66E-07	1.65E+02	1.65E+02	2.20E-01	0.00E+00	0.00E+00	0.00E+00	4.49E-02
HW1N412FB	4.86E-02	7.67E+00	0.00E+00	7.67E+00	0.00E+00	0.00E+00	5.03E+00	2.88E-06	2.28E-02	2.50E-01	0.00E+00	0.00E+00	1.35E-10	2.61E-09	1.87E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.79E-04	2.70E-01	1.07E+02	0.00E+00	1.18E-08	3.96E-07	6.31E-02	1.92E-04	1.43E-01	0.00E+00	1.07E+02	3.02E-07	1.07E+02	1.07E+02	1.43E-01	0.00E+00	0.00E+00	0.00E+00	2.92E-02
HW1N412FE	4.75E-02	7.49E+00	0.00E+00	7.49E+00	0.00E+00	0.00E+00	4.92E+00	2.81E-06	2.23E-02	2.44E-01	0.00E+00	0.00E+00	1.32E-10	2.55E-09	1.83E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.63E-04	2.63E-01	1.05E+02	0.00E+00	1.15E-08	3.86E-07	6.16E-02	1.88E-04	1.40E-01	0.00E+00	1.05E+02	2.95E-07	1.05E+02	1.05E+02	1.40E-01	0.00E+00	0.00E+00	0.00E+00	2.85E-02
HW1N416DB	6.47E-02	1.02E+01	0.00E+00	1.02E+01	0.00E+00	0.00E+00	6.69E+00	3.83E-06	3.03E-02	3.33E-01	0.00E+00	0.00E+00	1.80E-10	3.47E-09	2.49E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.03E-04	3.59E-01	1.43E+02	0.00E+00	1.57E-08	5.26E-07	8.39E-02	2.55E-04	1.90E-01	0.00E+00	1.43E+02	4.02E-07	1.43E+02	1.43E+02	1.90E-01	0.00E+00	0.00E+00	0.00E+00	3.88E-02
HW1N416DE	7.49E-02	1.18E+01	0.00E+00	1.18E+01	0.00E+00	0.00E+00	7.75E+00	4.44E-06	3.51E-02	3.85E-01	0.00E+00	0.00E+00	2.08E-10	4.02E-09	2.88E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03	4.15E-01	1.65E+02	0.00E+00	1.81E-08	6.09E-07	9.71E-02	2.96E-04	2.20E-01	0.00E+00	1.65E+02	4.66E-07	1.65E+02	1.65E+02	2.20E-01	0.00E+00	0.00E+00	0.00E+00	4.49E-02
HW1N416FB	3.94E-02	6.21E+00	0.00E+00	6.21E+00	0.00E+00	0.00E+00	4.07E+00	2.33E-06	1.85E-02	2.03E-01	0.00E+00	0.00E+00	1.09E-10	2.11E-09	1.51E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.50E-04	2.18E-01	8.68E+01	0.00E+00	9.53E-09	3.20E-07	5.11E-02	1.55E-04	1.16E-01	0.00E+00	8.68E+01	2.45E-07	8.68E+01	8.69E+01	1.16E-01	0.00E+00	0.00E+00	0.00E+00	2.36E-02
HW1N416FE	4.75E-02	7.49E+00	0.00E+00	7.49E+00	0.00E+00	0.00E+00	4.92E+00	2.81E-06	2.23E-02	2.44E-01	0.00E+00	0.00E+00	1.32E-10	2.55E-09	1.83E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.63E-04	2.63E-01	1.05E+02	0.00E+00	1.15E-08	3.86E-07	6.16E-02	1.88E-04	1.40E-01	0.00E+00	1.05E+02	2.95E-07	1.05E+02	1.05E+02	1.40E-01	0.00E+00	0.00E+00	0.00E+00	2.85E-02
HW1W304DS	5.68E-02	8.96E+00	0.00E+00	8.96E+00	0.00E+00	0.00E+00	5.88E+00	3.37E-06	2.66E-02	2.92E-01	0.00E+00	0.00E+00	1.58E-10	3.05E-09	2.19E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.93E-04	3.15E-01	1.25E+02	0.00E+00	1.38E-08	4.62E-07	7.37E-02	2.24E-04	1.67E-01	0.00E+00	1.25E+02	3.53E-07	1.25E+02	1.25E+02	1.67E-01	0.00E+00	0.00E+00	0.00E+00	3.41E-02
HW1W304FS	4.42E-02	6.97E+00	0.00E+00	6.97E+00	0.00E+00	0.00E+00	4.57E+00	2.62E-06	2.07E-02	2.27E-01	0.00E+00	0.00E+00	1.23E-10	2.37E-09	1.70E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.17E-04	2.45E-01	9.73E+01	0.00E+00	1.07E-08	3.59E-07	5.73E-02	1.74E-04	1.30E-01	0.00E+00	9.73E+01	2.75E-07	9.73E+01	9.74E+01	1.30E-01	0.00E+00	0.00E+00	0.00E+00	2.65E-02
HW1W306DS	5.68E-02	8.96E+00	0.00E+00	8.96E+00	0.00E+00	0.00E+00	5.88E+00	3.37E-06	2.66E-02	2.92E-01	0.00E+00	0.00E+00	1.58E-10	3.05E-09	2.19E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.93E-04	3.15E-01	1.25E+02	0.00E+00	1.38E-08	4.62E-07	7.37E-02	2.24E-04	1.67E-01	0.00E+00	1.25E+02	3.53E-07	1.25E+02	1.25E+02	1.67E-01	0.00E+00	0.00E+00	0.00E+00	3.41E-02
HW1W306FS	4.42E-02	6.97E+00	0.00E+00	6.97E+00	0.00E+00	0.00E+00	4.57E+00	2.62E-06	2.07E-02	2.27E-01	0.00E+00	0.00E+00	1.23E-10	2.37E-09	1.70E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.17E-04	2.45E-01	9.73E+01	0.00E+00	1.07E-08	3.59E-07	5.73E-02	1.74E-04	1.30E-01	0.00E+00	9.73E+01	2.75E-07	9.73E+01	9.74E+01	1.30E-01	0.00E+00	0.00E+00	0.00E+00	2.65E-02
HW1W308DS	5.68E-02	8.96E+00	0.00E+00	8.96E+00	0.00E+00	0.00E+00	5.88E+00	3.37E-06	2.66E-02	2.92E-01	0.00E+00	0.00E+00	1.58E-10	3.05E-09	2.19E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.93E-04	3.15E-01	1.25E+02	0.00E+00	1.38E-08	4.62E-07	7.37E-02	2.24E-04	1.67E-01	0.00E+00	1.25E+02	3.53E-07	1.25E+02	1.25E+02	1.67E-01	0.00E+00	0.00E+00	0.00E+00	3.41E-02
HW1W308FS	4.71E-02	6.97E+00	0.00E+00	6.97E+00	0.00E+00	0.00E+00	4.57E+00	2.62E-06	2.07E-02	2.27E-01	0.00E+00	0.00E+00	1.23E-10	2.37E-09	1.70E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.17E-04	2.45E-01	9.73E+01	0.00E+00	1.07E-08	3.59E-07	5.73E-02	1.74E-04	1.30E-01	0.00E+00	9.73E+01	2.75E-07	9.73E+01	9.74E+01	1.30E-01	0.00E+00	0.00E+00	0.00E+00	2.65E-02
HW1W310DS	7.23E-02	1.07E+01	0.00E+00	1.07E+01	0.00E+00	0.00E+00	7.02E+00	4.02E-06	3.18E-02	3.49E-01	0.00E+00	0.00E+00	1.88E-10	3.64E-09	2.61E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.47E-04	3.76E-01	1.49E+02	0.00E+00	1.64E-08	5.52E-07	8.80E-02	2.68E-04	1.99E-01	0.00E+00	1.49E+02	4.22E-07	1.49E+02	1.50E+02	1.99E-01	0.00E+00	0.00E+00	0.00E+00	4.07E-02
HW1W310FS	4.42E-02	6.97E+00	0.00E+00	6.97E+00	0.00E+00	0.00E+00	4.57E+00	2.62E-06	2.07E-02	2.27E-01	0.00E+00	0.00E+00	1.23E-10	2.37E-09	1.70E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.17E-04	2.45E-01	9.73E+01	0.00E+00	1.07E-08	3.59E-07	5.73E-02	1.74E-04	1.30E-01	0.00E+00	9.73E+01	2.75E-07	9.73E+01	9.74E+01	1.30E-01	0.00E+00	0.00E+00	0.00E+00	2.65E-02
HW1W312DS	5.68E-02	8.96E+00	0.00E+00	8.96E+00	0.00E+00	0.00E+00	5.88E+00	3.37E-06	2.66E-02	2.92E-01	0.00E+00	0.00E+00	1.58E-10	3.05E-09	2.19E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.93E-04	3.15E-01	1.25E+02	0.00E+00	1.38E-08	4.62E-07	7.37E-02	2.24E-04	1.67E-01	0.00E+00	1.25E+02	3.53E-07	1.25E+02	1.25E+02	1.67E-01	0.00E+00	0.00E+00	0.00E+00	3.41E-02
HW1W312FS	4.42E-02	6.97E+00	0.00E+00	6.97E+00	0.00E+00	0.00E+00	4.57E+00	2.62E-06	2.07E-02	2.27E-01	0.00E+00	0.00E+00	1.23E-10	2.37E-09	1.70E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.17E-04	2.45E-01	9.73E+01	0.00E+00	1.07E-08	3.59E-07	5.73E-02	1.74E-04	1.30E-01	0.00E+00	9.73E+01	2.75E-07	9.73E+01	9.74E+01	1.30E-01	0.00E+00	0.00E+00	0.00E+00	2.65E-02
HW1W316DS	5.68E-02	8.96E+00	0.00E+00	8.96E+00	0.00E+00	0.00E+00	5.88E+00	3.37E-06	2.66E-02	2.92E-01	0.00E+00	0.00E+00	1.58E-10	3.05E-09	2.19E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.93E-04	3.15E-01	1.25E+02	0.00E+00	1.38E-08	4.62E-07	7.37E-02	2.24E-04	1.67E-01	0.00E+00	1.25E+02	3.53E-07	1.25E+02	1.25E+02	1.67E-01	0.00E+00	0.00E+00	0.00E+00	3.41E-02
HW1W316FS	4.42E-02	6.97E+00	0.00E+00	6.97E+00	0.00E+00	0.00E+00	4.57E+00	2.62E-06	2.07E-02	2.27E-01	0.00E+00	0.00E+00	1.23E-10	2.37E-09	1.70E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.17E-04	2.45E-01	9.73E+01	0.00E+00	1.07E-08	3.59E-07	5.73E-02	1.74E-04	1.30E-01	0.00E+00	9.73E+01	2.75E-07	9.73E+01	9.74E+01	1.30E-01	0.00E+00	0.00E+00	0.00E+00	2.65E-02
HW1W404DS	7.35E-02	1.16E+01	0.00E+00	1.16E+01	0.00E+00	0.00E+00	7.60E+00	4.35E-06	3.44E-02	3.78E-01	0.00E+00	0.00E+00	2.04E-10	3.94E-09	2.83E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03	4.07E-01	1.62E+02	0.00E+00	1.78E-08	5.97E-07	9.53E-02	2.90E-04	2.16E-01	0.00E+00	1.62E+02	4.57E-07	1.62E+02	1.62E+02	2.16E-01	0.00E+00	0.00E+00	0.00E+00	4.41E-02
HW1W404FS	4.75E-02	7.49E+00	0.00E+00	7.49E+00	0.00E+00	0.00E+00	4.92E+00	2.81E-06	2.23E-02	2.44E-01	0.00E+00	0.00E+00	1.32E-10	2.55E-09	1.83E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.63E-04	2.63E-01	1.05E+02	0.00E+00	1.15E-08	3.86E-07	6.16E-02	1.88E-04	1.40E-01	0.00E+00	1.05E+02	2.95E-07	1.05E+02	1.05E+02	1.40E-01	0.00E+00	0.00E+00	0.00E+00	2.85E-02
HW1W406DS	6.47E-02	1.02E+01	0.00E+00	1.02E+01	0.00E+00	0.00E+00	6.69E+00	3.83E-06	3.03E-02	3.33E-01	0.00E+00	0.00E+00	1.80E-10	3.47E-09	2.49E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.03E-04	3.59E-01	1.43E+02	0.00E+00	1.57E-08	5.26E-07	8.39E-02	2.55E-04	1.90E-01	0.00E+00	1.43E+02	4.02E-07	1.43E+02	1.43E+02	1.90E-01	0.00E+00	0.00E+00	0.00E+00	3.88E-02
HW1W406FS	4.75E-02	7.49E+00	0.00E+00	7.49E+00	0.00E+00	0.00E+00	4.92E+00	2.81E-06	2.23E-02	2.44E-01	0.00E+00	0.00E+00	1.32E-10	2.55E-09	1.83E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.63E-04	2.63E-01	1.05E+02	0.00E+00	1.15E-08	3.86E-07	6.16E-02	1.88E-04	1.40E-01	0.00E+00	1.05E+02	2.95E-07	1.05E+02	1.05E+02	1.40E-01	0.00E+00	0.00E+00	0.00E+00	2.85E-02
HW1W408DS	6.47E-02	1.02E+01	0.00E+00	1.02E+01	0.00E+00	0.00E+00	6.69E+00	3.83E-06	3.03E-02	3.33E-01	0.00E+00	0.00E+00	1.80E-10	3.47E-09	2.49E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.03E-04	3.59E-01	1.43E+02	0.00E+00	1.57E-08	5.26E-07	8.39E-02	2.55E-04	1.90E-01	0.00E+00	1.43E+02	4.02E-07	1.43E+02	1.43E+02	1.90E-01	0.00E+00	0.00E+00	0.00E+00	3.88E-02
HW1W408FS	4.75E-02	7.49E+00	0.00E+00	7.49E+00	0.00E+00	0.00E+00	4.92E+00	2.81E-06	2.23E-02	2.44E-01	0.00E+00	0.00E+00	1.32E-10	2.55E-09	1.83E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.63E-04	2.63E-01	1.05E+02	0.00E+00	1.15E-08	3.86E-07	6.16E-02	1.88E-04	1.40E-01	0.00E+00	1.05E+02	2.95E-07	1.05E+02	1.05E+02	1.40E-01	0.00E+00	0.00E+00	0.00E+00	2.85E-02
HW1W410DS	6.47E-02	1.02E+01	0.00E+00	1.02E+01	0.00E+00	0.00E+00	6.69E+00	3.83E-06	3.03E-02	3.33E-01	0.00E+00	0.00E+00	1.80E-10	3.47E-09	2.49E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.03E-04	3.59E-01	1.43E+02	0.00E+00	1.57E-08	5.26E-07	8.39E-02	2.55E-04	1.90E-01	0.00E+00	1.43E+02	4.02E-07	1.43E+02	1.43E+02	1.90E-01	0.00E+00	0.00E+00	0.00E+00	3.88E-02
HW1W410FS	4.75E-02	7.49E+00	0.00E+00	7.49E+00	0.00E+00	0.00E+00	4.92E+00	2.81E-06	2.23E-02	2.44E-01	0.00E+00	0.00E+00	1.32E-10	2.55E-09	1.83E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.63E-04	2.63E-01	1.05E+02	0.00E+00	1.15E-08	3.86E-07	6.16E-02	1.88E-04	1.40E-01	0.00E+00	1.05E+02	2.95E-07	1.05E+02	1.05E+02	1.40E-01	0.00E+00	0.00E+00	0.00E+00	2.85E-02
HW1W412DS	6.47E-02	1.02E+01	0.00E+00	1.02E+01	0.00E+00	0.00E+00	6.69E+00	3.83E-06	3.03E-02	3.33E-01	0.00E+00	0.00E+00	1.80E-10	3.47E-09	2.49E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.03E-04	3.59E-01	1.43E+02	0.00E+00	1.57E-08	5.26E-07	8.39E-02	2.55E-04	1.90E-01	0.00E+00	1.43E+02	4.02E-07	1.43E+02	1.43E+02	1.90E-01	0.00E+00	0.00E+00	0.00E+00	3.88E-02
HW1W412FS	4.75E-02	7.49E+00	0.00E+00	7.49E+00	0.00E+00	0.00E+00	4.92E+00	2.81E-06	2.23E-02	2.44E-01	0.00E+00	0.00E+00	1.32E-10	2.55E-09	1.83E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.63E-04	2.63E-01	1.05E+02	0.00E+00	1.15E-08	3.86E-07	6.16E-02	1.88E-04	1.40E-01	0.00E+00	1.05E+02	2.95E-07	1.05E+02	1.05E+02	1.40E-01	0.00E+00	0.00E+00	0.00E+00	2.85E-02
HW1W416DS	6.47E-02	1.02E+01	0.00E+00	1.02E+01	0.00E+00	0.00E+00	6.69E+00	3.83E-06	3.03E-02	3.33E-01	0.00E+00	0.00E+00	1.80E-10	3.47E-09	2.49E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.03E-04	3.59E-01	1.43E+02	0.00E+00	1.57E-08	5.26E-07	8.39E-02	2.55E-04	1.90E-01	0.00E+00	1.43E+02	4.02E-07	1.43E+02	1.43E+02	1.90E-01	0.00E+00	0.00E+00	0.00E+00	3.88E-02
HW1W416FS	4.75E-02	7.49E+00	0.00E+00	7.49E+00	0.00E+00	0.00E+00	4.92E+00	2.81E-06	2.23E-02	2.44E-01	0.00E+00	0.00E+00	1.32E-10	2.55E-09	1.83E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.63E-04	2.63E-01	1.05E+02	0.00E+00	1.15E-08	3.86E-07	6.16E-02	1.88E-04	1.40E-01	0.00E+00	1.05E+02	2.95E-07	1.05E+02	1.05E+02	1.40E-01	0.00E+00	0.00E+00	0.00E+00	2.85E-02
HF2S325DCIH-MTS	1.27E-01	2.01E+01	0.00E+00	2.01E+01	0.00E+00	0.00E+00	1.32E+01	7.54E-06	5.97E-02	6.55E-01	0.00E+00	0.00E+00	3.53E-10	6.84E-09	4.90E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-03	7.06E-01	2.81E+02	0.00E+00	3.08E-08	1.04E-06	1.65E-01	5.03E-04	3.74E-01	0.00E+00	2.81E+02	7.92E-07	2.81E+02	2.81E+02	3.74E-01	0.00E+00	0.00E+00	0.00E+00	7.64E-02
HF2S325DEIH-MTS	1.27E-01	2.01E+01	0.00E+00	2.01E+01	0.00E+00	0.00E+00	1.32E+01	7.54E-06	5.97E-02	6.55E-01	0.00E+00	0.00E+00	3.53E-10	6.84E-09	4.90E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-03	7.06E-01	2.81E+02	0.00E+00	3.08E-08	1.04E-06	1.65E-01	5.03E-04	3.74E-01	0.00E+00	2.81E+02	7.92E-07	2.81E+02	2.81E+02	3.74E-01	0.00E+00	0.00E+00	0.00E+00	7.64E-02
HF2S425DCIH-MTS	1.50E-01	2.36E+01	0.00E+00	2.36E+01	0.00E+00	0.00E+00	1.55E+01	8.87E-06	7.02E-02	7.70E-01	0.00E+00	0.00E+00	4.15E-10	8.04E-09	5.76E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03	8.30E-01	3.30E+02	0.00E+00	3.62E-08	1.22E-06	1.94E-01	5.91E-04	4.40E-01	0.00E+00	3.30E+02	9.31E-07	3.30E+02	3.30E+02	4.40E-01	0.00E+00	0.00E+00	0.00E+00	8.98E-02
HF2S425DEIH-MTS	1.50E-01	2.36E+01	0.00E+00	2.36E+01	0.00E+00	0.00E+00	1.55E+01	8.87E-06	7.02E-02	7.70E-01	0.00E+00	0.00E+00	4.15E-10	8.04E-09	5.76E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03	8.30E-01	3.30E+02	0.00E+00	3.62E-08	1.22E-06	1.94E-01	5.91E-04	4.40E-01	0.00E+00	3.30E+02	9.31E-07	3.30E+02	3.30E+02	4.40E-01	0.00E+00	0.00E+00	0.00E+00	8.98E-02
HF2W325DSAH-MTS	1.26E-01	1.99E+01	0.00E+00	1.99E+01	0.00E+00	0.00E+00	1.31E+01	7.48E-06	5.92E-02	6.49E-01	0.00E+00	0.00E+00	3.50E-10	6.78E-09	4.86E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-03	7.00E-01	2.78E+02	0.00E+00	3.06E-08	1.03E-06	1.64E-01	4.98E-04	3.71E-01	0.00E+00	2.78E+02	7.85E-07	2.78E+02	2.78E+02	3.71E-01	0.00E+00	0.00E+00	0.00E+00	7.57E-02
HF2W425DSAH-MTS	1.47E-01	2.33E+01	0.00E+00	2.33E+01	0.00E+00	0.00E+00	1.53E+01	8.73E-06	6.91E-02	7.58E-01	0.00E+00	0.00E+00	4.09E-10	7.92E-09	5.67E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-03	8.17E-01	3.25E+02	0.00E+00	3.57E-08	1.20E-06	1.91E-01	5.82E-04	4.33E-01	0.00E+00	3.25E+02	9.17E-07	3.25E+02	3.25E+02	4.33E-01	0.00E+00	0.00E+00	0.00E+00	8.84E-02
HF2W420FSAI-MTS	1.01E-01	1.59E+01	0.00E+00	1.59E+01	0.00E+00	0.00E+00	1.04E+01	5.96E-06	4.71E-02	5.17E-01	0.00E+00	0.00E+00	2.79E-10	5.40E-09	3.87E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03	5.57E-01	2.22E+02	0.00E+00	2.43E-08	8.18E-07	1.30E-01	3.97E-04	2.96E-01	0.00E+00	2.22E+02	6.25E-07	2.22E+02	2.22E+02	2.96E-01	0.00E+00	0.00E+00	0.00E+00	6.03E-02
HF2E420FCHI-MTS	1.01E-01	1.59E+01	0.00E+00	1.59E+01	0.00E+00	0.00E+00	1.04E+01	5.96E-06	4.71E-02	5.17E-01	0.00E+00	0.00E+00	2.79E-10	5.40E-09	3.87E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03	5.57E-01	2.22E+02	0.00E+00	2.43E-08	8.18E-07	1.30E-01	3.97E-04	2.96E-01	0.00E+00	2.22E+02	6.25E-07	2.22E+02	2.22E+02	2.96E-01	0.00E+00	0.00E+00	0.00E+00	6.03E-02
HF2S325FCIH-MTS	8.64E-02	1.36E+01	0.00E+00	1.36E+01	0.00E+00	0.00E+00	8.94E+00	5.12E-06	4.05E-02	4.44E-01	0.00E+00	0.00E+00	2.40E-10	4.64E-09	3.32E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03	4.79E-01	1.90E+02	0.00E+00	2.09E-08	7.03E-07	1.12E-01	3.41E-04	2.54E-01	0.00E+00	1.90E+02	5.37E-07	1.90E+02	1.91E+02	2.54E-01	0.00E+00	0.00E+00	0.00E+00	5.18E-02
HF2S325FEIH-MTS	8.64E-02	1.36E+01	0.00E+00	1.36E+01	0.00E+00	0.00E+00	8.94E+00	5.12E-06	4.05E-02	4.44E-01	0.00E+00	0.00E+00	2.40E-10	4.64E-09	3.32E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03	4.79E-01	1.90E+02	0.00E+00	2.09E-08	7.03E-07	1.12E-01	3.41E-04	2.54E-01	0.00E+00	1.90E+02	5.37E-07	1.90E+02	1.91E+02	2.54E-01	0.00E+00	0.00E+00	0.00E+00	5.18E-02
HF2S425FCIH-MTS	1.01E-01	1.59E+01	0.00E+00	1.59E+01	0.00E+00	0.00E+00	1.04E+01	5.96E-06	4.71E-02	5.17E-01	0.00E+00	0.00E+00	2.79E-10	5.40E-09	3.87E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03	5.57E-01	2.22E+02	0.00E+00	2.43E-08	8.18E-07	1.30E-01	3.97E-04	2.96E-01	0.00E+00	2.22E+02	6.25E-07	2.22E+02	2.22E+02	2.96E-01	0.00E+00	0.00E+00	0.00E+00	6.03E-02
HF2S425FEIH-MTS	1.01E-01	1.59E+01	0.00E+00	1.59E+01	0.00E+00	0.00E+00	1.04E+01	5.96E-06	4.71E-02	5.17E-01	0.00E+00	0.00E+00	2.79E-10	5.40E-09	3.87E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03	5.57E-01	2.22E+02	0.00E+00	2.43E-08	8.18E-07	1.30E-01	3.97E-04	2.96E-01	0.00E+00	2.22E+02	6.25E-07	2.22E+02	2.22E+02	2.96E-01	0.00E+00	0.00E+00	0.00E+00	6.03E-02
HF2W325FSAH-MTS	8.49E-02	1.34E+01	0.00E+00	1.34E+01	0.00E+00	0.00E+00	8.78E+00	5.03E-06	3.98E-02	4.37E-01	0.00E+00	0.00E+00	2.36E-10	4.56E-09	3.27E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03	4.71E-01	1.87E+02	0.00E+00	2.06E-08	6.91E-07	1.10E-01	3.35E-04	2.50E-01	0.00E+00	1.87E+02	5.28E-07	1.87E+02	1.87E+02	2.50E-01	0.00E+00	0.00E+00	0.00E+00	5.09E-02
HF2W425FSAH-MTS	1.01E-01	1.59E+01	0.00E+00	1.59E+01	0.00E+00	0.00E+00	1.04E+01	5.96E-06	4.71E-02	5.17E-01	0.00E+00	0.00E+00	2.79E-10	5.40E-09	3.87E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03	5.57E-01	2.22E+02	0.00E+00	2.43E-08	8.18E-07	1.30E-01	3.97E-04	2.96E-01	0.00E+00	2.22E+02	6.25E-07	2.22E+02	2.22E+02	2.96E-01	0.00E+00	0.00E+00	0.00E+00	6.03E-02
HF2W425FSAI-MTS	1.01E-01	1.59E+01	0.00E+00	1.59E+01	0.00E+00	0.00E+00	1.04E+01	5.96E-06	4.71E-02	5.17E-01	0.00E+00	0.00E+00	2.79E-10	5.40E-09	3.87E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03	5.57E-01	2.22E+02	0.00E+00	2.43E-08	8.18E-07	1.30E-01	3.97E-04	2.96E-01	0.00E+00	2.22E+02	6.25E-07	2.22E+02	2.22E+02	2.96E-01	0.00E+00	0.00E+00	0.00E+00	6.03E-02
HF2E425FCII-MTS	1.01E-01	1.59E+01	0.00E+00	1.59E+01	0.00E+00	0.00E+00	1.04E+01	5.96E-06	4.71E-02	5.17E-01	0.00E+00	0.00E+00	2.79E-10	5.40E-09	3.87E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03	5.57E-01	2.22E+02	0.00E+00	2.43E-08	8.18E-07	1.30E-01	3.97E-04	2.96E-01	0.00E+00	2.22E+02	6.25E-07	2.22E+02	2.22E+02	2.96E-01	0.00E+00	0.00E+00	0.00E+00	6.03E-02
HW2E306DB	1.20E-01	1.90E+01	0.00E+00	1.90E+01	0.00E+00	0.00E+00	1.25E+01	7.13E-06	5.65E-02	6.19E-01	0.00E+00	0.00E+00	3.34E-10	6.47E-09	4.63E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-03	6.68E-01	2.65E+02	0.00E+00	2.92E-08	9.79E-07	1.56E-01	4.75E-04	3.54E-01	0.00E+00	2.65E+02	7.49E-07	2.65E+02	2.66E+02	3.54E-01	0.00E+00	0.00E+00	0.00E+00	7.22E-02
HW2E306DE	1.20E-01	1.88E+01	0.00E+00	1.88E+01	0.00E+00	0.00E+00	1.24E+01	7.08E-06	5.60E-02	6.15E-01	0.00E+00	0.00E+00	3.32E-10	6.42E-09	4.60E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03	6.62E-01	2.63E+02	0.00E+00	2.89E-08	9.72E-07	1.55E-01	4.72E-04	3.51E-01	0.00E+00	2.63E+02	7.43E-07	2.63E+02	2.64E+02	3.51E-01	0.00E+00	0.00E+00	0.00E+00	7.17E-02
HW2E306FB	8.12E-02	1.28E+01	0.00E+00	1.28E+01	0.00E+00	0.00E+00	8.40E+00	4.81E-06	3.81E-02	4.17E-01	0.00E+00	0.00E+00	2.25E-10	4.36E-09	3.12E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03	4.50E-01	1.79E+02	0.00E+00	1.97E-08	6.60E-07	1.05E-01	3.20E-04	2.39E-01	0.00E+00	1.79E+02	5.05E-07	1.79E+02	1.79E+02	2.39E-01	0.00E+00	0.00E+00	0.00E+00	4.87E-02
HW2E306FE	8.12E-02	1.28E+01	0.00E+00	1.28E+01	0.00E+00	0.00E+00	8.39E+00	4.81E-06	3.80E-02	4.17E-01	0.00E+00	0.00E+00	2.25E-10	4.36E-09	3.12E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03	4.50E-01	1.79E+02	0.00E+00	1.96E-08	6.60E-07	1.05E-01	3.20E-04	2.39E-01	0.00E+00	1.79E+02	5.04E-07	1.79E+02	1.79E+02	2.39E-01	0.00E+00	0.00E+00	0.00E+00	4.87E-02
HW2E308DB	1.20E-01	1.88E+01	0.00E+00	1.88E+01	0.00E+00	0.00E+00	1.24E+01	7.08E-06	5.60E-02	6.15E-01	0.00E+00	0.00E+00	3.32E-10	6.42E-09	4.60E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03	6.62E-01	2.63E+02	0.00E+00	2.89E-08	9.72E-07	1.55E-01	4.72E-04	3.51E-01	0.00E+00	2.63E+02	7.43E-07	2.63E+02	2.64E+02	3.51E-01	0.00E+00	0.00E+00	0.00E+00	7.17E-02
HW2E308DE	1.20E-01	1.88E+01	0.00E+00	1.88E+01	0.00E+00	0.00E+00	1.24E+01	7.08E-06	5.60E-02	6.15E-01	0.00E+00	0.00E+00	3.32E-10	6.42E-09	4.60E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03	6.62E-01	2.63E+02	0.00E+00	2.89E-08	9.72E-07	1.55E-01	4.72E-04	3.51E-01	0.00E+00	2.63E+02	7.43E-07	2.63E+02	2.64E+02	3.51E-01	0.00E+00	0.00E+00	0.00E+00	7.17E-02
HW2E308FB	8.04E-02	1.27E+01	0.00E+00	1.27E+01	0.00E+00	0.00E+00	8.32E+00	4.76E-06	3.77E-02	4.14E-01	0.00E+00	0.00E+00	2.23E-10	4.32E-09	3.09E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03	4.46E-01	1.77E+02	0.00E+00	1.95E-08	6.54E-07	1.04E-01	3.17E-04	2.36E-01	0.00E+00	1.77E+02	5.00E-07	1.77E+02	1.77E+02	2.36E-01	0.00E+00	0.00E+00	0.00E+00	4.82E-02
HW2E308FE	8.04E-02	1.27E+01	0.00E+00	1.27E+01	0.00E+00	0.00E+00	8.32E+00	4.76E-06	3.77E-02	4.14E-01	0.00E+00	0.00E+00	2.23E-10	4.32E-09	3.09E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03	4.46E-01	1.77E+02	0.00E+00	1.95E-08	6.54E-07	1.04E-01	3.17E-04	2.36E-01	0.00E+00	1.77E+02	5.00E-07	1.77E+02	1.77E+02	2.36E-01	0.00E+00	0.00E+00	0.00E+00	4.82E-02
HW2E310DB	1.20E-01	1.90E+01	0.00E+00	1.90E+01	0.00E+00	0.00E+00	1.25E+01	7.13E-06	5.64E-02	6.19E-01	0.00E+00	0.00E+00	3.34E-10	6.46E-09	4.63E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-03	6.67E-01	2.65E+02	0.00E+00	2.91E-08	9.79E-07	1.56E-01	4.75E-04	3.54E-01	0.00E+00	2.65E+02	7.48E-07	2.65E+02	2.66E+02	3.54E-01	0.00E+00	0.00E+00	0.00E+00	7.22E-02
HW2E310DE	1.20E-01	1.90E+01	0.00E+00	1.90E+01	0.00E+00	0.00E+00	1.25E+01	7.13E-06	5.64E-02	6.19E-01	0.00E+00	0.00E+00	3.34E-10	6.46E-09	4.63E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-03	6.67E-01	2.65E+02	0.00E+00	2.91E-08	9.79E-07	1.56E-01	4.75E-04	3.54E-01	0.00E+00	2.65E+02	7.48E-07	2.65E+02	2.66E+02	3.54E-01	0.00E+00	0.00E+00	0.00E+00	7.22E-02
HW2E310FB	8.12E-02	1.28E+01	0.00E+00	1.28E+01	0.00E+00	0.00E+00	8.40E+00	4.81E-06	3.81E-02	4.17E-01	0.00E+00	0.00E+00	2.25E-10	4.36E-09	3.12E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03	4.50E-01	1.79E+02	0.00E+00	1.96E-08	6.60E-07	1.05E-01	3.20E-04	2.39E-01	0.00E+00	1.79E+02	5.05E-07	1.79E+02	1.79E+02	2.39E-01	0.00E+00	0.00E+00	0.00E+00	4.87E-02
HW2E310FE	8.12E-02	1.28E+01	0.00E+00	1.28E+01	0.00E+00	0.00E+00	8.40E+00	4.81E-06	3.80E-02	4.17E-01	0.00E+00	0.00E+00	2.25E-10	4.36E-09	3.12E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03	4.50E-01	1.79E+02	0.00E+00	1.96E-08	6.60E-07	1.05E-01	3.20E-04	2.39E-01	0.00E+00	1.79E+02	5.05E-07	1.79E+02	1.79E+02	2.39E-01	0.00E+00	0.00E+00	0.00E+00	4.87E-02
HW2E312DB	1.20E-01	1.90E+01	0.00E+00	1.90E+01	0.00E+00	0.00E+00	1.25E+01	7.13E-06	5.64E-02	6.19E-01	0.00E+00	0.00E+00	3.34E-10	6.46E-09	4.63E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-03	6.67E-01	2.65E+02	0.00E+00	2.91E-08	9.79E-07	1.56E-01	4.75E-04	3.54E-01	0.00E+00	2.65E+02	7.48E-07	2.65E+02	2.66E+02	3.54E-01	0.00E+00	0.00E+00	0.00E+00	7.22E-02
HW2E312DE	1.20E-01	1.90E+01	0.00E+00	1.90E+01	0.00E+00	0.00E+00	1.25E+01	7.13E-06	5.64E-02	6.19E-01	0.00E+00	0.00E+00	3.34E-10	6.46E-09	4.63E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-03	6.67E-01	2.65E+02	0.00E+00	2.91E-08	9.79E-07	1.56E-01	4.75E-04	3.54E-01	0.00E+00	2.65E+02	7.48E-07	2.65E+02	2.66E+02	3.54E-01	0.00E+00	0.00E+00	0.00E+00	7.22E-02
HW2E312FB	8.12E-02	1.28E+01	0.00E+00	1.28E+01	0.00E+00	0.00E+00	8.40E+00	4.81E-06	3.81E-02	4.17E-01	0.00E+00	0.00E+00	2.25E-10	4.36E-09	3.12E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03	4.50E-01	1.79E+02	0.00E+00	1.96E-08	6.60E-07	1.05E-01	3.20E-04	2.39E-01	0.00E+00	1.79E+02	5.05E-07	1.79E+02	1.79E+02	2.39E-01	0.00E+00	0.00E+00	0.00E+00	4.87E-02
HW2E312FE	8.12E-02	1.28E+01	0.00E+00	1.28E+01	0.00E+00	0.00E+00	8.40E+00	4.81E-06	3.80E-02	4.17E-01	0.00E+00	0.00E+00	2.25E-10	4.36E-09	3.12E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03	4.50E-01	1.79E+02	0.00E+00	1.96E-08	6.60E-07	1.05E-01	3.20E-04	2.39E-01	0.00E+00	1.79E+02	5.05E-07	1.79E+02	1.79E+02	2.39E-01	0.00E+00	0.00E+00	0.00E+00	4.87E-02
HW2E316DB	1.20E-01	1.90E+01	0.00E+00	1.90E+01	0.00E+00	0.00E+00	1.25E+01	7.13E-06	5.64E-02	6.19E-01	0.00E+00	0.00E+00	3.34E-10	6.46E-09	4.63E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-03	6.67E-01	2.65E+02	0.00E+00	2.91E-08	9.79E-07	1.56E-01	4.75E-04	3.54E-01	0.00E+00	2.65E+02	7.48E-07	2.65E+02	2.66E+02	3.54E-01	0.00E+00	0.00E+00	0.00E+00	7.22E-02
HW2E316DE	1.20E-01	1.90E+01	0.00E+00	1.90E+01	0.00E+00	0.00E+00	1.25E+01	7.13E-06	5.64E-02	6.19E-01	0.00E+00	0.00E+00	3.34E-10	6.46E-09	4.63E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-03	6.67E-01	2.65E+02	0.00E+00	2.91E-08	9.79E-07	1.56E-01	4.75E-04	3.54E-01	0.00E+00	2.65E+02	7.48E-07	2.65E+02	2.66E+02	3.54E-01	0.00E+00	0.00E+00	0.00E+00	7.22E-02
HW2E316FB	8.12E-02	1.28E+01	0.00E+00	1.28E+01	0.00E+00	0.00E+00	8.40E+00	4.81E-06	3.81E-02	4.17E-01	0.00E+00	0.00E+00	2.25E-10	4.36E-09	3.12E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03	4.50E-01	1.79E+02	0.00E+00	1.96E-08	6.60E-07	1.05E-01	3.20E-04	2.39E-01	0.00E+00	1.79E+02	5.05E-07	1.79E+02	1.79E+02	2.39E-01	0.00E+00	0.00E+00	0.00E+00	4.87E-02
HW2E316FE	8.12E-02	1.28E+01	0.00E+00	1.28E+01	0.00E+00	0.00E+00	8.40E+00	4.81E-06	3.80E-02	4.17E-01	0.00E+00	0.00E+00	2.25E-10	4.36E-09	3.12E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03	4.50E-01	1.79E+02	0.00E+00	1.96E-08	6.60E-07	1.05E-01	3.20E-04	2.39E-01	0.00E+00	1.79E+02	5.05E-07	1.79E+02	1.79E+02	2.39E-01	0.00E+00	0.00E+00	0.00E+00	4.87E-02
HW2E320DB	1.20E-01	1.90E+01	0.00E+00	1.90E+01	0.00E+00	0.00E+00	1.25E+01	7.13E-06	5.64E-02	6.19E-01	0.00E+00	0.00E+00	3.34E-10	6.46E-09	4.63E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-03	6.67E-01	2.65E+02	0.00E+00	2.91E-08	9.79E-07	1.56E-01	4.75E-04	3.54E-01	0.00E+00	2.65E+02	7.48E-07	2.65E+02	2.66E+02	3.54E-01	0.00E+00	0.00E+00	0.00E+00	7.22E-02
HW2E320DE	1.20E-01	1.90E+01	0.00E+00	1.90E+01	0.00E+00	0.00E+00	1.25E+01	7.13E-06	5.64E-02	6.19E-01	0.00E+00	0.00E+00	3.34E-10	6.46E-09	4.63E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-03	6.67E-01	2.65E+02	0.00E+00	2.91E-08	9.79E-07	1.56E-01	4.75E-04	3.54E-01	0.00E+00	2.65E+02	7.48E-07	2.65E+02	2.66E+02	3.54E-01	0.00E+00	0.00E+00	0.00E+00	7.22E-02
HW2E320FB	8.12E-02	1.28E+01	0.00E+00	1.28E+01	0.00E+00	0.00E+00	8.40E+00	4.81E-06	3.81E-02	4.17E-01	0.00E+00	0.00E+00	2.25E-10	4.36E-09	3.12E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03	4.50E-01	1.79E+02	0.00E+00	1.96E-08	6.60E-07	1.05E-01	3.20E-04	2.39E-01	0.00E+00	1.79E+02	5.05E-07	1.79E+02	1.79E+02	2.39E-01	0.00E+00	0.00E+00	0.00E+00	4.87E-02

HW2E320FE	8.12E-02	1.28E+01	0.00E+00	1.28E+01	0.00E+00	0.00E+00	8.40E+00	4.81E-06	3.80E-02	4.17E-01	0.00E+00	0.00E+00	2.25E-10	4.36E-09	3.12E-02	0.00E+00	0.00E+00	0.00E+00	1.13E-03	4.50E-01	1.79E+02	0.00E+00	1.96E-08	6.60E-07	1.05E-01	3.20E-04	2.39E-01	0.00E+00	1.79E+02	5.05E-07	1.79E+02	1.79E+02	2.39E-01	0.00E+00	0.00E+00	0.00E+00	4.87E-02
HW2E325DB	1.20E-01	1.90E+01	0.00E+00	1.90E+01	0.00E+00	0.00E+00	1.25E+01	7.13E-06	5.64E-02	6.19E-01	0.00E+00	0.00E+00	3.34E-10	6.46E-09	4.63E-02	0.00E+00	0.00E+00	0.00E+00	1.68E-03	6.67E-01	2.65E+02	0.00E+00	2.91E-08	9.79E-07	1.56E-01	4.75E-04	3.54E-01	0.00E+00	2.65E+02	7.48E-07	2.65E+02	2.66E+02	3.54E-01	0.00E+00	0.00E+00	0.00E+00	7.22E-02
HW2E325DE	1.20E-01	1.90E+01	0.00E+00	1.90E+01	0.00E+00	0.00E+00	1.25E+01	7.13E-06	5.64E-02	6.19E-01	0.00E+00	0.00E+00	3.34E-10	6.46E-09	4.63E-02	0.00E+00	0.00E+00	0.00E+00	1.68E-03	6.67E-01	2.65E+02	0.00E+00	2.91E-08	9.79E-07	1.56E-01	4.75E-04	3.54E-01	0.00E+00	2.65E+02	7.48E-07	2.65E+02	2.66E+02	3.54E-01	0.00E+00	0.00E+00	0.00E+00	7.22E-02
HW2E325FB	8.12E-02	1.28E+01	0.00E+00	1.28E+01	0.00E+00	0.00E+00	8.40E+00	4.81E-06	3.81E-02	4.17E-01	0.00E+00	0.00E+00	2.25E-10	4.36E-09	3.12E-02	0.00E+00	0.00E+00	0.00E+00	1.13E-03	4.50E-01	1.79E+02	0.00E+00	1.96E-08	6.60E-07	1.05E-01	3.20E-04	2.39E-01	0.00E+00	1.79E+02	5.05E-07	1.79E+02	1.79E+02	2.39E-01	0.00E+00	0.00E+00	0.00E+00	4.87E-02
HW2E325FE	8.12E-02	1.28E+01	0.00E+00	1.28E+01	0.00E+00	0.00E+00	8.40E+00	4.81E-06	3.80E-02	4.17E-01	0.00E+00	0.00E+00	2.25E-10	4.36E-09	3.12E-02	0.00E+00	0.00E+00	0.00E+00	1.13E-03	4.50E-01	1.79E+02	0.00E+00	1.96E-08	6.60E-07	1.05E-01	3.20E-04	2.39E-01	0.00E+00	1.79E+02	5.05E-07	1.79E+02	1.79E+02	2.39E-01	0.00E+00	0.00E+00	0.00E+00	4.87E-02
HW2E406DB	1.39E-01	2.18E+01	0.00E+00	2.18E+01	0.00E+00	0.00E+00	1.43E+01	8.20E-06	6.49E-02	7.12E-01	0.00E+00	0.00E+00	3.84E-10	7.43E-09	5.33E-02	0.00E+00	0.00E+00	0.00E+00	1.93E-03	7.68E-01	3.05E+02	0.00E+00	3.35E-08	1.13E-06	1.80E-01	5.47E-04	4.07E-01	0.00E+00	3.05E+02	8.61E-07	3.05E+02	3.05E+02	4.07E-01	0.00E+00	0.00E+00	0.00E+00	8.30E-02
HW2E406DE	1.39E-01	2.18E+01	0.00E+00	2.18E+01	0.00E+00	0.00E+00	1.43E+01	8.20E-06	6.49E-02	7.12E-01	0.00E+00	0.00E+00	3.84E-10	7.43E-09	5.33E-02	0.00E+00	0.00E+00	0.00E+00	1.93E-03	7.68E-01	3.05E+02	0.00E+00	3.35E-08	1.13E-06	1.80E-01	5.47E-04	4.07E-01	0.00E+00	3.05E+02	8.61E-07	3.05E+02	3.05E+02	4.07E-01	0.00E+00	0.00E+00	0.00E+00	8.30E-02
HW2E406FB	8.75E-02	1.38E+01	0.00E+00	1.38E+01	0.00E+00	0.00E+00	9.05E+00	5.18E-06	4.10E-02	4.50E-01	0.00E+00	0.00E+00	2.43E-10	4.70E-09	3.36E-02	0.00E+00	0.00E+00	0.00E+00	1.22E-03	4.85E-01	1.93E+02	0.00E+00	2.12E-08	7.11E-07	1.13E-01	3.45E-04	2.57E-01	0.00E+00	1.93E+02	5.44E-07	1.93E+02	1.93E+02	2.57E-01	0.00E+00	0.00E+00	0.00E+00	5.24E-02
HW2E406FE	8.75E-02	1.38E+01	0.00E+00	1.38E+01	0.00E+00	0.00E+00	9.05E+00	5.18E-06	4.10E-02	4.50E-01	0.00E+00	0.00E+00	2.43E-10	4.70E-09	3.36E-02	0.00E+00	0.00E+00	0.00E+00	1.22E-03	4.85E-01	1.93E+02	0.00E+00	2.12E-08	7.11E-07	1.13E-01	3.45E-04	2.57E-01	0.00E+00	1.93E+02	5.44E-07	1.93E+02	1.93E+02	2.57E-01	0.00E+00	0.00E+00	0.00E+00	5.24E-02
HW2E408DB	1.39E-01	2.20E+01	0.00E+00	2.20E+01	0.00E+00	0.00E+00	1.44E+01	8.25E-06	6.53E-02	7.16E-01	0.00E+00	0.00E+00	3.86E-10	7.48E-09	5.36E-02	0.00E+00	0.00E+00	0.00E+00	1.94E-03	7.72E-01	3.07E+02	0.00E+00	3.37E-08	1.13E-06	1.81E-01	5.50E-04	4.09E-01	0.00E+00	3.07E+02	8.66E-07	3.07E+02	3.07E+02	4.09E-01	0.00E+00	0.00E+00	0.00E+00	8.35E-02
HW2E408DE	1.39E-01	2.20E+01	0.00E+00	2.20E+01	0.00E+00	0.00E+00	1.44E+01	8.25E-06	6.53E-02	7.16E-01	0.00E+00	0.00E+00	3.86E-10	7.48E-09	5.36E-02	0.00E+00	0.00E+00	0.00E+00	1.94E-03	7.72E-01	3.07E+02	0.00E+00	3.37E-08	1.13E-06	1.81E-01	5.50E-04	4.09E-01	0.00E+00	3.07E+02	8.66E-07	3.07E+02	3.07E+02	4.09E-01	0.00E+00	0.00E+00	0.00E+00	8.35E-02
HW2E408FB	8.75E-02	1.38E+01	0.00E+00	1.38E+01	0.00E+00	0.00E+00	9.05E+00	5.18E-06	4.10E-02	4.50E-01	0.00E+00	0.00E+00	2.43E-10	4.70E-09	3.36E-02	0.00E+00	0.00E+00	0.00E+00	1.22E-03	4.85E-01	1.93E+02	0.00E+00	2.12E-08	7.11E-07	1.13E-01	3.45E-04	2.57E-01	0.00E+00	1.93E+02	5.44E-07	1.93E+02	1.93E+02	2.57E-01	0.00E+00	0.00E+00	0.00E+00	5.24E-02
HW2E408FE	8.75E-02	1.38E+01	0.00E+00	1.38E+01	0.00E+00	0.00E+00	9.05E+00	5.18E-06	4.10E-02	4.50E-01	0.00E+00	0.00E+00	2.43E-10	4.70E-09	3.36E-02	0.00E+00	0.00E+00	0.00E+00	1.22E-03	4.85E-01	1.93E+02	0.00E+00	2.12E-08	7.11E-07	1.13E-01	3.45E-04	2.57E-01	0.00E+00	1.93E+02	5.44E-07	1.93E+02	1.93E+02	2.57E-01	0.00E+00	0.00E+00	0.00E+00	5.24E-02
HW2E410DB	1.39E-01	2.20E+01	0.00E+00	2.20E+01	0.00E+00	0.00E+00	1.44E+01	8.25E-06	6.53E-02	7.16E-01	0.00E+00	0.00E+00	3.86E-10	7.48E-09	5.36E-02	0.00E+00	0.00E+00	0.00E+00	1.94E-03	7.72E-01	3.07E+02	0.00E+00	3.37E-08	1.13E-06	1.81E-01	5.50E-04	4.09E-01	0.00E+00	3.07E+02	8.66E-07	3.07E+02	3.07E+02	4.09E-01	0.00E+00	0.00E+00	0.00E+00	8.35E-02
HW2E410DE	1.39E-01	2.20E+01	0.00E+00	2.20E+01	0.00E+00	0.00E+00	1.44E+01	8.25E-06	6.53E-02	7.16E-01	0.00E+00	0.00E+00	3.86E-10	7.48E-09	5.36E-02	0.00E+00	0.00E+00	0.00E+00	1.94E-03	7.72E-01	3.07E+02	0.00E+00	3.37E-08	1.13E-06	1.81E-01	5.50E-04	4.09E-01	0.00E+00	3.07E+02	8.66E-07	3.07E+02	3.07E+02	4.09E-01	0.00E+00	0.00E+00	0.00E+00	8.35E-02
HW2E410FB	8.75E-02	1.38E+01	0.00E+00	1.38E+01	0.00E+00	0.00E+00	9.05E+00	5.18E-06	4.10E-02	4.50E-01	0.00E+00	0.00E+00	2.43E-10	4.70E-09	3.36E-02	0.00E+00	0.00E+00	0.00E+00	1.22E-03	4.85E-01	1.93E+02	0.00E+00	2.12E-08	7.11E-07	1.13E-01	3.45E-04	2.57E-01	0.00E+00	1.93E+02	5.44E-07	1.93E+02	1.93E+02	2.57E-01	0.00E+00	0.00E+00	0.00E+00	5.24E-02
HW2E410FE	8.75E-02	1.38E+01	0.00E+00	1.38E+01	0.00E+00	0.00E+00	9.05E+00	5.18E-06	4.10E-02	4.50E-01	0.00E+00	0.00E+00	2.43E-10	4.70E-09	3.36E-02	0.00E+00	0.00E+00	0.00E+00	1.22E-03	4.85E-01	1.93E+02	0.00E+00	2.12E-08	7.11E-07	1.13E-01	3.45E-04	2.57E-01	0.00E+00	1.93E+02	5.44E-07	1.93E+02	1.93E+02	2.57E-01	0.00E+00	0.00E+00	0.00E+00	5.24E-02
HW2E412DB	1.39E-01	2.20E+01	0.00E+00	2.20E+01	0.00E+00	0.00E+00	1.44E+01	8.25E-06	6.53E-02	7.16E-01	0.00E+00	0.00E+00	3.86E-10	7.48E-09	5.36E-02	0.00E+00	0.00E+00	0.00E+00	1.94E-03	7.72E-01	3.07E+02	0.00E+00	3.37E-08	1.13E-06	1.81E-01	5.50E-04	4.09E-01	0.00E+00	3.07E+02	8.66E-07	3.07E+02	3.07E+02	4.09E-01	0.00E+00	0.00E+00	0.00E+00	8.35E-02
HW2E412DE	1.39E-01	2.20E+01	0.00E+00	2.20E+01	0.00E+00	0.00E+00	1.44E+01	8.25E-06	6.53E-02	7.16E-01	0.00E+00	0.00E+00	3.86E-10	7.48E-09	5.36E-02	0.00E+00	0.00E+00	0.00E+00	1.94E-03	7.72E-01	3.07E+02	0.00E+00	3.37E-08	1.13E-06	1.81E-01	5.50E-04	4.09E-01	0.00E+00	3.07E+02	8.66E-07	3.07E+02	3.07E+02	4.09E-01	0.00E+00	0.00E+00	0.00E+00	8.35E-02
HW2E412FB	8.75E-02	1.38E+01	0.00E+00	1.38E+01	0.00E+00	0.00E+00	9.05E+00	5.18E-06	4.10E-02	4.50E-01	0.00E+00	0.00E+00	2.43E-10	4.70E-09	3.36E-02	0.00E+00	0.00E+00	0.00E+00	1.22E-03	4.85E-01	1.93E+02	0.00E+00	2.12E-08	7.11E-07	1.13E-01	3.45E-04	2.57E-01	0.00E+00	1.93E+02	5.44E-07	1.93E+02	1.93E+02	2.57E-01	0.00E+00	0.00E+00	0.00E+00	5.24E-02
HW2E412FE	8.75E-02	1.38E+01	0.00E+00	1.38E+01	0.00E+00	0.00E+00	9.05E+00	5.18E-06	4.10E-02	4.50E-01	0.00E+00	0.00E+00	2.43E-10	4.70E-09	3.36E-02	0.00E+00	0.00E+00	0.00E+00	1.22E-03	4.85E-01	1.93E+02	0.00E+00	2.12E-08	7.11E-07	1.13E-01	3.45E-04	2.57E-01	0.00E+00	1.93E+02	5.44E-07	1.93E+02	1.93E+02	2.57E-01	0.00E+00	0.00E+00	0.00E+00	5.24E-02
HW2E416DB	1.39E-01	2.20E+01	0.00E+00	2.20E+01	0.00E+00	0.00E+00	1.44E+01	8.25E-06	6.53E-02	7.16E-01	0.00E+00	0.00E+00	3.86E-10	7.48E-09	5.36E-02	0.00E+00	0.00E+00	0.00E+00	1.94E-03	7.72E-01	3.07E+02	0.00E+00	3.37E-08	1.13E-06	1.81E-01	5.50E-04	4.09E-01	0.00E+00	3.07E+02	8.66E-07	3.07E+02	3.07E+02	4.09E-01	0.00E+00	0.00E+00	0.00E+00	8.35E-02
HW2E416DE	1.39E-01	2.20E+01	0.00E+00	2.20E+01	0.00E+00	0.00E+00	1.44E+01	8.25E-06	6.53E-02	7.16E-01	0.00E+00	0.00E+00	3.86E-10	7.48E-09	5.36E-02	0.00E+00	0.00E+00	0.00E+00	1.94E-03	7.72E-01	3.07E+02	0.00E+00	3.37E-08	1.13E-06	1.81E-01	5.50E-04	4.09E-01	0.00E+00	3.07E+02	8.66E-07	3.07E+02	3.07E+02	4.09E-01	0.00E+00	0.00E+00	0.00E+00	8.35E-02
HW2E416FB	8.75E-02	1.38E+01	0.00E+00	1.38E+01	0.00E+00	0.00E+00	9.05E+00	5.18E-06	4.10E-02	4.50E-01	0.00E+00	0.00E+00	2.43E-10	4.70E-09	3.36E-02	0.00E+00	0.00E+00	0.00E+00	1.22E-03	4.85E-01	1.93E+02	0.00E+00	2.12E-08	7.11E-07	1.13E-01	3.45E-04	2.57E-01	0.00E+00	1.93E+02	5.44E-07	1.93E+02	1.93E+02	2.57E-01	0.00E+00	0.00E+00	0.00E+00	5.24E-02
HW2E416FE	8.75E-02	1.38E+01	0.00E+00	1.38E+01	0.00E+00	0.00E+00	9.05E+00	5.18E-06	4.10E-02	4.50E-01	0.00E+00	0.00E+00	2.43E-10	4.70E-09	3.36E-02	0.00E+00	0.00E+00	0.00E+00	1.22E-03	4.85E-01	1.93E+02	0.00E+00	2.12E-08	7.11E-07	1.13E-01	3.45E-04	2.57E-01	0.00E+00	1.93E+02	5.44E-07	1.93E+02	1.93E+02	2.57E-01	0.00E+00	0.00E+00	0.00E+00	5.24E-02
HW2E420DB	1.39E-01	2.20E+01	0.00E+00	2.20E+01	0.00E+00	0.00E+00	1.44E+01	8.25E-06	6.53E-02	7.16E-01	0.00E+00	0.00E+00	3.86E-10	7.48E-09	5.36E-02	0.00E+00	0.00E+00	0.00E+00	1.94E-03	7.72E-01	3.07E+02	0.00E+00	3.37E-08	1.13E-06	1.81E-01	5.50E-04	4.09E-01	0.00E+00	3.07E+02	8.66E-07	3.07E+02	3.07E+02	4.09E-01	0.00E+00	0.00E+00	0.00E+00	8.35E-02
HW2E420DE	1.39E-01	2.20E+01	0.00E+00	2.20E+01	0.00E+00	0.00E+00	1.44E+01	8.25E-06	6.53E-02	7.16E-01	0.00E+00	0.00E+00	3.86E-10	7.48E-09	5.36E-02	0.00E+00	0.00E+00	0.00E+00	1.94E-03	7.72E-01	3.07E+02	0.00E+00	3.37E-08	1.13E-06	1.81E-01	5.50E-04	4.09E-01	0.00E+00	3.07E+02	8.66E-07	3.07E+02	3.07E+02	4.09E-01	0.00E+00	0.00E+00	0.00E+00	8.35E-02
HW2E420FB	8.75E-02	1.38E+01	0.00E+00	1.38E+01	0.00E+00	0.00E+00	9.05E+00	5.18E-06	4.10E-02	4.50E-01	0.00E+00	0.00E+00	2.43E-10	4.70E-09	3.36E-02	0.00E+00	0.00E+00	0.00E+00	1.22E-03	4.85E-01	1.93E+02	0.00E+00	2.12E-08	7.11E-07	1.13E-01	3.45E-04	2.57E-01	0.00E+00	1.93E+02	5.44E-07	1.93E+02	1.93E+02	2.57E-01	0.00E+00	0.00E+00	0.00E+00	5.24E-02
HW2E420FE	8.75E-02	1.38E+01	0.00E+00	1.38E+01	0.00E+00	0.00E+00	9.05E+00	5.18E-06	4.10E-02	4.50E-01	0.00E+00	0.00E+00	2.43E-10	4.70E-09	3.36E-02	0.00E+00	0.00E+00	0.00E+00	1.22E-03	4.85E-01	1.93E+02	0.00E+00	2.12E-08	7.11E-07	1.13E-01	3.45E-04	2.57E-01	0.00E+00	1.93E+02	5.44E-07	1.93E+02	1.93E+02	2.57E-01	0.00E+00	0.00E+00	0.00E+00	5.24E-02
HW2E425DB	1.39E-01	2.20E+01	0.00E+00	2.20E+01	0.00E+00	0.00E+00	1.44E+01	8.25E-06	6.53E-02	7.16E-01	0.00E+00	0.00E+00	3.86E-10	7.48E-09	5.36E-02	0.00E+00	0.00E+00	0.00E+00	1.94E-03	7.72E-01	3.07E+02	0.00E+00	3.37E-08	1.13E-06	1.81E-01	5.50E-04	4.09E-01	0.00E+00	3.07E+02	8.66E-07	3.07E+02	3.07E+02	4.09E-01	0.00E+00	0.00E+00	0.00E+00	8.35E-02
HW2E425DE	1.39E-01	2.20E+01	0.00E+00	2.20E+01	0.00E+00	0.00E+00	1.44E+01	8.25E-06	6.53E-02	7.16E-01	0.00E+00	0.00E+00	3.86E-10	7.48E-09	5.36E-02	0.00E+00	0.00E+00	0.00E+00	1.94E-03	7.72E-01	3.07E+02	0.00E+00	3.37E-08	1.13E-06	1.81E-01	5.50E-04	4.09E-01	0.00E+00	3.07E+02	8.66E-07	3.07E+02	3.07E+02	4.09E-01	0.00E+00	0.00E+00	0.00E+00	8.35E-02
HW2E425FB	8.75E-02	1.38E+01	0.00E+00	1.38E+01	0.00E+00	0.00E+00	9.05E+00	5.18E-06	4.10E-02	4.50E-01	0.00E+00	0.00E+00	2.43E-10	4.70E-09	3.36E-02	0.00E+00	0.00E+00	0.00E+00	1.22E-03	4.85E-01	1.93E+02	0.00E+00	2.12E-08	7.11E-07	1.13E-01	3.45E-04	2.57E-01	0.00E+00	1.93E+02	5.44E-07	1.93E+02	1.93E+02	2.57E-01	0.00E+00	0.00E+00	0.00E+00	5.24E-02
HW2E425FE	8.75E-02	1.38E+01	0.00E+00	1.38E+01	0.00E+00	0.00E+00	9.05E+00	5.18E-06	4.10E-02	4.50E-01	0.00E+00	0.00E+00	2.43E-10	4.70E-09	3.36E-02	0.00E+00	0.00E+00	0.00E+00	1.22E-03	4.85E-01	1.93E+02	0.00E+00	2.12E-08	7.11E-07	1.13E-01	3.45E-04	2.57E-01	0.00E+00	1.93E+02	5.44E-07	1.93E+02	1.93E+02	2.57E-01	0.00E+00	0.00E+00	0.00E+00	5.24E-02
HW2M306DB	1.20E-01	1.90E+01	0.00E+00	1.90E+01	0.00E+00	0.00E+00	1.25E+01	7.13E-06	5.65E-02	6.19E-01	0.00E+00	0.00E+00	3.34E-10	6.47E-09	4.63E-02	0.00E+00	0.00E+00	0.00E+00	1.68E-03	6.68E-01	2.65E+02	0.00E+00	2.92E-08	9.79E-07	1.56E-01	4.75E-04	3.54E-01	0.00E+00	2.65E+02	7.49E-07	2.65E+02	2.66E+02	3.54E-01	0.00E+00	0.00E+00	0.00E+00	7.22E-02
HW2M306DE	1.20E-01	1.90E+01	0.00E+00	1.90E+01	0.00E+00	0.00E+00	1.25E+01	7.13E-06	5.65E-02	6.19E-01	0.00E+00	0.00E+00	3.34E-10	6.47E-09	4.63E-02	0.00E+00	0.00E+00	0.00E+00	1.68E-03	6.68E-01	2.65E+02	0.00E+00	2.92E-08	9.79E-07	1.56E-01	4.75E-04	3.54E-01	0.00E+00	2.65E+02	7.49E-07	2.65E+02	2.66E+02	3.54E-01	0.00E+00	0.00E+00	0.00E+00	7.22E-02
HW2M306FB	8.04E-02	1.27E+01	0.00E+00	1.27E+01	0.00E+00	0.00E+00	8.32E+00	4.76E-06	3.77E-02	4.14E-01	0.00E+00	0.00E+00	2.23E-10	4.32E-09	3.09E-02	0.00E+00	0.00E+00	0.00E+00	1.12E-03	4.46E-01	1.77E+02	0.00E+00	1.95E-08	6.54E-07	1.04E-01	3.17E-04	2.36E-01	0.00E+00	1.77E+02	5.00E-07	1.77E+02	1.77E+02	2.36E-01	0.00E+00	0.00E+00	0.00E+00	4.82E-02
HW2M306FE	8.04E-02	1.27E+01	0.00E+00	1.27E+01	0.00E+00	0.00E+00	8.32E+00	4.76E-06	3.77E-02	4.14E-01	0.00E+00	0.00E+00	2.23E-10	4.32E-09	3.09E-02	0.00E+00	0.00E+00	0.00E+00	1.12E-03	4.46E-01	1.77E+02	0.00E+00	1.95E-08	6.54E-07	1.04E-01	3.17E-04	2.36E-01	0.00E+00	1.77E+02	5.00E-07	1.77E+02	1.77E+02	2.36E-01	0.00E+00	0.00E+00	0.00E+00	4.82E-02
HW2M308DB	1.20E-01	1.90E+01	0.00E+00	1.90E+01	0.00E+00	0.00E+00	1.25E+01	7.13E-06	5.65E-02	6.19E-01	0.00E+00	0.00E+00	3.34E-10	6.47E-09	4.63E-02	0.00E+00	0.00E+00	0.00E+00	1.68E-03	6.68E-01	2.65E+02	0.00E+00	2.92E-08	9.79E-07	1.56E-01	4.75E-04	3.54E-01	0.00E+00	2.65E+02	7.49E-07	2.65E+02	2.66E+02	3.54E-01	0.00E+00	0.00E+00	0.00E+00	7.22E-02
HW2M308DE	1.20E-01	1.90E+01	0.00E+00	1.90E+01	0.00E+00	0.00E+00	1.25E+01	7.13E-06	5.65E-02	6.19E-01	0.00E+00	0.00E+00	3.34E-10	6.47E-09	4.63E-02	0.00E+00	0.00E+00	0.00E+00	1.68E-03	6.68E-01	2.65E+02	0.00E+00	2.92E-08	9.79E-07	1.56E-01	4.75E-04	3.54E-01	0.00E+00	2.65E+02	7.49E-07	2.65E+02	2.66E+02	3.54E-01	0.00E+00	0.00E+00	0.00E+00	7.22E-02
HW2M308FB	8.04E-02	1.27E+01	0.00E+00	1.27E+01	0.00E+00	0.00E+00	8.32E+00	4.76E-06	3.77E-02	4.14E-01	0.00E+00	0.00E+00	2.23E-10	4.32E-09	3.09E-02	0.00E+00	0.00E+00	0.00E+00	1.12E-03	4.46E-01	1.77E+02	0.00E+00	1.95E-08	6.54E-07	1.04E-01	3.17E-04	2.36E-01	0.00E+00	1.77E+02	5.00E-07	1.77E+02	1.77E+02	2.36E-01	0.00E+00	0.00E+00	0.00E+00	4.82E-02
HW2M308FE	8.04E-02	1.27E+01	0.00E+00	1.27E+01	0.00E+00	0.00E+00	8.32E+00	4.76E-06	3.77E-02	4.14E-01	0.00E+00	0.00E+00	2.23E-10	4.32E-09	3.09E-02	0.00E+00	0.00E+00	0.00E+00	1.12E-03	4.46E-01	1.77E+02	0.00E+00	1.95E-08	6.54E-07	1.04E-01	3.17E-04	2.36E-01	0.00E+00	1.77E+02	5.00E-07	1.77E+02	1.77E+02	2.36E-01	0.00E+00	0.00E+00	0.00E+00	4.82E-02
HW2M310DB	1.20E-01	1.90E+01	0.00E+00	1.90E+01	0.00E+00	0.00E+00	1.25E+01	7.13E-06	5.64E-02	6.19E-01	0.00E+00	0.00E+00	3.34E-10	6.46E-09	4.63E-02	0.00E+00	0.00E+00	0.00E+00	1.68E-03	6.67E-01	2.65E+02	0.00E+00	2.91E-08	9.79E-07	1.56E-01	4.75E-04	3.54E-01	0.00E+00	2.65E+02	7.48E-07	2.65E+02	2.66E+02	3.54E-01	0.00E+00	0.00E+00	0.00E+00	7.22E-02
HW2M310DE	1.20E-01	1.90E+01	0.00E+00	1.90E+01	0.00E+00	0.00E+00	1.25E+01	7.13E-06	5.64E-02	6.19E-01	0.00E+00	0.00E+00	3.34E-10	6.46E-09	4.63E-02	0.00E+00	0.00E+00	0.00E+00	1.68E-03	6.67E-01	2.65E+02	0.00E+00	2.91E-08	9.79E-07	1.56E-01	4.75E-04	3.54E-01	0.00E+00	2.65E+02	7.48E-07	2.65E+02	2.66E+02	3.54E-01	0.00E+00	0.00E+00	0.00E+00	7.22E-02
HW2M310FB	8.12E-02	1.28E+01	0.00E+00	1.28E+01	0.00E+00	0.00E+00	8.40E+00	4.81E-06	3.81E-02	4.17E-01	0.00E+00	0.00E+00	2.25E-10	4.36E-09	3.12E-02	0.00E+00	0.00E+00	0.00E+00	1.13E-03	4.50E-01	1.79E+02	0.00E+00	1.96E-08	6.60E-07	1.05E-01	3.20E-04	2.39E-01	0.00E+00	1.79E+02	5.05E-07	1.79E+02	1.79E+02	2.39E-01	0.00E+00	0.00E+00	0.00E+00	4.87E-02
HW2M310FE	8.12E-02	1.28E+01	0.00E+00	1.28E+01	0.00E+00	0.00E+00	8.40E+00	4.81E-06	3.80E-02	4.17E-01	0.00E+00	0.00E+00	2.25E-10	4.36E-09	3.12E-02	0.00E+00	0.00E+00	0.00E+00	1.13E-03	4.50E-01	1.79E+02	0.00E+00	1.96E-08	6.60E-07	1.05E-01	3.20E-04	2.39E-01	0.00E+00	1.79E+02	5.05E-07	1.79E+02	1.79E+02	2.39E-01	0.00E+00	0.00E+00	0.00E+00	4.87E-02
HW2M312DB	1.20E-01	1.90E+01	0.00E+00	1.90E+01	0.00E+00	0.00E+00	1.25E+01	7.13E-06	5.64E-02	6.19E-01	0.00E+00	0.00E+00	3.34E-10	6.46E-09	4.63E-02	0.00E+00	0.00E+00	0.00E+00	1.68E-03	6.67E-01	2.65E+02	0.00E+00	2.91E-08	9.79E-07	1.56E-01	4.75E-04	3.54E-01	0.00E+00	2.65E+02	7.48E-07	2.65E+02	2.66E+02	3.54E-01	0.00E+00	0.00E+00	0.00E+00	7.22E-02
HW2M312DE	1.20E-01	1.90E+01	0.00E+00	1.90E+01	0.00E+00	0.00E+00	1.25E+01	7.13E-06	5.64E-02	6.19E-01	0.00E+00	0.00E+00	3.34E-10	6.46E-09	4.63E-02	0.00E+00	0.00E+00	0.00E+00	1.68E-03	6.67E-01	2.65E+02	0.00E+00	2.91E-08	9.79E-07	1.56E-01	4.75E-04	3.54E-01	0.00E+00	2.65E+02	7.48E-07	2.65E+02	2.66E+02	3.54E-01	0.00E+00	0.00E+00	0.00E+00	7.22E-02
HW2M312FB	8.12E-02	1.28E+01	0.00E+00	1.28E+01	0.00E+00	0.00E+00	8.40E+00	4.81E-06	3.81E-02	4.17E-01	0.00E+00	0.00E+00	2.25E-10	4.36E-09	3.12E-02	0.00E+00	0.00E+00	0.00E+00	1.13E-03	4.50E-01	1.79E+02	0.00E+00	1.96E-08	6.60E-07	1.05E-01	3.20E-04	2.39E-01	0.00E+00	1.79E+02	5.05E-07	1.79E+02	1.79E+02	2.39E-01	0.00E+00	0.00E+00	0.00E+00	4.87E-02
HW2M312FE	8.12E-02	1.28E+01	0.00E+00	1.28E+01	0.00E+00	0.00E+00	8.40E+00	4.81E-06	3.80E-02	4.17E-01	0.00E+00	0.00E+00	2.25E-10	4.36E-09	3.12E-02	0.00E+00	0.00E+00	0.00E+00	1.13E-03	4.50E-01	1.79E+02	0.00E+00	1.96E-08	6.60E-07	1.05E-01	3.20E-04	2.39E-01	0.00E+00	1.79E+02	5.05E-07	1.79E+02	1.79E+02	2.39E-01	0.00E+00	0.00E+00	0.00E+00	4.87E-02
HW2M316DB	1.20E-01	1.90E+01	0.00E+00	1.90E+01	0.00E+00	0.00E+00	1.25E+01	7.13E-06	5.64E-02	6.19E-01	0.00E+00	0.00E+00	3.34E-10	6.46E-09	4.63E-02	0.00E+00	0.00E+00	0.00E+00	1.68E-03	6.67E-01	2.65E+02	0.00E+00	2.91E-08	9.79E-07	1.56E-01	4.75E-04	3.54E-01	0.00E+00	2.65E+02	7.48E-07	2.65E+02	2.66E+02	3.54E-01	0.00E+00	0.00E+00	0.00E+00	7.22E-02
HW2M316DE	1.20E-01	1.90E+01	0.00E+00	1.90E+01	0.00E+00	0.00E+00	1.25E+01	7.13E-06	5.64E-02	6.19E-01	0.00E+00	0.00E+00	3.34E-10	6.46E-09	4.63E-02	0.00E+00	0.00E+00	0.00E+00	1.68E-03	6.67E-01	2.65E+02	0.00E+00	2.91E-08	9.79E-07	1.56E-01	4.75E-04	3.54E-01	0.00E+00	2.65E+02	7.48E-07	2.65E+02	2.66E+02	3.54E-01	0.00E+00	0.00E+00	0.00E+00	7.22E-02
HW2M316FB	8.12E-02	1.28E+01	0.00E+00	1.28E+01	0.00E+00	0.00E+00	8.40E+00	4.81E-06	3.81E-02	4.17E-01	0.00E+00	0.00E+00	2.25E-10	4.36E-09	3.12E-02	0.00E+00	0.00E+00	0.00E+00	1.13E-03	4.50E-01	1.79E+02	0.00E+00	1.96E-08	6.60E-07	1.05E-01	3.20E-04	2.39E-01	0.00E+00	1.79E+02	5.05E-07	1.79E+02	1.79E+02	2.39E-01	0.00E+00	0.00E+00	0.00E+00	4.87E-02
HW2M316FE	8.12E-02	1.28E+01	0.00E+00	1.28E+01	0.00E+00	0.00E+00	8.40E+00	4.81E-06	3.80E-02	4.17E-01	0.00E+00	0.00E+00	2.25E-10	4.36E-09	3.12E-02	0.00E+00	0.00E+00	0.00E+00	1.13E-03	4.50E-01	1.79E+02	0.00E+00	1.96E-08	6.60E-07	1.05E-01	3.20E-04	2.39E-01	0.00E+00	1.79E+02	5.05E-07	1.79E+02	1.79E+02	2.39E-01	0.00E+00	0.00E+00	0.00E+00	4.87E-02
HW2M320DB	1.20E-01	1.90E+01	0.00E+00	1.90E+01	0.00E+00	0.00E+00	1.25E+01	7.13E-06	5.64E-02	6.19E-01	0.00E+00	0.00E+00	3.34E-10	6.46E-09	4.63E-02	0.00E+00	0.00E+00	0.00E+00	1.68E-03	6.67E-01	2.65E+02	0.00E+00	2.91E-08	9.79E-07	1.56E-01	4.75E-04	3.54E-01	0.00E+00	2.65E+02	7.48E-07	2.65E+02	2.66E+02	3.54E-01	0.00E+00	0.00E+00	0.00E+00	7.22E-02
HW2M320DE	1.20E-01	1.90E+01	0.00E+00	1.90E+01	0.00E+00	0.00E+00	1.25E+01	7.13E-06	5.64E-02	6.19E-01	0.00E+00	0.00E+00	3.34E-10	6.46E-09	4.63E-02	0.00E+00	0.00E+00	0.00E+00	1.68E-03	6.67E-01	2.65E+02	0.00E+00	2.91E-08	9.79E-07	1.56E-01	4.75E-04	3.54E-01	0.00E+00	2.65E+02	7.48E-07	2.65E+02	2.66E+02	3.54E-01	0.00E+00	0.00E+00	0.00E+00	7.22E-02
HW2M320FB	8.12E-02	1.28E+01	0.00E+00	1.28E+01	0.00E+00	0.00E+00	8.40E+00	4.81E-06	3.81E-02	4.17E-01	0.00E+00	0.00E+00	2.25E-10	4.36E-09	3.12E-02	0.00E+00	0.00E+00	0.00E+00	1.13E-03	4.50E-01	1.79E+02	0.00E+00	1.96E-08	6.60E-07	1.05E-01	3.20E-04	2.39E-01	0.00E+00	1.79E+02	5.05E-07	1.79E+02	1.79E+02	2.39E-01	0.00E+00	0.00E+00	0.00E+00	4.87E-02
HW2M320FE	8.12E-02	1.28E+01	0.00E+00	1.28E+01	0.00E+00	0.00E+00	8.40E+00	4.81E-06	3.80E-02	4.17E-01	0.00E+00	0.00E+00	2.25E-10	4.36E-09	3.12E-02	0.00E+00	0.00E+00	0.00E+00	1.13E-03	4.50E-01	1.79E+02	0.00E+00	1.96E-08	6.60E-07	1.05E-01	3.20E-04	2.39E-01	0.00E+00	1.79E+02	5.05E-07	1.79E+02	1.79E+02	2.39E-01	0.00E+00	0.00E+00	0.00E+00	4.87E-02
HW2M325DB	1.20E-01	1.90E+01	0.00E+00	1.90E+01	0.00E+00	0.00E+00	1.25E+01	7.13E-06	5.64E-02	6.19E-01	0.00E+00	0.00E+00	3.34E-10	6.46E-09	4.63E-02	0.00E+00	0.00E+00	0.00E+00	1.68E-03	6.67E-01	2.65E+02	0.00E+00	2.91E-08	9.79E-07	1.56E-01	4.75E-04	3.54E-01	0.00E+00	2.65E+02	7.48E-07	2.65E+02	2.66E+02	3.54E-01	0.00E+00	0.00E+00	0.00E+00	7.22E-02
HW2M325DE	1.20E-01	1.90E+01	0.00E+00	1.90E+01	0.00E+00	0.00E+00	1.25E+01	7.13E-06	5.64E-02	6.19E-01	0.00E+00	0.00E+00	3.34E-10	6.46E-09	4.63E-02	0.00E+00	0.00E+00	0.00E+00	1.68E-03	6.67E-01	2.65E+02	0.00E+00	2.91E-08	9.79E-07	1.56E-01	4.75E-04	3.54E-01	0.00E+00	2.65E+02	7.48E-07	2.65E+02	2.66E+02	3.54E-01	0.00E+00	0.00E+00	0.00E+00	7.22E-02
HW2M325FB	8.12E-02	1.28E+01	0.00E+00	1.28E+01	0.00E+00	0.00E+00	8.40E+00	4.81E-06	3.81E-02	4.17E-01	0.00E+00	0.00E+00	2.25E-10	4.36E-09	3.12E-02	0.00E+00	0.00E+00	0.00E+00	1.13E-03	4.50E-01	1.79E+02	0.00E+00	1.96E-08	6.60E-07	1.05E-01	3.20E-04	2.39E-01	0.00E+00	1.79E+02	5.05E-07	1.79E+02	1.79E+02	2.39E-01	0.00E+00	0.00E+00	0.00E+00	4.87E-02
HW2M325FE	8.12E-02	1.28E+01	0.00E+00	1.28E+01	0.00E+00	0.00E+00	8.40E+00	4.81E-06	3.80E-02	4.17E-01	0.00E+00	0.00E+00	2.25E-10	4.36E-09	3.12E-02	0.00E+00	0.00E+00	0.00E+00	1.13E-03	4.50E-01	1.79E+02	0.00E+00	1.96E-08	6.60E-07	1.05E-01	3.20E-04	2.39E-01	0.00E+00	1.79E+02	5.05E-07	1.79E+02	1.79E+02	2.39E-01	0.00E+00	0.00E+00	0.00E+00	4.87E-02
HW2M406DB	1.39E-01	2.20E+01	0.00E+00	2.20E+01	0.00E+00	0.00E+00	1.44E+01	8.25E-06	6.53E-02	7.16E-01	0.00E+00	0.00E+00	3.86E-10	7.48E-09	5.36E-02	0.00E+00	0.00E+00	0.00E+00	1.94E-03	7.72E-01	3.07E+02	0.00E+00	3.37E-08	1.13E-06	1.81E-01	5.50E-04	4.09E-01	0.00E+00	3.07E+02	8.66E-07	3.07E+02	3.07E+02	4.09E-01	0.00E+00	0.00E+00	0.00E+00	8.35E-02
HW2M406DE	1.39E-01	2.20E+01	0.00E+00	2.20E+01	0.00E+00	0.00E+00	1.44E+01	8.25E-06	6.53E-02	7.16E-01	0.00E+00	0.00E+00	3.86E-10	7.48E-09	5.36E-02	0.00E+00	0.00E+00	0.00E+00	1.94E-03	7.72E-01	3.07E+02	0.00E+00	3.37E-08	1.13E-06	1.81E-01	5.50E-04	4.09E-01	0.00E+00	3.07E+02	8.66E-07	3.07E+02	3.07E+02	4.09E-01	0.00E+00	0.00E+00	0.00E+00	8.35E-02
HW2M406FB	8.75E-02	1.38E+01	0.00E+00	1.38E+01	0.00E+00	0.00E+00	9.05E+00	5.18E-06	4.10E-02	4.50E-01	0.00E+00	0.00E+00	2.43E-10	4.70E-09	3.36E-02	0.00E+00	0.00E+00	0.00E+00	1.22E-03	4.85E-01	1.93E+02	0.00E+00	2.12E-08	7.11E-07	1.13E-01	3.45E-04	2.57E-01	0.00E+00	1.93E+02	5.44E-07	1.93E+02	1.93E+02	2.57E-01	0.00E+00	0.00E+00	0.00E+00	5.24E-02
HW2M406FE	8.75E-02	1.38E+01	0.00E+00	1.38E+01	0.00E+00	0.00E+00	9.05E+00	5.18E-06	4.10E-02	4.50E-01	0.00E+00	0.00E+00	2.43E-10	4.70E-09	3.36E-02	0.00E+00	0.00E+00	0.00E+00	1.22E-03	4.85E-01	1.93E+02	0.00E+00	2.12E-08	7.11E-07	1.13E-01	3.45E-04	2.57E-01	0.00E+00	1.93E+02	5.44E-07	1.93E+02	1.93E+02	2.57E-01	0.00E+00	0.00E+00	0.00E+00	5.24E-02
HW2M408DB	1.39E-01	2.20E+01	0.00E+00	2.20E+01	0.00E+00	0.00E+00	1.44E+01	8.25E-06	6.53E-02	7.16E-01	0.00E+00	0.00E+00	3.86E-10	7.48E-09	5.36E-02	0.00E+00	0.00E+00	0.00E+00	1.94E-03	7.72E-01	3.07E+02	0.00E+00	3.37E-08	1.13E-06	1.81E-01	5.50E-04	4.09E-01	0.00E+00	3.07E+02	8.66E-07	3.07E+02	3.07E+02	4.09E-01	0.00E+00	0.00E+00	0.00E+00	8.35E-02
HW2M408DE	1.39E-01	2.20E+01	0.00E+00	2.20E+01	0.00E+00	0.00E+00	1.44E+01	8.25E-06	6.53E-02	7.16E-01	0.00E+00	0.00E+00	3.86E-10	7.48E-09	5.36E-02	0.00E+00	0.00E+00	0.00E+00	1.94E-03	7.72E-01	3.07E+02	0.00E+00	3.37E-08	1.13E-06	1.81E-01	5.50E-04	4.09E-01	0.00E+00	3.07E+02	8.66E-07	3.07E+02	3.07E+02	4.09E-01	0.00E+00	0.00E+00	0.00E+00	8.35E-02
HW2M408FB	8.75E-02	1.38E+01	0.00E+00	1.38E+01	0.00E+00	0.00E+00	9.05E+00	5.18E-06	4.10E-02	4.50E-01	0.00E+00	0.00E+00	2.43E-10	4.70E-09	3.36E-02	0.00E+00	0.00E+00	0.00E+00	1.22E-03	4.85E-01	1.93E+02	0.00E+00	2.12E-08	7.11E-07	1.13E-01	3.45E-04	2.57E-01	0.00E+00	1.93E+02	5.44E-07	1.93E+02	1.93E+02	2.57E-01	0.00E+00	0.00E+00	0.00E+00	5.24E-02
HW2M408FE	8.75E-02	1.38E+01	0.00E+00	1.38E+01	0.00E+00	0.00E+00	9.05E+00	5.18E-06	4.10E-02	4.50E-01	0.00E+00	0.00E+00	2.43E-10	4.70E-09	3.36E-02	0.00E+00	0.00E+00	0.00E+00	1.22E-03	4.85E-01	1.93E+02	0.00E+00	2.12E-08	7.11E-07	1.13E-01	3.45E-04	2.57E-01	0.00E+00	1.93E+02	5.44E-07	1.93E+02	1.93E+02	2.57E-01	0.00E+00	0.00E+00	0.00E+00	5.24E-02
HW2M410DB	1.39E-01	2.20E+01	0.00E+00	2.20E+01	0.00E+00	0.00E+00	1.44E+01	8.25E-06	6.53E-02	7.16E-01	0.00E+00	0.00E+00	3.86E-10	7.48E-09	5.36E-02	0.00E+00	0.00E+00	0.00E+00	1.94E-03	7.72E-01	3.07E+02	0.00E+00	3.37E-08	1.13E-06	1.81E-01	5.50E-04	4.09E-01	0.00E+00	3.07E+02	8.66E-07	3.07E+02	3.07E+02	4.09E-01	0.00E+00	0.00E+00	0.00E+00	8.35E-02
HW2M410DE	1.39E-01	2.20E+01	0.00E+00	2.20E+01	0.00E+00	0.00E+00	1.44E+01	8.25E-06	6.53E-02	7.16E-01	0.00E+00	0.00E+00	3.86E-10	7.48E-09	5.36E-02	0.00E+00	0.00E+00	0.00E+00	1.94E-03	7.72E-01	3.07E+02	0.00E+00	3.37E-08	1.13E-06	1.81E-01	5.50E-04	4.09E-01	0.00E+00	3.07E+02	8.66E-07	3.07E+02	3.07E+02	4.09E-01	0.00E+00	0.00E+00	0.00E+00	8.35E-02
HW2M410FB	8.75E-02	1.38E+01	0.00E+00	1.38E+01	0.00E+00	0.00E+00	9.05E+00	5.18E-06	4.10E-02	4.50E-01	0.00E+00	0.00E+00	2.43E-10	4.70E-09	3.36E-02	0.00E+00	0.00E+00	0.00E+00	1.22E-03	4.85E-01	1.93E+02	0.00E+00	2.12E-08	7.11E-07	1.13E-01	3.45E-04	2.57E-01	0.00E+00	1.93E+02	5.44E-07	1.93E+02	1.93E+02	2.57E-01	0.00E+00	0.00E+00	0.00E+00	5.24E-02
HW2M410FE	8.75E-02	1.38E+01	0.00E+00	1.38E+01	0.00E+00	0.00E+00	9.05E+00	5.18E-06	4.10E-02	4.50E-01	0.00E+00	0.00E+00	2.43E-10	4.70E-09	3.36E-02	0.00E+00	0.00E+00	0.00E+00	1.22E-03	4.85E-01	1.93E+02	0.00E+00	2.12E-08	7.11E-07	1.13E-01	3.45E-04	2.57E-01	0.00E+00	1.93E+02	5.44E-07	1.93E+02	1.93E+02	2.57E-01	0.00E+00	0.00E+00	0.00E+00	5.24E-02
HW2M412DB	1.39E-01	2.19E+01	0.00E+00	2.19E+01	0.00E+00	0.00E+00	1.43E+01	8.22E-06	6.50E-02	7.13E-01	0.00E+00	0.00E+00	3.85E-10	7.45E-09	5.34E-02	0.00E+00	0.00E+00	0.00E+00	1.94E-03	7.69E-01	3.06E+02	0.00E+00	3.36E-08	1.13E-06	1.80E-01	5.48E-04	4.08E-01	0.00E+00	3.06E+02	8.62E-07	3.06E+02	3.06E+02	4.08E-01	0.00E+00	0.00E+00	0.00E+00	8.32E-02
HW2M412DE	1.39E-01	2.20E+01	0.00E+00	2.20E+01	0.00E+00	0.00E+00	1.44E+01	8.25E-06	6.53E-02	7.16E-01	0.00E+00	0.00E+00	3.86E-10	7.48E-09	5.36E-02	0.00E+00	0.00E+00	0.00E+00	1.94E-03	7.72E-01	3.07E+02	0.00E+00	3.37E-08	1.13E-06	1.81E-01	5.50E-04	4.09E-01	0.00E+00	3.07E+02	8.66E-07	3.07E+02	3.07E+02	4.09E-01	0.00E+00	0.00E+00	0.00E+00	8.35E-02
HW2M412FB	8.75E-02	1.38E+01	0.00E+00	1.38E+01	0.00E+00	0.00E+00	9.05E+00	5.18E-06	4.10E-02	4.50E-01	0.00E+00	0.00E+00	2.43E-10	4.70E-09	3.36E-02	0.00E+00	0.00E+00	0.00E+00	1.22E-03	4.85E-01	1.93E+02	0.00E+00	2.12E-08	7.11E-07	1.13E-01	3.45E-04	2.57E-01	0.00E+00	1.93E+02	5.44E-07	1.93E+02	1.93E+02	2.57E-01	0.00E+00	0.00E+00	0.00E+00	5.24E-02
HW2M412FE	8.75E-02	1.38E+01	0.00E+00	1.38E+01	0.00E+00	0.00E+00	9.05E+00	5.18E-06	4.10E-02	4.50E-01	0.00E+00	0.00E+00	2.43E-10	4.70E-09	3.36E-02	0.00E+00	0.00E+00	0.00E+00	1.22E-03	4.85E-01	1.93E+02	0.00E+00	2.12E-08	7.11E-07	1.13E-01	3.45E-04	2.57E-01	0.00E+00	1.93E+02	5.44E-07	1.93E+02	1.93E+02	2.57E-01	0.00E+00	0.00E+00	0.00E+00	5.24E-02
HW2M416DB	1.39E-01	2.20E+01	0.00E+00	2.20E+01	0.00E+00	0.00E+00	1.44E+01	8.25E-06	6.53E-02	7.16E-01	0.00E+00	0.00E+00	3.86E-10	7.48E-09	5.36E-02	0.00E+00	0.00E+00	0.00E+00	1.94E-03	7.72E-01	3.07E+02	0.00E+00	3.37E-08	1.13E-06	1.81E-01	5.50E-04	4.09E-01	0.00E+00	3.07E+02	8.66E-07	3.07E+02	3.07E+02	4.09E-01	0.00E+00	0.00E+00	0.00E+00	8.35E-02
HW2M416DE	1.39E-01	2.20E+01	0.00E+00	2.20E+01	0.00E+00	0.00E+00	1.44E+01	8.25E-06	6.53E-02	7.16E-01	0.00E+00	0.00E+00	3.86E-10	7.48E-09	5.36E-02	0.00E+00	0.00E+00	0.00E+00	1.94E-03	7.72E-01	3.07E+02	0.00E+00	3.37E-08	1.13E-06	1.81E-01	5.50E-04	4.09E-01	0.00E+00	3.07E+02	8.66E-07	3.07E+02	3.07E+02	4.09E-01	0.00E+00	0.00E+00	0.00E+00	8.35E-02
HW2M416FB	8.75E-02	1.38E+01	0.00E+00	1.38E+01	0.00E+00	0.00E+00	9.05E+00	5.18E-06	4.10E-02	4.50E-01	0.00E+00	0.00E+00	2.43E-10	4.70E-09	3.36E-02	0.00E+00	0.00E+00	0.00E+00	1.22E-03	4.85E-01	1.93E+02	0.00E+00	2.12E-08	7.11E-07	1.13E-01	3.45E-04	2.57E-01	0.00E+00	1.93E+02	5.44E-07	1.93E+02	1.93E+02	2.57E-01	0.00E+00	0.00E+00	0.00E+00	5.24E-02
HW2M416FE	8.75E-02	1.38E+01	0.00E+00	1.38E+01	0.00E+00	0.00E+00	9.05E+00	5.18E-06	4.10E-02	4.50E-01	0.00E+00	0.00E+00	2.43E-10	4.70E-09	3.36E-02	0.00E+00	0.00E+00	0.00E+00	1.22E-03	4.85E-01	1.93E+02	0.00E+00	2.12E-08	7.11E-07	1.13E-01	3.45E-04	2.57E-01	0.00E+00	1.93E+02	5.44E-07	1.93E+02	1.93E+02	2.57E-01	0.00E+00	0.00E+00	0.00E+00	5.24E-02
HW2M420DB	1.39E-01	2.20E+01	0.00E+00	2.20E+01	0.00E+00	0.00E+00	1.44E+01	8.25E-06	6.53E-02	7.16E-01	0.00E+00	0.00E+00	3.86E-10	7.48E-09	5.36E-02	0.00E+00	0.00E+00	0.00E+00	1.94E-03	7.72E-01	3.07E+02	0.00E+00	3.37E-08	1.13E-06	1.81E-01	5.50E-04	4.09E-01	0.00E+00	3.07E+02	8.66E-07	3.07E+02	3.07E+02	4.09E-01	0.00E+00	0.00E+00	0.00E+00	8.35E-02
HW2M420DE	1.39E-01	2.20E+01	0.00E+00	2.20E+01	0.00E+00	0.00E+00	1.44E+01	8.25E-06	6.53E-02	7.16E-01	0.00E+00	0.00E+00	3.86E-10	7.48E-09	5.36E-02	0.00E+00	0.00E+00	0.00E+00	1.94E-03	7.72E-01	3.07E+02	0.00E+00	3.37E-08	1.13E-06	1.81E-01	5.50E-04	4.09E-01	0.00E+00	3.07E+02	8.66E-07	3.07E+02	3.07E+02	4.09E-01	0.00E+00	0.00E+00	0.00E+00	8.35E-02
HW2M420FB	8.75E-02	1.38E+01	0.00E+00	1.38E+01	0.00E+00	0.00E+00	9.05E+00	5.18E-06	4.10E-02	4.50E-01	0.00E+00	0.00E+00	2.43E-10	4.70E-09	3.36E-02	0.00E+00	0.00E+00	0.00E+00	1.22E-03	4.85E-01	1.93E+02	0.00E+00	2.12E-08	7.11E-07	1.13E-01	3.45E-04	2.57E-01	0.00E+00	1.93E+02	5.44E-07	1.93E+02	1.93E+02	2.57E-01	0.00E+00	0.00E+00	0.00E+00	5.24E-02
HW2M420FE	8.75E-02	1.38E+01	0.00E+00	1.38E+01	0.00E+00	0.00E+00	9.05E+00	5.18E-06	4.10E-02	4.50E-01	0.00E+00	0.00E+00	2.43E-10	4.70E-09	3.36E-02	0.00E+00	0.00E+00	0.00E+00	1.22E-03	4.85E-01	1.93E+02	0.00E+00	2.12E-08	7.11E-07	1.13E-01	3.45E-04	2.57E-01	0.00E+00	1.93E+02	5.44E-07	1.93E+02	1.93E+02	2.57E-01	0.00E+00	0.00E+00	0.00E+00	5.24E-02
HW2M425DB	1.39E-01	2.20E+01	0.00E+00	2.20E+01	0.00E+00	0.00E+00	1.44E+01	8.25E-06	6.53E-02	7.16E-01	0.00E+00	0.00E+00	3.86E-10	7.48E-09	5.36E-02	0.00E+00	0.00E+00	0.00E+00	1.94E-03	7.72E-01	3.07E+02	0.00E+00	3.37E-08	1.13E-06	1.81E-01	5.50E-04	4.09E-01	0.00E+00	3.07E+02	8.66E-07	3.07E+02	3.07E+02	4.09E-01	0.00E+00	0.00E+00	0.00E+00	8.35E-02
HW2M425DE	1.39E-01	2.20E+01	0.00E+00	2.20E+01	0.00E+00	0.00E+00	1.44E+01	8.25E-06	6.53E-02	7.16E-01	0.00E+00	0.00E+00	3.86E-10	7.48E-09	5.36E-02	0.00E+00	0.00E+00	0.00E+00	1.94E-03	7.72E-01	3.07E+02	0.00E+00	3.37E-08	1.13E-06	1.81E-01	5.50E-04	4.09E-01	0.00E+00	3.07E+02	8.66E-07	3.07E+02	3.07E+02	4.09E-01	0.00E+00	0.00E+00	0.00E+00	8.35E-02
HW2M425FB	8.75E-02	1.38E+01	0.00E+00	1.38E+01	0.00E+00	0.00E+00	9.05E+00	5.18E-06	4.10E-02	4.50E-01	0.00E+00	0.00E+00	2.43E-10	4.70E-09	3.36E-02	0.00E+00	0.00E+00	0.00E+00	1.22E-03	4.85E-01	1.93E+02	0.00E+00	2.12E-08	7.11E-07	1.13E-01	3.45E-04	2.57E-01	0.00E+00	1.93E+02	5.44E-07	1.93E+02	1.93E+02	2.57E-01	0.00E+00	0.00E+00	0.00E+00	5.24E-02
HW2M425FE	8.75E-02	1.38E+01	0.00E+00	1.38E+01	0.00E+00	0.00E+00	9.05E+00	5.18E-06	4.10E-02	4.50E-01	0.00E+00	0.00E+00	2.43E-10	4.70E-09	3.36E-02	0.00E+00	0.00E+00	0.00E+00	1.22E-03	4.85E-01	1.93E+02	0.00E+00	2.12E-08	7.11E-07	1.13E-01	3.45E-04	2.57E-01	0.00E+00	1.93E+02	5.44E-07	1.93E+02	1.93E+02	2.57E-01	0.00E+00	0.00E+00	0.00E+00	5.24E-02
HW2S306DB	1.20E-01	1.90E+01	0.00E+00	1.90E+01	0.00E+00	0.00E+00	1.25E+01	7.13E-06	5.65E-02	6.19E-01	0.00E+00	0.00E+00	3.34E-10	6.47E-09	4.63E-02	0.00E+00	0.00E+00	0.00E+00	1.68E-03	6.68E-01	2.65E+02	0.00E+00	2.92E-08	9.79E-07	1.56E-01	4.75E-04	3.54E-01	0.00E+00	2.65E+02	7.49E-07	2.65E+02	2.66E+02	3.54E-01	0.00E+00	0.00E+00	0.00E+00	7.22E-02

HW2S306DE	1.20E-01	1.90E+01	0.00E+00	1.90E+01	0.00E+00	0.00E+00	1.25E+01	7.13E-06	5.65E-02	6.19E-01	0.00E+00	0.00E+00	3.34E-10	6.47E-09	4.63E-02	0.00E+00	0.00E+00	0.00E+00	1.68E-03	6.68E-01	2.65E+02	0.00E+00	2.92E-09	9.79E-07	1.56E-01	4.75E-04	3.54E-01	0.00E+00	2.65E+02	7.49E-07	2.65E+02	2.66E+02	3.54E-01	0.00E+00	0.00E+00	0.00E+00	7.22E-02
HW2S306FB	8.04E-02	1.27E+01	0.00E+00	1.27E+01	0.00E+00	0.00E+00	8.32E+00	4.76E-06	3.77E-02	4.14E-01	0.00E+00	0.00E+00	2.23E-10	4.32E-09	3.09E-02	0.00E+00	0.00E+00	0.00E+00	1.12E-03	4.46E-01	1.77E+02	0.00E+00	1.95E-09	6.54E-07	1.04E-01	3.17E-04	2.36E-01	0.00E+00	1.77E+02	5.00E-07	1.77E+02	1.77E+02	2.36E-01	0.00E+00	0.00E+00	0.00E+00	4.82E-02
HW2S306FE	8.04E-02	1.27E+01	0.00E+00	1.27E+01	0.00E+00	0.00E+00	8.32E+00	4.76E-06	3.77E-02	4.14E-01	0.00E+00	0.00E+00	2.23E-10	4.32E-09	3.09E-02	0.00E+00	0.00E+00	0.00E+00	1.12E-03	4.46E-01	1.77E+02	0.00E+00	1.95E-09	6.54E-07	1.04E-01	3.17E-04	2.36E-01	0.00E+00	1.77E+02	5.00E-07	1.77E+02	1.77E+02	2.36E-01	0.00E+00	0.00E+00	0.00E+00	4.82E-02
HW2S308DB	1.20E-01	1.90E+01	0.00E+00	1.90E+01	0.00E+00	0.00E+00	1.25E+01	7.13E-06	5.65E-02	6.19E-01	0.00E+00	0.00E+00	3.34E-10	6.47E-09	4.63E-02	0.00E+00	0.00E+00	0.00E+00	1.68E-03	6.68E-01	2.65E+02	0.00E+00	2.92E-09	9.79E-07	1.56E-01	4.75E-04	3.54E-01	0.00E+00	2.65E+02	7.49E-07	2.65E+02	2.66E+02	3.54E-01	0.00E+00	0.00E+00	0.00E+00	7.22E-02
HW2S308DE	1.20E-01	1.90E+01	0.00E+00	1.90E+01	0.00E+00	0.00E+00	1.25E+01	7.13E-06	5.65E-02	6.19E-01	0.00E+00	0.00E+00	3.34E-10	6.47E-09	4.63E-02	0.00E+00	0.00E+00	0.00E+00	1.68E-03	6.68E-01	2.65E+02	0.00E+00	2.92E-09	9.79E-07	1.56E-01	4.75E-04	3.54E-01	0.00E+00	2.65E+02	7.49E-07	2.65E+02	2.66E+02	3.54E-01	0.00E+00	0.00E+00	0.00E+00	7.22E-02
HW2S308FB	8.04E-02	1.27E+01	0.00E+00	1.27E+01	0.00E+00	0.00E+00	8.32E+00	4.76E-06	3.77E-02	4.14E-01	0.00E+00	0.00E+00	2.23E-10	4.32E-09	3.09E-02	0.00E+00	0.00E+00	0.00E+00	1.12E-03	4.46E-01	1.77E+02	0.00E+00	1.95E-09	6.54E-07	1.04E-01	3.17E-04	2.36E-01	0.00E+00	1.77E+02	5.00E-07	1.77E+02	1.77E+02	2.36E-01	0.00E+00	0.00E+00	0.00E+00	4.82E-02
HW2S308FE	8.04E-02	1.27E+01	0.00E+00	1.27E+01	0.00E+00	0.00E+00	8.32E+00	4.76E-06	3.77E-02	4.14E-01	0.00E+00	0.00E+00	2.23E-10	4.32E-09	3.09E-02	0.00E+00	0.00E+00	0.00E+00	1.12E-03	4.46E-01	1.77E+02	0.00E+00	1.95E-09	6.54E-07	1.04E-01	3.17E-04	2.36E-01	0.00E+00	1.77E+02	5.00E-07	1.77E+02	1.77E+02	2.36E-01	0.00E+00	0.00E+00	0.00E+00	4.82E-02
HW2S310DB	1.20E-01	1.90E+01	0.00E+00	1.90E+01	0.00E+00	0.00E+00	1.25E+01	7.13E-06	5.64E-02	6.19E-01	0.00E+00	0.00E+00	3.34E-10	6.46E-09	4.63E-02	0.00E+00	0.00E+00	0.00E+00	1.68E-03	6.67E-01	2.65E+02	0.00E+00	2.91E-09	9.79E-07	1.56E-01	4.75E-04	3.54E-01	0.00E+00	2.65E+02	7.48E-07	2.65E+02	2.66E+02	3.54E-01	0.00E+00	0.00E+00	0.00E+00	7.22E-02
HW2S310DE	1.20E-01	1.90E+01	0.00E+00	1.90E+01	0.00E+00	0.00E+00	1.25E+01	7.13E-06	5.64E-02	6.19E-01	0.00E+00	0.00E+00	3.34E-10	6.46E-09	4.63E-02	0.00E+00	0.00E+00	0.00E+00	1.68E-03	6.67E-01	2.65E+02	0.00E+00	2.91E-09	9.79E-07	1.56E-01	4.75E-04	3.54E-01	0.00E+00	2.65E+02	7.48E-07	2.65E+02	2.66E+02	3.54E-01	0.00E+00	0.00E+00	0.00E+00	7.22E-02
HW2S310FB	8.12E-02	1.28E+01	0.00E+00	1.28E+01	0.00E+00	0.00E+00	8.40E+00	4.81E-06	3.81E-02	4.17E-01	0.00E+00	0.00E+00	2.25E-10	4.36E-09	3.12E-02	0.00E+00	0.00E+00	0.00E+00	1.13E-03	4.50E-01	1.79E+02	0.00E+00	1.96E-09	6.60E-07	1.05E-01	3.20E-04	2.39E-01	0.00E+00	1.79E+02	5.05E-07	1.79E+02	1.79E+02	2.39E-01	0.00E+00	0.00E+00	0.00E+00	4.87E-02
HW2S310FE	8.12E-02	1.28E+01	0.00E+00	1.28E+01	0.00E+00	0.00E+00	8.39E+00	4.81E-06	3.80E-02	4.17E-01	0.00E+00	0.00E+00	2.25E-10	4.36E-09	3.12E-02	0.00E+00	0.00E+00	0.00E+00	1.13E-03	4.50E-01	1.79E+02	0.00E+00	1.96E-09	6.60E-07	1.05E-01	3.20E-04	2.39E-01	0.00E+00	1.79E+02	5.04E-07	1.79E+02	1.79E+02	2.39E-01	0.00E+00	0.00E+00	0.00E+00	4.87E-02
HW2S312DB	1.20E-01	1.90E+01	0.00E+00	1.90E+01	0.00E+00	0.00E+00	1.25E+01	7.13E-06	5.64E-02	6.19E-01	0.00E+00	0.00E+00	3.34E-10	6.46E-09	4.63E-02	0.00E+00	0.00E+00	0.00E+00	1.68E-03	6.67E-01	2.65E+02	0.00E+00	2.91E-09	9.79E-07	1.56E-01	4.75E-04	3.54E-01	0.00E+00	2.65E+02	7.48E-07	2.65E+02	2.66E+02	3.54E-01	0.00E+00	0.00E+00	0.00E+00	7.22E-02
HW2S312DE	1.20E-01	1.90E+01	0.00E+00	1.90E+01	0.00E+00	0.00E+00	1.25E+01	7.13E-06	5.64E-02	6.19E-01	0.00E+00	0.00E+00	3.34E-10	6.46E-09	4.63E-02	0.00E+00	0.00E+00	0.00E+00	1.68E-03	6.67E-01	2.65E+02	0.00E+00	2.91E-09	9.79E-07	1.56E-01	4.75E-04	3.54E-01	0.00E+00	2.65E+02	7.48E-07	2.65E+02	2.66E+02	3.54E-01	0.00E+00	0.00E+00	0.00E+00	7.22E-02
HW2S312FB	8.12E-02	1.28E+01	0.00E+00	1.28E+01	0.00E+00	0.00E+00	8.40E+00	4.81E-06	3.81E-02	4.17E-01	0.00E+00	0.00E+00	2.25E-10	4.36E-09	3.12E-02	0.00E+00	0.00E+00	0.00E+00	1.13E-03	4.50E-01	1.79E+02	0.00E+00	1.96E-09	6.60E-07	1.05E-01	3.20E-04	2.39E-01	0.00E+00	1.79E+02	5.05E-07	1.79E+02	1.79E+02	2.39E-01	0.00E+00	0.00E+00	0.00E+00	4.87E-02
HW2S312FE	8.12E-02	1.28E+01	0.00E+00	1.28E+01	0.00E+00	0.00E+00	8.40E+00	4.81E-06	3.80E-02	4.17E-01	0.00E+00	0.00E+00	2.25E-10	4.36E-09	3.12E-02	0.00E+00	0.00E+00	0.00E+00	1.13E-03	4.50E-01	1.79E+02	0.00E+00	1.96E-09	6.60E-07	1.05E-01	3.20E-04	2.39E-01	0.00E+00	1.79E+02	5.05E-07	1.79E+02	1.79E+02	2.39E-01	0.00E+00	0.00E+00	0.00E+00	4.87E-02
HW2S316DB	1.20E-01	1.90E+01	0.00E+00	1.90E+01	0.00E+00	0.00E+00	1.25E+01	7.13E-06	5.64E-02	6.19E-01	0.00E+00	0.00E+00	3.34E-10	6.46E-09	4.63E-02	0.00E+00	0.00E+00	0.00E+00	1.68E-03	6.67E-01	2.65E+02	0.00E+00	2.91E-09	9.79E-07	1.56E-01	4.75E-04	3.54E-01	0.00E+00	2.65E+02	7.48E-07	2.65E+02	2.66E+02	3.54E-01	0.00E+00	0.00E+00	0.00E+00	7.22E-02
HW2S316DE	1.20E-01	1.90E+01	0.00E+00	1.90E+01	0.00E+00	0.00E+00	1.25E+01	7.13E-06	5.64E-02	6.19E-01	0.00E+00	0.00E+00	3.34E-10	6.46E-09	4.63E-02	0.00E+00	0.00E+00	0.00E+00	1.68E-03	6.67E-01	2.65E+02	0.00E+00	2.91E-09	9.79E-07	1.56E-01	4.75E-04	3.54E-01	0.00E+00	2.65E+02	7.48E-07	2.65E+02	2.66E+02	3.54E-01	0.00E+00	0.00E+00	0.00E+00	7.22E-02
HW2S316FB	8.12E-02	1.28E+01	0.00E+00	1.28E+01	0.00E+00	0.00E+00	8.40E+00	4.81E-06	3.81E-02	4.17E-01	0.00E+00	0.00E+00	2.25E-10	4.36E-09	3.12E-02	0.00E+00	0.00E+00	0.00E+00	1.13E-03	4.50E-01	1.79E+02	0.00E+00	1.96E-09	6.60E-07	1.05E-01	3.20E-04	2.39E-01	0.00E+00	1.79E+02	5.05E-07	1.79E+02	1.79E+02	2.39E-01	0.00E+00	0.00E+00	0.00E+00	4.87E-02
HW2S316FE	8.12E-02	1.28E+01	0.00E+00	1.28E+01	0.00E+00	0.00E+00	8.40E+00	4.81E-06	3.80E-02	4.17E-01	0.00E+00	0.00E+00	2.25E-10	4.36E-09	3.12E-02	0.00E+00	0.00E+00	0.00E+00	1.13E-03	4.50E-01	1.79E+02	0.00E+00	1.96E-09	6.60E-07	1.05E-01	3.20E-04	2.39E-01	0.00E+00	1.79E+02	5.05E-07	1.79E+02	1.79E+02	2.39E-01	0.00E+00	0.00E+00	0.00E+00	4.87E-02
HW2S320DB	1.20E-01	1.90E+01	0.00E+00	1.90E+01	0.00E+00	0.00E+00	1.25E+01	7.13E-06	5.64E-02	6.19E-01	0.00E+00	0.00E+00	3.34E-10	6.46E-09	4.63E-02	0.00E+00	0.00E+00	0.00E+00	1.68E-03	6.67E-01	2.65E+02	0.00E+00	2.91E-09	9.79E-07	1.56E-01	4.75E-04	3.54E-01	0.00E+00	2.65E+02	7.48E-07	2.65E+02	2.66E+02	3.54E-01	0.00E+00	0.00E+00	0.00E+00	7.22E-02
HW2S320DE	1.20E-01	1.90E+01	0.00E+00	1.90E+01	0.00E+00	0.00E+00	1.25E+01	7.13E-06	5.64E-02	6.19E-01	0.00E+00	0.00E+00	3.34E-10	6.46E-09	4.63E-02	0.00E+00	0.00E+00	0.00E+00	1.68E-03	6.67E-01	2.65E+02	0.00E+00	2.91E-09	9.79E-07	1.56E-01	4.75E-04	3.54E-01	0.00E+00	2.65E+02	7.48E-07	2.65E+02	2.66E+02	3.54E-01	0.00E+00	0.00E+00	0.00E+00	7.22E-02
HW2S320FB	8.12E-02	1.28E+01	0.00E+00	1.28E+01	0.00E+00	0.00E+00	8.40E+00	4.81E-06	3.81E-02	4.17E-01	0.00E+00	0.00E+00	2.25E-10	4.36E-09	3.12E-02	0.00E+00	0.00E+00	0.00E+00	1.13E-03	4.50E-01	1.79E+02	0.00E+00	1.96E-09	6.60E-07	1.05E-01	3.20E-04	2.39E-01	0.00E+00	1.79E+02	5.05E-07	1.79E+02	1.79E+02	2.39E-01	0.00E+00	0.00E+00	0.00E+00	4.87E-02
HW2S320FE	8.12E-02	1.28E+01	0.00E+00	1.28E+01	0.00E+00	0.00E+00	8.40E+00	4.81E-06	3.80E-02	4.17E-01	0.00E+00	0.00E+00	2.25E-10	4.36E-09	3.12E-02	0.00E+00	0.00E+00	0.00E+00	1.13E-03	4.50E-01	1.79E+02	0.00E+00	1.96E-09	6.60E-07	1.05E-01	3.20E-04	2.39E-01	0.00E+00	1.79E+02	5.05E-07	1.79E+02	1.79E+02	2.39E-01	0.00E+00	0.00E+00	0.00E+00	4.87E-02
HW2S325DB	1.20E-01	1.90E+01	0.00E+00	1.90E+01	0.00E+00	0.00E+00	1.25E+01	7.13E-06	5.64E-02	6.19E-01	0.00E+00	0.00E+00	3.34E-10	6.46E-09	4.63E-02	0.00E+00	0.00E+00	0.00E+00	1.68E-03	6.67E-01	2.65E+02	0.00E+00	2.91E-09	9.79E-07	1.56E-01	4.75E-04	3.54E-01	0.00E+00	2.65E+02	7.48E-07	2.65E+02	2.66E+02	3.54E-01	0.00E+00	0.00E+00	0.00E+00	7.22E-02
HW2S325DE	1.20E-01	1.90E+01	0.00E+00	1.90E+01	0.00E+00	0.00E+00	1.25E+01	7.13E-06	5.65E-02	6.19E-01	0.00E+00	0.00E+00	3.34E-10	6.47E-09	4.63E-02	0.00E+00	0.00E+00	0.00E+00	1.68E-03	6.68E-01	2.65E+02	0.00E+00	2.92E-09	9.79E-07	1.56E-01	4.75E-04	3.54E-01	0.00E+00	2.65E+02	7.49E-07	2.65E+02	2.66E+02	3.54E-01	0.00E+00	0.00E+00	0.00E+00	7.22E-02
HW2S325FB	8.12E-02	1.28E+01	0.00E+00	1.28E+01	0.00E+00	0.00E+00	8.40E+00	4.81E-06	3.81E-02	4.17E-01	0.00E+00	0.00E+00	2.25E-10	4.36E-09	3.12E-02	0.00E+00	0.00E+00	0.00E+00	1.13E-03	4.50E-01	1.79E+02	0.00E+00	1.96E-09	6.60E-07	1.05E-01	3.20E-04	2.39E-01	0.00E+00	1.79E+02	5.05E-07	1.79E+02	1.79E+02	2.39E-01	0.00E+00	0.00E+00	0.00E+00	4.87E-02
HW2S325FE	8.12E-02	1.28E+01	0.00E+00	1.28E+01	0.00E+00	0.00E+00	8.40E+00	4.81E-06	3.80E-02	4.17E-01	0.00E+00	0.00E+00	2.25E-10	4.36E-09	3.12E-02	0.00E+00	0.00E+00	0.00E+00	1.13E-03	4.50E-01	1.79E+02	0.00E+00	1.96E-09	6.60E-07	1.05E-01	3.20E-04	2.39E-01	0.00E+00	1.79E+02	5.05E-07	1.79E+02	1.79E+02	2.39E-01	0.00E+00	0.00E+00	0.00E+00	4.87E-02
HW2S406DB	1.39E-01	2.20E+01	0.00E+00	2.20E+01	0.00E+00	0.00E+00	1.44E+01	8.25E-06	6.53E-02	7.16E-01	0.00E+00	0.00E+00	3.86E-10	7.48E-09	5.36E-02	0.00E+00	0.00E+00	0.00E+00	1.94E-03	7.72E-01	3.07E+02	0.00E+00	3.37E-09	1.13E-06	1.81E-01	5.50E-04	4.09E-01	0.00E+00	3.07E+02	8.66E-07	3.07E+02	3.07E+02	4.09E-01	0.00E+00	0.00E+00	0.00E+00	8.35E-02
HW2S406DE	1.39E-01	2.20E+01	0.00E+00	2.20E+01	0.00E+00	0.00E+00	1.44E+01	8.25E-06	6.53E-02	7.16E-01	0.00E+00	0.00E+00	3.86E-10	7.48E-09	5.36E-02	0.00E+00	0.00E+00	0.00E+00	1.94E-03	7.72E-01	3.07E+02	0.00E+00	3.37E-09	1.13E-06	1.81E-01	5.50E-04	4.09E-01	0.00E+00	3.07E+02	8.66E-07	3.07E+02	3.07E+02	4.09E-01	0.00E+00	0.00E+00	0.00E+00	8.35E-02
HW2S406FB	8.75E-02	1.38E+01	0.00E+00	1.38E+01	0.00E+00	0.00E+00	9.05E+00	5.18E-06	4.10E-02	4.50E-01	0.00E+00	0.00E+00	2.43E-10	4.70E-09	3.36E-02	0.00E+00	0.00E+00	0.00E+00	1.22E-03	4.85E-01	1.93E+02	0.00E+00	2.12E-09	7.11E-07	1.13E-01	3.45E-04	2.57E-01	0.00E+00	1.93E+02	5.44E-07	1.93E+02	1.93E+02	2.57E-01	0.00E+00	0.00E+00	0.00E+00	5.24E-02
HW2S406FE	8.75E-02	1.38E+01	0.00E+00	1.38E+01	0.00E+00	0.00E+00	9.05E+00	5.18E-06	4.10E-02	4.50E-01	0.00E+00	0.00E+00	2.43E-10	4.70E-09	3.36E-02	0.00E+00	0.00E+00	0.00E+00	1.22E-03	4.85E-01	1.93E+02	0.00E+00	2.12E-09	7.11E-07	1.13E-01	3.45E-04	2.57E-01	0.00E+00	1.93E+02	5.44E-07	1.93E+02	1.93E+02	2.57E-01	0.00E+00	0.00E+00	0.00E+00	5.24E-02
HW2S408DB	1.39E-01	2.20E+01	0.00E+00	2.20E+01	0.00E+00	0.00E+00	1.44E+01	8.25E-06	6.53E-02	7.16E-01	0.00E+00	0.00E+00	3.86E-10	7.48E-09	5.36E-02	0.00E+00	0.00E+00	0.00E+00	1.94E-03	7.72E-01	3.07E+02	0.00E+00	3.37E-09	1.13E-06	1.81E-01	5.50E-04	4.09E-01	0.00E+00	3.07E+02	8.66E-07	3.07E+02	3.07E+02	4.09E-01	0.00E+00	0.00E+00	0.00E+00	8.35E-02
HW2S408DE	1.39E-01	2.20E+01	0.00E+00	2.20E+01	0.00E+00	0.00E+00	1.44E+01	8.25E-06	6.53E-02	7.16E-01	0.00E+00	0.00E+00	3.86E-10	7.48E-09	5.36E-02	0.00E+00	0.00E+00	0.00E+00	1.94E-03	7.72E-01	3.07E+02	0.00E+00	3.37E-09	1.13E-06	1.81E-01	5.50E-04	4.09E-01	0.00E+00	3.07E+02	8.66E-07	3.07E+02	3.07E+02	4.09E-01	0.00E+00	0.00E+00	0.00E+00	8.35E-02
HW2S408FB	8.75E-02	1.38E+01	0.00E+00	1.38E+01	0.00E+00	0.00E+00	9.05E+00	5.18E-06	4.10E-02	4.50E-01	0.00E+00	0.00E+00	2.43E-10	4.70E-09	3.36E-02	0.00E+00	0.00E+00	0.00E+00	1.22E-03	4.85E-01	1.93E+02	0.00E+00	2.12E-09	7.11E-07	1.13E-01	3.45E-04	2.57E-01	0.00E+00	1.93E+02	5.44E-07	1.93E+02	1.93E+02	2.57E-01	0.00E+00	0.00E+00	0.00E+00	5.24E-02
HW2S408FE	8.75E-02	1.38E+01	0.00E+00	1.38E+01	0.00E+00	0.00E+00	9.05E+00	5.18E-06	4.10E-02	4.50E-01	0.00E+00	0.00E+00	2.43E-10	4.70E-09	3.36E-02	0.00E+00	0.00E+00	0.00E+00	1.22E-03	4.85E-01	1.93E+02	0.00E+00	2.12E-09	7.11E-07	1.13E-01	3.45E-04	2.57E-01	0.00E+00	1.93E+02	5.44E-07	1.93E+02	1.93E+02	2.57E-01	0.00E+00	0.00E+00	0.00E+00	5.24E-02
HW2S410DB	1.39E-01	2.20E+01	0.00E+00	2.20E+01	0.00E+00	0.00E+00	1.44E+01	8.25E-06	6.53E-02	7.16E-01	0.00E+00	0.00E+00	3.86E-10	7.48E-09	5.36E-02	0.00E+00	0.00E+00	0.00E+00	1.94E-03	7.72E-01	3.07E+02	0.00E+00	3.37E-09	1.13E-06	1.81E-01	5.50E-04	4.09E-01	0.00E+00	3.07E+02	8.66E-07	3.07E+02	3.07E+02	4.09E-01	0.00E+00	0.00E+00	0.00E+00	8.35E-02
HW2S410DE	1.39E-01	2.20E+01	0.00E+00	2.20E+01	0.00E+00	0.00E+00	1.44E+01	8.25E-06	6.53E-02	7.16E-01	0.00E+00	0.00E+00	3.86E-10	7.48E-09	5.36E-02	0.00E+00	0.00E+00	0.00E+00	1.94E-03	7.72E-01	3.07E+02	0.00E+00	3.37E-09	1.13E-06	1.81E-01	5.50E-04	4.09E-01	0.00E+00	3.07E+02	8.66E-07	3.07E+02	3.07E+02	4.09E-01	0.00E+00	0.00E+00	0.00E+00	8.35E-02
HW2S410FB	8.75E-02	1.38E+01	0.00E+00	1.38E+01	0.00E+00	0.00E+00	9.05E+00	5.18E-06	4.10E-02	4.50E-01	0.00E+00	0.00E+00	2.43E-10	4.70E-09	3.36E-02	0.00E+00	0.00E+00	0.00E+00	1.22E-03	4.85E-01	1.93E+02	0.00E+00	2.12E-09	7.11E-07	1.13E-01	3.45E-04	2.57E-01	0.00E+00	1.93E+02	5.44E-07	1.93E+02	1.93E+02	2.57E-01	0.00E+00	0.00E+00	0.00E+00	5.24E-02
HW2S410FE	8.75E-02	1.38E+01	0.00E+00	1.38E+01	0.00E+00	0.00E+00	9.05E+00	5.18E-06	4.10E-02	4.50E-01	0.00E+00	0.00E+00	2.43E-10	4.70E-09	3.36E-02	0.00E+00	0.00E+00	0.00E+00	1.22E-03	4.85E-01	1.93E+02	0.00E+00	2.12E-09	7.11E-07	1.13E-01	3.45E-04	2.57E-01	0.00E+00	1.93E+02	5.44E-07	1.93E+02	1.93E+02	2.57E-01	0.00E+00	0.00E+00	0.00E+00	5.24E-02
HW2S412DB	1.39E-01	2.20E+01	0.00E+00	2.20E+01	0.00E+00	0.00E+00	1.44E+01	8.25E-06	6.53E-02	7.16E-01	0.00E+00	0.00E+00	3.86E-10	7.48E-09	5.36E-02	0.00E+00	0.00E+00	0.00E+00	1.94E-03	7.72E-01	3.07E+02	0.00E+00	3.37E-09	1.13E-06	1.81E-01	5.50E-04	4.09E-01	0.00E+00	3.07E+02	8.66E-07	3.07E+02	3.07E+02	4.09E-01	0.00E+00	0.00E+00	0.00E+00	8.35E-02
HW2S412DE	1.39E-01	2.20E+01	0.00E+00	2.20E+01	0.00E+00	0.00E+00	1.44E+01	8.25E-06	6.53E-02	7.16E-01	0.00E+00	0.00E+00	3.86E-10	7.48E-09	5.36E-02	0.00E+00	0.00E+00	0.00E+00	1.94E-03	7.72E-01	3.07E+02	0.00E+00	3.37E-09	1.13E-06	1.81E-01	5.50E-04	4.09E-01	0.00E+00	3.07E+02	8.66E-07	3.07E+02	3.07E+02	4.09E-01	0.00E+00	0.00E+00	0.00E+00	8.35E-02
HW2S412FB	8.75E-02	1.38E+01	0.00E+00	1.38E+01	0.00E+00	0.00E+00	9.05E+00	5.18E-06	4.10E-02	4.50E-01	0.00E+00	0.00E+00	2.43E-10	4.70E-09	3.36E-02	0.00E+00	0.00E+00	0.00E+00	1.22E-03	4.85E-01	1.93E+02	0.00E+00	2.12E-09	7.11E-07	1.13E-01	3.45E-04	2.57E-01	0.00E+00	1.93E+02	5.44E-07	1.93E+02	1.93E+02	2.57E-01	0.00E+00	0.00E+00	0.00E+00	5.24E-02
HW2S412FE	8.75E-02	1.38E+01	0.00E+00	1.38E+01	0.00E+00	0.00E+00	9.05E+00	5.18E-06	4.10E-02	4.50E-01	0.00E+00	0.00E+00	2.43E-10	4.70E-09	3.36E-02	0.00E+00	0.00E+00	0.00E+00	1.22E-03	4.85E-01	1.93E+02	0.00E+00	2.12E-09	7.11E-07	1.13E-01	3.45E-04	2.57E-01	0.00E+00	1.93E+02	5.44E-07	1.93E+02	1.93E+02	2.57E-01	0.00E+00	0.00E+00	0.00E+00	5.24E-02
HW2S416DB	1.39E-01	2.20E+01	0.00E+00	2.20E+01	0.00E+00	0.00E+00	1.44E+01	8.25E-06	6.53E-02	7.16E-01	0.00E+00	0.00E+00	3.86E-10	7.48E-09	5.36E-02	0.00E+00	0.00E+00	0.00E+00	1.94E-03	7.72E-01	3.07E+02	0.00E+00	3.37E-09	1.13E-06	1.81E-01	5.50E-04	4.09E-01	0.00E+00	3.07E+02	8.66E-07	3.07E+02	3.07E+02	4.09E-01	0.00E+00	0.00E+00	0.00E+00	8.35E-02
HW2S416DE	1.39E-01	2.20E+01	0.00E+00	2.20E+01	0.00E+00	0.00E+00	1.44E+01	8.25E-06	6.53E-02	7.16E-01	0.00E+00	0.00E+00	3.86E-10	7.48E-09	5.36E-02	0.00E+00	0.00E+00	0.00E+00	1.94E-03	7.72E-01	3.07E+02	0.00E+00	3.37E-09	1.13E-06	1.81E-01	5.50E-04	4.09E-01	0.00E+00	3.07E+02	8.66E-07	3.07E+02	3.07E+02	4.09E-01	0.00E+00	0.00E+00	0.00E+00	8.35E-02
HW2S416FB	8.75E-02	1.38E+01	0.00E+00	1.38E+01	0.00E+00	0.00E+00	9.05E+00	5.18E-06	4.10E-02	4.50E-01	0.00E+00	0.00E+00	2.43E-10	4.70E-09	3.36E-02	0.00E+00	0.00E+00	0.00E+00	1.22E-03	4.85E-01	1.93E+02	0.00E+00	2.12E-09	7.11E-07	1.13E-01	3.45E-04	2.57E-01	0.00E+00	1.93E+02	5.44E-07	1.93E+02	1.93E+02	2.57E-01	0.00E+00	0.00E+00	0.00E+00	5.24E-02
HW2S416FE	8.75E-02	1.38E+01	0.00E+00	1.38E+01	0.00E+00	0.00E+00	9.05E+00	5.18E-06	4.10E-02	4.50E

HF4P340FEKH-MTS	1.04E-01	1.64E+01	0.00E+00	1.64E+01	0.00E+00	0.00E+00	1.07E+01	6.14E-06	4.86E-02	5.33E-01	0.00E+00	0.00E+00	2.88E-10	5.57E-09	3.99E-02	0.00E+00	0.00E+00	0.00E+00	1.45E-03	5.75E-01	2.28E+02	0.00E+00	2.51E-09	8.43E-07	1.35E-01	4.09E-04	3.05E-01	0.00E+00	2.28E+02	6.45E-07	2.28E+02	2.29E+02	3.05E-01	0.00E+00	0.00E+00	0.00E+00	6.22E-02
HF4P440FCKH-MTS	1.24E-01	1.96E+01	0.00E+00	1.96E+01	0.00E+00	0.00E+00	1.28E+01	7.35E-06	5.81E-02	6.38E-01	0.00E+00	0.00E+00	3.44E-10	6.66E-09	4.77E-02	0.00E+00	0.00E+00	0.00E+00	1.73E-03	6.87E-01	2.73E+02	0.00E+00	3.00E-09	1.01E-06	1.61E-01	4.90E-04	3.65E-01	0.00E+00	2.73E+02	7.71E-07	2.73E+02	2.74E+02	3.65E-01	0.00E+00	0.00E+00	0.00E+00	7.44E-02
HF4P440FEKH-MTS	1.24E-01	1.96E+01	0.00E+00	1.96E+01	0.00E+00	0.00E+00	1.28E+01	7.35E-06	5.81E-02	6.38E-01	0.00E+00	0.00E+00	3.44E-10	6.66E-09	4.77E-02	0.00E+00	0.00E+00	0.00E+00	1.73E-03	6.88E-01	2.73E+02	0.00E+00	3.00E-09	1.01E-06	1.61E-01	4.90E-04	3.65E-01	0.00E+00	2.73E+02	7.71E-07	2.73E+02	2.74E+02	3.65E-01	0.00E+00	0.00E+00	0.00E+00	7.44E-02
HF4W340FSAH-MTS	1.01E-01	1.60E+01	0.00E+00	1.60E+01	0.00E+00	0.00E+00	1.05E+01	6.01E-06	4.75E-02	5.22E-01	0.00E+00	0.00E+00	2.81E-10	5.44E-09	3.90E-02	0.00E+00	0.00E+00	0.00E+00	1.42E-03	5.62E-01	2.23E+02	0.00E+00	2.46E-09	8.25E-07	1.32E-01	4.00E-04	2.98E-01	0.00E+00	2.23E+02	6.31E-07	2.23E+02	2.24E+02	2.98E-01	0.00E+00	0.00E+00	0.00E+00	6.08E-02
HF4W440FSAH-MTS	1.23E-01	1.94E+01	0.00E+00	1.94E+01	0.00E+00	0.00E+00	1.27E+01	7.28E-06	5.76E-02	6.32E-01	0.00E+00	0.00E+00	3.41E-10	6.60E-09	4.73E-02	0.00E+00	0.00E+00	0.00E+00	1.72E-03	6.81E-01	2.71E+02	0.00E+00	2.97E-09	9.99E-07	1.59E-01	4.85E-04	3.61E-01	0.00E+00	2.71E+02	7.64E-07	2.71E+02	2.71E+02	3.61E-01	0.00E+00	0.00E+00	0.00E+00	7.37E-02
HF4W432FSAI-MTS	1.23E-01	1.94E+01	0.00E+00	1.94E+01	0.00E+00	0.00E+00	1.27E+01	7.28E-06	5.76E-02	6.32E-01	0.00E+00	0.00E+00	3.41E-10	6.60E-09	4.73E-02	0.00E+00	0.00E+00	0.00E+00	1.72E-03	6.81E-01	2.71E+02	0.00E+00	2.97E-09	9.99E-07	1.59E-01	4.85E-04	3.61E-01	0.00E+00	2.71E+02	7.64E-07	2.71E+02	2.71E+02	3.61E-01	0.00E+00	0.00E+00	0.00E+00	7.37E-02
HF4W440FSAI-MTS	1.23E-01	1.94E+01	0.00E+00	1.94E+01	0.00E+00	0.00E+00	1.27E+01	7.28E-06	5.76E-02	6.32E-01	0.00E+00	0.00E+00	3.41E-10	6.60E-09	4.73E-02	0.00E+00	0.00E+00	0.00E+00	1.72E-03	6.81E-01	2.71E+02	0.00E+00	2.97E-09	9.99E-07	1.59E-01	4.85E-04	3.61E-01	0.00E+00	2.71E+02	7.64E-07	2.71E+02	2.71E+02	3.61E-01	0.00E+00	0.00E+00	0.00E+00	7.37E-02
HF4S432FCJI-MTS	1.23E-01	1.94E+01	0.00E+00	1.94E+01	0.00E+00	0.00E+00	1.27E+01	7.28E-06	5.76E-02	6.32E-01	0.00E+00	0.00E+00	3.41E-10	6.60E-09	4.73E-02	0.00E+00	0.00E+00	0.00E+00	1.72E-03	6.81E-01	2.71E+02	0.00E+00	2.98E-09	1.00E-06	1.59E-01	4.85E-04	3.61E-01	0.00E+00	2.71E+02	7.64E-07	2.71E+02	2.71E+02	3.61E-01	0.00E+00	0.00E+00	0.00E+00	7.37E-02
HF4S440FCKI-MTS	1.23E-01	1.94E+01	0.00E+00	1.94E+01	0.00E+00	0.00E+00	1.27E+01	7.28E-06	5.76E-02	6.32E-01	0.00E+00	0.00E+00	3.41E-10	6.60E-09	4.73E-02	0.00E+00	0.00E+00	0.00E+00	1.72E-03	6.81E-01	2.71E+02	0.00E+00	2.98E-09	1.00E-06	1.59E-01	4.85E-04	3.61E-01	0.00E+00	2.71E+02	7.64E-07	2.71E+02	2.71E+02	3.61E-01	0.00E+00	0.00E+00	0.00E+00	7.37E-02
HW4P432FB	1.02E-01	1.61E+01	0.00E+00	1.61E+01	0.00E+00	0.00E+00	1.05E+01	6.03E-06	4.78E-02	5.24E-01	0.00E+00	0.00E+00	2.83E-10	5.47E-09	3.92E-02	0.00E+00	0.00E+00	0.00E+00	1.42E-03	5.65E-01	2.24E+02	0.00E+00	2.47E-09	8.28E-07	1.32E-01	4.02E-04	2.99E-01	0.00E+00	2.24E+02	6.33E-07	2.24E+02	2.25E+02	2.99E-01	0.00E+00	0.00E+00	0.00E+00	6.11E-02
HW4P432FE	1.02E-01	1.61E+01	0.00E+00	1.61E+01	0.00E+00	0.00E+00	1.05E+01	6.03E-06	4.78E-02	5.24E-01	0.00E+00	0.00E+00	2.83E-10	5.47E-09	3.92E-02	0.00E+00	0.00E+00	0.00E+00	1.42E-03	5.65E-01	2.24E+02	0.00E+00	2.47E-09	8.28E-07	1.32E-01	4.02E-04	2.99E-01	0.00E+00	2.24E+02	6.33E-07	2.24E+02	2.25E+02	2.99E-01	0.00E+00	0.00E+00	0.00E+00	6.11E-02
HW4P440DB	1.75E-01	2.76E+01	0.00E+00	2.76E+01	0.00E+00	0.00E+00	1.81E+01	1.04E-05	8.19E-02	8.99E-01	0.00E+00	0.00E+00	4.85E-10	9.38E-09	6.72E-02	0.00E+00	0.00E+00	0.00E+00	2.44E-03	9.69E-01	3.85E+02	0.00E+00	4.23E-09	1.42E-06	2.27E-01	6.90E-04	5.14E-01	0.00E+00	3.85E+02	1.09E-06	3.85E+02	3.86E+02	5.14E-01	0.00E+00	0.00E+00	0.00E+00	1.05E-01
HW4P440DE	1.75E-01	2.76E+01	0.00E+00	2.76E+01	0.00E+00	0.00E+00	1.81E+01	1.04E-05	8.19E-02	8.99E-01	0.00E+00	0.00E+00	4.85E-10	9.38E-09	6.72E-02	0.00E+00	0.00E+00	0.00E+00	2.44E-03	9.69E-01	3.85E+02	0.00E+00	4.23E-09	1.42E-06	2.27E-01	6.90E-04	5.14E-01	0.00E+00	3.85E+02	1.09E-06	3.85E+02	3.86E+02	5.14E-01	0.00E+00	0.00E+00	0.00E+00	1.05E-01
HW4P440FB	1.02E-01	1.61E+01	0.00E+00	1.61E+01	0.00E+00	0.00E+00	1.05E+01	6.03E-06	4.78E-02	5.24E-01	0.00E+00	0.00E+00	2.83E-10	5.47E-09	3.92E-02	0.00E+00	0.00E+00	0.00E+00	1.42E-03	5.65E-01	2.24E+02	0.00E+00	2.47E-09	8.28E-07	1.32E-01	4.02E-04	2.99E-01	0.00E+00	2.24E+02	6.33E-07	2.24E+02	2.25E+02	2.99E-01	0.00E+00	0.00E+00	0.00E+00	6.11E-02
HW4P440FE	1.02E-01	1.61E+01	0.00E+00	1.61E+01	0.00E+00	0.00E+00	1.05E+01	6.03E-06	4.78E-02	5.24E-01	0.00E+00	0.00E+00	2.83E-10	5.47E-09	3.92E-02	0.00E+00	0.00E+00	0.00E+00	1.42E-03	5.65E-01	2.24E+02	0.00E+00	2.47E-09	8.28E-07	1.32E-01	4.02E-04	2.99E-01	0.00E+00	2.24E+02	6.33E-07	2.24E+02	2.25E+02	2.99E-01	0.00E+00	0.00E+00	0.00E+00	6.11E-02
HW4S310DB	1.41E-01	2.22E+01	0.00E+00	2.22E+01	0.00E+00	0.00E+00	1.46E+01	8.35E-06	6.61E-02	7.25E-01	0.00E+00	0.00E+00	3.91E-10	7.57E-09	5.42E-02	0.00E+00	0.00E+00	0.00E+00	1.97E-03	7.81E-01	3.10E+02	0.00E+00	3.41E-09	1.15E-06	1.83E-01	5.57E-04	4.14E-01	0.00E+00	3.11E+02	8.76E-07	3.11E+02	3.11E+02	4.14E-01	0.00E+00	0.00E+00	0.00E+00	8.45E-02
HW4S310DE	1.41E-01	2.22E+01	0.00E+00	2.22E+01	0.00E+00	0.00E+00	1.46E+01	8.35E-06	6.61E-02	7.25E-01	0.00E+00	0.00E+00	3.91E-10	7.57E-09	5.42E-02	0.00E+00	0.00E+00	0.00E+00	1.97E-03	7.81E-01	3.10E+02	0.00E+00	3.41E-09	1.15E-06	1.83E-01	5.56E-04	4.14E-01	0.00E+00	3.10E+02	8.76E-07	3.10E+02	3.11E+02	4.14E-01	0.00E+00	0.00E+00	0.00E+00	8.45E-02
HW4S310FB	9.04E-02	1.43E+01	0.00E+00	1.43E+01	0.00E+00	0.00E+00	9.35E+00	5.36E-06	4.24E-02	4.65E-01	0.00E+00	0.00E+00	2.51E-10	4.85E-09	3.48E-02	0.00E+00	0.00E+00	0.00E+00	1.26E-03	5.01E-01	1.99E+02	0.00E+00	2.19E-09	7.35E-07	1.17E-01	3.57E-04	2.66E-01	0.00E+00	1.99E+02	5.62E-07	1.99E+02	1.99E+02	2.66E-01	0.00E+00	0.00E+00	0.00E+00	5.42E-02
HW4S310FE	9.04E-02	1.43E+01	0.00E+00	1.43E+01	0.00E+00	0.00E+00	9.35E+00	5.36E-06	4.24E-02	4.65E-01	0.00E+00	0.00E+00	2.51E-10	4.85E-09	3.48E-02	0.00E+00	0.00E+00	0.00E+00	1.26E-03	5.01E-01	1.99E+02	0.00E+00	2.19E-09	7.35E-07	1.17E-01	3.57E-04	2.66E-01	0.00E+00	1.99E+02	5.62E-07	1.99E+02	1.99E+02	2.66E-01	0.00E+00	0.00E+00	0.00E+00	5.42E-02
HW4W416FS	1.06E-01	1.67E+01	0.00E+00	1.67E+01	0.00E+00	0.00E+00	1.10E+01	6.29E-06	4.97E-02	5.46E-01	0.00E+00	0.00E+00	2.94E-10	5.70E-09	4.08E-02	0.00E+00	0.00E+00	0.00E+00	1.48E-03	5.88E-01	2.34E+02	0.00E+00	2.57E-09	8.63E-07	1.38E-01	4.19E-04	3.12E-01	0.00E+00	2.34E+02	6.60E-07	2.34E+02	2.34E+02	3.12E-01	0.00E+00	0.00E+00	0.00E+00	6.36E-02
HW4W420DS	1.64E-01	2.59E+01	0.00E+00	2.59E+01	0.00E+00	0.00E+00	1.70E+01	9.73E-06	7.70E-02	8.45E-01	0.00E+00	0.00E+00	4.56E-10	8.82E-09	6.32E-02	0.00E+00	0.00E+00	0.00E+00	2.29E-03	9.11E-01	3.62E+02	0.00E+00	3.98E-09	1.34E-06	2.13E-01	6.49E-04	4.83E-01	0.00E+00	3.62E+02	1.02E-06	3.62E+02	3.62E+02	4.83E-01	0.00E+00	0.00E+00	0.00E+00	9.85E-02
HW4P340FB	9.04E-02	1.43E+01	0.00E+00	1.43E+01	0.00E+00	0.00E+00	9.35E+00	5.36E-06	4.24E-02	4.65E-01	0.00E+00	0.00E+00	2.51E-10	4.85E-09	3.48E-02	0.00E+00	0.00E+00	0.00E+00	1.26E-03	5.01E-01	1.99E+02	0.00E+00	2.19E-09	7.35E-07	1.17E-01	3.57E-04	2.66E-01	0.00E+00	1.99E+02	5.62E-07	1.99E+02	1.99E+02	2.66E-01	0.00E+00	0.00E+00	0.00E+00	5.42E-02
HW4P340FE	9.04E-02	1.43E+01	0.00E+00	1.43E+01	0.00E+00	0.00E+00	9.35E+00	5.36E-06	4.24E-02	4.65E-01	0.00E+00	0.00E+00	2.51E-10	4.85E-09	3.48E-02	0.00E+00	0.00E+00	0.00E+00	1.26E-03	5.01E-01	1.99E+02	0.00E+00	2.19E-09	7.35E-07	1.17E-01	3.57E-04	2.66E-01	0.00E+00	1.99E+02	5.62E-07	1.99E+02	1.99E+02	2.66E-01	0.00E+00	0.00E+00	0.00E+00	5.42E-02
HW4W420FS	1.06E-01	1.67E+01	0.00E+00	1.67E+01	0.00E+00	0.00E+00	1.10E+01	6.29E-06	4.97E-02	5.46E-01	0.00E+00	0.00E+00	2.94E-10	5.70E-09	4.08E-02	0.00E+00	0.00E+00	0.00E+00	1.48E-03	5.88E-01	2.34E+02	0.00E+00	2.57E-09	8.63E-07	1.38E-01	4.19E-04	3.12E-01	0.00E+00	2.34E+02	6.60E-07	2.34E+02	2.34E+02	3.12E-01	0.00E+00	0.00E+00	0.00E+00	6.36E-02
HW4W425DS	1.64E-01	2.59E+01	0.00E+00	2.59E+01	0.00E+00	0.00E+00	1.70E+01	9.73E-06	7.70E-02	8.45E-01	0.00E+00	0.00E+00	4.56E-10	8.82E-09	6.32E-02	0.00E+00	0.00E+00	0.00E+00	2.29E-03	9.11E-01	3.62E+02	0.00E+00	3.98E-09	1.34E-06	2.13E-01	6.49E-04	4.83E-01	0.00E+00	3.62E+02	1.02E-06	3.62E+02	3.62E+02	4.83E-01	0.00E+00	0.00E+00	0.00E+00	9.85E-02
HW4W425FS	1.06E-01	1.67E+01	0.00E+00	1.67E+01	0.00E+00	0.00E+00	1.10E+01	6.29E-06	4.97E-02	5.46E-01	0.00E+00	0.00E+00	2.94E-10	5.70E-09	4.08E-02	0.00E+00	0.00E+00	0.00E+00	1.48E-03	5.88E-01	2.34E+02	0.00E+00	2.57E-09	8.63E-07	1.38E-01	4.19E-04	3.12E-01	0.00E+00	2.34E+02	6.60E-07	2.34E+02	2.34E+02	3.12E-01	0.00E+00	0.00E+00	0.00E+00	6.36E-02
HW4W432DS	1.64E-01	2.59E+01	0.00E+00	2.59E+01	0.00E+00	0.00E+00	1.70E+01	9.73E-06	7.70E-02	8.45E-01	0.00E+00	0.00E+00	4.56E-10	8.82E-09	6.32E-02	0.00E+00	0.00E+00	0.00E+00	2.29E-03	9.11E-01	3.62E+02	0.00E+00	3.98E-09	1.34E-06	2.13E-01	6.49E-04	4.83E-01	0.00E+00	3.62E+02	1.02E-06	3.62E+02	3.62E+02	4.83E-01	0.00E+00	0.00E+00	0.00E+00	9.85E-02
HW4W432FS	1.06E-01	1.67E+01	0.00E+00	1.67E+01	0.00E+00	0.00E+00	1.10E+01	6.29E-06	4.97E-02	5.46E-01	0.00E+00	0.00E+00	2.94E-10	5.70E-09	4.08E-02	0.00E+00	0.00E+00	0.00E+00	1.48E-03	5.88E-01	2.34E+02	0.00E+00	2.57E-09	8.63E-07	1.38E-01	4.19E-04	3.12E-01	0.00E+00	2.34E+02	6.60E-07	2.34E+02	2.34E+02	3.12E-01	0.00E+00	0.00E+00	0.00E+00	6.36E-02
HW4W440DS	1.64E-01	2.59E+01	0.00E+00	2.59E+01	0.00E+00	0.00E+00	1.70E+01	9.73E-06	7.70E-02	8.45E-01	0.00E+00	0.00E+00	4.56E-10	8.82E-09	6.32E-02	0.00E+00	0.00E+00	0.00E+00	2.29E-03	9.11E-01	3.62E+02	0.00E+00	3.98E-09	1.34E-06	2.13E-01	6.49E-04	4.83E-01	0.00E+00	3.62E+02	1.02E-06	3.62E+02	3.62E+02	4.83E-01	0.00E+00	0.00E+00	0.00E+00	9.85E-02
HW4W440FS	1.06E-01	1.67E+01	0.00E+00	1.67E+01	0.00E+00	0.00E+00	1.10E+01	6.29E-06	4.97E-02	5.46E-01	0.00E+00	0.00E+00	2.94E-10	5.70E-09	4.08E-02	0.00E+00	0.00E+00	0.00E+00	1.48E-03	5.88E-01	2.34E+02	0.00E+00	2.57E-09	8.63E-07	1.38E-01	4.19E-04	3.12E-01	0.00E+00	2.34E+02	6.60E-07	2.34E+02	2.34E+02	3.12E-01	0.00E+00	0.00E+00	0.00E+00	6.36E-02
HW4P410DB	1.75E-01	2.76E+01	0.00E+00	2.76E+01	0.00E+00	0.00E+00	1.81E+01	1.04E-05	8.19E-02	8.99E-01	0.00E+00	0.00E+00	4.85E-10	9.38E-09	6.72E-02	0.00E+00	0.00E+00	0.00E+00	2.44E-03	9.69E-01	3.85E+02	0.00E+00	4.23E-09	1.42E-06	2.27E-01	6.90E-04	5.14E-01	0.00E+00	3.85E+02	1.09E-06	3.85E+02	3.86E+02	5.14E-01	0.00E+00	0.00E+00	0.00E+00	1.05E-01
HW4P410DE	1.75E-01	2.76E+01	0.00E+00	2.76E+01	0.00E+00	0.00E+00	1.81E+01	1.04E-05	8.19E-02	8.99E-01	0.00E+00	0.00E+00	4.85E-10	9.38E-09	6.72E-02	0.00E+00	0.00E+00	0.00E+00	2.44E-03	9.69E-01	3.85E+02	0.00E+00	4.23E-09	1.42E-06	2.27E-01	6.90E-04	5.14E-01	0.00E+00	3.85E+02	1.09E-06	3.85E+02	3.86E+02	5.14E-01	0.00E+00	0.00E+00	0.00E+00	1.05E-01
HW4P410FB	1.02E-01	1.61E+01	0.00E+00	1.61E+01	0.00E+00	0.00E+00	1.05E+01	6.03E-06	4.78E-02	5.24E-01	0.00E+00	0.00E+00	2.83E-10	5.47E-09	3.92E-02	0.00E+00	0.00E+00	0.00E+00	1.42E-03	5.65E-01	2.24E+02	0.00E+00	2.47E-09	8.28E-07	1.32E-01	4.02E-04	3.00E-01	0.00E+00	2.24E+02	6.33E-07	2.24E+02	2.25E+02	3.00E-01	0.00E+00	0.00E+00	0.00E+00	6.11E-02
HW4P410FE	1.02E-01	1.61E+01	0.00E+00	1.61E+01	0.00E+00	0.00E+00	1.05E+01	6.03E-06	4.78E-02	5.24E-01	0.00E+00	0.00E+00	2.83E-10	5.47E-09	3.92E-02	0.00E+00	0.00E+00	0.00E+00	1.42E-03	5.65E-01	2.24E+02	0.00E+00	2.47E-09	8.28E-07	1.32E-01	4.02E-04	2.99E-01	0.00E+00	2.24E+02	6.33E-07	2.24E+02	2.25E+02	2.99E-01	0.00E+00	0.00E+00	0.00E+00	6.11E-02
HW4P412DB	1.75E-01	2.76E+01	0.00E+00	2.76E+01	0.00E+00	0.00E+00	1.81E+01	1.04E-05	8.19E-02	8.99E-01	0.00E+00	0.00E+00	4.85E-10	9.38E-09	6.72E-02	0.00E+00	0.00E+00	0.00E+00	2.44E-03	9.69E-01	3.85E+02	0.00E+00	4.23E-09	1.42E-06	2.27E-01	6.90E-04	5.14E-01	0.00E+00	3.85E+02	1.09E-06	3.85E+02	3.86E+02	5.14E-01	0.00E+00	0.00E+00	0.00E+00	1.05E-01
HW4P412DE	1.75E-01	2.76E+01	0.00E+00	2.76E+01	0.00E+00	0.00E+00	1.81E+01	1.04E-05	8.19E-02	8.99E-01	0.00E+00	0.00E+00	4.85E-10	9.38E-09	6.72E-02	0.00E+00	0.00E+00	0.00E+00	2.44E-03	9.69E-01	3.85E+02	0.00E+00	4.23E-09	1.42E-06	2.27E-01	6.90E-04	5.14E-01	0.00E+00	3.85E+02	1.09E-06	3.85E+02	3.86E+02	5.14E-01	0.00E+00	0.00E+00	0.00E+00	1.05E-01
HW4P412FB	1.02E-01	1.61E+01	0.00E+00	1.61E+01	0.00E+00	0.00E+00	1.05E+01	6.03E-06	4.78E-02	5.24E-01	0.00E+00	0.00E+00	2.83E-10	5.47E-09	3.92E-02	0.00E+00	0.00E+00	0.00E+00	1.42E-03	5.65E-01	2.24E+02	0.00E+00	2.47E-09	8.28E-07	1.32E-01	4.02E-04	3.00E-01	0.00E+00	2.24E+02	6.33E-07	2.24E+02	2.25E+02	3.00E-01	0.00E+00	0.00E+00	0.00E+00	6.11E-02
HW4P412FE	1.02E-01	1.61E+01	0.00E+00	1.61E+01	0.00E+00	0.00E+00	1.05E+01	6.03E-06	4.78E-02	5.24E-01	0.00E+00	0.00E+00	2.83E-10	5.47E-09	3.92E-02	0.00E+00	0.00E+00	0.00E+00	1.42E-03	5.65E-01	2.24E+02	0.00E+00	2.47E-09	8.28E-07	1.32E-01	4.02E-04	2.99E-01	0.00E+00	2.24E+02	6.33E-07	2.24E+02	2.25E+02	2.99E-01	0.00E+00	0.00E+00	0.00E+00	6.11E-02
HW4P416DB	1.75E-01	2.76E+01	0.00E+00	2.76E+01	0.00E+00	0.00E+00	1.81E+01	1.04E-05	8.19E-02	8.99E-01	0.00E+00	0.00E+00	4.85E-10	9.38E-09	6.72E-02	0.00E+00	0.00E+00	0.00E+00	2.44E-03	9.69E-01	3.85E+02	0.00E+00	4.23E-09	1.42E-06	2.27E-01	6.90E-04	5.14E-01	0.00E+00	3.85E+02	1.09E-06	3.85E+02	3.86E+02	5.14E-01	0.00E+00	0.00E+00	0.00E+00	1.05E-01
HW4P416DE	1.75E-01	2.76E+01	0.00E+00	2.76E+01	0.00E+00	0.00E+00	1.81E+01	1.04E-05	8.19E-02	8.99E-01	0.00E+00	0.00E+00	4.85E-10	9.38E-09	6.72E-02	0.00E+00	0.00E+00	0.00E+00	2.44E-03	9.69E-01	3.85E+02	0.00E+00	4.23E-09	1.42E-06	2.27E-01	6.90E-04	5.14E-01	0.00E+00	3.85E+02	1.09E-06	3.85E+02	3.86E+02	5.14E-01	0.00E+00	0.00E+00	0.00E+00	1.05E-01
HW4P416FB	1.02E-01	1.61E+01	0.00E+00	1.61E+01	0.00E+00	0.00E+00	1.05E+01	6.03E-06	4.78E-02	5.24E-01	0.00E+00	0.00E+00	2.83E-10	5.47E-09	3.92E-02	0.00E+00	0.00E+00	0.00E+00	1.42E-03	5.65E-01	2.24E+02	0.00E+00	2.47E-09	8.28E-07	1.32E-01	4.02E-04	3.00E-01	0.00E+00	2.24E+02	6.33E-07	2.24E+02	2.25E+02	3.00E-01	0.00E+00	0.00E+00	0.00E+00	6.11E-02
HW4P416FE	1.02E-01	1.61E+01	0.00E+00	1.61E+01	0.00E+00	0.00E+00	1.05E+01	6.03E-06	4.78E-02	5.24E-01	0.00E+00	0.00E+00	2.83E-10	5.47E-09	3.92E-02	0.00E+00	0.00E+00	0.00E+00	1.42E-03	5.65E-01	2.24E+02	0.00E+00	2.47E-09	8.28E-07	1.32E-01	4.02E-04	2.99E-01	0.00E+00	2.24E+02	6.33E-07	2.24E+02	2.25E+02	2.99E-01	0.00E+00	0.00E+00	0.00E+00	6.11E-02
HW4P420DB	1.75E-01	2.76E+01	0.00E+00	2.76E+01	0.00E+00	0.00E+00	1.81E+01	1.04E-05	8.19E-02	8.99E-01	0.00E+00	0.00E+00	4.85E-10	9.38E-09	6.72E-02	0.00E+00	0.00E+00	0.00E+00	2.44E-03	9.69E-01	3.85E+02	0.00E+00	4.23E-09	1.42E-06	2.27E-01	6.90E-04	5.14E-01	0.00E+00	3.85E+02	1.09E-06	3.85E+02	3.86E+02	5.14E-01	0.00E+00	0.00E+00	0.00E+00	1.05E-01
HW4P420DE	1.75E-01	2.76E+01	0.00E+00	2.76E+01	0.00E+00	0.00E+00	1.81E+01	1.04E-05	8.19E-02	8.99E-01	0.00E+00	0.00E+00	4.85E-10	9.38E-09	6.72E-02	0.00E+00	0.00E+00	0.00E+00	2.44E-03	9.69E-01	3.85E+02	0.00E+00	4.23E-09	1.42E-06	2.27E-01	6.90E-04	5.14E-01	0.00E+00	3.85E+02	1.09E-06	3.85E+02	3.86E+02	5.14E-01	0.00E+00	0.00E+00	0.00E+00	1.05E-01
HW4P420FB	1.02E-01	1.61E+01	0.00E+00	1.61E+01	0.00E+00	0.00E+00	1.05E+01	6.03E-06	4.78E-02	5.24E-01	0.00E+00	0.00E+00	2.83E-10	5.47E-09	3.92E-02	0.00E+00	0.00E+00	0.00E+00	1.42E-03	5.65E-01	2.24E+02	0.00E+00	2.47E-09	8.28E-07	1.32E-01	4.02E-04	3.00E-01	0.00E+00	2.24E+02	6.33E-07	2.24E+02	2.25E+02	3.00E-01	0.00E+00	0.00E+00	0.00E+00	6.11E-02
HW4P420FE	1.02E-01	1.61E+01	0.00E+00	1.61E+01	0.00E+00	0.00E+00	1.05E+01	6.03E-06	4.78E-02	5.24E-01	0.00E+00	0.00E+00	2.83E-10	5.47E-09	3.92E-02	0.00E+00	0.00E+00	0.00E+00	1.42E-03	5.65E-01	2.24E+02	0.00E+00	2.47E-09	8.28E-07	1.32E-01	4.02E-04	2.99E-01	0.00E+00	2.24E+02	6.33E-07	2.24E+02	2.25E+02	2.99E-01	0.00E+00	0.00E+00	0.00E+00	6.11E-02
HW4P425DB	1.74E-01	2.75E+01	0.00E

HW4W340DS	1.40E-01	2.21E+01	0.00E+00	2.21E+01	0.00E+00	0.00E+00	1.45E+01	8.32E-06	6.58E-02	7.22E-01	0.00E+00	0.00E+00	3.90E-10	7.54E-09	5.40E-02	0.00E+00	0.00E+00	0.00E+00	1.98E-03	7.78E-01	3.09E+02	0.00E+00	3.40E-08	1.14E-06	1.82E-01	5.54E-04	4.13E-01	0.00E+00	3.09E+02	8.73E-07	3.09E+02	3.10E+02	4.13E-01	0.00E+00	0.00E+00	0.00E+00	8.42E-02
HW4W340FS	8.66E-02	1.37E+01	0.00E+00	1.37E+01	0.00E+00	0.00E+00	8.95E+00	5.13E-06	4.06E-02	4.45E-01	0.00E+00	0.00E+00	2.40E-10	4.65E-09	3.33E-02	0.00E+00	0.00E+00	0.00E+00	1.21E-03	4.80E-01	1.91E+02	0.00E+00	2.10E-08	7.04E-07	1.12E-01	3.42E-04	2.54E-01	0.00E+00	1.91E+02	5.38E-07	1.91E+02	1.91E+02	2.54E-01	0.00E+00	0.00E+00	0.00E+00	5.19E-02
HW4W410DS	1.67E-01	2.64E+01	0.00E+00	2.64E+01	0.00E+00	0.00E+00	1.73E+01	9.91E-06	7.84E-02	8.60E-01	0.00E+00	0.00E+00	4.64E-10	8.98E-09	6.43E-02	0.00E+00	0.00E+00	0.00E+00	2.34E-03	9.27E-01	3.69E+02	0.00E+00	4.05E-08	1.36E-06	2.17E-01	6.60E-04	4.92E-01	0.00E+00	3.69E+02	1.04E-06	3.69E+02	3.69E+02	4.92E-01	0.00E+00	0.00E+00	0.00E+00	1.00E-01
HW4W410FS	1.06E-01	1.67E+01	0.00E+00	1.67E+01	0.00E+00	0.00E+00	1.10E+01	6.28E-06	4.97E-02	5.46E-01	0.00E+00	0.00E+00	2.94E-10	5.70E-09	4.08E-02	0.00E+00	0.00E+00	0.00E+00	1.48E-03	5.88E-01	2.34E+02	0.00E+00	2.57E-08	8.63E-07	1.38E-01	4.19E-04	3.12E-01	0.00E+00	2.34E+02	6.60E-07	2.34E+02	2.34E+02	3.12E-01	0.00E+00	0.00E+00	0.00E+00	6.36E-02
HW4W412DS	1.64E-01	2.59E+01	0.00E+00	2.59E+01	0.00E+00	0.00E+00	1.70E+01	9.73E-06	7.70E-02	8.45E-01	0.00E+00	0.00E+00	4.56E-10	8.82E-09	6.32E-02	0.00E+00	0.00E+00	0.00E+00	2.29E-03	9.11E-01	3.62E+02	0.00E+00	3.98E-08	1.34E-06	2.13E-01	6.49E-04	4.83E-01	0.00E+00	3.62E+02	1.02E-06	3.62E+02	3.62E+02	4.83E-01	0.00E+00	0.00E+00	0.00E+00	9.85E-02
HW4W412FS	1.06E-01	1.67E+01	0.00E+00	1.67E+01	0.00E+00	0.00E+00	1.10E+01	6.28E-06	4.97E-02	5.46E-01	0.00E+00	0.00E+00	2.94E-10	5.70E-09	4.08E-02	0.00E+00	0.00E+00	0.00E+00	1.48E-03	5.88E-01	2.34E+02	0.00E+00	2.57E-08	8.63E-07	1.38E-01	4.19E-04	3.12E-01	0.00E+00	2.34E+02	6.60E-07	2.34E+02	2.34E+02	3.12E-01	0.00E+00	0.00E+00	0.00E+00	6.36E-02
HW4W416DS	1.64E-01	2.59E+01	0.00E+00	2.59E+01	0.00E+00	0.00E+00	1.70E+01	9.73E-06	7.70E-02	8.45E-01	0.00E+00	0.00E+00	4.56E-10	8.82E-09	6.32E-02	0.00E+00	0.00E+00	0.00E+00	2.29E-03	9.11E-01	3.62E+02	0.00E+00	3.98E-08	1.34E-06	2.13E-01	6.49E-04	4.83E-01	0.00E+00	3.62E+02	1.02E-06	3.62E+02	3.62E+02	4.83E-01	0.00E+00	0.00E+00	0.00E+00	9.85E-02
HW4S410DB	1.75E-01	2.76E+01	0.00E+00	2.76E+01	0.00E+00	0.00E+00	1.81E+01	1.04E-05	8.19E-02	8.99E-01	0.00E+00	0.00E+00	4.85E-10	9.38E-09	6.72E-02	0.00E+00	0.00E+00	0.00E+00	2.44E-03	9.69E-01	3.85E+02	0.00E+00	4.23E-08	1.42E-06	2.27E-01	6.90E-04	5.14E-01	0.00E+00	3.85E+02	1.09E-06	3.85E+02	3.86E+02	5.14E-01	0.00E+00	0.00E+00	0.00E+00	1.05E-01
HW4S410DE	1.74E-01	2.75E+01	0.00E+00	2.75E+01	0.00E+00	0.00E+00	1.80E+01	1.03E-05	8.17E-02	8.96E-01	0.00E+00	0.00E+00	4.83E-10	9.35E-09	6.70E-02	0.00E+00	0.00E+00	0.00E+00	2.43E-03	9.66E-01	3.84E+02	0.00E+00	4.22E-08	1.42E-06	2.26E-01	6.88E-04	5.12E-01	0.00E+00	3.84E+02	1.08E-06	3.84E+02	3.84E+02	5.12E-01	0.00E+00	0.00E+00	0.00E+00	1.04E-01
HW4S410FB	1.02E-01	1.61E+01	0.00E+00	1.61E+01	0.00E+00	0.00E+00	1.05E+01	6.03E-06	4.78E-02	5.24E-01	0.00E+00	0.00E+00	2.83E-10	5.47E-09	3.92E-02	0.00E+00	0.00E+00	0.00E+00	1.42E-03	5.65E-01	2.24E+02	0.00E+00	2.47E-08	8.29E-07	1.32E-01	4.02E-04	3.00E-01	0.00E+00	2.24E+02	6.33E-07	2.24E+02	2.25E+02	3.00E-01	0.00E+00	0.00E+00	0.00E+00	6.11E-02
HW4S410FE	1.02E-01	1.61E+01	0.00E+00	1.61E+01	0.00E+00	0.00E+00	1.05E+01	6.03E-06	4.78E-02	5.24E-01	0.00E+00	0.00E+00	2.83E-10	5.47E-09	3.92E-02	0.00E+00	0.00E+00	0.00E+00	1.42E-03	5.65E-01	2.24E+02	0.00E+00	2.47E-08	8.29E-07	1.32E-01	4.02E-04	2.99E-01	0.00E+00	2.24E+02	6.33E-07	2.24E+02	2.25E+02	2.99E-01	0.00E+00	0.00E+00	0.00E+00	6.11E-02
HW4S412DB	1.75E-01	2.76E+01	0.00E+00	2.76E+01	0.00E+00	0.00E+00	1.81E+01	1.04E-05	8.19E-02	8.99E-01	0.00E+00	0.00E+00	4.85E-10	9.38E-09	6.72E-02	0.00E+00	0.00E+00	0.00E+00	2.44E-03	9.69E-01	3.85E+02	0.00E+00	4.23E-08	1.42E-06	2.27E-01	6.90E-04	5.14E-01	0.00E+00	3.85E+02	1.09E-06	3.85E+02	3.86E+02	5.14E-01	0.00E+00	0.00E+00	0.00E+00	1.05E-01
HW4S412DE	1.75E-01	2.76E+01	0.00E+00	2.76E+01	0.00E+00	0.00E+00	1.81E+01	1.04E-05	8.19E-02	8.99E-01	0.00E+00	0.00E+00	4.85E-10	9.38E-09	6.72E-02	0.00E+00	0.00E+00	0.00E+00	2.44E-03	9.69E-01	3.85E+02	0.00E+00	4.23E-08	1.42E-06	2.27E-01	6.90E-04	5.14E-01	0.00E+00	3.85E+02	1.09E-06	3.85E+02	3.86E+02	5.14E-01	0.00E+00	0.00E+00	0.00E+00	1.05E-01
HW4S412FB	1.02E-01	1.61E+01	0.00E+00	1.61E+01	0.00E+00	0.00E+00	1.05E+01	6.03E-06	4.78E-02	5.24E-01	0.00E+00	0.00E+00	2.83E-10	5.47E-09	3.92E-02	0.00E+00	0.00E+00	0.00E+00	1.42E-03	5.65E-01	2.24E+02	0.00E+00	2.47E-08	8.29E-07	1.32E-01	4.02E-04	3.00E-01	0.00E+00	2.24E+02	6.33E-07	2.24E+02	2.25E+02	3.00E-01	0.00E+00	0.00E+00	0.00E+00	6.11E-02
HW4S412FE	1.02E-01	1.61E+01	0.00E+00	1.61E+01	0.00E+00	0.00E+00	1.05E+01	6.03E-06	4.78E-02	5.24E-01	0.00E+00	0.00E+00	2.83E-10	5.47E-09	3.92E-02	0.00E+00	0.00E+00	0.00E+00	1.42E-03	5.65E-01	2.24E+02	0.00E+00	2.47E-08	8.29E-07	1.32E-01	4.02E-04	2.99E-01	0.00E+00	2.24E+02	6.33E-07	2.24E+02	2.25E+02	2.99E-01	0.00E+00	0.00E+00	0.00E+00	6.11E-02
HW4S416DB	1.75E-01	2.76E+01	0.00E+00	2.76E+01	0.00E+00	0.00E+00	1.81E+01	1.04E-05	8.19E-02	8.99E-01	0.00E+00	0.00E+00	4.85E-10	9.38E-09	6.72E-02	0.00E+00	0.00E+00	0.00E+00	2.44E-03	9.69E-01	3.85E+02	0.00E+00	4.23E-08	1.42E-06	2.27E-01	6.90E-04	5.14E-01	0.00E+00	3.85E+02	1.09E-06	3.85E+02	3.86E+02	5.14E-01	0.00E+00	0.00E+00	0.00E+00	1.05E-01
HW4S416DE	1.75E-01	2.76E+01	0.00E+00	2.76E+01	0.00E+00	0.00E+00	1.81E+01	1.04E-05	8.19E-02	8.99E-01	0.00E+00	0.00E+00	4.85E-10	9.38E-09	6.72E-02	0.00E+00	0.00E+00	0.00E+00	2.44E-03	9.69E-01	3.85E+02	0.00E+00	4.23E-08	1.42E-06	2.27E-01	6.90E-04	5.14E-01	0.00E+00	3.85E+02	1.09E-06	3.85E+02	3.86E+02	5.14E-01	0.00E+00	0.00E+00	0.00E+00	1.05E-01
HW4S416FB	1.02E-01	1.61E+01	0.00E+00	1.61E+01	0.00E+00	0.00E+00	1.05E+01	6.03E-06	4.78E-02	5.24E-01	0.00E+00	0.00E+00	2.83E-10	5.47E-09	3.92E-02	0.00E+00	0.00E+00	0.00E+00	1.42E-03	5.65E-01	2.24E+02	0.00E+00	2.47E-08	8.29E-07	1.32E-01	4.02E-04	3.00E-01	0.00E+00	2.24E+02	6.33E-07	2.24E+02	2.25E+02	3.00E-01	0.00E+00	0.00E+00	0.00E+00	6.11E-02
HW4S416FE	1.02E-01	1.61E+01	0.00E+00	1.61E+01	0.00E+00	0.00E+00	1.05E+01	6.03E-06	4.78E-02	5.24E-01	0.00E+00	0.00E+00	2.83E-10	5.47E-09	3.92E-02	0.00E+00	0.00E+00	0.00E+00	1.42E-03	5.65E-01	2.24E+02	0.00E+00	2.47E-08	8.29E-07	1.32E-01	4.02E-04	2.99E-01	0.00E+00	2.24E+02	6.33E-07	2.24E+02	2.25E+02	2.99E-01	0.00E+00	0.00E+00	0.00E+00	6.11E-02
HW4S420DB	1.75E-01	2.76E+01	0.00E+00	2.76E+01	0.00E+00	0.00E+00	1.81E+01	1.04E-05	8.19E-02	8.99E-01	0.00E+00	0.00E+00	4.85E-10	9.38E-09	6.72E-02	0.00E+00	0.00E+00	0.00E+00	2.44E-03	9.69E-01	3.85E+02	0.00E+00	4.23E-08	1.42E-06	2.27E-01	6.90E-04	5.14E-01	0.00E+00	3.85E+02	1.09E-06	3.85E+02	3.86E+02	5.14E-01	0.00E+00	0.00E+00	0.00E+00	1.05E-01
HW4S420DE	1.75E-01	2.76E+01	0.00E+00	2.76E+01	0.00E+00	0.00E+00	1.81E+01	1.04E-05	8.19E-02	8.99E-01	0.00E+00	0.00E+00	4.85E-10	9.38E-09	6.72E-02	0.00E+00	0.00E+00	0.00E+00	2.44E-03	9.69E-01	3.85E+02	0.00E+00	4.23E-08	1.42E-06	2.27E-01	6.90E-04	5.14E-01	0.00E+00	3.85E+02	1.09E-06	3.85E+02	3.86E+02	5.14E-01	0.00E+00	0.00E+00	0.00E+00	1.05E-01
HW4S420FB	1.02E-01	1.61E+01	0.00E+00	1.61E+01	0.00E+00	0.00E+00	1.05E+01	6.03E-06	4.78E-02	5.24E-01	0.00E+00	0.00E+00	2.83E-10	5.47E-09	3.92E-02	0.00E+00	0.00E+00	0.00E+00	1.42E-03	5.65E-01	2.24E+02	0.00E+00	2.47E-08	8.29E-07	1.32E-01	4.02E-04	3.00E-01	0.00E+00	2.24E+02	6.33E-07	2.24E+02	2.25E+02	3.00E-01	0.00E+00	0.00E+00	0.00E+00	6.11E-02
HW4S420FE	1.02E-01	1.61E+01	0.00E+00	1.61E+01	0.00E+00	0.00E+00	1.05E+01	6.03E-06	4.78E-02	5.24E-01	0.00E+00	0.00E+00	2.83E-10	5.47E-09	3.92E-02	0.00E+00	0.00E+00	0.00E+00	1.42E-03	5.65E-01	2.24E+02	0.00E+00	2.47E-08	8.29E-07	1.32E-01	4.02E-04	2.99E-01	0.00E+00	2.24E+02	6.33E-07	2.24E+02	2.25E+02	2.99E-01	0.00E+00	0.00E+00	0.00E+00	6.11E-02
HW4S425DB	1.74E-01	2.75E+01	0.00E+00	2.75E+01	0.00E+00	0.00E+00	1.80E+01	1.03E-05	8.17E-02	8.96E-01	0.00E+00	0.00E+00	4.83E-10	9.35E-09	6.70E-02	0.00E+00	0.00E+00	0.00E+00	2.43E-03	9.66E-01	3.84E+02	0.00E+00	4.22E-08	1.42E-06	2.26E-01	6.88E-04	5.12E-01	0.00E+00	3.84E+02	1.08E-06	3.84E+02	3.84E+02	5.12E-01	0.00E+00	0.00E+00	0.00E+00	1.04E-01
HW4S425DE	1.74E-01	2.75E+01	0.00E+00	2.75E+01	0.00E+00	0.00E+00	1.80E+01	1.03E-05	8.17E-02	8.96E-01	0.00E+00	0.00E+00	4.83E-10	9.35E-09	6.70E-02	0.00E+00	0.00E+00	0.00E+00	2.43E-03	9.66E-01	3.84E+02	0.00E+00	4.22E-08	1.42E-06	2.26E-01	6.88E-04	5.12E-01	0.00E+00	3.84E+02	1.08E-06	3.84E+02	3.84E+02	5.12E-01	0.00E+00	0.00E+00	0.00E+00	1.04E-01
HW4S425FB	1.02E-01	1.61E+01	0.00E+00	1.61E+01	0.00E+00	0.00E+00	1.05E+01	6.03E-06	4.78E-02	5.24E-01	0.00E+00	0.00E+00	2.83E-10	5.47E-09	3.92E-02	0.00E+00	0.00E+00	0.00E+00	1.42E-03	5.65E-01	2.24E+02	0.00E+00	2.47E-08	8.29E-07	1.32E-01	4.02E-04	3.00E-01	0.00E+00	2.24E+02	6.33E-07	2.24E+02	2.25E+02	3.00E-01	0.00E+00	0.00E+00	0.00E+00	6.11E-02
HW4S425FE	1.02E-01	1.61E+01	0.00E+00	1.61E+01	0.00E+00	0.00E+00	1.05E+01	6.03E-06	4.78E-02	5.24E-01	0.00E+00	0.00E+00	2.83E-10	5.47E-09	3.92E-02	0.00E+00	0.00E+00	0.00E+00	1.42E-03	5.65E-01	2.24E+02	0.00E+00	2.47E-08	8.29E-07	1.32E-01	4.02E-04	2.99E-01	0.00E+00	2.24E+02	6.33E-07	2.24E+02	2.25E+02	2.99E-01	0.00E+00	0.00E+00	0.00E+00	6.11E-02
HW4S432DB	1.75E-01	2.76E+01	0.00E+00	2.76E+01	0.00E+00	0.00E+00	1.81E+01	1.04E-05	8.19E-02	8.99E-01	0.00E+00	0.00E+00	4.85E-10	9.38E-09	6.72E-02	0.00E+00	0.00E+00	0.00E+00	2.44E-03	9.69E-01	3.85E+02	0.00E+00	4.23E-08	1.42E-06	2.27E-01	6.90E-04	5.14E-01	0.00E+00	3.85E+02	1.09E-06	3.85E+02	3.86E+02	5.14E-01	0.00E+00	0.00E+00	0.00E+00	1.05E-01
HW4S432DE	1.75E-01	2.76E+01	0.00E+00	2.76E+01	0.00E+00	0.00E+00	1.81E+01	1.04E-05	8.19E-02	8.99E-01	0.00E+00	0.00E+00	4.85E-10	9.38E-09	6.72E-02	0.00E+00	0.00E+00	0.00E+00	2.44E-03	9.69E-01	3.85E+02	0.00E+00	4.23E-08	1.42E-06	2.27E-01	6.90E-04	5.14E-01	0.00E+00	3.85E+02	1.09E-06	3.85E+02	3.86E+02	5.14E-01	0.00E+00	0.00E+00	0.00E+00	1.05E-01
HW4S432FB	1.02E-01	1.61E+01	0.00E+00	1.61E+01	0.00E+00	0.00E+00	1.05E+01	6.03E-06	4.78E-02	5.24E-01	0.00E+00	0.00E+00	2.83E-10	5.47E-09	3.92E-02	0.00E+00	0.00E+00	0.00E+00	1.42E-03	5.65E-01	2.24E+02	0.00E+00	2.47E-08	8.29E-07	1.32E-01	4.02E-04	3.00E-01	0.00E+00	2.24E+02	6.33E-07	2.24E+02	2.25E+02	3.00E-01	0.00E+00	0.00E+00	0.00E+00	6.11E-02
HW4S432FE	1.02E-01	1.61E+01	0.00E+00	1.61E+01	0.00E+00	0.00E+00	1.05E+01	6.03E-06	4.78E-02	5.24E-01	0.00E+00	0.00E+00	2.83E-10	5.47E-09	3.92E-02	0.00E+00	0.00E+00	0.00E+00	1.42E-03	5.65E-01	2.24E+02	0.00E+00	2.47E-08	8.29E-07	1.32E-01	4.02E-04	2.99E-01	0.00E+00	2.24E+02	6.33E-07	2.24E+02	2.25E+02	2.99E-01	0.00E+00	0.00E+00	0.00E+00	6.11E-02
HW4S312DB	1.41E-01	2.22E+01	0.00E+00	2.22E+01	0.00E+00	0.00E+00	1.46E+01	8.35E-06	6.61E-02	7.25E-01	0.00E+00	0.00E+00	3.91E-10	7.57E-09	5.42E-02	0.00E+00	0.00E+00	0.00E+00	1.97E-03	7.81E-01	3.11E+02	0.00E+00	3.41E-08	1.15E-06	1.83E-01	5.57E-04	4.14E-01	0.00E+00	3.11E+02	8.76E-07	3.11E+02	3.11E+02	4.14E-01	0.00E+00	0.00E+00	0.00E+00	8.45E-02
HW4S312DE	1.41E-01	2.22E+01	0.00E+00	2.22E+01	0.00E+00	0.00E+00	1.46E+01	8.35E-06	6.61E-02	7.25E-01	0.00E+00	0.00E+00	3.91E-10	7.57E-09	5.42E-02	0.00E+00	0.00E+00	0.00E+00	1.97E-03	7.81E-01	3.10E+02	0.00E+00	3.41E-08	1.15E-06	1.83E-01	5.56E-04	4.14E-01	0.00E+00	3.10E+02	8.76E-07	3.10E+02	3.11E+02	4.14E-01	0.00E+00	0.00E+00	0.00E+00	8.45E-02
HW4S312FB	9.04E-02	1.43E+01	0.00E+00	1.43E+01	0.00E+00	0.00E+00	9.35E+00	5.36E-06	4.24E-02	4.65E-01	0.00E+00	0.00E+00	2.51E-10	4.85E-09	3.48E-02	0.00E+00	0.00E+00	0.00E+00	1.26E-03	5.01E-01	1.99E+02	0.00E+00	2.19E-08	7.35E-07	1.17E-01	3.57E-04	2.66E-01	0.00E+00	1.99E+02	5.62E-07	1.99E+02	1.99E+02	2.66E-01	0.00E+00	0.00E+00	0.00E+00	5.42E-02
HW4S312FE	9.04E-02	1.43E+01	0.00E+00	1.43E+01	0.00E+00	0.00E+00	9.35E+00	5.36E-06	4.24E-02	4.65E-01	0.00E+00	0.00E+00	2.51E-10	4.85E-09	3.48E-02	0.00E+00	0.00E+00	0.00E+00	1.26E-03	5.01E-01	1.99E+02	0.00E+00	2.19E-08	7.35E-07	1.17E-01	3.57E-04	2.66E-01	0.00E+00	1.99E+02	5.62E-07	1.99E+02	1.99E+02	2.66E-01	0.00E+00	0.00E+00	0.00E+00	5.42E-02
HW4S316DB	1.41E-01	2.22E+01	0.00E+00	2.22E+01	0.00E+00	0.00E+00	1.46E+01	8.35E-06	6.61E-02	7.25E-01	0.00E+00	0.00E+00	3.91E-10	7.57E-09	5.42E-02	0.00E+00	0.00E+00	0.00E+00	1.97E-03	7.81E-01	3.11E+02	0.00E+00	3.41E-08	1.15E-06	1.83E-01	5.57E-04	4.14E-01	0.00E+00	3.11E+02	8.76E-07	3.11E+02	3.11E+02	4.14E-01	0.00E+00	0.00E+00	0.00E+00	8.45E-02
HW4S316DE	1.41E-01	2.22E+01	0.00E+00	2.22E+01	0.00E+00	0.00E+00	1.46E+01	8.35E-06	6.61E-02	7.25E-01	0.00E+00	0.00E+00	3.91E-10	7.57E-09	5.42E-02	0.00E+00	0.00E+00	0.00E+00	1.97E-03	7.81E-01	3.10E+02	0.00E+00	3.41E-08	1.15E-06	1.83E-01	5.56E-04	4.14E-01	0.00E+00	3.10E+02	8.76E-07	3.10E+02	3.11E+02	4.14E-01	0.00E+00	0.00E+00	0.00E+00	8.45E-02
HW4S316FB	9.04E-02	1.43E+01	0.00E+00	1.43E+01	0.00E+00	0.00E+00	9.35E+00	5.36E-06	4.24E-02	4.65E-01	0.00E+00	0.00E+00	2.51E-10	4.85E-09	3.48E-02	0.00E+00	0.00E+00	0.00E+00	1.26E-03	5.01E-01	1.99E+02	0.00E+00	2.19E-08	7.35E-07	1.17E-01	3.57E-04	2.66E-01	0.00E+00	1.99E+02	5.62E-07	1.99E+02	1.99E+02	2.66E-01	0.00E+00	0.00E+00	0.00E+00	5.42E-02
HW4S316FE	9.04E-02	1.43E+01	0.00E+00	1.43E+01	0.00E+00	0.00E+00	9.35E+00	5.36E-06	4.24E-02	4.65E-01	0.00E+00	0.00E+00	2.51E-10	4.85E-09	3.48E-02	0.00E+00	0.00E+00	0.00E+00	1.26E-03	5.01E-01	1.99E+02	0.00E+00	2.19E-08	7.35E-07	1.17E-01	3.57E-04	2.66E-01	0.00E+00	1.99E+02	5.62E-07	1.99E+02	1.99E+02	2.66E-01	0.00E+00	0.00E+00	0.00E+00	5.42E-02
HW4S320DB	1.41E-01	2.22E+01	0.00E+00	2.22E+01	0.00E+00	0.00E+00	1.46E+01	8.35E-06	6.61E-02	7.25E-01	0.00E+00	0.00E+00	3.91E-10	7.57E-09	5.42E-02	0.00E+00	0.00E+00	0.00E+00	1.97E-03	7.81E-01	3.11E+02	0.00E+00	3.41E-08	1.15E-06	1.83E-01	5.57E-04	4.14E-01	0.00E+00	3.11E+02	8.76E-07	3.11E+02	3.11E+02	4.14E-01	0.00E+00	0.00E+00	0.00E+00	8.45E-02
HW4S320DE	1.41E-01	2.22E+01	0.00E+00	2.22E+01	0.00E+00	0.00E+00	1.46E+01	8.35E-06	6.61E-02	7.25E-01	0.00E+00	0.00E+00	3.91E-10	7.57E-09	5.42E-02	0.00E+00	0.00E+00	0.00E+00	1.97E-03	7.81E-01	3.10E+02	0.00E+00	3.41E-08	1.15E-06	1.83E-01	5.56E-04	4.14E-01	0.00E+00	3.10E+02	8.76E-07	3.10E+02	3.11E+02	4.14E-01	0.00E+00	0.00E+00	0.00E+00	8.45E-02
HW4S320FB	9.04E-02	1.43E+01	0.00E+00	1.43E+01	0.00E+00	0.00E+00	9.35E+00	5.36E-06	4.24E-02	4.65E-01	0.00E+00	0.00E+00	2.51E-10	4.85E-09	3.48E-02	0.00E+00	0.00E+00	0.00E+00	1.26E-03	5.01E-01	1.99E+02	0.00E+00	2.19E-08	7.35E-07	1.17E-01	3.57E-04	2.66E-01	0.00E+00	1.99E+02	5.62E-07	1.99E+02	1.99E+02	2.66E-01	0.00E+00	0.00E+00	0.00E+00	5.42E-02
HW4S320FE	9.04E-02	1.43E+01	0.00E+00	1.43E+01	0.00E+00	0.00E+00	9.35E+00	5.36E-06	4.24E-02	4.65E-01	0.00E+00	0.00E+00	2.51E-10	4.85E-09	3.48E-02	0.00E+00	0.00E+00	0.00E+00	1.26E-03	5.01E-01	1.99E+02	0.00E+00	2.19E-08	7.35E-07	1.17E-01	3.57E-04	2.66E-01	0.00E+00	1.99E+02	5.62E-07	1.99E+02	1.99E+02	2.66E-01	0.00E+00	0.00E+00	0.00E+00	5.42E-02
HW4S325DB	1.41E-01	2.22E+01	0.00E+00	2.22E+01	0.00E+00	0.00E+00	1.46E+01	8.35E-06	6.61E-02	7.25E-01	0.00E+00	0.00E+00	3.91E-10	7.57E-09	5.42E-02	0.00E+00	0.00E+00	0.00E+00	1.97E-03	7.81E-01	3.11E+02	0.00E+00	3.41E-08	1.15E-06	1.83E-01	5.57E-04	4.14E-01	0.00E+00	3.11E+02	8.76E-07	3.11E+02	3.11E+02	4.14E-01	0.00E+00	0.00E+00	0.00E+00	8.45E-02
HW4S325DE	1.41E-01	2.22E+01	0.00E+00	2.22E+01	0.00E+00	0.00E+00	1.46E+01	8.35E-06	6.61E-02	7.25E-01	0.00E+00	0.00E+00	3.91E-10	7.57E-09	5.42E-02	0.00E+00	0.00E+00	0.00E+00	1.97E-03	7.81E-01	3.10E+02	0.00E+00	3.41E-08	1.15E-06	1.83E-01	5.56E-04	4.14E-01	0.00E+00	3.10E+02	8.76E-07	3.10E+02	3.11E+02	4.14E-01	0.00E+00	0.00E+00	0.00E+00	8.45E-02
HW4S325FB	9.04E-02	1.43E+01	0.00E+00	1.43E+01	0.00E+00	0.00E+00	9.35E+00	5.36E-06	4.24E-02	4.65E-01	0.00E+00	0.00E+00	2.51E-10	4.85E-09	3.48E-02	0.00E+00	0.00E+00	0.00E+00	1.26E-03	5.01E-01	1.99E+02	0.00E+00	2.19E-08	7.35E-07	1.17E-01	3.57E-04	2.66E-01	0.00E+00	1.99E+02	5.62E-07	1.99E+02	1.99E+02	2.66E-01	0.00E+00	0.00E+00	0.00E+00	5.42E-02
HW4S325FE	9.04E-02	1.43E+01	0.00E+00	1.43E+01	0.00E+00	0.00E+00	9.35E+00	5.36E-06	4.24E

Installation A5	HW4E412FE	1.02E-01	1.61E+01	0.00E+00	1.61E+01	0.00E+00	0.00E+00	1.05E+01	6.03E-06	4.78E-02	5.24E-01	0.00E+00	0.00E+00	2.83E-10	5.47E-09	3.92E-02	0.00E+00	0.00E+00	0.00E+00	1.42E-03	5.65E-01	2.24E+02	0.00E+00	2.47E-08	8.28E-07	1.32E-01	4.02E-04	2.99E-01	0.00E+00	2.24E+02	6.33E-07	2.24E+02	2.25E+02	2.99E-01	0.00E+00	0.00E+00	0.00E+00	6.11E-02
	HW4E312DB	1.41E-01	2.22E+01	0.00E+00	2.22E+01	0.00E+00	0.00E+00	1.46E+01	8.35E-06	6.61E-02	7.25E-01	0.00E+00	0.00E+00	3.91E-10	7.57E-09	5.42E-02	0.00E+00	0.00E+00	0.00E+00	1.97E-03	7.81E-01	3.11E+02	0.00E+00	3.41E-08	1.15E-06	1.83E-01	5.57E-04	4.14E-01	0.00E+00	3.11E+02	8.76E-07	3.11E+02	3.11E+02	4.14E-01	0.00E+00	0.00E+00	0.00E+00	8.45E-02
	HW4E312DE	1.41E-01	2.22E+01	0.00E+00	2.22E+01	0.00E+00	0.00E+00	1.46E+01	8.35E-06	6.61E-02	7.25E-01	0.00E+00	0.00E+00	3.91E-10	7.57E-09	5.42E-02	0.00E+00	0.00E+00	0.00E+00	1.97E-03	7.81E-01	3.10E+02	0.00E+00	3.41E-08	1.15E-06	1.83E-01	5.56E-04	4.14E-01	0.00E+00	3.10E+02	8.76E-07	3.10E+02	3.11E+02	4.14E-01	0.00E+00	0.00E+00	0.00E+00	8.45E-02
	HW4E312FB	9.04E-02	1.43E+01	0.00E+00	1.43E+01	0.00E+00	0.00E+00	9.35E+00	5.36E-06	4.24E-02	4.65E-01	0.00E+00	0.00E+00	2.51E-10	4.85E-09	3.48E-02	0.00E+00	0.00E+00	0.00E+00	1.26E-03	5.01E-01	1.99E+02	0.00E+00	2.19E-08	7.35E-07	1.17E-01	3.57E-04	2.66E-01	0.00E+00	1.99E+02	5.62E-07	1.99E+02	1.99E+02	2.66E-01	0.00E+00	0.00E+00	0.00E+00	5.42E-02
	HW4E312FE	9.04E-02	1.43E+01	0.00E+00	1.43E+01	0.00E+00	0.00E+00	9.35E+00	5.36E-06	4.24E-02	4.65E-01	0.00E+00	0.00E+00	2.51E-10	4.85E-09	3.48E-02	0.00E+00	0.00E+00	0.00E+00	1.26E-03	5.01E-01	1.99E+02	0.00E+00	2.19E-08	7.35E-07	1.17E-01	3.57E-04	2.66E-01	0.00E+00	1.99E+02	5.62E-07	1.99E+02	1.99E+02	2.66E-01	0.00E+00	0.00E+00	0.00E+00	5.42E-02
	HW4E316DB	1.41E-01	2.22E+01	0.00E+00	2.22E+01	0.00E+00	0.00E+00	1.46E+01	8.35E-06	6.61E-02	7.25E-01	0.00E+00	0.00E+00	3.91E-10	7.57E-09	5.42E-02	0.00E+00	0.00E+00	0.00E+00	1.97E-03	7.81E-01	3.11E+02	0.00E+00	3.41E-08	1.15E-06	1.83E-01	5.57E-04	4.14E-01	0.00E+00	3.11E+02	8.76E-07	3.11E+02	3.11E+02	4.14E-01	0.00E+00	0.00E+00	0.00E+00	8.45E-02
	HW4E316DE	1.41E-01	2.22E+01	0.00E+00	2.22E+01	0.00E+00	0.00E+00	1.46E+01	8.35E-06	6.61E-02	7.25E-01	0.00E+00	0.00E+00	3.91E-10	7.57E-09	5.42E-02	0.00E+00	0.00E+00	0.00E+00	1.97E-03	7.81E-01	3.10E+02	0.00E+00	3.41E-08	1.15E-06	1.83E-01	5.56E-04	4.14E-01	0.00E+00	3.10E+02	8.76E-07	3.10E+02	3.11E+02	4.14E-01	0.00E+00	0.00E+00	0.00E+00	8.45E-02
	HW4E316FB	9.04E-02	1.43E+01	0.00E+00	1.43E+01	0.00E+00	0.00E+00	9.35E+00	5.36E-06	4.24E-02	4.65E-01	0.00E+00	0.00E+00	2.51E-10	4.85E-09	3.48E-02	0.00E+00	0.00E+00	0.00E+00	1.26E-03	5.01E-01	1.99E+02	0.00E+00	2.19E-08	7.35E-07	1.17E-01	3.57E-04	2.66E-01	0.00E+00	1.99E+02	5.62E-07	1.99E+02	1.99E+02	2.66E-01	0.00E+00	0.00E+00	0.00E+00	5.42E-02
	HW4E316FE	9.04E-02	1.43E+01	0.00E+00	1.43E+01	0.00E+00	0.00E+00	9.35E+00	5.36E-06	4.24E-02	4.65E-01	0.00E+00	0.00E+00	2.51E-10	4.85E-09	3.48E-02	0.00E+00	0.00E+00	0.00E+00	1.26E-03	5.01E-01	1.99E+02	0.00E+00	2.19E-08	7.35E-07	1.17E-01	3.57E-04	2.66E-01	0.00E+00	1.99E+02	5.62E-07	1.99E+02	1.99E+02	2.66E-01	0.00E+00	0.00E+00	0.00E+00	5.42E-02
	HW4E310DB	1.41E-01	2.22E+01	0.00E+00	2.22E+01	0.00E+00	0.00E+00	1.46E+01	8.35E-06	6.61E-02	7.25E-01	0.00E+00	0.00E+00	3.91E-10	7.57E-09	5.42E-02	0.00E+00	0.00E+00	0.00E+00	1.97E-03	7.81E-01	3.11E+02	0.00E+00	3.41E-08	1.15E-06	1.83E-01	5.57E-04	4.14E-01	0.00E+00	3.11E+02	8.76E-07	3.11E+02	3.11E+02	4.14E-01	0.00E+00	0.00E+00	0.00E+00	8.45E-02
	HW4E310FE	9.04E-02	1.43E+01	0.00E+00	1.43E+01	0.00E+00	0.00E+00	9.35E+00	5.36E-06	4.24E-02	4.65E-01	0.00E+00	0.00E+00	2.51E-10	4.85E-09	3.48E-02	0.00E+00	0.00E+00	0.00E+00	1.26E-03	5.01E-01	1.99E+02	0.00E+00	2.19E-08	7.35E-07	1.17E-01	3.57E-04	2.66E-01	0.00E+00	1.99E+02	5.62E-07	1.99E+02	1.99E+02	2.66E-01	0.00E+00	0.00E+00	0.00E+00	5.42E-02
	HW4E310DE	1.41E-01	2.22E+01	0.00E+00	2.22E+01	0.00E+00	0.00E+00	1.46E+01	8.35E-06	6.61E-02	7.25E-01	0.00E+00	0.00E+00	3.91E-10	7.57E-09	5.42E-02	0.00E+00	0.00E+00	0.00E+00	1.97E-03	7.81E-01	3.10E+02	0.00E+00	3.41E-08	1.15E-06	1.83E-01	5.56E-04	4.14E-01	0.00E+00	3.10E+02	8.76E-07	3.10E+02	3.11E+02	4.14E-01	0.00E+00	0.00E+00	0.00E+00	8.45E-02
	HW4E310FB	9.04E-02	1.43E+01	0.00E+00	1.43E+01	0.00E+00	0.00E+00	9.35E+00	5.36E-06	4.24E-02	4.65E-01	0.00E+00	0.00E+00	2.51E-10	4.85E-09	3.48E-02	0.00E+00	0.00E+00	0.00E+00	1.26E-03	5.01E-01	1.99E+02	0.00E+00	2.19E-08	7.35E-07	1.17E-01	3.57E-04	2.66E-01	0.00E+00	1.99E+02	5.62E-07	1.99E+02	1.99E+02	2.66E-01	0.00E+00	0.00E+00	0.00E+00	5.42E-02
	HW4E416DB	1.75E-01	2.76E+01	0.00E+00	2.76E+01	0.00E+00	0.00E+00	1.81E+01	1.04E-05	8.19E-02	8.99E-01	0.00E+00	0.00E+00	4.85E-10	9.38E-09	6.72E-02	0.00E+00	0.00E+00	0.00E+00	2.44E-03	9.69E-01	3.85E+02	0.00E+00	4.23E-08	1.42E-06	2.27E-01	6.90E-04	5.14E-01	0.00E+00	3.85E+02	1.09E-06	3.85E+02	3.86E+02	5.14E-01	0.00E+00	0.00E+00	0.00E+00	1.05E-01
	HW4E416DE	1.75E-01	2.76E+01	0.00E+00	2.76E+01	0.00E+00	0.00E+00	1.81E+01	1.04E-05	8.19E-02	8.99E-01	0.00E+00	0.00E+00	4.85E-10	9.38E-09	6.72E-02	0.00E+00	0.00E+00	0.00E+00	2.44E-03	9.69E-01	3.85E+02	0.00E+00	4.23E-08	1.42E-06	2.27E-01	6.90E-04	5.14E-01	0.00E+00	3.85E+02	1.09E-06	3.85E+02	3.86E+02	5.14E-01	0.00E+00	0.00E+00	0.00E+00	1.05E-01
	HW4E416FB	1.02E-01	1.61E+01	0.00E+00	1.61E+01	0.00E+00	0.00E+00	1.05E+01	6.03E-06	4.78E-02	5.24E-01	0.00E+00	0.00E+00	2.83E-10	5.47E-09	3.92E-02	0.00E+00	0.00E+00	0.00E+00	1.42E-03	5.65E-01	2.24E+02	0.00E+00	2.47E-08	8.29E-07	1.32E-01	4.02E-04	3.00E-01	0.00E+00	2.24E+02	6.33E-07	2.24E+02	2.25E+02	3.00E-01	0.00E+00	0.00E+00	0.00E+00	6.11E-02
	HW4E416FE	1.02E-01	1.61E+01	0.00E+00	1.61E+01	0.00E+00	0.00E+00	1.05E+01	6.03E-06	4.78E-02	5.24E-01	0.00E+00	0.00E+00	2.83E-10	5.47E-09	3.92E-02	0.00E+00	0.00E+00	0.00E+00	1.42E-03	5.65E-01	2.24E+02	0.00E+00	2.47E-08	8.28E-07	1.32E-01	4.02E-04	2.99E-01	0.00E+00	2.24E+02	6.33E-07	2.24E+02	2.25E+02	2.99E-01	0.00E+00	0.00E+00	0.00E+00	6.11E-02
	HW4E420DB	1.75E-01	2.76E+01	0.00E+00	2.76E+01	0.00E+00	0.00E+00	1.81E+01	1.04E-05	8.19E-02	8.99E-01	0.00E+00	0.00E+00	4.85E-10	9.38E-09	6.72E-02	0.00E+00	0.00E+00	0.00E+00	2.44E-03	9.69E-01	3.85E+02	0.00E+00	4.23E-08	1.42E-06	2.27E-01	6.90E-04	5.14E-01	0.00E+00	3.85E+02	1.09E-06	3.85E+02	3.86E+02	5.14E-01	0.00E+00	0.00E+00	0.00E+00	1.05E-01
	HW4E420DE	1.75E-01	2.76E+01	0.00E+00	2.76E+01	0.00E+00	0.00E+00	1.81E+01	1.04E-05	8.19E-02	8.99E-01	0.00E+00	0.00E+00	4.85E-10	9.38E-09	6.72E-02	0.00E+00	0.00E+00	0.00E+00	2.44E-03	9.69E-01	3.85E+02	0.00E+00	4.23E-08	1.42E-06	2.27E-01	6.90E-04	5.14E-01	0.00E+00	3.85E+02	1.09E-06	3.85E+02	3.86E+02	5.14E-01	0.00E+00	0.00E+00	0.00E+00	1.05E-01
	HW4E420FB	1.02E-01	1.61E+01	0.00E+00	1.61E+01	0.00E+00	0.00E+00	1.05E+01	6.03E-06	4.78E-02	5.24E-01	0.00E+00	0.00E+00	2.83E-10	5.47E-09	3.92E-02	0.00E+00	0.00E+00	0.00E+00	1.42E-03	5.65E-01	2.24E+02	0.00E+00	2.47E-08	8.29E-07	1.32E-01	4.02E-04	3.00E-01	0.00E+00	2.24E+02	6.33E-07	2.24E+02	2.25E+02	3.00E-01	0.00E+00	0.00E+00	0.00E+00	6.11E-02
	HW4E420FE	1.02E-01	1.61E+01	0.00E+00	1.61E+01	0.00E+00	0.00E+00	1.05E+01	6.03E-06	4.78E-02	5.24E-01	0.00E+00	0.00E+00	2.83E-10	5.47E-09	3.92E-02	0.00E+00	0.00E+00	0.00E+00	1.42E-03	5.65E-01	2.24E+02	0.00E+00	2.47E-08	8.28E-07	1.32E-01	4.02E-04	2.99E-01	0.00E+00	2.24E+02	6.33E-07	2.24E+02	2.25E+02	2.99E-01	0.00E+00	0.00E+00	0.00E+00	6.11E-02
	HW4E425DB	1.75E-01	2.76E+01	0.00E+00	2.76E+01	0.00E+00	0.00E+00	1.81E+01	1.04E-05	8.19E-02	8.99E-01	0.00E+00	0.00E+00	4.85E-10	9.38E-09	6.72E-02	0.00E+00	0.00E+00	0.00E+00	2.44E-03	9.69E-01	3.85E+02	0.00E+00	4.23E-08	1.42E-06	2.27E-01	6.90E-04	5.14E-01	0.00E+00	3.85E+02	1.09E-06	3.85E+02	3.86E+02	5.14E-01	0.00E+00	0.00E+00	0.00E+00	1.05E-01
	HW4E425DE	1.75E-01	2.76E+01	0.00E+00	2.76E+01	0.00E+00	0.00E+00	1.81E+01	1.04E-05	8.19E-02	8.99E-01	0.00E+00	0.00E+00	4.85E-10	9.38E-09	6.72E-02	0.00E+00	0.00E+00	0.00E+00	2.44E-03	9.69E-01	3.85E+02	0.00E+00	4.23E-08	1.42E-06	2.27E-01	6.90E-04	5.14E-01	0.00E+00	3.85E+02	1.09E-06	3.85E+02	3.86E+02	5.14E-01	0.00E+00	0.00E+00	0.00E+00	1.05E-01
	HW4E425FB	1.02E-01	1.61E+01	0.00E+00	1.61E+01	0.00E+00	0.00E+00	1.05E+01	6.03E-06	4.78E-02	5.24E-01	0.00E+00	0.00E+00	2.83E-10	5.47E-09	3.92E-02	0.00E+00	0.00E+00	0.00E+00	1.42E-03	5.65E-01	2.24E+02	0.00E+00	2.47E-08	8.29E-07	1.32E-01	4.02E-04	3.00E-01	0.00E+00	2.24E+02	6.33E-07	2.24E+02	2.25E+02	3.00E-01	0.00E+00	0.00E+00	0.00E+00	6.11E-02
	HW4E425FE	1.02E-01	1.61E+01	0.00E+00	1.61E+01	0.00E+00	0.00E+00	1.05E+01	6.03E-06	4.78E-02	5.24E-01	0.00E+00	0.00E+00	2.83E-10	5.47E-09	3.92E-02	0.00E+00	0.00E+00	0.00E+00	1.42E-03	5.65E-01	2.24E+02	0.00E+00	2.47E-08	8.28E-07	1.32E-01	4.02E-04	2.99E-01	0.00E+00	2.24E+02	6.33E-07	2.24E+02	2.25E+02	2.99E-01	0.00E+00	0.00E+00	0.00E+00	6.11E-02
	HWY001H	3.74E-02	8.02E-01	0.00E+00	8.02E-01	0.00E+00	0.00E+00	4.79E-01	2.79E-07	6.57E-03	7.20E-02	0.00E+00	0.00E+00	1.19E-11	2.66E-10	1.66E-03	0.00E+00	0.00E+00	0.00E+00	6.14E-05	2.45E-02	1.01E+01	0.00E+00	1.04E-09	1.47E-07	1.85E-02	1.70E-05	1.30E-02	0.00E+00	1.01E+01	2.86E-08	1.01E+01	1.02E+01	1.30E-02	0.00E+00	0.00E+00	0.00E+00	2.64E-03
	HWY002H	3.46E-02	9.96E-01	0.00E+00	9.96E-01	0.00E+00	0.00E+00	5.94E-01	3.42E-07	8.16E-03	8.93E-02	0.00E+00	0.00E+00	1.48E-11	3.30E-10	2.06E-03	0.00E+00	0.00E+00	0.00E+00	7.62E-05	3.04E-02	1.26E+01	0.00E+00	1.29E-09	1.82E-07	2.30E-02	2.11E-05	1.61E-02	0.00E+00	1.26E+01	3.55E-08	1.26E+01	1.26E+01	1.61E-02	0.00E+00	0.00E+00	0.00E+00	3.27E-03
	HWY005H	6.34E-02	1.36E+00	0.00E+00	1.36E+00	0.00E+00	0.00E+00	8.13E-01	4.68E-07	1.12E-02	1.22E-01	0.00E+00	0.00E+00	2.02E-11	4.51E-10	2.81E-03	0.00E+00	0.00E+00	0.00E+00	1.04E-04	4.15E-02	1.72E+01	0.00E+00	1.77E-09	2.49E-07	3.15E-02	2.88E-05	2.20E-02	0.00E+00	1.72E+01	4.86E-08	1.72E+01	1.72E+01	2.20E-02	0.00E+00	0.00E+00	0.00E+00	4.47E-03
	HWY006H	8.21E-02	1.76E+00	0.00E+00	1.76E+00	0.00E+00	0.00E+00	1.05E+00	6.06E-07	1.44E-02	1.58E-01	0.00E+00	0.00E+00	2.62E-11	5.84E-10	3.64E-03	0.00E+00	0.00E+00	0.00E+00	1.35E-04	5.37E-02	2.23E+01	0.00E+00	2.29E-09	3.22E-07	4.07E-02	3.73E-05	2.85E-02	0.00E+00	2.23E+01	6.29E-08	2.23E+01	2.23E+01	2.85E-02	0.00E+00	0.00E+00	0.00E+00	5.79E-03
	HWY040H	2.60E-03	4.09E-01	0.00E+00	4.09E-01	0.00E+00	0.00E+00	2.69E-01	1.54E-07	1.22E-03	1.34E-02	0.00E+00	0.00E+00	7.21E-12	1.39E-10	9.99E-04	0.00E+00	0.00E+00	0.00E+00	3.63E-05	1.44E-02	5.72E+00	0.00E+00	6.26E-10	2.11E-08	3.37E-03	1.03E-05	7.63E-03	0.00E+00	5.72E+00	1.61E-08	5.72E+00	5.73E+00	7.63E-03	0.00E+00	0.00E+00	0.00E+00	1.56E-03
	HWY041H	3.56E-03	5.61E-01	0.00E+00	5.61E-01	0.00E+00	0.00E+00	3.68E-01	2.11E-07	1.67E-03	1.83E-02	0.00E+00	0.00E+00	9.88E-12	1.91E-10	1.37E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-05	1.97E-02	7.84E+00	0.00E+00	8.62E-10	2.89E-08	4.62E-03	1.41E-05	1.05E-02	0.00E+00	7.84E+00	2.21E-08	7.84E+00	7.85E+00	1.05E-02	0.00E+00	0.00E+00	0.00E+00	2.13E-03
	HWY044H	2.18E-03	3.43E-01	0.00E+00	3.43E-01	0.00E+00	0.00E+00	2.25E-01	1.29E-07	1.02E-03	1.12E-02	0.00E+00	0.00E+00	6.04E-12	1.17E-10	8.37E-04	0.00E+00	0.00E+00	0.00E+00	3.04E-05	1.21E-02	4.79E+00	0.00E+00	5.27E-10	1.77E-08	2.82E-03	8.59E-06	6.40E-03	0.00E+00	4.79E+00	1.35E-08	4.79E+00	4.80E+00	6.40E-03	0.00E+00	0.00E+00	0.00E+00	1.30E-03
	HWY045H	2.94E-03	4.63E-01	0.00E+00	4.63E-01	0.00E+00	0.00E+00	3.04E-01	1.74E-07	1.38E-03	1.51E-02	0.00E+00	0.00E+00	8.15E-12	1.58E-10	1.13E-03	0.00E+00	0.00E+00	0.00E+00	4.10E-05	1.63E-02	6.47E+00	0.00E+00	7.11E-10	2.39E-08	3.81E-03	1.16E-05	8.63E-03	0.00E+00	6.47E+00	1.83E-08	6.47E+00	6.48E+00	8.63E-03	0.00E+00	0.00E+00	0.00E+00	1.76E-03
	HWY046H	1.56E-03	2.47E-01	0.00E+00	2.47E-01	0.00E+00	0.00E+00	1.62E-01	9.26E-08	7.33E-04	8.04E-03	0.00E+00	0.00E+00	4.34E-12	8.39E-11	6.01E-04	0.00E+00	0.00E+00	0.00E+00	2.18E-05	8.67E-03	3.44E+00	0.00E+00	3.79E-10	1.27E-08	2.03E-03	6.17E-06	4.60E-03	0.00E+00	3.44E+00	9.72E-09	3.44E+00	3.45E+00	4.60E-03	0.00E+00	0.00E+00	0.00E+00	9.38E-04
	HWY047H	2.08E-03	3.28E-01	0.00E+00	3.28E-01	0.00E+00	0.00E+00	2.15E-01	1.23E-07	9.76E-04	1.07E-02	0.00E+00	0.00E+00	5.78E-12	1.12E-10	8.01E-04	0.00E+00	0.00E+00	0.00E+00	2.91E-05	1.15E-02	4.59E+00	0.00E+00	5.04E-10	1.69E-08	2.70E-03	8.22E-06	6.12E-03	0.00E+00	4.59E+00	1.29E-08	4.59E+00	4.59E+00	6.12E-03	0.00E+00	0.00E+00	0.00E+00	1.25E-03
	HWY048H	1.30E-03	2.06E-01	0.00E+00	2.06E-01	0.00E+00	0.00E+00	1.35E-01	7.73E-08	6.12E-04	6.71E-03	0.00E+00	0.00E+00	3.62E-12	7.00E-11	5.02E-04	0.00E+00	0.00E+00	0.00E+00	1.82E-05	7.23E-03	2.87E+00	0.00E+00	3.16E-10	1.06E-08	1.69E-03	5.15E-06	3.84E-03	0.00E+00	2.87E+00	8.11E-09	2.87E+00	2.88E+00	3.84E-03	0.00E+00	0.00E+00	0.00E+00	7.82E-04
	HWY049H	1.74E-03	2.74E-01	0.00E+00	2.74E-01	0.00E+00	0.00E+00	1.80E-01	1.03E-07	8.16E-04	8.95E-03	0.00E+00	0.00E+00	4.83E-12	9.34E-11	6.69E-04	0.00E+00	0.00E+00	0.00E+00	2.43E-05	9.65E-03	3.83E+00	0.00E+00	4.21E-10	1.42E-08	2.26E-03	6.87E-06	5.12E-03	0.00E+00	3.83E+00	1.08E-08	3.83E+00	3.84E+00	5.12E-03	0.00E+00	0.00E+00	0.00E+00	1.04E-03
	HWY068H	3.45E-03	5.43E-01	0.00E+00	5.43E-01	0.00E+00	0.00E+00	3.56E-01	2.04E-07	1.61E-03	1.77E-02	0.00E+00	0.00E+00	9.56E-12	1.85E-10	1.33E-03	0.00E+00	0.00E+00	0.00E+00	4.81E-05	1.91E-02	7.59E+00	0.00E+00	8.34E-10	2.80E-08	4.47E-03	1.36E-05	1.01E-02	0.00E+00	7.59E+00	2.14E-08	7.59E+00	7.60E+00	1.01E-02	0.00E+00	0.00E+00	0.00E+00	2.07E-03
	HWY069H	4.59E-03	7.24E-01	0.00E+00	7.24E-01	0.00E+00	0.00E+00	4.75E-01	2.72E-07	2.15E-03	2.36E-02	0.00E+00	0.00E+00	1.27E-11	2.47E-10	1.77E-03	0.00E+00	0.00E+00	0.00E+00	6.41E-05	2.55E-02	1.01E+01	0.00E+00	1.11E-09	3.74E-08	5.96E-03	1.81E-05	1.35E-02	0.00E+00	1.01E+01	2.86E-08	1.01E+01	1.01E+01	1.35E-02	0.00E+00	0.00E+00	0.00E+00	2.75E-03
	HWY160H	3.45E-03	5.44E-01	0.00E+00	5.44E-01	0.00E+00	0.00E+00	3.57E-01	2.04E-07	1.62E-03	1.77E-02	0.00E+00	0.00E+00	9.57E-12	1.85E-10	1.33E-03	0.00E+00	0.00E+00	0.00E+00	4.81E-05	1.91E-02	7.59E+00	0.00E+00	8.34E-10	2.80E-08	4.47E-03	1.36E-05	1.01E-02	0.00E+00	7.59E+00	2.14E-08	7.59E+00	7.60E+00	1.01E-02	0.00E+00	0.00E+00	0.00E+00	2.07E-03
	HWY161H	4.60E-03	7.25E-01	0.00E+00	7.25E-01	0.00E+00	0.00E+00	4.75E-01	2.72E-07	2.15E-03	2.36E-02	0.00E+00	0.00E+00	1.28E-11	2.47E-10	1.77E-03	0.00E+00	0.00E+00	0.00E+00	6.42E-05	2.55E-02	1.01E+01	0.00E+00	1.11E-09	3.74E-08	5.96E-03	1.81E-05	1.35E-02	0.00E+00	1.01E+01	2.86E-08	1.01E+01	1.01E+01	1.35E-02	0.00E+00	0.00E+00	0.00E+00	2.76E-03
	HWY168H	6.60E-03	1.04E+00	0.00E+00	1.04E+00	0.00E+00	0.00E+00	6.83E-01	3.91E-07	3.09E-03	3.39E-02	0.00E+00	0.00E+00	1.83E-11	3.54E-10	2.54E-03	0.00E+00	0.00E+00	0.00E+00	9.21E-05	3.66E-02	1.45E+01	0.00E+00	1.60E-09	5.37E-08	8.56E-03	2.61E-05	1.94E-02	0.00E+00	1.45E+01	4.10E-08	1.45E+01	1.46E+01	1.94E-02	0.00E+00	0.00E+00	0.00E+00	3.96E-03
	HWY169H	8.80E-03	1.39E+00	0.00E+00	1.39E+00	0.00E+00	0.00E+00	9.10E-01	5.21E-07	4.13E-03	4.53E-02	0.00E+00	0.00E+00	2.44E-11	4.72E-10	3.39E-03	0.00E+00	0.00E+00	0.00E+00	1.23E-04	4.88E-02	1.94E+01	0.00E+00	2.13E-09	7.16E-08	1.14E-02	3.47E-05	2.59E-02	0.00E+00	1.94E+01	5.47E-08	1.94E+01	1.94E+01	2.59E-02	0.00E+00	0.00E+00	0.00E+00	5.28E-03
	HWY040HSA	3.66E-02	7.85E-01	0.00E+00	7.85E-01	0.00E+00	0.00E+00	4.69E-01	2.70E-07	6.43E-03	7.04E-02	0.00E+00	0.00E+00	1.17E-11	2.60E-10	1.62E-03	0.00E+00	0.00E+00	0.00E+00	6.01E-05	2.39E-02	9.92E+00	0.00E+00	1.02E-09	1.44E-07	1.81E-02	1.66E-05	1.27E-02	0.00E+00	9.92E+00	2.80E-08	9.92E+00	9.94E+00	1.27E-02	0.00E+00	0.00E+00	0.00E+00	2.58E-03
	HWY041HSA	4.78E-02	1.03E+00	0.00E+00	1.03E+00	0.00E+00	0.00E+00	6.12E-01	3.53E-07	8.40E-03	9.20E-02	0.00E+00	0.00E+00	1.52E-11	3.40E-10	2.12E-03	0.00E+00	0.00E+00	0.00E+00	7.85E-05	3.13E-02	1.30E+01	0.00E+00	1.33E-09	1.88E-07	2.37E-02	2.17E-05	1.66E-02	0.00E+00	1.30E+01	3.66E-08	1.30E+01	1.30E+01	1.66E-02	0.00E+00	0.00E+00	0.00E+00	3.37E-03
	HWY044HSA	3.04E-02	6.54E-01	0.00E+00	6.54E-01	0.00E+00	0.00E+00	3.90E-01	2.25E-07	5.36E-03	5.87E-02	0.00E+00	0.00E+00	9.71E-12	2.17E-10	1.35E-03	0.00E+00	0.00E+00	0.00E+00	5.00E-05	1.99E-02	8.26E+00	0.00E+00	8.49E-10	1.20E-07	1.51E-02	1.38E-05	1.06E-02	0.00E+00	8.26E+00	2.33E-08	8.26E+00	8.27E+00	1.06E-02	0.00E+00	0.00E+00	0.00E+00	2.15E-03
	HWY045HSA	3.96E-02	8.50E-01	0.00E+00	8.50E-01	0.00E+00	0.00E+00

HW1E304FB	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1E304FE	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1E306DB	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1E306DE	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1E306FB	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1E306FE	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1E308DB	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1E308DE	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1E308FB	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1E308FE	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1E310DB	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1E310DE	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1E310FB	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1E310FE	2.41E-04	2.04E-01	2.08E-02	1.83E-01	0.00E+00	0.00E+00	6.20E-01	1.27E-06	7.46E-05	6.59E-04	0.00E+00	-4.02E-04	3.85E-09	2.41E-10	2.82E-02	9.30E-05	3.83E-02	3.93E-02	4.22E-04	1.05E-01	8.14E-01	0.00E+00	8.13E-10	1.54E-09	1.46E-04	6.99E-06	1.19E-01	0.00E+00	8.14E-01	-1.77E-07	8.14E-01	9.33E-01	1.19E-01	0.00E+00	0.00E+00	0.00E+00	1.81E-02
HW1E312DB	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1E312DE	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1E312FB	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1E312FE	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1E316DB	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1E316DE	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1E316FB	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1E316FE	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1E404DB	1.17E-02	3.03E+01	1.68E+01	1.35E+01	0.00E+00	0.00E+00	5.92E+01	7.21E-05	9.52E-03	4.32E-02	5.26E+00	4.79E-02	2.42E-07	1.89E-08	3.20E-01	4.91E-03	5.02E+00	4.88E+00	1.62E-02	1.23E+01	7.29E+01	0.00E+00	4.50E-08	6.05E-08	1.38E-02	3.21E-04	7.22E+01	0.00E+00	2.79E+01	-9.15E-08	2.79E+01	1.00E+02	7.22E+01	0.00E+00	0.00E+00	0.00E+00	6.97E-01
HW1E404DE	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1E404FB	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1E404FE	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1E406DB	1.17E-02	3.03E+01	1.68E+01	1.35E+01	0.00E+00	0.00E+00	5.92E+01	7.21E-05	9.52E-03	4.32E-02	5.26E+00	4.79E-02	2.42E-07	1.89E-08	3.20E-01	4.91E-03	5.02E+00	4.88E+00	1.62E-02	1.23E+01	7.29E+01	0.00E+00	4.50E-08	6.05E-08	1.38E-02	3.21E-04	7.22E+01	0.00E+00	2.79E+01	-9.15E-08	2.79E+01	1.00E+02	7.22E+01	0.00E+00	0.00E+00	0.00E+00	6.97E-01
HW1E406DE	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1E406FB	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1E406FE	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1E408DB	1.17E-02	3.03E+01	1.68E+01	1.35E+01	0.00E+00	0.00E+00	5.92E+01	7.21E-05	9.52E-03	4.32E-02	5.26E+00	4.79E-02	2.42E-07	1.89E-08	3.20E-01	4.91E-03	5.02E+00	4.88E+00	1.62E-02	1.23E+01	7.29E+01	0.00E+00	4.50E-08	6.05E-08	1.38E-02	3.21E-04	7.22E+01	0.00E+00	2.79E+01	-9.15E-08	2.79E+01	1.00E+02	7.22E+01	0.00E+00	0.00E+00	0.00E+00	6.97E-01
HW1E408DE	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1E408FB	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1E408FE	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1E410DB	1.17E-02	3.03E+01	1.68E+01	1.35E+01	0.00E+00	0.00E+00	5.92E+01	7.21E-05	9.52E-03	4.32E-02	5.26E+00	4.79E-02	2.42E-07	1.89E-08	3.20E-01	4.91E-03	5.02E+00	4.88E+00	1.62E-02	1.23E+01	7.29E+01	0.00E+00	4.50E-08	6.05E-08	1.38E-02	3.21E-04	7.22E+01	0.00E+00	2.79E+01	-9.15E-08	2.79E+01	1.00E+02	7.22E+01	0.00E+00	0.00E+00	0.00E+00	6.97E-01
HW1E410DE	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1E410FB	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1E410FE	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1E412DB	1.17E-02	3.03E+01	1.68E+01	1.35E+01	0.00E+00	0.00E+00	5.92E+01	7.21E-05	9.52E-03	4.32E-02	5.26E+00	4.79E-02	2.42E-07	1.89E-08	3.20E-01	4.91E-03	5.02E+00	4.88E+00	1.62E-02	1.23E+01	7.29E+01	0.00E+00	4.50E-08	6.05E-08	1.38E-02	3.21E-04	7.22E+01	0.00E+00	2.79E+01	-9.15E-08	2.79E+01	1.00E+02	7.22E+01	0.00E+00	0.00E+00	0.00E+00	6.97E-01
HW1E412DE	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1E412FB	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1E412FE	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1E416DB	1.17E-02	3.03E+01	1.68E+01	1.35E+01	0.00E+00	0.00E+00	5.92E+01	7.21E-05	9.52E-03	4.32E-02	5.26E+00	4.79E-02	2.42E-07	1.89E-08	3.20E-01	4.91E-03	5.02E+00	4.88E+00	1.62E-02	1.23E+01	7.29E+01	0.00E+00	4.50E-08	6.05E-08	1.38E-02	3.21E-04	7.22E+01	0.00E+00	2.79E+01	-9.15E-08	2.79E+01	1.00E+02	7.22E+01	0.00E+00	0.00E+00	0.00E+00	6.97E-01
HW1E416DE	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1E416FB	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1E416FE	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1M304DB	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04

HW1M416DE	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1M416FB	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1M416FE	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1N304DB	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1N304DE	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1N304FB	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1N304FE	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1N306DB	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1N306DE	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1N306FB	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1N306FE	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1N308DB	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1N308DE	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1N308FB	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1N308FE	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1N310DB	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1N310DE	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1N310FB	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1N310FE	2.41E-04	2.04E-01	2.06E-02	1.83E-01	0.00E+00	0.00E+00	6.20E-01	1.27E-06	7.46E-05	6.59E-04	0.00E+00	-4.03E-04	3.85E-09	2.41E-10	2.82E-02	9.30E-05	3.63E-02	3.93E-02	4.22E-04	1.05E-01	8.14E-01	0.00E+00	8.13E-10	1.54E-09	1.46E-04	6.99E-06	1.19E-01	0.00E+00	8.14E-01	-1.77E-07	8.14E-01	9.33E-01	1.19E-01	0.00E+00	0.00E+00	0.00E+00	1.81E-02
HW1N312DB	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1N312DE	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1N312FB	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1N312FE	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1N316DB	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1N316DE	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1N316FB	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1N316FE	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1N404DB	1.17E-02	3.03E+01	1.68E+01	1.35E+01	0.00E+00	0.00E+00	5.92E+01	7.21E-05	9.52E-03	4.32E-02	5.26E+00	4.79E-02	2.42E-07	1.89E-08	3.20E-01	4.91E-03	5.02E+00	4.88E+00	1.62E-02	1.23E+01	2.79E+01	0.00E+00	4.50E-08	6.05E-08	1.38E-02	3.21E-04	7.22E+01	0.00E+00	2.79E+01	-9.15E-08	2.79E+01	1.00E+02	7.22E+01	0.00E+00	0.00E+00	0.00E+00	6.97E-01
HW1N404DE	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1N404FB	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1N404FE	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1N406DB	1.17E-02	3.03E+01	1.68E+01	1.35E+01	0.00E+00	0.00E+00	5.92E+01	7.21E-05	9.52E-03	4.32E-02	5.26E+00	4.79E-02	2.42E-07	1.89E-08	3.20E-01	4.91E-03	5.02E+00	4.88E+00	1.62E-02	1.23E+01	2.79E+01	0.00E+00	4.50E-08	6.05E-08	1.38E-02	3.21E-04	7.22E+01	0.00E+00	2.79E+01	-9.15E-08	2.79E+01	1.00E+02	7.22E+01	0.00E+00	0.00E+00	0.00E+00	6.97E-01
HW1N406DE	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1N406FB	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1N406FE	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1N408DB	1.17E-02	3.03E+01	1.68E+01	1.35E+01	0.00E+00	0.00E+00	5.92E+01	7.21E-05	9.52E-03	4.32E-02	5.26E+00	4.79E-02	2.42E-07	1.89E-08	3.20E-01	4.91E-03	5.02E+00	4.88E+00	1.62E-02	1.23E+01	2.79E+01	0.00E+00	4.50E-08	6.05E-08	1.38E-02	3.21E-04	7.22E+01	0.00E+00	2.79E+01	-9.15E-08	2.79E+01	1.00E+02	7.22E+01	0.00E+00	0.00E+00	0.00E+00	6.97E-01
HW1N408DE	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1N408FB	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1N408FE	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1N410DB	1.17E-02	3.03E+01	1.68E+01	1.35E+01	0.00E+00	0.00E+00	5.92E+01	7.21E-05	9.52E-03	4.32E-02	5.26E+00	4.79E-02	2.42E-07	1.89E-08	3.20E-01	4.91E-03	5.02E+00	4.88E+00	1.62E-02	1.23E+01	2.79E+01	0.00E+00	4.50E-08	6.05E-08	1.38E-02	3.21E-04	7.22E+01	0.00E+00	2.79E+01	-9.15E-08	2.79E+01	1.00E+02	7.22E+01	0.00E+00	0.00E+00	0.00E+00	6.97E-01
HW1N410DE	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1N410FB	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1N410FE	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1N412DB	1.17E-02	3.03E+01	1.68E+01	1.35E+01	0.00E+00	0.00E+00	5.92E+01	7.21E-05	9.52E-03	4.32E-02	5.26E+00	4.79E-02	2.42E-07	1.89E-08	3.20E-01	4.91E-03	5.02E+00	4.88E+00	1.62E-02	1.23E+01	2.79E+01	0.00E+00	4.50E-08	6.05E-08	1.38E-02	3.21E-04	7.22E+01	0.00E+00	2.79E+01	-9.15E-08	2.79E+01	1.00E+02	7.22E+01	0.00E+00	0.00E+00	0.00E+00	6.97E-01
HW1N412DE	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1N412FB	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E-04	2.15E-02	1.18E-01	5.26E+00	2.69E-01	1.24E-06	4.81E-08	1.67E+00	2.91E-02	5.77E+00	4.88E+00	3.20E-02	1.60E+01	1.14E+02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E+01	0.00E+00	1.14E+02	1.19E-07	1.14E+02	1.98E+02	8.37E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+00
HW1N412FE	3.69E-02	4.15E+01	1.89E+01	2.26E+01	0.00E+00	0.00E+00	1.90E+02	1.99E

HF2E425FCII-MTS	8.64E-03	2.50E+01	1.57E+01	9.29E+00	0.00E+00	0.00E+00	3.15E+00	4.61E-07	5.41E-03	6.44E-02	0.00E+00	-1.94E+00	4.92E-09	7.78E-08	6.49E-02	1.08E-04	3.47E-03	1.58E-04	1.01E-01	2.56E+01	2.58E+00	0.00E+00	4.00E-08	-1.38E-08	1.31E-02	6.23E-04	-2.25E+00	0.00E+00	2.58E+00	-2.25E-04	2.58E+03	3.37E-01	-2.25E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2E306DB	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.77E+00	1.05E-07	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.08E-09	7.77E-08	6.10E-02	3.93E-05	1.21E-03	0.00E+00	1.01E-01	2.56E+01	2.34E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.34E+00	-2.25E-04	2.34E+00	5.81E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2E306DE	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.77E+00	9.86E-08	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.03E-09	7.77E-08	6.09E-02	3.81E-05	1.17E-03	0.00E+00	1.01E-01	2.56E+01	2.33E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.33E+00	-2.25E-04	2.33E+00	5.32E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2E306FB	8.57E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.78E+00	1.16E-07	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.15E-09	7.77E-08	6.12E-02	4.10E-05	1.37E-03	1.18E-04	1.01E-01	2.56E+01	2.34E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.34E+00	-2.25E-04	2.34E+00	6.67E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2E306FE	8.65E-03	2.50E+01	1.57E+01	9.35E+00	0.00E+00	0.00E+00	2.84E+00	5.68E-07	5.39E-03	6.44E-02	0.00E+00	-1.94E+00	2.08E-09	7.77E-08	7.45E-02	3.93E-05	2.20E-02	2.31E-02	1.01E-01	2.57E+01	2.62E+00	0.00E+00	3.99E-08	-1.36E-08	1.30E-02	6.25E-04	-2.23E+00	0.00E+00	2.62E+00	-2.25E-04	2.62E+00	3.86E-01	-2.23E+00	0.00E+00	0.00E+00	0.00E+00	4.35E+00
HW2E308DB	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.77E+00	1.05E-07	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.08E-09	7.77E-08	6.10E-02	3.93E-05	1.21E-03	0.00E+00	1.01E-01	2.56E+01	2.34E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.34E+00	-2.25E-04	2.34E+00	5.81E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2E308DE	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.77E+00	9.86E-08	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.03E-09	7.77E-08	6.09E-02	3.81E-05	1.17E-03	0.00E+00	1.01E-01	2.56E+01	2.33E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.33E+00	-2.25E-04	2.33E+00	5.32E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2E308FB	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.77E+00	1.05E-07	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.08E-09	7.77E-08	6.10E-02	3.93E-05	1.21E-03	0.00E+00	1.01E-01	2.56E+01	2.34E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.34E+00	-2.25E-04	2.34E+00	5.81E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2E308FE	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.77E+00	9.86E-08	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.03E-09	7.77E-08	6.09E-02	3.81E-05	1.17E-03	0.00E+00	1.01E-01	2.56E+01	2.33E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.33E+00	-2.25E-04	2.33E+00	5.32E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2E310DB	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.77E+00	1.05E-07	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.08E-09	7.77E-08	6.10E-02	3.93E-05	1.21E-03	0.00E+00	1.01E-01	2.56E+01	2.34E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.34E+00	-2.25E-04	2.34E+00	5.81E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2E310DE	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.77E+00	9.86E-08	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.03E-09	7.77E-08	6.09E-02	3.81E-05	1.17E-03	0.00E+00	1.01E-01	2.56E+01	2.33E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.33E+00	-2.25E-04	2.33E+00	5.32E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2E310FB	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.77E+00	1.05E-07	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.08E-09	7.77E-08	6.10E-02	3.93E-05	1.21E-03	0.00E+00	1.01E-01	2.56E+01	2.34E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.34E+00	-2.25E-04	2.34E+00	5.81E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2E310FE	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.77E+00	9.86E-08	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.03E-09	7.77E-08	6.09E-02	3.81E-05	1.17E-03	0.00E+00	1.01E-01	2.56E+01	2.33E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.33E+00	-2.25E-04	2.33E+00	5.32E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2E312DB	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.77E+00	1.05E-07	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.08E-09	7.77E-08	6.10E-02	3.93E-05	1.21E-03	0.00E+00	1.01E-01	2.56E+01	2.34E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.34E+00	-2.25E-04	2.34E+00	5.81E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2E312DE	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.77E+00	9.86E-08	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.03E-09	7.77E-08	6.09E-02	3.81E-05	1.17E-03	0.00E+00	1.01E-01	2.56E+01	2.33E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.33E+00	-2.25E-04	2.33E+00	5.32E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2E312FB	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.77E+00	1.05E-07	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.08E-09	7.77E-08	6.10E-02	3.93E-05	1.21E-03	0.00E+00	1.01E-01	2.56E+01	2.34E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.34E+00	-2.25E-04	2.34E+00	5.81E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2E312FE	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.77E+00	9.86E-08	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.03E-09	7.77E-08	6.09E-02	3.81E-05	1.17E-03	0.00E+00	1.01E-01	2.56E+01	2.33E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.33E+00	-2.25E-04	2.33E+00	5.32E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2E316DB	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.77E+00	1.05E-07	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.08E-09	7.77E-08	6.10E-02	3.93E-05	1.21E-03	0.00E+00	1.01E-01	2.56E+01	2.34E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.34E+00	-2.25E-04	2.34E+00	5.81E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2E316DE	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.77E+00	9.86E-08	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.03E-09	7.77E-08	6.09E-02	3.81E-05	1.17E-03	0.00E+00	1.01E-01	2.56E+01	2.33E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.33E+00	-2.25E-04	2.33E+00	5.32E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2E316FB	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.77E+00	1.05E-07	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.08E-09	7.77E-08	6.10E-02	3.93E-05	1.21E-03	0.00E+00	1.01E-01	2.56E+01	2.34E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.34E+00	-2.25E-04	2.34E+00	5.81E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2E316FE	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.77E+00	9.86E-08	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.03E-09	7.77E-08	6.09E-02	3.81E-05	1.17E-03	0.00E+00	1.01E-01	2.56E+01	2.33E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.33E+00	-2.25E-04	2.33E+00	5.32E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2E320DB	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.77E+00	1.05E-07	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.08E-09	7.77E-08	6.10E-02	3.93E-05	1.21E-03	0.00E+00	1.01E-01	2.56E+01	2.34E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.34E+00	-2.25E-04	2.34E+00	5.81E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2E320DE	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.77E+00	9.86E-08	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.03E-09	7.77E-08	6.09E-02	3.81E-05	1.17E-03	0.00E+00	1.01E-01	2.56E+01	2.33E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.33E+00	-2.25E-04	2.33E+00	5.32E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2E320FB	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.77E+00	1.05E-07	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.08E-09	7.77E-08	6.10E-02	3.93E-05	1.21E-03	0.00E+00	1.01E-01	2.56E+01	2.34E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.34E+00	-2.25E-04	2.34E+00	5.81E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2E320FE	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.77E+00	9.86E-08	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.03E-09	7.77E-08	6.09E-02	3.81E-05	1.17E-03	0.00E+00	1.01E-01	2.56E+01	2.33E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.33E+00	-2.25E-04	2.33E+00	5.32E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2E325DB	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.77E+00	1.05E-07	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.08E-09	7.77E-08	6.10E-02	3.93E-05	1.21E-03	0.00E+00	1.01E-01	2.56E+01	2.34E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.34E+00	-2.25E-04	2.34E+00	5.81E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2E325DE	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.77E+00	9.86E-08	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.03E-09	7.77E-08	6.09E-02	3.81E-05	1.17E-03	0.00E+00	1.01E-01	2.56E+01	2.33E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.33E+00	-2.25E-04	2.33E+00	5.32E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2E325FB	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.77E+00	1.05E-07	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.08E-09	7.77E-08	6.10E-02	3.93E-05	1.21E-03	0.00E+00	1.01E-01	2.56E+01	2.34E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.34E+00	-2.25E-04	2.34E+00	5.81E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2E325FE	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.77E+00	9.86E-08	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.03E-09	7.77E-08	6.09E-02	3.81E-05	1.17E-03	0.00E+00	1.01E-01	2.56E+01	2.33E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.33E+00	-2.25E-04	2.33E+00	5.32E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2E406DB	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.78E+00	1.07E-07	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.10E-09	7.77E-08	6.10E-02	3.97E-05	1.22E-03	0.00E+00	1.01E-01	2.56E+01	2.34E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.34E+00	-2.25E-04	2.34E+00	5.97E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2E406DE	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.77E+00	9.86E-08	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.03E-09	7.77E-08	6.09E-02	3.81E-05	1.17E-03	0.00E+00	1.01E-01	2.56E+01	2.33E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.33E+00	-2.25E-04	2.33E+00	5.32E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2E406FB	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.78E+00	1.07E-07	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.10E-09	7.77E-08	6.10E-02	3.97E-05	1.22E-03	0.00E+00	1.01E-01	2.56E+01	2.34E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.34E+00	-2.25E-04	2.34E+00	5.97E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2E406FE	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.77E+00	9.86E-08	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.03E-09	7.77E-08	6.09E-02	3.81E-05	1.17E-03	0.00E+00	1.01E-01	2.56E+01	2.33E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.33E+00	-2.25E-04	2.33E+00	5.32E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2E408DB	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.78E+00	1.07E-07	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.10E-09	7.77E-08	6.10E-02	3.97E-05	1.22E-03	0.00E+00	1.01E-01	2.56E+01	2.34E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.34E+00	-2.25E-04	2.34E+00	5.97E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2E408DE	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.77E+00	9.86E-08	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.03E-09	7.77E-08	6.09E-02	3.81E-05	1.17E-03	0.00E+00	1.01E-01	2.56E+01	2.33E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.33E+00	-2.25E-04	2.33E+00	5.32E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2E408FB	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.78E+00	1.07E-07	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.10E-09	7.77E-08	6.10E-02	3.97E-05	1.22E-03	0.00E+00	1.01E-01	2.56E+01	2.34E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.34E+00	-2.25E-04	2.34E+00	5.97E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2E408FE	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.77E+00	9.86E-08	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.03E-09	7.77E-08	6.09E-02	3.81E-05	1.17E-03	0.00E+00	1.01E-01	2.56E+01	2.33E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.33E+00	-2.25E-04	2.33E+00	5.32E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2E410DB	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.78E+00	1.07E-07	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.10E-09	7.77E-08	6.10E-02	3.97E-05	1.22E-03	0.00E+00	1.01E-01	2.56E+01	2.34E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.34E+00	-2.25E-04	2.34E+00	5.97E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2E410DE	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.77E+00	9.86E-08	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.03E-09	7.77E-08	6.09E-02	3.81E-05	1.17E-03	0.00E+00	1.01E-01	2.56E+01	2.33E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.33E+00	-2.25E-04	2.33E+00	5.32E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2E410FB	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.78E+00	1.07E-07	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.10E-09	7.77E-08	6.10E-02	3.97E-05	1.22E-03	0.00E+00	1.01E-01	2.56E+01	2.34E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.34E+00	-2.25E-04	2.34E+00	5.97E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2E410FE	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.77E+00	9.86E-08	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.03E-09	7.77E-08	6.09E-02	3.81E-05	1.17E-03	0.00E+00	1.01E-01	2.56E+01	2.33E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.33E+00	-2.25E-04	2.33E+00	5.32E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2E412DB	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.78E+00	1.07E-07	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.10E-09	7.77E-08	6.10E-02	3.97E-05	1.22E-03	0.00E+00	1.01E-01	2.56E+01	2.34E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.34E+00	-2.25E-04	2.34E+00	5.97E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2E412DE	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.77E+00	9.86E-08	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.03E-09	7.77E-08	6.09E-02	3.81E-05	1.17E-03	0.00E+00	1.01E-01	2.56E+01	2.33E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.33E+00	-2.25E-04	2.33E+00	5.32E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2E412FB	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.78E+00	1.07E-07	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.10E-09	7.77E-08	6.10E-02	3.97E-05	1.22E-03	0.00E+00	1.01E-01	2.56E+01	2.34E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.34E+00	-2.25E-04	2.34E+00	5.97E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2E412FE	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.77E+00	9.86E-08	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.03E-09	7.77E-08	6.09E-02	3.81E-05	1.17E-03	0.00E+00	1.01E-01	2.56E+01	2.33E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.33E+00	-2.25E-04	2.33E+00	5.32E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2E416DB	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.78E+00	1.07E-07	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.10E-09	7.77E-08	6.10E-02	3.97E-05	1.22E-03	0.00E+00	1.01E-01	2.56E+01	2.34E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.34E+00	-2.25E-04	2.34E+00	5.97E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2E416DE	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.77E+00

HW2M408DE	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.78E+00	9.86E-08	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.03E-09	7.77E-08	6.09E-02	3.81E-05	1.17E-03	0.00E+00	1.01E-01	2.56E+01	2.33E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.33E+00	-2.25E-04	2.33E+00	5.32E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2M408FB	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.78E+00	1.07E-07	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.10E-09	7.77E-08	6.10E-02	3.97E-05	1.22E-03	0.00E+00	1.01E-01	2.56E+01	2.34E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.34E+00	-2.25E-04	2.34E+00	5.97E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2M408FE	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.78E+00	9.86E-08	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.03E-09	7.77E-08	6.09E-02	3.81E-05	1.17E-03	0.00E+00	1.01E-01	2.56E+01	2.33E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.33E+00	-2.25E-04	2.33E+00	5.32E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2M410DB	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.78E+00	1.07E-07	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.10E-09	7.77E-08	6.10E-02	3.97E-05	1.22E-03	0.00E+00	1.01E-01	2.56E+01	2.34E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.34E+00	-2.25E-04	2.34E+00	5.97E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2M410DE	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.78E+00	9.86E-08	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.03E-09	7.77E-08	6.09E-02	3.81E-05	1.17E-03	0.00E+00	1.01E-01	2.56E+01	2.33E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.33E+00	-2.25E-04	2.33E+00	5.32E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2M410FB	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.78E+00	1.07E-07	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.10E-09	7.77E-08	6.10E-02	3.97E-05	1.22E-03	0.00E+00	1.01E-01	2.56E+01	2.34E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.34E+00	-2.25E-04	2.34E+00	5.97E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2M410FE	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.78E+00	9.86E-08	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.03E-09	7.77E-08	6.09E-02	3.81E-05	1.17E-03	0.00E+00	1.01E-01	2.56E+01	2.33E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.33E+00	-2.25E-04	2.33E+00	5.32E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2M412DB	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.78E+00	1.07E-07	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.10E-09	7.77E-08	6.10E-02	3.97E-05	1.22E-03	0.00E+00	1.01E-01	2.56E+01	2.34E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.34E+00	-2.25E-04	2.34E+00	5.97E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2M412DE	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.78E+00	9.86E-08	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.03E-09	7.77E-08	6.09E-02	3.81E-05	1.17E-03	0.00E+00	1.01E-01	2.56E+01	2.33E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.33E+00	-2.25E-04	2.33E+00	5.32E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2M412FB	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.78E+00	1.07E-07	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.10E-09	7.77E-08	6.10E-02	3.97E-05	1.22E-03	0.00E+00	1.01E-01	2.56E+01	2.34E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.34E+00	-2.25E-04	2.34E+00	5.97E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2M412FE	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.78E+00	9.86E-08	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.03E-09	7.77E-08	6.09E-02	3.81E-05	1.17E-03	0.00E+00	1.01E-01	2.56E+01	2.33E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.33E+00	-2.25E-04	2.33E+00	5.32E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2M416DB	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.78E+00	1.07E-07	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.10E-09	7.77E-08	6.10E-02	3.97E-05	1.22E-03	0.00E+00	1.01E-01	2.56E+01	2.34E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.34E+00	-2.25E-04	2.34E+00	5.97E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2M416DE	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.78E+00	9.86E-08	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.03E-09	7.77E-08	6.09E-02	3.81E-05	1.17E-03	0.00E+00	1.01E-01	2.56E+01	2.33E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.33E+00	-2.25E-04	2.33E+00	5.32E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2M416FB	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.78E+00	1.07E-07	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.10E-09	7.77E-08	6.10E-02	3.97E-05	1.22E-03	0.00E+00	1.01E-01	2.56E+01	2.34E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.34E+00	-2.25E-04	2.34E+00	5.97E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2M416FE	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.78E+00	9.86E-08	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.03E-09	7.77E-08	6.09E-02	3.81E-05	1.17E-03	0.00E+00	1.01E-01	2.56E+01	2.33E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.33E+00	-2.25E-04	2.33E+00	5.32E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2M420DB	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.78E+00	1.07E-07	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.10E-09	7.77E-08	6.10E-02	3.97E-05	1.22E-03	0.00E+00	1.01E-01	2.56E+01	2.34E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.34E+00	-2.25E-04	2.34E+00	5.97E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2M420DE	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.78E+00	9.86E-08	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.03E-09	7.77E-08	6.09E-02	3.81E-05	1.17E-03	0.00E+00	1.01E-01	2.56E+01	2.33E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.33E+00	-2.25E-04	2.33E+00	5.32E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2M420FB	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.78E+00	1.07E-07	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.10E-09	7.77E-08	6.10E-02	3.97E-05	1.22E-03	0.00E+00	1.01E-01	2.56E+01	2.34E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.34E+00	-2.25E-04	2.34E+00	5.97E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2M420FE	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.78E+00	9.86E-08	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.03E-09	7.77E-08	6.09E-02	3.81E-05	1.17E-03	0.00E+00	1.01E-01	2.56E+01	2.33E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.33E+00	-2.25E-04	2.33E+00	5.32E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2M425DB	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.78E+00	1.07E-07	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.10E-09	7.77E-08	6.10E-02	3.97E-05	1.22E-03	0.00E+00	1.01E-01	2.56E+01	2.34E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.34E+00	-2.25E-04	2.34E+00	5.97E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2M425DE	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.78E+00	9.86E-08	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.03E-09	7.77E-08	6.09E-02	3.81E-05	1.17E-03	0.00E+00	1.01E-01	2.56E+01	2.33E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.33E+00	-2.25E-04	2.33E+00	5.32E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2M425FB	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.78E+00	1.07E-07	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.10E-09	7.77E-08	6.10E-02	3.97E-05	1.22E-03	0.00E+00	1.01E-01	2.56E+01	2.34E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.34E+00	-2.25E-04	2.34E+00	5.97E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2M425FE	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.78E+00	9.86E-08	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.03E-09	7.77E-08	6.09E-02	3.81E-05	1.17E-03	0.00E+00	1.01E-01	2.56E+01	2.33E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.33E+00	-2.25E-04	2.33E+00	5.32E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2S306DB	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.78E+00	1.05E-07	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.08E-09	7.77E-08	6.10E-02	3.93E-05	1.21E-03	0.00E+00	1.01E-01	2.56E+01	2.34E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.34E+00	-2.25E-04	2.34E+00	5.81E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2S306DE	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.78E+00	9.86E-08	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.03E-09	7.77E-08	6.09E-02	3.81E-05	1.17E-03	0.00E+00	1.01E-01	2.56E+01	2.33E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.33E+00	-2.25E-04	2.33E+00	5.32E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2S306FB	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.78E+00	1.05E-07	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.08E-09	7.77E-08	6.10E-02	3.93E-05	1.21E-03	0.00E+00	1.01E-01	2.56E+01	2.34E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.34E+00	-2.25E-04	2.34E+00	5.81E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2S306FE	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.78E+00	9.86E-08	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.03E-09	7.77E-08	6.09E-02	3.81E-05	1.17E-03	0.00E+00	1.01E-01	2.56E+01	2.33E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.33E+00	-2.25E-04	2.33E+00	5.32E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2S308DB	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.78E+00	1.05E-07	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.08E-09	7.77E-08	6.10E-02	3.93E-05	1.21E-03	0.00E+00	1.01E-01	2.56E+01	2.34E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.34E+00	-2.25E-04	2.34E+00	5.81E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2S308DE	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.78E+00	9.86E-08	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.03E-09	7.77E-08	6.09E-02	3.81E-05	1.17E-03	0.00E+00	1.01E-01	2.56E+01	2.33E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.33E+00	-2.25E-04	2.33E+00	5.32E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2S308FB	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.78E+00	1.05E-07	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.08E-09	7.77E-08	6.10E-02	3.93E-05	1.21E-03	0.00E+00	1.01E-01	2.56E+01	2.34E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.34E+00	-2.25E-04	2.34E+00	5.81E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2S308FE	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.78E+00	9.86E-08	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.03E-09	7.77E-08	6.09E-02	3.81E-05	1.17E-03	0.00E+00	1.01E-01	2.56E+01	2.33E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.33E+00	-2.25E-04	2.33E+00	5.32E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2S310DB	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.78E+00	1.05E-07	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.08E-09	7.77E-08	6.10E-02	3.93E-05	1.21E-03	0.00E+00	1.01E-01	2.56E+01	2.34E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.34E+00	-2.25E-04	2.34E+00	5.81E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2S310DE	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.78E+00	9.86E-08	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.03E-09	7.77E-08	6.09E-02	3.81E-05	1.17E-03	0.00E+00	1.01E-01	2.56E+01	2.33E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.33E+00	-2.25E-04	2.33E+00	5.32E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2S310FB	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.78E+00	1.05E-07	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.08E-09	7.77E-08	6.10E-02	3.93E-05	1.21E-03	0.00E+00	1.01E-01	2.56E+01	2.34E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.34E+00	-2.25E-04	2.34E+00	5.81E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2S310FE	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.78E+00	9.86E-08	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.03E-09	7.77E-08	6.09E-02	3.81E-05	1.17E-03	0.00E+00	1.01E-01	2.56E+01	2.33E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.33E+00	-2.25E-04	2.33E+00	5.32E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2S312DB	8.55E-03	2.49E+01	1.57E+01	9.26E+00	0.00E+00	0.00E+00	2.70E+00	3.86E-08	5.37E-03	6.42E-02	0.00E+00	-1.94E+00	1.55E-09	7.77E-08	6.03E-02	2.64E-05	8.14E-04	0.00E+00	1.01E-01	2.56E+01	2.29E+00	0.00E+00	3.96E-08	-1.43E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.29E+00	-2.25E-04	2.29E+00	6.13E-03	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2S312DE	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.78E+00	9.86E-08	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.03E-09	7.77E-08	6.09E-02	3.81E-05	1.17E-03	0.00E+00	1.01E-01	2.56E+01	2.33E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.33E+00	-2.25E-04	2.33E+00	5.32E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2S312FB	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.78E+00	1.05E-07	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.08E-09	7.77E-08	6.10E-02	3.93E-05	1.21E-03	0.00E+00	1.01E-01	2.56E+01	2.34E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.34E+00	-2.25E-04	2.34E+00	5.81E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2S312FE	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.78E+00	9.86E-08	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.03E-09	7.77E-08	6.09E-02	3.81E-05	1.17E-03	0.00E+00	1.01E-01	2.56E+01	2.33E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.33E+00	-2.25E-04	2.33E+00	5.32E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2S316DB	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.78E+00	1.05E-07	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.08E-09	7.77E-08	6.10E-02	3.93E-05	1.21E-03	0.00E+00	1.01E-01	2.56E+01	2.34E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.34E+00	-2.25E-04	2.34E+00	5.81E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2S316DE	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.78E+00	9.86E-08	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.03E-09	7.77E-08	6.09E-02	3.81E-05	1.17E-03	0.00E+00	1.01E-01	2.56E+01	2.33E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.33E+00	-2.25E-04	2.33E+00	5.32E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2S316FB	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.78E+00	1.05E-07	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.08E-09	7.77E-08	6.10E-02	3.93E-05	1.21E-03	0.00E+00	1.01E-01	2.56E+01	2.34E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.34E+00	-2.25E-04	2.34E+00	5.81E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2S316FE	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.78E+00	9.86E-08	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.03E-09	7.77E-08	6.09E-02	3.81E-05	1.17E-03	0.00E+00	1.01E-01	2.56E+01	2.33E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.33E+00	-2.25E-04	2.33E+00	5.32E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2S320DB	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.78E+00	1.05E-07	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.08E-09	7.77E-08	6.10E-02	3.93E-05	1.21E-03	0.00E+00	1.01E-01	2.56E+01	2.34E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.34E+00	-2.25E-04	2.34E+00	5.81E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2S320DE	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.78E+00	9.86E-08	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.03E-09	7.77E-08	6.09E-02	3.81E-05	1.17E-03	0.00E+00	1.01E-01	2.56E+01	2.33E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.33E+00	-2.25E-04	2.33E+00	5.32E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2S320FB	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.78E+00	1.05E-07	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.08E-09	7.77E-08	6.10E-02	3.93E-05	1.21E-03	0.00E+00	1.01E-01	2.56E+01	2.34E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.34E+00	-2.25E-04	2.34E+00	5.81E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2S320FE	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.78E+00	9.86E-08

HW2W320FS	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.77E+00	1.05E-07	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.08E-09	7.77E-08	6.10E-02	3.93E-05	1.21E-03	0.00E+00	1.01E-01	2.56E+01	2.34E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.34E+00	-2.25E-04	2.34E+00	5.79E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2W325DS	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.77E+00	1.05E-07	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.08E-09	7.77E-08	6.10E-02	3.93E-05	1.21E-03	0.00E+00	1.01E-01	2.56E+01	2.34E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.34E+00	-2.25E-04	2.34E+00	5.79E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2W325FS	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.77E+00	1.05E-07	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.08E-09	7.77E-08	6.10E-02	3.93E-05	1.21E-03	0.00E+00	1.01E-01	2.56E+01	2.34E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.34E+00	-2.25E-04	2.34E+00	5.79E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2W406DS	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.77E+00	1.05E-07	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.08E-09	7.77E-08	6.10E-02	3.93E-05	1.21E-03	0.00E+00	1.01E-01	2.56E+01	2.34E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.34E+00	-2.25E-04	2.34E+00	5.79E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2W406FS	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.77E+00	1.05E-07	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.08E-09	7.77E-08	6.10E-02	3.93E-05	1.21E-03	0.00E+00	1.01E-01	2.56E+01	2.34E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.34E+00	-2.25E-04	2.34E+00	5.79E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2W408DS	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.77E+00	9.66E-08	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.03E-09	7.77E-08	6.09E-02	3.81E-05	1.17E-03	0.00E+00	1.01E-01	2.56E+01	2.33E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.33E+00	-2.25E-04	2.33E+00	5.32E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2W408FS	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.77E+00	9.66E-08	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.03E-09	7.77E-08	6.09E-02	3.81E-05	1.17E-03	0.00E+00	1.01E-01	2.56E+01	2.33E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.33E+00	-2.25E-04	2.33E+00	5.32E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2W410DS	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.77E+00	1.05E-07	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.08E-09	7.77E-08	6.10E-02	3.93E-05	1.21E-03	0.00E+00	1.01E-01	2.56E+01	2.34E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.34E+00	-2.25E-04	2.34E+00	5.79E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2W410FS	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.77E+00	1.05E-07	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.08E-09	7.77E-08	6.10E-02	3.93E-05	1.21E-03	0.00E+00	1.01E-01	2.56E+01	2.34E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.34E+00	-2.25E-04	2.34E+00	5.79E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2W412DS	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.77E+00	1.05E-07	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.08E-09	7.77E-08	6.10E-02	3.93E-05	1.21E-03	0.00E+00	1.01E-01	2.56E+01	2.34E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.34E+00	-2.25E-04	2.34E+00	5.79E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2W412FS	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.77E+00	1.05E-07	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.08E-09	7.77E-08	6.10E-02	3.93E-05	1.21E-03	0.00E+00	1.01E-01	2.56E+01	2.34E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.34E+00	-2.25E-04	2.34E+00	5.79E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2W416DS	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.77E+00	1.05E-07	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.08E-09	7.77E-08	6.10E-02	3.93E-05	1.21E-03	0.00E+00	1.01E-01	2.56E+01	2.34E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.34E+00	-2.25E-04	2.34E+00	5.79E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2W416FS	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.77E+00	1.05E-07	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.08E-09	7.77E-08	6.10E-02	3.93E-05	1.21E-03	0.00E+00	1.01E-01	2.56E+01	2.34E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.34E+00	-2.25E-04	2.34E+00	5.79E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2W420DS	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.77E+00	1.05E-07	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.08E-09	7.77E-08	6.10E-02	3.93E-05	1.21E-03	0.00E+00	1.01E-01	2.56E+01	2.34E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.34E+00	-2.25E-04	2.34E+00	5.79E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2W420FS	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.77E+00	1.05E-07	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.08E-09	7.77E-08	6.10E-02	3.93E-05	1.21E-03	0.00E+00	1.01E-01	2.56E+01	2.34E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.34E+00	-2.25E-04	2.34E+00	5.79E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2W425DS	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.77E+00	1.05E-07	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.08E-09	7.77E-08	6.10E-02	3.93E-05	1.21E-03	0.00E+00	1.01E-01	2.56E+01	2.34E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.34E+00	-2.25E-04	2.34E+00	5.79E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW2W425FS	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.77E+00	1.05E-07	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.08E-09	7.77E-08	6.10E-02	3.93E-05	1.21E-03	0.00E+00	1.01E-01	2.56E+01	2.34E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.34E+00	-2.25E-04	2.34E+00	5.79E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HF4P340DCKH-MTS	1.14E-02	4.92E+01	2.88E+01	2.03E+01	0.00E+00	0.00E+00	5.76E+01	8.15E-05	1.24E-02	4.89E-02	9.26E+00	7.71E-03	7.02E-08	2.26E-08	4.30E-02	4.55E-05	8.53E+00	8.53E+00	2.24E-02	2.02E+01	1.77E+01	0.00E+00	3.73E-08	5.14E-08	1.79E-02	3.98E-04	1.23E+02	0.00E+00	1.77E+01	5.09E-08	1.77E+01	1.41E+02	1.23E+02	0.00E+00	0.00E+00	0.00E+00	9.61E-01
HF4P340DEKH-MTS	1.15E-02	4.92E+01	2.88E+01	2.04E+01	0.00E+00	0.00E+00	5.79E+01	8.18E-05	1.25E-02	4.91E-02	9.26E+00	8.27E-03	7.27E-08	2.27E-08	4.65E-02	1.07E-04	8.53E+00	8.53E+00	2.24E-02	2.02E+01	1.79E+01	0.00E+00	3.76E-08	5.17E-08	1.79E-02	4.00E-04	1.23E+02	0.00E+00	1.79E+01	5.14E-08	1.79E+01	1.41E+02	1.23E+02	0.00E+00	0.00E+00	0.00E+00	9.63E-01
HF4P440DCKH-MTS	1.15E-02	4.92E+01	2.88E+01	2.04E+01	0.00E+00	0.00E+00	5.79E+01	8.18E-05	1.25E-02	4.91E-02	9.26E+00	8.15E-03	7.25E-08	2.27E-08	4.62E-02	1.01E-04	8.53E+00	8.53E+00	2.24E-02	2.02E+01	1.79E+01	0.00E+00	3.76E-08	5.17E-08	1.79E-02	3.99E-04	1.23E+02	0.00E+00	1.79E+01	4.38E-08	1.79E+01	1.41E+02	1.23E+02	0.00E+00	0.00E+00	0.00E+00	9.63E-01
HF4P440DEKH-MTS	1.15E-02	4.92E+01	2.88E+01	2.04E+01	0.00E+00	0.00E+00	5.79E+01	8.18E-05	1.25E-02	4.91E-02	9.26E+00	8.21E-03	7.28E-08	2.27E-08	4.65E-02	1.08E-04	8.53E+00	8.53E+00	2.24E-02	2.02E+01	1.79E+01	0.00E+00	3.76E-08	5.17E-08	1.79E-02	4.00E-04	1.23E+02	0.00E+00	1.79E+01	4.39E-08	1.79E+01	1.41E+02	1.23E+02	0.00E+00	0.00E+00	0.00E+00	9.63E-01
HF4W340DSAH-MTS	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.78E+00	1.06E-07	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.09E-09	7.77E-08	6.10E-02	3.95E-05	1.22E-03	0.00E+00	1.01E-01	2.56E+01	2.34E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.34E+00	-2.25E-04	2.34E+00	5.91E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HF4W440DSAH-MTS	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.78E+00	1.06E-07	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.09E-09	7.77E-08	6.10E-02	3.95E-05	1.22E-03	0.00E+00	1.01E-01	2.56E+01	2.34E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.34E+00	-2.25E-04	2.34E+00	5.91E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HF4P340FCKH-MTS	1.14E-02	4.92E+01	2.88E+01	2.03E+01	0.00E+00	0.00E+00	5.75E+01	8.15E-05	1.24E-02	4.89E-02	9.26E+00	7.69E-03	7.00E-08	2.26E-08	4.27E-02	3.99E-05	8.53E+00	8.53E+00	2.24E-02	2.02E+01	1.76E+01	0.00E+00	3.73E-08	5.13E-08	1.79E-02	3.98E-04	1.23E+02	0.00E+00	1.76E+01	5.49E-08	1.76E+01	1.41E+02	1.23E+02	0.00E+00	0.00E+00	0.00E+00	9.61E-01
HF4P340FEKH-MTS	1.15E-02	4.92E+01	2.88E+01	2.04E+01	0.00E+00	0.00E+00	5.79E+01	8.18E-05	1.25E-02	4.91E-02	9.26E+00	8.28E-03	7.27E-08	2.27E-08	4.65E-02	1.08E-04	8.53E+00	8.53E+00	2.24E-02	2.02E+01	1.79E+01	0.00E+00	3.76E-08	5.17E-08	1.79E-02	4.00E-04	1.23E+02	0.00E+00	1.79E+01	5.14E-08	1.79E+01	1.41E+02	1.23E+02	0.00E+00	0.00E+00	0.00E+00	9.63E-01
HF4P440FCKH-MTS	1.15E-02	4.92E+01	2.88E+01	2.04E+01	0.00E+00	0.00E+00	5.79E+01	8.18E-05	1.25E-02	4.91E-02	9.26E+00	8.15E-03	7.25E-08	2.27E-08	4.62E-02	1.01E-04	8.53E+00	8.53E+00	2.24E-02	2.02E+01	1.79E+01	0.00E+00	3.76E-08	5.17E-08	1.79E-02	3.99E-04	1.23E+02	0.00E+00	1.79E+01	4.38E-08	1.79E+01	1.41E+02	1.23E+02	0.00E+00	0.00E+00	0.00E+00	9.63E-01
HF4P440FEKH-MTS	1.15E-02	4.92E+01	2.88E+01	2.04E+01	0.00E+00	0.00E+00	5.79E+01	8.18E-05	1.25E-02	4.91E-02	9.26E+00	8.21E-03	7.28E-08	2.27E-08	4.65E-02	1.08E-04	8.53E+00	8.53E+00	2.24E-02	2.02E+01	1.79E+01	0.00E+00	3.76E-08	5.17E-08	1.79E-02	4.00E-04	1.23E+02	0.00E+00	1.79E+01	4.39E-08	1.79E+01	1.41E+02	1.23E+02	0.00E+00	0.00E+00	0.00E+00	9.63E-01
HF4W340FSAH-MTS	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.84E+00	1.69E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.60E-09	7.77E-08	6.17E-02	5.18E-05	1.60E-03	0.00E+00	1.01E-01	2.56E+01	2.38E+00	0.00E+00	3.97E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.38E+00	-2.25E-04	2.38E+00	1.09E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HF4W440FSAH-MTS	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.88E+00	2.05E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.89E-09	7.77E-08	6.21E-02	5.88E-05	1.81E-03	0.00E+00	1.01E-01	2.56E+01	2.41E+00	0.00E+00	3.98E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.41E+00	-2.25E-04	2.41E+00	1.37E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HF4W432FSAI-MTS	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.78E+00	1.06E-07	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.09E-09	7.77E-08	6.10E-02	3.95E-05	1.22E-03	0.00E+00	1.01E-01	2.56E+01	2.34E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.34E+00	-2.25E-04	2.34E+00	5.91E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HF4W440FSAI-MTS	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.78E+00	1.06E-07	5.38E-03	6.42E-02	0.00E+00	-1.94E+00	2.09E-09	7.77E-08	6.10E-02	3.95E-05	1.22E-03	0.00E+00	1.01E-01	2.56E+01	2.34E+00	0.00E+00	3.97E-08	-1.42E-08	1.30E-02	6.22E-04	-2.28E+00	0.00E+00	2.34E+00	-2.25E-04	2.34E+00	5.91E-02	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HF4S432FCJI-MTS	1.15E-02	4.92E+01	2.88E+01	2.04E+01	0.00E+00	0.00E+00	5.79E+01	8.18E-05	1.25E-02	4.91E-02	9.26E+00	8.28E-03	7.30E-08	2.27E-08	4.68E-02	1.13E-04	8.53E+00	8.53E+00	2.24E-02	2.02E+01	1.79E+01	0.00E+00	3.76E-08	5.18E-08	1.79E-02	4.00E-04	1.23E+02	0.00E+00	1.79E+01	4.39E-08	1.79E+01	1.41E+02	1.23E+02	0.00E+00	0.00E+00	0.00E+00	9.63E-01
HF4S440FCKI-MTS	1.15E-02	4.92E+01	2.88E+01	2.04E+01	0.00E+00	0.00E+00	5.80E+01	8.19E-05	1.25E-02	4.92E-02	9.26E+00	8.33E-03	7.33E-08	2.27E-08	4.72E-02	1.20E-04	8.53E+00	8.53E+00	2.24E-02	2.02E+01	1.79E+01	0.00E+00	3.76E-08	5.18E-08	1.79E-02	4.00E-04	1.23E+02	0.00E+00	1.79E+01	4.40E-08	1.79E+01	1.41E+02	1.23E+02	0.00E+00	0.00E+00	0.00E+00	9.64E-01
HW4P432FB	1.14E-02	4.92E+01	2.88E+01	2.03E+01	0.00E+00	0.00E+00	5.76E+01	8.16E-05	1.25E-02	4.89E-02	9.26E+00	7.99E-03	7.04E-08	2.26E-08	4.33E-02	5.20E-05	8.53E+00	8.53E+00	2.24E-02	2.02E+01	1.77E+01	0.00E+00	3.73E-08	5.14E-08	1.79E-02	3.98E-04	1.23E+02	0.00E+00	1.77E+01	7.36E-08	1.77E+01	1.41E+02	1.23E+02	0.00E+00	0.00E+00	0.00E+00	9.61E-01
HW4P432FE	1.14E-02	4.92E+01	2.88E+01	2.03E+01	0.00E+00	0.00E+00	5.76E+01	8.15E-05	1.24E-02	4.89E-02	9.26E+00	7.95E-03	7.04E-08	2.26E-08	4.32E-02	5.03E-05	8.53E+00	8.53E+00	2.24E-02	2.02E+01	1.77E+01	0.00E+00	3.73E-08	5.14E-08	1.79E-02	3.98E-04	1.23E+02	0.00E+00	1.77E+01	7.36E-08	1.77E+01	1.41E+02	1.23E+02	0.00E+00	0.00E+00	0.00E+00	9.61E-01
HW4P440DB	1.14E-02	4.92E+01	2.88E+01	2.03E+01	0.00E+00	0.00E+00	5.76E+01	8.16E-05	1.25E-02	4.89E-02	9.26E+00	7.99E-03	7.04E-08	2.26E-08	4.33E-02	5.20E-05	8.53E+00	8.53E+00	2.24E-02	2.02E+01	1.77E+01	0.00E+00	3.73E-08	5.14E-08	1.79E-02	3.98E-04	1.23E+02	0.00E+00	1.77E+01	7.36E-08	1.77E+01	1.41E+02	1.23E+02	0.00E+00	0.00E+00	0.00E+00	9.61E-01
HW4P440DE	1.14E-02	4.92E+01	2.88E+01	2.03E+01	0.00E+00	0.00E+00	5.76E+01	8.15E-05	1.24E-02	4.89E-02	9.26E+00	7.95E-03	7.04E-08	2.26E-08	4.32E-02	5.03E-05	8.53E+00	8.53E+00	2.24E-02	2.02E+01	1.77E+01	0.00E+00	3.73E-08	5.14E-08	1.79E-02	3.98E-04	1.23E+02	0.00E+00	1.77E+01	7.36E-08	1.77E+01	1.41E+02	1.23E+02	0.00E+00	0.00E+00	0.00E+00	9.61E-01
HW4P440FB	1.14E-02	4.92E+01	2.88E+01	2.03E+01	0.00E+00	0.00E+00	5.76E+01	8.16E-05	1.25E-02	4.89E-02	9.26E+00	7.99E-03	7.04E-08	2.26E-08	4.33E-02	5.20E-05	8.53E+00	8.53E+00	2.24E-02	2.02E+01	1.77E+01	0.00E+00	3.73E-08	5.14E-08	1.79E-02	3.98E-04	1.23E+02	0.00E+00	1.77E+01	7.36E-08	1.77E+01	1.41E+02	1.23E+02	0.00E+00	0.00E+00	0.00E+00	9.61E-01
HW4P440FE	1.14E-02	4.92E+01	2.88E+01	2.03E+01	0.00E+00	0.00E+00	5.76E+01	8.15E-05	1.24E-02	4.89E-02	9.26E+00	7.95E-03	7.04E-08	2.26E-08	4.32E-02	5.03E-05	8.53E+00	8.53E+00	2.24E-02	2.02E+01	1.77E+01	0.00E+00	3.73E-08	5.14E-08	1.79E-02	3.98E-04	1.23E+02	0.00E+00	1.77E+01	7.36E-08	1.77E+01	1.41E+02	1.23E+02	0.00E+00	0.00E+00	0.00E+00	9.61E-01
HW4S310DB	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.85E+00	1.81E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.66E-09	7.77E-08	6.19E-02	5.34E-05	1.80E-03	1.76E-04	1.01E-01	2.56E+01	2.39E+00	0.00E+00	3.98E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.39E+00	-2.25E-04	2.39E+00	1.17E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4S310DE	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.83E+00	1.62E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.54E-09	7.77E-08	6.16E-02	5.03E-05	1.55E-03	0.00E+00	1.01E-01	2.56E+01	2.38E+00	0.00E+00	3.97E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.38E+00	-2.25E-04	2.38E+00	1.03E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4S310FB	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.85E+00	1.81E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.66E-09	7.77E-08	6.19E-02	5.34E-05	1.80E-03	1.76E-04	1.01E-01	2.56E+01	2.39E+00	0.00E+00	3.98E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.39E+00	-2.25E-04	2.39E+00	1.17E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4S310FE	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.83E+00	1.62E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.54E-09	7.77E-08	6.16E-02	5.03E-05	1.55E-03	0.00E+00	1.01E-01	2.56E+01	2.38E+00	0.00E+00	3.97E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.38E+00	-2.25E-04	2.38E+00	1.03E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4W416FS	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.83E+00	1.62E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.54E-09	7.77E-08	6.16E-02	5.03E-05	1.55E-03	0.00E+00	1.01E-01	2.56E+01	2.38E+00	0.00E+00	3.97E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.38E+00	-2.25E-04	2.38E+00	1.03E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4W420DS	8.56E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.83E+00	1.62E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.54E-09	7.77E-08	6.16E-02	5.03E-05	1.55E-03	0.00E+00	1.01E-01	2.56E+01	2.38E+00	0.00E+00	3.97E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.38E+00	-2.25E-04	2.38E+00	1.03E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4P340FB	1.14E-02	4.92E+01	2.88E+01	2.03E+01	0.00E+00	0.00E+00	5.76E+01	8.16E-05	1.25E-02	4.89E-02	9.26E+00	7.99E-03	7.04E-08	2.26E-08	4.32E-02	5.16E-05	8.53E+00	8.53E+00	2.24E-02	2.02E+01	1.77E+01	0.00E+00	3.73E-08	5.14E-08	1.79E-02	3.98E-04	1.23E+02	0.00E+00	1.77E+01	7.36E-08	1.77E+01	1.41E+02	1.23E+02	0.00E+

HW4S440FE	1.14E-02	4.92E-01	2.88E+01	2.03E+01	0.00E+00	0.00E+00	5.76E+01	8.15E-05	1.24E-02	4.89E-02	9.26E+00	7.95E-03	7.04E-08	2.26E-08	4.32E-02	5.03E-05	8.53E+00	8.53E+00	2.24E-02	2.02E+01	1.77E+01	0.00E+00	3.73E-08	5.14E-08	1.79E-02	3.98E-04	1.23E+02	0.00E+00	1.77E+01	7.36E-08	1.77E+01	1.41E+02	1.23E+02	0.00E+00	0.00E+00	0.00E+00	9.61E-01
HW4W310DS	8.58E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.84E+00	1.68E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.59E-09	7.77E-08	6.17E-02	5.15E-05	1.59E-03	0.00E+00	1.01E-01	2.56E+01	2.38E+00	0.00E+00	3.97E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.38E+00	-2.25E-04	2.38E+00	1.07E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4W310FS	8.58E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.84E+00	1.68E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.59E-09	7.77E-08	6.17E-02	5.15E-05	1.59E-03	0.00E+00	1.01E-01	2.56E+01	2.38E+00	0.00E+00	3.97E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.38E+00	-2.25E-04	2.38E+00	1.07E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4W312DS	8.58E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.83E+00	1.62E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.54E-09	7.77E-08	6.16E-02	5.03E-05	1.55E-03	0.00E+00	1.01E-01	2.56E+01	2.38E+00	0.00E+00	3.97E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.38E+00	-2.25E-04	2.38E+00	1.03E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4W312FS	8.58E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.83E+00	1.62E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.54E-09	7.77E-08	6.16E-02	5.03E-05	1.55E-03	0.00E+00	1.01E-01	2.56E+01	2.38E+00	0.00E+00	3.97E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.38E+00	-2.25E-04	2.38E+00	1.03E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4W316DS	8.58E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.83E+00	1.62E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.54E-09	7.77E-08	6.16E-02	5.03E-05	1.55E-03	0.00E+00	1.01E-01	2.56E+01	2.38E+00	0.00E+00	3.97E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.38E+00	-2.25E-04	2.38E+00	1.03E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4W316FS	8.58E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.83E+00	1.62E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.54E-09	7.77E-08	6.16E-02	5.03E-05	1.55E-03	0.00E+00	1.01E-01	2.56E+01	2.38E+00	0.00E+00	3.97E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.38E+00	-2.25E-04	2.38E+00	1.03E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4W320DS	8.58E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.83E+00	1.62E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.54E-09	7.77E-08	6.16E-02	5.03E-05	1.55E-03	0.00E+00	1.01E-01	2.56E+01	2.38E+00	0.00E+00	3.97E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.38E+00	-2.25E-04	2.38E+00	1.03E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4W320FS	8.58E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.83E+00	1.62E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.54E-09	7.77E-08	6.16E-02	5.03E-05	1.55E-03	0.00E+00	1.01E-01	2.56E+01	2.38E+00	0.00E+00	3.97E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.38E+00	-2.25E-04	2.38E+00	1.03E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4P325DB	8.58E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.85E+00	1.81E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.66E-09	7.77E-08	6.19E-02	5.34E-05	1.80E-03	1.76E-04	1.01E-01	2.56E+01	2.39E+00	0.00E+00	3.98E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.39E+00	-2.25E-04	2.39E+00	1.17E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4P325DE	8.58E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.83E+00	1.62E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.54E-09	7.77E-08	6.16E-02	5.03E-05	1.55E-03	0.00E+00	1.01E-01	2.56E+01	2.38E+00	0.00E+00	3.97E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.38E+00	-2.25E-04	2.38E+00	1.03E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4P325FB	8.58E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.85E+00	1.81E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.66E-09	7.77E-08	6.19E-02	5.34E-05	1.80E-03	1.76E-04	1.01E-01	2.56E+01	2.39E+00	0.00E+00	3.98E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.39E+00	-2.25E-04	2.39E+00	1.17E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4P325FE	8.58E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.83E+00	1.62E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.54E-09	7.77E-08	6.16E-02	5.03E-05	1.55E-03	0.00E+00	1.01E-01	2.56E+01	2.38E+00	0.00E+00	3.97E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.38E+00	-2.25E-04	2.38E+00	1.03E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4P332DB	1.14E-02	4.92E-01	2.88E+01	2.03E+01	0.00E+00	0.00E+00	5.76E+01	8.16E-05	1.25E-02	4.89E-02	9.26E+00	7.95E-03	7.04E-08	2.26E-08	4.32E-02	5.16E-05	8.53E+00	8.53E+00	2.24E-02	2.02E+01	1.77E+01	0.00E+00	3.73E-08	5.14E-08	1.79E-02	3.98E-04	1.23E+02	0.00E+00	1.77E+01	7.36E-08	1.77E+01	1.41E+02	1.23E+02	0.00E+00	0.00E+00	0.00E+00	9.61E-01
HW4P332DE	1.14E-02	4.92E-01	2.88E+01	2.03E+01	0.00E+00	0.00E+00	5.76E+01	8.15E-05	1.24E-02	4.89E-02	9.26E+00	7.95E-03	7.04E-08	2.26E-08	4.32E-02	5.03E-05	8.53E+00	8.53E+00	2.24E-02	2.02E+01	1.77E+01	0.00E+00	3.73E-08	5.14E-08	1.79E-02	3.98E-04	1.23E+02	0.00E+00	1.77E+01	7.36E-08	1.77E+01	1.41E+02	1.23E+02	0.00E+00	0.00E+00	0.00E+00	9.61E-01
HW4P332FB	1.14E-02	4.92E-01	2.88E+01	2.03E+01	0.00E+00	0.00E+00	5.76E+01	8.16E-05	1.25E-02	4.89E-02	9.26E+00	7.95E-03	7.04E-08	2.26E-08	4.32E-02	5.16E-05	8.53E+00	8.53E+00	2.24E-02	2.02E+01	1.77E+01	0.00E+00	3.73E-08	5.14E-08	1.79E-02	3.98E-04	1.23E+02	0.00E+00	1.77E+01	7.36E-08	1.77E+01	1.41E+02	1.23E+02	0.00E+00	0.00E+00	0.00E+00	9.61E-01
HW4P332FE	1.14E-02	4.92E-01	2.88E+01	2.03E+01	0.00E+00	0.00E+00	5.76E+01	8.15E-05	1.24E-02	4.89E-02	9.26E+00	7.95E-03	7.04E-08	2.26E-08	4.32E-02	5.03E-05	8.53E+00	8.53E+00	2.24E-02	2.02E+01	1.77E+01	0.00E+00	3.73E-08	5.14E-08	1.79E-02	3.98E-04	1.23E+02	0.00E+00	1.77E+01	7.36E-08	1.77E+01	1.41E+02	1.23E+02	0.00E+00	0.00E+00	0.00E+00	9.61E-01
HW4P425DE	8.58E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.83E+00	1.62E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.54E-09	7.77E-08	6.16E-02	5.03E-05	1.55E-03	0.00E+00	1.01E-01	2.56E+01	2.38E+00	0.00E+00	3.97E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.38E+00	-2.25E-04	2.38E+00	1.03E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4P340DB	1.14E-02	4.92E-01	2.88E+01	2.03E+01	0.00E+00	0.00E+00	5.76E+01	8.16E-05	1.25E-02	4.89E-02	9.26E+00	7.95E-03	7.04E-08	2.26E-08	4.32E-02	5.16E-05	8.53E+00	8.53E+00	2.24E-02	2.02E+01	1.77E+01	0.00E+00	3.73E-08	5.14E-08	1.79E-02	3.98E-04	1.23E+02	0.00E+00	1.77E+01	7.36E-08	1.77E+01	1.41E+02	1.23E+02	0.00E+00	0.00E+00	0.00E+00	9.61E-01
HW4P340DE	1.14E-02	4.92E-01	2.88E+01	2.03E+01	0.00E+00	0.00E+00	5.76E+01	8.15E-05	1.24E-02	4.89E-02	9.26E+00	7.95E-03	7.04E-08	2.26E-08	4.32E-02	5.03E-05	8.53E+00	8.53E+00	2.24E-02	2.02E+01	1.77E+01	0.00E+00	3.73E-08	5.14E-08	1.79E-02	3.98E-04	1.23E+02	0.00E+00	1.77E+01	7.36E-08	1.77E+01	1.41E+02	1.23E+02	0.00E+00	0.00E+00	0.00E+00	9.61E-01
HW4W325DS	8.58E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.83E+00	1.62E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.54E-09	7.77E-08	6.16E-02	5.03E-05	1.55E-03	0.00E+00	1.01E-01	2.56E+01	2.38E+00	0.00E+00	3.97E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.38E+00	-2.25E-04	2.38E+00	1.03E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4W325FS	8.58E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.83E+00	1.62E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.54E-09	7.77E-08	6.16E-02	5.03E-05	1.55E-03	0.00E+00	1.01E-01	2.56E+01	2.38E+00	0.00E+00	3.97E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.38E+00	-2.25E-04	2.38E+00	1.03E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4W332DS	8.58E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.84E+00	1.68E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.59E-09	7.77E-08	6.17E-02	5.15E-05	1.59E-03	0.00E+00	1.01E-01	2.56E+01	2.38E+00	0.00E+00	3.97E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.38E+00	-2.25E-04	2.38E+00	1.07E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4W332FS	8.58E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.84E+00	1.68E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.59E-09	7.77E-08	6.17E-02	5.15E-05	1.59E-03	0.00E+00	1.01E-01	2.56E+01	2.38E+00	0.00E+00	3.97E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.38E+00	-2.25E-04	2.38E+00	1.07E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4W340DS	8.58E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.84E+00	1.68E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.59E-09	7.77E-08	6.17E-02	5.15E-05	1.59E-03	0.00E+00	1.01E-01	2.56E+01	2.38E+00	0.00E+00	3.97E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.38E+00	-2.25E-04	2.38E+00	1.07E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4W340FS	8.58E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.84E+00	1.68E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.59E-09	7.77E-08	6.17E-02	5.15E-05	1.59E-03	0.00E+00	1.01E-01	2.56E+01	2.38E+00	0.00E+00	3.97E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.38E+00	-2.25E-04	2.38E+00	1.07E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4W410DS	8.58E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.84E+00	1.68E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.59E-09	7.77E-08	6.17E-02	5.15E-05	1.59E-03	0.00E+00	1.01E-01	2.56E+01	2.38E+00	0.00E+00	3.97E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.38E+00	-2.25E-04	2.38E+00	1.07E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4W410FS	8.58E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.84E+00	1.68E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.59E-09	7.77E-08	6.17E-02	5.15E-05	1.59E-03	0.00E+00	1.01E-01	2.56E+01	2.38E+00	0.00E+00	3.97E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.38E+00	-2.25E-04	2.38E+00	1.07E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4W412DS	8.58E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.83E+00	1.62E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.54E-09	7.77E-08	6.16E-02	5.03E-05	1.55E-03	0.00E+00	1.01E-01	2.56E+01	2.38E+00	0.00E+00	3.97E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.38E+00	-2.25E-04	2.38E+00	1.03E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4W412FS	8.58E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.83E+00	1.62E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.54E-09	7.77E-08	6.16E-02	5.03E-05	1.55E-03	0.00E+00	1.01E-01	2.56E+01	2.38E+00	0.00E+00	3.97E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.38E+00	-2.25E-04	2.38E+00	1.03E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4S410DB	8.58E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.84E+00	1.70E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.60E-09	7.77E-08	6.17E-02	5.20E-05	1.60E-03	0.00E+00	1.01E-01	2.56E+01	2.38E+00	0.00E+00	3.97E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.38E+00	-2.25E-04	2.38E+00	1.09E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4S410DE	8.58E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.83E+00	1.62E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.54E-09	7.77E-08	6.16E-02	5.03E-05	1.55E-03	0.00E+00	1.01E-01	2.56E+01	2.38E+00	0.00E+00	3.97E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.38E+00	-2.25E-04	2.38E+00	1.03E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4S410FB	8.58E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.85E+00	1.85E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.69E-09	7.77E-08	6.20E-02	5.39E-05	1.87E-03	2.34E-04	1.01E-01	2.56E+01	2.39E+00	0.00E+00	3.98E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.39E+00	-2.25E-04	2.39E+00	1.20E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4S410FE	8.58E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.83E+00	1.62E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.54E-09	7.77E-08	6.16E-02	5.03E-05	1.55E-03	0.00E+00	1.01E-01	2.56E+01	2.38E+00	0.00E+00	3.97E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.38E+00	-2.25E-04	2.38E+00	1.03E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4S412DB	8.58E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.84E+00	1.70E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.60E-09	7.77E-08	6.17E-02	5.20E-05	1.60E-03	0.00E+00	1.01E-01	2.56E+01	2.38E+00	0.00E+00	3.97E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.38E+00	-2.25E-04	2.38E+00	1.09E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4S412DE	8.58E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.83E+00	1.62E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.54E-09	7.77E-08	6.16E-02	5.03E-05	1.55E-03	0.00E+00	1.01E-01	2.56E+01	2.38E+00	0.00E+00	3.97E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.38E+00	-2.25E-04	2.38E+00	1.03E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4S412FB	8.58E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.85E+00	1.85E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.69E-09	7.77E-08	6.20E-02	5.39E-05	1.87E-03	2.34E-04	1.01E-01	2.56E+01	2.39E+00	0.00E+00	3.98E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.39E+00	-2.25E-04	2.39E+00	1.20E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4S412FE	8.58E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.83E+00	1.62E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.54E-09	7.77E-08	6.16E-02	5.03E-05	1.55E-03	0.00E+00	1.01E-01	2.56E+01	2.38E+00	0.00E+00	3.97E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.38E+00	-2.25E-04	2.38E+00	1.03E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4S416DB	8.58E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.84E+00	1.70E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.60E-09	7.77E-08	6.17E-02	5.20E-05	1.60E-03	0.00E+00	1.01E-01	2.56E+01	2.38E+00	0.00E+00	3.97E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.38E+00	-2.25E-04	2.38E+00	1.09E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4S416DE	8.58E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.83E+00	1.62E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.54E-09	7.77E-08	6.16E-02	5.03E-05	1.55E-03	0.00E+00	1.01E-01	2.56E+01	2.38E+00	0.00E+00	3.97E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.38E+00	-2.25E-04	2.38E+00	1.03E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4S416FB	8.58E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.85E+00	1.85E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.69E-09	7.77E-08	6.20E-02	5.39E-05	1.87E-03	2.34E-04	1.01E-01	2.56E+01	2.39E+00	0.00E+00	3.98E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.39E+00	-2.25E-04	2.39E+00	1.20E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4S416FE	8.58E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.83E+00	1.62E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.54E-09	7.77E-08	6.16E-02	5.03E-05	1.55E-03	0.00E+00	1.01E-01	2.56E+01	2.38E+00	0.00E+00	3.97E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.38E+00	-2.25E-04	2.38E+00	1.03E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4S420DB	8.58E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.84E+00	1.70E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.60E-09	7.77E-08	6.17E-02	5.20E-05	1.60E-03	0.00E+00	1.01E-01	2.56E+01	2.38E+00	0.00E+00	3.97E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.38E+00	-2.25E-04	2.38E+00	1.09E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4S420DE	8.58E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.83E+00	1.62E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.54E-09	7.77E-08	6.16E-02	5.03E-05	1.55E-03	0.00E+00	1.01E-01	2.56E+01	2.38E+00	0.00E+00	3.97E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.38E+00	-2.25E-04	2.38E+00	1.03E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4S420FB	8.58E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.85E+00	1.85E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.69E-09	7.77E-08	6.20E-02	5.39E-05	1.87E-03	2.34E-04	1.01E-01	2.56E+01	2.39E+00	0.00E+00	3.98E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.39E+00	-2.25E-04	2.39E+00	1.20E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4S420FE	8.58E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.83E+00	1.62E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.54E-09	7.77E-08	6.16E-02	5.03E-05	1.55E-03	0.00E+00	1.01E-01	2.56E+01	2.38E+00	0.00E+00	3.97E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.38E+00	-2.25E-04	2.38E+00	1.03E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4S425DB	8.58E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.84E+00	1.70E-07

HW4E320DB	8.58E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.85E+00	1.81E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.66E-09	7.77E-08	6.19E-02	5.34E-05	1.80E-03	1.76E-04	1.01E-01	2.56E+01	2.39E+00	0.00E+00	3.98E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.39E+00	-2.25E-04	2.39E+00	1.17E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4E320DE	8.58E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.83E+00	1.62E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.54E-09	7.77E-08	6.19E-02	5.03E-05	1.55E-03	0.00E+00	1.01E-01	2.56E+01	2.38E+00	0.00E+00	3.97E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.38E+00	-2.25E-04	2.38E+00	1.03E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4E320FB	8.58E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.85E+00	1.81E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.66E-09	7.77E-08	6.19E-02	5.34E-05	1.80E-03	1.76E-04	1.01E-01	2.56E+01	2.39E+00	0.00E+00	3.98E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.39E+00	-2.25E-04	2.39E+00	1.17E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4S340FE	1.14E-02	4.92E+01	2.88E+01	2.03E+01	0.00E+00	0.00E+00	5.76E+01	8.15E-05	1.24E-02	4.89E-02	9.26E+00	7.95E-03	7.04E-08	2.26E-08	4.32E-02	5.03E-05	8.53E+00	8.53E+00	2.24E-02	2.02E+01	1.77E+01	0.00E+00	3.73E-08	5.14E-08	1.79E-02	3.98E-04	1.23E+02	0.00E+00	1.77E+01	7.36E-08	1.77E+01	1.41E+02	1.23E+02	0.00E+00	0.00E+00	0.00E+00	9.61E-01
HW4E320FE	8.58E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.83E+00	1.62E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.54E-09	7.77E-08	6.19E-02	5.03E-05	1.55E-03	0.00E+00	1.01E-01	2.56E+01	2.38E+00	0.00E+00	3.97E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.38E+00	-2.25E-04	2.38E+00	1.03E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4E325DB	8.58E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.85E+00	1.81E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.66E-09	7.77E-08	6.19E-02	5.34E-05	1.80E-03	1.76E-04	1.01E-01	2.56E+01	2.39E+00	0.00E+00	3.98E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.39E+00	-2.25E-04	2.39E+00	1.17E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4E325DE	8.58E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.83E+00	1.62E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.54E-09	7.77E-08	6.19E-02	5.03E-05	1.55E-03	0.00E+00	1.01E-01	2.56E+01	2.38E+00	0.00E+00	3.97E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.38E+00	-2.25E-04	2.38E+00	1.03E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4E325FB	8.58E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.85E+00	1.81E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.66E-09	7.77E-08	6.19E-02	5.34E-05	1.80E-03	1.76E-04	1.01E-01	2.56E+01	2.39E+00	0.00E+00	3.98E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.39E+00	-2.25E-04	2.39E+00	1.17E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4E325FE	8.58E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.83E+00	1.62E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.54E-09	7.77E-08	6.19E-02	5.03E-05	1.55E-03	0.00E+00	1.01E-01	2.56E+01	2.38E+00	0.00E+00	3.97E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.38E+00	-2.25E-04	2.38E+00	1.03E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4E332DB	1.14E-02	4.92E+01	2.88E+01	2.03E+01	0.00E+00	0.00E+00	5.76E+01	8.16E-05	1.25E-02	4.89E-02	9.26E+00	7.95E-03	7.04E-08	2.26E-08	4.32E-02	5.16E-05	8.53E+00	8.53E+00	2.24E-02	2.02E+01	1.77E+01	0.00E+00	3.73E-08	5.14E-08	1.79E-02	3.98E-04	1.23E+02	0.00E+00	1.77E+01	7.36E-08	1.77E+01	1.41E+02	1.23E+02	0.00E+00	0.00E+00	0.00E+00	9.61E-01
HW4E332DE	1.14E-02	4.92E+01	2.88E+01	2.03E+01	0.00E+00	0.00E+00	5.76E+01	8.15E-05	1.24E-02	4.89E-02	9.26E+00	7.95E-03	7.04E-08	2.26E-08	4.32E-02	5.03E-05	8.53E+00	8.53E+00	2.24E-02	2.02E+01	1.77E+01	0.00E+00	3.73E-08	5.14E-08	1.79E-02	3.98E-04	1.23E+02	0.00E+00	1.77E+01	7.36E-08	1.77E+01	1.41E+02	1.23E+02	0.00E+00	0.00E+00	0.00E+00	9.61E-01
HW4E332FB	1.14E-02	4.92E+01	2.88E+01	2.03E+01	0.00E+00	0.00E+00	5.76E+01	8.16E-05	1.25E-02	4.89E-02	9.26E+00	7.95E-03	7.04E-08	2.26E-08	4.32E-02	5.16E-05	8.53E+00	8.53E+00	2.24E-02	2.02E+01	1.77E+01	0.00E+00	3.73E-08	5.14E-08	1.79E-02	3.98E-04	1.23E+02	0.00E+00	1.77E+01	7.36E-08	1.77E+01	1.41E+02	1.23E+02	0.00E+00	0.00E+00	0.00E+00	9.61E-01
HW4E332FE	1.14E-02	4.92E+01	2.88E+01	2.03E+01	0.00E+00	0.00E+00	5.76E+01	8.15E-05	1.24E-02	4.89E-02	9.26E+00	7.95E-03	7.04E-08	2.26E-08	4.32E-02	5.03E-05	8.53E+00	8.53E+00	2.24E-02	2.02E+01	1.77E+01	0.00E+00	3.73E-08	5.14E-08	1.79E-02	3.98E-04	1.23E+02	0.00E+00	1.77E+01	7.36E-08	1.77E+01	1.41E+02	1.23E+02	0.00E+00	0.00E+00	0.00E+00	9.61E-01
HW4E340DB	1.14E-02	4.92E+01	2.88E+01	2.03E+01	0.00E+00	0.00E+00	5.76E+01	8.16E-05	1.25E-02	4.89E-02	9.26E+00	7.95E-03	7.04E-08	2.26E-08	4.32E-02	5.16E-05	8.53E+00	8.53E+00	2.24E-02	2.02E+01	1.77E+01	0.00E+00	3.73E-08	5.14E-08	1.79E-02	3.98E-04	1.23E+02	0.00E+00	1.77E+01	7.36E-08	1.77E+01	1.41E+02	1.23E+02	0.00E+00	0.00E+00	0.00E+00	9.61E-01
HW4E340DE	1.14E-02	4.92E+01	2.88E+01	2.03E+01	0.00E+00	0.00E+00	5.76E+01	8.15E-05	1.24E-02	4.89E-02	9.26E+00	7.95E-03	7.04E-08	2.26E-08	4.32E-02	5.03E-05	8.53E+00	8.53E+00	2.24E-02	2.02E+01	1.77E+01	0.00E+00	3.73E-08	5.14E-08	1.79E-02	3.98E-04	1.23E+02	0.00E+00	1.77E+01	7.36E-08	1.77E+01	1.41E+02	1.23E+02	0.00E+00	0.00E+00	0.00E+00	9.61E-01
HW4E340FB	1.14E-02	4.92E+01	2.88E+01	2.03E+01	0.00E+00	0.00E+00	5.76E+01	8.16E-05	1.25E-02	4.89E-02	9.26E+00	7.95E-03	7.04E-08	2.26E-08	4.32E-02	5.16E-05	8.53E+00	8.53E+00	2.24E-02	2.02E+01	1.77E+01	0.00E+00	3.73E-08	5.14E-08	1.79E-02	3.98E-04	1.23E+02	0.00E+00	1.77E+01	7.36E-08	1.77E+01	1.41E+02	1.23E+02	0.00E+00	0.00E+00	0.00E+00	9.61E-01
HW4E340FE	1.14E-02	4.92E+01	2.88E+01	2.03E+01	0.00E+00	0.00E+00	5.76E+01	8.15E-05	1.24E-02	4.89E-02	9.26E+00	7.95E-03	7.04E-08	2.26E-08	4.32E-02	5.03E-05	8.53E+00	8.53E+00	2.24E-02	2.02E+01	1.77E+01	0.00E+00	3.73E-08	5.14E-08	1.79E-02	3.98E-04	1.23E+02	0.00E+00	1.77E+01	7.36E-08	1.77E+01	1.41E+02	1.23E+02	0.00E+00	0.00E+00	0.00E+00	9.61E-01
HW4E410DB	8.58E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.84E+00	1.70E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.60E-09	7.77E-08	6.17E-02	5.20E-05	1.60E-03	0.00E+00	1.01E-01	2.56E+01	2.38E+00	0.00E+00	3.97E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.38E+00	-2.25E-04	2.38E+00	1.09E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4E410DE	8.58E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.83E+00	1.62E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.54E-09	7.77E-08	6.18E-02	5.03E-05	1.55E-03	0.00E+00	1.01E-01	2.56E+01	2.38E+00	0.00E+00	3.97E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.38E+00	-2.25E-04	2.38E+00	1.03E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4E410FB	8.58E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.85E+00	1.85E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.66E-09	7.77E-08	6.20E-02	5.39E-05	1.87E-03	2.34E-04	1.01E-01	2.56E+01	2.39E+00	0.00E+00	3.98E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.39E+00	-2.25E-04	2.39E+00	1.20E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4E410FE	8.58E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.83E+00	1.62E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.54E-09	7.77E-08	6.16E-02	5.03E-05	1.55E-03	0.00E+00	1.01E-01	2.56E+01	2.38E+00	0.00E+00	3.97E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.38E+00	-2.25E-04	2.38E+00	1.03E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4E412DB	8.58E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.84E+00	1.70E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.60E-09	7.77E-08	6.17E-02	5.20E-05	1.60E-03	0.00E+00	1.01E-01	2.56E+01	2.38E+00	0.00E+00	3.97E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.38E+00	-2.25E-04	2.38E+00	1.09E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4E412DE	8.58E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.83E+00	1.62E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.54E-09	7.77E-08	6.18E-02	5.03E-05	1.55E-03	0.00E+00	1.01E-01	2.56E+01	2.38E+00	0.00E+00	3.97E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.38E+00	-2.25E-04	2.38E+00	1.03E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4E412FB	8.58E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.85E+00	1.85E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.66E-09	7.77E-08	6.20E-02	5.39E-05	1.87E-03	2.34E-04	1.01E-01	2.56E+01	2.39E+00	0.00E+00	3.98E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.39E+00	-2.25E-04	2.39E+00	1.20E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4E412FE	8.58E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.83E+00	1.62E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.54E-09	7.77E-08	6.16E-02	5.03E-05	1.55E-03	0.00E+00	1.01E-01	2.56E+01	2.38E+00	0.00E+00	3.97E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.38E+00	-2.25E-04	2.38E+00	1.03E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4E312DB	8.58E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.85E+00	1.81E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.66E-09	7.77E-08	6.19E-02	5.34E-05	1.80E-03	1.76E-04	1.01E-01	2.56E+01	2.39E+00	0.00E+00	3.98E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.39E+00	-2.25E-04	2.39E+00	1.17E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4E312DE	8.58E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.83E+00	1.62E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.54E-09	7.77E-08	6.16E-02	5.03E-05	1.55E-03	0.00E+00	1.01E-01	2.56E+01	2.38E+00	0.00E+00	3.97E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.38E+00	-2.25E-04	2.38E+00	1.03E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4E312FB	8.58E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.85E+00	1.81E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.66E-09	7.77E-08	6.19E-02	5.34E-05	1.80E-03	1.76E-04	1.01E-01	2.56E+01	2.39E+00	0.00E+00	3.98E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.39E+00	-2.25E-04	2.39E+00	1.17E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4E312FE	8.58E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.83E+00	1.62E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.54E-09	7.77E-08	6.16E-02	5.03E-05	1.55E-03	0.00E+00	1.01E-01	2.56E+01	2.38E+00	0.00E+00	3.97E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.38E+00	-2.25E-04	2.38E+00	1.03E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4E316DB	8.58E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.85E+00	1.81E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.66E-09	7.77E-08	6.19E-02	5.34E-05	1.80E-03	1.76E-04	1.01E-01	2.56E+01	2.39E+00	0.00E+00	3.98E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.39E+00	-2.25E-04	2.39E+00	1.17E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4E316DE	8.58E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.83E+00	1.62E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.54E-09	7.77E-08	6.16E-02	5.03E-05	1.55E-03	0.00E+00	1.01E-01	2.56E+01	2.38E+00	0.00E+00	3.97E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.38E+00	-2.25E-04	2.38E+00	1.03E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4E316FB	8.58E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.85E+00	1.81E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.66E-09	7.77E-08	6.19E-02	5.34E-05	1.80E-03	1.76E-04	1.01E-01	2.56E+01	2.39E+00	0.00E+00	3.98E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.39E+00	-2.25E-04	2.39E+00	1.17E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4E316FE	8.58E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.83E+00	1.62E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.54E-09	7.77E-08	6.16E-02	5.03E-05	1.55E-03	0.00E+00	1.01E-01	2.56E+01	2.38E+00	0.00E+00	3.97E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.38E+00	-2.25E-04	2.38E+00	1.03E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4E310DB	8.58E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.85E+00	1.81E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.66E-09	7.77E-08	6.19E-02	5.34E-05	1.80E-03	1.76E-04	1.01E-01	2.56E+01	2.39E+00	0.00E+00	3.98E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.39E+00	-2.25E-04	2.39E+00	1.17E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4E310FE	8.58E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.83E+00	1.62E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.54E-09	7.77E-08	6.16E-02	5.03E-05	1.55E-03	0.00E+00	1.01E-01	2.56E+01	2.38E+00	0.00E+00	3.97E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.38E+00	-2.25E-04	2.38E+00	1.03E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4E310DE	8.58E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.83E+00	1.62E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.54E-09	7.77E-08	6.16E-02	5.03E-05	1.55E-03	0.00E+00	1.01E-01	2.56E+01	2.38E+00	0.00E+00	3.97E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.38E+00	-2.25E-04	2.38E+00	1.03E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4E310FB	8.58E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.85E+00	1.81E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.66E-09	7.77E-08	6.19E-02	5.34E-05	1.80E-03	1.76E-04	1.01E-01	2.56E+01	2.39E+00	0.00E+00	3.98E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.39E+00	-2.25E-04	2.39E+00	1.17E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4E416DB	8.58E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.84E+00	1.70E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.60E-09	7.77E-08	6.17E-02	5.20E-05	1.60E-03	0.00E+00	1.01E-01	2.56E+01	2.38E+00	0.00E+00	3.97E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.38E+00	-2.25E-04	2.38E+00	1.09E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4E416DE	8.58E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.83E+00	1.62E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.54E-09	7.77E-08	6.16E-02	5.03E-05	1.55E-03	0.00E+00	1.01E-01	2.56E+01	2.38E+00	0.00E+00	3.97E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.38E+00	-2.25E-04	2.38E+00	1.03E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4E416FB	8.58E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.85E+00	1.85E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.66E-09	7.77E-08	6.20E-02	5.39E-05	1.87E-03	2.34E-04	1.01E-01	2.56E+01	2.39E+00	0.00E+00	3.98E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.39E+00	-2.25E-04	2.39E+00	1.20E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4E416FE	8.58E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.83E+00	1.62E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.54E-09	7.77E-08	6.16E-02	5.03E-05	1.55E-03	0.00E+00	1.01E-01	2.56E+01	2.38E+00	0.00E+00	3.97E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.38E+00	-2.25E-04	2.38E+00	1.03E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4E420DB	8.58E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.84E+00	1.70E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.60E-09	7.77E-08	6.17E-02	5.20E-05	1.60E-03	0.00E+00	1.01E-01	2.56E+01	2.38E+00	0.00E+00	3.97E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.38E+00	-2.25E-04	2.38E+00	1.09E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4E420DE	8.58E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.83E+00	1.62E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.54E-09	7.77E-08	6.16E-02	5.03E-05	1.55E-03	0.00E+00	1.01E-01	2.56E+01	2.38E+00	0.00E+00	3.97E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.38E+00	-2.25E-04	2.38E+00	1.03E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4E420FB	8.58E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.85E+00	1.85E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.66E-09	7.77E-08	6.20E-02	5.39E-05	1.87E-03	2.34E-04	1.01E-01	2.56E+01	2.39E+00	0.00E+00	3.98E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.39E+00	-2.25E-04	2.39E+00	1.20E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4E420FE	8.58E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.83E+00	1.62E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.54E-09	7.77E-08	6.16E-02	5.03E-05	1.55E-03	0.00E+00	1.01E-01	2.56E+01	2.38E+00	0.00E+00	3.97E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.38E+00	-2.25E-04	2.38E+00	1.03E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4E425DB	8.58E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.84E+00	1.70E-07	5.39E-03	6.43E-02	0.00E+00	-1.94E+00	2.60E-09	7.77E-08	6.17E-02	5.20E-05	1.60E-03	0.00E+00	1.01E-01	2.56E+01	2.38E+00	0.00E+00	3.97E-08	-1.41E-08	1.30E-02	6.22E-04	-2.27E+00	0.00E+00	2.38E+00	-2.25E-04	2.38E+00	1.09E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
HW4E425DE	8.58E-03	2.49E+01	1.57E+01	9.27E+00	0.00E+00	0.00E+00	2.83E+00	1.62E-07

Use B1-B7

HWY151HSA	6.78E-04	2.83E-01	4.39E-02	2.39E-01	0.00E+00	0.00E+00	2.77E+00	2.83E-06	2.69E-04	1.79E-03	0.00E+00	4.66E-03	2.07E-08	6.96E-10	3.54E-02	2.32E-02	2.52E-02	1.08E-02	4.42E-02	9.63E-02	2.11E+00	0.00E+00	4.28E-09	3.97E-09	4.21E-04	1.06E-05	2.69E-01	0.00E+00	2.11E+00	5.25E-08	2.11E+00	2.38E+00	2.69E-01	0.00E+00	0.00E+00	0.00E+00	8.90E-01
HWY162H	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
HWY162HSA	1.39E-03	7.31E-01	9.96E-02	6.32E-01	0.00E+00	0.00E+00	6.35E+00	7.01E-06	6.04E-04	4.00E-03	0.00E+00	1.09E-02	4.73E-08	1.48E-09	9.68E-02	1.14E-03	8.62E-02	5.65E-02	1.15E-03	2.77E-01	4.76E+00	0.00E+00	5.98E-09	8.51E-09	9.25E-04	2.80E-05	6.52E-01	0.00E+00	4.76E+00	1.28E-08	4.76E+00	5.41E+00	6.52E-01	0.00E+00	0.00E+00	0.00E+00	4.93E-02
HWY163H	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
HWY163HSA	1.39E-03	7.35E-01	9.96E-02	6.35E-01	0.00E+00	0.00E+00	6.35E+00	7.03E-06	6.04E-04	4.01E-03	0.00E+00	1.09E-02	4.73E-08	1.48E-09	9.74E-02	1.14E-03	8.71E-02	5.75E-02	1.16E-03	2.79E-01	4.77E+00	0.00E+00	5.99E-09	8.53E-09	9.26E-04	2.81E-05	6.54E-01	0.00E+00	4.77E+00	1.29E-08	4.77E+00	5.43E+00	6.54E-01	0.00E+00	0.00E+00	0.00E+00	4.96E-02
HW1M312DB	5.01E+00	9.10E+02	1.67E+00	9.08E+02	0.00E+00	0.00E+00	1.72E+03	2.40E-03	5.68E-01	9.12E+00	0.00E+00	3.99E+01	1.14E-07	2.73E-06	1.31E+03	2.52E+01	0.00E+00	0.00E+00	1.64E+00	1.54E+02	2.30E+04	0.00E+00	4.41E-06	3.75E-05	1.79E+00	3.53E-02	6.08E+03	0.00E+00	2.30E+04	3.22E-04	2.30E+04	2.91E+04	6.08E+03	0.00E+00	0.00E+00	0.00E+00	6.97E+01
HF1E316DCGH-MTS	1.05E+01	2.06E+03	3.79E+00	2.05E+03	0.00E+00	0.00E+00	3.89E+03	5.42E-03	1.28E+00	2.06E+01	0.00E+00	9.02E+01	2.59E-07	6.18E-06	2.96E+03	5.69E+01	0.00E+00	0.00E+00	3.70E+00	3.47E+02	5.19E+04	0.00E+00	9.97E-06	8.48E-05	4.04E+00	7.97E-02	1.37E+04	0.00E+00	5.19E+04	7.28E-04	5.19E+04	6.57E+04	1.37E+04	0.00E+00	0.00E+00	0.00E+00	1.58E+02
HF1E316DEGH-MTS	1.05E+01	2.06E+03	3.79E+00	2.05E+03	0.00E+00	0.00E+00	3.89E+03	5.42E-03	1.28E+00	2.06E+01	0.00E+00	9.02E+01	2.59E-07	6.18E-06	2.96E+03	5.69E+01	0.00E+00	0.00E+00	3.70E+00	3.47E+02	5.19E+04	0.00E+00	9.97E-06	8.48E-05	4.04E+00	7.97E-02	1.37E+04	0.00E+00	5.19E+04	7.28E-04	5.19E+04	6.57E+04	1.37E+04	0.00E+00	0.00E+00	0.00E+00	1.58E+02
HF1E316FCGH-MTS	5.11E+00	9.97E+02	1.83E+00	9.95E+02	0.00E+00	0.00E+00	1.88E+03	2.62E-03	6.22E-01	9.99E+00	0.00E+00	4.37E+01	1.25E-07	2.99E-06	1.43E+03	2.76E+01	0.00E+00	0.00E+00	1.79E+00	1.68E+02	2.52E+04	0.00E+00	4.83E-06	4.11E-05	1.96E+00	3.86E-02	6.66E+03	0.00E+00	2.52E+04	3.53E-04	2.52E+04	3.18E+04	6.66E+03	0.00E+00	0.00E+00	0.00E+00	7.63E+01
HF1E316FEGH-MTS	5.11E+00	9.97E+02	1.83E+00	9.95E+02	0.00E+00	0.00E+00	1.88E+03	2.62E-03	6.22E-01	9.99E+00	0.00E+00	4.37E+01	1.25E-07	2.99E-06	1.43E+03	2.76E+01	0.00E+00	0.00E+00	1.79E+00	1.68E+02	2.52E+04	0.00E+00	4.83E-06	4.11E-05	1.96E+00	3.86E-02	6.66E+03	0.00E+00	2.52E+04	3.53E-04	2.52E+04	3.18E+04	6.66E+03	0.00E+00	0.00E+00	0.00E+00	7.63E+01
HF1E416DCGH-MTS	1.05E+01	2.06E+03	3.79E+00	2.05E+03	0.00E+00	0.00E+00	3.89E+03	5.42E-03	1.28E+00	2.06E+01	0.00E+00	9.02E+01	2.59E-07	6.18E-06	2.96E+03	5.69E+01	0.00E+00	0.00E+00	3.70E+00	3.47E+02	5.19E+04	0.00E+00	9.97E-06	8.48E-05	4.04E+00	7.97E-02	1.37E+04	0.00E+00	5.19E+04	7.28E-04	5.19E+04	6.57E+04	1.37E+04	0.00E+00	0.00E+00	0.00E+00	1.58E+02
HF1E416DEGH-MTS	1.05E+01	2.06E+03	3.79E+00	2.05E+03	0.00E+00	0.00E+00	3.89E+03	5.42E-03	1.28E+00	2.06E+01	0.00E+00	9.02E+01	2.59E-07	6.18E-06	2.96E+03	5.69E+01	0.00E+00	0.00E+00	3.70E+00	3.47E+02	5.19E+04	0.00E+00	9.97E-06	8.48E-05	4.04E+00	7.97E-02	1.37E+04	0.00E+00	5.19E+04	7.28E-04	5.19E+04	6.57E+04	1.37E+04	0.00E+00	0.00E+00	0.00E+00	1.58E+02
HF1E416FCGH-MTS	5.11E+00	9.97E+02	1.83E+00	9.95E+02	0.00E+00	0.00E+00	1.88E+03	2.62E-03	6.22E-01	9.99E+00	0.00E+00	4.37E+01	1.25E-07	2.99E-06	1.43E+03	2.76E+01	0.00E+00	0.00E+00	1.79E+00	1.68E+02	2.52E+04	0.00E+00	4.83E-06	4.11E-05	1.96E+00	3.86E-02	6.66E+03	0.00E+00	2.52E+04	3.53E-04	2.52E+04	3.18E+04	6.66E+03	0.00E+00	0.00E+00	0.00E+00	7.63E+01
HF1E416FEGH-MTS	5.11E+00	9.97E+02	1.83E+00	9.95E+02	0.00E+00	0.00E+00	1.88E+03	2.62E-03	6.22E-01	9.99E+00	0.00E+00	4.37E+01	1.25E-07	2.99E-06	1.43E+03	2.76E+01	0.00E+00	0.00E+00	1.79E+00	1.68E+02	2.52E+04	0.00E+00	4.83E-06	4.11E-05	1.96E+00	3.86E-02	6.66E+03	0.00E+00	2.52E+04	3.53E-04	2.52E+04	3.18E+04	6.66E+03	0.00E+00	0.00E+00	0.00E+00	7.63E+01
HF1W316DSAH-MTS	1.04E+01	2.04E+03	3.75E+00	2.04E+03	0.00E+00	0.00E+00	3.85E+03	5.37E-03	1.27E+00	2.04E+01	0.00E+00	8.94E+01	2.56E-07	6.12E-06	2.93E+03	5.64E+01	0.00E+00	0.00E+00	3.67E+00	3.44E+02	5.15E+04	0.00E+00	9.88E-06	8.41E-05	4.00E+00	7.90E-02	1.36E+04	0.00E+00	5.15E+04	7.21E-04	5.15E+04	6.51E+04	1.36E+04	0.00E+00	0.00E+00	0.00E+00	1.56E+02
HF1W316FSAH-MTS	5.01E+00	9.78E+02	1.80E+00	9.76E+02	0.00E+00	0.00E+00	1.85E+03	2.58E-03	6.10E-01	9.81E+00	0.00E+00	4.29E+01	1.23E-07	2.94E-06	1.41E+03	2.71E+01	0.00E+00	0.00E+00	1.76E+00	1.65E+02	2.47E+04	0.00E+00	4.74E-06	4.03E-05	1.92E+00	3.79E-02	6.53E+03	0.00E+00	2.47E+04	3.46E-04	2.47E+04	3.12E+04	6.53E+03	0.00E+00	0.00E+00	0.00E+00	7.49E+01
HF1W416DSAH-MTS	1.04E+01	2.04E+03	3.75E+00	2.04E+03	0.00E+00	0.00E+00	3.85E+03	5.37E-03	1.27E+00	2.04E+01	0.00E+00	8.94E+01	2.56E-07	6.12E-06	2.93E+03	5.64E+01	0.00E+00	0.00E+00	3.67E+00	3.44E+02	5.15E+04	0.00E+00	9.88E-06	8.41E-05	4.00E+00	7.90E-02	1.36E+04	0.00E+00	5.15E+04	7.21E-04	5.15E+04	6.51E+04	1.36E+04	0.00E+00	0.00E+00	0.00E+00	1.56E+02
HF1W412FSAF-MTS	3.26E+00	6.36E+02	1.17E+00	6.35E+02	0.00E+00	0.00E+00	1.20E+03	1.68E-03	3.97E-01	6.38E+00	0.00E+00	2.79E+01	8.00E-08	1.91E-06	9.15E+02	1.76E+01	0.00E+00	0.00E+00	1.15E+00	1.07E+02	1.61E+04	0.00E+00	3.08E-06	2.62E-05	1.25E+00	2.47E-02	4.25E+03	0.00E+00	1.61E+04	2.25E-04	1.61E+04	2.03E+04	4.25E+03	0.00E+00	0.00E+00	0.00E+00	4.87E+01
HF1M412FCFF-MTS	3.36E+00	6.55E+02	1.21E+00	6.54E+02	0.00E+00	0.00E+00	1.24E+03	1.72E-03	4.09E-01	6.57E+00	0.00E+00	2.87E+01	8.23E-08	1.97E-06	9.41E+02	1.81E+01	0.00E+00	0.00E+00	1.18E+00	1.11E+02	1.65E+04	0.00E+00	3.17E-06	2.70E-05	1.29E+00	2.54E-02	4.37E+03	0.00E+00	1.65E+04	2.32E-04	1.65E+04	2.09E+04	4.37E+03	0.00E+00	0.00E+00	0.00E+00	5.02E+01
HF1W416FSAF-MTS	4.71E+00	9.20E+02	1.69E+00	9.18E+02	0.00E+00	0.00E+00	1.74E+03	2.42E-03	5.74E-01	9.22E+00	0.00E+00	4.03E+01	1.16E-07	2.76E-06	1.32E+03	2.55E+01	0.00E+00	0.00E+00	1.66E+00	1.55E+02	2.32E+04	0.00E+00	4.46E-06	3.79E-05	1.81E+00	3.56E-02	6.14E+03	0.00E+00	2.32E+04	3.25E-04	2.32E+04	2.94E+04	6.14E+03	0.00E+00	0.00E+00	0.00E+00	7.05E+01
HF1M416FCGF-MTS	4.81E+00	9.38E+02	1.73E+00	9.37E+02	0.00E+00	0.00E+00	1.77E+03	2.47E-03	5.86E-01	9.41E+00	0.00E+00	4.11E+01	1.18E-07	2.82E-06	1.35E+03	2.60E+01	0.00E+00	0.00E+00	1.69E+00	1.58E+02	2.37E+04	0.00E+00	4.55E-06	3.87E-05	1.84E+00	3.64E-02	6.27E+03	0.00E+00	2.37E+04	3.32E-04	2.37E+04	3.00E+04	6.27E+03	0.00E+00	0.00E+00	0.00E+00	7.19E+01
HF1W416FSAH-MTS	5.01E+00	9.78E+02	1.80E+00	9.76E+02	0.00E+00	0.00E+00	1.85E+03	2.58E-03	6.10E-01	9.81E+00	0.00E+00	4.29E+01	1.23E-07	2.94E-06	1.41E+03	2.71E+01	0.00E+00	0.00E+00	1.76E+00	1.65E+02	2.47E+04	0.00E+00	4.74E-06	4.03E-05	1.92E+00	3.79E-02	6.53E+03	0.00E+00	2.47E+04	3.46E-04	2.47E+04	3.12E+04	6.53E+03	0.00E+00	0.00E+00	0.00E+00	7.49E+01
HW1E304DB	5.58E-01	1.09E+02	2.01E-01	1.09E+02	0.00E+00	0.00E+00	2.06E+02	2.87E-04	6.80E-02	1.09E+00	0.00E+00	4.78E+00	1.37E-08	3.27E-07	1.57E+02	3.02E+00	0.00E+00	0.00E+00	1.96E-01	1.84E+01	2.75E+03	0.00E+00	5.28E-07	4.50E-06	2.14E-01	4.22E-03	7.28E+02	0.00E+00	2.75E+03	3.86E-05	2.75E+03	3.48E+03	7.28E+02	0.00E+00	0.00E+00	0.00E+00	8.35E+00
HW1E304DE	7.10E-01	1.39E+02	2.55E-01	1.38E+02	0.00E+00	0.00E+00	2.62E+02	3.65E-04	8.65E-02	1.39E+00	0.00E+00	6.08E+00	1.74E-08	4.16E-07	1.99E+02	3.84E+00	0.00E+00	0.00E+00	2.50E-01	2.34E+01	3.50E+03	0.00E+00	6.72E-07	5.72E-06	2.72E-01	5.37E-03	9.26E+02	0.00E+00	3.50E+03	4.90E-05	3.50E+03	4.43E+03	9.26E+02	0.00E+00	0.00E+00	0.00E+00	1.06E+01
HW1E304FB	2.26E-01	4.42E+01	8.13E-02	4.41E+01	0.00E+00	0.00E+00	8.34E+01	1.16E-04	2.76E-02	4.43E-01	0.00E+00	1.94E+00	5.55E-09	1.33E-07	6.35E+01	1.22E+00	0.00E+00	0.00E+00	7.95E-02	7.46E+00	1.11E+03	0.00E+00	2.14E-07	1.82E-06	8.67E-02	1.71E-03	2.95E+02	0.00E+00	1.11E+03	1.56E-05	1.11E+03	1.41E+03	2.95E+02	0.00E+00	0.00E+00	0.00E+00	3.38E+00
HW1E304FE	3.78E-01	7.38E+01	1.36E-01	7.37E+01	0.00E+00	0.00E+00	1.39E+02	1.94E-04	4.61E-02	7.40E-01	0.00E+00	3.23E+00	9.28E-09	2.22E-07	1.06E+02	2.04E+00	0.00E+00	0.00E+00	1.33E-01	1.25E+01	1.86E+03	0.00E+00	3.58E-07	3.04E-06	1.45E-01	2.86E-03	4.93E+02	0.00E+00	1.86E+03	2.61E-05	1.86E+03	2.36E+03	4.93E+02	0.00E+00	0.00E+00	0.00E+00	5.65E+00
HW1E306DB	1.04E+00	2.03E+02	3.74E-01	2.03E+02	0.00E+00	0.00E+00	3.84E+02	5.36E-04	1.27E-01	2.04E+00	0.00E+00	8.92E+00	2.56E-08	6.11E-07	2.93E+02	5.63E+00	0.00E+00	0.00E+00	3.66E-01	3.44E+01	5.14E+03	0.00E+00	9.86E-07	8.39E-06	4.00E-01	7.88E-03	1.36E+03	0.00E+00	5.14E+03	7.20E-05	5.14E+03	6.50E+03	1.36E+03	0.00E+00	0.00E+00	0.00E+00	1.56E+01
HW1E306DE	1.19E+00	2.33E+02	4.29E-01	2.33E+02	0.00E+00	0.00E+00	4.40E+02	6.14E-04	1.45E-01	2.34E+00	0.00E+00	1.02E+01	2.93E-08	7.00E-07	3.35E+02	6.45E+00	0.00E+00	0.00E+00	4.20E-01	3.94E+01	5.88E+03	0.00E+00	1.13E-06	9.61E-06	4.58E-01	9.03E-03	1.56E+03	0.00E+00	5.88E+03	8.25E-05	5.88E+03	7.44E+03	1.56E+03	0.00E+00	0.00E+00	0.00E+00	1.79E+01
HW1E306FB	4.26E-01	8.31E+01	1.53E-01	8.29E+01	0.00E+00	0.00E+00	1.57E+02	2.19E-04	5.18E-02	8.33E-01	0.00E+00	3.64E+00	1.04E-08	2.49E-07	1.19E+02	2.30E+00	0.00E+00	0.00E+00	1.50E-01	1.40E+01	2.10E+03	0.00E+00	4.02E-07	3.43E-06	1.63E-01	3.22E-03	5.55E+02	0.00E+00	2.10E+03	2.94E-05	2.10E+03	2.65E+03	5.55E+02	0.00E+00	0.00E+00	0.00E+00	6.36E+00
HW1E306FE	5.77E-01	1.13E+02	2.07E-01	1.12E+02	0.00E+00	0.00E+00	2.13E+02	2.97E-04	7.03E-02	1.13E+00	0.00E+00	4.94E+00	1.42E-08	3.39E-07	1.62E+02	3.12E+00	0.00E+00	0.00E+00	2.03E-01	1.90E+01	2.84E+03	0.00E+00	5.46E-07	4.65E-06	2.21E-01	4.37E-03	7.53E+02	0.00E+00	2.84E+03	3.99E-05	2.84E+03	3.60E+03	7.53E+02	0.00E+00	0.00E+00	0.00E+00	8.63E+00
HW1E308DB	1.64E+00	3.20E+02	5.89E-01	3.20E+02	0.00E+00	0.00E+00	6.05E+02	8.43E-04	2.00E-01	3.21E+00	0.00E+00	1.40E+01	4.03E-08	9.62E-07	4.60E+02	8.86E+00	0.00E+00	0.00E+00	5.76E-01	5.41E+01	8.08E+03	0.00E+00	1.55E-06	1.32E-05	6.29E-01	1.24E-02	2.14E+03	0.00E+00	8.08E+03	1.13E-04	8.08E+03	1.02E+04	2.14E+03	0.00E+00	0.00E+00	0.00E+00	2.45E+01
HW1E308DE	1.79E+00	3.50E+02	6.44E-01	3.49E+02	0.00E+00	0.00E+00	6.61E+02	9.21E-04	2.18E-01	3.51E+00	0.00E+00	1.53E+01	4.40E-08	1.05E-06	5.03E+02	9.68E+00	0.00E+00	0.00E+00	6.30E-01	5.91E+01	8.83E+03	0.00E+00	1.70E-06	1.44E-05	6.87E-01	1.36E-02	2.34E+03	0.00E+00	8.83E+03	1.24E-04	8.83E+03	1.12E+04	2.34E+03	0.00E+00	0.00E+00	0.00E+00	2.68E+01
HW1E308FB	6.68E-01	1.30E+02	2.40E-01	1.30E+02	0.00E+00	0.00E+00	2.46E+02	3.43E-04	8.13E-02	1.31E+00	0.00E+00	5.71E+00	1.64E-08	3.91E-07	1.87E+02	3.61E+00	0.00E+00	0.00E+00	2.35E-01	2.20E+01	3.29E+03	0.00E+00	6.31E-07	5.37E-06	2.56E-01	5.05E-03	8.70E+02	0.00E+00	3.29E+03	4.61E-05	3.29E+03	4.16E+03	8.70E+02	0.00E+00	0.00E+00	0.00E+00	9.98E+00
HW1E308FE	8.20E-01	1.60E+02	2.94E-01	1.60E+02	0.00E+00	0.00E+00	3.02E+02	4.21E-04	9.98E-02	1.60E+00	0.00E+00	7.01E+00	2.01E-08	4.80E-07	2.30E+02	4.43E+00	0.00E+00	0.00E+00	2.88E-01	2.70E+01	4.04E+03	0.00E+00	7.75E-07	6.60E-06	3.14E-01	6.20E-03	1.07E+03	0.00E+00	4.04E+03	5.66E-05	4.04E+03	5.11E+03	1.07E+03	0.00E+00	0.00E+00	0.00E+00	1.23E+01
HW1E310DB	2.72E+00	5.31E+02	9.78E-01	5.30E+02	0.00E+00	0.00E+00	1.00E+03	1.40E-03	3.32E-01	5.33E+00	0.00E+00	2.33E+01	6.68E-08	1.60E-06	7.64E+02	1.47E+01	0.00E+00	0.00E+00	9.57E-01	8.97E+01	1.34E+04	0.00E+00	2.58E-06	2.19E-05	1.04E+00	2.06E-02	3.55E+03	0.00E+00	1.34E+04	1.88E-04	1.34E+04	1.70E+04	3.55E+03	0.00E+00	0.00E+00	0.00E+00	4.07E+01
HW1E310DE	2.87E+00	5.61E+02	1.03E+00	5.60E+02	0.00E+00	0.00E+00	1.06E+03	1.48E-03	3.50E-01	5.62E+00	0.00E+00	2.46E+01	7.05E-08	1.69E-06	8.06E+02	1.55E+01	0.00E+00	0.00E+00	1.01E+00	9.47E+01	1.42E+04	0.00E+00	2.72E-06	2.31E-05	1.10E+00	2.17E-02	3.75E+03	0.00E+00	1.42E+04	1.98E-04	1.42E+04	1.79E+04	3.75E+03	0.00E+00	0.00E+00	0.00E+00	4.30E+01
HW1E310FB	1.23E+00	2.40E+02	4.41E-01	2.39E+02	0.00E+00	0.00E+00	4.53E+02	6.31E-04	1.50E-01	2.40E+00	0.00E+00	1.05E+01	3.01E-08	7.20E-07	3.44E+02	6.63E+00	0.00E+00	0.00E+00	4.31E-01	4.05E+01	6.05E+03	0.00E+00	1.16E-06	9.88E-06	4.71E-01	9.28E-03	1.60E+03	0.00E+00	6.05E+03	8.48E-05	6.05E+03	7.65E+03	1.60E+03	0.00E+00	0.00E+00	0.00E+00	1.84E+01
HW1E310FE	1.38E+00	2.69E+02	4.95E-01	2.69E+02	0.00E+00	0.00E+00	5.09E+02	7.09E-04	1.68E-01	2.70E+00	0.00E+00	1.18E+01	3.39E-08	8.09E-07	3.87E+02	7.45E+00	0.00E+00	0.00E+00	4.85E-01	4.55E+01	6.80E+03	0.00E+00	1.30E-06	1.11E-05	5.29E-01	1.04E-02	1.80E+03	0.00E+00	6.80E+03	9.52E-05	6.80E+03	8.59E+03	1.80E+03	0.00E+00	0.00E+00	0.00E+00	2.06E+01
HW1E312DB	4.55E+00	8.89E+02	1.64E+00	8.87E+02	0.00E+00	0.00E+00	1.68E+03	2.34E-03	5.55E-01	8.91E+00	0.00E+00	3.90E+01	1.12E-07	2.67E-06	1.28E+03	2.46E+01	0.00E+00	0.00E+00	1.60E+00	1.50E+02	2.24E+04	0.00E+00	4.31E-06	3.67E-05	1.75E+00	3.44E-02	5.94E+03	0.00E+00	2.24E+04	3.14E-04	2.24E+04	2.84E+04	5.94E+03	0.00E+00	0.00E+00	0.00E+00	6.81E+01
HW1E312DE	4.71E+00	9.19E+02	1.69E+00	9.17E+02	0.00E+00	0.00E+00	1.74E+03	2.42E-03	5.73E-01	9.21E+00	0.00E+00	4.03E+01	1.16E-07	2.76E-06	1.32E+03	2.54E+01	0.00E+00	0.00E+00	1.65E+00	1.55E+02	2.32E+04	0.00E+00	4.45E-06	3.79E-05	1.80E+00	3.56E-02	6.14E+03	0.00E+00	2.32E+04	3.25E-04	2.32E+04	2.93E+04	6.14E+03	0.00E+00	0.00E+00	0.00E+00	7.04E+01
HW1E312FB	1.73E+00	3.38E+02	6.22E-01	3.37E+02	0.00E+00	0.00E+00	6.38E+02	8.89E-04	2.11E-01	3.39E+00	0.00E+00	1.48E+01	4.25E-08	1.01E-06	4.86E+02	9.35E+00	0.00E+00	0.00E+00	6.08E-01	5.70E+01	8.53E+03	0.00E+00	1.64E-06	1.39E-05	6.63E-01	1.31E-02	2.26E+03	0.00E+00	8.53E+03	1.19E-04	8.53E+03	1.08E+04	2.26E+03	0.00E+00	0.00E+00	0.00E+00	2.59E+01
HW1E312FE	1.88E+00	3.67E+02	6.76E-01	3.67E+02	0.00E+00	0.00E+00	6.94E+02	9.67E-04	2.29E-01	3.68E+00	0.00E+00	1.61E+01	4.62E-08	1.10E-06	5.28E+02	1.02E+01	0.00E+00	0.00E+00	6.61E-01	6.20E+01	9.27E+03	0.00E+00	1.78E-06	1.52E-05	7.22E-01	1.42E-02	2.45E+03	0.00E+00	9.27E+03	1.30E-04	9.27E+03	1.17E+04	2.45E+03	0.00E+00	0.00E+00	0.00E+00	2.81E+01
HW1E316DB	8.62E+00	1.68E+03	3.09E+00	1.68E+03	0.00E+00	0.00E+00	3.18E+03	4.43E-03	1.05E+00	1.69E+01	0.00E+00	7.37E+01	2.11E-07	5.05E-06	2.42E+03	4.65E+01	0.00E+00	0.00E+00	3.03E+00	2.84E+02	4.25E+04	0.00E+00	8.15E-06	6.94E-05	3.30E+00	6.52E-02	1.12E+04	0.00E+00	4.25E+04	5.95E-04	4.25E+04	5.37E+04	1.12E+04	0.00E+00	0.00E+00	0.00E+00	1.29E+02
HW1E316DE	8.77E+00	1.71E+03	3.15E+00	1.71E+03	0.00E+00	0.00E+00	3.23E+03	4.51E-03	1.07E+00	1.72E+01	0.00E+00	7.50E+01	2.15E-07	5.14E-06	2.46E+03	4.74E+01	0.00E+00	0.00E+00	3.08E+00	2.89E+02	4.32E+04	0.00E+00	8.29E-06	7.06E-05	3.36E+00	6.63E-02	1.14E+04	0.00E+00	4.32E+04	6.05E-04	4.32E+04	5.46E+04	1.14E+04	0.00E+00	0.00E+00	0.00E+00	1.31E+02
HW1E316FB	3.18E+00	6.21E+02	1.14E+00	6.20E+02	0.00E+00	0.00E+00	1.17E+03	1.64E-03	3.88E-01	6.23E+00	0.00E+00	2.72E+01	7.81E-08	1.87E-06	8.93E+02	1.72E+01	0.00E+00	0.00E+00	1.12E+00	1.05E+02	1.57E+04	0.00E+00	3.01E-06	2.56E-05	1.22E+00	2.41E-02	4.15E+03	0.00E+00	1.57E+04	2.20E-04	1.57E+04	1.98E+04	4.15E+03	0.00E+00	0.00E+00	0.00E+00	4.76E+01
HW1E316FE	3.34E+00	6.51E+02	1.20E+00	6.50E+02	0.00E+00	0.00E+00	1.23E+03	1.71E-03	4.06E-01	6.53E+00	0.00E+00	2.85E+01	8.18E-08	1.96E-06	9.36E+02	1.80E+01	0.00E+00	0.00E+00	1.17E+00	1.10E+02	1.64E+04	0.00E+00	3.15E-06	2.68E-05	1.28E+00	2.52E-02	4.35E+03	0.00E+00	1.64E+04	2.30E-04	1.64E+04	2.08E+04	4.35E+03	0.00E+00	0.00E+00	0.00E+00	4.99E+01
HW1E404DB	6.54E-01	1.25E+02	2.76E+00	1.22E+02	0.00E+00	0.00E+00	1.87E+02	2.99E-04	7.66E-02	1.23E+00	0.00E+00	3.45E+00	1.55E-08	3.66E-07	1.64E+02	3.31E+00	0.00E+00	0.00E+00	2.21E-01	1.88E+01	3.00E+03	0.00E+00	5.35E-07	5.12E-06	2.43E-01	4.44E-03	7.02E+02	0.00E+00	3.00E+03	4.05E-05	3.00E+03	3.70E+03	7.02E+02	0.00E+00	0.00E+00	0.00E+00	9.48E+00
HW1E404DE	7.10E-01	1.39E+02	2.55E-01	1.38E+02	0.00E+00	0.00E+00	2.62E+02	3.65E-04	8.65E-02	1.39E+00	0.00E+00	6.08E+00	1.74E-08	4.16E-07	1.99E+02	3.84E+00	0.00E+00	0.00E+00	2.50E-01	2.34E+01	3.50E+03	0.00E+00	6.72E-07	5.72E-06	2.72E-01	5.37E-03	9.26E+02	0.00E+00	3.50E+03	4.90E-05	3.50E+03	4.43E+03	9.26E+02	0.00E+00	0.00E+00	0.00E+00	1.06E+01
HW1E404FB	2.26E-01	4.42E+01	8.13E-02	4.41E+01	0.00E+00	0.00E+00	8.34E+01	1.16E-04	2.76E-02	4.43E-01	0.00E+00	1.94E+00	5.55E-09	1.33E-07	6.35E+01	1.22E+00	0.00E+00	0.00E+00	7.95E-02	7.46E+00	1.11E+03	0.00E+00	2.14E-07	1.82E-06	8.67E-02	1.71E-03	2.95E+02	0.00E+00	1.11E+03	1.56E-05	1.11E+03	1.41E+03	2.95E+02	0.00E+00	0.00E+00	0.00E+00	3.38E+00
HW1E404FE	3.78E-01	7.38E+01	1.36E-01	7.37E+01	0.00E+00	0.00E+00	1.39E+02	1.94E-04	4.61E-02	7.40E-01	0.00E+00	3.23E+00	9.28E-09	2.22E-07	1.06E+02	2.04E+00	0.00E+00	0.00E+00	1.33E-01	1.25E+01	1.86E+03	0.00E+00	3.58E-07	3.04E-06	1.45E-01	2.86E-03	4.93E+02	0.00E+00	1.86E+03	2.61E-05	1.86E+03	2.36E+03	4.93E+02	0.00E+00	0.00E+00	0.00E+00	5.65E+00
HW1E406DB	1.04E+00	2.03E+02	3.74E-01	2.03E+02	0.00E+00	0.00E+00	3.84E+02	5.36E-04	1.27E-01	2.04E+00	0.00E+00	8.92E+00	2.56E-08	6.11E-07	2.93E+02	5.63E+00	0.00E+00	0.00E+00	3.66E-01	3.44E+01	5.14E+03	0.00E+00	9.86E-07	8.39E-06	4.00E-01	7.88E-03	1.36E+03	0.00E+00	5.14E+03	7.20E-05	5.14E+03	6.50E+03	1.36E+03	0.00E+00	0.00E+00	0.00E+00	1.56E+01
HW1E406DE	1.19E+00	2.33E+02	4.29E-01	2.33E+02	0.00E+00	0.00E+00	4.40E+02	6.14E-04	1.45E-01	2.34E+00	0.00E+00	1.02E+01	2.93E-08	7.00E-07	3.35E+02	6.45E+00	0.00E+00	0.00E+00	4.20E-01	3.94E+01	5.88E+03	0.00E+00	1.13E-06	9.61E-06	4.58E-01	9.03E-03	1.56E+03	0.00E+00	5.88E+03	8.25E-05	5.88E+03	7.44E+03	1.56E+03	0.00E+00	0.00E+00	0.00E+00	1.79E+01
HW1E406FB	4.26E-01	8.31E+01	1.53E-01	8.29E+01	0.00E+00	0.00E+00	1.57E+02	2.19E-04	5.18E-02	8.33E-01	0.00E+00	3.64E+00	1.04E-08	2.49E-07	1.19E+02	2.30E+00	0.00E+00	0.00E+00	1.50E-01	1.40E+01	2.10E+03	0.00E+00	4.02E-07	3.43E-06	1.63E-01	3.22E-03	5.55E+02	0.00E+00	2.10E+03	2.94E-05	2.10E+03	2.65E+03	5.55E+02	0.00E+00	0.00E+00	0.00E+00	6.36E+00
HW1E406FE	5.77E-01	1.13E+02	2.07E-01	1.12E+02	0.00E+00	0.00E+00	2.13E+02	2.97E-04	7.03E-02	1.13E+00	0.00E+00	4.94E+00	1.42E-08	3.39E-07	1.62E+02	3.12E+00	0.00E+00	0.00E+00	2.03E-01	1.90E+01	2.84E+03	0.00E+00	5.46E-07	4.65E-06	2.21E-01	4.37E-03	7.53E+02	0.00E+00	2.84E+03	3.99E-05	2.84E+03	3.60E+03	7.53E+02	0.00E+00	0.00E+00	0.00E+00	8.63E+00
HW1E408DB	1.64E+00	3.20E+02	5.89E-01	3.20E+02	0.00E+00	0.00E+00	6.05E+02	8.43E-04	2.00E-01	3.21E+00	0.00E+00	1.40E+01	4.03E-08	9.62E-07	4.60E+02	8.86E+00	0.00E+00	0.00E+00	5.76E-01	5.41E+01	8.08E+03	0.00E+00	1.55E-06	1.32E-05	6.29E-01	1.24E-02	2.14E+03	0.00E+00	8.08E+03	1.13E-04	8.08E+03	1.02E+04	2.14E+03	0.00E+00	0.00E+00	0.00E+00	2.45E+01
HW1E408DE	1.79E+00	3.50E+02	6.44E-01	3.49E+02	0.00E+00	0.00E+00	6.61E+02	9.21E-04	2.18E-01	3.51E+00	0.00E+00	1.53E+01	4.40E-08	1.05E-06	5.03E+02	9.68E+00	0.00E+00	0.00E+00	6.30E-01	5.91E+01	8.83E+03	0.00E+00	1.70E-06	1.44E-05	6.87E-01	1.36E-02	2.34E+03	0.00E+00	8.83E+03	1.24E-04	8.83E+03	1.12E+04	2.34E+03	0.00E+00	0.00E+00	0.00E+00	2.68E+01
HW1E408FB	6.68E-01	1.30E+02	2.40E-01	1.30E+02	0.00E+00	0.00E+00	2.46E+02	3.43E-04	8.13E-02	1.31E+00	0.00E+00	5.71E+00	1.64E-08	3.91E-07	1.87E+02	3.61E+00	0.00E+00	0.00E+00	2.35E-01	2.20E+01	3.29E+03	0.00E+00	6.31E-07	5.37E-06	2.56E-01	5.05E-03	8.70E+02	0.00E+00	3.29E+03	4.61E-05	3.29E+03	4.16E+03	8.70E+02	0.00E+00	0.00E+00	0.00E+00	9.98E+00
HW1E408FE	8.20E-01	1.60E+02	2.94E-01	1.60E+02	0.00E+00	0.00E+00	3.02E+02	4.21E-04	9.98E-02	1.60E+00	0.00E+00	7.01E+00	2.01E-08	4.80E-07	2.30E+02	4.43E+00	0.00E+00	0.00E+00	2.88E-01	2.70E+01	4.04E+03	0.00E+00	7.75E-07	6.60E-06	3.14E-01	6.20E-03	1.07E+03	0.00E+00	4.04E+03	5.66E-05	4.04E+03	5.11E+03	1.07E+03	0.00E+00	0.00E+00	0.00E+00	1.23E+01
HW1E410DB	2.72E+00	5.31E+02	9.78E-01	5.30E+02	0.00E+00	0.00E+00	1.00E+03	1.40E-03	3.32E-01	5.33E+00	0.00E+00	2.33E+01	6.68E-08	1.60E-06	7.64E+02	1.47E+01	0.00E+00	0.00E+00	9.57E-01	8.97E+01	1.34E+04	0.00E+00	2.58E-06	2.19E-05	1.04E+00	2.06E-02	3.55E+03	0.00E+00	1.34E+04	1.88E-04	1.34E+04	1.70E+04	3.55E+03	0.00E+00	0.00E+00	0.00E+00	4.07E+01
HW1E410DE	2.87E+00	5.61E+02	1.03E+00	5.60E+02	0.00E+00	0.00E+00	1.06E+03	1.48E-03	3.50E-01	5.62E+00	0.00E+00	2.46E+01	7.05E-08	1.69E-06	8.06E+02	1.55E+01	0.00E+00	0.00E+00	1.01E+00	9.47E+01	1.42E+04	0.00E+00	2.72E-06	2.31E-05	1.10E+00	2.17E-02	3.75E+03	0.00E+00	1.42E+04	1.98E-04	1.42E+04	1.79E+04	3.75E+03	0.00E+00	0.00E+00	0.00E+00	4.30E+01
HW1E410FB	1.23E+00	2.40E+02	4.41E-01	2.39E+02	0.00E+00	0.00E+00	4.53E+02	6.31E-04	1.50E-01	2.40E+00	0.00E+00	1.05E+01	3.01E-08	7.20E-07	3.44E+02	6.63E+00	0.00E+00	0.00E+00	4.31E-01	4.05E+01	6.05E+03	0.00E+00	1.16E-06	9.88E-06	4.71E-01	9.28E-03	1.60E+03	0.00E+00	6.05E+03	8.48E-05	6.05E+03	7.65E+03	1.60E+03	0.00E+00	0.00E+00	0.00E+00	1.84E+01
HW1E410FE	1.38E+00	2.69E+02	4.95E-01	2.69E+02	0.00E+00	0.00E+00	5.09E+02	7.09E-04	1.68E-01	2.70E+00	0.00E+00	1.18E+01	3.39E-08	8.09E-07	3.87E+02	7.45E+00	0.00E+00	0.00E+00	4.85E-01	4.55E+01	6.80E+03	0.00E+00	1.30E-06	1.11E-05	5.29E-01	1.04E-02	1.80E+03	0.00E+00	6.80E+03	9.52E-05	6.80E+03	8.59E+03	1.80E+03	0.00E+00	0.00E+00	0.00E+00	2.06E+01
HW1E412DB	4.55E+00	8.89E+02	1.64E+00	8.87E+02	0.00E+00	0.00E+00	1.68E+03	2.34E-03	5.55E-01	8.91E+00	0.00E+00	3.90E+01	1.12E-07	2.67E-06	1.28E+03	2.46E+01	0.00E+00	0.00E+00	1.60E+00	1.50E+02	2.24E+04	0.00E+00	4.31E-06	3.67E-05	1.75E+00	3.44E-02	5.94E+03	0.00E+00	2.24E+04	3.14E-04	2.24E+04	2.84E+04	5.94E+03	0.00E+00	0.00E+00	0.00E+00	6.81E+01
HW1E412DE	4.71E+00	9.19E+02	1.69E+00	9.17E+02	0.00E+00	0.00E+00	1.74E+03	2.42E-03	5.73E-01	9.21E+00	0.00E+00	4.03E+01	1.16E-07	2.76E-06	1.32E+03	2.54E+01	0.00E+00	0.00E+00	1.65E+00	1.55E+02	2.32E+04	0.00E+00	4.45E-06	3.79E-05	1.80E+00	3.56E-02	6.14E+03	0.00E+00	2.32E+04	3.25E-04	2.32E+04	2.93E+04	6.14E+03	0.00E+00	0.00E+00	0.00E+00	7.04E+01
HW1E412FB	1.73E+00	3.38E+02	6.22E-01	3.37E+02	0.00E+00	0.00E+00	6.38E+02	8.89E-04	2.11E-01	3.39E+00	0.00E+00	1.48E+01	4.25E-08	1.01E-06	4.86E+02	9.35E+00	0.00E+00	0.00E+00	6.08E-01	5.70E+01	8.53E+03	0.00E+00	1.64E-06	1.39E-05	6.63E-01	1.31E-02	2.26E+03	0.00E+00	8.53E+03	1.19E-04	8.53E+03	1.08E+04	2.26E+03	0.00E+00	0.00E+00	0.00E+00	2.59E+01
HW1E412FE	1.88E+00	3.67E+02	6.76E-01	3.67E+02	0.00E+00	0.00E+00	6.94E+02	9.67E-04	2.29E-01	3.68E+00	0.00E+00	1.61E+01	4.62E-08	1.10E-06	5.28E+02	1.02E+01	0.00E+00	0.00E+00	6.61E-01	6.20E+01	9.27E+03	0.00E+00	1.78E-06	1.52E-05	7.22E-01	1.42E-02	2.45E+03	0.00E+00	9.27E+03	1.30E-04	9.27E+03	1.17E+04	2.45E+03	0.00E+00	0.00E+00	0.00E+00	2.81E+01
HW1E416DB	8.62E+00	1.68E+03	3.09E+00	1.68E+03	0.00E+00	0.00E+00	3.18E+03	4.43E-03	1.05E+00	1.69E+01	0.00E+00	7.37E+01	2.11E-07	5.05E-06	2.42E+03	4.65E+01	0.00E+00	0.00E+00	3.03E+00	2.84E+02	4.25E+04	0.00E+00	8.15E-06	6.94E-05	3.30E+00	6.52E-02	1.12E+04	0.00E+00	4.25E+04	5.95E-04	4.25E+04	5.37E+04	1.12E+04	0.00E+00	0.00E+00	0.00E+00	1.29E+02
HW1E416DE	8.77E+00	1.71E+03	3.15E+00	1.71E+03	0.00E+00	0.00E+00	3.23E+03	4.51E-03	1.07E+00	1.72E+01	0.00E+00	7.50E+01	2.15E-07	5.14E-06	2.46E+03	4.74E+01	0.00E+00	0.00E+00	3.08E+00	2.89E+02	4.32E+04	0.00E+00	8.29E-06	7.06E-05	3.36E+00	6.63E-02	1.14E+04	0.00E+00	4.32E+04	6.05E-04	4.32E+04	5.46E+04	1.14E+04	0.00E+00	0.00E+00	0.00E+00	1.31E+02
HW1E416FB	3.18E+00	6.21E+02	1.14E+00	6.20E+02	0.00E+00	0.00E+00	1.17E+03	1.64E-03	3.88E-01	6.23E+00	0.00E+00	2.72E+01	7.81E-08	1.87E-06	8.93E+02	1.72E+01	0.00E+00	0.00E+00	1.12E+00	1.05E+02	1.57E+04	0.00E+00	3.01E-06	2.56E-05	1.22E+00	2.41E-02	4.15E+03	0.00E+00	1.57E+04	2.20E-04	1.57E+04	1.98E+04	4.15E+03	0.00E+00	0.00E+00	0.00E+00	4.76E+01
HW1E416FE	3.34E+00	6.51E+02	1.20E+00	6.50E+02	0.00E+00	0.00E+00	1.23E+03	1.71E-03	4.06E-01	6.53E+00	0.00E+00	2.85E+01	8.18E-08	1.96E-06	9.36E+02	1.80E+01	0.00E+00	0.00E+00	1.17E+00	1.10E+02	1.64E+04	0.00E+00	3.15E-06	2.68E-05	1.28E+00	2.52E-02	4.35E+03	0.00E+00	1.64E+04	2.30E-04	1.64E+04	2.08E+04	4.35E+03	0.00E+00	0.00E+00	0.00E+00	4.99E+01
HW1M304DB	5.58E-01	1.09E+02	2.01E-01	1.09E+02	0.00E+00	0.00E+00	2.06E+02	2.87E-04	6.80E-02	1.09E+00	0.00E+00	4.78E+00	1.37E-08	3.27E-07	1.57E+02	3.02E+00	0.00E+00	0.00E+00	1.96E-01	1.84E+01	2.75E+03	0.00E+00	5.28E-07	4.50E-06	2.14E-01	4.22E-03	7.28E+02	0.00E+00	2.75E+03	3.86E-05	2.75E+03	3.48E+03	7.28E+02	0.00E+00	0.00E+00	0.00E+00	8.35E+00
HW1M304DE	7.10E-01	1.39E+02	2.55E-01	1.38E+02	0.00E+00	0.00E+00	2.62E+02	3.65E-04	8.65E-02	1.39E+00	0.00E+00	6.08E+00	1.74E-08	4.16E-07	1.99E+02	3.84E+00	0.00E+00	0.00E+00	2.50E-01	2.34E+01	3.50E+03	0.00E+00	6.72E-07	5.72E-06	2.72E-01	5.37E-03	9.26E+02	0.00E+00	3.50E+03	4.90E-05	3.50E+03	4.43E+03	9.26E+02	0.00E+00	0.00E+00	0.00E+00	1.06E+01
HW1M304FB	2.26E-01	4.42E+01	8.13E-02	4.41E+01	0.00E+00	0.00E+00	8.34E+01	1.16E-04	2.76E-02	4.43E-01	0.00E+00	1.94E+00	5.55E-09	1.33E-07	6.35E+01	1.22E+00	0.00E+00	0.00E+00	7.95E-02	7.46E+00	1.11E+03	0.00E+00	2.14E-07	1.82E-06	8.67E-02	1.71E-03	2.95E+02	0.00E+00	1.11E+03	1.56E-05	1.11E+03	1.41E+03	2.95E+02	0.00E+00	0.00E+00	0.00E+00	3.38E+00
HW1M304FE	3.78E-01	7.38E+01	1.36E-01	7.37E+01	0.00E+00	0.00E+00	1.39E+02	1.94E-04	4.61E-02	7.40E-01	0.00E+00	3.23E+00	9.28E-09	2.22E-07	1.06E+02	2.04E+00	0.00E+00	0.00E+00	1.33E-01	1.25E+01	1.86E+03	0.00E+00	3.58E-07	3.04E-06	1.45E-01	2.86E-03	4.93E+02	0.00E+00	1.86E+03	2.61E-05	1.86E+03	2.36E+03	4.93E+02	0.00E+00	0.00E+00	0.00E+00	5.65E+00
HW1M306DB	1.04E+00	2.03E+02	3.74E-01	2.03E+02	0.00E+00	0.00E+00	3.84E+02	5.36E-04	1.27E-01	2.04E+00	0.00E+00	8.92E+00	2.56E-08	6.11E-07	2.93E+02	5.63E+00	0.00E+00	0.00E+00	3.66E-01	3.44E+01	5.14E+03	0.00E+00	9.86E-07	8.39E-06	4.00E-01	7.88E-03	1.36E+03	0.00E+00	5.14E+03	7.20E-05	5.14E+03	6.50E+03	1.36E+03	0.00E+00	0.00E+00	0.00E+00	1.56E+01
HW1M306DE	1.19E+00	2.33E+02	4.29E-01	2.33E+02	0.00E+00	0.00E+00	4.40E+02	6.14E-04	1.45E-01	2.34E+00	0.00E+00	1.02E+01	2.93E-08	7.00E-07	3.35E+02	6.45E+00	0.00E+00	0.00E+00	4.20E-01	3.94E+01	5.88E+03	0.00E+00	1.13E-06	9.61E-06	4.58E-01	9.03E-03	1.56E+03	0.00E+00	5.88E+03	8.25E-05	5.88E+03	7.44E+03	1.56E+03	0.00E+00	0.00E+00	0.00E+00	1.79E+01
HW1M306FB	4.26E-01	8.31E+01	1.53E-01	8.29E+01	0.00E+00	0.00E+00	1.57E+02	2.19E-04	5.18E-02	8.33E-01	0.00E+00	3.64E+00	1.04E-08	2.49E-07	1.19E+02	2.30E+00	0.00E+00	0.00E+00	1.50E-01	1.40E+01	2.10E+03	0.00E+00	4.02E-07	3.43E-06	1.63E-01	3.22E-03	5.55E+02	0.00E+00	2.10E+03	2.94E-05	2.10E+03	2.65E+03	5.55E+02	0.00E+00	0.00E+00	0.00E+00	6.36E+00
HW1M306FE	5.77E-01	1.13E+02	2.07E-01	1.12E+02	0.00E+00	0.00E+00	2.13E+02	2.97E-04	7.03E-02	1.13E+00	0.00E+00	4.94E+00	1.42E-08	3.39E-07	1.62E+02	3.12E+00	0.00E+00	0.00E+00	2.03E-01	1.90E+01	2.84E+03	0.00E+00	5.46E-07	4.65E-06	2.21E-01	4.37E-03	7.53E+02	0.00E+00	2.84E+03	3.99E-05	2.84E+03	3.60E+03	7.53E+02	0.00E+00	0.00E+00	0.00E+00	8.63E+00
HW1M308DB	1.64E+00	3.20E+02	5.89E-01	3.20E+02	0.00E+00	0.00E+00	6.05E+02	8.43E-04	2.00E-01	3.21E+00	0.00E+00	1.40E+01	4.03E-08	9.62E-07	4.60E+02	8.86E+00	0.00E+00	0.00E+00	5.76E-01	5.41E+01	8.08E+03	0.00E+00	1.55E-06	1.32E-05	6.29E-01	1.24E-02	2.14E+03	0.00E+00	8.08E+03	1.13E-04	8.08E+03	1.02E+04	2.14E+03	0.00E+00	0.00E+00	0.00E+00	2.45E+01
HW1M308DE	1.79E+00	3.50E+02	6.44E-01	3.49E+02	0.00E+00	0.00E+00	6.61E+02	9.21E-04	2.18E-01	3.51E+00	0.00E+00	1.53E+01	4.40E-08	1.05E-06	5.03E+02	9.68E+00	0.00E+00	0.00E+00	6.30E-01	5.91E+01	8.83E+03	0.00E+00	1.70E-06	1.44E-05	6.87E-01	1.36E-02	2.34E+03	0.00E+00	8.83E+03	1.24E-04	8.83E+03	1.12E+04	2.34E+03	0.00E+00	0.00E+00	0.00E+00	2.68E+01
HW1M308FB	6.68E-01	1.30E+02	2.40E-01	1.30E+02	0.00E+00	0.00E+00	2.46E+02	3.43E-04	8.13E-02	1.31E+00	0.00E+00	5.71E+00	1.64E-08	3.91E-07	1.87E+02	3.61E+00	0.00E+00	0.00E+00	2.35E-01	2.20E+01	3.29E+03	0.00E+00	6.31E-07	5.37E-06	2.56E-01	5.05E-03	8.70E+02	0.00E+00	3.29E+03	4.61E-05	3.29E+03	4.16E+03	8.70E+02	0.00E+00	0.00E+00	0.00E+00	9.98E+00
HW1M308FE	8.20E-01	1.60E+02	2.94E-01	1.60E+02	0.00E+00	0.00E+00	3.02E+02	4.21E-04	9.98E-02	1.60E+00	0.00E+00	7.01E+00	2.01E-08	4.80E-07	2.30E+02	4.43E+00	0.00E+00	0.00E+00	2.88E-01	2.70E+01	4.04E+03	0.00E+00	7.75E-07	6.60E-06	3.14E-01	6.20E-03	1.07E+03	0.00E+00	4.04E+03	5.66E-05	4.04E+03	5.11E+03	1.07E+03	0.00E+00	0.00E+00	0.00E+00	1.23E+01
HW1M310DB	2.72E+00	5.31E+02	9.78E-01	5.30E+02	0.00E+00	0.00E+00	1.00E+03	1.40E-03	3.32E-01	5.33E+00	0.00E+00	2.33E+01	6.68E-08	1.60E-06	7.64E+02	1.47E+01	0.00E+00	0.00E+00	9.57E-01	8.97E+01	1.34E+04	0.00E+00	2.58E-06	2.19E-05	1.04E+00	2.06E-02	3.55E+03	0.00E+00	1.34E+04	1.88E-04	1.34E+04	1.70E+04	3.55E+03	0.00E+00	0.00E+00	0.00E+00	4.07E+01
HW1M310DE	2.87E+00	5.61E+02	1.03E+00	5.60E+02	0.00E+00	0.00E+00	1.06E+03	1.48E-03	3.50E-01	5.62E+00	0.00E+00	2.46E+01	7.05E-08	1.69E-06	8.06E+02	1.55E+01	0.00E+00	0.00E+00	1.01E+00	9.47E+01	1.42E+04	0.00E+00	2.72E-06	2.31E-05	1.10E+00	2.17E-02	3.75E+03	0.00E+00	1.42E+04	1.98E-04	1.42E+04	1.79E+04	3.75E+03	0.00E+00	0.00E+00	0.00E+00	4.30E+01
HW1M310FB	1.23E+00	2.40E+02	4.41E-01	2.39E+02	0.00E+00	0.00E+00	4.53E+02	6.31E-04	1.50E-01	2.40E+00	0.00E+00	1.05E+01	3.01E-08	7.20E-07	3.44E+02	6.63E+00	0.00E+00	0.00E+00	4.31E-01	4.05E+01	6.05E+03	0.00E+00	1.16E-06	9.88E-06	4.71E-01	9.28E-03	1.60E+03	0.00E+00	6.05E+03	8.48E-05	6.05E+03	7.65E+03	1.60E+03	0.00E+00	0.00E+00	0.00E+00	1.84E+01
HW1M310FE	1.38E+00	2.69E+02	4.95E-01	2.69E+02	0.00E+00	0.00E+00	5.09E+02	7.09E-04	1.68E-01	2.70E+00	0.00E+00	1.18E+01	3.39E-08	8.09E-07	3.87E+02	7.45E+00	0.00E+00	0.00E+00	4.85E-01	4.55E+01	6.80E+03	0.00E+00	1.30E-06	1.11E-05	5.29E-01	1.04E-02	1.80E+03	0.00E+00	6.80E+03	9.52E-05	6.80E+03	8.59E+03	1.80E+03	0.00E+00	0.00E+00	0.00E+00	2.06E+01
HW1M312DE	4.71E+00	9.19E+02	1.69E+00	9.17E+02	0.00E+00	0.00E+00	1.74E+03	2.42E-03	5.73E-01	9.21E+00	0.00E+00	4.03E+01	1.16E-07	2.76E-06	1.32E+03	2.54E+01	0.00E+00	0.00E+00	1.65E+00	1.55E+02	2.32E+04	0.00E+00	4.45E-06	3.79E-05	1.80E+00	3.56E-02	6.14E+03	0.00E+00	2.32E+04	3.25E-04	2.32E+04	2.93E+04	6.14E+03	0.00E+00	0.00E+00	0.00E+00	7.04E+01
HW1M312FB	1.73E+00	3.38E+02	6.22E-01	3.37E+02	0.00E+00	0.00E+00	6.38E+02	8.89E-04	2.11E-01	3.39E+00	0.00E+00	1.48E+01	4.25E-08	1.01E-06	4.86E+02	9.35E+00	0.00E+00	0.00E+00	6.08E-01	5.70E+01	8.53E+03	0.00E+00	1.64E-06	1.39E-05	6.63E-01	1.31E-02	2.26E+03	0.00E+00	8.53E+03	1.19E-04	8.53E+03	1.08E+04	2.26E+03	0.00E+00	0.00E+00	0.00E+00	2.59E+01
HW1M312FE	1.88E+00	3.67E+02	6.76E-01	3.67E+02	0.00E+00	0.00E+00	6.94E+02	9.67E-04	2.29E-01	3.68E+00	0.00E+00	1.61E+01	4.62E-08	1.10E-06	5.28E+02	1.02E+01	0.00E+00	0.00E+00	6.61E-01	6.20E+01	9.27E+03	0.00E+00	1.78E-06	1.52E-05	7.22E-01	1.42E-02	2.45E+03	0.00E+00	9.27E+03	1.30E-04	9.27E+03	1.17E+04	2.45E+03	0.00E+00	0.00E+00	0.00E+00	2.81E+01
HW1M316DB	8.62E+00	1.68E+03	3.09E+00	1.68E+03	0.00E+00	0.00E+00	3.18E+03	4.43E-03	1.05E+00	1.69E+01	0.00E+00	7.37E+01	2.11E-07	5.05E-06	2.42E+03	4.65E+01	0.00E+00	0.00E+00	3.03E+00	2.84E+02	4.25E+04	0.00E+00	8.15E-06	6.94E-05	3.30E+00	6.52E-02	1.12E+04	0.00E+00	4.25E+04	5.95E-04	4.25E+04	5.37E+04	1.12E+04	0.00E+00	0.00E+00	0.00E+00	1.29E+02

HW1M316DE	8.77E+00	1.71E+03	3.15E+00	1.71E+03	0.00E+00	0.00E+00	3.23E+03	4.51E-03	1.07E+00	1.72E+01	0.00E+00	7.50E+01	2.15E-07	5.14E-06	2.46E+03	4.74E+01	0.00E+00	0.00E+00	3.08E+00	2.89E+02	4.32E+04	0.00E+00	8.29E-06	7.06E-05	3.36E+00	6.63E-02	1.14E+04	0.00E+00	4.32E+04	6.05E-04	4.32E+04	5.46E+04	1.14E+04	0.00E+00	0.00E+00	0.00E+00	1.31E+02
HW1M316FB	3.18E+00	6.21E+02	1.14E+00	6.20E+02	0.00E+00	0.00E+00	1.17E+03	1.64E-03	3.88E-01	6.23E+00	0.00E+00	2.72E+01	7.81E-08	1.87E-06	8.93E+02	1.72E+01	0.00E+00	0.00E+00	1.12E+00	1.05E+02	1.57E+04	0.00E+00	3.01E-06	2.56E-05	1.22E+00	2.41E-02	4.15E+03	0.00E+00	1.57E+04	2.20E-04	1.57E+04	1.98E+04	4.15E+03	0.00E+00	0.00E+00	0.00E+00	4.76E+01
HW1M316FE	3.34E+00	6.51E+02	1.20E+00	6.50E+02	0.00E+00	0.00E+00	1.23E+03	1.71E-03	4.06E-01	6.53E+00	0.00E+00	2.85E+01	8.18E-08	1.96E-06	9.36E+02	1.80E+01	0.00E+00	0.00E+00	1.17E+00	1.10E+02	1.64E+04	0.00E+00	3.15E-06	2.68E-05	1.28E+00	2.52E-02	4.35E+03	0.00E+00	1.64E+04	2.30E-04	1.64E+04	2.08E+04	4.35E+03	0.00E+00	0.00E+00	0.00E+00	4.99E+01
HW1M404DB	5.58E-01	1.09E+02	2.01E-01	1.08E+02	0.00E+00	0.00E+00	2.06E+02	2.87E-04	6.80E-02	1.09E+00	0.00E+00	4.78E+00	1.37E-08	3.27E-07	1.57E+02	3.02E+00	0.00E+00	0.00E+00	1.96E-01	1.84E+01	2.75E+03	0.00E+00	5.28E-07	4.50E-06	2.14E-01	4.22E-03	7.28E+02	0.00E+00	2.75E+03	3.86E-05	2.75E+03	3.48E+03	7.28E+02	0.00E+00	0.00E+00	0.00E+00	8.35E+00
HW1M404DE	7.10E-01	1.39E+02	2.55E-01	1.38E+02	0.00E+00	0.00E+00	2.62E+02	3.65E-04	8.65E-02	1.39E+00	0.00E+00	6.08E+00	1.74E-08	4.16E-07	1.99E+02	3.84E+00	0.00E+00	0.00E+00	2.50E-01	2.34E+01	3.50E+03	0.00E+00	6.72E-07	5.72E-06	2.72E-01	5.37E-03	9.26E+02	0.00E+00	3.50E+03	4.90E-05	3.50E+03	4.43E+03	9.26E+02	0.00E+00	0.00E+00	0.00E+00	1.06E+01
HW1M404FB	2.26E-01	4.42E+01	8.13E-02	4.41E+01	0.00E+00	0.00E+00	8.34E+01	1.16E-04	2.76E-02	4.43E-01	0.00E+00	1.94E+00	5.55E-09	1.33E-07	6.35E+01	1.22E+00	0.00E+00	0.00E+00	7.95E-02	7.46E+00	1.11E+03	0.00E+00	2.14E-07	1.82E-06	8.67E-02	1.71E-03	2.95E+02	0.00E+00	1.11E+03	1.56E-05	1.11E+03	1.41E+03	2.95E+02	0.00E+00	0.00E+00	0.00E+00	3.38E+00
HW1M404FE	3.78E-01	7.38E+01	1.36E-01	7.37E+01	0.00E+00	0.00E+00	1.39E+02	1.94E-04	4.61E-02	7.40E-01	0.00E+00	3.23E+00	9.28E-09	2.22E-07	1.06E+02	2.04E+00	0.00E+00	0.00E+00	1.33E-01	1.25E+01	1.86E+03	0.00E+00	3.58E-07	3.04E-06	1.45E-01	2.86E-03	4.93E+02	0.00E+00	1.86E+03	2.61E-05	1.86E+03	2.36E+03	4.93E+02	0.00E+00	0.00E+00	0.00E+00	5.65E+00
HW1M406DB	1.04E+00	2.03E+02	3.74E-01	2.03E+02	0.00E+00	0.00E+00	3.84E+02	5.36E-04	1.27E-01	2.04E+00	0.00E+00	8.92E+00	2.56E-08	6.11E-07	2.93E+02	5.63E+00	0.00E+00	0.00E+00	3.66E-01	3.44E+01	5.14E+03	0.00E+00	9.86E-07	8.39E-06	4.00E-01	7.88E-03	1.36E+03	0.00E+00	5.14E+03	7.20E-05	5.14E+03	6.50E+03	1.36E+03	0.00E+00	0.00E+00	0.00E+00	1.56E+01
HW1M406DE	1.19E+00	2.33E+02	4.29E-01	2.33E+02	0.00E+00	0.00E+00	4.40E+02	6.14E-04	1.45E-01	2.34E+00	0.00E+00	1.02E+01	2.93E-08	7.00E-07	3.35E+02	6.45E+00	0.00E+00	0.00E+00	4.20E-01	3.94E+01	5.88E+03	0.00E+00	1.13E-06	9.61E-06	4.58E-01	9.03E-03	1.56E+03	0.00E+00	5.88E+03	8.25E-05	5.88E+03	7.44E+03	1.56E+03	0.00E+00	0.00E+00	0.00E+00	1.79E+01
HW1M406FB	4.26E-01	8.31E+01	1.53E-01	8.29E+01	0.00E+00	0.00E+00	1.57E+02	2.19E-04	5.18E-02	8.33E-01	0.00E+00	3.64E+00	1.04E-08	2.49E-07	1.19E+02	2.30E+00	0.00E+00	0.00E+00	1.50E-01	1.40E+01	2.10E+03	0.00E+00	4.02E-07	3.43E-06	1.63E-01	3.22E-03	5.55E+02	0.00E+00	2.10E+03	2.94E-05	2.10E+03	2.65E+03	5.55E+02	0.00E+00	0.00E+00	0.00E+00	6.38E+00
HW1M406FE	5.77E-01	1.13E+02	2.07E-01	1.12E+02	0.00E+00	0.00E+00	2.13E+02	2.97E-04	7.03E-02	1.13E+00	0.00E+00	4.94E+00	1.42E-08	3.39E-07	1.62E+02	3.12E+00	0.00E+00	0.00E+00	2.03E-01	1.90E+01	2.84E+03	0.00E+00	5.46E-07	4.65E-06	2.21E-01	4.37E-03	7.53E+02	0.00E+00	2.84E+03	3.99E-05	2.84E+03	3.60E+03	7.53E+02	0.00E+00	0.00E+00	0.00E+00	8.63E+00
HW1M408DB	1.64E+00	3.20E+02	5.89E-01	3.20E+02	0.00E+00	0.00E+00	6.05E+02	8.43E-04	2.00E-01	3.21E+00	0.00E+00	1.40E+01	4.03E-08	9.62E-07	4.60E+02	8.86E+00	0.00E+00	0.00E+00	5.76E-01	5.41E+01	8.08E+03	0.00E+00	1.55E-06	1.32E-05	6.29E-01	1.24E-02	2.14E+03	0.00E+00	8.08E+03	1.13E-04	8.08E+03	1.02E+04	2.14E+03	0.00E+00	0.00E+00	0.00E+00	2.45E+01
HW1M408DE	1.79E+00	3.50E+02	6.44E-01	3.49E+02	0.00E+00	0.00E+00	6.61E+02	9.21E-04	2.18E-01	3.51E+00	0.00E+00	1.53E+01	4.40E-08	1.05E-06	5.03E+02	9.68E+00	0.00E+00	0.00E+00	6.30E-01	5.91E+01	8.83E+03	0.00E+00	1.70E-06	1.44E-05	6.87E-01	1.36E-02	2.34E+03	0.00E+00	8.83E+03	1.24E-04	8.83E+03	1.12E+04	2.34E+03	0.00E+00	0.00E+00	0.00E+00	2.68E+01
HW1M408FB	6.68E-01	1.30E+02	2.40E-01	1.30E+02	0.00E+00	0.00E+00	2.46E+02	3.43E-04	8.13E-02	1.31E+00	0.00E+00	5.71E+00	1.64E-08	3.91E-07	1.87E+02	3.61E+00	0.00E+00	0.00E+00	2.35E-01	2.20E+01	3.29E+03	0.00E+00	6.31E-07	5.37E-06	2.56E-01	5.05E-03	8.70E+02	0.00E+00	3.29E+03	4.61E-05	3.29E+03	4.16E+03	8.70E+02	0.00E+00	0.00E+00	0.00E+00	9.98E+00
HW1M408FE	8.20E-01	1.60E+02	2.94E-01	1.60E+02	0.00E+00	0.00E+00	3.02E+02	4.21E-04	9.98E-02	1.60E+00	0.00E+00	7.01E+00	2.01E-08	4.80E-07	2.30E+02	4.43E+00	0.00E+00	0.00E+00	2.88E-01	2.70E+01	4.04E+03	0.00E+00	7.75E-07	6.60E-06	3.14E-01	6.20E-03	1.07E+03	0.00E+00	4.04E+03	5.66E-05	4.04E+03	5.11E+03	1.07E+03	0.00E+00	0.00E+00	0.00E+00	1.23E+01
HW1M410DB	2.72E+00	5.31E+02	9.78E-01	5.30E+02	0.00E+00	0.00E+00	1.00E+03	1.40E-03	3.32E-01	5.33E+00	0.00E+00	2.33E+01	6.68E-08	1.60E-06	7.64E+02	1.47E+01	0.00E+00	0.00E+00	9.57E-01	8.97E+01	1.34E+04	0.00E+00	2.58E-06	2.19E-05	1.04E+00	2.06E-02	3.55E+03	0.00E+00	1.34E+04	1.88E-04	1.34E+04	1.70E+04	3.55E+03	0.00E+00	0.00E+00	0.00E+00	4.07E+01
HW1M410DE	2.87E+00	5.61E+02	1.03E+00	5.60E+02	0.00E+00	0.00E+00	1.06E+03	1.48E-03	3.50E-01	5.62E+00	0.00E+00	2.46E+01	7.05E-08	1.69E-06	8.06E+02	1.55E+01	0.00E+00	0.00E+00	1.01E+00	9.47E+01	1.42E+04	0.00E+00	2.72E-06	2.31E-05	1.10E+00	2.17E-02	3.75E+03	0.00E+00	1.42E+04	1.98E-04	1.42E+04	1.79E+04	3.75E+03	0.00E+00	0.00E+00	0.00E+00	4.30E+01
HW1M410FB	1.23E+00	2.40E+02	4.41E-01	2.39E+02	0.00E+00	0.00E+00	4.53E+02	6.31E-04	1.50E-01	2.40E+00	0.00E+00	1.05E+01	3.01E-08	7.20E-07	3.44E+02	6.63E+00	0.00E+00	0.00E+00	4.31E-01	4.05E+01	6.05E+03	0.00E+00	1.16E-06	9.88E-06	4.71E-01	9.28E-03	1.60E+03	0.00E+00	6.05E+03	8.48E-05	6.05E+03	7.65E+03	1.60E+03	0.00E+00	0.00E+00	0.00E+00	1.84E+01
HW1M410FE	1.38E+00	2.69E+02	4.95E-01	2.68E+02	0.00E+00	0.00E+00	5.09E+02	7.08E-04	1.68E-01	2.70E+00	0.00E+00	1.18E+01	3.39E-08	8.09E-07	3.87E+02	7.45E+00	0.00E+00	0.00E+00	4.85E-01	4.55E+01	6.80E+03	0.00E+00	1.30E-06	1.11E-05	5.29E-01	1.04E-02	1.80E+03	0.00E+00	6.80E+03	9.52E-05	6.80E+03	8.59E+03	1.80E+03	0.00E+00	0.00E+00	0.00E+00	2.06E+01
HW1M412DB	4.55E+00	8.89E+02	1.64E+00	8.87E+02	0.00E+00	0.00E+00	1.68E+03	2.34E-03	5.55E-01	8.91E+00	0.00E+00	3.90E+01	1.12E-07	2.67E-06	1.28E+03	2.46E+01	0.00E+00	0.00E+00	1.60E+00	1.50E+02	2.24E+04	0.00E+00	4.31E-06	3.67E-05	1.75E+00	3.44E-02	5.94E+03	0.00E+00	2.24E+04	3.14E-04	2.24E+04	2.84E+04	5.94E+03	0.00E+00	0.00E+00	0.00E+00	6.81E+01
HW1M412DE	4.71E+00	9.19E+02	1.69E+00	9.17E+02	0.00E+00	0.00E+00	1.74E+03	2.42E-03	5.73E-01	9.21E+00	0.00E+00	4.03E+01	1.16E-07	2.76E-06	1.32E+03	2.54E+01	0.00E+00	0.00E+00	1.65E+00	1.55E+02	2.32E+04	0.00E+00	4.45E-06	3.79E-05	1.80E+00	3.56E-02	6.14E+03	0.00E+00	2.32E+04	3.25E-04	2.32E+04	2.93E+04	6.14E+03	0.00E+00	0.00E+00	0.00E+00	7.04E+01
HW1M412FB	1.73E+00	3.38E+02	6.22E-01	3.37E+02	0.00E+00	0.00E+00	6.38E+02	8.89E-04	2.11E-01	3.39E+00	0.00E+00	1.48E+01	4.25E-08	1.01E-06	4.86E+02	9.35E+00	0.00E+00	0.00E+00	6.08E-01	5.70E+01	8.53E+03	0.00E+00	1.64E-06	1.39E-05	6.63E-01	1.31E-02	2.26E+03	0.00E+00	8.53E+03	1.19E-04	8.53E+03	1.08E+04	2.26E+03	0.00E+00	0.00E+00	0.00E+00	2.59E+01
HW1M412FE	1.88E+00	3.67E+02	6.76E-01	3.67E+02	0.00E+00	0.00E+00	6.94E+02	9.67E-04	2.29E-01	3.68E+00	0.00E+00	1.61E+01	4.62E-08	1.10E-06	5.28E+02	1.02E+01	0.00E+00	0.00E+00	6.61E-01	6.20E+01	9.27E+03	0.00E+00	1.78E-06	1.52E-05	7.22E-01	1.42E-02	2.45E+03	0.00E+00	9.27E+03	1.30E-04	9.27E+03	1.17E+04	2.45E+03	0.00E+00	0.00E+00	0.00E+00	2.81E+01
HW1M416DB	8.62E+00	1.68E+03	3.09E+00	1.68E+03	0.00E+00	0.00E+00	3.18E+03	4.43E-03	1.05E+00	1.69E+01	0.00E+00	7.37E+01	2.11E-07	5.05E-06	2.42E+03	4.65E+01	0.00E+00	0.00E+00	3.03E+00	2.84E+02	4.25E+04	0.00E+00	8.15E-06	6.94E-05	3.30E+00	6.52E-02	1.12E+04	0.00E+00	4.25E+04	5.95E-04	4.25E+04	5.37E+04	1.12E+04	0.00E+00	0.00E+00	0.00E+00	1.29E+02
HW1M416DE	8.77E+00	1.71E+03	3.15E+00	1.71E+03	0.00E+00	0.00E+00	3.23E+03	4.51E-03	1.07E+00	1.72E+01	0.00E+00	7.50E+01	2.15E-07	5.14E-06	2.46E+03	4.74E+01	0.00E+00	0.00E+00	3.08E+00	2.89E+02	4.32E+04	0.00E+00	8.29E-06	7.06E-05	3.36E+00	6.63E-02	1.14E+04	0.00E+00	4.32E+04	6.05E-04	4.32E+04	5.46E+04	1.14E+04	0.00E+00	0.00E+00	0.00E+00	1.31E+02
HW1M416FB	3.18E+00	6.21E+02	1.14E+00	6.20E+02	0.00E+00	0.00E+00	1.17E+03	1.63E-03	3.87E-01	6.23E+00	0.00E+00	2.72E+01	7.81E-08	1.86E-06	8.92E+02	1.72E+01	0.00E+00	0.00E+00	1.12E+00	1.05E+02	1.57E+04	0.00E+00	3.01E-06	2.56E-05	1.22E+00	2.41E-02	4.15E+03	0.00E+00	1.57E+04	2.20E-04	1.57E+04	1.98E+04	4.15E+03	0.00E+00	0.00E+00	0.00E+00	4.76E+01
HW1M416FE	3.34E+00	6.51E+02	1.20E+00	6.50E+02	0.00E+00	0.00E+00	1.23E+03	1.71E-03	4.06E-01	6.53E+00	0.00E+00	2.85E+01	8.18E-08	1.96E-06	9.36E+02	1.80E+01	0.00E+00	0.00E+00	1.17E+00	1.10E+02	1.64E+04	0.00E+00	3.15E-06	2.68E-05	1.28E+00	2.52E-02	4.35E+03	0.00E+00	1.64E+04	2.30E-04	1.64E+04	2.08E+04	4.35E+03	0.00E+00	0.00E+00	0.00E+00	4.99E+01
HW1N304DB	5.58E-01	1.09E+02	2.01E-01	1.08E+02	0.00E+00	0.00E+00	2.06E+02	2.87E-04	6.80E-02	1.09E+00	0.00E+00	4.78E+00	1.37E-08	3.27E-07	1.57E+02	3.02E+00	0.00E+00	0.00E+00	1.96E-01	1.84E+01	2.75E+03	0.00E+00	5.28E-07	4.50E-06	2.14E-01	4.22E-03	7.28E+02	0.00E+00	2.75E+03	3.86E-05	2.75E+03	3.48E+03	7.28E+02	0.00E+00	0.00E+00	0.00E+00	8.35E+00
HW1N304DE	7.10E-01	1.39E+02	2.55E-01	1.38E+02	0.00E+00	0.00E+00	2.62E+02	3.65E-04	8.65E-02	1.39E+00	0.00E+00	6.08E+00	1.74E-08	4.16E-07	1.99E+02	3.84E+00	0.00E+00	0.00E+00	2.50E-01	2.34E+01	3.50E+03	0.00E+00	6.72E-07	5.72E-06	2.72E-01	5.37E-03	9.26E+02	0.00E+00	3.50E+03	4.90E-05	3.50E+03	4.43E+03	9.26E+02	0.00E+00	0.00E+00	0.00E+00	1.06E+01
HW1N304FB	2.26E-01	4.42E+01	8.13E-02	4.41E+01	0.00E+00	0.00E+00	8.34E+01	1.16E-04	2.76E-02	4.43E-01	0.00E+00	1.94E+00	5.55E-09	1.33E-07	6.35E+01	1.22E+00	0.00E+00	0.00E+00	7.95E-02	7.46E+00	1.11E+03	0.00E+00	2.14E-07	1.82E-06	8.67E-02	1.71E-03	2.95E+02	0.00E+00	1.11E+03	1.56E-05	1.11E+03	1.41E+03	2.95E+02	0.00E+00	0.00E+00	0.00E+00	3.38E+00
HW1N304FE	3.78E-01	7.38E+01	1.36E-01	7.37E+01	0.00E+00	0.00E+00	1.39E+02	1.94E-04	4.61E-02	7.40E-01	0.00E+00	3.23E+00	9.28E-09	2.22E-07	1.06E+02	2.04E+00	0.00E+00	0.00E+00	1.33E-01	1.25E+01	1.86E+03	0.00E+00	3.58E-07	3.04E-06	1.45E-01	2.86E-03	4.93E+02	0.00E+00	1.86E+03	2.61E-05	1.86E+03	2.36E+03	4.93E+02	0.00E+00	0.00E+00	0.00E+00	5.65E+00
HW1N306DB	1.04E+00	2.03E+02	3.74E-01	2.03E+02	0.00E+00	0.00E+00	3.84E+02	5.36E-04	1.27E-01	2.04E+00	0.00E+00	8.92E+00	2.56E-08	6.11E-07	2.93E+02	5.63E+00	0.00E+00	0.00E+00	3.66E-01	3.44E+01	5.14E+03	0.00E+00	9.86E-07	8.39E-06	4.00E-01	7.88E-03	1.36E+03	0.00E+00	5.14E+03	7.20E-05	5.14E+03	6.50E+03	1.36E+03	0.00E+00	0.00E+00	0.00E+00	1.56E+01
HW1N306DE	1.19E+00	2.33E+02	4.29E-01	2.33E+02	0.00E+00	0.00E+00	4.40E+02	6.14E-04	1.45E-01	2.34E+00	0.00E+00	1.02E+01	2.93E-08	7.00E-07	3.35E+02	6.45E+00	0.00E+00	0.00E+00	4.20E-01	3.94E+01	5.88E+03	0.00E+00	1.13E-06	9.61E-06	4.58E-01	9.03E-03	1.56E+03	0.00E+00	5.88E+03	8.25E-05	5.88E+03	7.44E+03	1.56E+03	0.00E+00	0.00E+00	0.00E+00	1.79E+01
HW1N306FB	4.26E-01	8.31E+01	1.53E-01	8.29E+01	0.00E+00	0.00E+00	1.57E+02	2.19E-04	5.18E-02	8.33E-01	0.00E+00	3.64E+00	1.04E-08	2.49E-07	1.19E+02	2.30E+00	0.00E+00	0.00E+00	1.50E-01	1.40E+01	2.10E+03	0.00E+00	4.02E-07	3.43E-06	1.63E-01	3.22E-03	5.55E+02	0.00E+00	2.10E+03	2.94E-05	2.10E+03	2.65E+03	5.55E+02	0.00E+00	0.00E+00	0.00E+00	6.38E+00
HW1N306FE	5.77E-01	1.13E+02	2.07E-01	1.12E+02	0.00E+00	0.00E+00	2.13E+02	2.97E-04	7.03E-02	1.13E+00	0.00E+00	4.94E+00	1.42E-08	3.39E-07	1.62E+02	3.12E+00	0.00E+00	0.00E+00	2.03E-01	1.90E+01	2.84E+03	0.00E+00	5.46E-07	4.65E-06	2.21E-01	4.37E-03	7.53E+02	0.00E+00	2.84E+03	3.99E-05	2.84E+03	3.60E+03	7.53E+02	0.00E+00	0.00E+00	0.00E+00	8.63E+00
HW1N308DB	1.64E+00	3.20E+02	5.89E-01	3.20E+02	0.00E+00	0.00E+00	6.05E+02	8.43E-04	2.00E-01	3.21E+00	0.00E+00	1.40E+01	4.03E-08	9.62E-07	4.60E+02	8.86E+00	0.00E+00	0.00E+00	5.76E-01	5.41E+01	8.08E+03	0.00E+00	1.55E-06	1.32E-05	6.29E-01	1.24E-02	2.14E+03	0.00E+00	8.08E+03	1.13E-04	8.08E+03	1.02E+04	2.14E+03	0.00E+00	0.00E+00	0.00E+00	2.45E+01
HW1N308DE	1.79E+00	3.50E+02	6.44E-01	3.49E+02	0.00E+00	0.00E+00	6.61E+02	9.21E-04	2.18E-01	3.51E+00	0.00E+00	1.53E+01	4.40E-08	1.05E-06	5.03E+02	9.68E+00	0.00E+00	0.00E+00	6.30E-01	5.91E+01	8.83E+03	0.00E+00	1.70E-06	1.44E-05	6.87E-01	1.36E-02	2.34E+03	0.00E+00	8.83E+03	1.24E-04	8.83E+03	1.12E+04	2.34E+03	0.00E+00	0.00E+00	0.00E+00	2.68E+01
HW1N308FB	6.68E-01	1.30E+02	2.40E-01	1.30E+02	0.00E+00	0.00E+00	2.46E+02	3.43E-04	8.13E-02	1.31E+00	0.00E+00	5.71E+00	1.64E-08	3.91E-07	1.87E+02	3.61E+00	0.00E+00	0.00E+00	2.35E-01	2.20E+01	3.29E+03	0.00E+00	6.31E-07	5.37E-06	2.56E-01	5.05E-03	8.70E+02	0.00E+00	3.29E+03	4.61E-05	3.29E+03	4.16E+03	8.70E+02	0.00E+00	0.00E+00	0.00E+00	9.98E+00
HW1N308FE	8.20E-01	1.60E+02	2.94E-01	1.60E+02	0.00E+00	0.00E+00	3.02E+02	4.21E-04	9.98E-02	1.60E+00	0.00E+00	7.01E+00	2.01E-08	4.80E-07	2.30E+02	4.43E+00	0.00E+00	0.00E+00	2.88E-01	2.70E+01	4.04E+03	0.00E+00	7.75E-07	6.60E-06	3.14E-01	6.20E-03	1.07E+03	0.00E+00	4.04E+03	5.66E-05	4.04E+03	5.11E+03	1.07E+03	0.00E+00	0.00E+00	0.00E+00	1.23E+01
HW1N310DB	2.72E+00	5.31E+02	9.78E-01	5.30E+02	0.00E+00	0.00E+00	1.00E+03	1.40E-03	3.32E-01	5.33E+00	0.00E+00	2.33E+01	6.68E-08	1.60E-06	7.64E+02	1.47E+01	0.00E+00	0.00E+00	9.57E-01	8.97E+01	1.34E+04	0.00E+00	2.58E-06	2.19E-05	1.04E+00	2.06E-02	3.55E+03	0.00E+00	1.34E+04	1.88E-04	1.34E+04	1.70E+04	3.55E+03	0.00E+00	0.00E+00	0.00E+00	4.07E+01
HW1N310DE	2.87E+00	5.61E+02	1.03E+00	5.60E+02	0.00E+00	0.00E+00	1.06E+03	1.48E-03	3.50E-01	5.62E+00	0.00E+00	2.46E+01	7.05E-08	1.69E-06	8.06E+02	1.55E+01	0.00E+00	0.00E+00	1.01E+00	9.47E+01	1.42E+04	0.00E+00	2.72E-06	2.31E-05	1.10E+00	2.17E-02	3.75E+03	0.00E+00	1.42E+04	1.98E-04	1.42E+04	1.79E+04	3.75E+03	0.00E+00	0.00E+00	0.00E+00	4.30E+01
HW1N310FB	1.23E+00	2.40E+02	4.41E-01	2.39E+02	0.00E+00	0.00E+00	4.53E+02	6.31E-04	1.50E-01	2.40E+00	0.00E+00	1.05E+01	3.01E-08	7.20E-07	3.44E+02	6.63E+00	0.00E+00	0.00E+00	4.31E-01	4.05E+01	6.05E+03	0.00E+00	1.16E-06	9.88E-06	4.71E-01	9.28E-03	1.60E+03	0.00E+00	6.05E+03	8.48E-05	6.05E+03	7.65E+03	1.60E+03	0.00E+00	0.00E+00	0.00E+00	1.84E+01
HW1N310FE	1.38E+00	2.69E+02	4.95E-01	2.68E+02	0.00E+00	0.00E+00	5.09E+02	7.08E-04	1.68E-01	2.70E+00	0.00E+00	1.18E+01	3.39E-08	8.09E-07	3.87E+02	7.45E+00	0.00E+00	0.00E+00	4.85E-01	4.55E+01	6.80E+03	0.00E+00	1.30E-06	1.11E-05	5.29E-01	1.04E-02	1.80E+03	0.00E+00	6.80E+03	9.52E-05	6.80E+03	8.59E+03	1.80E+03	0.00E+00	0.00E+00	0.00E+00	2.06E+01
HW1N312DB	4.55E+00	8.89E+02	1.64E+00	8.87E+02	0.00E+00	0.00E+00	1.68E+03	2.34E-03	5.55E-01	8.91E+00	0.00E+00	3.90E+01	1.12E-07	2.67E-06	1.28E+03	2.46E+01	0.00E+00	0.00E+00	1.60E+00	1.50E+02	2.24E+04	0.00E+00	4.31E-06	3.67E-05	1.75E+00	3.44E-02	5.94E+03	0.00E+00	2.24E+04	3.14E-04	2.24E+04	2.84E+04	5.94E+03	0.00E+00	0.00E+00	0.00E+00	6.81E+01
HW1N312DE	4.71E+00	9.19E+02	1.69E+00	9.17E+02	0.00E+00	0.00E+00	1.74E+03	2.42E-03	5.73E-01	9.21E+00	0.00E+00	4.03E+01	1.16E-07	2.76E-06	1.32E+03	2.54E+01	0.00E+00	0.00E+00	1.65E+00	1.55E+02	2.32E+04	0.00E+00	4.45E-06	3.79E-05	1.80E+00	3.56E-02	6.14E+03	0.00E+00	2.32E+04	3.25E-04	2.32E+04	2.93E+04	6.14E+03	0.00E+00	0.00E+00	0.00E+00	7.04E+01
HW1N312FB	1.73E+00	3.38E+02	6.22E-01	3.37E+02	0.00E+00	0.00E+00	6.38E+02	8.89E-04	2.11E-01	3.39E+00	0.00E+00	1.48E+01	4.25E-08	1.01E-06	4.86E+02	9.35E+00	0.00E+00	0.00E+00	6.08E-01	5.70E+01	8.53E+03	0.00E+00	1.64E-06	1.39E-05	6.63E-01	1.31E-02	2.26E+03	0.00E+00	8.53E+03	1.19E-04	8.53E+03	1.08E+04	2.26E+03	0.00E+00	0.00E+00	0.00E+00	2.59E+01
HW1N312FE	1.88E+00	3.67E+02	6.76E-01	3.67E+02	0.00E+00	0.00E+00	6.94E+02	9.67E-04	2

HW1W406FS	3.18E-01	6.21E+03	1.14E-01	6.20E+01	0.00E+00	0.00E+00	1.17E+02	1.63E-04	3.87E-02	6.22E-01	0.00E+00	2.72E+00	7.80E-09	1.86E-07	8.92E+01	1.72E+00	0.00E+00	0.00E+00	1.12E-01	1.05E+01	1.57E+03	0.00E+00	3.01E-07	2.56E-06	1.22E-01	2.40E+03	4.15E+02	0.00E+00	1.57E+03	2.20E-05	1.57E+03	1.98E+03	4.15E+02	0.00E+00	0.00E+00	0.00E+00	4.75E+00
HW1W408DS	1.53E+00	2.99E+02	5.51E-01	2.99E+02	0.00E+00	0.00E+00	5.65E+02	7.88E-04	1.87E-01	3.00E+00	0.00E+00	1.31E+01	3.76E-08	8.99E-07	4.30E+02	8.28E+00	0.00E+00	0.00E+00	5.39E-01	5.05E+01	7.55E+03	0.00E+00	1.45E-06	1.23E-05	5.88E-01	1.16E-02	2.00E+03	0.00E+00	7.55E+03	1.06E-04	7.55E+03	9.55E+03	2.00E+03	0.00E+00	0.00E+00	0.00E+00	2.29E+01
HW1W408FS	5.60E-01	1.09E+02	2.01E-01	1.09E+02	0.00E+00	0.00E+00	2.06E+02	2.88E-04	6.82E-02	1.10E+00	0.00E+00	4.79E+00	1.37E-08	3.28E-07	1.57E+02	3.02E+00	0.00E+00	0.00E+00	1.97E-01	1.85E+01	2.76E+03	0.00E+00	5.30E-07	4.51E-06	2.15E-01	4.24E+03	7.30E+02	0.00E+00	2.76E+03	3.87E-05	2.76E+03	3.49E+03	7.30E+02	0.00E+00	0.00E+00	0.00E+00	8.37E+00
HW1W410DS	2.62E+00	5.10E+02	9.39E-01	5.09E+02	0.00E+00	0.00E+00	9.64E+02	1.34E-03	3.19E-01	5.12E+00	0.00E+00	2.24E+01	6.42E-08	1.53E-06	7.34E+02	1.41E+01	0.00E+00	0.00E+00	9.19E-01	8.62E+01	1.29E+04	0.00E+00	2.47E-06	2.10E-05	1.00E+00	1.98E-02	3.41E+03	0.00E+00	1.29E+04	1.81E-04	1.29E+04	1.62E+04	3.41E+03	0.00E+00	0.00E+00	0.00E+00	3.91E+01
HW1W410FS	1.12E+00	2.19E+02	4.02E-01	2.18E+02	0.00E+00	0.00E+00	4.13E+02	5.75E-04	1.36E-01	2.19E+00	0.00E+00	9.58E+00	2.75E-08	6.57E-07	3.14E+02	6.05E+00	0.00E+00	0.00E+00	3.94E-01	3.69E+01	5.52E+03	0.00E+00	1.06E-06	9.02E-06	4.29E-01	8.47E+03	1.46E+03	0.00E+00	5.52E+03	7.73E-05	5.52E+03	6.98E+03	1.46E+03	0.00E+00	0.00E+00	0.00E+00	1.67E+01
HW1W412DS	4.45E+00	8.68E+02	1.60E+00	8.66E+02	0.00E+00	0.00E+00	1.64E+03	2.28E-03	5.42E-01	8.70E+00	0.00E+00	3.80E+01	1.09E-07	2.61E-06	1.25E+03	2.40E+01	0.00E+00	0.00E+00	1.56E+00	1.47E+02	2.19E+04	0.00E+00	4.21E-06	3.58E-05	1.70E+00	3.36E-02	5.80E+03	0.00E+00	2.19E+04	3.07E-04	2.19E+04	2.77E+04	5.80E+03	0.00E+00	0.00E+00	0.00E+00	6.65E+01
HW1W412FS	1.62E+00	3.17E+02	5.83E-01	3.16E+02	0.00E+00	0.00E+00	5.98E+02	8.34E-04	1.98E-01	3.18E+00	0.00E+00	1.39E+01	3.98E-08	9.52E-07	4.55E+02	8.77E+00	0.00E+00	0.00E+00	5.70E-01	5.35E+01	8.00E+03	0.00E+00	1.54E-06	1.31E-05	6.22E-01	1.23E-02	2.12E+03	0.00E+00	8.00E+03	1.12E-04	8.00E+03	1.01E+04	2.12E+03	0.00E+00	0.00E+00	0.00E+00	2.43E+01
HW1W416DS	8.51E+00	1.66E+03	3.06E+00	1.66E+03	0.00E+00	0.00E+00	3.14E+03	4.37E-03	1.04E+00	1.67E+01	0.00E+00	7.28E+01	2.09E-07	4.99E-06	2.39E+03	4.60E+01	0.00E+00	0.00E+00	2.99E+00	2.80E+02	4.19E+04	0.00E+00	8.05E-06	6.85E-05	3.26E+00	6.44E-02	1.11E+04	0.00E+00	4.19E+04	5.88E-04	4.19E+04	5.30E+04	1.11E+04	0.00E+00	0.00E+00	0.00E+00	1.27E+02
HW1W416FS	3.08E+00	6.00E+02	1.10E+00	5.99E+02	0.00E+00	0.00E+00	1.13E+03	1.58E-03	3.75E-01	6.02E+00	0.00E+00	2.63E+01	7.55E-08	1.80E-06	8.63E+02	1.66E+01	0.00E+00	0.00E+00	1.08E+00	1.01E+02	1.52E+04	0.00E+00	2.91E-06	2.48E-05	1.18E+00	2.33E-02	4.01E+03	0.00E+00	1.52E+04	2.12E-04	1.52E+04	1.92E+04	4.01E+03	0.00E+00	0.00E+00	0.00E+00	4.60E+01
HF2S325DCIH-MTS	9.80E+00	1.91E+03	3.52E+00	1.91E+03	0.00E+00	0.00E+00	3.61E+03	5.03E-03	1.19E+00	1.92E+01	0.00E+00	8.38E+01	2.40E-07	5.74E-06	2.75E+03	5.29E+01	0.00E+00	0.00E+00	3.44E+00	3.23E+02	4.83E+04	0.00E+00	9.27E-06	7.89E-05	3.78E+00	7.41E-02	1.28E+04	0.00E+00	4.83E+04	6.76E-04	4.83E+04	6.10E+04	1.28E+04	0.00E+00	0.00E+00	0.00E+00	1.46E+02
HF2S325DEIH-MTS	9.80E+00	1.91E+03	3.52E+00	1.91E+03	0.00E+00	0.00E+00	3.61E+03	5.03E-03	1.19E+00	1.92E+01	0.00E+00	8.38E+01	2.40E-07	5.74E-06	2.75E+03	5.29E+01	0.00E+00	0.00E+00	3.44E+00	3.23E+02	4.83E+04	0.00E+00	9.27E-06	7.89E-05	3.78E+00	7.41E-02	1.28E+04	0.00E+00	4.83E+04	6.76E-04	4.83E+04	6.10E+04	1.28E+04	0.00E+00	0.00E+00	0.00E+00	1.46E+02
HF2S425DCIH-MTS	9.80E+00	1.91E+03	3.52E+00	1.91E+03	0.00E+00	0.00E+00	3.61E+03	5.03E-03	1.19E+00	1.92E+01	0.00E+00	8.38E+01	2.40E-07	5.74E-06	2.75E+03	5.29E+01	0.00E+00	0.00E+00	3.44E+00	3.23E+02	4.83E+04	0.00E+00	9.27E-06	7.89E-05	3.78E+00	7.41E-02	1.28E+04	0.00E+00	4.83E+04	6.76E-04	4.83E+04	6.10E+04	1.28E+04	0.00E+00	0.00E+00	0.00E+00	1.46E+02
HF2S425DEIH-MTS	9.80E+00	1.91E+03	3.52E+00	1.91E+03	0.00E+00	0.00E+00	3.61E+03	5.03E-03	1.19E+00	1.92E+01	0.00E+00	8.38E+01	2.40E-07	5.74E-06	2.75E+03	5.29E+01	0.00E+00	0.00E+00	3.44E+00	3.23E+02	4.83E+04	0.00E+00	9.27E-06	7.89E-05	3.78E+00	7.41E-02	1.28E+04	0.00E+00	4.83E+04	6.76E-04	4.83E+04	6.10E+04	1.28E+04	0.00E+00	0.00E+00	0.00E+00	1.46E+02
HF2W325DSAH-MTS	9.70E+00	1.89E+03	3.49E+00	1.89E+03	0.00E+00	0.00E+00	3.58E+03	4.99E-03	1.18E+00	1.90E+01	0.00E+00	8.30E+01	2.38E-07	5.69E-06	2.72E+03	5.24E+01	0.00E+00	0.00E+00	3.41E+00	3.20E+02	4.78E+04	0.00E+00	9.18E-06	7.81E-05	3.72E+00	7.34E-02	1.27E+04	0.00E+00	4.78E+04	6.70E-04	4.78E+04	6.05E+04	1.27E+04	0.00E+00	0.00E+00	0.00E+00	1.45E+02
HF2W425DSAH-MTS	9.70E+00	1.89E+03	3.49E+00	1.89E+03	0.00E+00	0.00E+00	3.58E+03	4.99E-03	1.18E+00	1.90E+01	0.00E+00	8.30E+01	2.38E-07	5.69E-06	2.72E+03	5.24E+01	0.00E+00	0.00E+00	3.41E+00	3.20E+02	4.78E+04	0.00E+00	9.18E-06	7.81E-05	3.72E+00	7.34E-02	1.27E+04	0.00E+00	4.78E+04	6.70E-04	4.78E+04	6.05E+04	1.27E+04	0.00E+00	0.00E+00	0.00E+00	1.45E+02
HF2W420FSAI-MTS	3.41E+00	6.66E+02	1.22E+00	6.64E+02	0.00E+00	0.00E+00	1.26E+03	1.75E-03	4.15E-01	6.67E+00	0.00E+00	2.92E+01	8.37E-08	2.00E-06	9.57E+02	1.84E+01	0.00E+00	0.00E+00	1.20E+00	1.12E+02	1.68E+04	0.00E+00	3.23E-06	2.74E-05	1.31E+00	2.58E-02	4.45E+03	0.00E+00	1.68E+04	2.35E-04	1.68E+04	2.12E+04	4.45E+03	0.00E+00	0.00E+00	0.00E+00	5.10E+01
HF2E420FCHI-MTS	3.51E+00	6.84E+02	1.26E+00	6.83E+02	0.00E+00	0.00E+00	1.29E+03	1.80E-03	4.27E-01	6.86E+00	0.00E+00	3.00E+01	8.60E-08	2.05E-06	9.83E+02	1.89E+01	0.00E+00	0.00E+00	1.23E+00	1.16E+02	1.73E+04	0.00E+00	3.31E-06	2.82E-05	1.34E+00	2.65E-02	4.57E+03	0.00E+00	1.73E+04	2.42E-04	1.73E+04	2.18E+04	4.57E+03	0.00E+00	0.00E+00	0.00E+00	5.24E+01
HF2S325FCIH-MTS	4.86E+00	9.49E+02	1.75E+00	9.47E+02	0.00E+00	0.00E+00	1.79E+03	2.50E-03	5.92E-01	9.51E+00	0.00E+00	4.16E+01	1.19E-07	2.85E-06	1.36E+03	2.63E+01	0.00E+00	0.00E+00	1.71E+00	1.60E+02	2.40E+04	0.00E+00	4.60E-06	3.91E-05	1.86E+00	3.68E-02	6.34E+03	0.00E+00	2.40E+04	3.36E-04	2.40E+04	3.03E+04	6.34E+03	0.00E+00	0.00E+00	0.00E+00	7.27E+01
HF2S325FEIH-MTS	4.86E+00	9.49E+02	1.75E+00	9.47E+02	0.00E+00	0.00E+00	1.79E+03	2.50E-03	5.92E-01	9.51E+00	0.00E+00	4.16E+01	1.19E-07	2.85E-06	1.36E+03	2.63E+01	0.00E+00	0.00E+00	1.71E+00	1.60E+02	2.40E+04	0.00E+00	4.60E-06	3.91E-05	1.86E+00	3.68E-02	6.34E+03	0.00E+00	2.40E+04	3.36E-04	2.40E+04	3.03E+04	6.34E+03	0.00E+00	0.00E+00	0.00E+00	7.27E+01
HF2S425FCIH-MTS	4.86E+00	9.49E+02	1.75E+00	9.47E+02	0.00E+00	0.00E+00	1.79E+03	2.50E-03	5.92E-01	9.51E+00	0.00E+00	4.16E+01	1.19E-07	2.85E-06	1.36E+03	2.63E+01	0.00E+00	0.00E+00	1.71E+00	1.60E+02	2.40E+04	0.00E+00	4.60E-06	3.91E-05	1.86E+00	3.68E-02	6.34E+03	0.00E+00	2.40E+04	3.36E-04	2.40E+04	3.03E+04	6.34E+03	0.00E+00	0.00E+00	0.00E+00	7.27E+01
HF2S425FEIH-MTS	4.86E+00	9.49E+02	1.75E+00	9.47E+02	0.00E+00	0.00E+00	1.79E+03	2.50E-03	5.92E-01	9.51E+00	0.00E+00	4.16E+01	1.19E-07	2.85E-06	1.36E+03	2.63E+01	0.00E+00	0.00E+00	1.71E+00	1.60E+02	2.40E+04	0.00E+00	4.60E-06	3.91E-05	1.86E+00	3.68E-02	6.34E+03	0.00E+00	2.40E+04	3.36E-04	2.40E+04	3.03E+04	6.34E+03	0.00E+00	0.00E+00	0.00E+00	7.27E+01
HF2W325FSAH-MTS	4.77E+00	9.31E+02	1.71E+00	9.29E+02	0.00E+00	0.00E+00	1.76E+03	2.45E-03	5.81E-01	9.33E+00	0.00E+00	4.08E+01	1.17E-07	2.80E-06	1.34E+03	2.57E+01	0.00E+00	0.00E+00	1.67E+00	1.57E+02	2.35E+04	0.00E+00	4.51E-06	3.84E-05	1.83E+00	3.61E-02	6.22E+03	0.00E+00	2.35E+04	3.29E-04	2.35E+04	2.97E+04	6.22E+03	0.00E+00	0.00E+00	0.00E+00	7.13E+01
HF2W425FSAH-MTS	4.77E+00	9.31E+02	1.71E+00	9.29E+02	0.00E+00	0.00E+00	1.76E+03	2.45E-03	5.81E-01	9.33E+00	0.00E+00	4.08E+01	1.17E-07	2.80E-06	1.34E+03	2.57E+01	0.00E+00	0.00E+00	1.67E+00	1.57E+02	2.35E+04	0.00E+00	4.51E-06	3.84E-05	1.83E+00	3.61E-02	6.22E+03	0.00E+00	2.35E+04	3.29E-04	2.35E+04	2.97E+04	6.22E+03	0.00E+00	0.00E+00	0.00E+00	7.13E+01
HF2W425FSAI-MTS	5.10E+00	9.96E+02	1.83E+00	9.94E+02	0.00E+00	0.00E+00	1.88E+03	2.62E-03	6.21E-01	9.98E+00	0.00E+00	4.36E+01	1.25E-07	2.99E-06	1.43E+03	2.76E+01	0.00E+00	0.00E+00	1.79E+00	1.68E+02	2.51E+04	0.00E+00	4.83E-06	4.11E-05	1.99E+00	3.86E-02	6.65E+03	0.00E+00	2.51E+04	3.52E-04	2.51E+04	3.18E+04	6.65E+03	0.00E+00	0.00E+00	0.00E+00	7.63E+01
HF2E425FCII-MTS	5.20E+00	1.01E+03	1.87E+00	1.01E+03	0.00E+00	0.00E+00	1.92E+03	2.67E-03	6.33E-01	1.02E+01	0.00E+00	4.45E+01	1.28E-07	3.05E-06	1.46E+03	2.81E+01	0.00E+00	0.00E+00	1.83E+00	1.71E+02	2.56E+04	0.00E+00	4.92E-06	4.18E-05	1.99E+00	3.93E-02	6.78E+03	0.00E+00	2.56E+04	3.59E-04	2.56E+04	3.24E+04	6.78E+03	0.00E+00	0.00E+00	0.00E+00	7.77E+01
HW2E306DB	5.58E-01	1.09E+02	2.00E-01	1.09E+02	0.00E+00	0.00E+00	2.06E+02	2.87E-04	6.80E-02	1.09E+00	0.00E+00	4.77E+00	1.37E-08	3.27E-07	1.57E+02	3.01E+00	0.00E+00	0.00E+00	1.96E-01	1.84E+01	2.75E+03	0.00E+00	5.28E-07	4.49E-06	2.14E-01	4.22E+03	7.27E+02	0.00E+00	2.75E+03	3.85E-05	2.75E+03	3.48E+03	7.27E+02	0.00E+00	0.00E+00	0.00E+00	8.34E+00
HW2E306DE	7.10E-01	1.39E+02	2.55E-01	1.38E+02	0.00E+00	0.00E+00	2.62E+02	3.65E-04	8.65E-02	1.39E+00	0.00E+00	6.07E+00	1.74E-08	4.16E-07	1.99E+02	3.83E+00	0.00E+00	0.00E+00	2.49E-01	2.34E+01	3.50E+03	0.00E+00	6.71E-07	5.71E-06	2.72E-01	5.37E+03	9.26E+02	0.00E+00	3.50E+03	4.90E-05	3.50E+03	4.42E+03	9.26E+02	0.00E+00	0.00E+00	0.00E+00	1.06E+01
HW2E306FB	2.97E-01	5.80E+01	1.07E-01	5.79E+01	0.00E+00	0.00E+00	1.09E+02	1.53E-04	3.62E-02	5.81E-01	0.00E+00	2.54E+00	7.29E-09	1.74E-07	8.33E+01	1.60E+00	0.00E+00	0.00E+00	1.04E-01	9.79E+00	1.46E+03	0.00E+00	2.81E-07	2.39E-06	1.14E-01	2.25E+03	3.87E+02	0.00E+00	1.46E+03	2.05E-05	1.46E+03	1.85E+03	3.87E+02	0.00E+00	0.00E+00	0.00E+00	4.44E+00
HW2E306FE	4.49E-01	8.76E+01	1.61E-01	8.74E+01	0.00E+00	0.00E+00	1.65E+02	2.31E-04	5.47E-02	8.78E-01	0.00E+00	3.84E+00	1.10E-08	2.63E-07	1.26E+02	2.42E+00	0.00E+00	0.00E+00	1.58E-01	1.48E+01	2.21E+03	0.00E+00	4.24E-07	3.61E-06	1.72E-01	3.39E+03	5.85E+02	0.00E+00	2.21E+03	3.10E-05	2.21E+03	2.80E+03	5.85E+02	0.00E+00	0.00E+00	0.00E+00	6.71E+00
HW2E308DB	8.53E-01	1.66E+02	3.06E-01	1.66E+02	0.00E+00	0.00E+00	3.14E+02	4.38E-04	1.04E-01	1.67E+00	0.00E+00	7.29E+00	2.09E-08	5.00E-07	2.39E+02	4.61E+00	0.00E+00	0.00E+00	3.00E-01	2.81E+01	4.20E+03	0.00E+00	8.06E-07	6.86E-06	3.27E-01	6.45E+03	1.11E+03	0.00E+00	4.20E+03	5.89E-05	4.20E+03	5.31E+03	1.11E+03	0.00E+00	0.00E+00	0.00E+00	1.27E+01
HW2E308DE	1.00E+00	1.96E+02	3.61E-01	1.96E+02	0.00E+00	0.00E+00	3.70E+02	5.16E-04	1.22E-01	1.97E+00	0.00E+00	8.59E+00	2.47E-08	5.89E-07	2.82E+02	5.43E+00	0.00E+00	0.00E+00	3.53E-01	3.31E+01	4.95E+03	0.00E+00	9.50E-07	8.09E-06	3.85E-01	7.60E+03	1.31E+03	0.00E+00	4.95E+03	6.94E-05	4.95E+03	6.26E+03	1.31E+03	0.00E+00	0.00E+00	0.00E+00	1.50E+01
HW2E308FB	4.26E-01	8.31E+01	1.53E-01	8.29E+01	0.00E+00	0.00E+00	1.57E+02	2.19E-04	5.18E-02	8.33E-01	0.00E+00	3.64E+00	1.04E-08	2.49E-07	1.19E+02	2.30E+00	0.00E+00	0.00E+00	1.50E-01	1.40E+01	2.10E+03	0.00E+00	4.02E-07	3.43E-06	1.63E-01	3.22E+03	5.55E+02	0.00E+00	2.10E+03	2.94E-05	2.10E+03	2.65E+03	5.55E+02	0.00E+00	0.00E+00	0.00E+00	6.36E+00
HW2E308FE	5.77E-01	1.13E+02	2.07E-01	1.12E+02	0.00E+00	0.00E+00	2.13E+02	2.97E-04	7.03E-02	1.13E+00	0.00E+00	4.94E+00	1.42E-08	3.39E-07	1.62E+02	3.12E+00	0.00E+00	0.00E+00	2.03E-01	1.90E+01	2.84E+03	0.00E+00	5.46E-07	4.65E-06	2.21E-01	4.37E+03	7.53E+02	0.00E+00	2.84E+03	3.99E-05	2.84E+03	3.60E+03	7.53E+02	0.00E+00	0.00E+00	0.00E+00	8.63E+00
HW2E310DB	1.29E+00	2.52E+02	4.63E-01	2.51E+02	0.00E+00	0.00E+00	4.75E+02	6.62E-04	1.57E-01	2.52E+00	0.00E+00	1.10E+01	3.16E-08	7.56E-07	3.62E+02	6.96E+00	0.00E+00	0.00E+00	4.53E-01	4.25E+01	6.35E+03	0.00E+00	1.22E-06	1.04E-05	4.94E-01	9.75E+03	1.68E+03	0.00E+00	6.35E+03	8.90E-05	6.35E+03	8.03E+03	1.68E+03	0.00E+00	0.00E+00	0.00E+00	1.93E+01
HW2E310DE	1.44E+00	2.81E+02	5.18E-01	2.81E+02	0.00E+00	0.00E+00	5.31E+02	7.41E-04	1.76E-01	2.82E+00	0.00E+00	1.23E+01	3.54E-08	8.45E-07	4.04E+02	7.78E+00	0.00E+00	0.00E+00	5.06E-01	4.75E+01	7.10E+03	0.00E+00	1.36E-06	1.16E-05	5.52E-01	1.09E-02	1.88E+03	0.00E+00	7.10E+03	9.95E-05	7.10E+03	8.98E+03	1.88E+03	0.00E+00	0.00E+00	0.00E+00	2.15E+01
HW2E310FB	6.01E-01	1.17E+02	2.16E-01	1.17E+02	0.00E+00	0.00E+00	2.22E+02	3.09E-04	7.32E-02	1.18E+00	0.00E+00	5.14E+00	1.48E-08	3.52E-07	1.69E+02	3.25E+00	0.00E+00	0.00E+00	2.11E-01	1.98E+01	2.96E+03	0.00E+00	5.69E-07	4.84E-06	2.30E-01	4.55E+03	7.84E+02	0.00E+00	2.96E+03	4.15E-05	2.96E+03	3.75E+03	7.84E+02	0.00E+00	0.00E+00	0.00E+00	8.99E+00
HW2E310FE	7.53E-01	1.47E+02	2.70E-01	1.47E+02	0.00E+00	0.00E+00	2.78E+02	3.87E-04	9.17E-02	1.47E+00	0.00E+00	6.44E+00	1.85E-08	4.41E-07	2.11E+02	4.07E+00	0.00E+00	0.00E+00	2.65E-01	2.48E+01	3.71E+03	0.00E+00	7.12E-07	6.06E-06	2.88E-01	5.69E+03	9.82E+02	0.00E+00	3.71E+03	5.20E-05	3.71E+03	4.69E+03	9.82E+02	0.00E+00	0.00E+00	0.00E+00	1.13E+01
HW2E312DB	2.02E+00	3.93E+02	7.24E-01	3.93E+02	0.00E+00	0.00E+00	7.43E+02	1.04E-03	2.45E-01	3.94E+00	0.00E+00	1.72E+01	4.95E-08	1.18E-06	5.65E+02	1.09E+01	0.00E+00	0.00E+00	7.08E-01	6.64E+01	9.93E+03	0.00E+00	1.91E-06	1.62E-05	7.73E-01	1.52E-02	2.63E+03	0.00E+00	9.93E+03	1.39E-04	9.93E+03	1.26E+04	2.63E+03	0.00E+00	0.00E+00	0.00E+00	3.01E+01
HW2E312DE	2.17E+00	4.23E+02	7.78E-01	4.22E+02	0.00E+00	0.00E+00	7.99E+02	1.11E-03	2.64E-01	4.24E+00	0.00E+00	1.85E+01	5.32E-08	1.27E-06	6.08E+02	1.17E+01	0.00E+00	0.00E+00	7.61E-01	7.14E+01	1.07E+04	0.00E+00	2.05E-06	1.74E-05	8.31E-01	1.64E-02	2.83E+03	0.00E+00	1.07E+04	1.50E-04	1.07E+04	1.35E+04	2.83E+03	0.00E+00	0.00E+00	0.00E+00	3.24E+01
HW2E312FB	9.24E-01	1.80E+02	3.32E-01	1.80E+02	0.00E+00	0.00E+00	3.41E+02	4.75E-04	1.13E-01	1.81E+00	0.00E+00	7.90E+00	2.27E-08	5.42E-07	2.59E+02	4.99E+00	0.00E+00	0.00E+00	3.25E-01	3.04E+01	4.55E+03	0.00E+00	8.74E-07	7.44E-06	3.54E-01	6.99E+03	1.20E+03	0.00E+00	4.55E+03	6.38E-05	4.55E+03	5.76E+03	1.20E+03	0.00E+00	0.00E+00	0.00E+00	1.38E+01
HW2E312FE	1.08E+00	2.10E+02	3.86E-01	2.10E+02	0.00E+00	0.00E+00	3.97E+02	5.53E-04	1.31E-01	2.11E+00	0.00E+00	9.20E+00	2.64E-08	6.31E-07	3.02E+02	5.81E+00	0.00E+00	0.00E+00	3.78E-01	3.55E+01	5.30E+03	0.00E+00	1.02E-06	8.66E-06	4.12E-01	8.14E-03	1.40E+03	0.00E+00	5.30E+03	7.43E-05	5.30E+03	6.70E+03	1.40E+03	0.00E+00	0.00E+00	0.00E+00	1.61E+01
HW2E316DB	3.36E+00	6.61E+02	1.22E+00	6.60E+02	0.00E+00	0.00E+00	1.25E+03	1.74E-03	4.13E-01	6.63E+00	0.00E+00	2.90E+01	8.31E-08	1.99E-06	9.50E+02	1.83E+01	0.00E+00	0.00E+00	1.19E+00	1.12E+02	1.67E+04	0.00E+00	3.20E-06	2.73E-05	1.30E+00	2.56E-02	4.42E+03	0.00E+00	1.67E+04	2.34E-04	1.67E+04	2.11E+04	4.42E+03	0.00E+00	0.00E+00	0.00E+00	5.06E+01
HW2E316DE	3.54E+00	6.91E+02	1.27E+00	6.89E+02	0.00E+00	0.00E+00	1.30E+03	1.82E-03	4.31E-01	6.93E+00	0.00E+00	3.03E+01	8.69E-08	2.07E-06	9.93E+02	1.91E+01	0.00E+00	0.00E+00	1.24E+00	1.17E+02	1.74E+04	0.00E+00	3.35E-06	2.85E-05	1.36E+00	2.68E-02	4.61E+03	0.00E+00	1.74E+04	2.44E-04	1.74E+04	2.20E+04	4.61E+03	0.00E+00	0.00E+00	0.00E+00	5.29E+01
HW2E316FB	1.49E+00	2.91E+02	5.35E-01	2.90E+02	0.00E+00	0.00E+00	5.49E+02	7.65E-04	1.81E-01	2.91E+00	0.00E+00	1.27E+01	3.65E-08	8.73E-07	4.18E+02	8.04E+00	0.00E+00	0.00E+00	5.23E-01	4.91E+01	7.33E+03	0.00E+00	1.41E-06	1.20E-05	5.71E-01	1.13E-02	1.94E+03	0.00E+00	7.33E+03	1.03E-04	7.33E+03	9.27E+03	1.94E+03	0.00E+00	0.00E+00	0.00E+00	2.23E+01
HW2E316FE	1.64E+00	3.20E+02	5.89E-01	3.20E+02	0.00E+00	0.00E+00	6.05E+02	8.43E-04	2.00E-01	3.21E+00	0.00E+00	1.40E+01	4.03E-08	9.62E-07	4.60E+02	8.86E+00	0.00E+00	0.00E+00	5.76E-01	5.41E+01	8.08E+03	0.00E+00	1.55E-06	1.32E-05	6.29E-01	1.24E-02	2.14E+03	0.00E+00	8.08E+03	1.13E-04	8.08E+03	1.02E+04	2.14E+03	0.00E+00	0.00E+00	0.00E+00	2.45E+01
HW2E320DB	5.38E+00	1.05E+03	1.93E+00	1.05E+03	0.00E+00	0.00E+00	1.98E+03	2.76E-03	6.55E-01	1.05E+01	0.00E+00	4.60E+01	1.32E-07	3.15E-06	1.51E+03	2.91E+01	0.00E+00	0.00E+00	1.89E+00	1.77E+02	2.65E+04	0.00E+00	5.09E-06	4.33E-05	2.06E+00	4.07E-02	7.02E+03	0.00E+00	2.65E+04	3.71E-04	2.65E+04	3.35E+04	7.02E+03	0.00E+00	0.00E+00	0.

HW2M310DE	1.44E+00	2.81E+02	5.18E-01	2.81E+02	0.00E+00	0.00E+00	5.31E+02	7.41E-04	1.76E-01	2.82E+00	0.00E+00	1.23E+01	3.54E-08	8.45E-07	4.04E+02	7.78E+00	0.00E+00	0.00E+00	5.06E-01	4.75E+01	7.10E+03	0.00E+00	1.36E-06	1.16E-05	5.52E-01	1.09E+02	1.88E+03	0.00E+00	7.10E+03	9.95E-05	7.10E+03	8.98E+03	1.88E+03	0.00E+00	0.00E+00	0.00E+00	2.15E+01
HW2M310FB	6.01E-01	1.17E+02	2.16E-01	1.17E+02	0.00E+00	0.00E+00	2.22E+02	3.09E-04	7.32E-02	1.18E+00	0.00E+00	5.14E+00	1.48E-08	3.52E-07	1.69E+02	3.25E+00	0.00E+00	0.00E+00	2.11E-01	1.98E+01	2.96E+03	0.00E+00	5.69E-07	4.84E-06	2.30E-01	4.55E-03	7.84E+02	0.00E+00	2.96E+03	4.15E-05	2.96E+03	3.75E+03	7.84E+02	0.00E+00	0.00E+00	0.00E+00	8.99E+00
HW2M310FE	7.53E-01	1.47E+02	2.70E-01	1.47E+02	0.00E+00	0.00E+00	2.78E+02	3.87E-04	9.17E-02	1.47E+00	0.00E+00	6.44E+00	1.85E-08	4.41E-07	2.11E+02	4.07E+00	0.00E+00	0.00E+00	2.65E-01	2.48E+01	3.71E+03	0.00E+00	7.12E-07	6.06E-06	2.89E-01	5.69E-03	9.82E+02	0.00E+00	3.71E+03	5.20E-05	3.71E+03	4.69E+03	9.82E+02	0.00E+00	0.00E+00	0.00E+00	1.13E+01
HW2M312DB	2.02E+00	3.93E+02	7.24E-01	3.93E+02	0.00E+00	0.00E+00	7.43E+02	1.04E-03	2.45E-01	3.94E+00	0.00E+00	1.72E+01	4.95E-08	1.18E-06	5.65E+02	1.09E+01	0.00E+00	0.00E+00	7.08E-01	6.64E+01	9.93E+03	0.00E+00	1.91E-06	1.62E-05	7.73E-01	1.52E+02	2.63E+03	0.00E+00	9.93E+03	1.39E-04	9.93E+03	1.26E+04	2.63E+03	0.00E+00	0.00E+00	0.00E+00	3.01E+01
HW2M312DE	2.17E+00	4.23E+02	7.78E-01	4.22E+02	0.00E+00	0.00E+00	7.99E+02	1.11E-03	2.64E-01	4.24E+00	0.00E+00	1.85E+01	5.32E-08	1.27E-06	6.08E+02	1.17E+01	0.00E+00	0.00E+00	7.61E-01	7.14E+01	1.07E+04	0.00E+00	2.05E-06	1.74E-05	8.31E-01	1.64E+02	2.83E+03	0.00E+00	1.07E+04	1.50E-04	1.07E+04	1.35E+04	2.83E+03	0.00E+00	0.00E+00	0.00E+00	3.24E+01
HW2M312FB	9.24E-01	1.80E+02	3.32E-01	1.80E+02	0.00E+00	0.00E+00	3.41E+02	4.75E-04	1.13E-01	1.81E+00	0.00E+00	7.90E+00	2.27E-08	5.42E-07	2.59E+02	4.99E+00	0.00E+00	0.00E+00	3.25E-01	3.04E+01	4.55E+03	0.00E+00	8.74E-07	7.44E-06	3.54E-01	6.99E+02	1.20E+03	0.00E+00	4.55E+03	6.38E-05	4.55E+03	5.76E+03	1.20E+03	0.00E+00	0.00E+00	0.00E+00	1.38E+01
HW2M312FE	1.08E+00	2.10E+02	3.86E-01	2.10E+02	0.00E+00	0.00E+00	3.97E+02	5.53E-04	1.31E-01	2.11E+00	0.00E+00	9.20E+00	2.64E-08	6.31E-07	3.02E+02	5.81E+00	0.00E+00	0.00E+00	3.78E-01	3.55E+01	5.30E+03	0.00E+00	1.02E-06	8.66E-06	4.12E-01	8.14E+03	1.40E+03	0.00E+00	5.30E+03	7.43E-05	5.30E+03	6.70E+03	1.40E+03	0.00E+00	0.00E+00	0.00E+00	1.61E+01
HW2M316DB	3.39E+00	6.61E+02	1.22E+00	6.60E+02	0.00E+00	0.00E+00	1.25E+03	1.74E-03	4.13E-01	6.63E+00	0.00E+00	2.99E+01	8.31E-08	1.99E-06	9.50E+02	1.83E+01	0.00E+00	0.00E+00	1.19E+00	1.12E+02	1.67E+04	0.00E+00	3.20E-06	2.73E-05	1.30E+00	2.56E+02	4.42E+03	0.00E+00	1.67E+04	2.34E-04	1.67E+04	2.11E+04	4.42E+03	0.00E+00	0.00E+00	0.00E+00	5.06E+01
HW2M316DE	3.54E+00	6.91E+02	1.27E+00	6.88E+02	0.00E+00	0.00E+00	1.30E+03	1.82E-03	4.31E-01	6.90E+00	0.00E+00	3.03E+01	8.69E-08	2.07E-06	9.93E+02	1.91E+01	0.00E+00	0.00E+00	1.24E+00	1.17E+02	1.74E+04	0.00E+00	3.35E-06	2.85E-05	1.36E+00	2.68E+02	4.61E+03	0.00E+00	1.74E+04	2.44E-04	1.74E+04	2.20E+04	4.61E+03	0.00E+00	0.00E+00	0.00E+00	5.29E+01
HW2M316FB	1.46E+00	2.91E+02	5.35E-01	2.90E+02	0.00E+00	0.00E+00	5.49E+02	7.65E-04	1.81E-01	2.91E+00	0.00E+00	1.27E+01	3.65E-08	8.73E-07	4.18E+02	8.04E+00	0.00E+00	0.00E+00	5.23E-01	4.91E+01	7.33E+03	0.00E+00	1.41E-06	1.20E-05	5.71E-01	1.13E+02	1.94E+03	0.00E+00	7.33E+03	1.03E-04	7.33E+03	9.27E+03	1.94E+03	0.00E+00	0.00E+00	0.00E+00	2.23E+01
HW2M316FE	1.64E+00	3.20E+02	5.89E-01	3.20E+02	0.00E+00	0.00E+00	6.05E+02	8.43E-04	2.00E-01	3.21E+00	0.00E+00	1.40E+01	4.03E-08	9.62E-07	4.60E+02	8.86E+00	0.00E+00	0.00E+00	5.76E-01	5.41E+01	8.08E+03	0.00E+00	1.55E-06	1.32E-05	6.29E-01	1.24E+02	2.14E+03	0.00E+00	8.08E+03	1.13E-04	8.08E+03	1.02E+04	2.14E+03	0.00E+00	0.00E+00	0.00E+00	2.45E+01
HW2M320DB	5.38E+00	1.05E+03	1.93E+00	1.05E+03	0.00E+00	0.00E+00	1.98E+03	2.76E-03	6.55E-01	1.05E+01	0.00E+00	4.60E+01	1.32E-07	3.15E-06	1.51E+03	2.91E+01	0.00E+00	0.00E+00	1.89E+00	1.77E+02	2.65E+04	0.00E+00	5.09E-06	4.33E-05	2.06E+00	4.07E+02	7.02E+03	0.00E+00	2.65E+04	3.71E-04	2.65E+04	3.35E+04	7.02E+03	0.00E+00	0.00E+00	0.00E+00	8.04E+01
HW2M320DE	5.53E+00	1.08E+03	1.99E+00	1.08E+03	0.00E+00	0.00E+00	2.04E+03	2.84E-03	6.74E-01	1.08E+01	0.00E+00	4.73E+01	1.36E-07	3.24E-06	1.55E+03	2.99E+01	0.00E+00	0.00E+00	1.94E+00	1.82E+02	2.72E+04	0.00E+00	5.23E-06	4.45E-05	2.12E+00	4.18E+02	7.21E+03	0.00E+00	2.72E+04	3.82E-04	2.72E+04	3.45E+04	7.21E+03	0.00E+00	0.00E+00	0.00E+00	8.27E+01
HW2M320FB	2.34E+00	4.57E+02	8.41E-01	4.56E+02	0.00E+00	0.00E+00	8.64E+02	1.20E-03	2.85E-01	4.58E+00	0.00E+00	2.00E+01	5.75E-08	1.37E-06	6.57E+02	1.27E+01	0.00E+00	0.00E+00	8.23E-01	7.72E+01	1.15E+04	0.00E+00	2.22E-06	1.89E-05	8.98E-01	1.77E+02	3.05E+03	0.00E+00	1.15E+04	1.62E-04	1.15E+04	1.46E+04	3.05E+03	0.00E+00	0.00E+00	0.00E+00	3.50E+01
HW2M320FE	2.49E+00	4.87E+02	8.96E-01	4.86E+02	0.00E+00	0.00E+00	9.20E+02	1.28E-03	3.04E-01	4.88E+00	0.00E+00	2.13E+01	6.12E-08	1.46E-06	7.00E+02	1.35E+01	0.00E+00	0.00E+00	8.77E-01	8.22E+01	1.23E+04	0.00E+00	2.36E-06	2.01E-05	9.56E-01	1.89E+02	3.25E+03	0.00E+00	1.23E+04	1.72E-04	1.23E+04	1.55E+04	3.25E+03	0.00E+00	0.00E+00	0.00E+00	3.73E+01
HW2M325DB	8.64E+00	1.69E+03	3.10E+00	1.68E+03	0.00E+00	0.00E+00	3.18E+03	4.44E-03	1.05E+00	1.69E+01	0.00E+00	7.39E+01	2.12E-07	5.06E-06	2.42E+03	4.66E+01	0.00E+00	0.00E+00	3.03E+00	2.85E+02	4.25E+04	0.00E+00	8.17E-06	6.95E-05	3.31E+00	6.53E+02	1.13E+04	0.00E+00	4.25E+04	5.96E-04	4.25E+04	5.38E+04	1.13E+04	0.00E+00	0.00E+00	0.00E+00	1.29E+02
HW2M325DE	8.79E+00	1.72E+03	3.16E+00	1.71E+03	0.00E+00	0.00E+00	3.24E+03	4.52E-03	1.07E+00	1.72E+01	0.00E+00	7.52E+01	2.16E-07	5.15E-06	2.47E+03	4.75E+01	0.00E+00	0.00E+00	3.09E+00	2.90E+02	4.33E+04	0.00E+00	8.31E-06	7.07E-05	3.37E+00	6.65E+02	1.15E+04	0.00E+00	4.33E+04	6.07E-04	4.33E+04	5.48E+04	1.15E+04	0.00E+00	0.00E+00	0.00E+00	1.31E+02
HW2M325FB	3.70E+00	7.22E+02	1.33E+00	7.21E+02	0.00E+00	0.00E+00	1.36E+03	1.90E-03	4.51E-01	7.24E+00	0.00E+00	3.17E+01	9.08E-08	2.17E-06	1.04E+03	2.00E+01	0.00E+00	0.00E+00	1.30E+00	1.22E+02	1.82E+04	0.00E+00	3.50E-06	2.98E-05	1.42E+00	2.80E+02	4.82E+03	0.00E+00	1.82E+04	2.55E-04	1.82E+04	2.31E+04	4.82E+03	0.00E+00	0.00E+00	0.00E+00	5.53E+01
HW2M325FE	3.85E+00	7.52E+02	1.38E+00	7.50E+02	0.00E+00	0.00E+00	1.42E+03	1.98E-03	4.69E-01	7.54E+00	0.00E+00	3.30E+01	9.45E-08	2.26E-06	1.08E+03	2.08E+01	0.00E+00	0.00E+00	1.35E+00	1.27E+02	1.90E+04	0.00E+00	3.64E-06	3.10E-05	1.48E+00	2.91E+02	5.02E+03	0.00E+00	1.90E+04	2.66E-04	1.90E+04	2.40E+04	5.02E+03	0.00E+00	0.00E+00	0.00E+00	5.76E+01
HW2M406DB	5.58E-01	1.09E+02	2.00E-01	1.09E+02	0.00E+00	0.00E+00	2.06E+02	2.87E-04	6.80E-02	1.09E+00	0.00E+00	4.77E+00	1.37E-08	3.27E-07	1.57E+02	3.01E+00	0.00E+00	0.00E+00	1.96E-01	1.84E+01	2.75E+03	0.00E+00	5.28E-07	4.49E-06	2.14E-01	4.22E+03	7.27E+02	0.00E+00	2.75E+03	3.85E-05	2.75E+03	3.48E+03	7.27E+02	0.00E+00	0.00E+00	0.00E+00	8.34E+00
HW2M406DE	7.10E-01	1.39E+02	2.55E-01	1.38E+02	0.00E+00	0.00E+00	2.62E+02	3.65E-04	8.65E-02	1.39E+00	0.00E+00	6.07E+00	1.74E-08	4.16E-07	1.99E+02	3.83E+00	0.00E+00	0.00E+00	2.49E-01	2.34E+01	3.50E+03	0.00E+00	6.71E-07	5.71E-06	2.72E-01	5.37E+03	9.26E+02	0.00E+00	3.50E+03	4.90E-05	3.50E+03	4.42E+03	9.26E+02	0.00E+00	0.00E+00	0.00E+00	1.06E+01
HW2M406FB	2.97E-01	5.80E+01	1.07E-01	5.79E+01	0.00E+00	0.00E+00	1.09E+02	1.53E-04	3.62E-02	5.81E-01	0.00E+00	2.54E+00	7.29E-09	1.74E-07	8.33E+01	1.60E+00	0.00E+00	0.00E+00	1.04E-01	9.79E+00	1.46E+03	0.00E+00	2.81E-07	2.39E-06	1.14E-01	2.25E+03	3.87E+02	0.00E+00	1.46E+03	2.05E-05	1.46E+03	1.85E+03	3.87E+02	0.00E+00	0.00E+00	0.00E+00	4.44E+00
HW2M406FE	4.49E-01	8.76E+01	1.61E-01	8.74E+01	0.00E+00	0.00E+00	1.65E+02	2.31E-04	5.47E-02	8.78E-01	0.00E+00	3.84E+00	1.10E-08	2.63E-07	1.26E+02	2.42E+00	0.00E+00	0.00E+00	1.58E-01	1.48E+01	2.21E+03	0.00E+00	4.24E-07	3.61E-06	1.72E-01	3.39E+03	5.85E+02	0.00E+00	2.21E+03	3.10E-05	2.21E+03	2.80E+03	5.85E+02	0.00E+00	0.00E+00	0.00E+00	6.71E+00
HW2M408DB	8.53E-01	1.66E+02	3.06E-01	1.66E+02	0.00E+00	0.00E+00	3.14E+02	4.38E-04	1.04E-01	1.67E+00	0.00E+00	7.29E+00	2.09E-08	5.00E-07	2.39E+02	4.61E+00	0.00E+00	0.00E+00	3.00E-01	2.81E+01	4.20E+03	0.00E+00	8.08E-07	6.86E-06	3.27E-01	6.45E+03	1.11E+03	0.00E+00	4.20E+03	5.89E-05	4.20E+03	5.31E+03	1.11E+03	0.00E+00	0.00E+00	0.00E+00	1.27E+01
HW2M408DE	1.00E+00	1.96E+02	3.61E-01	1.96E+02	0.00E+00	0.00E+00	3.70E+02	5.16E-04	1.22E-01	1.97E+00	0.00E+00	8.59E+00	2.47E-08	5.89E-07	2.82E+02	5.43E+00	0.00E+00	0.00E+00	3.53E-01	3.31E+01	4.95E+03	0.00E+00	9.50E-07	8.09E-06	3.85E-01	7.60E+03	1.31E+03	0.00E+00	4.95E+03	6.94E-05	4.95E+03	6.26E+03	1.31E+03	0.00E+00	0.00E+00	0.00E+00	1.50E+01
HW2M408FB	4.26E-01	8.31E+01	1.53E-01	8.29E+01	0.00E+00	0.00E+00	1.57E+02	2.19E-04	5.18E-02	8.33E-01	0.00E+00	3.64E+00	1.04E-08	2.49E-07	1.19E+02	2.30E+00	0.00E+00	0.00E+00	1.50E-01	1.40E+01	2.10E+03	0.00E+00	4.02E-07	3.43E-06	1.63E-01	3.22E+03	5.55E+02	0.00E+00	2.10E+03	2.94E-05	2.10E+03	2.65E+03	5.55E+02	0.00E+00	0.00E+00	0.00E+00	6.36E+00
HW2M408FE	5.77E-01	1.13E+02	2.07E-01	1.12E+02	0.00E+00	0.00E+00	2.13E+02	2.97E-04	7.03E-02	1.13E+00	0.00E+00	4.94E+00	1.42E-08	3.39E-07	1.62E+02	3.12E+00	0.00E+00	0.00E+00	2.03E-01	1.90E+01	2.84E+03	0.00E+00	5.46E-07	4.65E-06	2.21E-01	4.37E+03	7.53E+02	0.00E+00	2.84E+03	3.99E-05	2.84E+03	3.60E+03	7.53E+02	0.00E+00	0.00E+00	0.00E+00	8.63E+00
HW2M410DB	1.29E+00	2.52E+02	4.63E-01	2.51E+02	0.00E+00	0.00E+00	4.75E+02	6.62E-04	1.57E-01	2.52E+00	0.00E+00	1.10E+01	3.16E-08	7.56E-07	3.62E+02	6.96E+00	0.00E+00	0.00E+00	4.53E-01	4.25E+01	6.35E+03	0.00E+00	1.22E-06	1.04E-05	4.94E-01	9.75E+02	1.68E+03	0.00E+00	6.35E+03	8.90E-05	6.35E+03	8.03E+03	1.68E+03	0.00E+00	0.00E+00	0.00E+00	1.93E+01
HW2M410DE	1.44E+00	2.81E+02	5.18E-01	2.81E+02	0.00E+00	0.00E+00	5.31E+02	7.41E-04	1.76E-01	2.82E+00	0.00E+00	1.23E+01	3.54E-08	8.45E-07	4.04E+02	7.78E+00	0.00E+00	0.00E+00	5.06E-01	4.75E+01	7.10E+03	0.00E+00	1.36E-06	1.16E-05	5.52E-01	1.09E+02	1.88E+03	0.00E+00	7.10E+03	9.95E-05	7.10E+03	8.98E+03	1.88E+03	0.00E+00	0.00E+00	0.00E+00	2.15E+01
HW2M410FB	6.01E-01	1.17E+02	2.16E-01	1.17E+02	0.00E+00	0.00E+00	2.22E+02	3.09E-04	7.32E-02	1.18E+00	0.00E+00	5.14E+00	1.48E-08	3.52E-07	1.69E+02	3.25E+00	0.00E+00	0.00E+00	2.11E-01	1.98E+01	2.96E+03	0.00E+00	5.69E-07	4.84E-06	2.30E-01	4.55E+03	7.84E+02	0.00E+00	2.96E+03	4.15E-05	2.96E+03	3.75E+03	7.84E+02	0.00E+00	0.00E+00	0.00E+00	8.99E+00
HW2M410FE	7.53E-01	1.47E+02	2.70E-01	1.47E+02	0.00E+00	0.00E+00	2.78E+02	3.87E-04	9.17E-02	1.47E+00	0.00E+00	6.44E+00	1.85E-08	4.41E-07	2.11E+02	4.07E+00	0.00E+00	0.00E+00	2.65E-01	2.48E+01	3.71E+03	0.00E+00	7.12E-07	6.06E-06	2.89E-01	5.69E-03	9.82E+02	0.00E+00	3.71E+03	5.20E-05	3.71E+03	4.69E+03	9.82E+02	0.00E+00	0.00E+00	0.00E+00	1.13E+01
HW2M412DB	2.02E+00	3.93E+02	7.24E-01	3.93E+02	0.00E+00	0.00E+00	7.43E+02	1.04E-03	2.45E-01	3.94E+00	0.00E+00	1.72E+01	4.95E-08	1.18E-06	5.65E+02	1.09E+01	0.00E+00	0.00E+00	7.08E-01	6.64E+01	9.93E+03	0.00E+00	1.91E-06	1.62E-05	7.73E-01	1.52E+02	2.63E+03	0.00E+00	9.93E+03	1.39E-04	9.93E+03	1.26E+04	2.63E+03	0.00E+00	0.00E+00	0.00E+00	3.01E+01
HW2M412DE	2.17E+00	4.23E+02	7.78E-01	4.22E+02	0.00E+00	0.00E+00	7.99E+02	1.11E-03	2.64E-01	4.24E+00	0.00E+00	1.85E+01	5.32E-08	1.27E-06	6.08E+02	1.17E+01	0.00E+00	0.00E+00	7.61E-01	7.14E+01	1.07E+04	0.00E+00	2.05E-06	1.74E-05	8.31E-01	1.64E+02	2.83E+03	0.00E+00	1.07E+04	1.50E-04	1.07E+04	1.35E+04	2.83E+03	0.00E+00	0.00E+00	0.00E+00	3.24E+01
HW2M412FB	9.24E-01	1.80E+02	3.32E-01	1.80E+02	0.00E+00	0.00E+00	3.41E+02	4.75E-04	1.13E-01	1.81E+00	0.00E+00	7.90E+00	2.27E-08	5.42E-07	2.59E+02	4.99E+00	0.00E+00	0.00E+00	3.25E-01	3.04E+01	4.55E+03	0.00E+00	8.74E-07	7.44E-06	3.54E-01	6.99E+02	1.20E+03	0.00E+00	4.55E+03	6.38E-05	4.55E+03	5.76E+03	1.20E+03	0.00E+00	0.00E+00	0.00E+00	1.38E+01
HW2M412FE	1.08E+00	2.10E+02	3.86E-01	2.10E+02	0.00E+00	0.00E+00	3.97E+02	5.53E-04	1.31E-01	2.11E+00	0.00E+00	9.20E+00	2.64E-08	6.31E-07	3.02E+02	5.81E+00	0.00E+00	0.00E+00	3.78E-01	3.55E+01	5.30E+03	0.00E+00	1.02E-06	8.66E-06	4.12E-01	8.14E+03	1.40E+03	0.00E+00	5.30E+03	7.43E-05	5.30E+03	6.70E+03	1.40E+03	0.00E+00	0.00E+00	0.00E+00	1.61E+01
HW2M316DB	3.39E+00	6.61E+02	1.22E+00	6.60E+02	0.00E+00	0.00E+00	1.25E+03	1.74E-03	4.13E-01	6.63E+00	0.00E+00	2.99E+01	8.31E-08	1.99E-06	9.50E+02	1.83E+01	0.00E+00	0.00E+00	1.19E+00	1.12E+02	1.67E+04	0.00E+00	3.20E-06	2.73E-05	1.30E+00	2.56E+02	4.42E+03	0.00E+00	1.67E+04	2.34E-04	1.67E+04	2.11E+04	4.42E+03	0.00E+00	0.00E+00	0.00E+00	5.06E+01
HW2M316DE	3.54E+00	6.91E+02	1.27E+00	6.88E+02	0.00E+00	0.00E+00	1.30E+03	1.82E-03	4.31E-01	6.90E+00	0.00E+00	3.03E+01	8.69E-08	2.07E-06	9.93E+02	1.91E+01	0.00E+00	0.00E+00	1.24E+00	1.17E+02	1.74E+04	0.00E+00	3.35E-06	2.85E-05	1.36E+00	2.68E+02	4.61E+03	0.00E+00	1.74E+04	2.44E-04	1.74E+04	2.20E+04	4.61E+03	0.00E+00	0.00E+00	0.00E+00	5.29E+01
HW2M316FB	1.46E+00	2.91E+02	5.35E-01	2.90E+02	0.00E+00	0.00E+00	5.49E+02	7.65E-04	1.81E-01	2.91E+00	0.00E+00	1.27E+01	3.65E-08	8.73E-07	4.18E+02	8.04E+00	0.00E+00	0.00E+00	5.23E-01	4.91E+01	7.33E+03	0.00E+00	1.41E-06	1.20E-05	5.71E-01	1.13E+02	1.94E+03	0.00E+00	7.33E+03	1.03E-04	7.33E+03	9.27E+03	1.94E+03	0.00E+00	0.00E+00	0.00E+00	2.23E+01
HW2M316FE	1.64E+00	3.20E+02	5.89E-01	3.20E+02	0.00E+00	0.00E+00	6.05E+02	8.43E-04	2.00E-01	3.21E+00	0.00E+00	1.40E+01	4.03E-08	9.62E-07	4.60E+02	8.86E+00	0.00E+00	0.00E+00	5.76E-01	5.41E+01	8.08E+03	0.00E+00	1.55E-06	1.32E-05	6.29E-01	1.24E+02	2.14E+03	0.00E+00	8.08E+03	1.13E-04	8.08E+03	1.02E+04	2.14E+03	0.00E+00	0.00E+00	0.00E+00	2.45E+01
HW2S320DB	5.38E+00	1.05E+03	1.93E+00	1.05E+03	0.00E+00	0.00E+00	1.98E+03	2.76E-03	6.55E-01	1.05E+01	0.00E+00	4.60E+01	1.32E-07	3.15E-06	1.51E+03	2.91E+01	0.00E+00	0.00E+00	1.89E+00	1.77E+02	2.65E+04	0.00E+00	5.09E-06	4.33E-05	2.06E+00	4.07E+02	7.02E+03	0.00E+00	2.65E+04	3.71E-04	2.65E+04	3.35E+04	7.02E+03	0.00E+00	0.00E+00	0.00E+00	8.04E+01
HW2S320DE	5.53E+00	1.08E+03	1.99E+00	1.08E+03	0.00E+00	0.00E+00	2.04E+03	2.84E-03	6.74E-01	1.08E+01	0.00E+00	4.73E+01	1.36E-07	3.24E-06	1.55E+03	2.99E+01	0.00E+00	0.00E+00	1.94E+00	1.82E+02	2.72E+04	0.00E+00	5.23E-06	4.45E-05	2.12E+00	4.18E+02	7.21E+03	0.00E+00	2.72E+04	3.82E-04	2.72E+04	3.45E+04	7.21E+03	0.00E+00	0.00E+00	0.00E+00	8.27E+01
HW2S320FB	2.34E+00	4.57E+02	8.41E-01	4.56E+02	0.00E+00	0.00E+00	8.64E+02	1.20E-03	2.85E-01	4.58E+00	0.00E+00	2.00E+01	5.75E-08	1.37E-06	6.57E+02	1.27E+01	0.00E+00	0.00E+00	8.23E-01	7.72E+01	1.15E+04	0.00E+00	2.22E-06	1.89E-05	8.98E-01	1.77E+02	3.05E+03	0.00E+00	1.15E+04	1.62E-04	1.15E+04	1.46E+04	3.05E+03	0.00E+00	0.00E+00	0.00E+00	3.50E+01
HW2S320FE	2.49E+00	4.87E+02	8.96E-01	4.86E+02	0.00E+00	0.00E+00	9.20E+02	1.28E-03	3.04E-01	4.88E+00	0.00E+00	2.13E+01	6.12E-08	1.46E-06	7.00E+02	1.35E+01	0.00E+00	0.00E+00	8.77E-01	8.22E+01	1.23E+04	0.00E+00	2.36E-06	2.01E-05	9.56E-01	1.89E+02	3.25E+03	0.00E+00	1.23E+04	1.72E-04	1.23E+04	1.55E+04	3.25E+03	0.00E+00	0.00E+00	0.00E+00	3.73E+01
HW2S325DB	8.64E+00	1.69E+03	3.10E+00	1.68E+03	0.00E+00	0.00E+00	3.18E+03	4.44E-03	1.05E+00	1.69E+01	0.00E+00	7.39E+01	2.12E-07	5.06E-06	2.42E+03	4.66E+01	0.00E+00	0.00E+00	3.03E+00	2.85E+02	4.25E+04	0.00E+00	8.17E-06	6.95E-05	3.31E+00	6.53E+02	1.13E+04	0.00E+00	4.25E+04	5.96E-04	4.25E+04	5.38E+04	1.13E+04	0.00E+00	0.00E+00	0.00E+00	1.29E+02
HW2S325DE	8.79E+00	1.72E+03	3.16E+00	1.71E+03	0.00E+00	0.00E+00	3.24E+03	4.52E-03	1.07E+00	1.72E+01	0.00E+00	7.52E+01	2.16E-07	5.15E-06	2.47E+03	4.75E+01	0.00E+00	0.00E+00	3.09E+00	2.90E+02	4.33E+04	0.00E+00	8.31E-06	7.07E-05	3.37E+00	6.65E+02	1.15E+04	0.00E+00	4.33E+04	6.07E-04	4.33E+04	5.48E+04	1.15E+04	0.00E+00	0.00E+00	0.00E+00	1.31E+02
HW2S325FB	3.70E+00	7.22E+02	1.33E+00	7.21E+02	0.00E+00	0.00E+00	1.36E+03	1.90E-03	4.51E-01	7.24E+00	0.00E+00	3.17E+01	9.08E-08	2.17E-06	1.04E+03	2.00E+01	0.00E+00	0.00E+00	1.30E+00	1.22E+02	1.82E+04	0.00E+00	3.50E-06	2.98E-05	1.42E+00	2.80E+02	4.82E+03	0.00E+00	1.82E+04	2.55E-04	1.82E+04	2.31E+04	4.82E+03	0.00E+00	0.00E+00	0.00E+00	5.53E+01
HW2S325FE	3.85E+00	7.52E+02	1.38E+00	7.50E+02	0.00E+00	0.00E+00	1.42E+03	1.98E-03	4

HW2S412FE	1.08E+00	2.10E+03	3.86E-01	2.10E+02	0.00E+00	0.00E+00	3.97E+02	5.53E-04	1.31E-01	2.11E+00	0.00E+00	9.20E+00	2.64E-08	6.31E-07	3.02E+02	5.81E+00	0.00E+00	0.00E+00	3.78E-01	3.55E+01	5.30E+03	0.00E+00	1.02E-06	8.66E-06	4.12E-01	8.14E-03	1.40E+03	0.00E+00	5.30E+03	7.43E-05	5.30E+03	6.70E+03	1.40E+03	0.00E+00	0.00E+00	0.00E+00	1.61E+01
HW2S416DB	3.39E+00	6.61E+02	1.22E+00	6.60E+02	0.00E+00	0.00E+00	1.25E+03	1.74E-03	4.13E-01	6.63E+00	0.00E+00	2.99E+01	8.31E-08	1.99E-06	9.50E+02	1.83E+01	0.00E+00	0.00E+00	1.19E+00	1.12E+02	1.67E+04	0.00E+00	3.20E-06	2.73E-05	1.30E+00	2.56E-02	4.42E+03	0.00E+00	1.67E+04	2.34E-04	1.67E+04	2.11E+04	4.42E+03	0.00E+00	0.00E+00	0.00E+00	5.06E+01
HW2S416DE	3.54E+00	6.91E+02	1.27E+00	6.89E+02	0.00E+00	0.00E+00	1.30E+03	1.82E-03	4.31E-01	6.93E+00	0.00E+00	3.03E+01	8.69E-08	2.07E-06	9.93E+02	1.91E+01	0.00E+00	0.00E+00	1.24E+00	1.17E+02	1.74E+04	0.00E+00	3.35E-06	2.85E-05	1.36E+00	2.68E-02	4.61E+03	0.00E+00	1.74E+04	2.44E-04	1.74E+04	2.20E+04	4.61E+03	0.00E+00	0.00E+00	0.00E+00	5.29E+01
HW2S416FB	1.49E+00	2.91E+03	5.35E-01	2.90E+02	0.00E+00	0.00E+00	5.49E+02	7.65E-04	1.81E-01	2.91E+00	0.00E+00	1.27E+01	3.65E-08	8.73E-07	4.18E+02	8.04E+00	0.00E+00	0.00E+00	5.23E-01	4.91E+01	7.33E+03	0.00E+00	1.41E-06	1.20E-05	5.71E-01	1.13E-02	1.94E+03	0.00E+00	7.33E+03	1.03E-04	7.33E+03	9.27E+03	1.94E+03	0.00E+00	0.00E+00	0.00E+00	2.23E+01
HW2S416FE	1.64E+00	3.20E+02	5.69E-01	3.20E+02	0.00E+00	0.00E+00	6.05E+02	8.43E-04	2.00E-01	3.21E+00	0.00E+00	1.40E+01	4.03E-08	9.62E-07	4.60E+02	8.86E+00	0.00E+00	0.00E+00	5.76E-01	5.41E+01	8.08E+03	0.00E+00	1.55E-06	1.32E-05	6.29E-01	1.24E-02	2.14E+03	0.00E+00	8.08E+03	1.13E-04	8.08E+03	1.02E+04	2.14E+03	0.00E+00	0.00E+00	0.00E+00	2.45E+01
HW2S420DB	5.38E+00	1.05E+03	1.93E+00	1.05E+03	0.00E+00	0.00E+00	1.98E+03	2.76E-03	6.55E-01	1.05E+01	0.00E+00	4.60E+01	1.32E-07	3.15E-06	1.51E+03	2.91E+01	0.00E+00	0.00E+00	1.89E+00	1.77E+02	2.65E+04	0.00E+00	5.09E-06	4.33E-05	2.06E+00	4.07E-02	7.02E+03	0.00E+00	2.65E+04	3.71E-04	2.65E+04	3.35E+04	7.02E+03	0.00E+00	0.00E+00	0.00E+00	8.04E+01
HW2S420DE	5.53E+00	1.08E+03	1.99E+00	1.08E+03	0.00E+00	0.00E+00	2.04E+03	2.84E-03	6.74E-01	1.08E+01	0.00E+00	4.73E+01	1.36E-07	3.24E-06	1.55E+03	2.99E+01	0.00E+00	0.00E+00	1.94E+00	1.82E+02	2.72E+04	0.00E+00	5.23E-06	4.45E-05	2.12E+00	4.18E-02	7.21E+03	0.00E+00	2.72E+04	3.82E-04	2.72E+04	3.45E+04	7.21E+03	0.00E+00	0.00E+00	0.00E+00	8.27E+01
HW2S420FB	2.34E+00	4.57E+02	8.41E-01	4.56E+02	0.00E+00	0.00E+00	8.64E+02	1.20E-03	2.85E-01	4.58E+00	0.00E+00	2.00E+01	5.75E-08	1.37E-06	6.57E+02	1.27E+01	0.00E+00	0.00E+00	8.23E-01	7.72E+01	1.15E+04	0.00E+00	2.22E-06	1.89E-05	8.98E-01	1.77E-02	3.05E+03	0.00E+00	1.15E+04	1.62E-04	1.15E+04	1.46E+04	3.05E+03	0.00E+00	0.00E+00	0.00E+00	3.50E+01
HW2S420FE	2.49E+00	4.87E+02	8.96E-01	4.86E+02	0.00E+00	0.00E+00	9.20E+02	1.28E-03	3.04E-01	4.88E+00	0.00E+00	2.13E+01	6.12E-08	1.46E-06	7.00E+02	1.35E+01	0.00E+00	0.00E+00	8.77E-01	8.22E+01	1.23E+04	0.00E+00	2.36E-06	2.01E-05	9.56E-01	1.89E-02	3.25E+03	0.00E+00	1.23E+04	1.72E-04	1.23E+04	1.55E+04	3.25E+03	0.00E+00	0.00E+00	0.00E+00	3.73E+01
HW2S425DB	8.64E+00	1.69E+03	3.10E+00	1.68E+03	0.00E+00	0.00E+00	3.18E+03	4.44E-03	1.05E+00	1.69E+01	0.00E+00	7.39E+01	2.12E-07	5.06E-06	2.42E+03	4.66E+01	0.00E+00	0.00E+00	3.03E+00	2.85E+02	4.25E+04	0.00E+00	8.17E-06	6.95E-05	3.31E+00	6.53E-02	1.13E+04	0.00E+00	4.25E+04	5.96E-04	4.25E+04	5.38E+04	1.13E+04	0.00E+00	0.00E+00	0.00E+00	1.29E+02
HW2S425DE	8.79E+00	1.72E+03	3.16E+00	1.71E+03	0.00E+00	0.00E+00	3.24E+03	4.52E-03	1.07E+00	1.72E+01	0.00E+00	7.52E+01	2.16E-07	5.15E-06	2.47E+03	4.75E+01	0.00E+00	0.00E+00	3.08E+00	2.90E+02	4.33E+04	0.00E+00	8.31E-06	7.07E-05	3.37E+00	6.65E-02	1.15E+04	0.00E+00	4.33E+04	6.07E-04	4.33E+04	5.48E+04	1.15E+04	0.00E+00	0.00E+00	0.00E+00	1.31E+02
HW2S425FB	3.70E+00	7.22E+02	1.33E+00	7.21E+02	0.00E+00	0.00E+00	1.36E+03	1.90E-03	4.51E-01	7.24E+00	0.00E+00	3.17E+01	9.08E-08	2.17E-06	1.04E+03	2.00E+01	0.00E+00	0.00E+00	1.30E+00	1.22E+02	1.82E+04	0.00E+00	3.50E-06	2.98E-05	1.42E+00	2.80E-02	4.82E+03	0.00E+00	1.82E+04	2.55E-04	1.82E+04	2.31E+04	4.82E+03	0.00E+00	0.00E+00	0.00E+00	5.53E+01
HW2S425FE	3.85E+00	7.52E+02	1.38E+00	7.50E+02	0.00E+00	0.00E+00	1.42E+03	1.98E-03	4.69E-01	7.54E+00	0.00E+00	3.30E+01	9.45E-08	2.26E-06	1.08E+03	2.08E+01	0.00E+00	0.00E+00	1.35E+00	1.27E+02	1.90E+04	0.00E+00	3.64E-06	3.10E-05	1.48E+00	2.91E-02	5.02E+03	0.00E+00	1.90E+04	2.66E-04	1.90E+04	2.40E+04	5.02E+03	0.00E+00	0.00E+00	0.00E+00	5.76E+01
HW2W306DS	4.50E-01	8.79E+01	1.62E-01	8.77E+01	0.00E+00	0.00E+00	1.66E+02	2.31E-04	5.49E-02	8.81E-01	0.00E+00	3.85E+00	1.11E-08	2.64E-07	1.26E+02	2.43E+00	0.00E+00	0.00E+00	1.58E-01	1.48E+01	2.22E+03	0.00E+00	4.26E-07	3.63E-06	1.73E-01	3.41E-03	5.87E+02	0.00E+00	2.22E+03	3.11E-05	2.22E+03	2.81E+03	5.87E+02	0.00E+00	0.00E+00	0.00E+00	6.73E+00
HW2W306FS	1.89E-01	3.70E+01	6.80E-02	3.69E+01	0.00E+00	0.00E+00	6.98E+01	9.73E-05	2.31E-02	3.71E-01	0.00E+00	1.62E+00	4.65E-09	1.11E-07	5.31E+01	1.02E+00	0.00E+00	0.00E+00	6.65E-02	6.24E+00	9.33E+02	0.00E+00	1.79E-07	1.52E-06	7.26E-02	1.43E-03	2.47E+02	0.00E+00	9.33E+02	1.31E-05	9.33E+02	1.18E+03	2.47E+02	0.00E+00	0.00E+00	0.00E+00	2.83E+00
HW2W308DS	7.45E-01	1.45E+02	2.68E-01	1.45E+02	0.00E+00	0.00E+00	2.75E+02	3.83E-04	9.08E-02	1.46E+00	0.00E+00	6.37E+00	1.83E-08	4.37E-07	2.09E+02	4.02E+00	0.00E+00	0.00E+00	2.62E-01	2.46E+01	3.67E+03	0.00E+00	7.05E-07	6.00E-06	2.86E-01	5.64E-03	9.72E+02	0.00E+00	3.67E+03	5.14E-05	3.67E+03	4.64E+03	9.72E+02	0.00E+00	0.00E+00	0.00E+00	1.11E+01
HW2W308FS	3.18E-01	6.21E+01	1.14E-01	6.20E+01	0.00E+00	0.00E+00	1.17E+02	1.63E-04	3.87E-02	6.22E-01	0.00E+00	2.72E+00	7.80E-09	1.86E-07	8.92E+01	1.72E+00	0.00E+00	0.00E+00	1.12E-01	1.05E+01	1.57E+03	0.00E+00	3.01E-07	2.56E-06	1.22E-01	2.40E-03	4.15E+02	0.00E+00	1.57E+03	2.20E-05	1.57E+03	1.98E+03	4.15E+02	0.00E+00	0.00E+00	0.00E+00	4.75E+00
HW2W310DS	1.18E+00	2.31E+02	4.24E-01	2.30E+02	0.00E+00	0.00E+00	4.36E+02	6.07E-04	1.44E-01	2.31E+00	0.00E+00	1.01E+01	2.90E-08	6.93E-07	3.32E+02	6.38E+00	0.00E+00	0.00E+00	4.15E-01	3.89E+01	5.82E+03	0.00E+00	1.12E-06	9.51E-06	4.53E-01	8.94E-03	1.54E+03	0.00E+00	5.82E+03	8.16E-05	5.82E+03	7.36E+03	1.54E+03	0.00E+00	0.00E+00	0.00E+00	1.77E+01
HW2W310FS	4.94E-01	9.63E+01	1.77E-01	9.62E+01	0.00E+00	0.00E+00	1.82E+02	2.54E-04	6.01E-02	9.66E-01	0.00E+00	4.22E+00	1.21E-08	2.89E-07	1.38E+02	2.67E+00	0.00E+00	0.00E+00	1.73E-01	1.63E+01	2.43E+03	0.00E+00	4.67E-07	3.97E-06	1.89E-01	3.73E-03	6.44E+02	0.00E+00	2.43E+03	3.41E-05	2.43E+03	3.08E+03	6.44E+02	0.00E+00	0.00E+00	0.00E+00	7.38E+00
HW2W312DS	1.91E+00	3.72E+02	6.85E-01	3.72E+02	0.00E+00	0.00E+00	7.03E+02	9.80E-04	2.32E-01	3.73E+00	0.00E+00	1.63E+01	4.68E-08	1.12E-06	5.35E+02	1.03E+01	0.00E+00	0.00E+00	6.70E-01	6.29E+01	9.40E+03	0.00E+00	1.80E-06	1.54E-05	7.31E-01	1.44E-02	2.49E+03	0.00E+00	9.40E+03	1.32E-04	9.40E+03	1.19E+04	2.49E+03	0.00E+00	0.00E+00	0.00E+00	2.85E+01
HW2W312FS	8.16E-01	1.59E+02	2.93E-01	1.59E+02	0.00E+00	0.00E+00	3.01E+02	4.19E-04	9.94E-02	1.60E+00	0.00E+00	6.98E+00	2.00E-08	4.79E-07	2.29E+02	4.41E+00	0.00E+00	0.00E+00	2.87E-01	2.69E+01	4.02E+03	0.00E+00	7.72E-07	6.57E-06	3.13E-01	6.17E-03	1.06E+03	0.00E+00	4.02E+03	5.64E-05	4.02E+03	5.09E+03	1.06E+03	0.00E+00	0.00E+00	0.00E+00	1.22E+01
HW2W316DS	3.28E+00	6.40E+02	1.18E+00	6.39E+02	0.00E+00	0.00E+00	1.21E+03	1.69E-03	3.99E-01	6.42E+00	0.00E+00	2.81E+01	8.05E-08	1.92E-06	9.20E+02	1.77E+01	0.00E+00	0.00E+00	1.15E+00	1.08E+02	1.62E+04	0.00E+00	3.10E-06	2.64E-05	1.26E+00	2.48E-02	4.28E+03	0.00E+00	1.62E+04	2.29E-04	1.62E+04	2.04E+04	4.28E+03	0.00E+00	0.00E+00	0.00E+00	4.90E+01
HW2W316FS	1.38E+00	2.70E+02	4.96E-01	2.69E+02	0.00E+00	0.00E+00	5.09E+02	7.10E-04	1.68E-01	2.70E+00	0.00E+00	1.18E+01	3.39E-08	8.10E-07	3.87E+02	7.46E+00	0.00E+00	0.00E+00	4.85E-01	4.55E+01	6.80E+03	0.00E+00	1.31E-06	1.11E-05	5.29E-01	1.04E-02	1.80E+03	0.00E+00	6.80E+03	9.54E-05	6.80E+03	8.60E+03	1.80E+03	0.00E+00	0.00E+00	0.00E+00	2.06E+01
HW2W320DS	5.27E+00	1.03E+03	1.89E+00	1.03E+03	0.00E+00	0.00E+00	1.94E+03	2.71E-03	6.42E-01	1.03E+01	0.00E+00	4.51E+01	1.29E-07	3.09E-06	1.48E+03	2.85E+01	0.00E+00	0.00E+00	1.85E+00	1.74E+02	2.60E+04	0.00E+00	4.99E-06	4.24E-05	2.02E+00	3.99E-02	6.87E+03	0.00E+00	2.60E+04	3.64E-04	2.60E+04	3.29E+04	6.87E+03	0.00E+00	0.00E+00	0.00E+00	7.88E+01
HW2W320FS	2.24E+00	4.36E+02	8.03E-01	4.35E+02	0.00E+00	0.00E+00	8.24E+02	1.15E-03	2.72E-01	4.37E+00	0.00E+00	1.91E+01	5.49E-08	1.31E-06	6.27E+02	1.21E+01	0.00E+00	0.00E+00	7.85E-01	7.37E+01	1.10E+04	0.00E+00	2.11E-06	1.80E-05	8.57E-01	1.69E-02	2.91E+03	0.00E+00	1.10E+04	1.54E-04	1.10E+04	1.39E+04	2.91E+03	0.00E+00	0.00E+00	0.00E+00	3.34E+01
HW2W325DS	8.53E+00	1.66E+03	3.06E+00	1.66E+03	0.00E+00	0.00E+00	3.14E+03	4.38E-03	1.04E+00	1.67E+01	0.00E+00	7.30E+01	2.09E-07	5.00E-06	2.39E+03	4.61E+01	0.00E+00	0.00E+00	3.00E+00	2.81E+02	4.20E+04	0.00E+00	8.07E-06	6.86E-05	3.27E+00	6.45E-02	1.11E+04	0.00E+00	4.20E+04	5.89E-04	4.20E+04	5.31E+04	1.11E+04	0.00E+00	0.00E+00	0.00E+00	1.28E+02
HW2W325FS	3.56E+00	7.01E+02	1.29E+00	7.00E+02	0.00E+00	0.00E+00	1.32E+03	1.85E-03	4.38E-01	7.03E+00	0.00E+00	3.07E+01	8.82E-08	2.11E-06	1.01E+03	1.94E+01	0.00E+00	0.00E+00	1.26E+00	1.18E+02	1.77E+04	0.00E+00	3.40E-06	2.89E-05	1.38E+00	2.72E-02	4.68E+03	0.00E+00	1.77E+04	2.48E-04	1.77E+04	2.24E+04	4.68E+03	0.00E+00	0.00E+00	0.00E+00	5.37E+01
HF4P340DCKH-MTS	2.18E+01	4.26E+03	7.83E+00	4.25E+03	0.00E+00	0.00E+00	8.04E+03	1.12E-02	2.66E+00	4.27E+01	0.00E+00	1.87E+02	5.35E-07	1.28E-05	6.12E+03	1.18E+02	0.00E+00	0.00E+00	7.66E-00	7.19E+02	1.07E+05	0.00E+00	2.06E-05	1.76E-04	8.36E+00	1.65E-01	2.84E+04	0.00E+00	1.07E+05	1.51E-03	1.07E+05	1.36E+05	2.84E+04	0.00E+00	0.00E+00	0.00E+00	3.26E+02
HF4P340DEKH-MTS	2.18E+01	4.26E+03	7.83E+00	4.25E+03	0.00E+00	0.00E+00	8.04E+03	1.12E-02	2.66E+00	4.27E+01	0.00E+00	1.87E+02	5.35E-07	1.28E-05	6.12E+03	1.18E+02	0.00E+00	0.00E+00	7.66E-00	7.19E+02	1.07E+05	0.00E+00	2.06E-05	1.76E-04	8.36E+00	1.65E-01	2.84E+04	0.00E+00	1.07E+05	1.51E-03	1.07E+05	1.36E+05	2.84E+04	0.00E+00	0.00E+00	0.00E+00	3.26E+02
HF4P440DCKH-MTS	2.18E+01	4.26E+03	7.83E+00	4.25E+03	0.00E+00	0.00E+00	8.04E+03	1.12E-02	2.66E+00	4.27E+01	0.00E+00	1.87E+02	5.35E-07	1.28E-05	6.12E+03	1.18E+02	0.00E+00	0.00E+00	7.66E-00	7.19E+02	1.07E+05	0.00E+00	2.06E-05	1.76E-04	8.36E+00	1.65E-01	2.84E+04	0.00E+00	1.07E+05	1.51E-03	1.07E+05	1.36E+05	2.84E+04	0.00E+00	0.00E+00	0.00E+00	3.26E+02
HF4P440DEKH-MTS	2.18E+01	4.26E+03	7.83E+00	4.25E+03	0.00E+00	0.00E+00	8.04E+03	1.12E-02	2.66E+00	4.27E+01	0.00E+00	1.87E+02	5.35E-07	1.28E-05	6.12E+03	1.18E+02	0.00E+00	0.00E+00	7.66E-00	7.19E+02	1.07E+05	0.00E+00	2.06E-05	1.76E-04	8.36E+00	1.65E-01	2.84E+04	0.00E+00	1.07E+05	1.51E-03	1.07E+05	1.36E+05	2.84E+04	0.00E+00	0.00E+00	0.00E+00	3.26E+02
HF4W340DSAH-MTS	2.17E+01	4.24E+03	7.80E+00	4.23E+03	0.00E+00	0.00E+00	8.01E+03	1.12E-02	2.64E+00	4.25E+01	0.00E+00	1.86E+02	5.33E-07	1.27E-05	6.09E+03	1.17E+02	0.00E+00	0.00E+00	7.63E-00	7.16E+02	1.07E+05	0.00E+00	2.05E-05	1.75E-04	8.32E+00	1.64E-01	2.83E+04	0.00E+00	1.07E+05	1.50E-03	1.07E+05	1.35E+05	2.83E+04	0.00E+00	0.00E+00	0.00E+00	3.25E+02
HF4W440DSAH-MTS	2.17E+01	4.24E+03	7.80E+00	4.23E+03	0.00E+00	0.00E+00	8.01E+03	1.12E-02	2.64E+00	4.25E+01	0.00E+00	1.86E+02	5.33E-07	1.27E-05	6.09E+03	1.17E+02	0.00E+00	0.00E+00	7.63E-00	7.16E+02	1.07E+05	0.00E+00	2.05E-05	1.75E-04	8.32E+00	1.64E-01	2.83E+04	0.00E+00	1.07E+05	1.50E-03	1.07E+05	1.35E+05	2.83E+04	0.00E+00	0.00E+00	0.00E+00	3.25E+02
HF4P340FCKH-MTS	1.21E+01	2.36E+03	4.34E+00	2.35E+03	0.00E+00	0.00E+00	4.45E+03	6.21E-03	1.47E+00	2.36E+01	0.00E+00	1.03E+02	2.96E-07	7.08E-06	3.39E+03	6.52E+01	0.00E+00	0.00E+00	4.24E-00	3.98E+02	5.95E+04	0.00E+00	1.14E-05	9.72E-05	4.63E+00	9.13E-02	1.57E+04	0.00E+00	5.95E+04	8.34E-04	5.95E+04	7.53E+04	1.57E+04	0.00E+00	0.00E+00	0.00E+00	1.81E+02
HF4P340FCKH-MTS	1.21E+01	2.36E+03	4.34E+00	2.35E+03	0.00E+00	0.00E+00	4.45E+03	6.21E-03	1.47E+00	2.36E+01	0.00E+00	1.03E+02	2.96E-07	7.08E-06	3.39E+03	6.52E+01	0.00E+00	0.00E+00	4.24E-00	3.98E+02	5.95E+04	0.00E+00	1.14E-05	9.72E-05	4.63E+00	9.13E-02	1.57E+04	0.00E+00	5.95E+04	8.34E-04	5.95E+04	7.53E+04	1.57E+04	0.00E+00	0.00E+00	0.00E+00	1.81E+02
HF4P440FCKH-MTS	1.21E+01	2.36E+03	4.34E+00	2.35E+03	0.00E+00	0.00E+00	4.45E+03	6.21E-03	1.47E+00	2.36E+01	0.00E+00	1.03E+02	2.96E-07	7.08E-06	3.39E+03	6.52E+01	0.00E+00	0.00E+00	4.24E-00	3.98E+02	5.95E+04	0.00E+00	1.14E-05	9.72E-05	4.63E+00	9.13E-02	1.57E+04	0.00E+00	5.95E+04	8.34E-04	5.95E+04	7.53E+04	1.57E+04	0.00E+00	0.00E+00	0.00E+00	1.81E+02
HF4P440FEKH-MTS	1.21E+01	2.36E+03	4.34E+00	2.35E+03	0.00E+00	0.00E+00	4.45E+03	6.21E-03	1.47E+00	2.36E+01	0.00E+00	1.03E+02	2.96E-07	7.08E-06	3.39E+03	6.52E+01	0.00E+00	0.00E+00	4.24E-00	3.98E+02	5.95E+04	0.00E+00	1.14E-05	9.72E-05	4.63E+00	9.13E-02	1.57E+04	0.00E+00	5.95E+04	8.34E-04	5.95E+04	7.53E+04	1.57E+04	0.00E+00	0.00E+00	0.00E+00	1.81E+02
HF4W340FSAH-MTS	1.20E+01	2.34E+03	4.30E+00	2.33E+03	0.00E+00	0.00E+00	4.42E+03	6.16E-03	1.46E+00	2.34E+01	0.00E+00	1.02E+02	2.94E-07	7.03E-06	3.36E+03	6.47E+01	0.00E+00	0.00E+00	4.21E-00	3.95E+02	5.90E+04	0.00E+00	1.13E-05	9.65E-05	4.59E+00	9.06E-02	1.56E+04	0.00E+00	5.90E+04	8.27E-04	5.90E+04	7.47E+04	1.56E+04	0.00E+00	0.00E+00	0.00E+00	1.79E+02
HF4W440FSAH-MTS	1.20E+01	2.34E+03	4.30E+00	2.33E+03	0.00E+00	0.00E+00	4.42E+03	6.16E-03	1.46E+00	2.34E+01	0.00E+00	1.02E+02	2.94E-07	7.03E-06	3.36E+03	6.47E+01	0.00E+00	0.00E+00	4.21E-00	3.95E+02	5.90E+04	0.00E+00	1.13E-05	9.65E-05	4.59E+00	9.06E-02	1.56E+04	0.00E+00	5.90E+04	8.27E-04	5.90E+04	7.47E+04	1.56E+04	0.00E+00	0.00E+00	0.00E+00	1.79E+02
HF4W432FSAI-MTS	8.42E+00	1.64E+03	3.02E+00	1.64E+03	0.00E+00	0.00E+00	3.10E+03	4.32E-03	1.03E+00	1.65E+01	0.00E+00	7.20E+01	2.07E-07	4.93E-06	2.36E+03	4.55E+01	0.00E+00	0.00E+00	2.95E+00	2.77E+02	4.15E+04	0.00E+00	7.95E-06	6.78E-05	3.23E+00	6.37E-02	1.10E+04	0.00E+00	4.15E+04	5.81E-04	4.15E+04	5.24E+04	1.10E+04	0.00E+00	0.00E+00	0.00E+00	1.26E+02
HF4W440FSAI-MTS	1.20E+01	2.34E+03	4.30E+00	2.33E+03	0.00E+00	0.00E+00	4.42E+03	6.16E-03	1.46E+00	2.34E+01	0.00E+00	1.02E+02	2.94E-07	7.03E-06	3.36E+03	6.47E+01	0.00E+00	0.00E+00	4.21E-00	3.95E+02	5.90E+04	0.00E+00	1.13E-05	9.65E-05	4.59E+00	9.06E-02	1.56E+04	0.00E+00	5.90E+04	8.27E-04	5.90E+04	7.47E+04	1.56E+04	0.00E+00	0.00E+00	0.00E+00	1.79E+02
HF4S432FCJI-MTS	8.51E+00	1.66E+03	3.06E+00	1.66E+03	0.00E+00	0.00E+00	3.14E+03	4.37E-03	1.04E+00	1.67E+01	0.00E+00	7.28E+01	2.09E-07	4.99E-06	2.39E+03	4.60E+01	0.00E+00	0.00E+00	2.98E+00	2.81E+02	4.19E+04	0.00E+00	8.05E-06	6.85E-05	3.26E+00	6.44E-02	1.11E+04	0.00E+00	4.19E+04	5.88E-04	4.19E+04	5.30E+04	1.11E+04	0.00E+00	0.00E+00	0.00E+00	1.27E+02
HF4S440FCKI-MTS	1.21E+01	2.36E+03	4.34E+00	2.35E+03	0.00E+00	0.00E+00	4.45E+03	6.21E-03	1.47E+00	2.36E+01	0.00E+00	1.03E+02	2.96E-07	7.08E-06	3.39E+03	6.52E+01	0.00E+00	0.00E+00	4.24E-00	3.98E+02	5.95E+04	0.00E+00	1.14E-05	9.72E-05	4.63E+00	9.13E-02	1.57E+04	0.00E+00	5.95E+04	8.34E-04	5.95E+04	7.53E+04	1.57E+04	0.00E+00	0.00E+00	0.00E+00	1.81E+02
HW4P432FB	5.80E+00	1.13E+03	2.08E+00	1.13E+03	0.00E+00	0.00E+00	2.14E+03	2.98E-03	7.06E-01	1.13E+01	0.00E+00	4.96E+01	1.42E-07	3.40E-06	1.63E+03	3.13E+01	0.00E+00	0.00E+00	2.04E+00	1.91E+02	2.88E+04	0.00E+00	5.48E-06	4.67E-05	2.22E+00	4.38E-02	7.56E+03	0.00E+00	2.88E+04	4.00E-04	2.88E+04	3.61E+04	7.56E+03	0.00E+00	0.00E+00	0.00E+00	8.67E+01
HW4P432FE	5.95E+00	1.16E+03	2.14E+00	1.16E+03	0.00E+00	0.00E+00	2.19E+03	3.06E-03	7.25E-01	1.16E+01	0.00E+00	5.09E+01	1.46E-07	3.49E-06	1.67E+03	3.21E+01	0.00E+00	0.00E+00	2.09E+00	1.96E+02	2.93E+04	0.00E+00	5.63E-06	4.79E-05	2.28E+00	4.50E-02	7.76E+03	0.00E+00	2.93E+04	4.11E-04	2.93E+04	3.71E+04	7.76E+03	0.00E+00	0.00E+00	0.00E+00	8.90E+01
HW4P440DB	1.91E+01	3.73E+03	6.86E+00	3.72E+03	0.00E+00	0.00E+00	7.04E+03	9.81E-03	2.33E+00	3.74E+01	0.00E+00	1.63E+02	4.69E-07	1.12E-05	5.36E+03	1.03E+02	0.00E+00	0.00E+00	6.71E-00	6.29E+02	9.41E+04	0.00E+00	1.81E-05	1.54E-04	7.32E+00	1.44E-01	2.49E+04	0.00E+00	9.41E+04	1.32E-03	9.41E+04	1.19E+05	2.49E+04	0.00E+00	0.00E+00	0.00E+

HW4P420DB	3.39E+00	6.61E+02	1.22E+00	6.60E+02	0.00E+00	0.00E+00	1.25E+03	1.74E-03	4.13E-01	6.63E+00	0.00E+00	2.90E+01	8.31E-08	1.99E-06	9.50E+02	1.83E+01	0.00E+00	0.00E+00	1.19E+00	1.12E+02	1.67E+04	0.00E+00	3.20E-06	2.73E-05	1.30E+00	2.56E-02	4.42E+03	0.00E+00	1.67E+04	2.34E-04	1.67E+04	2.11E+04	4.42E+03	0.00E+00	0.00E+00	0.00E+00	5.06E+01
HW4P420DE	3.54E+00	6.91E+02	1.27E+00	6.89E+02	0.00E+00	0.00E+00	1.30E+03	1.82E-03	4.31E-01	6.93E+00	0.00E+00	3.03E+01	8.69E-08	2.07E-06	9.93E+02	1.91E+01	0.00E+00	0.00E+00	1.24E+00	1.17E+02	1.74E+04	0.00E+00	3.35E-06	2.85E-05	1.36E+00	2.68E-02	4.61E+03	0.00E+00	1.74E+04	2.44E-04	1.74E+04	2.20E+04	4.61E+03	0.00E+00	0.00E+00	0.00E+00	5.29E+01
HW4P420FB	3.22E+00	4.34E+02	7.99E-01	4.33E+02	0.00E+00	0.00E+00	8.20E+02	1.14E-03	2.71E-01	4.35E+00	0.00E+00	1.90E+01	5.46E-08	1.30E-06	6.24E+02	1.20E+01	0.00E+00	0.00E+00	7.81E+01	7.33E+01	1.10E+04	0.00E+00	2.10E-06	1.79E-05	8.53E-01	1.68E-02	2.90E+03	0.00E+00	1.10E+04	1.54E-04	1.10E+04	1.39E+04	2.90E+03	0.00E+00	0.00E+00	0.00E+00	3.33E+01
HW4P420FE	2.38E+00	4.64E+02	8.53E-01	4.63E+02	0.00E+00	0.00E+00	8.76E+02	1.22E-03	2.89E-01	4.65E+00	0.00E+00	2.03E+01	5.83E-08	1.39E-06	6.67E+02	1.28E+01	0.00E+00	0.00E+00	8.35E+01	7.83E+01	1.17E+04	0.00E+00	2.25E-06	1.91E-05	9.11E-01	1.80E-02	3.10E+03	0.00E+00	1.17E+04	1.64E-04	1.17E+04	1.48E+04	3.10E+03	0.00E+00	0.00E+00	0.00E+00	3.55E+01
HW4P425DB	5.48E+00	1.07E+03	1.97E+00	1.07E+03	0.00E+00	0.00E+00	2.02E+03	2.82E-03	6.68E-01	1.07E+01	0.00E+00	4.69E+01	1.34E-07	3.21E-06	1.54E+03	2.96E+01	0.00E+00	0.00E+00	1.93E+00	1.81E+02	2.70E+04	0.00E+00	5.18E-06	4.41E-05	2.10E+00	4.14E-02	7.15E+03	0.00E+00	2.70E+04	3.78E-04	2.70E+04	3.41E+04	7.15E+03	0.00E+00	0.00E+00	0.00E+00	8.19E+01
HW4P425FB	3.58E+00	6.99E+02	1.29E+00	6.98E+02	0.00E+00	0.00E+00	1.32E+03	1.84E-03	4.36E-01	7.01E+00	0.00E+00	3.06E+01	8.79E-08	2.10E-06	1.00E+03	1.93E+01	0.00E+00	0.00E+00	1.26E+00	1.18E+02	1.76E+04	0.00E+00	3.39E-06	2.88E-05	1.37E+00	2.71E-02	4.67E+03	0.00E+00	1.76E+04	2.47E-04	1.76E+04	2.23E+04	4.67E+03	0.00E+00	0.00E+00	0.00E+00	5.35E+01
HW4P425FE	3.73E+00	7.29E+02	1.34E+00	7.27E+02	0.00E+00	0.00E+00	1.38E+03	1.92E-03	4.55E-01	7.31E+00	0.00E+00	3.19E+01	9.16E-08	2.19E-06	1.05E+03	2.02E+01	0.00E+00	0.00E+00	1.31E+00	1.23E+02	1.84E+04	0.00E+00	3.53E-06	3.01E-05	1.43E+00	2.82E-02	4.87E+03	0.00E+00	1.84E+04	2.58E-04	1.84E+04	2.33E+04	4.87E+03	0.00E+00	0.00E+00	0.00E+00	5.58E+01
HW4P310FE	7.06E-01	1.38E+02	2.53E-01	1.37E+02	0.00E+00	0.00E+00	2.60E+02	3.63E-04	8.59E-02	1.38E+00	0.00E+00	6.04E+00	1.73E-08	4.14E-07	1.98E+02	3.81E+00	0.00E+00	0.00E+00	2.48E-01	2.33E+01	3.48E+03	0.00E+00	6.67E-07	5.68E-06	2.70E-01	5.34E-03	9.20E+02	0.00E+00	3.48E+03	4.87E-05	3.48E+03	4.40E+03	9.20E+02	0.00E+00	0.00E+00	0.00E+00	1.05E+01
HW4P312DB	1.30E+00	2.54E+02	4.68E-01	2.54E+02	0.00E+00	0.00E+00	4.81E+02	6.70E-04	1.59E-01	2.55E+00	0.00E+00	1.12E+01	3.20E-08	7.64E-07	3.66E+02	7.04E+00	0.00E+00	0.00E+00	4.58E-01	4.30E+01	6.42E+03	0.00E+00	1.23E-06	1.05E-05	5.00E-01	9.86E-03	1.70E+03	0.00E+00	6.42E+03	9.00E-05	6.42E+03	8.12E+03	1.70E+03	0.00E+00	0.00E+00	0.00E+00	1.95E+01
HW4P312DE	1.46E+00	2.84E+02	5.23E-01	2.84E+02	0.00E+00	0.00E+00	5.37E+02	7.48E-04	1.77E-01	2.85E+00	0.00E+00	1.25E+01	3.57E-08	8.53E-07	4.08E+02	7.86E+00	0.00E+00	0.00E+00	5.11E-01	4.80E+01	7.17E+03	0.00E+00	1.38E-06	1.17E-05	5.58E-01	1.10E-02	1.90E+03	0.00E+00	7.17E+03	1.00E-04	7.17E+03	9.07E+03	1.90E+03	0.00E+00	0.00E+00	0.00E+00	2.18E+01
HW4P312FB	8.76E-01	1.71E+02	3.15E-01	1.71E+02	0.00E+00	0.00E+00	3.23E+02	4.50E-04	1.07E-01	1.72E+00	0.00E+00	7.50E+00	2.15E-08	5.14E-07	2.46E+02	4.73E+00	0.00E+00	0.00E+00	3.08E-01	2.89E+01	4.32E+03	0.00E+00	8.29E-07	7.05E-06	3.36E-01	6.63E-03	1.14E+03	0.00E+00	4.32E+03	6.05E-05	4.32E+03	5.46E+03	1.14E+03	0.00E+00	0.00E+00	0.00E+00	1.31E+01
HW4P312FE	1.03E+00	2.01E+02	3.69E-01	2.00E+02	0.00E+00	0.00E+00	3.79E+02	5.28E-04	1.25E-01	2.01E+00	0.00E+00	8.86E+00	2.52E-08	6.03E-07	2.89E+02	5.55E+00	0.00E+00	0.00E+00	3.61E-01	3.39E+01	5.07E+03	0.00E+00	9.73E-07	8.28E-06	3.94E-01	7.78E-03	1.34E+03	0.00E+00	5.07E+03	7.10E-05	5.07E+03	6.41E+03	1.34E+03	0.00E+00	0.00E+00	0.00E+00	1.54E+01
HW4P316DB	2.15E+00	4.20E+02	7.73E-01	4.19E+02	0.00E+00	0.00E+00	7.94E+02	1.11E-03	2.62E-01	4.21E+00	0.00E+00	1.84E+01	5.28E-08	1.26E-06	6.04E+02	1.16E+01	0.00E+00	0.00E+00	7.56E-01	7.10E+01	1.06E+04	0.00E+00	2.04E-06	1.73E-05	8.25E-01	1.63E-02	2.81E+03	0.00E+00	1.06E+04	1.49E-04	1.06E+04	1.34E+04	2.81E+03	0.00E+00	0.00E+00	0.00E+00	3.22E+01
HW4P316DE	2.31E+00	4.50E+02	8.28E-01	4.49E+02	0.00E+00	0.00E+00	8.50E+02	1.18E-03	2.81E-01	4.51E+00	0.00E+00	1.97E+01	5.66E-08	1.35E-06	6.47E+02	1.24E+01	0.00E+00	0.00E+00	8.10E-01	7.60E+01	1.14E+04	0.00E+00	2.18E-06	1.86E-05	8.84E-01	1.74E-02	3.01E+03	0.00E+00	1.14E+04	1.59E-04	1.14E+04	1.44E+04	3.01E+03	0.00E+00	0.00E+00	0.00E+00	3.45E+01
HW4P316FB	1.44E+00	2.81E+02	5.18E-01	2.81E+02	0.00E+00	0.00E+00	5.31E+02	7.41E-04	1.76E-01	2.82E+00	0.00E+00	1.23E+01	3.54E-08	8.45E-07	4.04E+02	7.78E+00	0.00E+00	0.00E+00	5.06E-01	4.75E+01	7.10E+03	0.00E+00	1.36E-06	1.16E-05	5.52E-01	1.09E-02	1.88E+03	0.00E+00	7.10E+03	9.95E-05	7.10E+03	8.98E+03	1.88E+03	0.00E+00	0.00E+00	0.00E+00	2.15E+01
HW4P316FE	1.56E+00	3.11E+02	5.72E-01	3.10E+02	0.00E+00	0.00E+00	5.87E+02	8.19E-04	1.94E-01	3.12E+00	0.00E+00	1.36E+01	3.91E-08	9.34E-07	4.47E+02	8.60E+00	0.00E+00	0.00E+00	5.60E-01	5.25E+01	7.85E+03	0.00E+00	1.51E-06	1.28E-05	6.11E-01	1.20E-02	2.08E+03	0.00E+00	7.85E+03	1.10E-04	7.85E+03	9.93E+03	2.08E+03	0.00E+00	0.00E+00	0.00E+00	2.38E+01
HW4P320DB	3.39E+00	6.61E+02	1.22E+00	6.60E+02	0.00E+00	0.00E+00	1.25E+03	1.74E-03	4.13E-01	6.63E+00	0.00E+00	2.90E+01	8.31E-08	1.99E-06	9.50E+02	1.83E+01	0.00E+00	0.00E+00	1.19E+00	1.12E+02	1.67E+04	0.00E+00	3.20E-06	2.73E-05	1.30E+00	2.56E-02	4.42E+03	0.00E+00	1.67E+04	2.34E-04	1.67E+04	2.11E+04	4.42E+03	0.00E+00	0.00E+00	0.00E+00	5.06E+01
HW4P320DE	3.54E+00	6.91E+02	1.27E+00	6.89E+02	0.00E+00	0.00E+00	1.30E+03	1.82E-03	4.31E-01	6.93E+00	0.00E+00	3.03E+01	8.69E-08	2.07E-06	9.93E+02	1.91E+01	0.00E+00	0.00E+00	1.24E+00	1.17E+02	1.74E+04	0.00E+00	3.35E-06	2.85E-05	1.36E+00	2.68E-02	4.61E+03	0.00E+00	1.74E+04	2.44E-04	1.74E+04	2.20E+04	4.61E+03	0.00E+00	0.00E+00	0.00E+00	5.29E+01
HW4P320FB	2.22E+00	4.34E+02	7.99E-01	4.33E+02	0.00E+00	0.00E+00	8.20E+02	1.14E-03	2.71E-01	4.35E+00	0.00E+00	1.90E+01	5.46E-08	1.30E-06	6.24E+02	1.20E+01	0.00E+00	0.00E+00	7.81E-01	7.33E+01	1.10E+04	0.00E+00	2.10E-06	1.79E-05	8.53E-01	1.68E-02	2.90E+03	0.00E+00	1.10E+04	1.54E-04	1.10E+04	1.39E+04	2.90E+03	0.00E+00	0.00E+00	0.00E+00	3.33E+01
HW4P320FE	2.38E+00	4.64E+02	8.53E-01	4.63E+02	0.00E+00	0.00E+00	8.76E+02	1.22E-03	2.89E-01	4.65E+00	0.00E+00	2.03E+01	5.83E-08	1.39E-06	6.67E+02	1.28E+01	0.00E+00	0.00E+00	8.35E-01	7.83E+01	1.17E+04	0.00E+00	2.25E-06	1.91E-05	9.11E-01	1.80E-02	3.10E+03	0.00E+00	1.17E+04	1.64E-04	1.17E+04	1.48E+04	3.10E+03	0.00E+00	0.00E+00	0.00E+00	3.55E+01
HW4S432FE	5.95E+00	1.16E+03	2.14E+00	1.16E+03	0.00E+00	0.00E+00	2.19E+03	3.06E-03	7.25E-01	1.16E+01	0.00E+00	5.09E+01	1.46E-07	3.49E-06	1.67E+03	3.21E+01	0.00E+00	0.00E+00	2.09E+00	1.96E+02	2.93E+04	0.00E+00	5.63E-06	4.79E-05	2.28E+00	4.50E-02	7.76E+03	0.00E+00	2.93E+04	4.11E-04	2.93E+04	3.71E+04	7.76E+03	0.00E+00	0.00E+00	0.00E+00	8.90E+01
HW4S440DB	1.91E+01	3.73E+03	6.89E+00	3.72E+03	0.00E+00	0.00E+00	7.04E+03	9.81E-03	2.33E+00	3.74E+01	0.00E+00	1.63E+02	4.69E-07	1.12E-05	5.36E+03	1.03E+02	0.00E+00	0.00E+00	6.71E+00	6.29E+02	9.41E+04	0.00E+00	1.81E-05	1.54E-04	7.32E+00	1.44E-01	2.49E+04	0.00E+00	9.41E+04	1.32E-03	9.41E+04	1.19E+05	2.49E+04	0.00E+00	0.00E+00	0.00E+00	2.85E+02
HW4S440DE	1.92E+01	3.76E+03	6.91E+00	3.75E+03	0.00E+00	0.00E+00	7.10E+03	9.89E-03	2.34E+00	3.77E+01	0.00E+00	1.65E+02	4.72E-07	1.13E-05	5.40E+03	1.04E+02	0.00E+00	0.00E+00	6.76E+00	6.34E+02	9.48E+04	0.00E+00	1.82E-05	1.55E-04	7.38E+00	1.46E-01	2.51E+04	0.00E+00	9.48E+04	1.33E-03	9.48E+04	1.20E+05	2.51E+04	0.00E+00	0.00E+00	0.00E+00	2.88E+02
HW4S440FB	9.37E+00	1.83E+03	3.38E+00	1.82E+03	0.00E+00	0.00E+00	3.45E+03	4.81E-03	1.14E+00	1.83E+01	0.00E+00	8.01E+01	2.30E-07	5.49E-06	2.63E+03	5.06E+01	0.00E+00	0.00E+00	3.29E+00	3.09E+02	4.61E+04	0.00E+00	8.88E-06	7.54E-05	3.59E+00	7.08E-02	1.22E+04	0.00E+00	4.61E+04	6.47E-04	4.61E+04	5.83E+04	1.22E+04	0.00E+00	0.00E+00	0.00E+00	1.40E+02
HW4S440FE	9.52E+00	1.86E+03	3.42E+00	1.85E+03	0.00E+00	0.00E+00	3.51E+03	4.89E-03	1.16E+00	1.86E+01	0.00E+00	8.14E+01	2.34E-07	5.58E-06	2.67E+03	5.14E+01	0.00E+00	0.00E+00	3.34E+00	3.14E+02	4.69E+04	0.00E+00	9.00E-06	7.66E-05	3.65E+00	7.20E-02	1.24E+04	0.00E+00	4.69E+04	6.57E-04	4.69E+04	5.93E+04	1.24E+04	0.00E+00	0.00E+00	0.00E+00	1.42E+02
HW4W310DS	7.55E-01	1.47E+02	2.71E-01	1.47E+02	0.00E+00	0.00E+00	2.78E+02	3.88E-04	9.19E-02	1.48E+00	0.00E+00	6.46E+00	1.85E-08	4.42E-07	2.12E+02	4.08E+00	0.00E+00	0.00E+00	2.65E-01	2.49E+01	3.72E+03	0.00E+00	7.14E-07	6.07E-06	2.88E-01	5.71E-03	9.84E+02	0.00E+00	3.72E+03	5.21E-05	3.72E+03	4.70E+03	9.84E+02	0.00E+00	0.00E+00	0.00E+00	1.13E+01
HW4W310FS	4.46E-01	8.71E+01	1.60E-01	8.69E+01	0.00E+00	0.00E+00	1.64E+02	2.29E-04	5.43E-02	8.73E-01	0.00E+00	3.82E+00	1.09E-08	2.62E-07	1.25E+02	2.41E+00	0.00E+00	0.00E+00	1.57E-01	1.47E+01	2.20E+03	0.00E+00	4.22E-07	3.59E-06	1.71E-01	3.37E-03	5.82E+02	0.00E+00	2.20E+03	3.08E-05	2.20E+03	2.78E+03	5.82E+02	0.00E+00	0.00E+00	0.00E+00	6.67E+00
HW4W312DS	1.20E+00	2.33E+02	4.30E-01	2.33E+02	0.00E+00	0.00E+00	4.41E+02	6.15E-04	1.46E-01	2.34E+00	0.00E+00	1.02E+01	2.94E-08	7.01E-07	3.36E+02	6.46E+00	0.00E+00	0.00E+00	4.20E-01	3.94E+01	5.89E+03	0.00E+00	1.13E-06	9.63E-06	4.58E-01	9.04E-03	1.56E+03	0.00E+00	5.89E+03	8.26E-05	5.89E+03	7.45E+03	1.56E+03	0.00E+00	0.00E+00	0.00E+00	1.79E+01
HW4W312FS	7.69E-01	1.50E+02	2.76E-01	1.50E+02	0.00E+00	0.00E+00	2.83E+02	3.95E-04	9.37E-02	1.50E+00	0.00E+00	6.58E+00	1.89E-08	4.51E-07	2.16E+02	4.15E+00	0.00E+00	0.00E+00	2.70E-01	2.53E+01	3.79E+03	0.00E+00	7.27E-07	6.19E-06	2.95E-01	5.81E-03	1.00E+03	0.00E+00	3.79E+03	5.31E-05	3.79E+03	4.79E+03	1.00E+03	0.00E+00	0.00E+00	0.00E+00	1.15E+01
HW4W316DS	2.05E+00	3.99E+02	7.35E-01	3.98E+02	0.00E+00	0.00E+00	7.54E+02	1.05E-03	2.49E-01	4.00E+00	0.00E+00	1.75E+01	5.02E-08	1.20E-06	5.74E+02	1.10E+01	0.00E+00	0.00E+00	7.19E-01	6.74E+01	1.01E+04	0.00E+00	1.93E-06	1.65E-05	7.84E-01	1.55E-02	2.67E+03	0.00E+00	1.01E+04	1.41E-04	1.01E+04	1.27E+04	2.67E+03	0.00E+00	0.00E+00	0.00E+00	3.06E+01
HW4W316FS	1.33E+00	2.60E+02	4.79E-01	2.60E+02	0.00E+00	0.00E+00	4.92E+02	6.85E-04	1.62E-01	2.61E+00	0.00E+00	1.14E+01	3.27E-08	7.82E-07	3.74E+02	7.20E+00	0.00E+00	0.00E+00	4.69E-01	4.39E+01	6.57E+03	0.00E+00	1.26E-06	1.07E-05	5.11E-01	1.01E-02	1.74E+03	0.00E+00	6.57E+03	9.21E-05	6.57E+03	8.31E+03	1.74E+03	0.00E+00	0.00E+00	0.00E+00	1.99E+01
HW4W320DS	3.28E+00	6.40E+02	1.18E+00	6.39E+02	0.00E+00	0.00E+00	1.21E+03	1.69E-03	3.99E-01	6.42E+00	0.00E+00	2.81E+01	8.05E-08	1.93E-06	9.20E+02	1.77E+01	0.00E+00	0.00E+00	1.15E+00	1.08E+02	1.62E+04	0.00E+00	3.10E-06	2.64E-05	1.26E+00	2.48E-02	4.28E+03	0.00E+00	1.62E+04	2.26E-04	1.62E+04	2.04E+04	4.28E+03	0.00E+00	0.00E+00	0.00E+00	4.90E+01
HW4W320FS	2.12E+00	4.13E+02	7.60E-01	4.12E+02	0.00E+00	0.00E+00	7.80E+02	1.09E-03	2.58E-01	4.14E+00	0.00E+00	1.81E+01	5.19E-08	1.24E-06	5.94E+02	1.14E+01	0.00E+00	0.00E+00	7.44E-01	6.98E+01	1.04E+04	0.00E+00	2.00E-06	1.70E-05	8.11E-01	1.60E-02	2.76E+03	0.00E+00	1.04E+04	1.46E-04	1.04E+04	1.32E+04	2.76E+03	0.00E+00	0.00E+00	0.00E+00	3.16E+01
HW4P325DB	5.48E+00	1.07E+03	1.97E+00	1.07E+03	0.00E+00	0.00E+00	2.02E+03	2.82E-03	6.68E-01	1.07E+01	0.00E+00	4.69E+01	1.34E-07	3.21E-06	1.54E+03	2.96E+01	0.00E+00	0.00E+00	1.93E+00	1.81E+02	2.70E+04	0.00E+00	5.18E-06	4.41E-05	2.10E+00	4.14E-02	7.15E+03	0.00E+00	2.70E+04	3.78E-04	2.70E+04	3.41E+04	7.15E+03	0.00E+00	0.00E+00	0.00E+00	8.19E+01
HW4P325DE	5.63E+00	1.10E+03	2.02E+00	1.10E+03	0.00E+00	0.00E+00	2.08E+03	2.89E-03	6.86E-01	1.10E+01	0.00E+00	4.82E+01	1.38E-07	3.30E-06	1.58E+03	3.04E+01	0.00E+00	0.00E+00	1.98E+00	1.86E+02	2.77E+04	0.00E+00	5.33E-06	4.53E-05	2.16E+00	4.26E-02	7.34E+03	0.00E+00	2.77E+04	3.89E-04	2.77E+04	3.51E+04	7.34E+03	0.00E+00	0.00E+00	0.00E+00	8.42E+01
HW4P325FB	3.58E+00	6.99E+02	1.29E+00	6.98E+02	0.00E+00	0.00E+00	1.32E+03	1.84E-03	4.36E-01	7.01E+00	0.00E+00	3.06E+01	8.79E-08	2.10E-06	1.00E+03	1.93E+01	0.00E+00	0.00E+00	1.26E+00	1.18E+02	1.76E+04	0.00E+00	3.39E-06	2.88E-05	1.37E+00	2.71E-02	4.67E+03	0.00E+00	1.76E+04	2.47E-04	1.76E+04	2.23E+04	4.67E+03	0.00E+00	0.00E+00	0.00E+00	5.35E+01
HW4P325FE	3.73E+00	7.29E+02	1.34E+00	7.27E+02	0.00E+00	0.00E+00	1.38E+03	1.92E-03	4.55E-01	7.31E+00	0.00E+00	3.19E+01	9.16E-08	2.19E-06	1.05E+03	2.02E+01	0.00E+00	0.00E+00	1.31E+00	1.23E+02	1.84E+04	0.00E+00	3.53E-06	3.01E-05	1.43E+00	2.82E-02	4.87E+03	0.00E+00	1.84E+04	2.58E-04	1.84E+04	2.33E+04	4.87E+03	0.00E+00	0.00E+00	0.00E+00	5.58E+01
HW4P332DB	1.19E+01	2.32E+03	4.27E+00	2.32E+03	0.00E+00	0.00E+00	4.39E+03	6.11E-03	1.45E+00	2.33E+01	0.00E+00	1.02E+02	2.92E-07	6.97E-06	3.34E+03	6.43E+01	0.00E+00	0.00E+00	4.18E+00	3.92E+02	5.86E+04	0.00E+00	1.13E-05	9.58E-05	4.56E+00	9.00E-02	1.55E+04	0.00E+00	5.86E+04	8.21E-04	5.86E+04	7.41E+04	1.55E+04	0.00E+00	0.00E+00	0.00E+00	1.78E+02
HW4P332DE	1.20E+01	2.35E+03	4.33E+00	2.35E+03	0.00E+00	0.00E+00	4.44E+03	6.19E-03	1.47E+00	2.36E+01	0.00E+00	1.03E+02	2.96E-07	7.06E-06	3.38E+03	6.51E+01	0.00E+00	0.00E+00	4.23E+00	3.97E+02	5.94E+04	0.00E+00	1.14E-05	9.70E-05	4.62E+00	9.11E-02	1.57E+04	0.00E+00	5.94E+04	8.32E-04	5.94E+04	7.51E+04	1.57E+04	0.00E+00	0.00E+00	0.00E+00	1.80E+02
HW4P332FB	5.80E+00	1.13E+03	2.08E+00	1.13E+03	0.00E+00	0.00E+00	2.14E+03	2.98E-03	7.06E-01	1.13E+01	0.00E+00	4.96E+01	1.42E-07	3.40E-06	1.63E+03	3.13E+01	0.00E+00	0.00E+00	2.04E+00	1.91E+02	2.86E+04	0.00E+00	5.48E-06	4.67E-05	2.22E+00	4.38E-02	7.56E+03	0.00E+00	2.86E+04	4.00E-04	2.86E+04	3.61E+04	7.56E+03	0.00E+00	0.00E+00	0.00E+00	8.67E+01
HW4P332FE	5.95E+00	1.16E+03	2.14E+00	1.16E+03	0.00E+00	0.00E+00	2.19E+03	3.06E-03	7.25E-01	1.16E+01	0.00E+00	5.09E+01	1.46E-07	3.49E-06	1.67E+03	3.21E+01	0.00E+00	0.00E+00	2.09E+00	1.96E+02	2.93E+04	0.00E+00	5.63E-06	4.79E-05	2.28E+00	4.50E-02	7.76E+03	0.00E+00	2.93E+04	4.11E-04	2.93E+04	3.71E+04	7.76E+03	0.00E+00	0.00E+00	0.00E+00	8.90E+01
HW4P425DB	5.63E+00	1.10E+03	2.02E+00	1.10E+03	0.00E+00	0.00E+00	2.08E+03	2.89E-03	6.86E-01	1.10E+01	0.00E+00	4.82E+01	1.38E-07	3.30E-06	1.58E+03	3.04E+01	0.00E+00	0.00E+00	1.98E+00	1.86E+02	2.77E+04	0.00E+00	5.33E-06	4.53E-05	2.16E+00	4.26E-02	7.34E+03	0.00E+00	2.77E+04	3.89E-04	2.77E+04	3.51E+04	7.34E+03	0.00E+00	0.00E+00	0.00E+00	8.42E+01
HW4P340DB	1.91E+01	3.73E+03	6.88E+00	3.72E+03	0.00E+00	0.00E+00	7.04E+03	9.81E-03	2.33E+00	3.74E+01	0.00E+00	1.63E+02	4.69E-07	1.12E-05	5.36E+03	1.03E+02	0.00E+00	0.00E+00	6.71E+00	6.29E+02	9.41E+04	0.00E+00	1.81E-05	1.54E-04	7.32E+00	1.44E-01	2.49E+04	0.00E+00	9.41E+04	1.32E-03	9.41E+04	1.19E+05	2.49E+04	0.00E+00	0.00E+00	0.00E+00	2.85E+02
HW4P340DE	1.92E+01	3.76E+03	6.91E+00	3.75E+03	0.00E+00	0.00E+00	7.10E+03	9.89E-03	2.34E+00	3.77E+01	0.00E+00	1.65E+02	4.72E-07	1.13E-05	5.40E+03	1.04E+02	0.00E+00	0.00E+00	6.76E+00	6.34E+02	9.48E+04	0.00E+00	1.82E-05	1.55E-04	7.38E+00	1.46E-01	2.51E+04	0.00E+00	9.48E+04	1.33E-03	9.48E+04	1.20E+05	2.51E+04	0.00E+00	0.00E+00	0.00E+00	2.88E+02
HW4W325DS	5.37E+00	1.05E+03	1.93E+00	1.05E+03	0.00E+00	0.00E+00	1.98E+03	2.76E-03	6.54E-01	1.05E+01	0.00E+00	4.60E+01	1.32E-07	3.15E-06	1.51E+03	2.90E+01	0.00E+00	0.00E+00	1.89E+00	1.77E+02	2.65E+04	0.00E+00	5.08E-06	4.32E-05	2.06E+00	4.06E-02	7.00E+03	0.00E+00	2.65E+04	3.71E-04	2.65E+04	3.35E+04	7.00E+03	0.00E+00	0.00E+00	0.00E+00	8.03E+01
HW4W325FS	3.47E+00	6.78E+02	1.25E+00	6.77E+02	0.00E+00	0.00E+00	1.28E+03	1.79E-03	4.23E-01	6.80E+00	0.00E+00	2.97E+01	8.53E-08	2.04E-06	9.75E+02	1.88E+01	0.00E+00	0.00E+00	1.22E+00	1.14E+02	1.71E+04	0.00E+00	3.29E-06	2.80E-05	1.33E+00	2.63E-02	4.53E+03	0.00E+00	1.71E+04	2.40E-04	1.71E+04	2.16E+04	4.53E+03	0.00E+00	0.00E+00	0.00E+00	5.19E+01
HW4W332DS	1.18E+01	2.30E+03	4.23E+00	2.30E+03	0.00E+00	0.00E+00	4.35E+03	6.06E-03	1

HW4S325DB	5.48E+00	1.07E+03	1.97E+00	1.07E+03	0.00E+00	0.00E+00	2.02E+03	2.82E-03	6.68E-01	1.07E+01	0.00E+00	4.69E+01	1.34E-07	3.21E-06	1.54E+03	2.99E+01	0.00E+00	0.00E+00	1.93E+00	1.81E+02	2.70E+04	0.00E+00	5.18E-06	4.41E-05	2.10E+02	4.14E+02	7.15E+03	0.00E+00	2.70E+04	3.78E-04	2.70E+04	3.41E+04	7.15E+03	0.00E+00	0.00E+00	0.00E+00	8.19E+01
HW4S325DE	5.63E+00	1.10E+03	2.02E+00	1.10E+03	0.00E+00	0.00E+00	2.08E+03	2.89E-03	6.86E-01	1.10E+01	0.00E+00	4.82E+01	1.38E-07	3.30E-06	1.58E+03	3.04E+01	0.00E+00	0.00E+00	1.98E+00	1.86E+02	2.77E+04	0.00E+00	5.33E-06	4.53E-05	2.16E+02	4.26E+02	7.34E+03	0.00E+00	2.77E+04	3.89E-04	2.77E+04	3.51E+04	7.34E+03	0.00E+00	0.00E+00	0.00E+00	8.42E+01
HW4S325FB	3.58E+00	6.99E+02	1.29E+00	6.98E+02	0.00E+00	0.00E+00	1.32E+03	1.84E-03	4.36E-01	7.01E+00	0.00E+00	3.06E+01	8.79E-08	2.10E-06	1.00E+03	1.93E+01	0.00E+00	0.00E+00	1.26E+00	1.18E+02	1.76E+04	0.00E+00	3.39E-06	2.88E-05	1.37E+02	2.71E+02	4.67E+03	0.00E+00	1.76E+04	2.47E-04	1.76E+04	2.23E+04	4.67E+03	0.00E+00	0.00E+00	0.00E+00	5.35E+01
HW4S325FE	3.73E+00	7.29E+02	1.34E+00	7.27E+02	0.00E+00	0.00E+00	1.38E+03	1.92E-03	4.55E-01	7.31E+00	0.00E+00	3.19E+01	9.16E-08	2.19E-06	1.05E+03	2.02E+01	0.00E+00	0.00E+00	1.31E+00	1.23E+02	1.84E+04	0.00E+00	3.53E-06	3.01E-05	1.43E+02	2.82E+02	4.87E+03	0.00E+00	1.84E+04	2.58E-04	1.84E+04	2.33E+04	4.87E+03	0.00E+00	0.00E+00	0.00E+00	5.58E+01
HW4S332DB	1.19E+01	2.32E+03	4.27E+00	2.32E+03	0.00E+00	0.00E+00	4.39E+03	6.11E-03	1.45E+00	2.33E+01	0.00E+00	1.02E+02	2.92E-07	6.97E-06	3.34E+03	6.43E+01	0.00E+00	0.00E+00	4.18E+00	3.92E+02	5.86E+04	0.00E+00	1.13E-05	9.58E-05	4.56E+02	9.00E+02	1.55E+04	0.00E+00	5.86E+04	8.21E-04	5.86E+04	7.41E+04	1.55E+04	0.00E+00	0.00E+00	0.00E+00	1.78E+02
HW4S332DE	1.20E+01	2.35E+03	4.33E+00	2.35E+03	0.00E+00	0.00E+00	4.44E+03	6.19E-03	1.47E+00	2.36E+01	0.00E+00	1.03E+02	2.96E-07	7.06E-06	3.38E+03	6.51E+01	0.00E+00	0.00E+00	4.23E+00	3.97E+02	5.94E+04	0.00E+00	1.14E-05	9.70E-05	4.62E+02	9.11E+02	1.57E+04	0.00E+00	5.94E+04	8.32E-04	5.94E+04	7.51E+04	1.57E+04	0.00E+00	0.00E+00	0.00E+00	1.80E+02
HW4S332FB	5.80E+00	1.13E+03	2.08E+00	1.13E+03	0.00E+00	0.00E+00	2.14E+03	2.98E-03	7.06E-01	1.13E+01	0.00E+00	4.96E+01	1.42E-07	3.40E-06	1.63E+03	3.13E+01	0.00E+00	0.00E+00	2.04E+00	1.91E+02	2.86E+04	0.00E+00	5.48E-06	4.67E-05	2.22E+02	4.38E+02	7.56E+03	0.00E+00	2.86E+04	4.00E-04	2.86E+04	3.61E+04	7.56E+03	0.00E+00	0.00E+00	0.00E+00	8.67E+01
HW4S332FE	5.95E+00	1.16E+03	2.14E+00	1.16E+03	0.00E+00	0.00E+00	2.19E+03	3.06E-03	7.25E-01	1.16E+01	0.00E+00	5.09E+01	1.46E-07	3.49E-06	1.67E+03	3.21E+01	0.00E+00	0.00E+00	2.09E+00	1.96E+02	2.93E+04	0.00E+00	5.63E-06	4.79E-05	2.28E+02	4.50E+02	7.76E+03	0.00E+00	2.93E+04	4.11E-04	2.93E+04	3.71E+04	7.76E+03	0.00E+00	0.00E+00	0.00E+00	8.90E+01
HW4S340DB	1.91E+01	3.73E+03	6.86E+00	3.72E+03	0.00E+00	0.00E+00	7.04E+03	9.81E-03	2.33E+00	3.74E+01	0.00E+00	1.63E+02	4.69E-07	1.12E-05	5.36E+03	1.03E+02	0.00E+00	0.00E+00	6.71E+00	6.29E+02	9.41E+04	0.00E+00	1.81E-05	1.54E-04	7.32E+02	1.44E+01	2.49E+04	0.00E+00	9.41E+04	1.32E-03	9.41E+04	1.19E+05	2.49E+04	0.00E+00	0.00E+00	0.00E+00	2.85E+02
HW4S340DE	1.92E+01	3.76E+03	6.91E+00	3.75E+03	0.00E+00	0.00E+00	7.10E+03	9.89E-03	2.34E+00	3.77E+01	0.00E+00	1.65E+02	4.72E-07	1.13E-05	5.40E+03	1.04E+02	0.00E+00	0.00E+00	6.76E+00	6.34E+02	9.48E+04	0.00E+00	1.82E-05	1.55E-04	7.38E+02	1.46E+01	2.51E+04	0.00E+00	9.48E+04	1.33E-03	9.48E+04	1.20E+05	2.51E+04	0.00E+00	0.00E+00	0.00E+00	2.88E+02
HW4S340FB	9.37E+00	1.83E+03	3.36E+00	1.82E+03	0.00E+00	0.00E+00	3.45E+03	4.81E-03	1.14E+00	1.83E+01	0.00E+00	8.01E+01	2.30E-07	5.49E-06	2.63E+03	5.06E+01	0.00E+00	0.00E+00	3.29E+00	3.09E+02	4.61E+04	0.00E+00	8.88E-06	7.54E-05	3.59E+02	7.08E+02	1.22E+04	0.00E+00	4.61E+04	6.47E-04	4.61E+04	5.83E+04	1.22E+04	0.00E+00	0.00E+00	0.00E+00	1.40E+02
HW4S340FE	9.52E+00	1.86E+03	3.42E+00	1.85E+03	0.00E+00	0.00E+00	3.51E+03	4.89E-03	1.16E+00	1.86E+01	0.00E+00	8.14E+01	2.34E-07	5.58E-06	2.67E+03	5.14E+01	0.00E+00	0.00E+00	3.34E+00	3.14E+02	4.69E+04	0.00E+00	9.00E-06	7.66E-05	3.65E+02	7.20E+02	1.24E+04	0.00E+00	4.69E+04	6.57E-04	4.69E+04	5.93E+04	1.24E+04	0.00E+00	0.00E+00	0.00E+00	1.42E+02
HW4P310DB	8.62E-01	1.68E+02	3.10E-01	1.68E+02	0.00E+00	0.00E+00	3.18E+02	4.43E-04	1.05E-01	1.68E+00	0.00E+00	7.38E+00	2.12E-08	5.05E-07	2.42E+02	4.66E+00	0.00E+00	0.00E+00	3.03E-01	2.84E+01	4.25E+03	0.00E+00	8.15E-07	6.94E-06	3.31E-01	6.52E+03	1.12E+03	0.00E+00	4.25E+03	5.95E-05	4.25E+03	5.37E+03	1.12E+03	0.00E+00	0.00E+00	0.00E+00	1.29E+01
HW4P310DE	1.01E+00	1.98E+02	3.64E-01	1.98E+02	0.00E+00	0.00E+00	3.74E+02	5.21E-04	1.24E-01	1.98E+00	0.00E+00	8.68E+00	2.49E-08	5.95E-07	2.85E+02	5.48E+00	0.00E+00	0.00E+00	3.56E-01	3.34E+01	5.00E+03	0.00E+00	9.59E-07	8.16E-06	3.89E-01	7.67E+03	1.32E+03	0.00E+00	5.00E+03	7.00E-05	5.00E+03	6.32E+03	1.32E+03	0.00E+00	0.00E+00	0.00E+00	1.52E+01
HW4P310FB	5.54E-01	1.08E+02	1.99E-01	1.08E+02	0.00E+00	0.00E+00	2.04E+02	2.84E-04	6.74E-02	1.08E+00	0.00E+00	4.74E+00	1.36E-08	3.25E-07	1.55E+02	2.99E+00	0.00E+00	0.00E+00	1.95E-01	1.82E+01	2.73E+03	0.00E+00	5.24E-07	4.46E-06	2.12E-01	4.19E+03	7.22E+02	0.00E+00	2.73E+03	3.82E-05	2.73E+03	3.45E+03	7.22E+02	0.00E+00	0.00E+00	0.00E+00	8.28E+00
HW4S320DB	3.39E+00	6.61E+02	1.22E+00	6.60E+02	0.00E+00	0.00E+00	1.25E+03	1.74E-03	4.13E-01	6.63E+00	0.00E+00	2.90E+01	8.31E-08	1.99E-06	9.50E+02	1.83E+01	0.00E+00	0.00E+00	1.19E+00	1.12E+02	1.67E+04	0.00E+00	3.20E-06	2.73E-05	1.30E+02	2.56E+02	4.42E+03	0.00E+00	1.67E+04	2.34E-04	1.67E+04	2.11E+04	4.42E+03	0.00E+00	0.00E+00	0.00E+00	5.06E+01
HW4S320DE	3.54E+00	6.91E+02	1.27E+00	6.89E+02	0.00E+00	0.00E+00	1.30E+03	1.82E-03	4.31E-01	6.93E+00	0.00E+00	3.03E+01	8.69E-08	2.07E-06	9.93E+02	1.91E+01	0.00E+00	0.00E+00	1.24E+00	1.17E+02	1.74E+04	0.00E+00	3.35E-06	2.85E-05	1.38E+02	2.68E+02	4.61E+03	0.00E+00	1.74E+04	2.44E-04	1.74E+04	2.20E+04	4.61E+03	0.00E+00	0.00E+00	0.00E+00	5.29E+01
HW4S320FB	2.22E+00	4.34E+02	7.99E-01	4.33E+02	0.00E+00	0.00E+00	8.20E+02	1.14E-03	2.71E-01	4.35E+00	0.00E+00	1.90E+01	5.46E-08	1.30E-06	6.24E+02	1.20E+01	0.00E+00	0.00E+00	7.81E-01	7.33E+01	1.10E+04	0.00E+00	2.10E-06	1.79E-05	8.53E-01	1.68E+02	2.90E+03	0.00E+00	1.10E+04	1.54E-04	1.10E+04	1.39E+04	2.90E+03	0.00E+00	0.00E+00	0.00E+00	3.33E+01
HW4S340FE	9.52E+00	1.86E+03	3.42E+00	1.85E+03	0.00E+00	0.00E+00	3.51E+03	4.89E-03	1.16E+00	1.86E+01	0.00E+00	8.14E+01	2.34E-07	5.58E-06	2.67E+03	5.14E+01	0.00E+00	0.00E+00	3.34E+00	3.14E+02	4.69E+04	0.00E+00	9.00E-06	7.66E-05	3.65E+02	7.20E+02	1.24E+04	0.00E+00	4.69E+04	6.57E-04	4.69E+04	5.93E+04	1.24E+04	0.00E+00	0.00E+00	0.00E+00	1.42E+02
HW4E320FE	2.38E+00	4.64E+02	8.53E-01	4.63E+02	0.00E+00	0.00E+00	8.76E+02	1.22E-03	2.89E-01	4.65E+00	0.00E+00	2.03E+01	5.83E-08	1.39E-06	6.67E+02	1.28E+01	0.00E+00	0.00E+00	8.35E-01	7.83E+01	1.17E+04	0.00E+00	2.25E-06	1.91E-05	9.11E-01	1.80E+02	3.10E+03	0.00E+00	1.17E+04	1.64E-04	1.17E+04	1.48E+04	3.10E+03	0.00E+00	0.00E+00	0.00E+00	3.55E+01
HW4E325DB	5.48E+00	1.07E+03	1.97E+00	1.07E+03	0.00E+00	0.00E+00	2.02E+03	2.82E-03	6.68E-01	1.07E+01	0.00E+00	4.69E+01	1.34E-07	3.21E-06	1.54E+03	2.99E+01	0.00E+00	0.00E+00	1.93E+00	1.81E+02	2.70E+04	0.00E+00	5.18E-06	4.41E-05	2.10E+02	4.14E+02	7.15E+03	0.00E+00	2.70E+04	3.78E-04	2.70E+04	3.41E+04	7.15E+03	0.00E+00	0.00E+00	0.00E+00	8.19E+01
HW4E325DE	5.63E+00	1.10E+03	2.02E+00	1.10E+03	0.00E+00	0.00E+00	2.08E+03	2.89E-03	6.86E-01	1.10E+01	0.00E+00	4.82E+01	1.38E-07	3.30E-06	1.58E+03	3.04E+01	0.00E+00	0.00E+00	1.98E+00	1.86E+02	2.77E+04	0.00E+00	5.33E-06	4.53E-05	2.16E+02	4.26E+02	7.34E+03	0.00E+00	2.77E+04	3.89E-04	2.77E+04	3.51E+04	7.34E+03	0.00E+00	0.00E+00	0.00E+00	8.42E+01
HW4E325FB	3.58E+00	6.99E+02	1.29E+00	6.98E+02	0.00E+00	0.00E+00	1.32E+03	1.84E-03	4.36E-01	7.01E+00	0.00E+00	3.06E+01	8.79E-08	2.10E-06	1.00E+03	1.93E+01	0.00E+00	0.00E+00	1.26E+00	1.18E+02	1.76E+04	0.00E+00	3.39E-06	2.88E-05	1.37E+02	2.71E+02	4.67E+03	0.00E+00	1.76E+04	2.47E-04	1.76E+04	2.23E+04	4.67E+03	0.00E+00	0.00E+00	0.00E+00	5.35E+01
HW4E325FE	3.73E+00	7.29E+02	1.34E+00	7.27E+02	0.00E+00	0.00E+00	1.38E+03	1.92E-03	4.55E-01	7.31E+00	0.00E+00	3.19E+01	9.16E-08	2.19E-06	1.05E+03	2.02E+01	0.00E+00	0.00E+00	1.31E+00	1.23E+02	1.84E+04	0.00E+00	3.53E-06	3.01E-05	1.43E+02	2.82E+02	4.87E+03	0.00E+00	1.84E+04	2.58E-04	1.84E+04	2.33E+04	4.87E+03	0.00E+00	0.00E+00	0.00E+00	5.58E+01
HW4E332DB	1.19E+01	2.32E+03	4.27E+00	2.32E+03	0.00E+00	0.00E+00	4.39E+03	6.11E-03	1.45E+00	2.33E+01	0.00E+00	1.02E+02	2.92E-07	6.97E-06	3.34E+03	6.43E+01	0.00E+00	0.00E+00	4.18E+00	3.92E+02	5.86E+04	0.00E+00	1.13E-05	9.58E-05	4.56E+02	9.00E+02	1.55E+04	0.00E+00	5.86E+04	8.21E-04	5.86E+04	7.41E+04	1.55E+04	0.00E+00	0.00E+00	0.00E+00	1.78E+02
HW4E332DE	1.20E+01	2.35E+03	4.33E+00	2.35E+03	0.00E+00	0.00E+00	4.44E+03	6.19E-03	1.47E+00	2.36E+01	0.00E+00	1.03E+02	2.96E-07	7.06E-06	3.38E+03	6.51E+01	0.00E+00	0.00E+00	4.23E+00	3.97E+02	5.94E+04	0.00E+00	1.14E-05	9.70E-05	4.62E+02	9.11E+02	1.57E+04	0.00E+00	5.94E+04	8.32E-04	5.94E+04	7.51E+04	1.57E+04	0.00E+00	0.00E+00	0.00E+00	1.80E+02
HW4E332FB	5.80E+00	1.13E+03	2.08E+00	1.13E+03	0.00E+00	0.00E+00	2.14E+03	2.98E-03	7.06E-01	1.13E+01	0.00E+00	4.96E+01	1.42E-07	3.40E-06	1.63E+03	3.13E+01	0.00E+00	0.00E+00	2.04E+00	1.91E+02	2.86E+04	0.00E+00	5.48E-06	4.67E-05	2.22E+02	4.38E+02	7.56E+03	0.00E+00	2.86E+04	4.00E-04	2.86E+04	3.61E+04	7.56E+03	0.00E+00	0.00E+00	0.00E+00	8.67E+01
HW4E332FE	5.95E+00	1.16E+03	2.14E+00	1.16E+03	0.00E+00	0.00E+00	2.19E+03	3.06E-03	7.25E-01	1.16E+01	0.00E+00	5.09E+01	1.46E-07	3.49E-06	1.67E+03	3.21E+01	0.00E+00	0.00E+00	2.09E+00	1.96E+02	2.93E+04	0.00E+00	5.63E-06	4.79E-05	2.28E+02	4.50E+02	7.76E+03	0.00E+00	2.93E+04	4.11E-04	2.93E+04	3.71E+04	7.76E+03	0.00E+00	0.00E+00	0.00E+00	8.90E+01
HW4E340DB	1.91E+01	3.73E+03	6.86E+00	3.72E+03	0.00E+00	0.00E+00	7.04E+03	9.81E-03	2.33E+00	3.74E+01	0.00E+00	1.63E+02	4.69E-07	1.12E-05	5.36E+03	1.03E+02	0.00E+00	0.00E+00	6.71E+00	6.29E+02	9.41E+04	0.00E+00	1.81E-05	1.54E-04	7.32E+02	1.44E+01	2.49E+04	0.00E+00	9.41E+04	1.32E-03	9.41E+04	1.19E+05	2.49E+04	0.00E+00	0.00E+00	0.00E+00	2.85E+02
HW4E340DE	1.92E+01	3.76E+03	6.91E+00	3.75E+03	0.00E+00	0.00E+00	7.10E+03	9.89E-03	2.34E+00	3.77E+01	0.00E+00	1.65E+02	4.72E-07	1.13E-05	5.40E+03	1.04E+02	0.00E+00	0.00E+00	6.76E+00	6.34E+02	9.48E+04	0.00E+00	1.82E-05	1.55E-04	7.38E+02	1.46E+01	2.51E+04	0.00E+00	9.48E+04	1.33E-03	9.48E+04	1.20E+05	2.51E+04	0.00E+00	0.00E+00	0.00E+00	2.88E+02
HW4E340FB	9.37E+00	1.83E+03	3.36E+00	1.82E+03	0.00E+00	0.00E+00	3.45E+03	4.81E-03	1.14E+00	1.83E+01	0.00E+00	8.01E+01	2.30E-07	5.49E-06	2.63E+03	5.06E+01	0.00E+00	0.00E+00	3.29E+00	3.09E+02	4.61E+04	0.00E+00	8.88E-06	7.54E-05	3.59E+02	7.08E+02	1.22E+04	0.00E+00	4.61E+04	6.47E-04	4.61E+04	5.83E+04	1.22E+04	0.00E+00	0.00E+00	0.00E+00	1.40E+02
HW4E340FE	9.52E+00	1.86E+03	3.42E+00	1.85E+03	0.00E+00	0.00E+00	3.51E+03	4.89E-03	1.16E+00	1.86E+01	0.00E+00	8.14E+01	2.34E-07	5.58E-06	2.67E+03	5.14E+01	0.00E+00	0.00E+00	3.34E+00	3.14E+02	4.69E+04	0.00E+00	9.00E-06	7.66E-05	3.65E+02	7.20E+02	1.24E+04	0.00E+00	4.69E+04	6.57E-04	4.69E+04	5.93E+04	1.24E+04	0.00E+00	0.00E+00	0.00E+00	1.42E+02
HW4E410DB	8.62E-01	1.68E+02	3.10E-01	1.68E+02	0.00E+00	0.00E+00	3.18E+02	4.43E-04	1.05E-01	1.68E+00	0.00E+00	7.38E+00	2.12E-08	5.05E-07	2.42E+02	4.66E+00	0.00E+00	0.00E+00	3.03E-01	2.84E+01	4.25E+03	0.00E+00	8.15E-07	6.94E-06	3.31E-01	6.52E+03	1.12E+03	0.00E+00	4.25E+03	5.95E-05	4.25E+03	5.37E+03	1.12E+03	0.00E+00	0.00E+00	0.00E+00	1.29E+01
HW4E410DE	1.01E+00	1.98E+02	3.64E-01	1.98E+02	0.00E+00	0.00E+00	3.74E+02	5.21E-04	1.24E-01	1.98E+00	0.00E+00	8.68E+00	2.49E-08	5.95E-07	2.85E+02	5.48E+00	0.00E+00	0.00E+00	3.56E-01	3.34E+01	5.00E+03	0.00E+00	9.59E-07	8.16E-06	3.89E-01	7.67E+03	1.32E+03	0.00E+00	5.00E+03	7.00E-05	5.00E+03	6.32E+03	1.32E+03	0.00E+00	0.00E+00	0.00E+00	1.52E+01
HW4E410FB	5.54E-01	1.08E+02	1.99E-01	1.08E+02	0.00E+00	0.00E+00	2.04E+02	2.84E-04	6.74E-02	1.08E+00	0.00E+00	4.74E+00	1.36E-08	3.25E-07	1.55E+02	2.99E+00	0.00E+00	0.00E+00	1.95E-01	1.82E+01	2.73E+03	0.00E+00	5.24E-07	4.46E-06	2.12E-01	4.19E+03	7.22E+02	0.00E+00	2.73E+03	3.82E-05	2.73E+03	3.45E+03	7.22E+02	0.00E+00	0.00E+00	0.00E+00	8.28E+00
HW4E410FE	7.06E-01	1.38E+02	2.53E-01	1.37E+02	0.00E+00	0.00E+00	2.60E+02	3.63E-04	8.59E-02	1.38E+00	0.00E+00	6.04E+00	1.73E-08	4.14E-07	1.98E+02	3.81E+00	0.00E+00	0.00E+00	2.48E-01	2.33E+01	3.48E+03	0.00E+00	6.67E-07	5.68E-06	2.70E-01	5.34E+03	9.20E+02	0.00E+00	3.48E+03	4.87E-05	3.48E+03	4.40E+03	9.20E+02	0.00E+00	0.00E+00	0.00E+00	1.05E+01
HW4E412DB	1.30E+00	2.54E+02	4.68E-01	2.54E+02	0.00E+00	0.00E+00	4.81E+02	6.70E-04	1.59E-01	2.55E+00	0.00E+00	1.12E+01	3.20E-08	7.64E-07	3.66E+02	7.04E+00	0.00E+00	0.00E+00	4.58E-01	4.30E+01	6.42E+03	0.00E+00	1.23E-06	1.05E-05	5.00E-01	9.86E+03	1.70E+03	0.00E+00	6.42E+03	9.00E-05	6.42E+03	8.12E+03	1.70E+03	0.00E+00	0.00E+00	0.00E+00	1.95E+01
HW4E412DE	1.46E+00	2.84E+02	5.23E-01	2.84E+02	0.00E+00	0.00E+00	5.37E+02	7.48E-04	1.77E-01	2.85E+00	0.00E+00	1.25E+01	3.57E-08	8.53E-07	4.08E+02	7.86E+00	0.00E+00	0.00E+00	5.11E-01	4.80E+01	7.17E+03	0.00E+00	1.38E-06	1.17E-05	5.58E-01	1.10E+02	1.90E+03	0.00E+00	7.17E+03	1.00E-04	7.17E+03	9.07E+03	1.90E+03	0.00E+00	0.00E+00	0.00E+00	2.18E+01
HW4E412FB	8.76E-01	1.71E+02	3.15E-01	1.71E+02	0.00E+00	0.00E+00	3.23E+02	4.50E-04	1.07E-01	1.72E+00	0.00E+00	7.50E+00	2.15E-08	5.14E-07	2.46E+02	4.73E+00	0.00E+00	0.00E+00	3.08E-01	2.89E+01	4.32E+03	0.00E+00	8.29E-07	7.05E-06	3.36E-01	6.63E+03	1.14E+03	0.00E+00	4.32E+03	6.05E-05	4.32E+03	5.46E+03	1.14E+03	0.00E+00	0.00E+00	0.00E+00	1.31E+01
HW4E412FE	1.03E+00	2.01E+02	3.69E-01	2.00E+02	0.00E+00	0.00E+00	3.79E+02	5.28E-04	1.25E-01	2.01E+00	0.00E+00	8.80E+00	2.52E-08	6.03E-07	2.89E+02	5.55E+00	0.00E+00	0.00E+00	3.61E-01	3.39E+01	5.07E+03	0.00E+00	9.73E-07	8.28E-06	3.94E-01	7.78E+03	1.34E+03	0.00E+00	5.07E+03	7.10E-05	5.07E+03	6.41E+03	1.34E+03	0.00E+00	0.00E+00	0.00E+00	1.54E+01
HW4E316DB	2.15E+00	4.20E+02	7.73E-01	4.19E+02	0.00E+00	0.00E+00	7.94E+02	1.11E-03	2.62E-01	4.21E+00	0.00E+00	1.84E+01	5.28E-08	1.26E-06	6.04E+02	1.16E+01	0.00E+00	0.00E+00	7.56E-01	7.10E+01	1.06E+04	0.00E+00	2.04E-06	1.73E-05	8.25E-01	1.63E+02	2.81E+03	0.00E+00	1.06E+04	1.49E-04	1.06E+04	1.34E+04	2.81E+03	0.00E+00	0.00E+00	0.00E+00	3.22E+01
HW4E316DE	2.31E+00	4.50E+02	8.28E-01	4.49E+02	0.00E+00	0.00E+00	8.50E+02	1.18E-03	2.81E-01	4.51E+00	0.00E+00	1.97E+01	5.66E-08	1.35E-06	6.47E+02	1.24E+01	0.00E+00	0.00E+00	8.10E-01	7.60E+01	1.14E+04	0.00E+00	2.18E-06	1.86E-05	8.84E-01	1.74E+02	3.01E+03	0.00E+00	1.14E+04	1.59E-04	1.14E+04	1.44E+04	3.01E+03	0.00E+00	0.00E+00	0.00E+00	3.45E+01
HW4E316FB	1.44E+00	2.81E+02	5.18E-01	2.81E+02	0.00E+00	0.00E+00	5.31E+02	7.41E-04	1.76E-01	2.82E+00	0.00E+00	1.23E+01	3.54E-08	8.45E-07	4.04E+02	7.78E+00	0.00E+00	0.00E+00	5.06E-01	4.75E+01	7.10E+03	0.00E+00	1.36E-06	1.16E-05	5.52E-01	1.09E+02	1.88E+03	0.00E+00	7.10E+03	9.95E-05	7.10E+03	8.98E+03	1.88E+03	0.00E+00	0.00E+00	0.00E+00	2.15E+01
HW4E316FE	1.56E+00	3.11E+02	5.72E-01	3.10E+02	0.00E+00	0.00E+00	5.87E+02	8.19E-04	1.94E-01	3.12E+00	0.00E+00	1.36E+01	3.91E-08	9.34E-07	4.47E+02	8.60E+00	0.00E+00	0.00E+00	5.60E-01	5.25E+01	7.85E+03	0.00E+00	1.51E-06	1.28E-05	6.11E-01	1.20E+02	2.08E+03	0.00E+00	7.85E+03	1.10E-04	7.85E+03	9.93E+03	2.08E+03	0.00E+00	0.00E+00	0.00E+00	2.38E+01
HW4E310DB	8.62E-01	1.68E+02	3.10E-01	1.68E+02	0.00E+00	0.00E+00	3.18E+02	4.43E-04	1.05E-01	1.68E+00	0.00E+00	7.38E+00	2.12E-08	5.05E-07	2.42E+02	4.66E+00	0.00E+00	0.00E+00	3.03E-01	2.84E+01	4.25E+03	0.00E+00	8.15E-07	6.94E-06	3.31E-01	6.52E+03	1.12E+03	0.00E+00	4.25E+03	5.95E-05	4.25E+03	5.37E+03	1.12E+03	0.00E+00	0.00E+00	0.00E+00	1.29E+01
HW4E310FE	7.06E-01	1.38E+02	2.53E-01	1.37E+02	0.00E+00	0.00E+00	2.60E+02	3.63E-04	8.59E-02	1.38E+00	0.00E+00	6.04E+00	1.73E-08	4.14E-07	1.98E+02	3.81E+00	0.00E+00	0.00E+00	2.48E-01	2.33E+01	3.48E+03	0.00E+00	6.67E-07	5.68E-06	2.70E-01	5.34E+03	9.20E+02	0.00E+00	3.48E+03	4.87E-05	3.48E+03	4.40E+03	9.20E+02	0.00E+00	0.00E+00	0.00E+00	1.05E+01
HW4E310DE	1.01E+00	1.98E+02	3.64E-01	1.98E+02	0.00E+00	0.00E+00	3.74E+02	5.21E

End Of Life C1-C4	HWY169H	1.36E+00	2.66E+02	4.90E-01	2.66E+02	0.00E+00	0.00E+00	5.03E+02	7.00E-04	1.66E-01	2.67E+00	0.00E+00	1.17E+01	3.35E-08	7.99E-07	3.82E+02	7.36E+00	0.00E+00	0.00E+00	4.79E-01	4.49E+01	6.72E+03	0.00E+00	1.29E-06	1.10E-05	5.23E-01	1.03E+02	1.78E+03	0.00E+00	6.72E+03	9.41E-05	6.72E+03	8.49E+03	1.78E+03	0.00E+00	0.00E+00	0.00E+00	2.04E+01
	HWY040HSA	1.35E+00	2.46E+02	4.53E-01	2.45E+02	0.00E+00	0.00E+00	4.65E+02	6.47E-04	1.53E-01	2.47E+00	0.00E+00	1.08E+01	3.09E-08	7.39E-07	3.54E+02	6.81E+00	0.00E+00	0.00E+00	4.43E-01	4.15E+01	6.21E+03	0.00E+00	1.19E-06	1.01E-05	4.83E-01	9.53E+03	1.64E+03	0.00E+00	6.21E+03	8.70E-05	6.21E+03	7.85E+03	1.64E+03	0.00E+00	0.00E+00	0.00E+00	1.88E+01
	HWY041HSA	1.35E+00	2.46E+02	4.53E-01	2.45E+02	0.00E+00	0.00E+00	4.65E+02	6.47E-04	1.53E-01	2.47E+00	0.00E+00	1.08E+01	3.09E-08	7.39E-07	3.54E+02	6.81E+00	0.00E+00	0.00E+00	4.43E-01	4.15E+01	6.21E+03	0.00E+00	1.19E-06	1.01E-05	4.83E-01	9.53E+03	1.64E+03	0.00E+00	6.21E+03	8.70E-05	6.21E+03	7.85E+03	1.64E+03	0.00E+00	0.00E+00	0.00E+00	1.88E+01
	HWY044HSA	1.44E+00	2.61E+02	4.81E-01	2.61E+02	0.00E+00	0.00E+00	4.93E+02	6.88E-04	1.63E-01	2.62E+00	0.00E+00	1.14E+01	3.28E-08	7.85E-07	3.76E+02	7.23E+00	0.00E+00	0.00E+00	4.70E-01	4.41E+01	6.59E+03	0.00E+00	1.27E-06	1.08E-05	5.13E-01	1.01E+02	1.75E+03	0.00E+00	6.59E+03	9.24E-05	6.59E+03	8.34E+03	1.75E+03	0.00E+00	0.00E+00	0.00E+00	2.00E+01
	HWY045HSA	1.44E+00	2.61E+02	4.81E-01	2.61E+02	0.00E+00	0.00E+00	4.93E+02	6.88E-04	1.63E-01	2.62E+00	0.00E+00	1.14E+01	3.28E-08	7.85E-07	3.76E+02	7.23E+00	0.00E+00	0.00E+00	4.70E-01	4.41E+01	6.59E+03	0.00E+00	1.27E-06	1.08E-05	5.13E-01	1.01E+02	1.75E+03	0.00E+00	6.59E+03	9.24E-05	6.59E+03	8.34E+03	1.75E+03	0.00E+00	0.00E+00	0.00E+00	2.00E+01
	HWY046HSA	2.12E+00	3.86E+02	7.11E-01	3.86E+02	0.00E+00	0.00E+00	7.30E+02	1.02E-03	2.41E-01	3.87E+00	0.00E+00	1.69E+01	4.86E-08	1.16E-06	5.55E+02	1.07E+01	0.00E+00	0.00E+00	6.95E-01	6.52E+01	9.75E+03	0.00E+00	1.87E-06	1.59E-05	7.58E-01	1.50E+02	2.58E+03	0.00E+00	9.75E+03	1.37E-04	9.75E+03	1.23E+04	2.58E+03	0.00E+00	0.00E+00	0.00E+00	2.96E+01
	HWY047HSA	2.12E+00	3.86E+02	7.11E-01	3.86E+02	0.00E+00	0.00E+00	7.30E+02	1.02E-03	2.41E-01	3.87E+00	0.00E+00	1.69E+01	4.86E-08	1.16E-06	5.55E+02	1.07E+01	0.00E+00	0.00E+00	6.95E-01	6.52E+01	9.75E+03	0.00E+00	1.87E-06	1.59E-05	7.58E-01	1.50E+02	2.58E+03	0.00E+00	9.75E+03	1.37E-04	9.75E+03	1.23E+04	2.58E+03	0.00E+00	0.00E+00	0.00E+00	2.96E+01
	HWY048HSA	1.04E+00	1.89E+02	3.48E-01	1.89E+02	0.00E+00	0.00E+00	3.57E+02	4.97E-04	1.18E-01	1.89E+00	0.00E+00	8.28E+00	2.38E-08	5.68E-07	2.72E+02	5.23E+00	0.00E+00	0.00E+00	3.40E-01	3.19E+01	4.77E+03	0.00E+00	9.16E-07	7.79E-06	3.71E-01	7.32E+03	1.26E+03	0.00E+00	4.77E+03	6.68E-05	4.77E+03	6.03E+03	1.26E+03	0.00E+00	0.00E+00	0.00E+00	1.45E+01
	HWY049HSA	1.04E+00	1.89E+02	3.48E-01	1.89E+02	0.00E+00	0.00E+00	3.57E+02	4.97E-04	1.18E-01	1.89E+00	0.00E+00	8.28E+00	2.38E-08	5.68E-07	2.72E+02	5.23E+00	0.00E+00	0.00E+00	3.40E-01	3.19E+01	4.77E+03	0.00E+00	9.16E-07	7.79E-06	3.71E-01	7.32E+03	1.26E+03	0.00E+00	4.77E+03	6.68E-05	4.77E+03	6.03E+03	1.26E+03	0.00E+00	0.00E+00	0.00E+00	1.45E+01
	HWY058HSA	1.08E+00	2.07E+02	4.58E+00	2.03E+02	0.00E+00	0.00E+00	3.11E+02	4.96E-04	1.27E-01	2.03E+00	0.00E+00	5.72E+00	2.56E-08	6.07E-07	2.71E+02	5.49E+00	0.00E+00	0.00E+00	3.67E-01	3.12E+01	4.97E+03	0.00E+00	8.87E-07	8.49E-06	4.02E-01	7.36E+03	1.16E+03	0.00E+00	4.97E+03	6.72E-05	4.97E+03	6.13E+03	1.16E+03	0.00E+00	0.00E+00	0.00E+00	1.57E+01
	HWY059HSA	1.08E+00	2.07E+02	4.58E+00	2.03E+02	0.00E+00	0.00E+00	3.11E+02	4.96E-04	1.27E-01	2.03E+00	0.00E+00	5.72E+00	2.56E-08	6.07E-07	2.71E+02	5.49E+00	0.00E+00	0.00E+00	3.67E-01	3.12E+01	4.97E+03	0.00E+00	8.87E-07	8.49E-06	4.02E-01	7.36E+03	1.16E+03	0.00E+00	4.97E+03	6.72E-05	4.97E+03	6.13E+03	1.16E+03	0.00E+00	0.00E+00	0.00E+00	1.57E+01
	HWY068HSA	8.84E-01	1.69E+02	3.73E+00	1.65E+02	0.00E+00	0.00E+00	2.53E+02	4.05E-04	1.03E-01	1.66E+00	0.00E+00	4.66E+00	2.09E-08	4.95E-07	2.21E+02	4.48E+00	0.00E+00	0.00E+00	2.99E-01	2.55E+01	4.05E+03	0.00E+00	7.23E-07	6.92E-06	3.28E-01	6.00E+03	9.48E+02	0.00E+00	4.05E+03	5.48E-05	4.05E+03	5.00E+03	9.48E+02	0.00E+00	0.00E+00	0.00E+00	1.28E+01
	HWY069HSA	8.84E-01	1.69E+02	3.73E+00	1.65E+02	0.00E+00	0.00E+00	2.53E+02	4.05E-04	1.03E-01	1.66E+00	0.00E+00	4.66E+00	2.09E-08	4.95E-07	2.21E+02	4.48E+00	0.00E+00	0.00E+00	2.99E-01	2.55E+01	4.05E+03	0.00E+00	7.23E-07	6.92E-06	3.28E-01	6.00E+03	9.48E+02	0.00E+00	4.05E+03	5.48E-05	4.05E+03	5.00E+03	9.48E+02	0.00E+00	0.00E+00	0.00E+00	1.28E+01
	HWY158HSA	8.84E-01	1.69E+02	3.73E+00	1.65E+02	0.00E+00	0.00E+00	2.53E+02	4.05E-04	1.03E-01	1.66E+00	0.00E+00	4.66E+00	2.09E-08	4.95E-07	2.21E+02	4.48E+00	0.00E+00	0.00E+00	2.99E-01	2.55E+01	4.05E+03	0.00E+00	7.23E-07	6.92E-06	3.28E-01	6.00E+03	9.48E+02	0.00E+00	4.05E+03	5.48E-05	4.05E+03	5.00E+03	9.48E+02	0.00E+00	0.00E+00	0.00E+00	1.28E+01
	HWY159HSA	8.84E-01	1.69E+02	3.73E+00	1.65E+02	0.00E+00	0.00E+00	2.53E+02	4.05E-04	1.03E-01	1.66E+00	0.00E+00	4.66E+00	2.09E-08	4.95E-07	2.21E+02	4.48E+00	0.00E+00	0.00E+00	2.99E-01	2.55E+01	4.05E+03	0.00E+00	7.23E-07	6.92E-06	3.28E-01	6.00E+03	9.48E+02	0.00E+00	4.05E+03	5.48E-05	4.05E+03	5.00E+03	9.48E+02	0.00E+00	0.00E+00	0.00E+00	1.28E+01
	HWY160HSA	8.84E-01	1.69E+02	3.73E+00	1.65E+02	0.00E+00	0.00E+00	2.53E+02	4.05E-04	1.03E-01	1.66E+00	0.00E+00	4.66E+00	2.09E-08	4.95E-07	2.21E+02	4.48E+00	0.00E+00	0.00E+00	2.99E-01	2.55E+01	4.05E+03	0.00E+00	7.23E-07	6.92E-06	3.28E-01	6.00E+03	9.48E+02	0.00E+00	4.05E+03	5.48E-05	4.05E+03	5.00E+03	9.48E+02	0.00E+00	0.00E+00	0.00E+00	1.28E+01
	HWY161HSA	8.84E-01	1.69E+02	3.73E+00	1.65E+02	0.00E+00	0.00E+00	2.53E+02	4.05E-04	1.03E-01	1.66E+00	0.00E+00	4.66E+00	2.09E-08	4.95E-07	2.21E+02	4.48E+00	0.00E+00	0.00E+00	2.99E-01	2.55E+01	4.05E+03	0.00E+00	7.23E-07	6.92E-06	3.28E-01	6.00E+03	9.48E+02	0.00E+00	4.05E+03	5.48E-05	4.05E+03	5.00E+03	9.48E+02	0.00E+00	0.00E+00	0.00E+00	1.28E+01
	HWY168HSA	1.60E+00	3.05E+02	6.74E+00	2.98E+02	0.00E+00	0.00E+00	4.57E+02	7.31E-04	1.87E-01	3.00E+00	0.00E+00	8.42E+00	3.77E-08	8.94E-07	3.99E+02	8.09E+00	0.00E+00	0.00E+00	5.41E-01	4.60E+01	7.32E+03	0.00E+00	1.31E-06	1.25E-05	5.93E-01	1.08E+02	1.71E+03	0.00E+00	7.32E+03	9.89E-05	7.32E+03	9.03E+03	1.71E+03	0.00E+00	0.00E+00	0.00E+00	2.31E+01
	HWY169HSA	1.60E+00	3.05E+02	6.74E+00	2.98E+02	0.00E+00	0.00E+00	4.57E+02	7.31E-04	1.87E-01	3.00E+00	0.00E+00	8.42E+00	3.77E-08	8.94E-07	3.99E+02	8.09E+00	0.00E+00	0.00E+00	5.41E-01	4.60E+01	7.32E+03	0.00E+00	1.31E-06	1.25E-05	5.93E-01	1.08E+02	1.71E+03	0.00E+00	7.32E+03	9.89E-05	7.32E+03	9.03E+03	1.71E+03	0.00E+00	0.00E+00	0.00E+00	2.31E+01
	HWY140HSA	1.35E+00	2.46E+02	4.53E-01	2.45E+02	0.00E+00	0.00E+00	4.65E+02	6.47E-04	1.53E-01	2.47E+00	0.00E+00	1.08E+01	3.09E-08	7.39E-07	3.54E+02	6.81E+00	0.00E+00	0.00E+00	4.43E-01	4.15E+01	6.21E+03	0.00E+00	1.19E-06	1.01E-05	4.83E-01	9.53E+03	1.64E+03	0.00E+00	6.21E+03	8.70E-05	6.21E+03	7.85E+03	1.64E+03	0.00E+00	0.00E+00	0.00E+00	1.88E+01
	HWY141HSA	1.35E+00	2.46E+02	4.53E-01	2.45E+02	0.00E+00	0.00E+00	4.65E+02	6.47E-04	1.53E-01	2.47E+00	0.00E+00	1.08E+01	3.09E-08	7.39E-07	3.54E+02	6.81E+00	0.00E+00	0.00E+00	4.43E-01	4.15E+01	6.21E+03	0.00E+00	1.19E-06	1.01E-05	4.83E-01	9.53E+03	1.64E+03	0.00E+00	6.21E+03	8.70E-05	6.21E+03	7.85E+03	1.64E+03	0.00E+00	0.00E+00	0.00E+00	1.88E+01
	HWY144HSA	1.44E+00	2.61E+02	4.81E-01	2.61E+02	0.00E+00	0.00E+00	4.93E+02	6.88E-04	1.63E-01	2.62E+00	0.00E+00	1.14E+01	3.28E-08	7.85E-07	3.76E+02	7.23E+00	0.00E+00	0.00E+00	4.70E-01	4.41E+01	6.59E+03	0.00E+00	1.27E-06	1.08E-05	5.13E-01	1.01E+02	1.75E+03	0.00E+00	6.59E+03	9.24E-05	6.59E+03	8.34E+03	1.75E+03	0.00E+00	0.00E+00	0.00E+00	2.00E+01
	HWY145HSA	1.44E+00	2.61E+02	4.81E-01	2.61E+02	0.00E+00	0.00E+00	4.93E+02	6.88E-04	1.63E-01	2.62E+00	0.00E+00	1.14E+01	3.28E-08	7.85E-07	3.76E+02	7.23E+00	0.00E+00	0.00E+00	4.70E-01	4.41E+01	6.59E+03	0.00E+00	1.27E-06	1.08E-05	5.13E-01	1.01E+02	1.75E+03	0.00E+00	6.59E+03	9.24E-05	6.59E+03	8.34E+03	1.75E+03	0.00E+00	0.00E+00	0.00E+00	2.00E+01
	HWY150HSA	1.04E+00	1.89E+02	3.48E-01	1.89E+02	0.00E+00	0.00E+00	3.57E+02	4.97E-04	1.18E-01	1.89E+00	0.00E+00	8.28E+00	2.38E-08	5.68E-07	2.72E+02	5.23E+00	0.00E+00	0.00E+00	3.40E-01	3.19E+01	4.77E+03	0.00E+00	9.16E-07	7.79E-06	3.71E-01	7.32E+03	1.26E+03	0.00E+00	4.77E+03	6.68E-05	4.77E+03	6.03E+03	1.26E+03	0.00E+00	0.00E+00	0.00E+00	1.45E+01
	HWY151HSA	1.04E+00	1.89E+02	3.48E-01	1.89E+02	0.00E+00	0.00E+00	3.57E+02	4.97E-04	1.18E-01	1.89E+00	0.00E+00	8.28E+00	2.38E-08	5.68E-07	2.72E+02	5.23E+00	0.00E+00	0.00E+00	3.40E-01	3.19E+01	4.77E+03	0.00E+00	9.16E-07	7.79E-06	3.71E-01	7.32E+03	1.26E+03	0.00E+00	4.77E+03	6.68E-05	4.77E+03	6.03E+03	1.26E+03	0.00E+00	0.00E+00	0.00E+00	1.45E+01
	HWY162H	6.88E-01	1.31E+02	2.90E+00	1.29E+02	0.00E+00	0.00E+00	1.97E+02	3.15E-04	8.05E-02	1.29E+00	0.00E+00	3.63E+00	1.63E-08	3.85E-07	1.72E+02	3.49E+00	0.00E+00	0.00E+00	2.33E-01	1.98E+01	3.15E+03	0.00E+00	5.63E-07	5.39E-06	2.55E-01	4.67E+03	7.38E+02	0.00E+00	3.15E+03	4.26E-05	3.15E+03	3.89E+03	7.38E+02	0.00E+00	0.00E+00	0.00E+00	9.97E+00
	HWY162HSA	6.88E-01	1.31E+02	2.90E+00	1.29E+02	0.00E+00	0.00E+00	1.97E+02	3.15E-04	8.05E-02	1.29E+00	0.00E+00	3.63E+00	1.63E-08	3.85E-07	1.72E+02	3.49E+00	0.00E+00	0.00E+00	2.33E-01	1.98E+01	3.15E+03	0.00E+00	5.63E-07	5.39E-06	2.55E-01	4.67E+03	7.38E+02	0.00E+00	3.15E+03	4.26E-05	3.15E+03	3.89E+03	7.38E+02	0.00E+00	0.00E+00	0.00E+00	9.97E+00
	HWY163H	6.88E-01	1.31E+02	2.90E+00	1.29E+02	0.00E+00	0.00E+00	1.97E+02	3.15E-04	8.05E-02	1.29E+00	0.00E+00	3.63E+00	1.63E-08	3.85E-07	1.72E+02	3.49E+00	0.00E+00	0.00E+00	2.33E-01	1.98E+01	3.15E+03	0.00E+00	5.63E-07	5.39E-06	2.55E-01	4.67E+03	7.38E+02	0.00E+00	3.15E+03	4.26E-05	3.15E+03	3.89E+03	7.38E+02	0.00E+00	0.00E+00	0.00E+00	9.97E+00
	HWY163HSA	6.88E-01	1.31E+02	2.90E+00	1.29E+02	0.00E+00	0.00E+00	1.97E+02	3.15E-04	8.05E-02	1.29E+00	0.00E+00	3.63E+00	1.63E-08	3.85E-07	1.72E+02	3.49E+00	0.00E+00	0.00E+00	2.33E-01	1.98E+01	3.15E+03	0.00E+00	5.63E-07	5.39E-06	2.55E-01	4.67E+03	7.38E+02	0.00E+00	3.15E+03	4.26E-05	3.15E+03	3.89E+03	7.38E+02	0.00E+00	0.00E+00	0.00E+00	9.97E+00
	HW1M312DB	7.05E-01	3.75E+01	1.08E+01	2.67E+01	0.00E+00	0.00E+00	2.35E+02	4.31E-04	3.04E-01	2.64E-01	0.00E+00	-1.17E+00	5.53E-08	3.34E-06	1.22E+00	8.35E+01	1.75E+04	0.00E+00	2.03E+02	1.56E+01	2.81E+02	0.00E+00	2.20E-06	1.28E-06	8.78E-02	3.81E-04	3.42E+01	0.00E+00	2.81E+02	-1.02E-04	2.81E+02	3.15E+02	3.42E+01	0.00E+00	0.00E+00	0.00E+00	7.52E+03
	HF1E316DCGH-MTS	6.08E-01	4.25E+01	1.12E+01	3.13E+01	0.00E+00	0.00E+00	3.00E+02	5.36E-04	4.14E-01	3.14E-01	0.00E+00	-1.16E+00	1.32E-07	4.51E-06	1.49E+00	1.09E+02	2.08E+04	0.00E+00	2.60E+02	1.58E+01	3.47E+02	0.00E+00	2.71E-06	1.63E-06	1.09E-01	3.86E-04	4.41E+01	0.00E+00	3.47E+02	-1.00E-04	3.47E+02	3.91E+02	4.41E+01	0.00E+00	0.00E+00	0.00E+00	9.68E+03
	HF1E316DEGH-MTS	6.08E-01	4.29E+01	1.13E+01	3.16E+01	0.00E+00	0.00E+00	3.11E+02	5.41E-04	4.14E-01	3.14E-01	0.00E+00	-9.74E-01	2.36E-07	4.53E-06	1.49E+00	1.09E+02	2.10E+04	0.00E+00	2.60E+02	1.59E+01	3.48E+02	0.00E+00	2.72E-06	1.63E-06	1.09E-01	3.88E-04	4.41E+01	0.00E+00	3.48E+02	-9.97E-05	3.48E+02	3.92E+02	4.41E+01	0.00E+00	0.00E+00	0.00E+00	9.70E+03
	HF1E316FCGH-MTS	2.22E-01	1.98E+01	5.24E+00	1.45E+01	0.00E+00	0.00E+00	1.20E+02	2.12E-04	1.47E-01	1.41E-01	0.00E+00	-4.78E-01	9.77E-08	1.61E-06	6.22E-01	4.14E+01	1.42E+04	0.00E+00	9.93E+01	7.60E+00	1.47E+02	0.00E+00	1.16E-06	6.65E-07	4.58E-02	1.86E-04	1.68E+01	0.00E+00	1.47E+02	-4.39E-05	1.47E+02	1.63E+02	1.68E+01	0.00E+00	0.00E+00	0.00E+00	3.68E+03
	HF1E316FEGH-MTS	2.23E-01	2.01E+01	5.29E+00	1.48E+01	0.00E+00	0.00E+00	1.31E+02	2.17E-04	1.47E-01	1.41E-01	0.00E+00	-3.54E-01	2.00E-07	1.62E-06	6.26E-01	4.15E+01	1.44E+04	0.00E+00	9.98E+01	7.68E+00	1.48E+02	0.00E+00	1.17E-06	6.70E-07	4.60E-02	1.87E-04	1.69E+01	0.00E+00	1.48E+02	-4.35E-05	1.48E+02	1.65E+02	1.69E+01	0.00E+00	0.00E+00	0.00E+00	3.70E+03
	HF1E416DCGH-MTS	8.03E-01	5.28E+01	1.36E+01	3.92E+01	0.00E+00	0.00E+00	3.83E+02	6.87E-04	5.49E-01	3.99E-01	0.00E+00	-1.34E+00	1.48E-07	5.97E-06	1.90E+00	1.42E+02	2.14E+04	0.00E+00	3.36E+02	1.90E+01	4.45E+02	0.00E+00	3.48E-06	2.11E-06	1.40E-01	4.63E-04	5.72E+01	0.00E+00	4.45E+02	-1.18E-04	4.45E+02	5.02E+02	5.72E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+04
	HF1E416DEGH-MTS	8.03E-01	5.29E+01	1.36E+01	3.92E+01	0.00E+00	0.00E+00	3.86E+02	6.90E-04	5.49E-01	3.99E-01	0.00E+00	-1.30E+00	1.75E-07	5.97E-06	1.91E+00	1.42E+02	2.21E+04	0.00E+00	3.37E+02	1.90E+01	4.47E+02	0.00E+00	3.49E-06	2.12E-06	1.40E-01	4.63E-04	5.73E+01	0.00E+00	4.47E+02	-1.17E-04	4.47E+02	5.04E+02	5.73E+01	0.00E+00	0.00E+00	0.00E+00	1.26E+04
	HF1E416FCGH-MTS	2.93E-01	2.47E+01	6.45E+00	1.83E+01	0.00E+00	0.00E+00	1.54E+02	2.77E-04	1.94E-01	1.79E-01	0.00E+00	-6.04E-01	1.05E-07	2.12E-06	8.08E-01	5.43E+01	1.46E+04	0.00E+00	1.30E+02	9.28E+00	1.91E+02	0.00E+00	1.51E-06	8.70E-07	5.92E-02	2.26E-04	2.21E+01	0.00E+00	1.91E+02	-5.16E-05	1.91E+02	2.13E+02	2.21E+01	0.00E+00	0.00E+00	0.00E+00	4.83E+03
	HF1E416FEGH-MTS	2.94E-01	2.47E+01	6.46E+00	1.83E+01	0.00E+00	0.00E+00	1.57E+02	2.80E-04	1.94E-01	1.79E-01	0.00E+00	-5.72E-01	1.31E-07	2.13E-06	8.12E-01	5.45E+01	1.53E+04	0.00E+00	1.31E+02	9.29E+00	1.93E+02	0.00E+00	1.52E-06	8.75E-07	5.92E-02	2.27E-04	2.22E+01	0.00E+00	1.93E+02	-5.06E-05	1.93E+02	2.15E+02	2.22E+01	0.00E+00	0.00E+00	0.00E+00	4.85E+03
	HF1W316DSAH-MTS	6.00E-01	4.06E+01	1.07E+01	2.99E+01	0.00E+00	0.00E+00	2.88E+02	5.27E-04	4.09E-01	3.04E-01	0.00E+00	-1.13E+00	5.49E-08	4.46E-06	1.46E+00	1.07E+02	1.86E+04	0.00E+00	2.56E+02	1.50E+01	3.40E+02	0.00E+00	2.65E-06	1.60E-06	1.06E-01	3.66E-04	4.35E+01	0.00E+00	3.40E+02	-9.45E-05	3.40E+02	3.83E+02	4.35E+01	0.00E+00	0.00E+00	0.00E+00	9.54E+03
	HF1W316FSAH-MTS	2.15E-01	1.79E+01	4.72E+00	1.32E+01	0.00E+00	0.00E+00	1.08E+02	2.03E-04	1.42E-01	1.31E-01	0.00E+00	-5.12E-01	2.08E-08	1.55E-06	5.93E-01	3.99E+01	1.20E+04	0.00E+00	9.57E+01	6.77E+00	1.40E+02	0.00E+00	1.10E-06	6.35E-07	4.32E-02	1.65E-04	1.63E+01	0.00E+00	1.40E+02	-3.83E-05	1.40E+02	1.56E+02	1.63E+01	0.00E+00	0.00E+00	0.00E+00	3.55E+03
	HF1W416DSAH-MTS	7.93E-01	5.07E+01	1.30E+01	3.77E+01	0.00E+00	0.00E+00	3.71E+02	6.76E-04	5.44E-01	3.87E-01	0.00E+00	-1.38E+00	7.05E-08	5.90E-06	1.87E+00	1.40E+02	1.88E+04	0.00E+00	3.32E+02	1.79E+01	4.37E+02	0.00E+00	3.41E-06	2.07E-06	1.37E-01	4.38E-04	5.65E+01	0.00E+00	4.37E+02	-1.12E-04	4.37E+02	4.93E+02	5.65E+01	0.00E+00	0.00E+00	0.00E+00	1.24E+04
	HF1W412FSAF-MTS	4.38E-01	2.68E+01	6.16E+00	2.07E+01	0.00E+00	0.00E+00	2.01E+02	3.70E-04	2.99E-01	2.15E-01	0.00E+00	-6.25E-01	3.85E-08	3.23E-06	1.04E+00	7.76E+01	1.20E+04	0.00E+00	1.82E+02	8.27E+00	2.47E+02	0.00E+00	1.93E-06	1.17E-06	7.61E-02	2.02E-04	3.12E+01	0.00E+00	2.47E+02	-4.26E-05	2.47E+02	2.78E+02	3.12E+01	0.00E+00	0.00E+00	0.00E+00	6.78E+03
	HF1M412FCFF-MTS	4.47E-01	2.90E+01	6.81E+00	2.22E+01	0.00E+00	0.00E+00	2.13E+02	3.82E-04	3.04E-01	2.26E-01	0.00E+00	-6.04E-01	1.16E-07	3.30E-06	1.07E+00	7.94E+01	1.46E+04	0.00E+00	1.86E+02	9.28E+00	2.56E+02	0.00E+00	2.00E-06	1.21E-06	7.93E-02	2.27E-04	3.19E+01	0.00E+00	2.56E+02	-4.93E-05	2.56E+02	2.87E+02	3.19E+01	0.00E+00	0.00E+00	0.00E+00	6.94E+03
	HF1W416FSAF-MTS	4.38E-01	2.68E+01	6.16E+00	2.07E+01	0.00E+00	0.00E+00	2.01E+02	3.70E-04	2.99E-01	2.15E-01	0.00E+00	-6.25E-01	3.85E-08	3.23E-06	1.04E+00	7.76E+01	1.20E+04	0.00E+00	1.82E+02	8.27E+00	2.47E+02	0.00E+00	1.93E-06	1.17E-06	7.61E-02	2.02E-04	3.12E+01	0.00E+00	2.47E+02	-4.26E-05	2.47E+02	2.78E+02	3.12E+01	0.00E+00	0.00E+00	0.00E+00	6.78E+03
	HF1M416FCGF-MTS	4.47E-01	2.90E+01	6.81E+00	2.22E+01	0.00E+00	0.00E+00	2.13E+02	3.82E-04	3.04E-01	2.26E-01	0.00E+00	-6.04E-01	1.16E-07	3.30E-06	1.07E+00	7.94E+01	1.46E+04	0.00E+00	1.86E+02	9.28E+00	2.56E+02	0.00E+00	2.00E-06	1.21E-06	7.93E-02	2.27E-04	3.19E+01	0.00E+00	2.56E+02	-4.93E-05	2.56E+02	2.87E+02	3.19E+01	0.00E+00	0.00E+00	0.00E+00	6.94E+03
	HF1W416FSAH-MTS	2.84E-01	2.26E+01	5.81E+00	1.67E+01	0.00E+00	0.00E+00	1.41E+02	2.66E-04	1.89E-01	1.68E-01	0.00E+00	-6.25E-01	2.73E-08	2.06E-06	7.73E-01	5.25E+01	1.20E+04	0.00E+00	1.29E+02	8.27E+00	1.83E+02	0.00E+00	1.44E-06	8.33E-07	5.60E-02	2.02E-04	2.14E+01	0.00E+00	1.83E+02	-4.48E-

	HW1E416DB	6.59E-01	4.80E+01	1.32E+01	3.48E+01	0.00E+00	0.00E+00	3.21E+02	5.87E-04	4.47E-01	3.50E-01	0.00E+00	-1.41E+00	7.31E-08	4.87E-06	1.65E+00	1.18E+02	1.79E-04	0.00E+00	2.84E+02	1.88E+01	3.84E+02	0.00E+00	3.00E-06	1.79E-06	1.20E-01	4.59E-04	4.80E+01	0.00E+00	3.84E+02	-1.20E-04	3.84E+02	4.32E+02	4.80E+01	0.00E+00	0.00E+00	0.00E+00	1.06E+04
	HW1E416DE	6.59E-01	4.80E+01	1.31E+01	3.48E+01	0.00E+00	0.00E+00	3.23E+02	5.89E-04	4.47E-01	3.51E-01	0.00E+00	-1.38E+00	8.38E-08	4.87E-06	1.66E+00	1.19E+02	1.82E-04	0.00E+00	2.84E+02	1.87E+01	3.85E+02	0.00E+00	3.01E-06	1.79E-06	1.20E-01	4.55E-04	4.81E+01	0.00E+00	3.85E+02	-1.18E-04	3.85E+02	4.33E+02	4.81E+01	0.00E+00	0.00E+00	0.00E+00	1.05E+04
	HW1E416FB	1.01E-01	1.86E+01	5.98E+00	1.26E+01	0.00E+00	0.00E+00	7.38E+01	1.46E-04	5.78E-02	1.16E-01	0.00E+00	-6.82E-01	2.64E-08	6.60E-07	4.73E-01	2.30E+01	1.14E-04	0.00E+00	6.04E+01	9.22E+00	1.10E+02	0.00E+00	8.71E-07	4.43E-07	3.30E-02	2.25E-04	9.91E+00	0.00E+00	1.10E+02	-5.44E-05	1.10E+02	1.20E+02	9.91E+00	0.00E+00	0.00E+00	0.00E+00	2.20E+03
	HW1E416FE	1.50E-01	1.99E+01	6.01E+00	1.39E+01	0.00E+00	0.00E+00	9.25E+01	1.78E-04	9.21E-02	1.31E-01	0.00E+00	-6.60E-01	3.94E-08	1.03E-06	5.54E-01	3.08E+01	1.14E-04	0.00E+00	7.77E+01	9.10E+00	1.30E+02	0.00E+00	1.03E-06	5.50E-07	3.95E-02	2.22E-04	1.29E+01	0.00E+00	1.30E+02	-5.22E-05	1.30E+02	1.43E+02	1.29E+01	0.00E+00	0.00E+00	0.00E+00	2.85E+03
	HW1M304DB	5.00E-01	3.86E+01	1.08E+01	2.78E+01	0.00E+00	0.00E+00	2.52E+02	4.62E-04	3.37E-01	2.77E-01	0.00E+00	-1.16E+00	5.86E-08	3.69E-06	1.30E+00	9.11E+01	1.75E-04	0.00E+00	2.20E+02	1.55E+01	3.01E+02	0.00E+00	2.36E-06	1.39E-06	9.37E-02	3.79E-04	3.72E+01	0.00E+00	3.01E+02	-9.98E-05	3.01E+02	3.38E+02	3.72E+01	0.00E+00	0.00E+00	0.00E+00	8.17E+03
	HW1M304DE	5.00E-01	3.91E+01	1.09E+01	2.82E+01	0.00E+00	0.00E+00	2.62E+02	4.65E-04	3.37E-01	2.78E-01	0.00E+00	-1.06E+00	1.47E-07	3.70E-06	1.31E+00	9.11E+01	1.75E-04	0.00E+00	2.20E+02	1.57E+01	3.02E+02	0.00E+00	2.36E-06	1.39E-06	9.39E-02	3.82E-04	3.72E+01	0.00E+00	3.02E+02	-1.00E-04	3.02E+02	3.39E+02	3.72E+01	0.00E+00	0.00E+00	0.00E+00	8.17E+03
	HW1M304FB	8.18E-02	1.51E+01	4.79E+00	1.04E+01	0.00E+00	0.00E+00	6.23E+01	1.22E-04	4.65E-02	9.47E-02	0.00E+00	-5.43E-01	2.32E-08	5.36E-07	3.92E-01	1.89E+01	1.09E-04	0.00E+00	5.02E+01	7.37E+00	9.00E+01	0.00E+00	7.14E-07	3.61E-07	2.69E-02	1.79E-04	8.24E+00	0.00E+00	9.00E+01	-4.35E-05	9.00E+01	9.83E+01	8.24E+00	0.00E+00	0.00E+00	0.00E+00	1.82E+03
	HW1M304FE	1.14E-01	1.64E+01	4.97E+00	1.14E+01	0.00E+00	0.00E+00	8.02E+01	1.40E-04	7.02E-02	1.04E-01	0.00E+00	-4.48E-01	1.12E-07	7.93E-07	4.31E-01	2.37E+01	1.09E-04	0.00E+00	6.00E+01	7.57E+00	1.01E+02	0.00E+00	7.98E-07	4.25E-07	3.10E-02	1.84E-04	9.94E+00	0.00E+00	1.01E+02	-4.51E-05	1.01E+02	1.11E+02	9.94E+00	0.00E+00	0.00E+00	0.00E+00	2.20E+03
	HW1M306DB	5.00E-01	3.86E+01	1.08E+01	2.78E+01	0.00E+00	0.00E+00	2.52E+02	4.62E-04	3.37E-01	2.77E-01	0.00E+00	-1.16E+00	5.86E-08	3.69E-06	1.30E+00	9.11E+01	1.75E-04	0.00E+00	2.20E+02	1.55E+01	3.01E+02	0.00E+00	2.36E-06	1.39E-06	9.37E-02	3.79E-04	3.72E+01	0.00E+00	3.01E+02	-9.98E-05	3.01E+02	3.38E+02	3.72E+01	0.00E+00	0.00E+00	0.00E+00	8.17E+03
	HW1M306DE	5.00E-01	3.91E+01	1.09E+01	2.82E+01	0.00E+00	0.00E+00	2.62E+02	4.65E-04	3.37E-01	2.78E-01	0.00E+00	-1.06E+00	1.47E-07	3.70E-06	1.31E+00	9.11E+01	1.75E-04	0.00E+00	2.20E+02	1.57E+01	3.02E+02	0.00E+00	2.36E-06	1.39E-06	9.39E-02	3.82E-04	3.72E+01	0.00E+00	3.02E+02	-1.00E-04	3.02E+02	3.39E+02	3.72E+01	0.00E+00	0.00E+00	0.00E+00	8.17E+03
	HW1M306FB	8.18E-02	1.51E+01	4.79E+00	1.04E+01	0.00E+00	0.00E+00	6.23E+01	1.22E-04	4.65E-02	9.47E-02	0.00E+00	-5.43E-01	2.32E-08	5.36E-07	3.92E-01	1.89E+01	1.09E-04	0.00E+00	5.02E+01	7.37E+00	9.00E+01	0.00E+00	7.14E-07	3.61E-07	2.69E-02	1.79E-04	8.24E+00	0.00E+00	9.00E+01	-4.35E-05	9.00E+01	9.83E+01	8.24E+00	0.00E+00	0.00E+00	0.00E+00	1.82E+03
	HW1M306FE	1.14E-01	1.64E+01	4.97E+00	1.14E+01	0.00E+00	0.00E+00	8.02E+01	1.40E-04	7.02E-02	1.04E-01	0.00E+00	-4.48E-01	1.12E-07	7.93E-07	4.31E-01	2.37E+01	1.09E-04	0.00E+00	6.00E+01	7.57E+00	1.01E+02	0.00E+00	7.98E-07	4.25E-07	3.10E-02	1.84E-04	9.94E+00	0.00E+00	1.01E+02	-4.51E-05	1.01E+02	1.11E+02	9.94E+00	0.00E+00	0.00E+00	0.00E+00	2.20E+03
	HW1M308DB	5.00E-01	3.86E+01	1.08E+01	2.78E+01	0.00E+00	0.00E+00	2.52E+02	4.62E-04	3.37E-01	2.77E-01	0.00E+00	-1.16E+00	5.86E-08	3.69E-06	1.30E+00	9.11E+01	1.75E-04	0.00E+00	2.20E+02	1.55E+01	3.01E+02	0.00E+00	2.36E-06	1.39E-06	9.37E-02	3.79E-04	3.72E+01	0.00E+00	3.01E+02	-9.98E-05	3.01E+02	3.38E+02	3.72E+01	0.00E+00	0.00E+00	0.00E+00	8.17E+03
	HW1M308DE	5.00E-01	3.91E+01	1.09E+01	2.82E+01	0.00E+00	0.00E+00	2.62E+02	4.65E-04	3.37E-01	2.78E-01	0.00E+00	-1.06E+00	1.47E-07	3.70E-06	1.31E+00	9.11E+01	1.75E-04	0.00E+00	2.20E+02	1.57E+01	3.02E+02	0.00E+00	2.36E-06	1.39E-06	9.39E-02	3.82E-04	3.72E+01	0.00E+00	3.02E+02	-1.00E-04	3.02E+02	3.39E+02	3.72E+01	0.00E+00	0.00E+00	0.00E+00	8.17E+03
	HW1M308FB	8.18E-02	1.51E+01	4.79E+00	1.04E+01	0.00E+00	0.00E+00	6.23E+01	1.22E-04	4.65E-02	9.47E-02	0.00E+00	-5.43E-01	2.32E-08	5.36E-07	3.92E-01	1.89E+01	1.09E-04	0.00E+00	5.02E+01	7.37E+00	9.00E+01	0.00E+00	7.14E-07	3.61E-07	2.69E-02	1.79E-04	8.24E+00	0.00E+00	9.00E+01	-4.35E-05	9.00E+01	9.83E+01	8.24E+00	0.00E+00	0.00E+00	0.00E+00	1.82E+03
	HW1M308FE	1.14E-01	1.64E+01	4.97E+00	1.14E+01	0.00E+00	0.00E+00	8.02E+01	1.40E-04	7.02E-02	1.04E-01	0.00E+00	-4.48E-01	1.12E-07	7.93E-07	4.31E-01	2.37E+01	1.09E-04	0.00E+00	6.00E+01	7.57E+00	1.01E+02	0.00E+00	7.98E-07	4.25E-07	3.10E-02	1.84E-04	9.94E+00	0.00E+00	1.01E+02	-4.51E-05	1.01E+02	1.11E+02	9.94E+00	0.00E+00	0.00E+00	0.00E+00	2.20E+03
	HW1M310DB	5.00E-01	3.86E+01	1.08E+01	2.78E+01	0.00E+00	0.00E+00	2.52E+02	4.62E-04	3.37E-01	2.77E-01	0.00E+00	-1.16E+00	5.86E-08	3.69E-06	1.30E+00	9.11E+01	1.75E-04	0.00E+00	2.20E+02	1.55E+01	3.01E+02	0.00E+00	2.36E-06	1.39E-06	9.37E-02	3.79E-04	3.72E+01	0.00E+00	3.01E+02	-9.98E-05	3.01E+02	3.38E+02	3.72E+01	0.00E+00	0.00E+00	0.00E+00	8.17E+03
	HW1M310DE	5.00E-01	3.91E+01	1.09E+01	2.82E+01	0.00E+00	0.00E+00	2.62E+02	4.65E-04	3.37E-01	2.78E-01	0.00E+00	-1.06E+00	1.47E-07	3.70E-06	1.31E+00	9.11E+01	1.75E-04	0.00E+00	2.20E+02	1.57E+01	3.02E+02	0.00E+00	2.36E-06	1.39E-06	9.39E-02	3.82E-04	3.72E+01	0.00E+00	3.02E+02	-1.00E-04	3.02E+02	3.39E+02	3.72E+01	0.00E+00	0.00E+00	0.00E+00	8.17E+03
	HW1M310FB	8.18E-02	1.51E+01	4.79E+00	1.04E+01	0.00E+00	0.00E+00	6.23E+01	1.22E-04	4.65E-02	9.47E-02	0.00E+00	-5.43E-01	2.32E-08	5.36E-07	3.92E-01	1.89E+01	1.09E-04	0.00E+00	5.02E+01	7.37E+00	9.00E+01	0.00E+00	7.14E-07	3.61E-07	2.69E-02	1.79E-04	8.24E+00	0.00E+00	9.00E+01	-4.35E-05	9.00E+01	9.83E+01	8.24E+00	0.00E+00	0.00E+00	0.00E+00	1.82E+03
	HW1M310FE	6.91E-02	1.52E+01	4.80E+00	1.04E+01	0.00E+00	0.00E+00	6.55E+01	1.13E-04	3.77E-02	9.13E-02	0.00E+00	-4.38E-01	1.09E-07	4.50E-07	3.63E-01	1.66E+01	1.09E-04	0.00E+00	4.48E+01	7.44E+00	8.31E+01	0.00E+00	6.61E-07	3.29E-07	2.53E-02	1.81E-04	7.29E+00	0.00E+00	8.31E+01	-4.51E-05	8.31E+01	9.04E+01	7.29E+00	0.00E+00	0.00E+00	0.00E+00	1.62E+03
	HW1M312DB	5.00E-01	3.86E+01	1.08E+01	2.78E+01	0.00E+00	0.00E+00	2.52E+02	4.62E-04	3.37E-01	2.77E-01	0.00E+00	-1.16E+00	5.86E-08	3.69E-06	1.30E+00	9.11E+01	1.75E-04	0.00E+00	2.20E+02	1.55E+01	3.01E+02	0.00E+00	2.36E-06	1.39E-06	9.37E-02	3.79E-04	3.72E+01	0.00E+00	3.01E+02	-9.98E-05	3.01E+02	3.38E+02	3.72E+01	0.00E+00	0.00E+00	0.00E+00	8.17E+03
	HW1M312DE	5.00E-01	3.91E+01	1.09E+01	2.82E+01	0.00E+00	0.00E+00	2.62E+02	4.65E-04	3.37E-01	2.78E-01	0.00E+00	-1.06E+00	1.47E-07	3.70E-06	1.31E+00	9.11E+01	1.75E-04	0.00E+00	2.20E+02	1.57E+01	3.02E+02	0.00E+00	2.36E-06	1.39E-06	9.39E-02	3.82E-04	3.72E+01	0.00E+00	3.02E+02	-1.00E-04	3.02E+02	3.39E+02	3.72E+01	0.00E+00	0.00E+00	0.00E+00	8.17E+03
	HW1M312FB	1.14E-01	1.60E+01	4.91E+00	1.11E+01	0.00E+00	0.00E+00	7.11E+01	1.37E-04	7.01E-02	1.03E-01	0.00E+00	-5.50E-01	2.50E-08	7.81E-07	4.30E-01	2.36E+01	1.09E-04	0.00E+00	5.98E+01	7.46E+00	1.00E+02	0.00E+00	7.94E-07	4.23E-07	3.06E-02	1.82E-04	9.92E+00	0.00E+00	1.00E+02	-4.45E-05	1.00E+02	1.10E+02	9.92E+00	0.00E+00	0.00E+00	0.00E+00	2.19E+03
	HW1M312FE	1.14E-01	1.64E+01	4.97E+00	1.14E+01	0.00E+00	0.00E+00	8.02E+01	1.40E-04	7.02E-02	1.04E-01	0.00E+00	-4.48E-01	1.12E-07	7.93E-07	4.31E-01	2.37E+01	1.09E-04	0.00E+00	6.00E+01	7.57E+00	1.01E+02	0.00E+00	7.98E-07	4.25E-07	3.10E-02	1.84E-04	9.94E+00	0.00E+00	1.01E+02	-4.51E-05	1.01E+02	1.11E+02	9.94E+00	0.00E+00	0.00E+00	0.00E+00	2.20E+03
	HW1M316DB	5.00E-01	3.86E+01	1.08E+01	2.78E+01	0.00E+00	0.00E+00	2.52E+02	4.62E-04	3.37E-01	2.77E-01	0.00E+00	-1.16E+00	5.86E-08	3.69E-06	1.30E+00	9.11E+01	1.75E-04	0.00E+00	2.20E+02	1.55E+01	3.01E+02	0.00E+00	2.36E-06	1.39E-06	9.37E-02	3.79E-04	3.72E+01	0.00E+00	3.01E+02	-9.98E-05	3.01E+02	3.38E+02	3.72E+01	0.00E+00	0.00E+00	0.00E+00	8.17E+03
	HW1M316DE	5.00E-01	3.91E+01	1.09E+01	2.82E+01	0.00E+00	0.00E+00	2.62E+02	4.65E-04	3.37E-01	2.78E-01	0.00E+00	-1.06E+00	1.47E-07	3.70E-06	1.31E+00	9.11E+01	1.75E-04	0.00E+00	2.20E+02	1.57E+01	3.02E+02	0.00E+00	2.36E-06	1.39E-06	9.39E-02	3.82E-04	3.72E+01	0.00E+00	3.02E+02	-1.00E-04	3.02E+02	3.39E+02	3.72E+01	0.00E+00	0.00E+00	0.00E+00	8.17E+03
	HW1M316FB	1.14E-01	1.60E+01	4.91E+00	1.11E+01	0.00E+00	0.00E+00	7.11E+01	1.37E-04	7.01E-02	1.03E-01	0.00E+00	-5.50E-01	2.50E-08	7.81E-07	4.30E-01	2.36E+01	1.09E-04	0.00E+00	5.98E+01	7.46E+00	1.00E+02	0.00E+00	7.94E-07	4.23E-07	3.06E-02	1.82E-04	9.92E+00	0.00E+00	1.00E+02	-4.45E-05	1.00E+02	1.10E+02	9.92E+00	0.00E+00	0.00E+00	0.00E+00	2.19E+03
	HW1M316FE	1.14E-01	1.64E+01	4.97E+00	1.14E+01	0.00E+00	0.00E+00	8.02E+01	1.40E-04	7.02E-02	1.04E-01	0.00E+00	-4.48E-01	1.12E-07	7.93E-07	4.31E-01	2.37E+01	1.09E-04	0.00E+00	6.00E+01	7.57E+00	1.01E+02	0.00E+00	7.98E-07	4.25E-07	3.10E-02	1.84E-04	9.94E+00	0.00E+00	1.01E+02	-4.51E-05	1.01E+02	1.11E+02	9.94E+00	0.00E+00	0.00E+00	0.00E+00	2.20E+03
	HW1M404DB	6.59E-01	4.80E+01	1.32E+01	3.48E+01	0.00E+00	0.00E+00	3.21E+02	5.87E-04	4.47E-01	3.50E-01	0.00E+00	-1.41E+00	7.31E-08	4.87E-06	1.65E+00	1.18E+02	1.79E-04	0.00E+00	2.84E+02	1.88E+01	3.84E+02	0.00E+00	3.00E-06	1.79E-06	1.20E-01	4.59E-04	4.80E+01	0.00E+00	3.84E+02	-1.20E-04	3.84E+02	4.32E+02	4.80E+01	0.00E+00	0.00E+00	0.00E+00	1.06E+04
	HW1M404DE	6.59E-01	4.80E+01	1.31E+01	3.48E+01	0.00E+00	0.00E+00	3.23E+02	5.89E-04	4.47E-01	3.51E-01	0.00E+00	-1.38E+00	8.38E-08	4.87E-06	1.66E+00	1.19E+02	1.82E-04	0.00E+00	2.84E+02	1.87E+01	3.85E+02	0.00E+00	3.01E-06	1.79E-06	1.20E-01	4.55E-04	4.81E+01	0.00E+00	3.85E+02	-1.18E-04	3.85E+02	4.33E+02	4.81E+01	0.00E+00	0.00E+00	0.00E+00	1.05E+04
	HW1M404FB	1.01E-01	1.86E+01	5.98E+00	1.26E+01	0.00E+00	0.00E+00	7.38E+01	1.46E-04	5.78E-02	1.16E-01	0.00E+00	-6.82E-01	2.64E-08	6.60E-07	4.73E-01	2.30E+01	1.14E-04	0.00E+00	6.04E+01	9.22E+00	1.10E+02	0.00E+00	8.71E-07	4.43E-07	3.30E-02	2.25E-04	9.91E+00	0.00E+00	1.10E+02	-5.44E-05	1.10E+02	1.20E+02	9.91E+00	0.00E+00	0.00E+00	0.00E+00	2.20E+03
	HW1M404FE	1.50E-01	1.99E+01	6.01E+00	1.39E+01	0.00E+00	0.00E+00	9.25E+01	1.78E-04	9.21E-02	1.31E-01	0.00E+00	-6.60E-01	3.94E-08	1.03E-06	5.54E-01	3.08E+01	1.14E-04	0.00E+00	7.77E+01	9.10E+00	1.30E+02	0.00E+00	1.03E-06	5.50E-07	3.95E-02	2.22E-04	1.29E+01	0.00E+00	1.30E+02	-5.22E-05	1.30E+02	1.43E+02	1.29E+01	0.00E+00	0.00E+00	0.00E+00	2.85E+03
	HW1M406DB	6.59E-01	4.80E+01	1.32E+01	3.48E+01	0.00E+00	0.00E+00	3.21E+02	5.87E-04	4.47E-01	3.50E-01	0.00E+00	-1.41E+00	7.31E-08	4.87E-06	1.65E+00	1.18E+02	1.79E-04	0.00E+00	2.84E+02	1.88E+01	3.84E+02	0.00E+00	3.00E-06	1.79E-06	1.20E-01	4.59E-04	4.80E+01	0.00E+00	3.84E+02	-1.20E-04	3.84E+02	4.32E+02	4.80E+01	0.00E+00	0.00E+00	0.00E+00	1.06E+04
	HW1M406DE	6.59E-01	4.80E+01	1.31E+01	3.48E+01	0.00E+00	0.00E+00	3.23E+02	5.89E-04	4.47E-01	3.51E-01	0.00E+00	-1.38E+00	8.38E-08	4.87E-06	1.66E+00	1.19E+02	1.82E-04	0.00E+00	2.84E+02	1.87E+01	3.85E+02	0.00E+00	3.01E-06	1.79E-06	1.20E-01	4.55E-04	4.81E+01	0.00E+00	3.85E+02	-1.18E-04	3.85E+02	4.33E+02	4.81E+01	0.00E+00	0.00E+00	0.00E+00	1.05E+04
	HW1M406FB	1.01E-01	1.86E+01	5.98E+00	1.26E+01	0.00E+00	0.00E+00	7.38E+01	1.46E-04	5.78E-02	1.16E-01	0.00E+00	-6.82E-01	2.64E-08	6.60E-07	4.73E-01	2.30E+01	1.14E-04	0.00E+00	6.04E+01	9.22E+00	1.10E+02	0.00E+00	8.71E-07	4.43E-07	3.30E-02	2.25E-04	9.91E+00	0.00E+00	1.10E+02	-5.44E-05	1.10E+02	1.20E+02	9.91E+00	0.00E+00	0.00E+00	0.00E+00	2.20E+03
	HW1M406FE	1.50E-01	1.99E+01	6.01E+00	1.39E+01	0.00E+00	0.00E+00	9.25E+01	1.78E-04	9.21E-02	1.31E-01	0.00E+00	-6.60E-01	3.94E-08	1.03E-06	5.54E-01	3.08E+01	1.14E-04	0.00E+00	7.77E+01	9.10E+00	1.30E+02	0.00E+00	1.03E-06	5.50E-07	3.95E-02	2.22E-04	1.29E+01	0.00E+00	1.30E+02	-5.22E-05	1.30E+02	1.43E+02	1.29E+01	0.00E+00	0.00E+00	0.00E+00	2.85E+03
	HW1M408DB	6.59E-01	4.80E+01	1.32E+01	3.48E+01	0.00E+00	0.00E+00	3.21E+02	5.87E-04	4.47E-01	3.50E-01	0.00E+00	-1.41E+00	7.31E-08	4.87E-06	1.65E+00	1.18E+02	1.79E-04	0.00E+00	2.84E+02	1.88E+01	3.84E+02	0.00E+00	3.00E-06	1.79E-06	1.20E-01	4.59E-04	4.80E+01	0.00E+00	3.84E+02	-1.20E-04	3.84E+02	4.32E+02	4.80E+01	0.00E+00	0.00E+00	0.00E+00	1.06E+04
	HW1M408DE	6.59E-01	4.80E+01	1.31E+01	3.48E+01	0.00E+00	0.00E+00	3.23E+02	5.89E-04	4.47E-01	3.51E-01	0.00E+00	-1.38E+00	8.38E-08	4.87E-06	1.66E+00	1.19E+02	1.82E-04	0.00E+00	2.84E+02	1.87E+01	3.85E+02	0.00E+00	3.01E-06	1.79E-06	1.20E-01	4.55E-04	4.81E+01	0.00E+00	3.85E+02	-1.18E-04	3.85E+02	4.33E+02	4.81E+01	0.00E+00	0.00E+00	0.00E+00	1.05E+04
	HW1M408FB	1.01E-01	1.86E+01	5.98E+00	1.26E+01	0.00E+00	0.00E+00	7.38E+01	1.46E-04	5.78E-02	1.16E-01	0.00E+00	-6.82E-01	2.64E-08	6.60E-07	4.73E-01	2.30E+01	1.14E-04	0.00E+00	6.04E+01	9.22E+00	1.10E+02	0.00E+00	8.71E-07	4.43E-07	3.30E-02	2.25E-04	9.91E+00	0.00E+00	1.10E+02	-5.44E-05	1.10E+02	1.20E+02	9.91E+00	0.00E+00	0.00E+00	0.00E+00	2.20E+03
	HW1M408FE	1.50E-01	1.99E+01	6.01E+00	1.39E+01	0.00E+00	0.00E+00	9.25E+01	1.78E-04	9.21E-02	1.31E-01	0.00E+00	-6.60E-01	3.94E-08	1.03E-06	5.54E-01	3.08E+01	1.14E-04	0.00E+00	7.77E+01	9.10E+00	1.30E+02	0.00E+00	1.03E-06	5.50E-07	3.95E-02	2.22E-04	1.29E+01	0.00E+00	1.30E+02	-5.22E-05	1.30E+02	1.43E+02	1.29E+01	0.00E+00	0.00E+00	0.00E+00	2.85E+03
	HW1M410DB	6.59E-01	4.80E+01	1.32E+01	3.48E+01	0.00E+00	0.00E+00	3.21E+02	5.87E-04	4.47E-01	3.50E-01	0.00E+00	-1.41E+00	7.31E-08	4.87E-06	1.65E+00	1.18E+02	1.79E-04	0.00E+00	2.84E+02	1.88E+01	3.84E+02	0.00E+00	3.00E-06	1.79E-06	1.20E-01	4.59E-04	4.80E+01	0.00E+00	3.84E+02	-1.20E-04	3.84E+02	4.32E+02	4.80E+01	0.00E+00	0.00E+00	0.00E+00	1.06E+04
	HW1M410DE	6.59E-01	4.80E+01	1.32E+01	3.48E+01	0.00E+00	0.00E+00	3.22E+02	5.88E-04	4.47E-01	3.50E-01	0.00E+00	-1.39E+00	8.42E-08	4.87E-06	1.65E+00	1.18E+02	1.82E-04	0.00E+00	2.84E+02	1.88E+01	3.84E+02	0.00E+00	3.00E-06	1.79E-06	1.20E-01	4.58E-04	4.80E+01	0.00E+00	3.84E+02	-1.19E-04	3.84E+02	4.32E+02	4.80E+01	0.00E+00	0.00E+00	0.00E+00	1.06E+04
	HW1M410FB	1.01E-01	1.86E+01	5.98E+00	1.26E+01	0.00E+00	0.00E+00	7.38E+01	1.46E-04	5.78E-02	1.16E-01	0.00E+00	-6.82E-01	2.64E-08	6.60E-07	4.73E-01	2.30E+01	1.14E-04	0.00E+00	6.04E+01	9.22E+00	1.10E+02	0.00E+00	8.71E-07	4.43E-07	3.30E-02	2.25E-04	9.91E+00	0.00E+00	1.10E+02	-5.44E-05	1.10E+02	1.20E+02	9.91E+00	0.00E+00	0.00E+00	0.00E+00	2.20E+03

HW1N410FE	1.50E-01	1.99E+01	6.01E+00	1.39E+01	0.00E+00	0.00E+00	9.25E+01	1.78E-04	9.21E-02	1.31E-01	0.00E+00	-6.60E-01	3.94E-08	1.03E-06	5.54E-01	3.08E+01	1.14E-04	0.00E+00	7.77E+01	9.10E+00	1.30E+02	0.00E+00	1.03E-06	5.50E-07	3.95E-02	2.22E-04	1.29E+01	0.00E+00	1.30E+02	-5.22E-05	1.30E+02	1.43E+02	1.29E+01	0.00E+00	0.00E+00	0.00E+00	2.85E+03
HW1N412DB	6.59E-01	4.80E+01	1.32E+01	3.48E+01	0.00E+00	0.00E+00	3.21E+02	5.87E-04	4.47E-01	3.50E-01	0.00E+00	-1.41E+00	7.31E-08	4.87E-06	1.65E+00	1.18E+02	1.79E-04	0.00E+00	2.84E+02	1.88E+01	3.84E+02	0.00E+00	3.00E-06	1.79E-06	1.20E-01	4.59E-04	4.80E+01	0.00E+00	3.84E+02	-1.20E-04	3.84E+02	4.32E+02	4.80E+01	0.00E+00	0.00E+00	0.00E+00	1.06E+04
HW1N412DE	6.59E-01	4.80E+01	1.32E+01	3.48E+01	0.00E+00	0.00E+00	3.22E+02	5.88E-04	4.47E-01	3.50E-01	0.00E+00	-1.39E+00	8.42E-08	4.87E-06	1.65E+00	1.18E+02	1.82E-04	0.00E+00	2.84E+02	1.88E+01	3.84E+02	0.00E+00	3.00E-06	1.79E-06	1.20E-01	4.58E-04	4.80E+01	0.00E+00	3.84E+02	-1.19E-04	3.84E+02	4.32E+02	4.80E+01	0.00E+00	0.00E+00	0.00E+00	1.06E+04
HW1N412FB	1.01E-01	1.86E+01	5.98E+00	1.26E+01	0.00E+00	0.00E+00	7.38E+01	1.46E-04	5.78E-02	1.16E-01	0.00E+00	-6.82E-01	2.64E-08	6.60E-07	4.73E-01	2.30E+01	1.14E-04	0.00E+00	6.04E+01	9.22E+00	1.10E+02	0.00E+00	8.71E-07	4.43E-07	3.30E-02	2.25E-04	9.91E+00	0.00E+00	1.10E+02	-5.44E-05	1.10E+02	1.20E+02	9.91E+00	0.00E+00	0.00E+00	0.00E+00	2.22E+03
HW1N412FE	1.50E-01	1.99E+01	6.01E+00	1.39E+01	0.00E+00	0.00E+00	9.25E+01	1.78E-04	9.21E-02	1.31E-01	0.00E+00	-6.60E-01	3.94E-08	1.03E-06	5.54E-01	3.08E+01	1.14E-04	0.00E+00	7.77E+01	9.10E+00	1.30E+02	0.00E+00	1.03E-06	5.50E-07	3.95E-02	2.22E-04	1.29E+01	0.00E+00	1.30E+02	-5.22E-05	1.30E+02	1.43E+02	1.29E+01	0.00E+00	0.00E+00	0.00E+00	2.85E+03
HW1N416DB	6.59E-01	4.80E+01	1.32E+01	3.48E+01	0.00E+00	0.00E+00	3.21E+02	5.87E-04	4.47E-01	3.50E-01	0.00E+00	-1.41E+00	7.31E-08	4.87E-06	1.65E+00	1.18E+02	1.79E-04	0.00E+00	2.84E+02	1.88E+01	3.84E+02	0.00E+00	3.00E-06	1.79E-06	1.20E-01	4.59E-04	4.80E+01	0.00E+00	3.84E+02	-1.20E-04	3.84E+02	4.32E+02	4.80E+01	0.00E+00	0.00E+00	0.00E+00	1.06E+04
HW1N416DE	6.59E-01	4.80E+01	1.32E+01	3.48E+01	0.00E+00	0.00E+00	3.22E+02	5.88E-04	4.47E-01	3.50E-01	0.00E+00	-1.39E+00	8.42E-08	4.87E-06	1.65E+00	1.18E+02	1.82E-04	0.00E+00	2.84E+02	1.88E+01	3.84E+02	0.00E+00	3.00E-06	1.79E-06	1.20E-01	4.58E-04	4.80E+01	0.00E+00	3.84E+02	-1.19E-04	3.84E+02	4.32E+02	4.80E+01	0.00E+00	0.00E+00	0.00E+00	1.06E+04
HW1N416FB	1.49E-01	1.99E+01	6.03E+00	1.39E+01	0.00E+00	0.00E+00	9.15E+01	1.77E-04	9.21E-02	1.31E-01	0.00E+00	-6.75E-01	2.98E-08	1.02E-06	5.54E-01	3.08E+01	1.12E-04	0.00E+00	7.76E+01	9.13E+00	1.30E+02	0.00E+00	1.03E-06	5.49E-07	3.95E-02	2.22E-04	1.29E+01	0.00E+00	1.30E+02	-5.27E-05	1.30E+02	1.43E+02	1.29E+01	0.00E+00	0.00E+00	0.00E+00	2.85E+03
HW1N416FE	1.50E-01	1.99E+01	6.01E+00	1.39E+01	0.00E+00	0.00E+00	9.25E+01	1.78E-04	9.21E-02	1.31E-01	0.00E+00	-6.60E-01	3.94E-08	1.03E-06	5.54E-01	3.08E+01	1.14E-04	0.00E+00	7.77E+01	9.10E+00	1.30E+02	0.00E+00	1.03E-06	5.50E-07	3.95E-02	2.22E-04	1.29E+01	0.00E+00	1.30E+02	-5.22E-05	1.30E+02	1.43E+02	1.29E+01	0.00E+00	0.00E+00	0.00E+00	2.85E+03
HW1W304DS	4.93E-01	3.73E+01	1.04E+01	2.70E+01	0.00E+00	0.00E+00	2.46E+02	4.53E-04	3.33E-01	2.70E-01	0.00E+00	-1.12E+00	4.69E-08	3.64E-06	1.27E+00	8.95E+01	1.61E-04	0.00E+00	2.17E+02	1.48E+01	2.94E+02	0.00E+00	2.30E-06	1.36E-06	9.15E-02	3.62E-04	3.66E+01	0.00E+00	2.94E+02	-9.51E-05	2.94E+02	3.31E+02	3.66E+01	0.00E+00	0.00E+00	0.00E+00	8.06E+03
HW1W304FS	1.07E-01	1.46E+01	4.38E+00	1.02E+01	0.00E+00	0.00E+00	8.63E+01	1.29E-04	6.59E-02	9.62E-02	0.00E+00	-5.02E-01	1.29E-08	7.34E-07	4.05E-01	2.23E+01	9.74E-05	0.00E+00	5.64E+01	6.64E+00	9.41E+01	0.00E+00	7.46E-07	3.97E-07	2.88E-02	1.62E-04	9.40E+00	0.00E+00	9.41E+01	-3.89E-05	9.41E+01	1.03E+02	9.40E+00	0.00E+00	0.00E+00	0.00E+00	2.06E+03
HW1W306DS	4.93E-01	3.73E+01	1.04E+01	2.70E+01	0.00E+00	0.00E+00	2.46E+02	4.53E-04	3.33E-01	2.70E-01	0.00E+00	-1.12E+00	4.69E-08	3.64E-06	1.27E+00	8.95E+01	1.61E-04	0.00E+00	2.17E+02	1.48E+01	2.94E+02	0.00E+00	2.30E-06	1.36E-06	9.15E-02	3.62E-04	3.66E+01	0.00E+00	2.94E+02	-9.51E-05	2.94E+02	3.31E+02	3.66E+01	0.00E+00	0.00E+00	0.00E+00	8.06E+03
HW1W306FS	1.07E-01	1.46E+01	4.38E+00	1.02E+01	0.00E+00	0.00E+00	8.63E+01	1.29E-04	6.59E-02	9.62E-02	0.00E+00	-5.02E-01	1.29E-08	7.34E-07	4.05E-01	2.23E+01	9.74E-05	0.00E+00	5.64E+01	6.64E+00	9.41E+01	0.00E+00	7.46E-07	3.97E-07	2.88E-02	1.62E-04	9.40E+00	0.00E+00	9.41E+01	-3.89E-05	9.41E+01	1.03E+02	9.40E+00	0.00E+00	0.00E+00	0.00E+00	2.06E+03
HW1W308DS	4.93E-01	3.73E+01	1.04E+01	2.70E+01	0.00E+00	0.00E+00	2.46E+02	4.53E-04	3.33E-01	2.70E-01	0.00E+00	-1.12E+00	4.69E-08	3.64E-06	1.27E+00	8.95E+01	1.61E-04	0.00E+00	2.17E+02	1.48E+01	2.94E+02	0.00E+00	2.30E-06	1.36E-06	9.15E-02	3.62E-04	3.66E+01	0.00E+00	2.94E+02	-9.51E-05	2.94E+02	3.31E+02	3.66E+01	0.00E+00	0.00E+00	0.00E+00	8.06E+03
HW1W308FS	9.39E-02	1.34E+01	4.18E+00	9.19E+00	0.00E+00	0.00E+00	5.30E+01	1.06E-04	3.43E-02	8.39E-02	0.00E+00	-4.88E-01	1.03E-08	4.02E-07	3.47E-01	1.57E+01	9.74E-05	0.00E+00	4.27E+01	6.49E+00	7.94E+01	0.00E+00	6.30E-07	3.12E-07	2.34E-02	1.57E-04	7.01E+00	0.00E+00	7.94E+01	-3.70E-05	7.94E+01	8.64E+01	7.01E+00	0.00E+00	0.00E+00	0.00E+00	1.54E+03
HW1W310DS	6.97E-01	3.60E+01	1.02E+01	2.58E+01	0.00E+00	0.00E+00	2.31E+02	4.26E-04	3.01E-01	2.56E-01	0.00E+00	-1.12E+00	4.34E-08	3.30E-06	1.21E+00	8.25E+01	1.63E-04	0.00E+00	2.01E+02	1.48E+01	2.77E+02	0.00E+00	2.17E-06	1.26E-06	8.57E-02	3.60E-04	3.39E+01	0.00E+00	2.77E+02	-4.49E-05	2.77E+02	3.11E+02	3.39E+01	0.00E+00	0.00E+00	0.00E+00	7.45E+03
HW1W310FS	1.07E-01	1.46E+01	4.38E+00	1.02E+01	0.00E+00	0.00E+00	8.63E+01	1.29E-04	6.59E-02	9.62E-02	0.00E+00	-5.02E-01	1.29E-08	7.34E-07	4.05E-01	2.23E+01	9.74E-05	0.00E+00	5.64E+01	6.64E+00	9.41E+01	0.00E+00	7.46E-07	3.97E-07	2.88E-02	1.62E-04	9.40E+00	0.00E+00	9.41E+01	-3.89E-05	9.41E+01	1.03E+02	9.40E+00	0.00E+00	0.00E+00	0.00E+00	2.06E+03
HW1W312DS	4.93E-01	3.73E+01	1.04E+01	2.70E+01	0.00E+00	0.00E+00	2.46E+02	4.53E-04	3.33E-01	2.70E-01	0.00E+00	-1.12E+00	4.69E-08	3.64E-06	1.27E+00	8.95E+01	1.61E-04	0.00E+00	2.17E+02	1.48E+01	2.94E+02	0.00E+00	2.30E-06	1.36E-06	9.15E-02	3.62E-04	3.66E+01	0.00E+00	2.94E+02	-9.51E-05	2.94E+02	3.31E+02	3.66E+01	0.00E+00	0.00E+00	0.00E+00	8.06E+03
HW1W312FS	1.07E-01	1.46E+01	4.38E+00	1.02E+01	0.00E+00	0.00E+00	8.63E+01	1.29E-04	6.59E-02	9.62E-02	0.00E+00	-5.02E-01	1.29E-08	7.34E-07	4.05E-01	2.23E+01	9.74E-05	0.00E+00	5.64E+01	6.64E+00	9.41E+01	0.00E+00	7.46E-07	3.97E-07	2.88E-02	1.62E-04	9.40E+00	0.00E+00	9.41E+01	-3.89E-05	9.41E+01	1.03E+02	9.40E+00	0.00E+00	0.00E+00	0.00E+00	2.06E+03
HW1W316DS	4.93E-01	3.73E+01	1.04E+01	2.70E+01	0.00E+00	0.00E+00	2.46E+02	4.53E-04	3.33E-01	2.70E-01	0.00E+00	-1.12E+00	4.69E-08	3.64E-06	1.27E+00	8.95E+01	1.61E-04	0.00E+00	2.17E+02	1.48E+01	2.94E+02	0.00E+00	2.30E-06	1.36E-06	9.15E-02	3.62E-04	3.66E+01	0.00E+00	2.94E+02	-9.51E-05	2.94E+02	3.31E+02	3.66E+01	0.00E+00	0.00E+00	0.00E+00	8.06E+03
HW1W316FS	1.08E-01	1.46E+01	4.28E+00	1.04E+01	0.00E+00	0.00E+00	6.97E+01	1.36E-04	6.60E-02	9.79E-02	0.00E+00	-4.85E-01	1.35E-08	7.40E-07	4.22E-01	2.29E+01	9.74E-05	0.00E+00	5.86E+01	6.42E+00	9.77E+01	0.00E+00	7.72E-07	4.09E-07	2.93E-02	1.56E-04	9.80E+00	0.00E+00	9.77E+01	-3.61E-05	9.77E+01	1.07E+02	9.80E+00	0.00E+00	0.00E+00	0.00E+00	2.14E+03
HW1W404DS	5.91E-01	4.46E+01	1.24E+01	3.22E+01	0.00E+00	0.00E+00	2.94E+02	5.41E-04	3.99E-01	3.23E-01	0.00E+00	-1.34E+00	5.54E-08	4.36E-06	1.52E+00	1.07E+02	1.65E-04	0.00E+00	2.58E+02	1.77E+01	3.53E+02	0.00E+00	2.76E-06	1.63E-06	1.10E-01	4.32E-04	4.37E+01	0.00E+00	3.53E+02	-1.13E-04	3.53E+02	3.97E+02	4.37E+01	0.00E+00	0.00E+00	0.00E+00	9.58E+03
HW1W404FS	8.14E-02	1.66E+01	5.27E+00	1.13E+01	0.00E+00	0.00E+00	6.35E+01	1.28E-04	4.45E-02	1.03E-01	0.00E+00	-6.15E-01	1.25E-08	5.15E-07	4.22E-01	1.95E+01	9.74E-05	0.00E+00	5.22E+01	8.14E+00	9.77E+01	0.00E+00	7.75E-07	3.87E-07	2.90E-02	1.98E-04	8.54E+00	0.00E+00	9.77E+01	-4.67E-05	9.77E+01	1.06E+02	8.54E+00	0.00E+00	0.00E+00	0.00E+00	1.89E+03
HW1W406DS	6.50E-01	4.64E+01	1.26E+01	3.38E+01	0.00E+00	0.00E+00	3.15E+02	5.78E-04	4.42E-01	3.42E-01	0.00E+00	-1.35E+00	5.99E-08	4.81E-06	1.62E+00	1.17E+02	1.63E-04	0.00E+00	2.79E+02	1.78E+01	3.76E+02	0.00E+00	2.94E-06	1.76E-06	1.17E-01	4.35E-04	4.74E+01	0.00E+00	3.76E+02	-1.13E-04	3.76E+02	4.23E+02	4.74E+01	0.00E+00	0.00E+00	0.00E+00	1.04E+04
HW1W406FS	1.41E-01	1.82E+01	5.37E+00	1.29E+01	0.00E+00	0.00E+00	8.57E+01	1.67E-04	8.68E-02	1.22E-01	0.00E+00	-6.11E-01	1.67E-08	9.65E-07	5.22E-01	2.91E+01	9.74E-05	0.00E+00	7.33E+01	8.09E+00	1.22E+02	0.00E+00	9.65E-07	5.17E-07	3.69E-02	1.97E-04	1.23E+01	0.00E+00	1.22E+02	-4.56E-05	1.22E+02	1.34E+02	1.23E+01	0.00E+00	0.00E+00	0.00E+00	2.69E+03
HW1W408DS	6.50E-01	4.64E+01	1.26E+01	3.38E+01	0.00E+00	0.00E+00	3.15E+02	5.78E-04	4.42E-01	3.42E-01	0.00E+00	-1.35E+00	5.99E-08	4.81E-06	1.62E+00	1.17E+02	1.63E-04	0.00E+00	2.79E+02	1.78E+01	3.76E+02	0.00E+00	2.94E-06	1.76E-06	1.17E-01	4.35E-04	4.74E+01	0.00E+00	3.76E+02	-1.13E-04	3.76E+02	4.23E+02	4.74E+01	0.00E+00	0.00E+00	0.00E+00	1.04E+04
HW1W408FS	1.41E-01	1.82E+01	5.37E+00	1.29E+01	0.00E+00	0.00E+00	8.57E+01	1.67E-04	8.68E-02	1.22E-01	0.00E+00	-6.11E-01	1.67E-08	9.65E-07	5.22E-01	2.91E+01	9.74E-05	0.00E+00	7.33E+01	8.09E+00	1.22E+02	0.00E+00	9.65E-07	5.17E-07	3.69E-02	1.97E-04	1.23E+01	0.00E+00	1.22E+02	-4.56E-05	1.22E+02	1.34E+02	1.23E+01	0.00E+00	0.00E+00	0.00E+00	2.69E+03
HW1W410DS	6.50E-01	4.64E+01	1.26E+01	3.38E+01	0.00E+00	0.00E+00	3.15E+02	5.78E-04	4.42E-01	3.42E-01	0.00E+00	-1.35E+00	5.99E-08	4.81E-06	1.62E+00	1.17E+02	1.63E-04	0.00E+00	2.79E+02	1.78E+01	3.76E+02	0.00E+00	2.94E-06	1.76E-06	1.17E-01	4.35E-04	4.74E+01	0.00E+00	3.76E+02	-1.13E-04	3.76E+02	4.23E+02	4.74E+01	0.00E+00	0.00E+00	0.00E+00	1.04E+04
HW1W410FS	1.41E-01	1.82E+01	5.37E+00	1.29E+01	0.00E+00	0.00E+00	8.57E+01	1.67E-04	8.68E-02	1.22E-01	0.00E+00	-6.11E-01	1.67E-08	9.65E-07	5.22E-01	2.91E+01	9.74E-05	0.00E+00	7.33E+01	8.09E+00	1.22E+02	0.00E+00	9.65E-07	5.17E-07	3.69E-02	1.97E-04	1.23E+01	0.00E+00	1.22E+02	-4.56E-05	1.22E+02	1.34E+02	1.23E+01	0.00E+00	0.00E+00	0.00E+00	2.69E+03
HW1W412DS	6.50E-01	4.64E+01	1.26E+01	3.38E+01	0.00E+00	0.00E+00	3.15E+02	5.78E-04	4.42E-01	3.42E-01	0.00E+00	-1.35E+00	5.99E-08	4.81E-06	1.62E+00	1.17E+02	1.63E-04	0.00E+00	2.79E+02	1.78E+01	3.76E+02	0.00E+00	2.94E-06	1.76E-06	1.17E-01	4.35E-04	4.74E+01	0.00E+00	3.76E+02	-1.13E-04	3.76E+02	4.23E+02	4.74E+01	0.00E+00	0.00E+00	0.00E+00	1.04E+04
HW1W412FS	1.41E-01	1.82E+01	5.37E+00	1.29E+01	0.00E+00	0.00E+00	8.57E+01	1.67E-04	8.68E-02	1.22E-01	0.00E+00	-6.11E-01	1.67E-08	9.65E-07	5.22E-01	2.91E+01	9.74E-05	0.00E+00	7.33E+01	8.09E+00	1.22E+02	0.00E+00	9.65E-07	5.17E-07	3.69E-02	1.97E-04	1.23E+01	0.00E+00	1.22E+02	-4.56E-05	1.22E+02	1.34E+02	1.23E+01	0.00E+00	0.00E+00	0.00E+00	2.69E+03
HW1W416DS	6.50E-01	4.64E+01	1.26E+01	3.38E+01	0.00E+00	0.00E+00	3.15E+02	5.78E-04	4.42E-01	3.42E-01	0.00E+00	-1.35E+00	5.99E-08	4.81E-06	1.62E+00	1.17E+02	1.63E-04	0.00E+00	2.79E+02	1.78E+01	3.76E+02	0.00E+00	2.94E-06	1.76E-06	1.17E-01	4.35E-04	4.74E+01	0.00E+00	3.76E+02	-1.13E-04	3.76E+02	4.23E+02	4.74E+01	0.00E+00	0.00E+00	0.00E+00	1.04E+04
HW1W416FS	1.41E-01	1.82E+01	5.37E+00	1.29E+01	0.00E+00	0.00E+00	8.57E+01	1.67E-04	8.68E-02	1.22E-01	0.00E+00	-6.11E-01	1.67E-08	9.65E-07	5.22E-01	2.91E+01	9.74E-05	0.00E+00	7.33E+01	8.09E+00	1.22E+02	0.00E+00	9.65E-07	5.17E-07	3.69E-02	1.97E-04	1.23E+01	0.00E+00	1.22E+02	-4.56E-05	1.22E+02	1.34E+02	1.23E+01	0.00E+00	0.00E+00	0.00E+00	2.69E+03
HF2S325DCIH-MTS	3.57E-01	8.33E+01	4.43E+01	3.90E+01	0.00E+00	0.00E+00	1.50E+02	2.41E-04	2.47E-01	3.18E-01	0.00E+00	-5.31E+00	9.99E-08	2.70E-06	8.21E-01	5.62E+01	2.15E-04	0.00E+00	1.27E+02	7.13E+01	1.66E+02	0.00E+00	1.37E-06	7.73E-07	8.82E-02	1.73E-03	1.59E+01	0.00E+00	1.66E+02	-6.15E-04	1.66E+02	1.82E+02	1.59E+01	0.00E+00	0.00E+00	0.00E+00	4.77E+03
HF2S325DEIH-MTS	3.58E-01	8.37E+01	4.45E+01	3.92E+01	0.00E+00	0.00E+00	1.55E+02	2.47E-04	2.48E-01	3.19E-01	0.00E+00	-5.28E+00	1.35E-07	2.71E-06	8.32E-01	5.66E+01	2.22E-04	0.00E+00	1.28E+02	7.15E+01	1.69E+02	0.00E+00	1.39E-06	7.82E-07	8.86E-02	1.73E-03	1.61E+01	0.00E+00	1.69E+02	-6.16E-04	1.69E+02	1.85E+02	1.61E+01	0.00E+00	0.00E+00	0.00E+00	4.81E+03
HF2S425DCIH-MTS	4.71E-01	1.03E+02	5.44E+01	4.83E+01	0.00E+00	0.00E+00	1.94E+02	3.17E-04	3.27E-01	3.98E-01	0.00E+00	-6.52E+00	1.08E-07	3.56E-06	1.08E+00	7.41E+01	2.09E-04	0.00E+00	1.67E+02	8.73E+01	2.16E+02	0.00E+00	1.78E-06	1.01E-06	1.12E-01	2.12E-03	2.15E+01	0.00E+00	2.16E+02	-7.53E-04	2.16E+02	2.38E+02	2.15E+01	0.00E+00	0.00E+00	0.00E+00	6.27E+03
HF2S425DEIH-MTS	4.72E-01	1.03E+02	5.45E+01	4.86E+01	0.00E+00	0.00E+00	1.99E+02	3.22E-04	3.27E-01	3.99E-01	0.00E+00	-6.49E+00	1.44E-07	3.57E-06	1.07E+00	7.45E+01	2.26E-04	0.00E+00	1.68E+02	8.74E+01	2.19E+02	0.00E+00	1.80E-06	1.02E-06	1.12E-01	2.12E-03	2.17E+01	0.00E+00	2.19E+02	-7.53E-04	2.19E+02	2.41E+02	2.17E+01	0.00E+00	0.00E+00	0.00E+00	6.32E+03
HF2W325DSAH-MTS	3.55E-01	8.22E+01	4.42E+01	3.80E+01	0.00E+00	0.00E+00	1.41E+02	2.36E-04	2.46E-01	3.12E-01	0.00E+00	-5.38E+00	2.74E-08	2.68E-06	8.06E-01	5.56E+01	2.05E-04	0.00E+00	1.25E+02	7.10E+01	1.62E+02	0.00E+00	1.34E-06	7.56E-07	8.66E-02	1.72E-03	1.56E+01	0.00E+00	1.62E+02	-6.13E-04	1.62E+02	1.78E+02	1.56E+01	0.00E+00	0.00E+00	0.00E+00	4.71E+03
HF2W425DSAH-MTS	4.69E-01	1.02E+02	5.42E+01	4.74E+01	0.00E+00	0.00E+00	1.85E+02	3.12E-04	3.26E-01	3.92E-01	0.00E+00	-6.59E+00	3.60E-08	3.54E-06	1.05E+00	7.36E+01	2.09E-04	0.00E+00	1.66E+02	8.70E+01	2.13E+02	0.00E+00	1.75E-06	1.00E-06	1.10E-01	2.11E-03	2.13E+01	0.00E+00	2.13E+02	-7.51E-04	2.13E+02	2.34E+02	2.13E+01	0.00E+00	0.00E+00	0.00E+00	6.23E+03
HF2W420FSAI-MTS	4.31E-01	6.15E+01	2.94E+01	3.22E+01	0.00E+00	0.00E+00	1.72E+02	2.99E-04	3.00E-01	2.83E-01	0.00E+00	-3.52E+00	3.36E-08	3.24E-06	9.12E-01	6.97E+01	2.09E-04	0.00E+00	1.57E+02	4.64E+01	1.99E+02	0.00E+00	1.61E-06	9.70E-07	8.68E-02	1.13E-03	2.34E+01	0.00E+00	1.99E+02	-3.95E-04	1.99E+02	2.23E+02	2.34E+01	0.00E+00	0.00E+00	0.00E+00	5.89E+03
HF2E420FCHI-MTS	4.33E-01	6.26E+01	2.99E+01	3.31E+01	0.00E+00	0.00E+00	1.81E+02	3.01E-04	3.01E-01	2.89E-01	0.00E+00	-3.45E+00	1.06E-07	3.25E-06	9.25E-01	7.02E+01	2.19E-04	0.00E+00	1.58E+02	4.67E+01	2.03E+02	0.00E+00	1.64E-06	9.85E-07	8.82E-02	1.13E-03	2.37E+01	0.00E+00	2.03E+02	-3.97E-04	2.03E+02	2.26E+02	2.37E+01	0.00E+00	0.00E+00	0.00E+00	5.94E+03
HF2S325FCIH-MTS	3.46E-01	5.12E+01	2.42E+01	2.70E+01	0.00E+00	0.00E+00	1.46E+02	2.42E-04	2.41E-01	2.35E-01	0.00E+00	-2.81E+00	9.93E-08	2.60E-06	7.45E-01	5.62E+01	2.15E-04	0.00E+00	1.27E+02	3.82E+01	1.63E+02	0.00E+00	1.32E-06	7.91E-07	7.14E-02	9.28E-04	1.89E+01	0.00E+00	1.63E+02	-3.24E-04	1.63E+02	1.82E+02	1.89E+01	0.00E+00	0.00E+00	0.00E+00	4.78E+03
HF2S325FEIH-MTS	3.47E-01	5.14E+01	2.43E+01	2.71E+01	0.00E+00	0.00E+00	1.50E+02	2.44E-04	2.41E-01	2.36E-01	0.00E+00	-2.78E+00	1.33E-07	2.61E-06	7.49E-01	5.63E+01	2.22E-04	0.00E+00	1.27E+02	3.84E+01	1.64E+02	0.00E+00	1.33E-06	7.95E-07	7.18E-02	9.33E-04	1.89E+01	0.00E+00	1.64E+02	-3.25E-04	1.64E+02	1.83E+02	1.89E+01	0.00E+00	0.00E+00	0.00E+00	4.77E+03
HF2S425FCIH-MTS	4.57E-01	6.33E+01	2.99E+01	3.37E+01	0.00E+00	0.00E+00	1.90E+02	3.17E-04	3.19E-01	2.96E-01	0.00E+00	-3.45E+00	1.08E-07	3.44E-06	9.65E-01	7.41E+01	2.19E-04	0.00E+00	1.67E+02	4.67E+01	2.12E+02	0.00E+00	1.72E-06	1.04E-06	9.14E-02	1.13E-03	2.52E+01	0.00E+00	2.12E+02	-3.97E-04	2.12E+02	2.38E+02	2.52E+01	0.00E+00	0.00E+00	0.00E+00	6.27E+03
HF2S425FEIH-MTS	4.58E-01	6.35E+01	2.97E+01	3.38E+01	0.00E+00	0.00E+00	1.94E+02	3.18E-04	3.19E-01	2.97E-01	0.00E+00	-3.42E+00	1.41E-07	3.44E-06	9.68E-01	7.42E+01	2.28E-04	0.00E+00	1.67E+02	4.69E+01	2.14E+02	0.00E+00	1.72E-06	1.04E-06	9.16E-02	1.14E-03	2.52E+01	0.00E+00	2.14E+02	-3.97E-04	2.14E+02	2.39E+02	2.52E+01	0.00E+00	0.00E+00	0.00E+00	6.28E+03
HF2W325FSAH-MTS	3.41E-01	4.86E+01	2.33E+01	2.53E+01	0.00E+00	0.00E+00	1.35E+02	2.31E-04	2.38E-01	2.22E-01	0.00E+00	-2.80E+00	2.59E-08	2.57E-06	7.07E-01	5.47E+01	1.70E-04	0.00E+00	1.23E+02	3.69E+01	1.54E+02	0.00E+00	1.24E-06	7.55E-07	6.81E-02	8.95E-04	1.83E+01	0.00E+00	1.54E+02	-3.16E-04	1.54E+02	1.72E+02	1.83E+01	0.00E+00	0.00E+00	0.00E+00	4.62E+03
H

	HW2E412DE	5.55E-02	9.09E+01	5.36E+01	3.73E+01	0.00E+00	0.00E+00	2.89E+01	3.32E-05	3.10E-02	2.68E-01	0.00E+00	-6.61E+00	3.10E-08	3.93E-07	3.40E-01	6.39E+00	2.63E-04	0.00E+00	1.58E+01	8.75E+01	4.18E+01	0.00E+00	4.27E-07	1.00E-07	5.71E-02	2.12E-03	-4.96E+00	0.00E+00	4.18E+01	-7.61E-04	4.18E+01	3.68E+01	-4.96E+00	0.00E+00	0.00E+00	0.00E+00	5.68E+02
	HW2E412FB	4.13E-02	5.12E+01	2.87E+01	2.25E+01	0.00E+00	0.00E+00	2.27E+01	3.19E-05	2.21E-02	1.66E-01	0.00E+00	-3.54E+00	1.26E-08	2.63E-07	2.44E-01	6.24E+00	2.09E-04	0.00E+00	1.52E+01	4.69E+01	3.75E+01	0.00E+00	3.58E-07	1.20E-07	3.62E-02	1.14E-03	-1.38E+00	0.00E+00	3.75E+01	-4.04E-04	3.75E+01	3.61E+01	-1.38E+00	0.00E+00	0.00E+00	0.00E+00	5.44E+02
	HW2E412FE	4.20E-02	5.14E+01	2.88E+01	2.26E+01	0.00E+00	0.00E+00	2.48E+01	3.33E-05	2.25E-02	1.67E-01	0.00E+00	-3.53E+00	3.02E-08	2.70E-07	2.47E-01	6.38E+00	2.09E-04	0.00E+00	1.56E+01	4.70E+01	3.83E+01	0.00E+00	3.64E-07	1.23E-07	3.65E-02	1.14E-03	-1.33E+00	0.00E+00	3.83E+01	-4.05E-04	3.83E+01	3.69E+01	-1.33E+00	0.00E+00	0.00E+00	0.00E+00	5.60E+02
	HW2E416DB	5.48E-02	9.06E+01	5.35E+01	3.71E+01	0.00E+00	0.00E+00	2.68E+01	3.18E-05	3.06E-02	2.67E-01	0.00E+00	-6.62E+00	1.34E-08	3.86E-07	3.37E-01	6.25E+00	2.63E-04	0.00E+00	1.54E+01	8.74E+01	4.10E+01	0.00E+00	4.21E-07	9.74E-08	5.68E-02	2.12E-03	-5.01E+00	0.00E+00	4.10E+01	-7.60E-04	4.10E+01	3.60E+01	-5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.51E+02
	HW2E416DE	5.55E-02	9.09E+01	5.36E+01	3.73E+01	0.00E+00	0.00E+00	2.89E+01	3.32E-05	3.10E-02	2.68E-01	0.00E+00	-6.61E+00	3.10E-08	3.93E-07	3.40E-01	6.39E+00	2.63E-04	0.00E+00	1.58E+01	8.75E+01	4.18E+01	0.00E+00	4.27E-07	1.00E-07	5.71E-02	2.12E-03	-4.96E+00	0.00E+00	4.18E+01	-7.61E-04	4.18E+01	3.68E+01	-4.96E+00	0.00E+00	0.00E+00	0.00E+00	5.68E+02
	HW2E416FB	4.13E-02	5.12E+01	2.87E+01	2.25E+01	0.00E+00	0.00E+00	2.27E+01	3.19E-05	2.21E-02	1.66E-01	0.00E+00	-3.54E+00	1.26E-08	2.63E-07	2.44E-01	6.24E+00	2.09E-04	0.00E+00	1.52E+01	4.69E+01	3.75E+01	0.00E+00	3.58E-07	1.20E-07	3.62E-02	1.14E-03	-1.38E+00	0.00E+00	3.75E+01	-4.04E-04	3.75E+01	3.61E+01	-1.38E+00	0.00E+00	0.00E+00	0.00E+00	5.44E+02
	HW2E416FE	4.20E-02	5.14E+01	2.88E+01	2.26E+01	0.00E+00	0.00E+00	2.48E+01	3.33E-05	2.25E-02	1.67E-01	0.00E+00	-3.53E+00	3.02E-08	2.70E-07	2.47E-01	6.38E+00	2.09E-04	0.00E+00	1.56E+01	4.70E+01	3.83E+01	0.00E+00	3.64E-07	1.23E-07	3.65E-02	1.14E-03	-1.33E+00	0.00E+00	3.83E+01	-4.05E-04	3.83E+01	3.69E+01	-1.33E+00	0.00E+00	0.00E+00	0.00E+00	5.60E+02
	HW2E420DB	5.48E-02	9.06E+01	5.35E+01	3.71E+01	0.00E+00	0.00E+00	2.68E+01	3.18E-05	3.06E-02	2.67E-01	0.00E+00	-6.62E+00	1.34E-08	3.86E-07	3.37E-01	6.25E+00	2.63E-04	0.00E+00	1.54E+01	8.74E+01	4.10E+01	0.00E+00	4.21E-07	9.74E-08	5.68E-02	2.12E-03	-5.01E+00	0.00E+00	4.10E+01	-7.60E-04	4.10E+01	3.60E+01	-5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.51E+02
	HW2E420DE	5.55E-02	9.09E+01	5.36E+01	3.73E+01	0.00E+00	0.00E+00	2.89E+01	3.32E-05	3.10E-02	2.68E-01	0.00E+00	-6.61E+00	3.10E-08	3.93E-07	3.40E-01	6.39E+00	2.63E-04	0.00E+00	1.58E+01	8.75E+01	4.18E+01	0.00E+00	4.27E-07	1.00E-07	5.71E-02	2.12E-03	-4.96E+00	0.00E+00	4.18E+01	-7.61E-04	4.18E+01	3.68E+01	-4.96E+00	0.00E+00	0.00E+00	0.00E+00	5.68E+02
	HW2E420FB	4.13E-02	5.12E+01	2.87E+01	2.25E+01	0.00E+00	0.00E+00	2.27E+01	3.19E-05	2.21E-02	1.66E-01	0.00E+00	-3.54E+00	1.26E-08	2.63E-07	2.44E-01	6.24E+00	2.09E-04	0.00E+00	1.52E+01	4.69E+01	3.75E+01	0.00E+00	3.58E-07	1.20E-07	3.62E-02	1.14E-03	-1.38E+00	0.00E+00	3.75E+01	-4.04E-04	3.75E+01	3.61E+01	-1.38E+00	0.00E+00	0.00E+00	0.00E+00	5.44E+02
	HW2E420FE	4.20E-02	5.14E+01	2.88E+01	2.26E+01	0.00E+00	0.00E+00	2.48E+01	3.33E-05	2.25E-02	1.67E-01	0.00E+00	-3.53E+00	3.02E-08	2.70E-07	2.47E-01	6.38E+00	2.09E-04	0.00E+00	1.56E+01	4.70E+01	3.83E+01	0.00E+00	3.64E-07	1.23E-07	3.65E-02	1.14E-03	-1.33E+00	0.00E+00	3.83E+01	-4.05E-04	3.83E+01	3.69E+01	-1.33E+00	0.00E+00	0.00E+00	0.00E+00	5.60E+02
	HW2E425DB	5.48E-02	9.06E+01	5.35E+01	3.71E+01	0.00E+00	0.00E+00	2.68E+01	3.18E-05	3.06E-02	2.67E-01	0.00E+00	-6.62E+00	1.34E-08	3.86E-07	3.37E-01	6.25E+00	2.63E-04	0.00E+00	1.54E+01	8.74E+01	4.10E+01	0.00E+00	4.21E-07	9.74E-08	5.68E-02	2.12E-03	-5.01E+00	0.00E+00	4.10E+01	-7.60E-04	4.10E+01	3.60E+01	-5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.51E+02
	HW2E425DE	5.55E-02	9.09E+01	5.36E+01	3.73E+01	0.00E+00	0.00E+00	2.89E+01	3.32E-05	3.10E-02	2.68E-01	0.00E+00	-6.61E+00	3.10E-08	3.93E-07	3.40E-01	6.39E+00	2.63E-04	0.00E+00	1.58E+01	8.75E+01	4.18E+01	0.00E+00	4.27E-07	1.00E-07	5.71E-02	2.12E-03	-4.96E+00	0.00E+00	4.18E+01	-7.61E-04	4.18E+01	3.68E+01	-4.96E+00	0.00E+00	0.00E+00	0.00E+00	5.68E+02
	HW2E425FB	4.13E-02	5.12E+01	2.87E+01	2.25E+01	0.00E+00	0.00E+00	2.27E+01	3.19E-05	2.21E-02	1.66E-01	0.00E+00	-3.54E+00	1.26E-08	2.63E-07	2.44E-01	6.24E+00	2.09E-04	0.00E+00	1.52E+01	4.69E+01	3.75E+01	0.00E+00	3.58E-07	1.20E-07	3.62E-02	1.14E-03	-1.38E+00	0.00E+00	3.75E+01	-4.04E-04	3.75E+01	3.61E+01	-1.38E+00	0.00E+00	0.00E+00	0.00E+00	5.44E+02
	HW2E425FE	4.20E-02	5.14E+01	2.88E+01	2.26E+01	0.00E+00	0.00E+00	2.48E+01	3.33E-05	2.25E-02	1.67E-01	0.00E+00	-3.53E+00	3.02E-08	2.70E-07	2.47E-01	6.38E+00	2.09E-04	0.00E+00	1.56E+01	4.70E+01	3.83E+01	0.00E+00	3.64E-07	1.23E-07	3.65E-02	1.14E-03	-1.33E+00	0.00E+00	3.83E+01	-4.05E-04	3.83E+01	3.69E+01	-1.33E+00	0.00E+00	0.00E+00	0.00E+00	5.60E+02
	HW2M306DB	4.52E-02	7.41E+01	4.37E+01	3.04E+01	0.00E+00	0.00E+00	2.23E+01	2.71E-05	2.51E-02	2.19E-01	0.00E+00	-5.40E+00	1.24E-08	3.17E-07	2.79E-01	5.24E+00	2.59E-04	0.00E+00	1.30E+01	7.14E+01	3.45E+01	0.00E+00	3.51E-07	8.34E-08	4.66E-02	1.73E-03	-4.02E+00	0.00E+00	3.45E+01	-6.20E-04	3.45E+01	3.04E+01	-4.02E+00	0.00E+00	0.00E+00	0.00E+00	4.70E+02
	HW2M306DE	4.53E-02	7.43E+01	4.38E+01	3.05E+01	0.00E+00	0.00E+00	2.42E+01	2.76E-05	2.52E-02	2.20E-01	0.00E+00	-5.39E+00	3.00E-08	3.20E-07	2.79E-01	5.24E+00	2.59E-04	0.00E+00	1.31E+01	7.16E+01	3.45E+01	0.00E+00	3.51E-07	8.33E-08	4.67E-02	1.74E-03	-4.03E+00	0.00E+00	3.45E+01	-6.22E-04	3.45E+01	3.05E+01	-4.03E+00	0.00E+00	0.00E+00	0.00E+00	4.70E+02
	HW2M306FB	3.42E-02	4.19E+01	2.35E+01	1.85E+01	0.00E+00	0.00E+00	1.90E+01	2.72E-05	1.82E-02	1.36E-01	0.00E+00	-2.90E+00	1.18E-08	2.17E-07	2.03E-01	5.23E+00	2.05E-04	0.00E+00	1.29E+01	3.83E+01	3.16E+01	0.00E+00	3.00E-07	1.02E-07	2.99E-02	9.30E-04	-1.06E+00	0.00E+00	3.16E+01	-3.30E-04	3.16E+01	3.05E+01	-1.06E+00	0.00E+00	0.00E+00	0.00E+00	4.64E+02
	HW2M306FE	3.43E-02	4.22E+01	2.36E+01	1.86E+01	0.00E+00	0.00E+00	2.09E+01	2.77E-05	1.82E-02	1.37E-01	0.00E+00	-2.89E+00	2.93E-08	2.20E-07	2.03E-01	5.23E+00	2.05E-04	0.00E+00	1.29E+01	3.85E+01	3.16E+01	0.00E+00	3.00E-07	1.02E-07	3.00E-02	9.34E-04	-1.07E+00	0.00E+00	3.16E+01	-3.32E-04	3.16E+01	3.06E+01	-1.07E+00	0.00E+00	0.00E+00	0.00E+00	4.64E+02
	HW2M308DB	4.52E-02	7.41E+01	4.37E+01	3.04E+01	0.00E+00	0.00E+00	2.23E+01	2.71E-05	2.51E-02	2.19E-01	0.00E+00	-5.40E+00	1.24E-08	3.17E-07	2.79E-01	5.24E+00	2.59E-04	0.00E+00	1.30E+01	7.14E+01	3.45E+01	0.00E+00	3.51E-07	8.34E-08	4.66E-02	1.73E-03	-4.02E+00	0.00E+00	3.45E+01	-6.20E-04	3.45E+01	3.04E+01	-4.02E+00	0.00E+00	0.00E+00	0.00E+00	4.70E+02
	HW2M308DE	4.53E-02	7.43E+01	4.38E+01	3.05E+01	0.00E+00	0.00E+00	2.42E+01	2.76E-05	2.52E-02	2.20E-01	0.00E+00	-5.39E+00	3.00E-08	3.20E-07	2.79E-01	5.24E+00	2.59E-04	0.00E+00	1.31E+01	7.16E+01	3.45E+01	0.00E+00	3.51E-07	8.33E-08	4.67E-02	1.74E-03	-4.03E+00	0.00E+00	3.45E+01	-6.22E-04	3.45E+01	3.05E+01	-4.03E+00	0.00E+00	0.00E+00	0.00E+00	4.70E+02
	HW2M308FB	3.42E-02	4.19E+01	2.35E+01	1.85E+01	0.00E+00	0.00E+00	1.90E+01	2.72E-05	1.82E-02	1.36E-01	0.00E+00	-2.90E+00	1.18E-08	2.17E-07	2.03E-01	5.23E+00	2.05E-04	0.00E+00	1.29E+01	3.83E+01	3.16E+01	0.00E+00	3.00E-07	1.02E-07	2.99E-02	9.30E-04	-1.06E+00	0.00E+00	3.16E+01	-3.30E-04	3.16E+01	3.05E+01	-1.06E+00	0.00E+00	0.00E+00	0.00E+00	4.64E+02
	HW2M308FE	3.43E-02	4.22E+01	2.36E+01	1.86E+01	0.00E+00	0.00E+00	2.09E+01	2.77E-05	1.82E-02	1.37E-01	0.00E+00	-2.89E+00	2.93E-08	2.20E-07	2.03E-01	5.23E+00	2.05E-04	0.00E+00	1.29E+01	3.85E+01	3.16E+01	0.00E+00	3.00E-07	1.02E-07	3.00E-02	9.34E-04	-1.07E+00	0.00E+00	3.16E+01	-3.32E-04	3.16E+01	3.06E+01	-1.07E+00	0.00E+00	0.00E+00	0.00E+00	4.64E+02
	HW2M310DB	4.52E-02	7.41E+01	4.37E+01	3.04E+01	0.00E+00	0.00E+00	2.23E+01	2.71E-05	2.51E-02	2.19E-01	0.00E+00	-5.40E+00	1.24E-08	3.17E-07	2.79E-01	5.24E+00	2.59E-04	0.00E+00	1.30E+01	7.14E+01	3.45E+01	0.00E+00	3.51E-07	8.34E-08	4.66E-02	1.73E-03	-4.02E+00	0.00E+00	3.45E+01	-6.20E-04	3.45E+01	3.04E+01	-4.02E+00	0.00E+00	0.00E+00	0.00E+00	4.70E+02
	HW2M310DE	4.53E-02	7.43E+01	4.38E+01	3.05E+01	0.00E+00	0.00E+00	2.42E+01	2.76E-05	2.52E-02	2.20E-01	0.00E+00	-5.39E+00	3.00E-08	3.20E-07	2.79E-01	5.24E+00	2.59E-04	0.00E+00	1.31E+01	7.16E+01	3.45E+01	0.00E+00	3.51E-07	8.33E-08	4.67E-02	1.74E-03	-4.03E+00	0.00E+00	3.45E+01	-6.22E-04	3.45E+01	3.05E+01	-4.03E+00	0.00E+00	0.00E+00	0.00E+00	4.70E+02
	HW2M310FB	3.42E-02	4.19E+01	2.35E+01	1.85E+01	0.00E+00	0.00E+00	1.90E+01	2.72E-05	1.82E-02	1.36E-01	0.00E+00	-2.90E+00	1.18E-08	2.17E-07	2.03E-01	5.23E+00	2.05E-04	0.00E+00	1.29E+01	3.83E+01	3.16E+01	0.00E+00	3.00E-07	1.02E-07	2.99E-02	9.30E-04	-1.06E+00	0.00E+00	3.16E+01	-3.30E-04	3.16E+01	3.05E+01	-1.06E+00	0.00E+00	0.00E+00	0.00E+00	4.64E+02
	HW2M310FE	3.43E-02	4.22E+01	2.36E+01	1.86E+01	0.00E+00	0.00E+00	2.09E+01	2.77E-05	1.82E-02	1.37E-01	0.00E+00	-2.89E+00	2.93E-08	2.20E-07	2.03E-01	5.23E+00	2.05E-04	0.00E+00	1.29E+01	3.85E+01	3.16E+01	0.00E+00	3.00E-07	1.02E-07	3.00E-02	9.34E-04	-1.07E+00	0.00E+00	3.16E+01	-3.32E-04	3.16E+01	3.06E+01	-1.07E+00	0.00E+00	0.00E+00	0.00E+00	4.64E+02
	HW2M312DB	4.52E-02	7.41E+01	4.37E+01	3.04E+01	0.00E+00	0.00E+00	2.23E+01	2.71E-05	2.51E-02	2.19E-01	0.00E+00	-5.40E+00	1.24E-08	3.17E-07	2.79E-01	5.24E+00	2.59E-04	0.00E+00	1.30E+01	7.14E+01	3.45E+01	0.00E+00	3.51E-07	8.34E-08	4.66E-02	1.73E-03	-4.02E+00	0.00E+00	3.45E+01	-6.20E-04	3.45E+01	3.04E+01	-4.02E+00	0.00E+00	0.00E+00	0.00E+00	4.70E+02
	HW2M312DE	4.53E-02	7.43E+01	4.38E+01	3.05E+01	0.00E+00	0.00E+00	2.42E+01	2.76E-05	2.52E-02	2.20E-01	0.00E+00	-5.39E+00	3.00E-08	3.20E-07	2.79E-01	5.24E+00	2.59E-04	0.00E+00	1.31E+01	7.16E+01	3.45E+01	0.00E+00	3.51E-07	8.33E-08	4.67E-02	1.74E-03	-4.03E+00	0.00E+00	3.45E+01	-6.22E-04	3.45E+01	3.05E+01	-4.03E+00	0.00E+00	0.00E+00	0.00E+00	4.70E+02
	HW2M312FB	3.42E-02	4.19E+01	2.35E+01	1.85E+01	0.00E+00	0.00E+00	1.90E+01	2.72E-05	1.82E-02	1.36E-01	0.00E+00	-2.90E+00	1.18E-08	2.17E-07	2.03E-01	5.23E+00	2.05E-04	0.00E+00	1.29E+01	3.83E+01	3.16E+01	0.00E+00	3.00E-07	1.02E-07	2.99E-02	9.30E-04	-1.06E+00	0.00E+00	3.16E+01	-3.30E-04	3.16E+01	3.05E+01	-1.06E+00	0.00E+00	0.00E+00	0.00E+00	4.64E+02
	HW2M312FE	3.43E-02	4.22E+01	2.36E+01	1.86E+01	0.00E+00	0.00E+00	2.09E+01	2.77E-05	1.82E-02	1.37E-01	0.00E+00	-2.89E+00	2.93E-08	2.20E-07	2.03E-01	5.23E+00	2.05E-04	0.00E+00	1.29E+01	3.85E+01	3.16E+01	0.00E+00	3.00E-07	1.02E-07	3.00E-02	9.34E-04	-1.07E+00	0.00E+00	3.16E+01	-3.32E-04	3.16E+01	3.06E+01	-1.07E+00	0.00E+00	0.00E+00	0.00E+00	4.64E+02
	HW2M316DB	4.52E-02	7.41E+01	4.37E+01	3.04E+01	0.00E+00	0.00E+00	2.23E+01	2.71E-05	2.51E-02	2.19E-01	0.00E+00	-5.40E+00	1.24E-08	3.17E-07	2.79E-01	5.24E+00	2.59E-04	0.00E+00	1.30E+01	7.14E+01	3.45E+01	0.00E+00	3.51E-07	8.34E-08	4.66E-02	1.73E-03	-4.02E+00	0.00E+00	3.45E+01	-6.20E-04	3.45E+01	3.04E+01	-4.02E+00	0.00E+00	0.00E+00	0.00E+00	4.70E+02
	HW2M316DE	4.53E-02	7.43E+01	4.38E+01	3.05E+01	0.00E+00	0.00E+00	2.42E+01	2.76E-05	2.52E-02	2.20E-01	0.00E+00	-5.39E+00	3.00E-08	3.20E-07	2.79E-01	5.24E+00	2.59E-04	0.00E+00	1.31E+01	7.16E+01	3.45E+01	0.00E+00	3.51E-07	8.33E-08	4.67E-02	1.74E-03	-4.03E+00	0.00E+00	3.45E+01	-6.22E-04	3.45E+01	3.05E+01	-4.03E+00	0.00E+00	0.00E+00	0.00E+00	4.70E+02
	HW2M316FB	3.42E-02	4.19E+01	2.35E+01	1.85E+01	0.00E+00	0.00E+00	1.90E+01	2.72E-05	1.82E-02	1.36E-01	0.00E+00	-2.90E+00	1.18E-08	2.17E-07	2.03E-01	5.23E+00	2.05E-04	0.00E+00	1.29E+01	3.83E+01	3.16E+01	0.00E+00	3.00E-07	1.02E-07	2.99E-02	9.30E-04	-1.06E+00	0.00E+00	3.16E+01	-3.30E-04	3.16E+01	3.05E+01	-1.06E+00	0.00E+00	0.00E+00	0.00E+00	4.64E+02
	HW2M316FE	3.43E-02	4.22E+01	2.36E+01	1.86E+01	0.00E+00	0.00E+00	2.09E+01	2.77E-05	1.82E-02	1.37E-01	0.00E+00	-2.89E+00	2.93E-08	2.20E-07	2.03E-01	5.23E+00	2.05E-04	0.00E+00	1.29E+01	3.85E+01	3.16E+01	0.00E+00	3.00E-07	1.02E-07	3.00E-02	9.34E-04	-1.07E+00	0.00E+00	3.16E+01	-3.32E-04	3.16E+01	3.06E+01	-1.07E+00	0.00E+00	0.00E+00	0.00E+00	4.64E+02
	HW2M320DB	4.52E-02	7.41E+01	4.37E+01	3.04E+01	0.00E+00	0.00E+00	2.23E+01	2.71E-05	2.51E-02	2.19E-01	0.00E+00	-5.40E+00	1.24E-08	3.17E-07	2.79E-01	5.24E+00	2.59E-04	0.00E+00	1.30E+01	7.14E+01	3.45E+01	0.00E+00	3.51E-07	8.34E-08	4.66E-02	1.73E-03	-4.02E+00	0.00E+00	3.45E+01	-6.20E-04	3.45E+01	3.04E+01	-4.02E+00	0.00E+00	0.00E+00	0.00E+00	4.70E+02
	HW2M320DE	4.53E-02	7.43E+01	4.38E+01	3.05E+01	0.00E+00	0.00E+00	2.42E+01	2.76E-05	2.52E-02	2.20E-01	0.00E+00	-5.39E+00	3.00E-08	3.20E-07	2.79E-01	5.24E+00	2.59E-04	0.00E+00	1.31E+01	7.16E+01	3.45E+01	0.00E+00	3.51E-07	8.33E-08	4.67E-02	1.74E-03	-4.03E+00	0.00E+00	3.45E+01	-6.22E-04	3.45E+01	3.05E+01	-4.03E+00	0.00E+00	0.00E+00	0.00E+00	4.70E+02
	HW2M320FB	3.42E-02	4.19E+01	2.35E+01	1.85E+01	0.00E+00	0.00E+00	1.90E+01	2.72E-05	1.82E-02	1.36E-01	0.00E+00	-2.90E+00	1.18E-08	2.17E-07	2.03E-01	5.23E+00	2.05E-04	0.00E+00	1.29E+01	3.83E+01	3.16E+01	0.00E+00	3.00E-07	1.02E-07	2.99E-02	9.30E-04	-1.06E+00	0.00E+00	3.16E+01	-3.30E-04	3.16E+01	3.05E+01	-1.06E+00	0.00E+00	0.00E+00	0.00E+00	4.64E+02
	HW2M320FE	3.43E-02	4.22E+01	2.36E+01	1.86E+01	0.00E+00	0.00E+00	2.09E+01	2.77E-05	1.82E-02	1.37E-01	0.00E+00	-2.89E+00	2.93E-08	2.20E-07	2.03E-01	5.23E+00	2.05E-04	0.00E+00	1.29E+01	3.85E+01	3.16E+01	0.00E+00	3.00E-07	1.02E-07	3.00E-02	9.34E-04	-1.07E+00	0.00E+00	3.16E+01	-3.32E-04	3.16E+01	3.06E+01	-1.07E+00	0.00E+00	0.00E+00	0.00E+00	4.64E+02
	HW2M325DB	4.52E-02	7.41E+01	4.37E+01	3.04E+01	0.00E+00	0.00E+00	2.23E+01	2.71E-05	2.51E-02	2.19E-01	0.00E+00	-5.40E+00	1.24E-08	3.17E-07	2.79E-01	5.24E+00	2.59E-04	0.00E+00	1.30E+01	7.14E+01	3.45E+01	0.00E+00	3.51E-07	8.34E-08	4.66E-02	1.73E-03	-4.02E+00	0.00E+00	3.45E+01	-6.20E-04	3.45E+01	3.04E+01	-4.02E+00	0.00E+00	0.00E+00	0.00E+00	4.70E+02
	HW2M325DE	4.53E-02	7.43E+01	4.38E+01	3.05E+01	0.00E+00	0.00E+00	2.42E+01	2.76E-05	2.52E-02	2.20E-01	0.00E+00	-5.39E+00	3.00E-08	3.20E-07	2.79E-01	5.24E+00	2.59E-04	0.00E+00	1.31E+01	7.16E+01	3.45E+01	0.00E+00	3.51E-07	8.33E-08	4.67E-02	1.74E-03	-4.03E+00	0.00E+00	3.45E+01	-6.22E-04	3.45E+01	3.05E+01	-4.03E+00	0.00E+00	0.00E+00	0.00E+00	4.70E+02
	HW2M325FB	3.42E-02	4.19E+01	2.35E+01	1.85E+01	0.00E+00	0.00E+00	1.90E+01	2.72E-05	1.82E-02	1.36E-01	0.00E+00	-2.90E+00	1.18E-08	2.17E-07	2.03E-01	5.23E+00	2.05E-04	0.00E+00	1.29E+01	3.83E+01	3.16E+01	0.00E+00	3.00E-07	1.02E-07	2.99E-02	9.30E-04	-1.06E+00	0.00E+00	3.16E+01	-3.30E-04	3.16E+01	3.05E+01	-1.06E+00	0.00E+00	0.00E+00	0.00E+00	4.64E+02
	HW2M325FE	3.43E-02	4.22E+01	2.36E+01	1.86E+01	0.00E+00	0.00E+00	2.09E+01	2.77E-05	1.82E-02	1.37E-01	0.00E+00	-2.89E+00	2.93E-08	2.20E-07	2.03E-01	5.23E+00	2.05E-04	0.00E+00	1.29E+01	3.85E+01	3.16E+01	0.00E+00	3.00E-07	1.02E-07	3.00E-02	9.34E-04	-1.07E+00	0.00E+00	3.16E+01	-3.32E-04	3.16E+01	3.06E+01	-1.07E+00	0.00E+00	0.00E+00	0.00E+00	4.64E+02
	HW2M406DB	5.48E-02	9.06E+01	5.35E+01	3.71E+01	0.00E+00	0.00E+00	2.68E+01	3.18E-05	3.06E-02	2.67E-01	0.00E+00	-6.62E+00	1.34E-08	3.86E-07	3.37E-01	6.25E+00	2.63E-04	0.00E+00	1.54E+01	8.74E+01	4.10E+01	0.00E+00	4.21E-07	9.74E-08	5.68E-02	2.12E-03	-5.01E+00	0.00E+00	4.10E+01	-7.60E-04	4.10E+01	3.60E+01	-5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.51E+02
	HW2M406DE	5.55E-02	9.09E+01	5.36E+01	3.73E+01	0.00E+00	0.00E+00	2.89E+01	3.32E-05	3.10E-02	2.68E-01	0.00E+00	-6.61E+00	3.10E-08	3.93E-07	3.40E-01	6.39E+00	2.63E-04	0.00E+00	1.58E+01	8.75E+01	4.18E+01	0.00E+00	4.27E-07	1.00E-07	5.71E-02	2.12E-03	-4.96E+00	0.00E+00	4.18E+01	-7.61E-04	4.18E+01	3.68E+01	-4.96E+00	0.00E+00	0.00E+00	0.00E+00	5.68E+02
	HW2M406FB	4.13E-02	5.12E+01	2.87E+01	2.25E+01	0.00E+00	0.00E+00	2.27E+01	3.19E-05	2.21E-02	1.66E-01	0.00E+00	-3.54E+00	1.26E-08	2.63E-07	2.44E-01	6.24E+00	2.09E-04	0.00E+00	1.52E+01	4.69E+01	3.75E+01	0.00E+00	3.58E-07	1.20E-07	3.62E-02	1.14E-03	-1.38E+00	0.00E+00	3.75E+01	-4.04E-04	3.75E+01	3.61E+01	-1.38E+00	0.00E+00	0.00E+00	0.00E+00	5.44E+02
	HW2M406FE	4.20E-02	5.14E+01

HW2S316FE	3.43E-02	4.22E+01	2.36E+01	1.86E+01	0.00E+00	0.00E+00	2.09E+01	2.77E-05	1.82E-02	1.37E-01	0.00E+00	-2.89E+00	2.93E-08	2.20E-07	2.03E-01	5.23E+00	2.05E-04	0.00E+00	1.29E+01	3.85E+01	3.16E+01	0.00E+00	3.00E-07	1.02E-07	3.00E-02	9.34E-04	-1.07E+00	0.00E+00	3.16E+01	-3.32E-04	3.16E+01	3.06E+01	-1.07E+00	0.00E+00	0.00E+00	0.00E+00	4.64E+02
HW2S320DB	4.52E-02	7.41E+01	4.37E+01	3.04E+01	0.00E+00	0.00E+00	2.23E+01	2.71E-05	2.51E-02	2.19E-01	0.00E+00	-5.40E+00	1.24E-08	3.17E-07	2.79E-01	5.24E+00	2.59E-04	0.00E+00	1.30E+01	7.14E+01	3.45E+01	0.00E+00	3.51E-07	8.34E-08	4.66E-02	1.73E-03	-4.02E+00	0.00E+00	3.45E+01	-6.20E-04	3.45E+01	3.04E+01	-4.02E+00	0.00E+00	0.00E+00	0.00E+00	4.70E+02
HW2S320DE	4.53E-02	7.43E+01	4.38E+01	3.05E+01	0.00E+00	0.00E+00	2.42E+01	2.76E-05	2.52E-02	2.20E-01	0.00E+00	-5.39E+00	3.00E-08	3.20E-07	2.79E-01	5.24E+00	2.59E-04	0.00E+00	1.31E+01	7.16E+01	3.45E+01	0.00E+00	3.51E-07	8.33E-08	4.67E-02	1.74E-03	-4.03E+00	0.00E+00	3.45E+01	-6.22E-04	3.45E+01	3.05E+01	-4.03E+00	0.00E+00	0.00E+00	0.00E+00	4.70E+02
HW2S320FB	3.42E-02	4.19E+01	2.35E+01	1.85E+01	0.00E+00	0.00E+00	1.90E+01	2.72E-05	1.82E-02	1.36E-01	0.00E+00	-2.90E+00	1.18E-08	2.17E-07	2.03E-01	5.23E+00	2.05E-04	0.00E+00	1.29E+01	3.83E+01	3.16E+01	0.00E+00	3.00E-07	1.02E-07	2.99E-02	9.30E-04	-1.06E+00	0.00E+00	3.16E+01	-3.30E-04	3.16E+01	3.05E+01	-1.06E+00	0.00E+00	0.00E+00	0.00E+00	4.64E+02
HW2S320FE	3.43E-02	4.22E+01	2.36E+01	1.86E+01	0.00E+00	0.00E+00	2.09E+01	2.77E-05	1.82E-02	1.37E-01	0.00E+00	-2.89E+00	2.93E-08	2.20E-07	2.03E-01	5.23E+00	2.05E-04	0.00E+00	1.29E+01	3.85E+01	3.16E+01	0.00E+00	3.00E-07	1.02E-07	3.00E-02	9.34E-04	-1.07E+00	0.00E+00	3.16E+01	-3.32E-04	3.16E+01	3.06E+01	-1.07E+00	0.00E+00	0.00E+00	0.00E+00	4.64E+02
HW2S325DB	4.52E-02	7.41E+01	4.37E+01	3.04E+01	0.00E+00	0.00E+00	2.23E+01	2.71E-05	2.51E-02	2.19E-01	0.00E+00	-5.40E+00	1.24E-08	3.17E-07	2.79E-01	5.24E+00	2.59E-04	0.00E+00	1.30E+01	7.14E+01	3.45E+01	0.00E+00	3.51E-07	8.34E-08	4.66E-02	1.73E-03	-4.02E+00	0.00E+00	3.45E+01	-6.20E-04	3.45E+01	3.04E+01	-4.02E+00	0.00E+00	0.00E+00	0.00E+00	4.70E+02
HW2S325DE	4.53E-02	7.43E+01	4.38E+01	3.05E+01	0.00E+00	0.00E+00	2.42E+01	2.76E-05	2.52E-02	2.20E-01	0.00E+00	-5.39E+00	3.00E-08	3.20E-07	2.79E-01	5.24E+00	2.59E-04	0.00E+00	1.31E+01	7.16E+01	3.45E+01	0.00E+00	3.51E-07	8.33E-08	4.67E-02	1.74E-03	-4.03E+00	0.00E+00	3.45E+01	-6.22E-04	3.45E+01	3.05E+01	-4.03E+00	0.00E+00	0.00E+00	0.00E+00	4.70E+02
HW2S325FB	3.42E-02	4.19E+01	2.35E+01	1.85E+01	0.00E+00	0.00E+00	1.90E+01	2.72E-05	1.82E-02	1.36E-01	0.00E+00	-2.90E+00	1.18E-08	2.17E-07	2.03E-01	5.23E+00	2.05E-04	0.00E+00	1.29E+01	3.83E+01	3.16E+01	0.00E+00	3.00E-07	1.02E-07	2.99E-02	9.30E-04	-1.06E+00	0.00E+00	3.16E+01	-3.30E-04	3.16E+01	3.05E+01	-1.06E+00	0.00E+00	0.00E+00	0.00E+00	4.64E+02
HW2S325FE	3.43E-02	4.22E+01	2.36E+01	1.86E+01	0.00E+00	0.00E+00	2.09E+01	2.77E-05	1.82E-02	1.37E-01	0.00E+00	-2.89E+00	2.93E-08	2.20E-07	2.03E-01	5.23E+00	2.05E-04	0.00E+00	1.29E+01	3.85E+01	3.16E+01	0.00E+00	3.00E-07	1.02E-07	3.00E-02	9.34E-04	-1.07E+00	0.00E+00	3.16E+01	-3.32E-04	3.16E+01	3.06E+01	-1.07E+00	0.00E+00	0.00E+00	0.00E+00	4.64E+02
HW2S406DB	5.48E-02	9.06E+01	5.35E+01	3.71E+01	0.00E+00	0.00E+00	2.68E+01	3.18E-05	3.06E-02	2.67E-01	0.00E+00	-6.62E+00	1.34E-08	3.86E-07	3.37E-01	6.25E+00	2.63E-04	0.00E+00	1.54E+01	8.74E+01	4.10E+01	0.00E+00	4.21E-07	9.74E-08	5.68E-02	2.12E-03	-5.01E+00	0.00E+00	4.10E+01	-7.60E-04	4.10E+01	3.60E+01	-5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.51E+02
HW2S406DE	5.55E-02	9.09E+01	5.36E+01	3.73E+01	0.00E+00	0.00E+00	2.89E+01	3.32E-05	3.10E-02	2.68E-01	0.00E+00	-6.61E+00	3.10E-08	3.93E-07	3.40E-01	6.39E+00	2.63E-04	0.00E+00	1.58E+01	8.75E+01	4.18E+01	0.00E+00	4.27E-07	1.00E-07	5.71E-02	2.12E-03	-4.96E+00	0.00E+00	4.18E+01	-7.61E-04	4.18E+01	3.68E+01	-4.96E+00	0.00E+00	0.00E+00	0.00E+00	5.68E+02
HW2S406FB	4.13E-02	5.12E+01	2.87E+01	2.25E+01	0.00E+00	0.00E+00	2.27E+01	3.19E-05	2.21E-02	1.66E-01	0.00E+00	-3.54E+00	1.26E-08	2.63E-07	2.44E-01	6.24E+00	2.09E-04	0.00E+00	1.52E+01	4.69E+01	3.75E+01	0.00E+00	3.58E-07	1.20E-07	3.62E-02	1.14E-03	-1.38E+00	0.00E+00	3.75E+01	-4.04E-04	3.75E+01	3.61E+01	-1.38E+00	0.00E+00	0.00E+00	0.00E+00	5.44E+02
HW2S406FE	4.20E-02	5.14E+01	2.88E+01	2.26E+01	0.00E+00	0.00E+00	2.48E+01	3.33E-05	2.25E-02	1.67E-01	0.00E+00	-3.53E+00	3.02E-08	2.70E-07	2.47E-01	6.38E+00	2.09E-04	0.00E+00	1.56E+01	4.70E+01	3.83E+01	0.00E+00	3.64E-07	1.23E-07	3.65E-02	1.14E-03	-1.33E+00	0.00E+00	3.83E+01	-4.05E-04	3.83E+01	3.69E+01	-1.33E+00	0.00E+00	0.00E+00	0.00E+00	5.60E+02
HW2S408DB	5.48E-02	9.06E+01	5.35E+01	3.71E+01	0.00E+00	0.00E+00	2.68E+01	3.18E-05	3.06E-02	2.67E-01	0.00E+00	-6.62E+00	1.34E-08	3.86E-07	3.37E-01	6.25E+00	2.63E-04	0.00E+00	1.54E+01	8.74E+01	4.10E+01	0.00E+00	4.21E-07	9.74E-08	5.68E-02	2.12E-03	-5.01E+00	0.00E+00	4.10E+01	-7.60E-04	4.10E+01	3.60E+01	-5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.51E+02
HW2S408DE	5.55E-02	9.09E+01	5.36E+01	3.73E+01	0.00E+00	0.00E+00	2.89E+01	3.32E-05	3.10E-02	2.68E-01	0.00E+00	-6.61E+00	3.10E-08	3.93E-07	3.40E-01	6.39E+00	2.63E-04	0.00E+00	1.58E+01	8.75E+01	4.18E+01	0.00E+00	4.27E-07	1.00E-07	5.71E-02	2.12E-03	-4.96E+00	0.00E+00	4.18E+01	-7.61E-04	4.18E+01	3.68E+01	-4.96E+00	0.00E+00	0.00E+00	0.00E+00	5.68E+02
HW2S408FB	4.13E-02	5.12E+01	2.87E+01	2.25E+01	0.00E+00	0.00E+00	2.27E+01	3.19E-05	2.21E-02	1.66E-01	0.00E+00	-3.54E+00	1.26E-08	2.63E-07	2.44E-01	6.24E+00	2.09E-04	0.00E+00	1.52E+01	4.69E+01	3.75E+01	0.00E+00	3.58E-07	1.20E-07	3.62E-02	1.14E-03	-1.38E+00	0.00E+00	3.75E+01	-4.04E-04	3.75E+01	3.61E+01	-1.38E+00	0.00E+00	0.00E+00	0.00E+00	5.44E+02
HW2S408FE	4.20E-02	5.14E+01	2.88E+01	2.26E+01	0.00E+00	0.00E+00	2.48E+01	3.33E-05	2.25E-02	1.67E-01	0.00E+00	-3.53E+00	3.02E-08	2.70E-07	2.47E-01	6.38E+00	2.09E-04	0.00E+00	1.56E+01	4.70E+01	3.83E+01	0.00E+00	3.64E-07	1.23E-07	3.65E-02	1.14E-03	-1.33E+00	0.00E+00	3.83E+01	-4.05E-04	3.83E+01	3.69E+01	-1.33E+00	0.00E+00	0.00E+00	0.00E+00	5.60E+02
HW2S410DB	5.48E-02	9.06E+01	5.35E+01	3.71E+01	0.00E+00	0.00E+00	2.68E+01	3.18E-05	3.06E-02	2.67E-01	0.00E+00	-6.62E+00	1.34E-08	3.86E-07	3.37E-01	6.25E+00	2.63E-04	0.00E+00	1.54E+01	8.74E+01	4.10E+01	0.00E+00	4.21E-07	9.74E-08	5.68E-02	2.12E-03	-5.01E+00	0.00E+00	4.10E+01	-7.60E-04	4.10E+01	3.60E+01	-5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.51E+02
HW2S410DE	5.55E-02	9.09E+01	5.36E+01	3.73E+01	0.00E+00	0.00E+00	2.89E+01	3.32E-05	3.10E-02	2.68E-01	0.00E+00	-6.61E+00	3.10E-08	3.93E-07	3.40E-01	6.39E+00	2.63E-04	0.00E+00	1.58E+01	8.75E+01	4.18E+01	0.00E+00	4.27E-07	1.00E-07	5.71E-02	2.12E-03	-4.96E+00	0.00E+00	4.18E+01	-7.61E-04	4.18E+01	3.68E+01	-4.96E+00	0.00E+00	0.00E+00	0.00E+00	5.68E+02
HW2S410FB	4.13E-02	5.12E+01	2.87E+01	2.25E+01	0.00E+00	0.00E+00	2.27E+01	3.19E-05	2.21E-02	1.66E-01	0.00E+00	-3.54E+00	1.26E-08	2.63E-07	2.44E-01	6.24E+00	2.09E-04	0.00E+00	1.52E+01	4.69E+01	3.75E+01	0.00E+00	3.58E-07	1.20E-07	3.62E-02	1.14E-03	-1.38E+00	0.00E+00	3.75E+01	-4.04E-04	3.75E+01	3.61E+01	-1.38E+00	0.00E+00	0.00E+00	0.00E+00	5.44E+02
HW2S410FE	4.20E-02	5.14E+01	2.88E+01	2.26E+01	0.00E+00	0.00E+00	2.48E+01	3.33E-05	2.25E-02	1.67E-01	0.00E+00	-3.53E+00	3.02E-08	2.70E-07	2.47E-01	6.38E+00	2.09E-04	0.00E+00	1.56E+01	4.70E+01	3.83E+01	0.00E+00	3.64E-07	1.23E-07	3.65E-02	1.14E-03	-1.33E+00	0.00E+00	3.83E+01	-4.05E-04	3.83E+01	3.69E+01	-1.33E+00	0.00E+00	0.00E+00	0.00E+00	5.60E+02
HW2S412DB	5.48E-02	9.06E+01	5.35E+01	3.71E+01	0.00E+00	0.00E+00	2.68E+01	3.18E-05	3.06E-02	2.67E-01	0.00E+00	-6.62E+00	1.34E-08	3.86E-07	3.37E-01	6.25E+00	2.63E-04	0.00E+00	1.54E+01	8.74E+01	4.10E+01	0.00E+00	4.21E-07	9.74E-08	5.68E-02	2.12E-03	-5.01E+00	0.00E+00	4.10E+01	-7.60E-04	4.10E+01	3.60E+01	-5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.51E+02
HW2S412DE	5.55E-02	9.09E+01	5.36E+01	3.73E+01	0.00E+00	0.00E+00	2.89E+01	3.32E-05	3.10E-02	2.68E-01	0.00E+00	-6.61E+00	3.10E-08	3.93E-07	3.40E-01	6.39E+00	2.63E-04	0.00E+00	1.58E+01	8.75E+01	4.18E+01	0.00E+00	4.27E-07	1.00E-07	5.71E-02	2.12E-03	-4.96E+00	0.00E+00	4.18E+01	-7.61E-04	4.18E+01	3.68E+01	-4.96E+00	0.00E+00	0.00E+00	0.00E+00	5.68E+02
HW2S412FB	4.13E-02	5.12E+01	2.87E+01	2.25E+01	0.00E+00	0.00E+00	2.27E+01	3.19E-05	2.21E-02	1.66E-01	0.00E+00	-3.54E+00	1.26E-08	2.63E-07	2.44E-01	6.24E+00	2.09E-04	0.00E+00	1.52E+01	4.69E+01	3.75E+01	0.00E+00	3.58E-07	1.20E-07	3.62E-02	1.14E-03	-1.38E+00	0.00E+00	3.75E+01	-4.04E-04	3.75E+01	3.61E+01	-1.38E+00	0.00E+00	0.00E+00	0.00E+00	5.44E+02
HW2S412FE	4.20E-02	5.14E+01	2.88E+01	2.26E+01	0.00E+00	0.00E+00	2.48E+01	3.33E-05	2.25E-02	1.67E-01	0.00E+00	-3.53E+00	3.02E-08	2.70E-07	2.47E-01	6.38E+00	2.09E-04	0.00E+00	1.56E+01	4.70E+01	3.83E+01	0.00E+00	3.64E-07	1.23E-07	3.65E-02	1.14E-03	-1.33E+00	0.00E+00	3.83E+01	-4.05E-04	3.83E+01	3.69E+01	-1.33E+00	0.00E+00	0.00E+00	0.00E+00	5.60E+02
HW2S416DB	5.48E-02	9.06E+01	5.35E+01	3.71E+01	0.00E+00	0.00E+00	2.68E+01	3.18E-05	3.06E-02	2.67E-01	0.00E+00	-6.62E+00	1.34E-08	3.86E-07	3.37E-01	6.25E+00	2.63E-04	0.00E+00	1.54E+01	8.74E+01	4.10E+01	0.00E+00	4.21E-07	9.74E-08	5.68E-02	2.12E-03	-5.01E+00	0.00E+00	4.10E+01	-7.60E-04	4.10E+01	3.60E+01	-5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.51E+02
HW2S416DE	5.55E-02	9.09E+01	5.36E+01	3.73E+01	0.00E+00	0.00E+00	2.89E+01	3.32E-05	3.10E-02	2.68E-01	0.00E+00	-6.61E+00	3.10E-08	3.93E-07	3.40E-01	6.39E+00	2.63E-04	0.00E+00	1.58E+01	8.75E+01	4.18E+01	0.00E+00	4.27E-07	1.00E-07	5.71E-02	2.12E-03	-4.96E+00	0.00E+00	4.18E+01	-7.61E-04	4.18E+01	3.68E+01	-4.96E+00	0.00E+00	0.00E+00	0.00E+00	5.68E+02
HW2S416FB	4.13E-02	5.12E+01	2.87E+01	2.25E+01	0.00E+00	0.00E+00	2.27E+01	3.19E-05	2.21E-02	1.66E-01	0.00E+00	-3.54E+00	1.26E-08	2.63E-07	2.44E-01	6.24E+00	2.09E-04	0.00E+00	1.52E+01	4.69E+01	3.75E+01	0.00E+00	3.58E-07	1.20E-07	3.62E-02	1.14E-03	-1.38E+00	0.00E+00	3.75E+01	-4.04E-04	3.75E+01	3.61E+01	-1.38E+00	0.00E+00	0.00E+00	0.00E+00	5.44E+02
HW2S416FE	4.20E-02	5.14E+01	2.88E+01	2.26E+01	0.00E+00	0.00E+00	2.48E+01	3.33E-05	2.25E-02	1.67E-01	0.00E+00	-3.53E+00	3.02E-08	2.70E-07	2.47E-01	6.38E+00	2.09E-04	0.00E+00	1.56E+01	4.70E+01	3.83E+01	0.00E+00	3.64E-07	1.23E-07	3.65E-02	1.14E-03	-1.33E+00	0.00E+00	3.83E+01	-4.05E-04	3.83E+01	3.69E+01	-1.33E+00	0.00E+00	0.00E+00	0.00E+00	5.60E+02
HW2S420DB	5.48E-02	9.06E+01	5.35E+01	3.71E+01	0.00E+00	0.00E+00	2.68E+01	3.18E-05	3.06E-02	2.67E-01	0.00E+00	-6.62E+00	1.34E-08	3.86E-07	3.37E-01	6.25E+00	2.63E-04	0.00E+00	1.54E+01	8.74E+01	4.10E+01	0.00E+00	4.21E-07	9.74E-08	5.68E-02	2.12E-03	-5.01E+00	0.00E+00	4.10E+01	-7.60E-04	4.10E+01	3.60E+01	-5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.51E+02
HW2S420DE	5.55E-02	9.09E+01	5.36E+01	3.73E+01	0.00E+00	0.00E+00	2.89E+01	3.32E-05	3.10E-02	2.68E-01	0.00E+00	-6.61E+00	3.10E-08	3.93E-07	3.40E-01	6.39E+00	2.63E-04	0.00E+00	1.58E+01	8.75E+01	4.18E+01	0.00E+00	4.27E-07	1.00E-07	5.71E-02	2.12E-03	-4.96E+00	0.00E+00	4.18E+01	-7.61E-04	4.18E+01	3.68E+01	-4.96E+00	0.00E+00	0.00E+00	0.00E+00	5.68E+02
HW2S420FB	4.13E-02	5.12E+01	2.87E+01	2.25E+01	0.00E+00	0.00E+00	2.27E+01	3.19E-05	2.21E-02	1.66E-01	0.00E+00	-3.54E+00	1.26E-08	2.63E-07	2.44E-01	6.24E+00	2.09E-04	0.00E+00	1.52E+01	4.69E+01	3.75E+01	0.00E+00	3.58E-07	1.20E-07	3.62E-02	1.14E-03	-1.38E+00	0.00E+00	3.75E+01	-4.04E-04	3.75E+01	3.61E+01	-1.38E+00	0.00E+00	0.00E+00	0.00E+00	5.44E+02
HW2S420FE	4.20E-02	5.14E+01	2.88E+01	2.26E+01	0.00E+00	0.00E+00	2.48E+01	3.33E-05	2.25E-02	1.67E-01	0.00E+00	-3.53E+00	3.02E-08	2.70E-07	2.47E-01	6.38E+00	2.09E-04	0.00E+00	1.56E+01	4.70E+01	3.83E+01	0.00E+00	3.64E-07	1.23E-07	3.65E-02	1.14E-03	-1.33E+00	0.00E+00	3.83E+01	-4.05E-04	3.83E+01	3.69E+01	-1.33E+00	0.00E+00	0.00E+00	0.00E+00	5.60E+02
HW2S425DB	5.48E-02	9.06E+01	5.35E+01	3.71E+01	0.00E+00	0.00E+00	2.68E+01	3.18E-05	3.06E-02	2.67E-01	0.00E+00	-6.62E+00	1.34E-08	3.86E-07	3.37E-01	6.25E+00	2.63E-04	0.00E+00	1.54E+01	8.74E+01	4.10E+01	0.00E+00	4.21E-07	9.74E-08	5.68E-02	2.12E-03	-5.01E+00	0.00E+00	4.10E+01	-7.60E-04	4.10E+01	3.60E+01	-5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.51E+02
HW2S425DE	5.55E-02	9.09E+01	5.36E+01	3.73E+01	0.00E+00	0.00E+00	2.89E+01	3.32E-05	3.10E-02	2.68E-01	0.00E+00	-6.61E+00	3.10E-08	3.93E-07	3.40E-01	6.39E+00	2.63E-04	0.00E+00	1.58E+01	8.75E+01	4.18E+01	0.00E+00	4.27E-07	1.00E-07	5.71E-02	2.12E-03	-4.96E+00	0.00E+00	4.18E+01	-7.61E-04	4.18E+01	3.68E+01	-4.96E+00	0.00E+00	0.00E+00	0.00E+00	5.68E+02
HW2S425FB	4.13E-02	5.12E+01	2.87E+01	2.25E+01	0.00E+00	0.00E+00	2.27E+01	3.19E-05	2.21E-02	1.66E-01	0.00E+00	-3.54E+00	1.26E-08	2.63E-07	2.44E-01	6.24E+00	2.09E-04	0.00E+00	1.52E+01	4.69E+01	3.75E+01	0.00E+00	3.58E-07	1.20E-07	3.62E-02	1.14E-03	-1.38E+00	0.00E+00	3.75E+01	-4.04E-04	3.75E+01	3.61E+01	-1.38E+00	0.00E+00	0.00E+00	0.00E+00	5.44E+02
HW2S425FE	4.20E-02	5.14E+01	2.88E+01	2.26E+01	0.00E+00	0.00E+00	2.48E+01	3.33E-05	2.25E-02	1.67E-01	0.00E+00	-3.53E+00	3.02E-08	2.70E-07	2.47E-01	6.38E+00	2.09E-04	0.00E+00	1.56E+01	4.70E+01	3.83E+01	0.00E+00	3.64E-07	1.23E-07	3.65E-02	1.14E-03	-1.33E+00	0.00E+00	3.83E+01	-4.05E-04	3.83E+01	3.69E+01	-1.33E+00	0.00E+00	0.00E+00	0.00E+00	5.60E+02
HW2W306DS	3.18E-02	7.17E+01	4.29E+01	2.89E+01	0.00E+00	0.00E+00	1.41E+01	1.03E-05	1.74E-02	2.05E-01	0.00E+00	-5.31E+00	2.92E-09	2.32E-07	2.24E-01	2.41E+00	2.24E-04	0.00E+00	5.66E+00	7.01E+01	2.07E+01	0.00E+00	2.42E-07	2.59E-08	4.25E-02	1.70E-03	-5.18E+00	0.00E+00	2.07E+01	-6.13E-04	2.07E+01	1.55E+01	-5.18E+00	0.00E+00	0.00E+00	0.00E+00	1.94E+02
HW2W306FS	2.07E-02	3.96E+01	2.26E+01	1.69E+01	0.00E+00	0.00E+00	1.08E+01	1.04E-05	1.05E-02	1.22E-01	0.00E+00	-2.80E+00	2.26E-09	1.31E-07	1.48E-01	2.40E+00	1.70E-04	0.00E+00	5.52E+00	3.70E+01	1.78E+01	0.00E+00	1.91E-07	4.44E-08	2.57E-02	8.97E-04	-2.21E+00	0.00E+00	1.78E+01	-3.22E-04	1.78E+01	1.56E+01	-2.21E+00	0.00E+00	0.00E+00	0.00E+00	1.88E+02
HW2W308DS	3.35E-02	7.18E+01	4.28E+01	2.90E+01	0.00E+00	0.00E+00	1.49E+01	1.27E-05	1.83E-02	2.06E-01	0.00E+00	-5.30E+00	3.20E-09	2.40E-07	2.31E-01	2.79E+00	2.24E-04	0.00E+00	6.83E+00	7.00E+01	2.28E+01	0.00E+00	2.59E-07	3.54E-08	4.29E-02	1.70E-03	-4.98E+00	0.00E+00	2.28E+01	-6.11E-04	2.28E+01	1.79E+01	-4.98E+00	0.00E+00	0.00E+00	0.00E+00	2.40E+02
HW2W308FS	2.24E-02	3.96E+01	2.26E+01	1.70E+01	0.00E+00	0.00E+00	1.16E+01	1.28E-05	1.13E-02	1.23E-01	0.00E+00	-2.80E+00	2.54E-09	1.40E-07	1.55E-01	2.79E+00	1.70E-04	0.00E+00	6.70E+00	3.69E+01	2.00E+01	0.00E+00	2.08E-07	5.40E-08	2.61E-02	8.94E-04	-2.02E+00	0.00E+00	2.00E+01	-3.20E-04	2.00E+01	1.80E+01	-2.02E+00	0.00E+00	0.00E+00	0.00E+00	2.34E+02
HW2W310DS	3.18E-02	7.17E+01	4.29E+01	2.89E+01	0.00E+00	0.00E+00	1.41E+01	1.03E-05	1.74E-02	2.05E-01	0.00E+00	-5.31E+00	2.92E-09	2.32E-07	2.24E-01	2.41E+00	2.24E-04	0.00E+00	5.66E+00	7.01E+01	2.07E+01	0.00E+00	2.42E-07	2.59E-08	4.25E-02	1.70E-03	-5.18E+00	0.00E+00	2.07E+01	-6.13E-04	2.07E+01	1.55E+01	-5.18E+00	0.00E+00	0.00E+00	0.00E+00	1.94E+02
HW2W310FS	2.07E-02	3.96E+01	2.26E+01	1.69E+01	0.00E+00	0.00E+00	1.08E+01	1.04E-05	1.05E-02	1.22E-01	0.00E+00	-2.80E+00	2.26E-09	1.31E-07	1.48E-01	2.40E+00	1.70E-04	0.00E+00	5.52E+00	3.70E+01	1.78E+01	0.00E+00	1.91E-07	4.44E-08	2.57E-02	8.97E-04	-2.21E+00	0.00E+00	1.78E+01	-3.22E-04	1.78E+01	1.56E+01	-2.21E+00	0.00E+00	0.00E+00	0.00E+00	1.88E+02
HW2W312DS	3.18E-02	7.17E+01	4.29E+01	2.89E+01	0.00E+00	0.00E+00	1.41E+01	1.03E-05	1.74E-02	2.05E-01	0.00E+00	-5.31E+00	2.92E-09	2.32E-07	2.24E-01	2.41E+00	2.24E-04	0.00E+00	5.66E+00	7.01E+01	2.07E+01	0.00E+00	2.42E-07	2.59E-08	4.25E-02	1.70E-03	-5.18E+00	0.00E+00	2.07E+01	-6.13E-04	2.07E+01	1.55E+01	-5.18E+00	0.00E+00	0.00E+00	0.00E+00	1.94E+02
HW2W312FS	2.07E-02	3.96E+01	2.26E+01	1.69E+01	0.00E+00	0.00E+00	1.08E+01	1.04E-05	1.05E-02	1.22E-01	0.00E+00	-2.80E+00	2.26E-09	1.31E-07	1.48E-01	2.40E+00	1.70E-04	0.00E+00	5.52E+00	3.70E+01	1.78E+01	0.00E+00	1.91E-07	4.44E-08	2.57E-02	8.97E-04	-2.21E+00	0.00E+00	1.78E+01	-3.22E-04	1.78E+01	1.56E+01	-2.21E+00	0.00E+00	0.00E+00	0.00E+00	1.88E+02
HW2W316DS	3.18E-02	7.17E+01	4.29E+01	2.89E+01	0.00E+00	0.00E+00	1.41E+01	1.03E-05	1.74E-02	2.05E-01	0.00E+00	-5.31E+00	2.92E-09	2.32E-07	2.24E-01	2.41E+00	2.24E-04	0.00E+00	5.66E+00	7.01E+01	2.07E+01	0.00E+00	2.42E-07	2.59E-08	4.25E-02	1.70E-03	-5.18E+00	0.00E+00	2.07E+01	-6.13E-04	2.07E+01	1.55E+01	-5.18E+00	0.00E+00	0.00E+00	0.00E+00	1.94E+02
HW2W316FS	2.07E-02	3.96E+01	2.26E+01	1.69E+01	0.00E+00	0.00E+00	1.08E+01	1.04E-05

HW4S310FE	3.99E-02	5.23E+01	2.94E+01	2.29E+01	0.00E+00	0.00E+00	2.30E+01	2.99E-05	2.12E-02	1.68E-01	0.00E+00	-3.60E+00	2.98E-08	2.54E-07	2.40E-01	5.85E+00	2.49E-04	0.00E+00	1.41E+01	4.80E+01	3.63E+01	0.00E+00	3.50E-07	1.14E-07	3.66E-02	1.16E-03	-1.67E+00	0.00E+00	3.63E+01	-4.14E-04	3.63E+01	3.46E+01	-1.67E+00	0.00E+00	0.00E+00	0.00E+00	5.06E+02
HW4W416FS	3.42E-02	6.56E+01	3.79E+01	2.76E+01	0.00E+00	0.00E+00	1.61E+01	1.51E-05	1.78E-02	1.99E-01	0.00E+00	-4.70E+00	3.47E-09	2.23E-07	2.35E-01	3.66E+00	2.14E-04	0.00E+00	8.44E+00	6.20E+01	2.74E+01	0.00E+00	2.97E-07	6.50E-08	4.18E-02	1.50E-03	-3.91E+00	0.00E+00	2.74E+01	-5.41E-04	2.74E+01	2.35E+01	-3.91E+00	0.00E+00	0.00E+00	0.00E+00	2.93E+02
HW4W420DS	4.95E-02	1.15E+02	6.91E+01	4.59E+01	0.00E+00	0.00E+00	2.05E+01	1.25E-05	2.76E-02	3.25E-01	0.00E+00	-8.57E+00	4.17E-09	3.68E-07	3.45E-01	3.28E+00	2.68E-04	0.00E+00	7.47E+00	1.13E+02	2.96E+01	0.00E+00	3.59E-07	2.68E-08	6.71E-02	2.74E-03	-8.67E+00	0.00E+00	2.96E+01	-9.90E-04	2.96E+01	2.10E+01	-8.67E+00	0.00E+00	0.00E+00	0.00E+00	2.57E+02
HW4P340FB	7.14E-01	5.72E+01	1.14E+01	4.58E+01	0.00E+00	0.00E+00	5.38E+02	1.02E-03	4.52E-01	4.68E-01	0.00E+00	-1.11E+00	1.05E-07	5.27E-06	2.84E+00	1.57E+02	2.49E-04	0.00E+00	4.29E+02	1.47E+01	6.11E+02	0.00E+00	4.64E-06	2.51E-06	1.54E-01	3.67E-04	7.28E+01	0.00E+00	6.11E+02	-3.58E-05	6.11E+02	6.83E+02	7.28E+01	0.00E+00	0.00E+00	0.00E+00	1.57E+04
HW4P340FE	7.14E-01	5.74E+01	1.16E+01	4.59E+01	0.00E+00	0.00E+00	5.40E+02	1.02E-03	4.52E-01	4.69E-01	0.00E+00	-1.10E+00	1.23E-07	5.27E-06	2.84E+00	1.57E+02	2.49E-04	0.00E+00	4.29E+02	1.49E+01	6.11E+02	0.00E+00	4.64E-06	2.51E-06	1.54E-01	3.67E-04	7.28E+01	0.00E+00	6.11E+02	-3.58E-05	6.11E+02	6.83E+02	7.28E+01	0.00E+00	0.00E+00	0.00E+00	1.57E+04
HW4W420FS	3.42E-02	6.56E+01	3.79E+01	2.76E+01	0.00E+00	0.00E+00	1.61E+01	1.51E-05	1.78E-02	1.99E-01	0.00E+00	-4.70E+00	3.47E-09	2.23E-07	2.35E-01	3.66E+00	2.14E-04	0.00E+00	8.44E+00	6.20E+01	2.74E+01	0.00E+00	2.97E-07	6.50E-08	4.18E-02	1.50E-03	-3.91E+00	0.00E+00	2.74E+01	-5.41E-04	2.74E+01	2.35E+01	-3.91E+00	0.00E+00	0.00E+00	0.00E+00	2.93E+02
HW4W425DS	4.95E-02	1.15E+02	6.91E+01	4.59E+01	0.00E+00	0.00E+00	2.05E+01	1.25E-05	2.76E-02	3.25E-01	0.00E+00	-8.57E+00	4.17E-09	3.68E-07	3.45E-01	3.28E+00	2.68E-04	0.00E+00	7.47E+00	1.13E+02	2.96E+01	0.00E+00	3.59E-07	2.68E-08	6.71E-02	2.74E-03	-8.67E+00	0.00E+00	2.96E+01	-9.90E-04	2.96E+01	2.10E+01	-8.67E+00	0.00E+00	0.00E+00	0.00E+00	2.57E+02
HW4W425FS	3.25E-02	6.55E+01	3.80E+01	2.75E+01	0.00E+00	0.00E+00	1.53E+01	1.27E-05	1.69E-02	1.98E-01	0.00E+00	-4.71E+00	3.19E-09	2.14E-07	2.28E-01	3.27E+00	2.14E-04	0.00E+00	7.26E+00	6.21E+01	2.52E+01	0.00E+00	2.81E-07	5.54E-08	4.13E-02	1.51E-03	-4.10E+00	0.00E+00	2.52E+01	-5.43E-04	2.52E+01	2.11E+01	-4.10E+00	0.00E+00	0.00E+00	0.00E+00	2.47E+02
HW4W432DS	4.95E-02	1.15E+02	6.91E+01	4.59E+01	0.00E+00	0.00E+00	2.05E+01	1.25E-05	2.76E-02	3.25E-01	0.00E+00	-8.57E+00	4.17E-09	3.68E-07	3.45E-01	3.28E+00	2.68E-04	0.00E+00	7.47E+00	1.13E+02	2.96E+01	0.00E+00	3.59E-07	2.68E-08	6.71E-02	2.74E-03	-8.67E+00	0.00E+00	2.96E+01	-9.90E-04	2.96E+01	2.10E+01	-8.67E+00	0.00E+00	0.00E+00	0.00E+00	2.57E+02
HW4W432FS	3.25E-02	6.55E+01	3.80E+01	2.75E+01	0.00E+00	0.00E+00	1.53E+01	1.27E-05	1.69E-02	1.98E-01	0.00E+00	-4.71E+00	3.19E-09	2.14E-07	2.28E-01	3.27E+00	2.14E-04	0.00E+00	7.26E+00	6.21E+01	2.52E+01	0.00E+00	2.81E-07	5.54E-08	4.13E-02	1.51E-03	-4.10E+00	0.00E+00	2.52E+01	-5.43E-04	2.52E+01	2.11E+01	-4.10E+00	0.00E+00	0.00E+00	0.00E+00	2.47E+02
HW4W440DS	4.95E-02	1.15E+02	6.91E+01	4.59E+01	0.00E+00	0.00E+00	2.05E+01	1.25E-05	2.76E-02	3.25E-01	0.00E+00	-8.57E+00	4.17E-09	3.68E-07	3.45E-01	3.28E+00	2.68E-04	0.00E+00	7.47E+00	1.13E+02	2.96E+01	0.00E+00	3.59E-07	2.68E-08	6.71E-02	2.74E-03	-8.67E+00	0.00E+00	2.96E+01	-9.90E-04	2.96E+01	2.10E+01	-8.67E+00	0.00E+00	0.00E+00	0.00E+00	2.57E+02
HW4W440FS	3.25E-02	6.55E+01	3.80E+01	2.75E+01	0.00E+00	0.00E+00	1.53E+01	1.27E-05	1.69E-02	1.98E-01	0.00E+00	-4.71E+00	3.19E-09	2.14E-07	2.28E-01	3.27E+00	2.14E-04	0.00E+00	7.26E+00	6.21E+01	2.52E+01	0.00E+00	2.81E-07	5.54E-08	4.13E-02	1.51E-03	-4.10E+00	0.00E+00	2.52E+01	-5.43E-04	2.52E+01	2.11E+01	-4.10E+00	0.00E+00	0.00E+00	0.00E+00	2.47E+02
HW4P410DB	6.66E-02	1.19E+02	7.07E+01	4.81E+01	0.00E+00	0.00E+00	3.06E+01	3.35E-05	3.74E-02	3.44E-01	0.00E+00	-8.75E+00	1.41E-08	4.78E-07	4.16E-01	6.82E+00	3.07E-04	0.00E+00	1.65E+01	1.16E+02	4.70E+01	0.00E+00	4.97E-07	9.79E-08	7.27E-02	2.80E-03	-7.31E+00	0.00E+00	4.70E+01	-1.01E-03	4.70E+01	3.97E+01	-7.31E+00	0.00E+00	0.00E+00	0.00E+00	5.93E+02
HW4P410DE	6.73E-02	1.19E+02	7.08E+01	4.82E+01	0.00E+00	0.00E+00	3.28E+01	3.49E-05	3.78E-02	3.45E-01	0.00E+00	-8.74E+00	3.18E-08	4.84E-07	4.19E-01	6.96E+00	3.07E-04	0.00E+00	1.70E+01	1.16E+02	4.78E+01	0.00E+00	5.03E-07	1.01E-07	7.29E-02	2.81E-03	-7.26E+00	0.00E+00	4.78E+01	-1.01E-03	4.78E+01	4.05E+01	-7.26E+00	0.00E+00	0.00E+00	0.00E+00	6.09E+02
HW4P410FB	4.78E-02	6.46E+01	3.66E+01	2.79E+01	0.00E+00	0.00E+00	2.50E+01	3.36E-05	2.56E-02	2.05E-01	0.00E+00	-4.52E+00	1.31E-08	3.08E-07	2.87E-01	6.79E+00	2.53E-04	0.00E+00	1.63E+01	5.98E+01	4.22E+01	0.00E+00	4.10E-07	1.29E-07	4.44E-02	1.45E-03	-2.32E+00	0.00E+00	4.22E+01	-5.17E-04	4.22E+01	3.98E+01	-2.32E+00	0.00E+00	0.00E+00	0.00E+00	5.81E+02
HW4P410FE	4.53E-02	6.47E+01	3.68E+01	2.79E+01	0.00E+00	0.00E+00	2.56E+01	3.04E-05	2.43E-02	2.03E-01	0.00E+00	-4.52E+00	3.02E-08	2.96E-07	2.77E-01	6.20E+00	2.53E-04	0.00E+00	1.45E+01	6.01E+01	3.89E+01	0.00E+00	3.86E-07	1.15E-07	4.38E-02	1.46E-03	-2.63E+00	0.00E+00	3.89E+01	-5.21E-04	3.89E+01	3.63E+01	-2.63E+00	0.00E+00	0.00E+00	0.00E+00	5.13E+02
HW4P412DB	6.66E-02	1.19E+02	7.07E+01	4.81E+01	0.00E+00	0.00E+00	3.06E+01	3.35E-05	3.74E-02	3.44E-01	0.00E+00	-8.75E+00	1.41E-08	4.78E-07	4.16E-01	6.82E+00	3.07E-04	0.00E+00	1.65E+01	1.16E+02	4.70E+01	0.00E+00	4.97E-07	9.79E-08	7.27E-02	2.80E-03	-7.31E+00	0.00E+00	4.70E+01	-1.01E-03	4.70E+01	3.97E+01	-7.31E+00	0.00E+00	0.00E+00	0.00E+00	5.93E+02
HW4P412DE	6.73E-02	1.19E+02	7.08E+01	4.82E+01	0.00E+00	0.00E+00	3.28E+01	3.49E-05	3.78E-02	3.45E-01	0.00E+00	-8.74E+00	3.18E-08	4.84E-07	4.19E-01	6.96E+00	3.07E-04	0.00E+00	1.70E+01	1.16E+02	4.78E+01	0.00E+00	5.03E-07	1.01E-07	7.29E-02	2.81E-03	-7.26E+00	0.00E+00	4.78E+01	-1.01E-03	4.78E+01	4.05E+01	-7.26E+00	0.00E+00	0.00E+00	0.00E+00	6.09E+02
HW4P412FB	4.78E-02	6.46E+01	3.66E+01	2.79E+01	0.00E+00	0.00E+00	2.50E+01	3.36E-05	2.56E-02	2.05E-01	0.00E+00	-4.52E+00	1.31E-08	3.08E-07	2.87E-01	6.79E+00	2.53E-04	0.00E+00	1.63E+01	5.98E+01	4.22E+01	0.00E+00	4.10E-07	1.29E-07	4.44E-02	1.45E-03	-2.32E+00	0.00E+00	4.22E+01	-5.17E-04	4.22E+01	3.98E+01	-2.32E+00	0.00E+00	0.00E+00	0.00E+00	5.81E+02
HW4P412FE	4.53E-02	6.47E+01	3.68E+01	2.79E+01	0.00E+00	0.00E+00	2.56E+01	3.04E-05	2.43E-02	2.03E-01	0.00E+00	-4.52E+00	3.02E-08	2.96E-07	2.77E-01	6.20E+00	2.53E-04	0.00E+00	1.45E+01	6.01E+01	3.89E+01	0.00E+00	3.86E-07	1.15E-07	4.38E-02	1.46E-03	-2.63E+00	0.00E+00	3.89E+01	-5.21E-04	3.89E+01	3.63E+01	-2.63E+00	0.00E+00	0.00E+00	0.00E+00	5.13E+02
HW4P416DB	6.66E-02	1.19E+02	7.07E+01	4.81E+01	0.00E+00	0.00E+00	3.06E+01	3.35E-05	3.74E-02	3.44E-01	0.00E+00	-8.75E+00	1.41E-08	4.78E-07	4.16E-01	6.82E+00	3.07E-04	0.00E+00	1.65E+01	1.16E+02	4.70E+01	0.00E+00	4.97E-07	9.79E-08	7.27E-02	2.80E-03	-7.31E+00	0.00E+00	4.70E+01	-1.01E-03	4.70E+01	3.97E+01	-7.31E+00	0.00E+00	0.00E+00	0.00E+00	5.93E+02
HW4P416DE	6.73E-02	1.19E+02	7.08E+01	4.82E+01	0.00E+00	0.00E+00	3.28E+01	3.49E-05	3.78E-02	3.45E-01	0.00E+00	-8.74E+00	3.18E-08	4.84E-07	4.19E-01	6.96E+00	3.07E-04	0.00E+00	1.70E+01	1.16E+02	4.78E+01	0.00E+00	5.03E-07	1.01E-07	7.29E-02	2.81E-03	-7.26E+00	0.00E+00	4.78E+01	-1.01E-03	4.78E+01	4.05E+01	-7.26E+00	0.00E+00	0.00E+00	0.00E+00	6.09E+02
HW4P416FB	4.78E-02	6.46E+01	3.66E+01	2.79E+01	0.00E+00	0.00E+00	2.50E+01	3.36E-05	2.56E-02	2.05E-01	0.00E+00	-4.52E+00	1.31E-08	3.08E-07	2.87E-01	6.79E+00	2.53E-04	0.00E+00	1.63E+01	5.98E+01	4.22E+01	0.00E+00	4.10E-07	1.29E-07	4.44E-02	1.45E-03	-2.32E+00	0.00E+00	4.22E+01	-5.17E-04	4.22E+01	3.98E+01	-2.32E+00	0.00E+00	0.00E+00	0.00E+00	5.81E+02
HW4P416FE	4.53E-02	6.47E+01	3.68E+01	2.79E+01	0.00E+00	0.00E+00	2.56E+01	3.04E-05	2.43E-02	2.03E-01	0.00E+00	-4.52E+00	3.02E-08	2.96E-07	2.77E-01	6.20E+00	2.53E-04	0.00E+00	1.45E+01	6.01E+01	3.89E+01	0.00E+00	3.86E-07	1.15E-07	4.38E-02	1.46E-03	-2.63E+00	0.00E+00	3.89E+01	-5.21E-04	3.89E+01	3.63E+01	-2.63E+00	0.00E+00	0.00E+00	0.00E+00	5.13E+02
HW4P420DB	6.66E-02	1.19E+02	7.07E+01	4.81E+01	0.00E+00	0.00E+00	3.06E+01	3.35E-05	3.74E-02	3.44E-01	0.00E+00	-8.75E+00	1.41E-08	4.78E-07	4.16E-01	6.82E+00	3.07E-04	0.00E+00	1.65E+01	1.16E+02	4.70E+01	0.00E+00	4.97E-07	9.79E-08	7.27E-02	2.80E-03	-7.31E+00	0.00E+00	4.70E+01	-1.01E-03	4.70E+01	3.97E+01	-7.31E+00	0.00E+00	0.00E+00	0.00E+00	5.93E+02
HW4P420DE	6.73E-02	1.19E+02	7.08E+01	4.82E+01	0.00E+00	0.00E+00	3.28E+01	3.49E-05	3.78E-02	3.45E-01	0.00E+00	-8.74E+00	3.18E-08	4.84E-07	4.19E-01	6.96E+00	3.07E-04	0.00E+00	1.70E+01	1.16E+02	4.78E+01	0.00E+00	5.03E-07	1.01E-07	7.29E-02	2.81E-03	-7.26E+00	0.00E+00	4.78E+01	-1.01E-03	4.78E+01	4.05E+01	-7.26E+00	0.00E+00	0.00E+00	0.00E+00	6.09E+02
HW4P420FB	4.78E-02	6.46E+01	3.66E+01	2.79E+01	0.00E+00	0.00E+00	2.50E+01	3.36E-05	2.56E-02	2.05E-01	0.00E+00	-4.52E+00	1.31E-08	3.08E-07	2.87E-01	6.79E+00	2.53E-04	0.00E+00	1.63E+01	5.98E+01	4.22E+01	0.00E+00	4.10E-07	1.29E-07	4.44E-02	1.45E-03	-2.32E+00	0.00E+00	4.22E+01	-5.17E-04	4.22E+01	3.98E+01	-2.32E+00	0.00E+00	0.00E+00	0.00E+00	5.81E+02
HW4P420FE	4.53E-02	6.47E+01	3.68E+01	2.79E+01	0.00E+00	0.00E+00	2.56E+01	3.04E-05	2.43E-02	2.03E-01	0.00E+00	-4.52E+00	3.02E-08	2.96E-07	2.77E-01	6.20E+00	2.53E-04	0.00E+00	1.45E+01	6.01E+01	3.89E+01	0.00E+00	3.86E-07	1.15E-07	4.38E-02	1.46E-03	-2.63E+00	0.00E+00	3.89E+01	-5.21E-04	3.89E+01	3.63E+01	-2.63E+00	0.00E+00	0.00E+00	0.00E+00	5.13E+02
HW4P425DB	6.66E-02	1.19E+02	7.07E+01	4.81E+01	0.00E+00	0.00E+00	3.06E+01	3.35E-05	3.74E-02	3.44E-01	0.00E+00	-8.75E+00	1.41E-08	4.78E-07	4.16E-01	6.82E+00	3.07E-04	0.00E+00	1.65E+01	1.16E+02	4.70E+01	0.00E+00	4.97E-07	9.79E-08	7.27E-02	2.80E-03	-7.31E+00	0.00E+00	4.70E+01	-1.01E-03	4.70E+01	3.97E+01	-7.31E+00	0.00E+00	0.00E+00	0.00E+00	5.93E+02
HW4P425FB	4.78E-02	6.46E+01	3.66E+01	2.79E+01	0.00E+00	0.00E+00	2.50E+01	3.36E-05	2.56E-02	2.05E-01	0.00E+00	-4.52E+00	1.31E-08	3.08E-07	2.87E-01	6.79E+00	2.53E-04	0.00E+00	1.63E+01	5.98E+01	4.22E+01	0.00E+00	4.10E-07	1.29E-07	4.44E-02	1.45E-03	-2.32E+00	0.00E+00	4.22E+01	-5.17E-04	4.22E+01	3.98E+01	-2.32E+00	0.00E+00	0.00E+00	0.00E+00	5.81E+02
HW4P425FE	4.53E-02	6.47E+01	3.68E+01	2.79E+01	0.00E+00	0.00E+00	2.56E+01	3.04E-05	2.43E-02	2.03E-01	0.00E+00	-4.52E+00	3.02E-08	2.96E-07	2.77E-01	6.20E+00	2.53E-04	0.00E+00	1.45E+01	6.01E+01	3.89E+01	0.00E+00	3.86E-07	1.15E-07	4.38E-02	1.46E-03	-2.63E+00	0.00E+00	3.89E+01	-5.21E-04	3.89E+01	3.63E+01	-2.63E+00	0.00E+00	0.00E+00	0.00E+00	5.13E+02
HW4P310FE	3.67E-02	5.22E+01	2.95E+01	2.27E+01	0.00E+00	0.00E+00	2.15E+01	2.51E-05	1.94E-02	1.66E-01	0.00E+00	-3.61E+00	2.93E-08	2.36E-07	2.27E-01	5.13E+00	2.49E-04	0.00E+00	1.20E+01	4.81E+01	3.24E+01	0.00E+00	3.21E-07	9.73E-08	3.57E-02	1.17E-03	-2.03E+00	0.00E+00	3.24E+01	-4.17E-04	3.24E+01	3.03E+01	-2.03E+00	0.00E+00	0.00E+00	0.00E+00	4.22E+02
HW4P312DB	5.51E-02	9.72E+01	5.77E+01	3.95E+01	0.00E+00	0.00E+00	2.58E+01	2.88E-05	3.07E-02	2.84E-01	0.00E+00	-7.13E+00	1.31E-08	3.91E-07	3.46E-01	5.83E+00	3.03E-04	0.00E+00	1.42E+01	9.42E+01	4.02E+01	0.00E+00	4.21E-07	8.78E-08	6.00E-02	2.29E-03	-5.83E+00	0.00E+00	4.02E+01	-8.20E-04	4.02E+01	3.43E+01	-5.83E+00	0.00E+00	0.00E+00	0.00E+00	5.11E+02
HW4P312DE	5.22E-02	9.74E+01	5.79E+01	3.95E+01	0.00E+00	0.00E+00	2.62E+01	2.50E-05	2.92E-02	2.82E-01	0.00E+00	-7.14E+00	3.02E-08	3.77E-07	3.34E-01	5.13E+00	3.03E-04	0.00E+00	1.22E+01	9.46E+01	3.64E+01	0.00E+00	3.93E-07	7.13E-08	5.93E-02	2.29E-03	-6.19E+00	0.00E+00	3.64E+01	-8.25E-04	3.64E+01	3.02E+01	-6.19E+00	0.00E+00	0.00E+00	0.00E+00	4.30E+02
HW4P312FB	3.96E-02	5.20E+01	2.93E+01	2.27E+01	0.00E+00	0.00E+00	2.11E+01	2.90E-05	2.10E-02	1.67E-01	0.00E+00	-3.61E+00	1.22E-08	2.50E-07	2.39E-01	5.82E+00	2.49E-04	0.00E+00	1.40E+01	4.78E+01	3.62E+01	0.00E+00	3.49E-07	1.14E-07	3.64E-02	1.16E-03	-1.66E+00	0.00E+00	3.62E+01	-4.12E-04	3.62E+01	3.45E+01	-1.66E+00	0.00E+00	0.00E+00	0.00E+00	5.03E+02
HW4P312FE	3.67E-02	5.22E+01	2.95E+01	2.27E+01	0.00E+00	0.00E+00	2.15E+01	2.51E-05	1.94E-02	1.66E-01	0.00E+00	-3.61E+00	2.93E-08	2.36E-07	2.27E-01	5.13E+00	2.49E-04	0.00E+00	1.20E+01	4.81E+01	3.24E+01	0.00E+00	3.21E-07	9.73E-08	3.57E-02	1.17E-03	-2.03E+00	0.00E+00	3.24E+01	-4.17E-04	3.24E+01	3.03E+01	-2.03E+00	0.00E+00	0.00E+00	0.00E+00	4.22E+02
HW4P320DB	5.51E-02	9.72E+01	5.77E+01	3.95E+01	0.00E+00	0.00E+00	2.58E+01	2.88E-05	3.07E-02	2.84E-01	0.00E+00	-7.13E+00	1.31E-08	3.91E-07	3.46E-01	5.83E+00	3.03E-04	0.00E+00	1.42E+01	9.42E+01	4.02E+01	0.00E+00	4.21E-07	8.78E-08	6.00E-02	2.29E-03	-5.83E+00	0.00E+00	4.02E+01	-8.20E-04	4.02E+01	3.43E+01	-5.83E+00	0.00E+00	0.00E+00	0.00E+00	5.11E+02
HW4P320DE	5.22E-02	9.74E+01	5.79E+01	3.95E+01	0.00E+00	0.00E+00	2.62E+01	2.50E-05	2.92E-02	2.82E-01	0.00E+00	-7.14E+00	3.02E-08	3.77E-07	3.34E-01	5.13E+00	3.03E-04	0.00E+00	1.22E+01	9.46E+01	3.64E+01	0.00E+00	3.93E-07	7.13E-08	5.93E-02	2.29E-03	-6.19E+00	0.00E+00	3.64E+01	-8.25E-04	3.64E+01	3.02E+01	-6.19E+00	0.00E+00	0.00E+00	0.00E+00	4.30E+02
HW4P320FB	3.96E-02	5.20E+01	2.93E+01	2.27E+01	0.00E+00	0.00E+00	2.11E+01	2.90E-05	2.10E-02	1.67E-01	0.00E+00	-3.61E+00	1.22E-08	2.50E-07	2.39E-01	5.82E+00	2.49E-04	0.00E+00	1.40E+01	4.78E+01	3.62E+01	0.00E+00	3.49E-07	1.14E-07	3.64E-02	1.16E-03	-1.66E+00	0.00E+00	3.62E+01	-4.12E-04	3.62E+01	3.45E+01	-1.66E+00	0.00E+00	0.00E+00	0.00E+00	5.03E+02
HW4P320FE	3.67E-02	5.22E+01	2.95E+01	2.27E+01	0.00E+00	0.00E+00	2.15E+01	2.51E-05	1.94E-02	1.66E-01	0.00E+00	-3.61E+00	2.93E-08	2.36E-07	2.27E-01	5.13E+00	2.49E-04	0.00E+00	1.20E+01	4.81E+01	3.24E+01	0.00E+00	3.21E-07	9.73E-08	3.57E-02	1.17E-03	-2.03E+00	0.00E+00	3.24E+01	-4.17E-04	3.24E+01	3.03E+01	-2.03E+00	0.00E+00	0.00E+00	0.00E+00	4.22E+02
HW4S432FE	9.31E-01	7.20E+01	1.48E+01	5.71E+01	0.00E+00	0.00E+00	6.66E+02	1.25E-03	5.98E-01	5.84E-01	0.00E+00	-1.43E+00	1.44E-07	6.90E-06	3.49E+00	1.99E+02	2.53E-04	0.00E+00	5.30E+02	1.93E+01	7.48E+02	0.00E+00	5.71E-06	3.12E-06	1.93E-01	4.74E-04	9.03E+01	0.00E+00	7.48E+02	-6.18E-05	7.48E+02	8.39E+02	9.03E+01	0.00E+00	0.00E+00	0.00E+00	1.94E+04
HW4S440DB	2.52E+00	1.39E+02	2.43E+01	1.15E+02	0.00E+00	0.00E+00	1.48E+03	2.76E-03	1.69E+00	1.24E+00	0.00E+00	-2.09E+00	2.76E-07	1.89E-05	7.41E+00	4.88E+02	3.07E-04	0.00E+00	1.24E+03	2.79E+01	1.65E+03	0.00E+00	1.26E-05	7.33E-06	4.42E-01	6.85E-04	2.13E+02	0.00E+00	1.65E+03	-4.51E-05	1.65E+03	1.87E+03	2.13E+02	0.00E+00	0.00E+00	0.00E+00	4.58E+04
HW4S440DE	2.52E+00	1.39E+02	2.44E+01	1.15E+02	0.00E+00	0.00E+00	1.49E+03	2.76E-03	1.69E+00	1.24E+00	0.00E+00	-2.08E+00	2.93E-07	1.89E-05	7.41E+00	4.88E+02	3.07E-04	0.00E+00	1.24E+03	2.79E+01	1.65E+03	0.00E+00	1.26E-05	7.33E-06	4.42E-01	6.89E-04	2.13E+02	0.00E+00	1.65E+03	-4.62E-05	1.65E+03	1.87E+03	2.13E+02	0.00E+00	0.00E+00	0.00E+00	4.58E+04
HW4S440FB	9.30E-01	7.17E+01	1.47E+01	5.70E+01	0.00E+00	0.00E+00	6.64E+02	1.25E-03	5.98E-01	5.83E-01	0.00E+00	-1.44E+00	1.28E-07	6.89E-06	3.48E+00	1.98E+02	2.53E-04	0.00E+00	5.30E+02	1.91E+01	7.48E+02	0.00E+00	5.70E-06	3.12E-06	1.93E-01	4.70E-04	9.03E+01	0.00E+00	7.48E+02	-6.07E-05	7.48E+02	8.38E+02	9.03E+01	0.00E+00	0.00E+00	0.00E+00	1.94E+04
HW4S440FE	9.31E-01	7.20E+01	1.48E+01	5.71E+01	0.00E+00	0.00E+00	6.66E+02	1.25E-03	5.98E-01	5.84E-01	0.00E+00	-1.43E+00	1.44E-07	6.90E-06	3.49E+00	1.99E+02	2.53E-04	0.00E+00	5.30E+02	1.93E+01	7.48E+02	0.00E+00	5.71E-06	3.12E-06	1.93E-01	4.74E-04	9.03E+01	0.00E+00	7.48E+02	-6.18E-05	7.48E+02	8.39E+02	9.03E+01	0.00E+00	0.00E+00	0.00E+00	1.94E+04
HW4W310DS	4.03E-02	9.25E+01	5.55E+01	3.70E+01	0.00E+00	0.00E+00	1.70E+01	1.11E-05	2.23E-02	2.62E-01	0.00E+00	-6.88E+00	3.53E-09	2.97E-07	2.82E-01	2.80E+00	2.68E-04	0.00E+00	6.45E+00	9.07E+01	2.48E+01	0.00E+00	2.97E-07	2.56E-08	5.42E-02	2.20E-03	-6.87E+00	0.00E+00	2.48E+01	-7.95E-04	2.48E+01	1.79E+01	-6.87E+00	0.00E+00	0.00E+00	0.00E+00	2.21E+02
HW4W310FS	2.53E-02	4.89E+01	2.81E+01	2.08E+01	0.00E+00	0.00E+00	1.25E+01	1.13E-05

HW4S416FE	4.53E-02	6.47E+01	3.68E+01	2.79E+01	0.00E+00	0.00E+00	2.56E+01	3.04E-05	2.43E-02	2.03E-01	0.00E+00	-4.52E+00	3.02E-08	2.96E-07	2.77E-01	6.20E+00	2.53E-04	0.00E+00	1.45E+01	6.01E+01	3.89E+01	0.00E+00	3.86E-07	1.15E-07	4.38E-02	1.46E-03	-2.63E+00	0.00E+00	3.89E+01	-5.21E-04	3.89E+01	3.63E+01	-2.63E+00	0.00E+00	0.00E+00	0.00E+00	5.13E+02
HW4S420DB	6.66E-02	1.19E+02	7.07E+01	4.81E+01	0.00E+00	0.00E+00	3.06E+01	3.35E-05	3.74E-02	3.44E-01	0.00E+00	-8.75E+00	1.41E-08	4.78E-07	4.16E-01	6.82E+00	3.07E-04	0.00E+00	1.65E+01	1.16E+02	4.70E+01	0.00E+00	4.97E-07	9.79E-08	7.27E-02	2.80E-03	-7.31E+00	0.00E+00	4.70E+01	-1.01E-03	4.70E+01	3.97E+01	-7.31E+00	0.00E+00	0.00E+00	0.00E+00	5.93E+02
HW4S420DE	6.73E-02	1.19E+02	7.08E+01	4.82E+01	0.00E+00	0.00E+00	3.28E+01	3.49E-05	3.78E-02	3.45E-01	0.00E+00	-8.74E+00	3.18E-08	4.84E-07	4.19E-01	6.96E+00	3.07E-04	0.00E+00	1.70E+01	1.16E+02	4.78E+01	0.00E+00	5.03E-07	1.01E-07	7.29E-02	2.81E-03	-7.26E+00	0.00E+00	4.78E+01	-1.01E-03	4.78E+01	4.05E+01	-7.26E+00	0.00E+00	0.00E+00	0.00E+00	6.09E+02
HW4S420FB	4.78E-02	6.46E+01	3.66E+01	2.79E+01	0.00E+00	0.00E+00	2.50E+01	3.36E-05	2.56E-02	2.05E-01	0.00E+00	-4.52E+00	1.31E-08	3.08E-07	2.87E-01	6.79E+00	2.53E-04	0.00E+00	1.63E+01	5.98E+01	4.22E+01	0.00E+00	4.10E-07	1.29E-07	4.44E-02	1.45E-03	-2.32E+00	0.00E+00	4.22E+01	-5.17E-04	4.22E+01	3.98E+01	-2.32E+00	0.00E+00	0.00E+00	0.00E+00	5.81E+02
HW4S420FE	4.53E-02	6.47E+01	3.68E+01	2.79E+01	0.00E+00	0.00E+00	2.56E+01	3.04E-05	2.43E-02	2.03E-01	0.00E+00	-4.52E+00	3.02E-08	2.96E-07	2.77E-01	6.20E+00	2.53E-04	0.00E+00	1.45E+01	6.01E+01	3.89E+01	0.00E+00	3.86E-07	1.15E-07	4.38E-02	1.46E-03	-2.63E+00	0.00E+00	3.89E+01	-5.21E-04	3.89E+01	3.63E+01	-2.63E+00	0.00E+00	0.00E+00	0.00E+00	5.13E+02
HW4S425DB	6.66E-02	1.19E+02	7.07E+01	4.81E+01	0.00E+00	0.00E+00	3.06E+01	3.35E-05	3.74E-02	3.44E-01	0.00E+00	-8.75E+00	1.41E-08	4.78E-07	4.16E-01	6.82E+00	3.07E-04	0.00E+00	1.65E+01	1.16E+02	4.70E+01	0.00E+00	4.97E-07	9.79E-08	7.27E-02	2.80E-03	-7.31E+00	0.00E+00	4.70E+01	-1.01E-03	4.70E+01	3.97E+01	-7.31E+00	0.00E+00	0.00E+00	0.00E+00	5.93E+02
HW4S425DE	6.72E-02	1.19E+02	7.08E+01	4.82E+01	0.00E+00	0.00E+00	3.27E+01	3.49E-05	3.78E-02	3.45E-01	0.00E+00	-8.74E+00	3.18E-08	4.84E-07	4.18E-01	6.95E+00	3.07E-04	0.00E+00	1.69E+01	1.16E+02	4.77E+01	0.00E+00	5.02E-07	1.01E-07	7.29E-02	2.81E-03	-7.26E+00	0.00E+00	4.77E+01	-1.01E-03	4.77E+01	4.05E+01	-7.26E+00	0.00E+00	0.00E+00	0.00E+00	6.08E+02
HW4S425FB	4.78E-02	6.46E+01	3.66E+01	2.79E+01	0.00E+00	0.00E+00	2.50E+01	3.36E-05	2.56E-02	2.05E-01	0.00E+00	-4.52E+00	1.31E-08	3.08E-07	2.87E-01	6.79E+00	2.53E-04	0.00E+00	1.63E+01	5.98E+01	4.22E+01	0.00E+00	4.10E-07	1.29E-07	4.44E-02	1.45E-03	-2.32E+00	0.00E+00	4.22E+01	-5.17E-04	4.22E+01	3.98E+01	-2.32E+00	0.00E+00	0.00E+00	0.00E+00	5.81E+02
HW4S425FE	4.53E-02	6.47E+01	3.68E+01	2.79E+01	0.00E+00	0.00E+00	2.56E+01	3.04E-05	2.43E-02	2.03E-01	0.00E+00	-4.52E+00	3.02E-08	2.96E-07	2.77E-01	6.20E+00	2.53E-04	0.00E+00	1.45E+01	6.01E+01	3.89E+01	0.00E+00	3.86E-07	1.15E-07	4.38E-02	1.46E-03	-2.63E+00	0.00E+00	3.89E+01	-5.21E-04	3.89E+01	3.63E+01	-2.63E+00	0.00E+00	0.00E+00	0.00E+00	5.13E+02
HW4S432DB	2.52E+00	1.39E+02	2.43E+01	1.15E+02	0.00E+00	0.00E+00	1.48E+03	2.76E-03	1.69E+00	1.24E+00	0.00E+00	-2.09E+00	2.76E-07	1.89E-05	7.41E+00	4.88E+02	3.07E-04	0.00E+00	1.24E+03	2.78E+01	1.65E+03	0.00E+00	1.26E-05	7.33E-06	4.42E-01	6.85E-04	2.13E+02	0.00E+00	1.65E+03	-4.51E-05	1.65E+03	1.87E+03	2.13E+02	0.00E+00	0.00E+00	0.00E+00	4.58E+04
HW4S432DE	2.52E+00	1.39E+02	2.44E+01	1.15E+02	0.00E+00	0.00E+00	1.49E+03	2.76E-03	1.69E+00	1.24E+00	0.00E+00	-2.08E+00	2.93E-07	1.89E-05	7.41E+00	4.88E+02	3.07E-04	0.00E+00	1.24E+03	2.79E+01	1.65E+03	0.00E+00	1.26E-05	7.33E-06	4.43E-01	6.89E-04	2.13E+02	0.00E+00	1.65E+03	-4.62E-05	1.65E+03	1.87E+03	2.13E+02	0.00E+00	0.00E+00	0.00E+00	4.58E+04
HW4E432DB	2.52E+00	1.39E+02	2.43E+01	1.15E+02	0.00E+00	0.00E+00	1.48E+03	2.76E-03	1.69E+00	1.24E+00	0.00E+00	-2.09E+00	2.76E-07	1.89E-05	7.41E+00	4.88E+02	3.07E-04	0.00E+00	1.24E+03	2.78E+01	1.65E+03	0.00E+00	1.26E-05	7.33E-06	4.42E-01	6.85E-04	2.13E+02	0.00E+00	1.65E+03	-4.51E-05	1.65E+03	1.87E+03	2.13E+02	0.00E+00	0.00E+00	0.00E+00	4.58E+04
HW4E432DE	2.52E+00	1.39E+02	2.44E+01	1.15E+02	0.00E+00	0.00E+00	1.49E+03	2.76E-03	1.69E+00	1.24E+00	0.00E+00	-2.08E+00	2.93E-07	1.89E-05	7.41E+00	4.88E+02	3.07E-04	0.00E+00	1.24E+03	2.79E+01	1.65E+03	0.00E+00	1.26E-05	7.33E-06	4.43E-01	6.89E-04	2.13E+02	0.00E+00	1.65E+03	-4.62E-05	1.65E+03	1.87E+03	2.13E+02	0.00E+00	0.00E+00	0.00E+00	4.58E+04
HW4E432FB	9.30E-01	7.17E+01	1.47E+01	5.70E+01	0.00E+00	0.00E+00	6.64E+02	1.25E-03	5.98E-01	5.83E-01	0.00E+00	-1.44E+00	1.26E-07	6.89E-06	3.48E+00	1.98E+02	2.53E-04	0.00E+00	5.30E+02	1.91E+01	7.48E+02	0.00E+00	5.70E-06	3.12E-06	1.93E-01	4.70E-04	9.03E+01	0.00E+00	7.48E+02	-6.07E-05	7.48E+02	8.38E+02	9.03E+01	0.00E+00	0.00E+00	0.00E+00	1.94E+04
HW4E432FE	9.31E-01	7.20E+01	1.48E+01	5.71E+01	0.00E+00	0.00E+00	6.66E+02	1.25E-03	5.98E-01	5.84E-01	0.00E+00	-1.43E+00	1.44E-07	6.90E-06	3.49E+00	1.99E+02	2.53E-04	0.00E+00	5.30E+02	1.93E+01	7.48E+02	0.00E+00	5.71E-06	3.12E-06	1.93E-01	4.74E-04	9.03E+01	0.00E+00	7.48E+02	-6.18E-05	7.48E+02	8.39E+02	9.03E+01	0.00E+00	0.00E+00	0.00E+00	1.94E+04
HW4E440DB	2.52E+00	1.39E+02	2.43E+01	1.15E+02	0.00E+00	0.00E+00	1.48E+03	2.76E-03	1.69E+00	1.24E+00	0.00E+00	-2.09E+00	2.76E-07	1.89E-05	7.41E+00	4.88E+02	3.07E-04	0.00E+00	1.24E+03	2.78E+01	1.65E+03	0.00E+00	1.26E-05	7.33E-06	4.42E-01	6.85E-04	2.13E+02	0.00E+00	1.65E+03	-4.51E-05	1.65E+03	1.87E+03	2.13E+02	0.00E+00	0.00E+00	0.00E+00	4.58E+04
HW4E440DE	2.52E+00	1.39E+02	2.44E+01	1.15E+02	0.00E+00	0.00E+00	1.49E+03	2.76E-03	1.69E+00	1.24E+00	0.00E+00	-2.08E+00	2.93E-07	1.89E-05	7.41E+00	4.88E+02	3.07E-04	0.00E+00	1.24E+03	2.79E+01	1.65E+03	0.00E+00	1.26E-05	7.33E-06	4.43E-01	6.89E-04	2.13E+02	0.00E+00	1.65E+03	-4.62E-05	1.65E+03	1.87E+03	2.13E+02	0.00E+00	0.00E+00	0.00E+00	4.58E+04
HW4E440FB	9.30E-01	7.17E+01	1.47E+01	5.70E+01	0.00E+00	0.00E+00	6.64E+02	1.25E-03	5.98E-01	5.83E-01	0.00E+00	-1.44E+00	1.26E-07	6.89E-06	3.48E+00	1.98E+02	2.53E-04	0.00E+00	5.30E+02	1.91E+01	7.48E+02	0.00E+00	5.70E-06	3.12E-06	1.93E-01	4.70E-04	9.03E+01	0.00E+00	7.48E+02	-6.07E-05	7.48E+02	8.38E+02	9.03E+01	0.00E+00	0.00E+00	0.00E+00	1.94E+04
HW4E440FE	9.31E-01	7.20E+01	1.48E+01	5.71E+01	0.00E+00	0.00E+00	6.66E+02	1.25E-03	5.98E-01	5.84E-01	0.00E+00	-1.43E+00	1.44E-07	6.90E-06	3.49E+00	1.99E+02	2.53E-04	0.00E+00	5.30E+02	1.93E+01	7.48E+02	0.00E+00	5.71E-06	3.12E-06	1.93E-01	4.74E-04	9.03E+01	0.00E+00	7.48E+02	-6.18E-05	7.48E+02	8.39E+02	9.03E+01	0.00E+00	0.00E+00	0.00E+00	1.94E+04
HW4P310DB	5.51E-02	9.72E+01	5.77E+01	3.95E+01	0.00E+00	0.00E+00	2.58E+01	2.88E-05	3.07E-02	2.84E-01	0.00E+00	-7.13E+00	1.31E-08	3.91E-07	3.46E-01	5.83E+00	3.03E-04	0.00E+00	1.42E+01	9.42E+01	4.02E+01	0.00E+00	4.21E-07	8.78E-08	6.00E-02	2.29E-03	-5.83E+00	0.00E+00	4.02E+01	-8.20E-04	4.02E+01	3.43E+01	-5.83E+00	0.00E+00	0.00E+00	0.00E+00	5.11E+02
HW4P310DE	5.22E-02	9.74E+01	5.79E+01	3.95E+01	0.00E+00	0.00E+00	2.62E+01	2.50E-05	2.92E-02	2.82E-01	0.00E+00	-7.14E+00	3.02E-08	3.77E-07	3.34E-01	5.13E+00	3.03E-04	0.00E+00	1.22E+01	9.46E+01	3.64E+01	0.00E+00	3.93E-07	7.13E-08	5.93E-02	2.29E-03	-6.19E+00	0.00E+00	3.64E+01	-8.25E-04	3.64E+01	3.02E+01	-6.19E+00	0.00E+00	0.00E+00	0.00E+00	4.30E+02
HW4P310FB	3.96E-02	5.20E+01	2.93E+01	2.27E+01	0.00E+00	0.00E+00	2.11E+01	2.90E-05	2.10E-02	1.67E-01	0.00E+00	-3.61E+00	1.22E-08	2.50E-07	2.39E-01	5.82E+00	2.49E-04	0.00E+00	1.40E+01	4.78E+01	3.62E+01	0.00E+00	3.49E-07	1.14E-07	3.64E-02	1.16E-03	-1.66E+00	0.00E+00	3.62E+01	-4.12E-04	3.62E+01	3.45E+01	-1.66E+00	0.00E+00	0.00E+00	0.00E+00	5.03E+02
HW4P320DB	5.51E-02	9.72E+01	5.77E+01	3.95E+01	0.00E+00	0.00E+00	2.58E+01	2.88E-05	3.07E-02	2.84E-01	0.00E+00	-7.13E+00	1.31E-08	3.91E-07	3.46E-01	5.83E+00	3.03E-04	0.00E+00	1.42E+01	9.42E+01	4.02E+01	0.00E+00	4.21E-07	8.78E-08	6.00E-02	2.29E-03	-5.83E+00	0.00E+00	4.02E+01	-8.20E-04	4.02E+01	3.43E+01	-5.83E+00	0.00E+00	0.00E+00	0.00E+00	5.11E+02
HW4P320DE	5.22E-02	9.74E+01	5.79E+01	3.95E+01	0.00E+00	0.00E+00	2.62E+01	2.50E-05	2.92E-02	2.82E-01	0.00E+00	-7.14E+00	3.02E-08	3.77E-07	3.34E-01	5.13E+00	3.03E-04	0.00E+00	1.22E+01	9.46E+01	3.64E+01	0.00E+00	3.93E-07	7.13E-08	5.93E-02	2.29E-03	-6.19E+00	0.00E+00	3.64E+01	-8.25E-04	3.64E+01	3.02E+01	-6.19E+00	0.00E+00	0.00E+00	0.00E+00	4.30E+02
HW4P320FB	3.96E-02	5.20E+01	2.93E+01	2.27E+01	0.00E+00	0.00E+00	2.11E+01	2.90E-05	2.10E-02	1.67E-01	0.00E+00	-3.61E+00	1.22E-08	2.50E-07	2.39E-01	5.82E+00	2.49E-04	0.00E+00	1.40E+01	4.78E+01	3.62E+01	0.00E+00	3.49E-07	1.14E-07	3.64E-02	1.16E-03	-1.66E+00	0.00E+00	3.62E+01	-4.12E-04	3.62E+01	3.45E+01	-1.66E+00	0.00E+00	0.00E+00	0.00E+00	5.03E+02
HW4P320FE	3.67E-02	5.22E+01	2.95E+01	2.27E+01	0.00E+00	0.00E+00	2.15E+01	2.51E-05	1.94E-02	1.66E-01	0.00E+00	-3.61E+00	2.93E-08	2.36E-07	2.27E-01	5.13E+00	2.49E-04	0.00E+00	1.20E+01	4.81E+01	3.24E+01	0.00E+00	3.21E-07	9.73E-08	3.57E-02	1.17E-03	-2.03E+00	0.00E+00	3.24E+01	-4.17E-04	3.24E+01	3.03E+01	-2.03E+00	0.00E+00	0.00E+00	0.00E+00	4.22E+02
HW4S325DB	5.51E-02	9.72E+01	5.77E+01	3.95E+01	0.00E+00	0.00E+00	2.58E+01	2.88E-05	3.07E-02	2.84E-01	0.00E+00	-7.13E+00	1.31E-08	3.91E-07	3.46E-01	5.83E+00	3.03E-04	0.00E+00	1.42E+01	9.42E+01	4.02E+01	0.00E+00	4.21E-07	8.78E-08	6.00E-02	2.29E-03	-5.83E+00	0.00E+00	4.02E+01	-8.20E-04	4.02E+01	3.43E+01	-5.83E+00	0.00E+00	0.00E+00	0.00E+00	5.11E+02
HW4S325DE	5.22E-02	9.74E+01	5.79E+01	3.95E+01	0.00E+00	0.00E+00	2.62E+01	2.50E-05	2.92E-02	2.82E-01	0.00E+00	-7.14E+00	3.02E-08	3.77E-07	3.34E-01	5.13E+00	3.03E-04	0.00E+00	1.22E+01	9.46E+01	3.64E+01	0.00E+00	3.93E-07	7.13E-08	5.93E-02	2.29E-03	-6.19E+00	0.00E+00	3.64E+01	-8.25E-04	3.64E+01	3.02E+01	-6.19E+00	0.00E+00	0.00E+00	0.00E+00	4.30E+02
HW4S325FB	3.96E-02	5.20E+01	2.93E+01	2.27E+01	0.00E+00	0.00E+00	2.11E+01	2.90E-05	2.10E-02	1.67E-01	0.00E+00	-3.61E+00	1.22E-08	2.50E-07	2.39E-01	5.82E+00	2.49E-04	0.00E+00	1.40E+01	4.78E+01	3.62E+01	0.00E+00	3.49E-07	1.14E-07	3.64E-02	1.16E-03	-1.66E+00	0.00E+00	3.62E+01	-4.12E-04	3.62E+01	3.45E+01	-1.66E+00	0.00E+00	0.00E+00	0.00E+00	5.03E+02
HW4S325FE	3.67E-02	5.22E+01	2.95E+01	2.27E+01	0.00E+00	0.00E+00	2.15E+01	2.51E-05	1.94E-02	1.66E-01	0.00E+00	-3.61E+00	2.93E-08	2.36E-07	2.27E-01	5.13E+00	2.49E-04	0.00E+00	1.20E+01	4.81E+01	3.24E+01	0.00E+00	3.21E-07	9.73E-08	3.57E-02	1.17E-03	-2.03E+00	0.00E+00	3.24E+01	-4.17E-04	3.24E+01	3.03E+01	-2.03E+00	0.00E+00	0.00E+00	0.00E+00	4.22E+02
HW4S332DB	1.92E+00	1.11E+02	1.89E+01	9.22E+01	0.00E+00	0.00E+00	1.19E+03	2.22E-03	1.27E+00	9.85E-01	0.00E+00	-1.62E+00	2.21E-07	1.44E-05	5.96E+00	3.80E+02	3.03E-04	0.00E+00	9.80E+02	2.15E+01	1.33E+03	0.00E+00	1.01E-05	5.78E-06	3.48E-01	5.30E-04	1.68E+02	0.00E+00	1.33E+03	-1.93E-05	1.33E+03	1.49E+03	1.68E+02	0.00E+00	0.00E+00	0.00E+00	3.61E+04
HW4S332DE	1.92E+00	1.11E+02	1.90E+01	9.23E+01	0.00E+00	0.00E+00	1.19E+03	2.22E-03	1.27E+00	9.86E-01	0.00E+00	-1.61E+00	2.39E-07	1.44E-05	5.96E+00	3.80E+02	3.03E-04	0.00E+00	9.80E+02	2.16E+01	1.33E+03	0.00E+00	1.01E-05	5.78E-06	3.48E-01	5.35E-04	1.68E+02	0.00E+00	1.33E+03	-2.10E-05	1.33E+03	1.49E+03	1.68E+02	0.00E+00	0.00E+00	0.00E+00	3.61E+04
HW4S332FB	7.14E-01	5.72E+01	1.14E+01	4.58E+01	0.00E+00	0.00E+00	5.38E+02	1.02E-03	4.52E-01	4.68E-01	0.00E+00	-1.11E+00	1.05E-07	5.27E-06	2.84E+00	1.57E+02	2.49E-04	0.00E+00	4.29E+02	1.47E+01	6.11E+02	0.00E+00	4.64E-06	2.51E-06	1.54E-01	3.62E-04	7.28E+01	0.00E+00	6.11E+02	-3.41E-05	6.11E+02	6.83E+02	7.28E+01	0.00E+00	0.00E+00	0.00E+00	1.57E+04
HW4S332FE	7.14E-01	5.74E+01	1.16E+01	4.59E+01	0.00E+00	0.00E+00	5.40E+02	1.02E-03	4.52E-01	4.69E-01	0.00E+00	-1.10E+00	1.23E-07	5.27E-06	2.84E+00	1.57E+02	2.49E-04	0.00E+00	4.29E+02	1.49E+01	6.11E+02	0.00E+00	4.64E-06	2.51E-06	1.54E-01	3.67E-04	7.28E+01	0.00E+00	6.11E+02	-3.58E-05	6.11E+02	6.83E+02	7.28E+01	0.00E+00	0.00E+00	0.00E+00	1.57E+04
HW4S340DB	1.92E+00	1.11E+02	1.89E+01	9.22E+01	0.00E+00	0.00E+00	1.19E+03	2.22E-03	1.27E+00	9.85E-01	0.00E+00	-1.62E+00	2.21E-07	1.44E-05	5.96E+00	3.80E+02	3.03E-04	0.00E+00	9.80E+02	2.15E+01	1.33E+03	0.00E+00	1.01E-05	5.78E-06	3.48E-01	5.30E-04	1.68E+02	0.00E+00	1.33E+03	-1.93E-05	1.33E+03	1.49E+03	1.68E+02	0.00E+00	0.00E+00	0.00E+00	3.61E+04
HW4S340DE	1.92E+00	1.11E+02	1.90E+01	9.23E+01	0.00E+00	0.00E+00	1.19E+03	2.22E-03	1.27E+00	9.86E-01	0.00E+00	-1.61E+00	2.39E-07	1.44E-05	5.96E+00	3.80E+02	3.03E-04	0.00E+00	9.80E+02	2.16E+01	1.33E+03	0.00E+00	1.01E-05	5.78E-06	3.48E-01	5.35E-04	1.68E+02	0.00E+00	1.33E+03	-2.10E-05	1.33E+03	1.49E+03	1.68E+02	0.00E+00	0.00E+00	0.00E+00	3.61E+04
HW4S340FB	7.14E-01	5.72E+01	1.14E+01	4.58E+01	0.00E+00	0.00E+00	5.38E+02	1.02E-03	4.52E-01	4.68E-01	0.00E+00	-1.11E+00	1.05E-07	5.27E-06	2.84E+00	1.57E+02	2.49E-04	0.00E+00	4.29E+02	1.47E+01	6.11E+02	0.00E+00	4.64E-06	2.51E-06	1.54E-01	3.62E-04	7.28E+01	0.00E+00	6.11E+02	-3.41E-05	6.11E+02	6.83E+02	7.28E+01	0.00E+00	0.00E+00	0.00E+00	1.57E+04
HW4S340FE	7.14E-01	5.74E+01	1.16E+01	4.59E+01	0.00E+00	0.00E+00	5.40E+02	1.02E-03	4.52E-01	4.69E-01	0.00E+00	-1.10E+00	1.23E-07	5.27E-06	2.84E+00	1.57E+02	2.49E-04	0.00E+00	4.29E+02	1.49E+01	6.11E+02	0.00E+00	4.64E-06	2.51E-06	1.54E-01	3.67E-04	7.28E+01	0.00E+00	6.11E+02	-3.58E-05	6.11E+02	6.83E+02	7.28E+01	0.00E+00	0.00E+00	0.00E+00	1.57E+04
HW4E410DB	6.66E-02	1.19E+02	7.07E+01	4.81E+01	0.00E+00	0.00E+00	3.06E+01	3.35E-05	3.74E-02	3.44E-01	0.00E+00	-8.75E+00	1.41E-08	4.78E-07	4.16E-01	6.82E+00	3.07E-04	0.00E+00	1.65E+01	1.16E+02	4.70E+01	0.00E+00	4.97E-07	9.79E-08	7.27E-02	2.80E-03	-7.31E+00	0.00E+00	4.70E+01	-1.01E-03	4.70E+01	3.97E+01	-7.31E+00	0.00E+00	0.00E+00	0.00E+00	5.93E+02
HW4E410DE	6.73E-02	1.19E+02	7.08E+01	4.82E+01	0.00E+00	0.00E+00	3.28E+01	3.49E-05	3.78E-02	3.45E-01	0.00E+00	-8.74E+00	3.18E-08	4.84E-07	4.19E-01	6.96E+00	3.07E-04	0.00E+00	1.70E+01	1.16E+02	4.78E+01	0.00E+00	5.03E-07	1.01E-07	7.29E-02	2.81E-03	-7.26E+00	0.00E+00	4.78E+01	-1.01E-03	4.78E+01	4.05E+01	-7.26E+00	0.00E+00	0.00E+00	0.00E+00	6.09E+02
HW4E410FB	4.78E-02	6.46E+01	3.66E+01	2.79E+01	0.00E+00	0.00E+00	2.50E+01	3.36E-05	2.56E-02	2.05E-01	0.00E+00	-4.52E+00	1.31E-08	3.08E-07	2.87E-01	6.79E+00	2.53E-04	0.00E+00	1.63E+01	5.98E+01	4.22E+01	0.00E+00	4.10E-07	1.29E-07	4.44E-02	1.45E-03	-2.32E+00	0.00E+00	4.22E+01	-5.17E-04	4.22E+01	3.98E+01	-2.32E+00	0.00E+00	0.00E+00	0.00E+00	5.81E+02
HW4E410FE	4.87E-02	6.48E+01	3.67E+01	2.81E+01	0.00E+00	0.00E+00	2.72E+01	3.51E-05	2.61E-02	2.06E-01	0.00E+00	-4.51E+00	3.07E-08	3.15E-07	2.90E-01	6.96E+00	2.53E-04	0.00E+00	1.67E+01	6.00E+01	4.30E+01	0.00E+00	4.16E-07	1.32E-07	4.47E-02	1.45E-03	-2.26E+00	0.00E+00	4.30E+01	-5.18E-04	4.30E+01	4.07E+01	-2.26E+00	0.00E+00	0.00E+00	0.00E+00	6.00E+02
HW4E412DB	6.66E-02	1.19E+02	7.07E+01	4.81E+01	0.00E+00	0.00E+00	3.06E+01	3.35E-05	3.74E-02	3.44E-01	0.00E+00	-8.75E+00	1.41E-08	4.78E-07	4.16E-01	6.82E+00	3.07E-04	0.00E+00	1.65E+01	1.16E+02	4.70E+01	0.00E+00	4.97E-07	9.79E-08	7.27E-02	2.80E-03	-7.31E+00	0.00E+00	4.70E+01	-1.01E-03	4.70E+01	3.97E+01	-7.31E+00	0.00E+00	0.00E+00	0.00E+00	5.93E+02
HW4E412DE	6.73E-02	1.19E+02	7.08E+01	4.82E+01	0.00E+00	0.00E+00	3.28E+01	3.49E-05	3.78E-02	3.45E-01	0.00E+00	-8.74E+00	3.18E-08	4.84E-07	4.19E-01	6.96E+00	3.07E-04	0.00E+00	1.70E+01	1.16E+02	4.78E+01	0.00E+00	5.03E-07	1.01E-07	7.29E-02	2.81E-03	-7.26E+00	0.00E+00	4.78E+01	-1.01E-03	4.78E+01	4.05E+01	-7.26E+00	0.00E+00	0.00E+00	0.00E+00	6.09E+02
HW4E412FB	4.78E-02	6.46E+01	3.66E+01	2.79E+01	0.00E+00	0.00E+00	2.50E+01	3.36E-05	2.56E-02	2.05E-01	0.00E+00	-4.52E+00	1.31E-08	3.08E-07	2.87E-01	6.79E+00	2.53E-04	0.00E+00	1.63E+01	5.98E+01	4.22E+01	0.00E+00	4.10E-07	1.29E-07	4.44E-02	1.45E-03	-2.32E+00	0.00E+00	4.22E+01	-5.17E-04	4.22E+01	3.98E+01	-2.32E+00	0.00E+00	0.00E+00	0.00E+00	5.81E+02
HW4E412FE	4.53E-02	6.47E+01	3.68E+01	2.79E+01	0.00E+00	0.00E+00	2.56E+01	3.04E-05	2.43E-02	2.03E-01	0.00E+00	-4.52E+00	3.02E-08	2.96E-07	2.77E-01	6.20E+00	2.53E-04	0.00E+00	1.45E+01	6.01E+01	3.89E+01	0.00E+00	3.86E-07	1.15E-07	4.38E-02	1.46E-03	-2.63E+00	0.00E+00	3.89E+01	-5.21E-04	3.89E+01	3.63E+01	-2.63E+00	0.00E+00	0.00E+00	0.00E+00	5.13E+02
HW4E312DB	5.51E-02	9.72E+01	5.77E+01	3.95E+01	0.00E+00	0.00E+00	2.58E+01	2.88E-05

Module D	HW4E420DE	6.73E-02	1.19E+02	7.08E+01	4.82E+01	0.00E+00	0.00E+00	3.28E+01	3.49E-05	3.78E-02	3.45E-01	0.00E+00	-8.74E+00	3.18E-08	4.84E-07	4.19E-01	6.96E+00	3.07E-04	0.00E+00	1.70E+01	1.16E+02	4.78E+01	0.00E+00	5.03E-07	1.01E-07	7.29E-02	2.81E-03	-7.26E+00	0.00E+00	4.78E+01	-1.01E-03	4.78E+01	4.05E+01	-7.26E+00	0.00E+00	0.00E+00	0.00E+00	6.09E+02
	HW4E420FB	4.78E-02	6.46E+01	3.66E+01	2.79E+01	0.00E+00	0.00E+00	2.50E+01	3.36E-05	2.56E-02	2.05E-01	0.00E+00	-4.52E+00	1.31E-08	3.08E-07	2.87E-01	6.79E+00	2.53E-04	0.00E+00	1.63E+01	5.98E+01	4.22E+01	0.00E+00	4.10E-07	1.29E-07	4.44E-02	1.45E-03	-2.32E+00	0.00E+00	4.22E+01	-5.17E-04	4.22E+01	3.98E+01	-2.32E+00	0.00E+00	0.00E+00	0.00E+00	5.81E+02
	HW4E420FE	4.53E-02	6.47E+01	3.68E+01	2.79E+01	0.00E+00	0.00E+00	2.56E+01	3.04E-05	2.43E-02	2.03E-01	0.00E+00	-4.52E+00	3.02E-08	2.96E-07	2.77E-01	6.20E+00	2.53E-04	0.00E+00	1.45E+01	6.01E+01	3.89E+01	0.00E+00	3.86E-07	1.15E-07	4.38E-02	1.46E-03	-2.63E+00	0.00E+00	3.89E+01	-5.21E-04	3.89E+01	3.63E+01	-2.63E+00	0.00E+00	0.00E+00	0.00E+00	5.13E+02
	HW4E425DB	6.66E-02	1.19E+02	7.07E+01	4.81E+01	0.00E+00	0.00E+00	3.06E+01	3.35E-05	3.74E-02	3.44E-01	0.00E+00	-8.75E+00	1.41E-08	4.78E-07	4.16E-01	6.82E+00	3.07E-04	0.00E+00	1.65E+01	1.16E+02	4.70E+01	0.00E+00	4.97E-07	9.79E-08	7.27E-02	2.80E-03	-7.31E+00	0.00E+00	4.70E+01	-1.01E-03	4.70E+01	3.97E+01	-7.31E+00	0.00E+00	0.00E+00	0.00E+00	5.93E+02
	HW4E425DE	6.72E-02	1.19E+02	7.08E+01	4.82E+01	0.00E+00	0.00E+00	3.27E+01	3.48E-05	3.78E-02	3.45E-01	0.00E+00	-8.74E+00	3.18E-08	4.84E-07	4.18E-01	6.95E+00	3.07E-04	0.00E+00	1.69E+01	1.16E+02	4.77E+01	0.00E+00	5.02E-07	1.01E-07	7.29E-02	2.81E-03	-7.26E+00	0.00E+00	4.77E+01	-1.01E-03	4.77E+01	4.05E+01	-7.26E+00	0.00E+00	0.00E+00	0.00E+00	6.08E+02
	HW4E425FB	4.78E-02	6.46E+01	3.66E+01	2.79E+01	0.00E+00	0.00E+00	2.50E+01	3.36E-05	2.56E-02	2.05E-01	0.00E+00	-4.52E+00	1.31E-08	3.08E-07	2.87E-01	6.79E+00	2.53E-04	0.00E+00	1.63E+01	5.98E+01	4.22E+01	0.00E+00	4.10E-07	1.29E-07	4.44E-02	1.45E-03	-2.32E+00	0.00E+00	4.22E+01	-5.17E-04	4.22E+01	3.98E+01	-2.32E+00	0.00E+00	0.00E+00	0.00E+00	5.81E+02
	HW4E425FE	4.53E-02	6.47E+01	3.68E+01	2.79E+01	0.00E+00	0.00E+00	2.56E+01	3.04E-05	2.43E-02	2.03E-01	0.00E+00	-4.52E+00	3.02E-08	2.96E-07	2.77E-01	6.20E+00	2.53E-04	0.00E+00	1.45E+01	6.01E+01	3.89E+01	0.00E+00	3.86E-07	1.15E-07	4.38E-02	1.46E-03	-2.63E+00	0.00E+00	3.89E+01	-5.21E-04	3.89E+01	3.63E+01	-2.63E+00	0.00E+00	0.00E+00	0.00E+00	5.13E+02
	HWY001H	1.40E-01	2.72E+00	2.14E-01	2.51E+00	0.00E+00	0.00E+00	3.74E+01	6.68E-05	6.26E-02	2.96E-02	0.00E+00	8.33E-19	6.99E-09	6.74E-07	1.71E-01	1.49E+01	0.00E+00	0.00E+00	3.43E+01	3.80E-04	4.07E+01	0.00E+00	3.14E-07	2.05E-07	1.22E-02	2.71E-03	5.99E+00	0.00E+00	4.07E+01	2.22E-06	4.07E+01	4.66E+01	5.99E+00	0.00E+00	0.00E+00	0.00E+00	1.29E+03
	HWY002H	1.16E-01	3.55E+00	2.79E-01	3.27E+00	0.00E+00	0.00E+00	4.90E+01	8.76E-05	8.17E-02	3.86E-02	0.00E+00	1.09E-18	9.15E-09	8.81E-07	2.23E-01	1.95E+01	0.00E+00	0.00E+00	4.49E+01	4.97E-04	5.32E+01	0.00E+00	4.10E-07	2.68E-07	1.59E-02	3.54E-03	7.83E+00	0.00E+00	5.32E+01	2.93E-06	5.32E+01	6.10E+01	7.83E+00	0.00E+00	0.00E+00	0.00E+00	1.69E+03
	HWY005H	3.05E-03	3.61E+00	2.07E+00	1.53E+00	0.00E+00	0.00E+00	5.29E+00	9.91E-06	1.00E-03	1.17E-02	0.00E+00	-2.55E-01	8.83E-10	2.08E-08	3.40E-02	8.80E-01	0.00E+00	0.00E+00	3.32E+00	3.36E+00	5.68E+00	0.00E+00	4.50E-08	1.57E-08	2.62E-03	8.16E-05	2.61E-01	0.00E+00	5.68E+00	-2.83E-05	5.68E+00	5.94E+00	2.61E-01	0.00E+00	0.00E+00	0.00E+00	1.17E+02
	HWY006H	4.06E-03	4.81E+00	2.76E+00	2.05E+00	0.00E+00	0.00E+00	7.05E+00	1.32E-05	1.33E-03	1.56E-02	0.00E+00	-3.40E-01	1.18E-09	2.77E-08	4.53E-02	1.17E+00	0.00E+00	0.00E+00	4.43E+00	4.49E+00	7.57E+00	0.00E+00	6.00E-08	2.09E-08	3.49E-03	1.09E-04	3.48E-01	0.00E+00	7.57E+00	-3.78E-05	7.57E+00	7.92E+00	3.48E-01	0.00E+00	0.00E+00	0.00E+00	1.57E+02
	HWY040H	1.11E-01	3.11E+00	2.58E-01	2.85E+00	0.00E+00	0.00E+00	4.30E+01	7.60E-05	7.93E-02	3.42E-02	0.00E+00	8.79E-19	8.14E-09	8.48E-07	1.93E-01	1.81E+01	0.00E+00	0.00E+00	4.08E+01	4.19E-04	4.67E+01	0.00E+00	3.61E-07	2.44E-07	1.46E-02	2.99E-03	7.10E+00	0.00E+00	4.67E+01	1.68E-06	4.67E+01	5.38E+01	7.10E+00	0.00E+00	0.00E+00	0.00E+00	1.53E+03
	HWY041H	1.48E-01	4.14E+00	3.42E-01	3.80E+00	0.00E+00	0.00E+00	5.74E+01	1.01E-04	1.06E-01	4.57E-02	0.00E+00	1.17E-18	1.09E-08	1.13E-06	2.57E-01	2.42E+01	0.00E+00	0.00E+00	5.41E+01	5.59E-04	6.22E+01	0.00E+00	4.82E-07	3.26E-07	1.95E-02	3.98E-03	9.46E+00	0.00E+00	6.22E+01	2.24E-06	6.22E+01	7.17E+01	9.46E+00	0.00E+00	0.00E+00	0.00E+00	2.04E+03
	HWY044H	9.25E-02	2.56E+00	2.12E-01	2.35E+00	0.00E+00	0.00E+00	3.54E+01	6.24E-05	6.60E-02	2.82E-02	0.00E+00	7.15E-19	6.70E-09	7.05E-07	1.58E-01	1.50E+01	0.00E+00	0.00E+00	3.35E+01	3.43E-04	3.84E+01	0.00E+00	2.97E-07	2.02E-07	1.21E-02	2.44E-03	5.86E+00	0.00E+00	3.84E+01	1.29E-06	3.84E+01	4.43E+01	5.86E+00	0.00E+00	0.00E+00	0.00E+00	1.27E+03
	HWY045H	1.23E-01	3.41E+00	2.83E-01	3.13E+00	0.00E+00	0.00E+00	4.72E+01	8.32E-05	8.80E-02	3.76E-02	0.00E+00	9.54E-19	8.94E-09	9.40E-07	2.11E-01	2.00E+01	0.00E+00	0.00E+00	4.47E+01	4.58E-04	5.12E+01	0.00E+00	3.99E-07	2.69E-07	1.61E-02	3.26E-03	7.81E+00	0.00E+00	5.12E+01	1.71E-06	5.12E+01	5.90E+01	7.81E+00	0.00E+00	0.00E+00	0.00E+00	1.69E+03
	HWY046H	6.56E-02	1.83E+00	1.51E-01	1.68E+00	0.00E+00	0.00E+00	2.53E+01	4.47E-05	4.68E-02	2.02E-02	0.00E+00	5.17E-19	4.79E-09	5.00E-07	1.13E-01	1.07E+01	0.00E+00	0.00E+00	2.39E+01	2.47E-04	2.75E+01	0.00E+00	2.13E-07	1.44E-07	8.60E-03	1.76E-03	4.18E+00	0.00E+00	2.75E+01	9.74E-07	2.75E+01	3.17E+01	4.18E+00	0.00E+00	0.00E+00	0.00E+00	9.02E+02
	HWY047H	8.75E-02	2.44E+00	2.01E-01	2.24E+00	0.00E+00	0.00E+00	3.38E+01	5.96E-05	6.24E-02	2.69E-02	0.00E+00	6.89E-19	6.39E-09	6.67E-07	1.51E-01	1.43E+01	0.00E+00	0.00E+00	3.19E+01	3.29E-04	3.66E+01	0.00E+00	2.84E-07	1.92E-07	1.15E-02	2.34E-03	5.57E+00	0.00E+00	3.66E+01	1.30E-06	3.66E+01	4.22E+01	5.57E+00	0.00E+00	0.00E+00	0.00E+00	1.20E+03
	HWY048H	5.35E-02	1.50E+00	1.24E-01	1.38E+00	0.00E+00	0.00E+00	2.08E+01	3.68E-05	3.81E-02	1.65E-02	0.00E+00	4.27E-19	3.93E-09	4.08E-07	9.32E-02	8.74E+00	0.00E+00	0.00E+00	1.96E+01	2.03E-04	2.26E+01	0.00E+00	1.75E-07	1.18E-07	7.04E-03	1.45E-03	3.42E+00	0.00E+00	2.26E+01	8.34E-07	2.26E+01	2.60E+01	3.42E+00	0.00E+00	0.00E+00	0.00E+00	7.39E+02
	HWY049H	7.13E-02	2.00E+00	1.65E-01	1.84E+00	0.00E+00	0.00E+00	2.77E+01	4.90E-05	5.08E-02	2.20E-02	0.00E+00	5.69E-19	5.24E-09	5.44E-07	1.24E-01	1.17E+01	0.00E+00	0.00E+00	2.61E+01	2.71E-04	3.01E+01	0.00E+00	2.33E-07	1.57E-07	9.38E-03	1.93E-03	4.57E+00	0.00E+00	3.01E+01	1.11E-06	3.01E+01	3.46E+01	4.57E+00	0.00E+00	0.00E+00	0.00E+00	9.85E+02
	HWY068H	1.42E-01	4.03E+00	3.30E-01	3.70E+00	0.00E+00	0.00E+00	5.59E+01	9.88E-05	1.01E-01	4.43E-02	0.00E+00	1.16E-18	1.05E-08	1.08E-06	2.51E-01	2.33E+01	0.00E+00	0.00E+00	5.24E+01	5.47E-04	6.06E+01	0.00E+00	4.69E-07	3.15E-07	1.88E-02	3.90E-03	9.16E+00	0.00E+00	6.06E+01	2.36E-06	6.06E+01	6.97E+01	9.16E+00	0.00E+00	0.00E+00	0.00E+00	1.98E+03
	HWY069H	1.90E-01	5.37E+00	4.40E-01	4.93E+00	0.00E+00	0.00E+00	7.45E+01	1.32E-04	1.35E-01	5.91E-02	0.00E+00	1.54E-18	1.41E-08	1.45E-06	3.34E-01	3.11E+01	0.00E+00	0.00E+00	6.99E+01	7.30E-04	8.08E+01	0.00E+00	6.25E-07	4.20E-07	2.51E-02	5.20E-03	1.22E+01	0.00E+00	8.08E+01	3.15E-06	8.08E+01	9.30E+01	1.22E+01	0.00E+00	0.00E+00	0.00E+00	2.64E+03
	HWY160H	1.41E-01	3.97E+00	3.26E-01	3.65E+00	0.00E+00	0.00E+00	5.51E+01	9.74E-05	1.00E-01	4.37E-02	0.00E+00	1.14E-18	1.04E-08	1.08E-06	2.47E-01	2.31E+01	0.00E+00	0.00E+00	5.18E+01	5.39E-04	5.97E+01	0.00E+00	4.62E-07	3.11E-07	1.86E-02	3.84E-03	9.05E+00	0.00E+00	5.97E+01	2.27E-06	5.97E+01	6.88E+01	9.05E+00	0.00E+00	0.00E+00	0.00E+00	1.95E+03
	HWY161H	1.88E-01	5.30E+00	4.35E-01	4.86E+00	0.00E+00	0.00E+00	7.34E+01	1.30E-04	1.34E-01	5.83E-02	0.00E+00	1.51E-18	1.39E-08	1.43E-06	3.29E-01	3.08E+01	0.00E+00	0.00E+00	6.90E+01	7.18E-04	7.96E+01	0.00E+00	6.16E-07	4.15E-07	2.48E-02	5.11E-03	1.21E+01	0.00E+00	7.96E+01	3.02E-06	7.96E+01	9.17E+01	1.21E+01	0.00E+00	0.00E+00	0.00E+00	2.60E+03
	HWY168H	2.82E-01	7.80E+00	6.46E-01	7.15E+00	0.00E+00	0.00E+00	1.08E+02	1.90E-04	2.01E-01	8.61E-02	0.00E+00	2.18E-18	2.04E-08	2.15E-06	4.82E-01	4.58E+01	0.00E+00	0.00E+00	1.02E+02	1.05E-03	1.17E+02	0.00E+00	9.06E-07	6.16E-07	3.68E-02	7.45E-03	1.79E+01	0.00E+00	1.17E+02	3.90E-06	1.17E+02	1.35E+02	1.79E+01	0.00E+00	0.00E+00	0.00E+00	3.88E+03
	HWY169H	3.76E-01	1.04E+01	8.62E-01	9.54E+00	0.00E+00	0.00E+00	1.44E+02	2.54E-04	2.69E-01	1.15E-01	0.00E+00	2.91E-18	2.73E-08	2.87E-06	6.42E-01	6.11E+01	0.00E+00	0.00E+00	1.36E+02	1.39E-03	1.56E+02	0.00E+00	1.21E-06	8.21E-07	4.91E-02	9.93E-03	2.38E+01	0.00E+00	1.56E+02	5.20E-06	1.56E+02	1.80E+02	2.38E+01	0.00E+00	0.00E+00	0.00E+00	5.14E+03
	HWY040HSA	1.76E-01	3.11E+00	2.58E-01	2.85E+00	0.00E+00	0.00E+00	4.30E+01	7.60E-05	7.93E-02	3.42E-02	0.00E+00	8.79E-19	8.14E-09	8.48E-07	1.93E-01	1.81E+01	0.00E+00	0.00E+00	4.08E+01	4.19E-04	4.67E+01	0.00E+00	3.61E-07	2.44E-07	1.46E-02	2.99E-03	7.10E+00	0.00E+00	4.67E+01	1.68E-06	4.67E+01	5.38E+01	7.10E+00	0.00E+00	0.00E+00	0.00E+00	1.53E+03
	HWY041HSA	2.35E-01	4.14E+00	3.42E-01	3.80E+00	0.00E+00	0.00E+00	5.74E+01	1.01E-04	1.06E-01	4.57E-02	0.00E+00	1.17E-18	1.09E-08	1.13E-06	2.57E-01	2.42E+01	0.00E+00	0.00E+00	5.41E+01	5.59E-04	6.22E+01	0.00E+00	4.82E-07	3.26E-07	1.95E-02	3.98E-03	9.46E+00	0.00E+00	6.22E+01	2.24E-06	6.22E+01	7.17E+01	9.46E+00	0.00E+00	0.00E+00	0.00E+00	2.04E+03
	HWY044HSA	1.47E-01	2.56E+00	2.12E-01	2.35E+00	0.00E+00	0.00E+00	3.54E+01	6.24E-05	6.60E-02	2.82E-02	0.00E+00	7.16E-19	6.71E-09	7.05E-07	1.58E-01	1.50E+01	0.00E+00	0.00E+00	3.35E+01	3.43E-04	3.84E+01	0.00E+00	2.97E-07	2.02E-07	1.21E-02	2.45E-03	5.86E+00	0.00E+00	3.84E+01	1.29E-06	3.84E+01	4.43E+01	5.86E+00	0.00E+00	0.00E+00	0.00E+00	1.27E+03
	HWY045HSA	1.95E-01	3.41E+00	2.83E-01	3.13E+00	0.00E+00	0.00E+00	4.72E+01	8.32E-05	8.80E-02	3.77E-02	0.00E+00	9.55E-19	8.94E-09	9.40E-07	2.11E-01	2.00E+01	0.00E+00	0.00E+00	4.47E+01	4.58E-04	5.12E+01	0.00E+00	3.97E-07	2.69E-07	1.61E-02	3.26E-03	7.82E+00	0.00E+00	5.12E+01	1.72E-06	5.12E+01	5.90E+01	7.82E+00	0.00E+00	0.00E+00	0.00E+00	1.69E+03
	HWY046HSA	1.04E-01	1.83E+00	1.51E-01	1.68E+00	0.00E+00	0.00E+00	2.54E+01	4.48E-05	4.68E-02	2.02E-02	0.00E+00	5.17E-19	4.80E-09	5.00E-07	1.13E-01	1.07E+01	0.00E+00	0.00E+00	2.39E+01	2.47E-04	2.75E+01	0.00E+00	2.13E-07	1.44E-07	8.60E-03	1.76E-03	4.18E+00	0.00E+00	2.75E+01	9.78E-07	2.75E+01	3.17E+01	4.18E+00	0.00E+00	0.00E+00	0.00E+00	9.03E+02
	HWY047HSA	1.39E-01	2.44E+00	2.01E-01	2.24E+00	0.00E+00	0.00E+00	3.38E+01	5.97E-05	6.24E-02	2.69E-02	0.00E+00	6.90E-19	6.39E-09	6.67E-07	1.51E-01	1.43E+01	0.00E+00	0.00E+00	3.19E+01	3.29E-04	3.67E+01	0.00E+00	2.84E-07	1.92E-07	1.15E-02	2.34E-03	5.58E+00	0.00E+00	3.67E+01	1.30E-06	3.67E+01	4.22E+01	5.58E+00	0.00E+00	0.00E+00	0.00E+00	1.20E+03
	HWY048HSA	8.47E-02	1.50E+00	1.24E-01	1.38E+00	0.00E+00	0.00E+00	2.08E+01	3.68E-05	3.81E-02	1.65E-02	0.00E+00	4.28E-19	3.93E-09	4.08E-07	9.32E-02	8.74E+00	0.00E+00	0.00E+00	1.96E+01	2.03E-04	2.26E+01	0.00E+00	1.75E-07	1.18E-07	7.04E-03	1.45E-03	3.43E+00	0.00E+00	2.26E+01	8.38E-07	2.26E+01	2.60E+01	3.43E+00	0.00E+00	0.00E+00	0.00E+00	7.39E+02
	HWY049HSA	1.13E-01	2.00E+00	1.65E-01	1.84E+00	0.00E+00	0.00E+00	2.78E+01	4.90E-05	5.08E-02	2.21E-02	0.00E+00	5.70E-19	5.24E-09	5.44E-07	1.24E-01	1.17E+01	0.00E+00	0.00E+00	2.61E+01	2.71E-04	3.01E+01	0.00E+00	2.33E-07	1.57E-07	9.38E-03	1.93E-03	4.57E+00	0.00E+00	3.01E+01	1.12E-06	3.01E+01	3.47E+01	4.57E+00	0.00E+00	0.00E+00	0.00E+00	9.86E+02
	HWY058HSA	5.42E-02	1.51E+00	1.25E-01	1.38E+00	0.00E+00	0.00E+00	2.09E+01	3.69E-05	3.87E-02	1.66E-02	0.00E+00	4.25E-19	3.95E-09	4.13E-07	9.34E-02	8.83E+00	0.00E+00	0.00E+00	1.97E+01	2.03E-04	2.27E+01	0.00E+00	1.75E-07	1.19E-07	7.10E-03	1.45E-03	3.45E+00	0.00E+00	2.27E+01	7.93E-07	2.27E+01	2.61E+01	3.45E+00	0.00E+00	0.00E+00	0.00E+00	7.45E+02
	HWY059HSA	7.23E-02	2.01E+00	1.66E-01	1.85E+00	0.00E+00	0.00E+00	2.79E+01	4.91E-05	5.15E-02	2.22E-02	0.00E+00	5.67E-19	5.27E-09	5.51E-07	1.25E-01	1.18E+01	0.00E+00	0.00E+00	2.63E+01	2.71E-04	3.02E+01	0.00E+00	2.34E-07	1.58E-07	9.46E-03	1.93E-03	4.60E+00	0.00E+00	3.02E+01	1.06E-06	3.02E+01	3.48E+01	4.60E+00	0.00E+00	0.00E+00	0.00E+00	9.93E+02
	HWY068HSA	1.42E-01	4.03E+00	3.30E-01	3.70E+00	0.00E+00	0.00E+00	5.59E+01	9.88E-05	1.01E-01	4.43E-02	0.00E+00	1.16E-18	1.05E-08	1.08E-06	2.51E-01	2.33E+01	0.00E+00	0.00E+00	5.24E+01	5.47E-04	6.06E+01	0.00E+00	4.69E-07	3.15E-07	1.88E-02	3.90E-03	9.16E+00	0.00E+00	6.06E+01	2.36E-06	6.06E+01	6.97E+01	9.16E+00	0.00E+00	0.00E+00	0.00E+00	1.98E+03
	HWY069HSA	1.90E-01	5.37E+00	4.40E-01	4.93E+00	0.00E+00	0.00E+00	7.45E+01	1.32E-04	1.35E-01	5.91E-02	0.00E+00	1.54E-18	1.41E-08	1.45E-06	3.34E-01	3.11E+01	0.00E+00	0.00E+00	6.99E+01	7.30E-04	8.08E+01	0.00E+00	6.25E-07	4.20E-07	2.51E-02	5.20E-03	1.22E+01	0.00E+00	8.08E+01	3.15E-06	8.08E+01	9.30E+01	1.22E+01	0.00E+00	0.00E+00	0.00E+00	2.64E+03
	HWY158HSA	1.41E-01	3.97E+00	3.26E-01	3.65E+00	0.00E+00	0.00E+00	5.51E+01	9.74E-05	1.00E-01	4.37E-02	0.00E+00	1.14E-18	1.04E-08	1.08E-06	2.47E-01	2.31E+01	0.00E+00	0.00E+00	5.18E+01	5.39E-04	5.97E+01	0.00E+00	4.62E-07	3.11E-07	1.86E-02	3.84E-03	9.05E+00	0.00E+00	5.97E+01	2.27E-06	5.97E+01	6.88E+01	9.05E+00	0.00E+00	0.00E+00	0.00E+00	1.95E+03
	HWY159HSA	1.88E-01	5.30E+00	4.35E-01	4.86E+00	0.00E+00	0.00E+00	7.34E+01	1.30E-04	1.34E-01	5.83E-02	0.00E+00	1.51E-18	1.39E-08	1.43E-06	3.29E-01	3.08E+01	0.00E+00	0.00E+00	6.90E+01	7.18E-04	7.96E+01	0.00E+00	6.16E-07	4.15E-07	2.48E-02	5.11E-03	1.21E+01	0.00E+00	7.96E+01	3.02E-06	7.96E+01	9.17E+01	1.21E+01	0.00E+00	0.00E+00	0.00E+00	2.60E+03
	HWY160HSA	1.43E-01	4.05E+00	3.32E-01	3.72E+00	0.00E+00	0.00E+00	5.62E+01	9.94E-05	1.02E-01	4.46E-02	0.00E+00	1.16E-18	1.06E-08	1.09E-06	2.52E-01	2.35E+01	0.00E+00	0.00E+00	5.27E+01	5.51E-04	6.09E+01	0.00E+00	4.71E-07	3.17E-07	1.89E-02	3.92E-03	9.22E+00	0.00E+00	6.09E+01	2.37E-06	6.09E+01	7.02E+01	9.22E+00	0.00E+00	0.00E+00	0.00E+00	1.99E+03
	HWY161HSA	1.91E-01	5.40E+00	4.43E-01	4.96E+00	0.00E+00	0.00E+00	7.49E+01	1.33E-04	1.36E-01	5.94E-02	0.00E+00	1.55E-18	1.41E-08	1.46E-06	3.36E-01	3.13E+01	0.00E+00	0.00E+00	7.03E+01	7.34E-04	8.12E+01	0.00E+00	6.28E-07	4.23E-07	2.52E-02	5.23E-03	1.23E+01	0.00E+00	8.12E+01	3.17E-06	8.12E+01	9.35E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	2.65E+03
	HWY168HSA	2.82E-01	7.82E+00	6.47E-01	7.18E+00	0.00E+00	0.00E+00	1.08E+02	1.91E-04	2.01E-01	8.63E-02	0.00E+00	2.18E-18	2.05E-08	2.15E-06	4.83E-01	4.59E+01	0.00E+00	0.00E+00	1.02E+02	1.05E-03	1.17E+02	0.00E+00	9.09E-07	6.17E-07	3.69E-02	7.48E-03	1.79E+01	0.00E+00	1.17E+02	3.99E-06	1.17E+02	1.35E+02	1.79E+01	0.00E+00	0.00E+00	0.00E+00	3.87E+03
	HWY169HSA	3.76E-01	1.04E+01	8.63E-01	9.57E+00	0.00E+00	0.00E+00	1.44E+02	2.55E-04	2.69E-01	1.15E-01	0.00E+00	2.92E-18	2.73E-08	2.87E-06	6.45E-01	6.12E+01	0.00E+00	0.00E+00	1.36E+02	1.40E-03	1.57E+02	0.00E+00	1.21E-06	8.23E-07	4.92E-02	9.97E-03	2.39E+01	0.00E+00	1.57E+02	5.32E-06	1.57E+02	1.80E+02	2.39E+01	0.00E+00	0.00E+00	0.00E+00	5.15E+03
	HWY140HSA	1.36E-02	2.10E+00	1.04E-01	1.99E+00	0.00E+00	0.00E+00	3.10E+01	6.21E-05	1.86E-03	2.04E-02	0.00E+00	1.19E-18	5.15E-09	6.62E-08	1.64E-01	5.50E+00	0.00E+00	0.00E+00	2.07E+01	4.18E-04	3.37E+01	0.00E+00	2.49E-07	1.10E-07	5.71E-03	2.98E-03	3.52E+00	0.00E+00	3.37E+01	7.73E-06	3.37E+01	3.72E+01	3.52E+00	0.00E+00	0.00E+00	0.00E+00	7.31E+02
	HWY141HSA	1.81E-02	2.80E+00	1.38E-01	2.66E+00	0.00E+00	0.00E+00	4.13E+01	8.28E-05	2.47E-03	2.72E-02	0.00E+00	1.58E-18	6.87E-09	8.83E-08	2.19E-01	7.34E+00	0.00E+00	0.00E+00	2.76E+01	5.57E-04	4.50E+01	0.00E+00	3.32E-07	1.46E-07	7.61E-03	3.97E-03	4.69E+00	0.00E+00	4.50E+01	1.03E-05	4.50E+01	4.96E+01	4.69E+00	0.00E+00	0.00E+00	0.00E+00	9.74E+02
	HWY144HSA	1.11E-02	1.72E+00	8.52E-02	1.64E+00	0.00E+00	0.00E+00	2.54E+01	5.10E-05	1.52E-03	1.68E-02	0.00E+00	9.77E-19	4.23E-09	5.44E-08	1.35E-01	4.52E+00	0.00E+00	0.00E+00	1.70E+01	3.43E-04	2.77E+01	0.00E+00	2.05E-07	9.02E-08	4.69E-03	2.45E-03	2.89E+00	0.00E+00	2.77E+01	6.35E-06	2.77E+01	3.06E+01	2.89E+00	0.00E+00	0.00E+00	0.00E+00	6.00E+02
	HWY145HSA	1.49E-02	2.30E+00	1.14E-01	2.18E+00	0.00E+00	0.00E+

HW1E316DB	-4.98E+00	-4.62E+01	-1.12E+00	-4.51E+01	0.00E+00	0.00E+00	-1.24E+03	-4.95E-01	-2.24E-01	-2.86E+00	0.00E+00	-6.54E-07	-7.00E-07	-5.77E-05	-1.18E+00	-5.79E+02	0.00E+00	0.00E+00	-1.00E+03	-2.34E-04	-4.99E+02	0.00E+00	-2.50E-06	-1.00E-05	-8.36E-01	-1.54E-07	-1.24E+02	0.00E+00	-4.99E+02	-1.43E-02	-4.99E+02	-6.20E+02	-1.24E+02	0.00E+00	0.00E+00	0.00E+00	-4.29E+04
HW1E316DE	-4.98E+00	-4.84E+01	-1.13E+00	-4.73E+01	0.00E+00	0.00E+00	-1.24E+03	-4.95E-01	-2.25E-01	-2.88E+00	0.00E+00	-6.54E-07	-7.00E-07	-5.77E-05	-1.17E+00	-5.85E+02	0.00E+00	0.00E+00	-1.00E+03	-2.34E-04	-5.01E+02	0.00E+00	-2.56E-06	-1.01E-05	-8.40E-01	-1.54E-07	-1.25E+02	0.00E+00	-5.01E+02	-1.44E-02	-5.01E+02	-6.26E+02	-1.25E+02	0.00E+00	0.00E+00	0.00E+00	-4.29E+04
HW1E316FB	-5.61E-03	7.46E-01	3.10E-02	7.15E-01	0.00E+00	0.00E+00	-1.05E+02	-5.81E-02	-2.01E-02	-2.80E-01	0.00E+00	1.93E-18	-6.65E-08	-6.70E-06	1.43E-01	-4.75E+01	0.00E+00	0.00E+00	-8.24E+01	6.82E-18	1.46E+01	0.00E+00	2.36E-07	-8.69E-07	-6.02E-02	0.00E+00	-7.22E+00	0.00E+00	1.46E+01	-1.66E-03	1.46E+01	7.38E+00	-7.22E+00	0.00E+00	0.00E+00	0.00E+00	-3.74E+03
HW1E316FE	7.63E-02	9.04E-01	1.92E-01	7.12E-01	0.00E+00	0.00E+00	2.48E+01	-1.31E-03	6.21E-02	9.18E-03	0.00E+00	-6.54E-07	-3.15E-08	5.54E-07	1.76E-01	8.32E-01	0.00E+00	0.00E+00	1.11E+01	-2.34E-04	1.87E+01	0.00E+00	-3.32E-06	-6.10E-08	-2.15E-03	-1.54E-07	2.42E+00	0.00E+00	1.87E+01	-6.29E-05	1.87E+01	2.11E+01	2.42E+00	0.00E+00	0.00E+00	0.00E+00	2.97E+02
HW1E404DB	-6.62E+00	-6.24E+01	-1.49E+00	-6.09E+01	0.00E+00	0.00E+00	-1.64E+03	-6.58E-01	-2.98E-01	-3.82E+00	0.00E+00	-6.54E-07	-9.14E-07	-7.68E-05	-1.53E+00	-7.80E+02	0.00E+00	0.00E+00	-1.33E+03	-2.34E-04	-6.46E+02	0.00E+00	-3.32E-06	-1.32E-05	-1.11E+00	-1.54E-07	-1.66E+02	0.00E+00	-6.46E+02	-1.91E-02	-6.46E+02	-8.11E+02	-1.66E+02	0.00E+00	0.00E+00	0.00E+00	-5.68E+04
HW1E404DE	6.14E-01	2.34E+01	1.66E+00	2.17E+01	0.00E+00	0.00E+00	3.05E+02	-1.47E-03	4.37E-01	2.49E-01	0.00E+00	8.30E-18	5.41E-08	4.54E-06	1.45E+00	-7.89E+01	0.00E+00	0.00E+00	2.68E+02	3.04E-17	3.39E+02	0.00E+00	2.65E-06	1.51E-06	9.54E-02	0.00E+00	1.93E+01	0.00E+00	3.39E+02	-4.32E-05	3.39E+02	3.58E+02	1.93E+01	0.00E+00	0.00E+00	0.00E+00	9.95E+03
HW1E404FB	7.00E-02	6.97E+00	3.18E-01	6.85E+00	0.00E+00	0.00E+00	6.28E+01	-1.94E-03	5.18E-02	6.01E-02	0.00E+00	2.67E-18	7.92E-09	3.63E-07	4.11E-01	1.41E+01	0.00E+00	0.00E+00	5.27E+01	9.59E-18	9.71E+01	0.00E+00	7.63E-07	3.53E-07	1.97E-02	0.00E+00	8.83E+00	0.00E+00	9.71E+01	-5.04E-05	9.71E+01	1.06E+02	8.83E+00	0.00E+00	0.00E+00	0.00E+00	1.89E+03
HW1E404FE	1.24E-01	1.07E+01	4.44E-01	1.03E+01	0.00E+00	0.00E+00	8.33E+01	-1.85E-03	8.77E-02	9.40E-02	0.00E+00	3.37E-18	1.32E-08	7.40E-07	5.24E-01	2.86E+01	0.00E+00	0.00E+00	7.30E+01	1.22E-17	1.26E+02	0.00E+00	9.96E-07	5.09E-07	3.08E-02	0.00E+00	1.32E+01	0.00E+00	1.26E+02	-4.54E-05	1.26E+02	1.39E+02	1.32E+01	0.00E+00	0.00E+00	0.00E+00	2.65E+03
HW1E406DB	5.17E-01	1.58E+00	1.23E+00	3.46E-01	0.00E+00	0.00E+00	1.84E+02	-5.39E-03	4.19E-01	3.92E-02	0.00E+00	-6.54E-07	-6.37E-08	3.98E-06	8.19E-01	-1.17E+02	0.00E+00	0.00E+00	1.38E+02	-2.34E-04	1.21E+02	0.00E+00	1.35E-06	1.99E-07	1.52E-02	-1.54E-07	9.11E-01	0.00E+00	1.21E+02	-2.68E-04	1.21E+02	1.22E+02	9.11E-01	0.00E+00	0.00E+00	0.00E+00	4.93E+03
HW1E406DE	-6.64E+00	-6.62E+01	-1.48E+00	-5.87E+01	0.00E+00	0.00E+00	-1.65E+03	-6.61E-01	-2.99E-01	-3.81E+00	0.00E+00	4.23E-19	-9.17E-07	-7.71E-05	-1.52E+00	-7.81E+02	0.00E+00	0.00E+00	-1.33E+03	1.59E-18	-6.45E+02	0.00E+00	-3.28E-06	-1.33E-05	-1.11E+00	0.00E+00	-1.66E+02	0.00E+00	-6.45E+02	-1.92E-02	-6.45E+02	-8.11E+02	-1.66E+02	0.00E+00	0.00E+00	0.00E+00	-5.69E+04
HW1E406FB	5.49E-02	5.76E-01	1.51E-01	4.24E-01	0.00E+00	0.00E+00	1.59E+01	-1.69E-03	4.81E-02	3.02E-03	0.00E+00	1.45E-18	-4.28E-08	3.73E-07	1.49E-01	5.45E+00	0.00E+00	0.00E+00	-2.56E-01	5.56E-18	9.21E+00	0.00E+00	2.83E-07	-1.54E-07	-7.25E-03	0.00E+00	2.09E+00	0.00E+00	9.21E+00	-7.85E-05	9.21E+00	1.13E+01	2.09E+00	0.00E+00	0.00E+00	0.00E+00	-1.66E+02
HW1E406FE	-1.28E+00	-1.71E+01	-3.15E-01	-1.68E+01	0.00E+00	0.00E+00	-3.23E+02	-1.27E-01	-5.89E-02	-7.66E-01	0.00E+00	1.04E-19	-2.02E-07	-1.48E-05	-3.40E-01	-3.10E+02	0.00E+00	0.00E+00	-2.72E+02	3.54E-19	-1.58E+02	0.00E+00	-7.80E-07	-2.86E-06	-2.28E-01	0.00E+00	-5.64E+01	0.00E+00	-1.58E+02	-3.70E-03	-1.58E+02	-2.12E+02	-5.64E+01	0.00E+00	0.00E+00	0.00E+00	-1.16E+04
HW1E408DB	6.18E-01	2.43E+01	1.67E+00	2.26E+01	0.00E+00	0.00E+00	3.07E+02	-1.45E-03	4.37E-01	2.47E-01	0.00E+00	8.33E-18	5.21E-08	4.54E-06	1.53E+00	1.01E+02	0.00E+00	0.00E+00	2.70E+02	3.06E-17	3.61E+02	0.00E+00	2.80E-06	1.66E-06	9.66E-02	0.00E+00	4.60E+01	0.00E+00	3.61E+02	-3.50E-05	3.61E+02	4.07E+02	4.60E+01	0.00E+00	0.00E+00	0.00E+00	1.00E+04
HW1E408DE	6.37E-01	2.38E+01	1.67E+00	2.21E+01	0.00E+00	0.00E+00	3.11E+02	5.54E-04	4.40E-01	2.63E-01	0.00E+00	-6.54E-07	5.69E-08	4.79E-06	1.48E+00	-7.30E+01	0.00E+00	0.00E+00	2.73E+02	-2.34E-04	3.43E+02	0.00E+00	2.67E-06	1.56E-06	9.92E-02	-1.54E-07	2.05E+01	0.00E+00	3.43E+02	3.03E-05	3.43E+02	3.64E+02	2.05E+01	0.00E+00	0.00E+00	0.00E+00	1.02E+04
HW1E408FB	5.64E-02	1.90E+00	2.66E-01	1.64E+00	0.00E+00	0.00E+00	5.57E+01	-1.97E-03	4.91E-02	2.86E-02	0.00E+00	2.02E-18	6.38E-09	3.43E-07	2.90E-01	-1.74E+02	0.00E+00	0.00E+00	4.25E+01	7.11E-18	6.06E+01	0.00E+00	4.74E-07	1.29E-07	1.06E-02	0.00E+00	-1.98E+01	0.00E+00	6.06E+01	-6.57E-05	6.06E+01	4.08E+01	-1.98E+01	0.00E+00	0.00E+00	0.00E+00	1.53E+03
HW1E408FE	-1.29E+00	-1.10E+01	-2.72E-01	-1.08E+01	0.00E+00	0.00E+00	-3.22E+02	-1.29E-01	-5.78E-02	-7.38E-01	0.00E+00	8.80E-19	-2.04E-07	-1.50E-05	-2.22E-01	-1.24E+02	0.00E+00	0.00E+00	-2.68E+02	3.36E-18	-1.21E+02	0.00E+00	-4.87E-07	-2.67E-06	-2.21E-01	0.00E+00	-2.83E+01	0.00E+00	-1.21E+02	-3.76E-03	-1.21E+02	-1.50E+02	-2.83E+01	0.00E+00	0.00E+00	0.00E+00	-1.15E+04
HW1E410DB	5.15E-01	1.17E+00	1.22E+00	-5.02E-02	0.00E+00	0.00E+00	1.82E+02	-5.40E-03	4.19E-01	3.57E-02	0.00E+00	-6.54E-07	-6.70E-08	3.98E-06	8.08E-01	-1.21E+02	0.00E+00	0.00E+00	1.32E+02	-2.34E-04	1.17E+02	0.00E+00	1.32E-06	1.75E-07	1.42E-02	-1.54E-07	-3.00E-01	0.00E+00	1.17E+02	-2.74E-04	1.17E+02	1.16E+02	-3.00E-01	0.00E+00	0.00E+00	0.00E+00	4.68E+03
HW1E410DE	-6.51E+00	-3.49E+01	-1.00E+00	-3.39E+01	0.00E+00	0.00E+00	-1.52E+03	-6.55E-01	-2.77E-01	-3.57E+00	0.00E+00	4.56E-18	-7.94E-07	-7.63E-05	-7.60E-01	-5.51E+02	0.00E+00	0.00E+00	-1.18E+03	1.60E-17	-3.90E+02	0.00E+00	-1.72E-06	-1.17E-05	-1.02E+00	0.00E+00	-1.18E+02	0.00E+00	-3.90E+02	-1.88E-02	-3.90E+02	-5.08E+02	-1.18E+02	0.00E+00	0.00E+00	0.00E+00	-5.12E+04
HW1E410FB	-7.68E-01	-6.93E+00	-1.63E-01	-6.76E+00	0.00E+00	0.00E+00	-1.95E+02	-7.68E-02	-3.47E-02	-4.42E-01	0.00E+00	9.13E-19	-1.41E-07	-8.93E-06	-1.27E-01	-7.43E+01	0.00E+00	0.00E+00	-1.69E+02	3.49E-18	-8.01E+01	0.00E+00	-2.64E-07	-1.71E-06	-1.37E-01	0.00E+00	-1.75E+01	0.00E+00	-8.01E+01	-2.26E-03	-8.01E+01	-9.77E+01	-1.75E+01	0.00E+00	0.00E+00	0.00E+00	-7.26E+03
HW1E410FE	-1.29E+00	-1.20E+01	-2.79E-01	-1.17E+01	0.00E+00	0.00E+00	-3.23E+02	-1.29E-01	-5.84E-02	-7.45E-01	0.00E+00	7.51E-19	-2.05E-07	-1.50E-05	-2.51E-01	-1.26E+02	0.00E+00	0.00E+00	-2.69E+02	2.87E-18	-1.24E+02	0.00E+00	-5.14E-07	-2.69E-06	-2.22E-01	0.00E+00	-2.90E+01	0.00E+00	-1.24E+02	-3.76E-03	-1.24E+02	-1.53E+02	-2.90E+01	0.00E+00	0.00E+00	0.00E+00	-1.15E+04
HW1E412DB	6.08E-01	2.12E+01	1.63E+00	1.96E+01	0.00E+00	0.00E+00	3.00E+02	-1.54E-03	4.36E-01	2.31E-01	0.00E+00	7.94E-18	4.94E-08	4.52E-06	1.41E+00	-8.18E+01	0.00E+00	0.00E+00	2.59E+02	2.91E-17	3.28E+02	0.00E+00	2.56E-06	1.45E-06	9.04E-02	0.00E+00	1.80E+01	0.00E+00	3.28E+02	-5.25E-05	3.28E+02	3.46E+02	1.80E+01	0.00E+00	0.00E+00	0.00E+00	9.63E+03
HW1E412DE	-6.52E+00	-3.96E+01	-1.03E+00	-3.86E+01	0.00E+00	0.00E+00	-1.52E+03	-6.55E-01	-2.80E-01	-3.61E+00	0.00E+00	-6.54E-07	-7.95E-07	-7.63E-05	-8.33E-01	-5.66E+02	0.00E+00	0.00E+00	-1.19E+03	-2.34E-04	-4.04E+02	0.00E+00	-1.85E-06	-1.18E-05	-1.03E+00	-1.54E-07	-1.20E+02	0.00E+00	-4.04E+02	-1.88E-02	-4.04E+02	-5.25E+02	-1.20E+02	0.00E+00	0.00E+00	0.00E+00	-5.14E+04
HW1E412FB	9.50E-02	8.11E+00	3.35E-01	7.77E+00	0.00E+00	0.00E+00	7.05E+01	1.44E-04	5.48E-02	8.04E-02	0.00E+00	2.83E-18	1.22E-08	6.27E-07	4.34E-01	1.53E+01	0.00E+00	0.00E+00	5.94E+01	1.02E-17	1.04E+02	0.00E+00	8.14E-07	4.22E-07	2.55E-02	0.00E+00	9.45E+00	0.00E+00	1.04E+02	2.58E-05	1.04E+02	1.14E+02	9.45E+00	0.00E+00	0.00E+00	0.00E+00	2.16E+03
HW1E412FE	-1.25E+00	-1.86E+00	-8.41E-02	-1.77E+00	0.00E+00	0.00E+00	-2.69E+02	-1.27E-01	-5.02E-02	-6.49E-01	0.00E+00	-6.54E-07	-1.51E-07	-1.48E-05	4.41E-02	-9.83E+01	0.00E+00	0.00E+00	-2.10E+02	-2.34E-04	-2.48E+01	0.00E+00	8.23E-08	-2.09E-06	-1.88E-01	-1.54E-07	-1.90E+01	0.00E+00	-2.46E+01	-3.66E-03	-2.46E+01	-4.36E+01	-1.90E+01	0.00E+00	0.00E+00	0.00E+00	-9.28E+03
HW1E416DB	-6.53E+00	-4.32E+01	-1.07E+00	-4.21E+01	0.00E+00	0.00E+00	-1.52E+03	-6.55E-01	-2.82E-01	-3.63E+00	0.00E+00	3.49E-18	-7.94E-07	-7.63E-05	-9.16E-01	-7.41E+02	0.00E+00	0.00E+00	-1.19E+03	1.18E-17	-4.34E+02	0.00E+00	-2.10E-06	-1.20E-05	-1.03E+00	0.00E+00	-1.47E+02	0.00E+00	-4.34E+02	-1.89E-02	-4.34E+02	-5.81E+02	-1.47E+02	0.00E+00	0.00E+00	0.00E+00	-5.16E+04
HW1E416DE	5.30E-01	6.93E+00	1.28E+00	5.85E+00	0.00E+00	0.00E+00	1.90E+02	-5.45E-03	4.22E-01	7.23E-02	0.00E+00	-6.54E-07	-6.57E-08	3.99E-06	9.38E-01	6.95E+01	0.00E+00	0.00E+00	1.45E+02	-2.34E-04	1.55E+02	0.00E+00	1.63E-06	4.01E-07	2.39E-02	-1.54E-07	2.89E+01	0.00E+00	1.55E+02	-2.58E-04	1.55E+02	1.84E+02	2.89E+01	0.00E+00	0.00E+00	0.00E+00	5.14E+03
HW1E416FB	5.32E-02	-6.27E-01	1.47E-01	-7.74E-01	0.00E+00	0.00E+00	1.66E+01	-1.64E-03	4.74E-02	-5.62E-03	0.00E+00	1.30E-18	-4.15E-08	3.78E-07	1.40E-01	-1.86E+00	0.00E+00	0.00E+00	4.90E-01	4.97E-18	7.65E+00	0.00E+00	2.56E-07	-1.61E-07	-8.82E-03	0.00E+00	1.05E+00	0.00E+00	7.65E+00	-7.63E-05	7.65E+00	8.70E+00	1.05E+00	0.00E+00	0.00E+00	0.00E+00	-1.30E+02
HW1E416FE	-1.29E+00	-1.07E+01	-2.70E-01	-1.04E+01	0.00E+00	0.00E+00	-3.22E+02	-1.29E-01	-5.76E-02	-7.35E-01	0.00E+00	9.29E-19	-2.04E-07	-1.50E-05	-2.18E-01	-1.23E+02	0.00E+00	0.00E+00	-2.68E+02	3.54E-18	-1.20E+02	0.00E+00	-4.78E-07	-2.67E-06	-2.20E-01	0.00E+00	-2.82E+01	0.00E+00	-1.20E+02	-3.76E-03	-1.20E+02	-1.49E+02	-2.82E+01	0.00E+00	0.00E+00	0.00E+00	-1.15E+04
HW1M304DB	4.15E-01	7.71E+00	9.73E-01	6.74E+00	0.00E+00	0.00E+00	1.44E+02	-3.04E-03	3.20E-01	7.83E-02	0.00E+00	4.47E-18	-5.98E-08	3.15E-06	7.31E-01	5.85E+01	0.00E+00	0.00E+00	1.05E+02	1.72E-17	1.13E+02	0.00E+00	1.28E-06	2.66E-07	2.03E-02	0.00E+00	2.25E+01	0.00E+00	1.13E+02	-1.64E-04	1.13E+02	1.35E+02	2.25E+01	0.00E+00	0.00E+00	0.00E+00	3.67E+03
HW1M304DE	-4.97E+00	-4.45E+01	-1.10E+00	-4.34E+01	0.00E+00	0.00E+00	-1.23E+03	-4.95E-01	-2.22E-01	-2.85E+00	0.00E+00	-6.54E-07	-6.98E-07	-5.77E-05	-1.14E+00	-5.78E+02	0.00E+00	0.00E+00	-1.00E+03	-2.34E-04	-4.89E+02	0.00E+00	-2.45E-06	-1.00E-05	-8.32E-01	-1.54E-07	-1.22E+02	0.00E+00	-4.89E+02	-1.43E-02	-4.89E+02	-6.13E+02	-1.22E+02	0.00E+00	0.00E+00	0.00E+00	-4.28E+04
HW1M304FB	-5.69E-01	-1.95E+00	4.88E-03	-1.96E+00	0.00E+00	0.00E+00	-1.08E+02	-5.81E-02	-2.14E-02	-2.95E-01	0.00E+00	1.60E-18	-6.63E-08	-6.71E-06	7.29E-02	-1.76E+02	0.00E+00	0.00E+00	-8.78E+01	5.53E-18	-9.92E+00	0.00E+00	6.46E-08	-1.00E-06	-8.47E-02	0.00E+00	-2.66E+00	0.00E+00	-9.92E+00	-1.67E-03	-9.92E+00	-3.35E+01	-2.66E+00	0.00E+00	0.00E+00	0.00E+00	-3.94E+03
HW1M304FE	-9.56E-01	-6.16E+00	-9.87E-02	-6.07E+00	0.00E+00	0.00E+00	-2.07E+02	-9.63E-02	-4.06E-02	-5.22E-01	0.00E+00	-6.54E-07	-1.14E-07	-1.12E-05	-5.59E-02	-2.17E+02	0.00E+00	0.00E+00	-1.65E+02	-2.34E-04	-4.54E+01	0.00E+00	-1.64E-07	-1.75E-06	-1.46E-01	-1.54E-07	-3.58E+01	0.00E+00	-4.54E+01	-2.78E-03	-4.54E+01	-8.12E+01	-3.58E+01	0.00E+00	0.00E+00	0.00E+00	-7.19E+03
HW1M306DB	4.55E-01	1.64E+01	1.27E+00	1.52E+01	0.00E+00	0.00E+00	2.37E+02	-1.59E-03	3.27E-01	1.76E-01	0.00E+00	6.37E-18	4.14E-08	3.36E-06	1.12E+00	-5.95E+01	0.00E+00	0.00E+00	2.06E+02	2.32E-17	2.60E+02	0.00E+00	2.02E-06	1.13E-06	6.93E-02	0.00E+00	1.52E+01	0.00E+00	2.60E+02	-4.88E-05	2.60E+02	2.75E+02	1.52E+01	0.00E+00	0.00E+00	0.00E+00	7.64E+03
HW1M306DE	3.96E-01	-6.69E-01	9.07E-01	-1.58E+00	0.00E+00	0.00E+00	1.36E+02	-3.07E-03	3.15E-01	1.92E-02	0.00E+00	3.38E-18	-6.17E-08	3.13E-06	5.76E-01	-9.85E+01	0.00E+00	0.00E+00	9.42E+01	1.30E-17	7.32E+01	0.00E+00	9.34E-07	2.83E-08	5.36E-03	0.00E+00	-1.81E+00	0.00E+00	7.32E+01	-1.77E-04	7.32E+01	7.14E+01	-1.81E+00	0.00E+00	0.00E+00	0.00E+00	3.31E+03
HW1M306FB	-5.70E-01	-2.27E+00	-3.92E-04	-2.27E+00	0.00E+00	0.00E+00	-1.09E+02	-5.82E-02	-2.16E-02	-2.98E-01	0.00E+00	1.55E-18	-6.75E-08	-6.72E-06	5.40E-02	-1.80E+02	0.00E+00	0.00E+00	-8.95E+01	5.36E-18	-9.96E+00	0.00E+00	4.62E-08	-1.02E-06	-8.57E-02	0.00E+00	-2.74E+01	0.00E+00	-9.96E+00	-1.67E-03	-9.96E+00	-3.74E+01	-2.74E+01	0.00E+00	0.00E+00	0.00E+00	-4.00E+03
HW1M306FE	-9.45E-01	-1.91E+00	-5.94E-02	-1.85E+00	0.00E+00	0.00E+00	-2.01E+02	-9.62E-02	-3.82E-02	-4.94E-01	0.00E+00	1.85E-18	-1.13E-07	-1.12E-05	5.01E-02	-8.36E+01	0.00E+00	0.00E+00	-1.57E+02	6.55E-18	-1.78E+01	0.00E+00	5.73E-08	-1.58E-06	-1.41E-01	0.00E+00	-1.54E+01	0.00E+00	-1.78E+01	-2.77E-03	-1.78E+01	-3.32E+01	-1.54E+01	0.00E+00	0.00E+00	0.00E+00	-6.91E+03
HW1M308DB	-4.92E+00	-3.19E+01	-7.80E-01	-3.11E+01	0.00E+00	0.00E+00	-1.14E+03	-4.93E-01	-2.13E-01	-2.73E+00	0.00E+00	-6.54E-07	-5.88E-07	-5.75E-05	-6.42E-01	-5.59E+02	0.00E+00	0.00E+00	-8.98E+02	-2.34E-04	-3.19E+02	0.00E+00	-1.51E-06	-9.00E-06	-7.77E-01	-1.54E-07	-1.10E+02	0.00E+00	-3.19E+02	-1.42E-02	-3.19E+02	-4.29E+02	-1.10E+02	0.00E+00	0.00E+00	0.00E+00	-3.87E+04
HW1M308DE	-4.93E+00	-3.35E+01	-7.90E-01	-3.27E+01	0.00E+00	0.00E+00	-1.14E+03	-4.93E-01	-2.14E-01	-2.74E+00	0.00E+00	2.77E-18	-5.99E-07	-5.75E-05	-6.73E-01	-5.64E+02	0.00E+00	0.00E+00	-8.97E+02	9.34E-18	-3.23E+02	0.00E+00	-1.55E-06	-9.02E-06	-7.80E-01	0.00E+00	-1.11E+02	0.00E+00	-3.23E+02	-1.42E-02	-3.23E+02	-4.34E+02	-1.11E+02	0.00E+00	0.00E+00	0.00E+00	-3.87E+04
HW1M308FB	2.78E-02	-5.43E+00	6.75E-02	-5.50E+00	0.00E+00	0.00E+00	4.85E+00	-1.54E-03	3.50E-02	-3.93E-02	0.00E+00	4.39E-19	-4.00E-08	2.66E-07	2.06E-03	-1.37E+02	0.00E+00	0.00E+00	-1.20E+01	1.69E-18	-3.01E+01	0.00E+00	-6.27E-08	-3.55E-07	-1.80E-02	0.00E+00	-2.01E+01	0.00E+00	-3.01E+01	-8.37E-05	-3.01E+01	-5.02E+01	-2.01E+01	0.00E+00	0.00E+00	0.00E+00	-5.69E+02
HW1M308FE	8.84E-02	8.25E+00	3.37E-01	7.91E+00	0.00E+00	0.00E+00	6.29E+01	-1.89E-03	6.60E-02	7.00E-02	0.00E+00	2.61E-18	9.20E-09	5.01E-07	3.87E-01	1.75E+01	0.00E+00	0.00E+00	5.41E+01	9.49E-18	9.53E+01	0.00E+00	7.59E-07	3.75E-07	2.28E-02	0.00E+00	9.31E+00	0.00E+00	9.53E+01	-5.29E-05	9.53E+01	1.05E+02	9.31E+00	0.00E+00	0.00E+00	0.00E+00	1.95E+03
HW1M310DB	-5.00E+00	-4.85E+01	-1.14E+00	-4.74E+01	0.00E+00	0.00E+00	-1.24E+03	-4.97E-01	-2.27E-01	-2.89E+00	0.00E+00	-6.54E-07	-7.01E-07	-5.80E-05	-1.18E+00	-5.87E+02	0.00E+00	0.00E+00	-1.01E+03	-2.34E-04	-5.02E+02	0.00E+00	-2.57E-06	-1.01E-05	-8.43E-01	-1.54E-07	-1.25E+02	0.00E+00	-5.02E+02	-1.44E-02	-5.02E+02	-6.27E+02	-1.25E+02	0.00E+00	0.00E+00	0.00E+00	-4.31E+04
HW1M310DE	-4.91E+00	-2.91E+01	-7.47E-01	-2.83E+01	0.00E+00	0.00E+00	-1.13E+03	-4.93E-01	-2.12E-01	-2.71E+00	0.00E+00	3.34E-18	-5.97E-07	-5.75E-05	-5.73E-01	-4.24E+02	0.00E+00	0.00E+00	-8.69E+02	1.15E-17	-2.93E+02	0.00E+00	-1.31E-06	-8.84E-06	-7.72E-01	0.00E+00	-8.94E+01	0.00E+00	-2.93E+02	-1.42E-02	-2.93E+02	-3.82E+02	-8.94E+01	0.00E+00	0.00E+00	0.00E+00	-3.84E+04
HW1M310FB	7.44E-02	5.77E+00	2.69E-01	5.50E+00	0.00E+00	0.00E+00	5.80E+01	8.12E-05	4.34E-02	5.82E-02	0.00E+00	2.23E-18	9.08E-09	5.03E-07	3.37E-01	1.26E+01	0.00E+00	0.00E+00	4.75E+01	7.99E-18	8.13E+01	0.00E+00	6.35E-07	3.21E-07	1.87E-02	0.00E+00	7.62E+00	0.00E+00	8.13E+01	1.82E-05	8.13E+01	8.89E+01	7.62E+00	0.00E+00	0.00E+00	0.00E+00	1.73E+03
HW1M310FE	2.91E-02	-5.23E-01	6.74E-02	-6.11E-01	0.00E+00	0.00E+00	7.41E+00	-1.43E-03	2.93E-02	-6.87E-03	0.00E+00	1.01E-18	-3.70E-08	1.99E-07	9.50E-02	-6.88E+00	0.00E+00	0.00E+00	-6.44E+00	3.84E-18	-3.39E+00	0.00E+00	1.47E-07	-1.85E-07	-9.38E-03	0.00E+00	-5.62E+00	0.00E+00	-3.39E+00	-6.84E-05	-3.39E+00	-3.95E+00	-5.62E+00	0.00E+00	0.00E+00	0.00E+00	-3.73E+02
HW1M312DB	4.79E-01	1.69E+01	1.28E+00	1.57E+01	0.00E+00	0.00E+00	2.43E+02	4.38E-04	3.30E-01	1.91E-01	0.00E+00	-6.54E-07	4.42E-08	3.62E-06	1.15E+00	-5.20E+01	0.00E+00	0.00E+00	2.11E+02	-2.34E-04	2.05E+02	0.00E+00	2.05E-06	1.19E-06	7.36E-02	-1.54E-07	1.66E+01	0.00E+00	2.05E+02	2.51E-05	2.05E+02	2.82E+02	1.66E+01	0.00E+00	0.00E+00	0.00E+00	7.88E+03
HW1M312FB	6.83E-02	-2.00E+00	1.64E-01	-2.16E+00	0.00E+00	0.00E+00	2.11E+01	-1.29E-03	6.06E-02	-7.42E-03	0.00E+00	9.67E-19	-3.14E-08	5.46E-07	8.65E-02	-1.32E+02	0.00E+00	0.00E+00	5.09E+00	3.70E-18	-4.47E+00	0.00E+00	1.27E-07	-2.03E-07	-7.03E-03	0.00E+00	-1.77E+01	0.00E+00	-4.47E+00	-7.13E-05	-4.47E+00	-2.21E+01	-1.77E+01	0.00E+00	0.00E+00	0.00E+00	8.25E+01
HW1M312FE	8.37E-02	6.11E+00	3.21E-01	5.79E+00	0.00E+00	0.00E+00	6.06E+01	-1.93E-03

HW1N310FE	4.74E-03	-1.72E+00	7.17E-02	-1.79E+00	0.00E+00	0.00E+00	1.11E+00	-3.46E-03	2.63E-02	-2.71E-02	0.00E+00	8.53E-19	-3.98E-08	-5.80E-08	7.62E-02	-8.50E+00	0.00E+00	0.00E+00	-1.15E+01	3.25E-18	-8.42E+00	0.00E+00	1.05E-02	-2.41E-07	-1.47E-02	0.00E+00	-1.10E+00	0.00E+00	-8.42E+00	-1.42E-04	-8.42E+00	-9.52E+00	-1.10E+00	0.00E+00	0.00E+00	0.00E+00	-5.80E+02
HW1N312DB	4.93E-01	2.30E+01	1.33E+00	2.17E+01	0.00E+00	0.00E+00	2.49E+02	4.59E-04	3.33E-01	2.33E-01	0.00E+00	-6.54E-07	4.52E-08	3.64E-06	1.25E+00	8.22E+01	0.00E+00	0.00E+00	2.18E+02	-2.34E-04	2.99E+02	0.00E+00	2.32E-06	1.38E-06	8.44E-02	-1.54E-07	3.71E+01	0.00E+00	2.99E+02	3.54E-05	2.99E+02	3.33E+02	3.71E+01	0.00E+00	0.00E+00	0.00E+00	8.11E+03
HW1N312DE	3.78E-03	1.49E+00	9.13E-01	5.80E-01	0.00E+00	0.00E+00	1.32E+02	-5.09E-03	3.14E-01	2.51E-02	0.00E+00	-6.54E-07	-6.40E-08	2.88E-06	6.09E-01	-8.91E+01	0.00E+00	0.00E+00	9.14E+01	-2.34E-04	7.76E+01	0.00E+00	9.85E-07	2.49E-08	5.98E-03	-1.54E-07	-3.58E-01	0.00E+00	7.76E+01	-2.49E-04	7.76E+01	7.73E+01	-3.58E-01	0.00E+00	0.00E+00	0.00E+00	3.17E+03
HW1N312FB	6.80E-02	-1.94E+00	1.62E-01	-2.10E+00	0.00E+00	0.00E+00	2.02E+01	-1.33E-03	6.06E-02	-7.73E-03	0.00E+00	9.64E-19	-3.25E-08	5.41E-07	8.55E-02	-1.25E+02	0.00E+00	0.00E+00	4.20E+00	3.70E-18	-5.07E+00	0.00E+00	1.27E-07	-2.06E-07	-7.36E-03	0.00E+00	-1.67E+01	0.00E+00	-5.07E+00	-7.30E-05	-5.07E+00	-2.18E+01	-1.67E+01	0.00E+00	0.00E+00	0.00E+00	4.66E+01
HW1N312FE	-9.57E-01	-6.28E+00	-1.04E-01	-6.18E+00	0.00E+00	0.00E+00	-2.08E+02	-9.63E-02	-4.07E-02	-5.23E-01	0.00E+00	1.27E-18	-1.16E-07	-1.12E-05	-6.31E-02	-2.20E+02	0.00E+00	0.00E+00	-1.67E+02	4.36E-18	-4.81E+01	0.00E+00	-1.78E-07	-1.76E-06	-1.49E-01	0.00E+00	-3.65E+01	0.00E+00	-4.81E+01	-2.79E-03	-4.81E+01	-8.46E+01	-3.65E+01	0.00E+00	0.00E+00	0.00E+00	-7.27E+03
HW1N316DB	4.98E+00	-4.03E+01	-1.07E+00	-3.92E+01	0.00E+00	0.00E+00	-1.24E+03	-4.97E-01	-2.22E-01	-2.84E+00	0.00E+00	-6.54E-07	-7.00E-07	-5.79E-05	-1.04E+00	-4.35E+02	0.00E+00	0.00E+00	-9.99E+02	-2.34E-04	-4.64E+02	0.00E+00	-2.23E-06	-9.88E-06	-8.28E-01	-1.54E-07	-1.02E+02	0.00E+00	-4.64E+02	-1.44E-02	-4.64E+02	-5.65E+02	-1.02E+02	0.00E+00	0.00E+00	0.00E+00	-4.28E+04
HW1N316DE	4.78E-01	1.68E+01	1.28E+00	1.55E+01	0.00E+00	0.00E+00	2.42E+02	4.36E-04	3.30E-01	1.90E-01	0.00E+00	6.43E-18	4.46E-08	3.62E-06	1.13E+00	-5.24E+01	0.00E+00	0.00E+00	2.11E+02	2.33E-17	2.64E+02	0.00E+00	2.04E-06	1.18E-06	7.33E-02	0.00E+00	1.65E+01	0.00E+00	2.64E+02	2.53E-05	2.64E+02	2.80E+02	1.65E+01	0.00E+00	0.00E+00	0.00E+00	7.87E+03
HW1N316FB	4.30E-02	2.41E+00	2.27E-01	2.18E+00	0.00E+00	0.00E+00	4.72E+01	-1.97E-03	3.95E-02	2.73E-02	0.00E+00	1.82E-18	5.34E-09	2.34E-07	2.46E-01	-1.26E+02	0.00E+00	0.00E+00	3.57E+01	6.39E-18	5.34E+01	0.00E+00	4.21E-07	1.21E-07	9.46E-03	0.00E+00	-1.36E+01	0.00E+00	5.34E+01	-6.60E-05	5.34E+01	3.97E+01	-1.36E+01	0.00E+00	0.00E+00	0.00E+00	1.27E+03
HW1N316FE	-9.55E-01	-5.41E+00	-9.81E-02	-5.31E+00	0.00E+00	0.00E+00	-2.08E+02	-9.63E-02	-4.01E-02	-5.16E-01	0.00E+00	-6.54E-07	-1.16E-07	-1.12E-05	-3.99E-02	-2.18E+02	0.00E+00	0.00E+00	-1.66E+02	-2.34E-04	-4.55E+01	0.00E+00	-1.54E-07	-1.75E-06	-1.48E-01	-1.54E-07	-3.60E+01	0.00E+00	-4.55E+01	-2.79E-03	-4.55E+01	-8.15E+01	-3.60E+01	0.00E+00	0.00E+00	0.00E+00	-7.25E+03
HW1N404DB	-6.64E+00	-5.98E+01	-1.48E+00	-5.83E+01	0.00E+00	0.00E+00	-1.65E+03	-6.60E-01	-2.99E-01	-3.81E+00	0.00E+00	-6.54E-07	-9.16E-07	-7.71E-05	-1.51E+00	-7.77E+02	0.00E+00	0.00E+00	-1.33E+03	-2.34E-04	-6.41E+02	0.00E+00	-3.26E-06	-1.32E-05	-1.11E+00	-1.54E-07	-1.65E+02	0.00E+00	-6.41E+02	-1.92E-02	-6.41E+02	-8.06E+02	-1.65E+02	0.00E+00	0.00E+00	0.00E+00	-5.69E+04
HW1N404DE	-6.65E+00	-6.27E+01	-1.50E+00	-6.12E+01	0.00E+00	0.00E+00	-1.65E+03	-6.60E-01	-3.01E-01	-3.83E+00	0.00E+00	6.19E-20	-9.16E-07	-7.71E-05	-1.56E+00	-7.86E+02	0.00E+00	0.00E+00	-1.33E+03	2.18E-19	-6.49E+02	0.00E+00	-3.34E-06	-1.35E-05	-1.11E+00	-1.54E-07	-1.67E+02	0.00E+00	-6.49E+02	-1.92E-02	-6.49E+02	-8.16E+02	-1.67E+02	0.00E+00	0.00E+00	0.00E+00	-5.70E+04
HW1N404FB	8.04E-02	2.50E+00	2.82E-01	2.22E+00	0.00E+00	0.00E+00	6.32E+01	1.12E-04	5.17E-02	4.43E-02	0.00E+00	2.10E-18	1.06E-08	6.06E-07	2.97E-01	-1.68E+02	0.00E+00	0.00E+00	4.89E+01	7.41E-18	6.68E+01	0.00E+00	5.15E-07	1.94E-07	1.54E-02	0.00E+00	-1.85E+01	0.00E+00	6.68E+01	1.09E-05	6.68E+01	4.83E+01	-1.85E+01	0.00E+00	0.00E+00	0.00E+00	1.79E+03
HW1N404FE	-1.30E+00	-1.60E+01	-3.16E-01	-1.57E+01	0.00E+00	0.00E+00	-3.28E+02	-1.29E-01	-4.04E-02	-7.68E-01	0.00E+00	2.54E-19	-2.04E-07	-1.55E-05	-3.33E-01	-3.05E+02	0.00E+00	0.00E+00	-2.76E+02	9.26E-19	-1.54E+02	0.00E+00	-7.59E-07	-2.88E-06	-2.29E-01	0.00E+00	-5.57E+01	0.00E+00	-1.54E+02	-3.77E-03	-1.54E+02	-2.10E+02	-5.57E+01	0.00E+00	0.00E+00	0.00E+00	-1.18E+04
HW1N406DB	-6.55E+00	-4.22E+01	-1.07E+00	-4.11E+01	0.00E+00	0.00E+00	-1.53E+03	-6.57E-01	-2.84E-01	-3.60E+00	0.00E+00	3.64E-18	-7.97E-07	-7.65E-05	-9.12E-01	-7.40E+02	0.00E+00	0.00E+00	-1.20E+03	1.24E-17	-4.34E+02	0.00E+00	-2.08E-06	-1.20E-05	-1.03E+00	0.00E+00	-1.47E+02	0.00E+00	-4.34E+02	-1.89E-02	-4.34E+02	-5.80E+02	-1.47E+02	0.00E+00	0.00E+00	0.00E+00	-5.17E+04
HW1N406DE	5.49E-01	6.52E+00	1.26E+00	5.25E+00	0.00E+00	0.00E+00	1.93E+02	-3.31E-03	4.25E-01	8.86E-02	0.00E+00	-6.54E-07	-6.19E-08	4.25E-06	8.83E-01	-1.00E+02	0.00E+00	0.00E+00	1.42E+02	-2.34E-04	1.37E+02	0.00E+00	1.50E-06	3.16E-07	2.76E-02	-1.54E-07	3.61E+00	0.00E+00	1.37E+02	-1.95E-04	1.37E+02	1.41E+02	3.61E+00	0.00E+00	0.00E+00	0.00E+00	5.04E+03
HW1N406FB	9.48E-02	8.38E+00	3.33E-01	8.04E+00	0.00E+00	0.00E+00	6.92E+01	9.12E-05	5.46E-02	8.19E-02	0.00E+00	2.85E-18	1.08E-08	6.21E-07	4.32E-01	1.63E+01	0.00E+00	0.00E+00	5.79E+01	1.03E-17	1.03E+02	0.00E+00	8.12E-07	4.12E-07	2.54E-02	0.00E+00	9.46E+00	0.00E+00	1.03E+02	2.30E-05	1.03E+02	1.12E+02	9.46E+00	0.00E+00	0.00E+00	0.00E+00	2.10E+03
HW1N406FE	1.18E-01	8.25E+00	4.22E-01	7.82E+00	0.00E+00	0.00E+00	8.02E+01	-1.91E-03	8.61E-02	7.42E-02	0.00E+00	-6.54E-07	1.09E-08	7.28E-07	4.71E-01	2.16E+01	0.00E+00	0.00E+00	6.89E+01	-2.34E-04	1.16E+02	0.00E+00	9.17E-07	4.55E-07	2.58E-02	-1.54E-07	1.16E+01	0.00E+00	1.16E+02	-5.01E-05	1.16E+02	1.28E+02	1.16E+01	0.00E+00	0.00E+00	0.00E+00	2.50E+03
HW1N408DB	6.35E-01	2.35E+01	1.66E+00	2.18E+01	0.00E+00	0.00E+00	3.08E+02	5.44E-04	4.39E-01	2.59E-01	0.00E+00	-6.54E-07	5.39E-08	4.78E-06	1.47E+00	-7.28E+01	0.00E+00	0.00E+00	2.67E+02	-2.34E-04	3.39E+02	0.00E+00	2.65E-06	1.54E-06	9.82E-02	-1.54E-07	2.00E+01	0.00E+00	3.39E+02	2.45E-05	3.39E+02	3.56E+02	2.00E+01	0.00E+00	0.00E+00	0.00E+00	9.94E+03
HW1N408DE	6.19E-01	2.42E+01	1.68E+00	2.25E+01	0.00E+00	0.00E+00	3.07E+02	-1.50E-03	4.37E-01	2.47E-01	0.00E+00	-6.54E-07	5.39E-08	4.54E-06	1.53E+00	9.67E+01	0.00E+00	0.00E+00	2.74E+02	-2.34E-04	3.61E+02	0.00E+00	2.80E-06	1.66E-06	9.63E-02	-1.54E-07	4.57E+01	0.00E+00	3.61E+02	-3.24E-05	3.61E+02	4.07E+02	4.57E+01	0.00E+00	0.00E+00	0.00E+00	1.02E+04
HW1N408FB	-7.06E-01	2.72E-01	2.68E-02	2.45E-01	0.00E+00	0.00E+00	-1.34E+02	-7.30E-02	-2.60E-02	-3.57E-01	0.00E+00	2.24E-18	-8.29E-08	-8.43E-06	1.64E-01	-5.71E+01	0.00E+00	0.00E+00	-1.05E+02	7.90E-18	1.69E+01	0.00E+00	2.75E-07	-1.09E-06	-1.02E-01	0.00E+00	-8.92E+00	0.00E+00	1.69E+01	-2.08E-03	1.69E+01	7.95E+00	-8.92E+00	0.00E+00	0.00E+00	0.00E+00	-4.73E+03
HW1N408FE	1.29E-01	4.74E+00	3.91E-01	4.35E+00	0.00E+00	0.00E+00	7.96E+01	8.77E-05	8.66E-02	6.58E-02	0.00E+00	-6.54E-07	1.23E-08	9.65E-07	3.93E-01	-1.64E+02	0.00E+00	0.00E+00	6.43E+01	-2.34E-04	8.62E+01	0.00E+00	6.81E-07	2.94E-07	2.28E-02	-1.54E-07	-1.62E+01	0.00E+00	8.62E+01	8.14E-06	8.62E+01	7.00E+01	-1.62E+01	0.00E+00	0.00E+00	0.00E+00	2.39E+03
HW1N410DB	6.45E-01	2.63E+01	1.70E+00	2.46E+01	0.00E+00	0.00E+00	3.14E+02	5.33E-04	4.41E-01	2.74E-01	0.00E+00	-6.54E-07	5.69E-08	4.80E-06	1.56E+00	1.09E+02	0.00E+00	0.00E+00	2.80E+02	-2.34E-04	3.69E+02	0.00E+00	2.87E-06	1.73E-06	1.03E-01	-1.54E-07	4.78E+01	0.00E+00	3.69E+02	4.15E-05	3.69E+02	4.17E+02	4.78E+01	0.00E+00	0.00E+00	0.00E+00	1.04E+04
HW1N410DE	-6.62E+00	-5.22E+01	-1.41E+00	-5.08E+01	0.00E+00	0.00E+00	-1.64E+03	-6.60E-01	-2.94E-01	-3.76E+00	0.00E+00	-6.54E-07	-9.14E-07	-7.71E-05	-1.38E+00	-5.84E+02	0.00E+00	0.00E+00	-1.32E+03	-2.34E-04	-5.98E+02	0.00E+00	-2.90E-06	-1.30E-05	-1.09E+00	-1.54E-07	-1.36E+02	0.00E+00	-5.98E+02	-1.91E-02	-5.98E+02	-7.34E+02	-1.36E+02	0.00E+00	0.00E+00	0.00E+00	-5.65E+04
HW1N410FB	-7.69E-01	-8.01E+00	-1.66E-01	-7.84E+00	0.00E+00	0.00E+00	-1.94E+02	-7.68E-02	-3.53E-02	-4.50E-01	0.00E+00	7.78E-19	-1.39E-07	-8.93E-06	-1.33E-01	-7.78E+01	0.00E+00	0.00E+00	-1.68E+02	2.96E-18	-8.09E+01	0.00E+00	-2.85E-07	-1.71E-06	-1.38E-01	0.00E+00	-1.80E+01	0.00E+00	-8.09E+01	-2.26E-03	-8.09E+01	-9.89E+01	-1.80E+01	0.00E+00	0.00E+00	0.00E+00	-7.21E+03
HW1N410FE	-1.27E+00	-1.16E+01	-2.63E-01	-1.13E+01	0.00E+00	0.00E+00	-3.15E+02	-1.27E-01	-5.59E-02	-7.30E-01	0.00E+00	8.19E-19	-2.00E-07	-1.48E-05	-2.35E-01	-1.28E+02	0.00E+00	0.00E+00	-2.62E+02	3.10E-18	-1.19E+02	0.00E+00	-4.83E-07	-2.63E-06	-2.18E-01	0.00E+00	-2.87E+01	0.00E+00	-1.19E+02	-3.69E-03	-1.19E+02	-1.48E+02	-2.87E+01	0.00E+00	0.00E+00	0.00E+00	-1.13E+04
HW1N412DB	6.02E-01	1.82E+01	1.61E+00	1.66E+01	0.00E+00	0.00E+00	2.98E+02	-1.54E-03	4.34E-01	2.07E-01	0.00E+00	-6.54E-07	4.90E-08	4.51E-06	1.38E+00	-8.96E+01	0.00E+00	0.00E+00	2.58E+02	-2.34E-04	3.20E+02	0.00E+00	2.48E-06	1.40E-06	8.51E-02	-1.54E-07	1.66E+01	0.00E+00	3.20E+02	-5.36E-05	3.20E+02	3.36E+02	1.66E+01	0.00E+00	0.00E+00	0.00E+00	9.58E+03
HW1N412DE	6.50E-01	2.91E+01	1.72E+00	2.74E+01	0.00E+00	0.00E+00	3.15E+02	5.33E-04	4.42E-01	2.96E-01	0.00E+00	-6.54E-07	5.73E-08	4.80E-06	1.59E+00	1.10E+02	0.00E+00	0.00E+00	2.82E+02	-2.34E-04	3.76E+02	0.00E+00	2.95E-06	1.77E-06	1.08E-01	-1.54E-07	4.82E+01	0.00E+00	3.76E+02	4.24E-05	3.76E+02	4.25E+02	4.82E+01	0.00E+00	0.00E+00	0.00E+00	1.05E+04
HW1N412FB	-7.60E-01	-1.24E+01	-2.07E-01	-1.22E+01	0.00E+00	0.00E+00	-1.96E+02	-7.49E-02	-3.54E-02	-4.66E-01	0.00E+00	2.01E-19	-1.39E-07	-8.70E-06	-2.44E-01	-2.59E+02	0.00E+00	0.00E+00	-1.75E+02	7.69E-19	-1.15E+02	0.00E+00	-5.49E-07	-1.89E-06	-1.44E-01	0.00E+00	-4.55E+01	0.00E+00	-1.15E+02	-2.20E-03	-1.15E+02	-1.61E+02	-4.55E+01	0.00E+00	0.00E+00	0.00E+00	-7.43E+03
HW1N412FE	-1.26E+00	-7.49E+00	-1.33E-01	-7.36E+00	0.00E+00	0.00E+00	-2.75E+02	-1.27E-01	-5.32E-02	-6.94E-01	0.00E+00	-6.54E-07	-1.52E-07	-1.48E-05	-5.95E-02	-2.92E+02	0.00E+00	0.00E+00	-2.19E+02	-2.34E-04	-6.07E+01	0.00E+00	-2.16E-07	-2.31E-06	-1.95E-01	-1.54E-07	-8.82E+01	0.00E+00	-6.07E+01	-1.67E-03	-6.07E+01	-1.09E+02	-8.82E+01	0.00E+00	0.00E+00	0.00E+00	-9.56E+03
HW1N416DB	-6.65E+00	-6.26E+01	-1.50E+00	-6.11E+01	0.00E+00	0.00E+00	-1.65E+03	-6.60E-01	-3.01E-01	-3.83E+00	0.00E+00	6.87E-20	-9.16E-07	-7.71E-05	-1.54E+00	-7.82E+02	0.00E+00	0.00E+00	-1.33E+03	2.34E-19	-6.49E+02	0.00E+00	-3.34E-06	-1.33E-05	-1.11E+00	0.00E+00	-1.66E+02	0.00E+00	-6.49E+02	-1.92E-02	-6.49E+02	-8.15E+02	-1.66E+02	0.00E+00	0.00E+00	0.00E+00	-5.69E+04
HW1N416DE	-6.65E+00	-6.12E+01	-1.49E+00	-5.97E+01	0.00E+00	0.00E+00	-1.65E+03	-6.60E-01	-3.00E-01	-3.82E+00	0.00E+00	-6.54E-07	-9.18E-07	-7.71E-05	-1.53E+00	-7.81E+02	0.00E+00	0.00E+00	-1.33E+03	-2.34E-04	-6.47E+02	0.00E+00	-3.30E-06	-1.33E-05	-1.11E+00	-1.54E-07	-1.66E+02	0.00E+00	-6.47E+02	-1.92E-02	-6.47E+02	-8.13E+02	-1.66E+02	0.00E+00	0.00E+00	0.00E+00	-5.70E+04
HW1N416FB	1.04E-01	1.78E+00	2.65E-01	1.51E+00	0.00E+00	0.00E+00	3.55E+01	-1.58E-03	8.24E-02	1.75E-02	0.00E+00	1.82E-18	-3.72E-08	7.48E-07	2.48E-01	8.87E+00	0.00E+00	0.00E+00	1.93E+01	6.92E-18	3.14E+01	0.00E+00	4.44E-07	-3.31E-08	-3.90E-04	0.00E+00	4.74E+00	0.00E+00	3.14E+01	-7.36E-05	3.14E+01	3.62E+01	4.74E+00	0.00E+00	0.00E+00	0.00E+00	5.78E+02
HW1N416FE	-1.29E+00	-1.20E+01	-2.78E-01	-1.17E+01	0.00E+00	0.00E+00	-3.23E+02	-1.29E-01	-5.84E-02	-7.45E-01	0.00E+00	7.60E-19	-2.04E-07	-1.50E-05	-2.34E-01	-1.30E+02	0.00E+00	0.00E+00	-2.68E+02	2.88E-18	-1.24E+02	0.00E+00	-5.17E-07	-2.69E-06	-2.22E-01	0.00E+00	-2.93E+01	0.00E+00	-1.24E+02	-3.76E-03	-1.24E+02	-1.54E+02	-2.93E+01	0.00E+00	0.00E+00	0.00E+00	-1.15E+04
HW1W304DS	-4.83E+00	-2.73E+01	-7.34E-01	-2.66E+01	0.00E+00	0.00E+00	-1.12E+03	-4.86E-01	-2.06E-01	-2.66E+00	0.00E+00	3.42E-18	-5.89E-07	-5.66E-05	-5.48E-01	-4.12E+02	0.00E+00	0.00E+00	-8.77E+02	1.19E-17	-2.88E+02	0.00E+00	-1.28E-06	-8.69E-06	-7.58E-01	0.00E+00	-8.76E+01	0.00E+00	-2.88E+02	-1.40E-02	-2.88E+02	-3.76E+02	-8.76E+01	0.00E+00	0.00E+00	0.00E+00	-3.80E+04
HW1W304FS	-9.32E-01	-1.28E+01	-2.40E-01	-1.26E+01	0.00E+00	0.00E+00	-2.36E+02	-9.19E-02	-4.41E-02	-5.60E-01	0.00E+00	0.00E+00	1.50E-07	-1.07E-05	-2.75E-01	-2.16E+02	0.00E+00	0.00E+00	-2.01E+02	0.00E+00	-1.19E+02	0.00E+00	-6.00E-07	-2.10E-06	-1.67E-01	0.00E+00	-3.99E+01	0.00E+00	-1.19E+02	-2.70E-03	-1.19E+02	-1.59E+02	-3.99E+01	0.00E+00	0.00E+00	0.00E+00	-8.58E+03
HW1W306DS	-4.92E+00	-4.56E+01	-1.10E+00	-4.45E+01	0.00E+00	0.00E+00	-1.22E+03	-4.89E-01	-2.21E-01	-2.83E+00	0.00E+00	3.67E-18	-6.88E-07	-5.70E-05	-1.13E+00	-5.60E+02	0.00E+00	0.00E+00	-9.89E+02	1.28E-18	-4.87E+02	0.00E+00	-2.47E-06	-9.90E-06	-8.25E-01	0.00E+00	-1.20E+02	0.00E+00	-4.87E+02	-1.42E-02	-4.87E+02	-6.07E+02	-1.20E+02	0.00E+00	0.00E+00	0.00E+00	-4.23E+04
HW1W306FS	-9.32E-01	-1.28E+01	-2.40E-01	-1.26E+01	0.00E+00	0.00E+00	-2.36E+02	-9.19E-02	-4.41E-02	-5.60E-01	0.00E+00	0.00E+00	1.50E-07	-1.07E-05	-2.75E-01	-2.16E+02	0.00E+00	0.00E+00	-2.01E+02	0.00E+00	-1.19E+02	0.00E+00	-6.00E-07	-2.10E-06	-1.67E-01	0.00E+00	-3.99E+01	0.00E+00	-1.19E+02	-2.70E-03	-1.19E+02	-1.59E+02	-3.99E+01	0.00E+00	0.00E+00	0.00E+00	-8.58E+03
HW1W308DS	4.49E-01	1.62E+01	1.24E+00	1.50E+01	0.00E+00	0.00E+00	2.31E+02	-1.60E-03	3.23E-01	1.72E-01	0.00E+00	6.22E-18	3.84E-08	3.31E-06	1.10E+00	-4.54E+01	0.00E+00	0.00E+00	1.98E+02	2.27E-17	2.54E+02	0.00E+00	1.97E-06	1.11E-06	6.79E-02	0.00E+00	1.64E+01	0.00E+00	2.54E+02	-5.39E-05	2.54E+02	2.70E+02	1.64E+01	0.00E+00	0.00E+00	0.00E+00	7.35E+03
HW1W308FS	-6.98E-01	-9.82E+00	-1.46E-01	-9.67E+00	0.00E+00	0.00E+00	-1.20E+02	-4.40E-02	-2.33E-02	-2.94E-01	0.00E+00	0.00E+00	-9.44E-08	-5.11E-06	-1.79E-01	-1.75E+02	0.00E+00	0.00E+00	-1.12E+02	0.00E+00	-8.53E+01	0.00E+00	-4.17E-07	-1.25E-06	-9.24E-02	0.00E+00	-3.08E+01	0.00E+00	-8.53E+01	-1.32E-03	-8.53E+01	-1.16E+02	-3.08E+01	0.00E+00	0.00E+00	0.00E+00	-4.74E+03
HW1W310DS	-6.92E+00	-4.47E+01	-1.03E+00	-4.36E+01	0.00E+00	0.00E+00	-1.11E+03	-4.43E-01	-2.04E-01	-2.59E+00	0.00E+00	0.00E+00	-6.36E-07	-5.17E-05	-1.09E+00	-5.31E+02	0.00E+00	0.00E+00	-9.07E+02	0.00E+00	-4.62E+02	0.00E+00	-2.36E-06	-9.11E-06	-7.57E-01	0.00E+00	-1.13E+02	0.00E+00	-4.62E+02	-1.29E-02	-4.62E+02	-5.75E+02	-1.13E+02	0.00E+00	0.00E+00	0.00E+00	-3.87E+04
HW1W310FS	-9.32E-01	-1.28E+01	-2.40E-01	-1.26E+01	0.00E+00	0.00E+00	-2.36E+02	-9.19E-02	-4.41E-02	-5.60E-01	0.00E+00	0.00E+00	-1.50E-07	-1.07E-05	-2.75E-01	-2.16E+02	0.00E+00	0.00E+00	-2.01E+02	0.00E+00	-1.19E+02	0.00E+00	-6.00E-07	-2.10E-06	-1.67E-01	0.00E+00	-3.99E+01	0.00E+00	-1.19E+02	-2.70E-03	-1.19E+02	-1.59E+02	-3.99E+01	0.00E+00	0.00E+00	0.00E+00	-8.58E+03
HW1W312DS	3.92E-03	-2.52E-01	8.95E-01	-1.15E+00	0.00E+00	0.00E+00	1.35E+02	-2.94E-03	3.12E-01	2.14E-02	0.00E+00	3.34E-18	-6.01E-08	3.10E-06	5.72E-01	-8.06E+01	0.00E+00	0.00E+00	9.23E+01	1.28E-17	7.45E+01	0.00E+00	9.34E-07	5.21E-08	6.48E-03	0.00E+00	5.40E-01	0.00E+00	7.45E+01	-1.73E-04	7.45E+01	7.50E+01	5.40E-01	0.00E+00	0.00E+00	0.00E+00	3.23E+03
HW1W312FS	-9.32E-01	-1.28E+01	-2.40E-01	-1.26E+01	0.00E+00	0.00E+00	-2.36E+02	-9.19E-02	-4.41E-02	-5.60E-01	0.00E+00	0.00E+00	-1.50E-07	-1.07E-05	-2.75E-01	-2.16E+02	0.00E+00	0.00E+00	-2.01E+02	0.00E+00	-1.19E+02	0.00E+00	-6.00E-07	-2.10E-06	-1.67E-01	0.00E+00	-3.99E+01	0.00E+00	-1.19E+02	-2.70E-03	-1.19E+02	-1.59E+02	-3.99E+01	0.00E+00	0.00E+00	0.00E+00	-8.58E+03
HW1W316DS	-4.94E+00	-4.59E+01	-1.11E+00	-4.48E+01	0.00E+00	0.00E+00	-1.23E+03	-4.91E-01	-2.23E-01	-2.84E+00	0.00E+00	3.37E-18	-6.91E-07	-5.73E-05	-1.14E+00	-5.62E+02	0.00E+00	0.00E+00	-9.93E+02	1.16E-18	-4.90E+02	0.00E+00	-2.49E-06	-9.94E-06	-8.29E-01	0.00E+00	-1.21E+02	0.00E+00	-4.90E+02	-1.43E-02	-4.90E+02	-6.11E+02	-1.21E+02	0.00E+00	0.00E+00	0.00E+00	-4.25E+04
HW1W316FS	-9.35E-01	-1.33E+01	-2.45E-01	-1.31E+01	0.00E+00	0.00E+00	-2.38E+02	-9.21E-02	-4.45E-02	-5.65E-01	0.00E+00	0.00E+00	-1.54E-07	-1.07E-05	-2.82E-01	-2.16E+02	0.00E+00	0.00E+00	-2.04E+02	0.00E+00	-1.24E+02	0.00E+00	-6.21E-07	-2.14E-06	-1.70E-01	0.00E+00	-4.03E+01	0.00E+00	-1.24E+02	-2.71E-03	-1.24E+02	-1.64E+02	-4.03E+01	0.00E+00	0.00E+00	0.00E+00	-8.68E+03
HW1W404DS	5.58E-01	2.53E+01	1.55E+00	2.38E+01	0.00E+00	0.00E+00	2.85E+02	-1.49E-03	3.92E-01	2.49E-01	0.00E+00	8.20E-18	5.06E-08	4.05E-06	1.45E+00	9.54E+01	0.00E+00	0.00E+00	2.52E+02	3.00E-17	3.42E+02	0.00E+00	2.66E-06	1.56E-06	9.31E-02	0.00E+00	4.32E+01	0.00E+00	3.42E+02	-3.13E-05	3.42E+02	3.85E+02	4.32E+01	0.00E+00	0.00E+00	0.00E+00	9.35E+03
HW1W404FS	-5.36E-01	1.86E+00	5.25E-02	1.81E+00	0.00E+00	0.00E+00	-9.49E+01	-5.58E

HW2E316DE	2.02E-02	4.32E+00	7.17E-02	4.25E+00	0.00E+00	0.00E+00	1.35E+01	2.28E-05	9.93E-03	3.74E-02	0.00E+00	9.22E-19	1.60E-09	9.66E-08	1.07E-01	-3.51E-01	0.00E+00	0.00E+00	1.03E+01	3.41E-18	2.58E+01	0.00E+00	2.25E-02	1.08E-07	9.62E-03	0.00E+00	1.32E+00	0.00E+00	2.58E+01	4.35E-05	2.58E+01	2.71E+01	1.32E+00	0.00E+00	0.00E+00	0.00E+00	3.54E+02
HW2E316FB	-9.62E-02	2.94E+00	-2.74E-02	2.91E+00	0.00E+00	0.00E+00	-1.62E+01	-1.06E-02	-1.89E-03	-2.70E-02	0.00E+00	-1.02E-06	-1.10E-08	-1.21E-06	6.14E-02	-2.68E+01	0.00E+00	0.00E+00	-1.22E+01	-3.64E-04	1.13E+01	0.00E+00	1.30E-02	-1.22E-07	-9.10E-03	-2.40E-07	-3.56E+00	0.00E+00	1.13E+01	-3.00E-04	1.13E+01	7.71E+00	-3.56E+00	0.00E+00	0.00E+00	0.00E+00	-5.83E+02
HW2E316FE	-9.52E-02	3.45E+00	-3.24E-02	3.42E+00	0.00E+00	0.00E+00	-1.56E+01	-1.06E-02	-1.61E-03	-2.38E-02	0.00E+00	8.99E-19	-1.09E-08	-1.22E-06	7.30E-02	-1.06E+01	0.00E+00	0.00E+00	-1.13E+01	3.25E-18	1.47E+01	0.00E+00	1.57E-02	-1.02E-07	-8.21E-03	0.00E+00	-1.09E+00	0.00E+00	1.47E+01	-3.00E-04	1.47E+01	1.36E+01	-1.09E+00	0.00E+00	0.00E+00	0.00E+00	-5.52E+02
HW2E320DB	-9.50E-02	3.39E+00	3.20E-02	3.36E+00	0.00E+00	0.00E+00	-1.55E+01	-1.06E-02	-1.64E-03	-2.41E-02	0.00E+00	-1.02E-06	-1.09E-08	-1.21E-06	7.20E-02	-1.07E+01	0.00E+00	0.00E+00	-1.13E+01	-3.64E-04	1.45E+01	0.00E+00	1.55E-02	-1.02E-07	-8.28E-03	-2.40E-07	-1.11E+00	0.00E+00	1.45E+01	-2.99E-04	1.45E+01	1.34E+01	-1.11E+00	0.00E+00	0.00E+00	0.00E+00	-5.51E+02
HW2E320DE	1.20E-02	2.51E+00	3.75E-02	2.47E+00	0.00E+00	0.00E+00	3.21E+00	-3.21E-04	8.49E-03	2.07E-02	0.00E+00	6.44E-19	-7.62E-09	4.96E-08	4.88E-02	-1.86E+01	0.00E+00	0.00E+00	4.09E-01	2.41E-18	5.90E+00	0.00E+00	1.05E-02	-1.22E-08	2.90E-03	0.00E+00	-2.34E+00	0.00E+00	5.90E+00	-1.44E-05	5.90E+00	3.56E+00	-2.34E+00	0.00E+00	0.00E+00	0.00E+00	-2.09E+01
HW2E320FB	1.35E-02	3.09E+00	4.23E-02	3.05E+00	0.00E+00	0.00E+00	3.98E+00	-3.17E-04	8.78E-03	2.43E-02	0.00E+00	7.08E-19	-7.45E-09	5.16E-08	6.13E-02	1.96E+00	0.00E+00	0.00E+00	1.50E+00	2.66E-18	9.83E+00	0.00E+00	1.36E-02	1.22E-08	3.94E-03	0.00E+00	7.88E-01	0.00E+00	9.83E+00	-1.27E-05	9.83E+00	1.06E+01	7.88E-01	0.00E+00	0.00E+00	0.00E+00	1.83E+01
HW2E320FE	1.27E-02	4.83E-01	4.85E-02	4.35E-01	0.00E+00	0.00E+00	1.14E+01	2.17E-05	7.51E-03	8.62E-03	0.00E+00	4.33E-19	2.14E-09	9.07E-08	5.93E-02	-3.11E+01	0.00E+00	0.00E+00	9.32E+00	1.48E-18	1.36E+01	0.00E+00	1.04E-02	3.97E-08	2.92E-03	0.00E+00	-3.40E+00	0.00E+00	1.36E+01	3.46E-05	1.36E+01	1.02E+01	-3.40E+00	0.00E+00	0.00E+00	0.00E+00	3.45E+02
HW2E325DB	2.02E-02	4.32E+00	7.16E-02	4.25E+00	0.00E+00	0.00E+00	1.35E+01	2.28E-05	9.91E-03	3.74E-02	0.00E+00	-1.02E-06	1.60E-09	9.63E-08	1.07E-01	-4.52E-01	0.00E+00	0.00E+00	1.03E+01	-3.64E-04	2.57E+01	0.00E+00	2.25E-02	1.08E-07	9.62E-03	-2.40E-07	1.30E+00	0.00E+00	2.57E+01	4.34E-05	2.57E+01	2.70E+01	1.30E+00	0.00E+00	0.00E+00	0.00E+00	3.53E+02
HW2E325DE	-1.02E-01	1.09E-01	7.06E-03	1.02E-01	0.00E+00	0.00E+00	-1.79E+01	-1.06E-02	-3.83E-03	-5.02E-02	0.00E+00	-1.02E-06	-1.27E-08	-1.22E-06	3.48E-02	-1.61E+01	0.00E+00	0.00E+00	-1.52E+01	-3.64E-04	5.15E+00	0.00E+00	6.38E-08	-1.54E-07	-1.43E-02	-2.40E-07	-2.38E+00	0.00E+00	5.15E+00	-3.03E-04	5.15E+00	2.78E+00	-2.38E+00	0.00E+00	0.00E+00	0.00E+00	-6.97E+02
HW2E325FB	-9.69E-02	2.79E+00	2.29E-02	2.77E+00	0.00E+00	0.00E+00	-1.67E+01	-1.06E-02	-2.00E-03	-2.83E-02	0.00E+00	7.85E-19	-1.23E-08	-1.22E-06	5.81E-02	-2.72E+01	0.00E+00	0.00E+00	-1.64E+01	2.88E-18	1.01E+01	0.00E+00	1.23E-02	-1.29E-07	-9.49E-03	0.00E+00	-3.82E+00	0.00E+00	1.01E+01	-3.02E-04	1.01E+01	6.24E+00	-3.82E+00	0.00E+00	0.00E+00	0.00E+00	-6.76E+02
HW2E325FE	-1.04E-01	1.58E+00	-9.28E-03	1.59E+00	0.00E+00	0.00E+00	-2.68E+01	-1.09E-02	-3.14E-03	-4.15E-02	0.00E+00	-1.02E-06	-2.26E-08	-1.27E-06	1.11E-02	-2.45E+01	0.00E+00	0.00E+00	-2.52E+01	-3.64E-04	-6.55E+00	0.00E+00	3.33E-08	-2.31E-07	-1.53E-02	-2.40E-07	-4.49E+00	0.00E+00	-6.55E+00	-3.22E-04	-6.55E+00	-1.10E+01	-4.49E+00	0.00E+00	0.00E+00	0.00E+00	-1.10E+03
HW2E406DB	-1.28E-01	1.22E+00	-1.45E-02	1.24E+00	0.00E+00	0.00E+00	-3.31E+01	-1.33E-02	-4.19E-03	-5.48E-02	0.00E+00	-6.57E-07	-2.63E-08	-1.54E-06	-1.61E-03	-5.22E+01	0.00E+00	0.00E+00	-2.97E+01	-2.35E-04	-1.22E+01	0.00E+00	1.74E-09	-3.04E-07	-1.97E-02	-1.55E-07	-8.69E+00	0.00E+00	-1.22E+01	-3.90E-04	-1.22E+01	-2.08E+01	-8.69E+00	0.00E+00	0.00E+00	0.00E+00	-1.29E+03
HW2E406DE	-1.29E-01	-2.58E-01	4.86E-03	-2.63E-01	0.00E+00	0.00E+00	-2.34E+01	-1.33E-02	-5.03E-03	-6.57E-02	0.00E+00	4.70E-19	-1.59E-08	-1.54E-06	3.24E-02	-3.58E+01	0.00E+00	0.00E+00	-1.99E+01	1.65E-18	3.03E+00	0.00E+00	5.25E-08	-2.13E-07	-1.87E-02	0.00E+00	-5.36E+00	0.00E+00	3.03E+00	-3.82E-04	3.03E+00	-2.33E+00	-5.36E+00	0.00E+00	0.00E+00	0.00E+00	-9.01E+02
HW2E406FB	2.38E-02	5.03E+00	8.53E-02	4.95E+00	0.00E+00	0.00E+00	1.60E+01	2.58E-05	1.19E-02	4.42E-02	0.00E+00	1.09E-18	2.23E-09	1.16E-07	1.23E-01	-1.24E+01	0.00E+00	0.00E+00	1.23E+01	4.02E-18	2.89E+01	0.00E+00	2.54E-02	1.19E-07	1.13E-02	0.00E+00	-1.77E-01	0.00E+00	2.89E+01	4.75E-05	2.89E+01	2.87E+01	-1.77E-01	0.00E+00	0.00E+00	0.00E+00	4.27E+02
HW2E406FE	1.30E-02	2.33E+00	3.92E-02	2.29E+00	0.00E+00	0.00E+00	3.00E+00	-3.03E-04	1.02E-02	2.05E-02	0.00E+00	-1.02E-06	-9.47E-09	6.06E-08	4.28E-02	-4.64E+01	0.00E+00	0.00E+00	-8.73E-01	-3.64E-04	2.23E+00	0.00E+00	8.82E-08	-4.42E-08	2.25E-03	-2.40E-07	-6.48E+00	0.00E+00	2.23E+00	-1.99E-05	2.23E+00	-4.24E+00	-6.48E+00	0.00E+00	0.00E+00	0.00E+00	-7.48E+01
HW2E408DB	-1.18E-01	3.39E+00	2.80E-02	3.36E+00	0.00E+00	0.00E+00	-2.05E+01	-1.29E-02	-2.43E-03	-3.44E-02	0.00E+00	-6.57E-07	-1.46E-08	-1.48E-06	6.81E-02	-3.53E+01	0.00E+00	0.00E+00	-1.71E+01	-2.35E-04	1.15E+01	0.00E+00	1.44E-07	-1.60E-07	-1.16E-02	-1.55E-07	-4.96E+00	0.00E+00	1.15E+01	-1.67E-04	1.15E+01	6.57E+00	-4.96E+00	0.00E+00	0.00E+00	0.00E+00	-8.07E+02
HW2E408DE	8.36E-03	-5.10E-01	2.39E-02	-5.34E-01	0.00E+00	0.00E+00	2.35E+00	-3.87E-04	8.21E-03	-3.42E-03	0.00E+00	-1.02E-06	-9.77E-09	5.80E-08	2.52E-02	-1.48E+01	0.00E+00	0.00E+00	-9.07E-01	-3.64E-04	-3.98E-01	0.00E+00	4.20E-08	-5.34E-08	-2.78E-03	-2.40E-07	-1.97E+00	0.00E+00	-3.98E-01	-1.76E-05	-3.98E-01	-2.37E+00	-1.97E+00	0.00E+00	0.00E+00	0.00E+00	-6.33E+01
HW2E408FB	2.50E-02	5.44E+00	8.90E-02	5.35E+00	0.00E+00	0.00E+00	1.66E+01	2.92E-05	1.21E-02	4.66E-02	0.00E+00	1.13E-18	2.36E-09	1.18E-07	1.33E-01	5.85E+00	0.00E+00	0.00E+00	1.32E+01	4.19E-18	3.22E+01	0.00E+00	2.80E-02	1.39E-07	1.20E-02	0.00E+00	2.59E+00	0.00E+00	3.22E+01	6.21E-05	3.22E+01	3.48E+01	2.59E+00	0.00E+00	0.00E+00	0.00E+00	4.61E+02
HW2E408FE	2.35E-02	4.56E+00	8.51E-02	4.47E+00	0.00E+00	0.00E+00	1.61E+01	2.68E-05	1.20E-02	4.14E-02	0.00E+00	1.05E-18	3.18E-09	1.20E-07	1.16E-01	-2.69E+01	0.00E+00	0.00E+00	1.36E+01	3.83E-18	2.71E+01	0.00E+00	2.36E-02	1.07E-07	1.06E-02	0.00E+00	-2.19E+00	0.00E+00	2.71E+01	5.52E-05	2.71E+01	2.49E+01	-2.19E+00	0.00E+00	0.00E+00	0.00E+00	4.88E+02
HW2E410DB	2.29E-02	4.65E+00	8.14E-02	4.57E+00	0.00E+00	0.00E+00	1.55E+01	2.41E-05	1.17E-02	4.16E-02	0.00E+00	-6.57E-07	2.13E-09	1.15E-07	1.15E-01	-2.23E+01	0.00E+00	0.00E+00	1.17E+01	-2.35E-04	2.66E+01	0.00E+00	2.36E-02	1.05E-07	1.08E-02	-1.55E-07	-1.70E+00	0.00E+00	2.66E+01	3.92E-05	2.66E+01	2.49E+01	-1.70E+00	0.00E+00	0.00E+00	0.00E+00	4.05E+02
HW2E410DE	-1.39E-01	-2.51E+00	-3.63E-02	-2.47E+00	0.00E+00	0.00E+00	-3.59E+01	-1.37E-02	-6.84E-03	-8.67E-02	0.00E+00	1.02E-19	-2.72E-08	-1.60E-06	-3.84E-02	-5.14E+01	0.00E+00	0.00E+00	-3.21E+01	3.37E-19	-2.07E+01	0.00E+00	-9.10E-08	-3.57E-07	-2.70E-02	0.00E+00	-8.87E+00	0.00E+00	-2.07E+01	-4.04E-04	-2.07E+01	-2.96E+01	-8.87E+00	0.00E+00	0.00E+00	0.00E+00	-1.37E+03
HW2E410FB	1.29E-02	2.46E+00	3.88E-02	2.42E+00	0.00E+00	0.00E+00	2.94E+00	-3.93E-04	9.94E-03	2.11E-02	0.00E+00	-6.57E-07	-9.52E-09	5.76E-08	4.45E-02	-3.92E+01	0.00E+00	0.00E+00	-9.25E-01	-2.35E-04	2.83E+00	0.00E+00	9.29E-08	-3.91E-08	2.38E-03	-1.55E-07	-5.42E+00	0.00E+00	2.83E+00	-1.93E-05	2.83E+00	-2.59E+00	-5.42E+00	0.00E+00	0.00E+00	0.00E+00	-7.77E+01
HW2E410FE	5.57E-03	-1.46E+00	1.16E-02	-1.47E+00	0.00E+00	0.00E+00	6.95E-01	-3.95E-04	7.66E-03	-9.83E-03	0.00E+00	-1.02E-06	-1.13E-08	5.25E-08	3.43E-03	-4.25E+01	0.00E+00	0.00E+00	-4.62E+00	-3.64E-04	-7.12E+00	0.00E+00	-8.48E-09	-9.45E-08	-4.61E-03	-2.40E-07	-6.39E+00	0.00E+00	-7.12E+00	-2.20E-05	-7.12E+00	-1.35E+01	-6.39E+00	0.00E+00	0.00E+00	0.00E+00	-2.11E+02
HW2E412DB	-1.25E-01	2.29E+00	-7.58E-03	2.30E+00	0.00E+00	0.00E+00	-3.20E+01	-1.33E-02	-3.62E-03	-4.82E-02	0.00E+00	-6.57E-07	-2.69E-08	-1.53E-06	2.09E-02	-1.51E+01	0.00E+00	0.00E+00	-2.94E+01	-2.35E-04	-5.59E+00	0.00E+00	5.81E-08	-2.63E-07	-1.79E-02	-1.55E-07	-3.20E+00	0.00E+00	-5.59E+00	-3.89E-04	-5.59E+00	-8.78E+00	-3.20E+00	0.00E+00	0.00E+00	0.00E+00	-1.29E+03
HW2E412DE	-1.31E-01	1.86E+00	-1.21E-02	1.87E+00	0.00E+00	0.00E+00	-3.37E+01	-1.37E-02	-4.03E-03	-5.32E-02	0.00E+00	6.76E-19	-2.78E-08	-1.59E-06	1.15E-02	-3.20E+01	0.00E+00	0.00E+00	-3.13E+01	2.58E-18	-8.68E+00	0.00E+00	3.50E-08	-2.90E-07	-1.94E-02	0.00E+00	-5.81E+00	0.00E+00	-8.68E+00	-4.04E-04	-8.68E+00	-1.45E+01	-5.81E+00	0.00E+00	0.00E+00	0.00E+00	-1.37E+03
HW2E412FB	1.62E-02	1.07E+00	5.97E-02	1.01E+00	0.00E+00	0.00E+00	1.38E+01	2.58E-05	9.33E-03	1.31E-02	0.00E+00	5.55E-19	1.62E-09	1.10E-07	7.99E-02	-1.99E+01	0.00E+00	0.00E+00	1.01E+01	1.98E-18	1.86E+01	0.00E+00	1.47E-02	6.23E-08	4.22E-03	0.00E+00	-1.62E+00	0.00E+00	1.86E+01	3.51E-05	1.86E+01	1.70E+01	-1.62E+00	0.00E+00	0.00E+00	0.00E+00	3.62E+02
HW2E412FE	-1.23E-01	3.25E+00	2.96E-02	3.22E+00	0.00E+00	0.00E+00	-2.13E+01	-1.33E-02	-2.67E-03	-3.74E-02	0.00E+00	-1.02E-06	-1.42E-08	-1.53E-06	6.75E-02	-4.02E+01	0.00E+00	0.00E+00	-1.63E+01	-3.64E-04	1.15E+01	0.00E+00	1.41E-07	-1.68E-07	-1.24E-02	-2.40E-07	-5.54E+00	0.00E+00	1.15E+01	-3.79E-04	1.15E+01	5.94E+00	-5.54E+00	0.00E+00	0.00E+00	0.00E+00	-7.72E+02
HW2E416DB	1.56E-02	3.63E+00	4.66E-02	3.58E+00	0.00E+00	0.00E+00	4.13E+00	-3.88E-04	1.06E-02	2.83E-02	0.00E+00	8.07E-19	-1.02E-08	6.02E-08	6.96E-02	2.16E+00	0.00E+00	0.00E+00	-3.90E-01	3.09E-18	1.02E+01	0.00E+00	1.55E-02	5.92E-09	4.38E-03	0.00E+00	7.08E-01	0.00E+00	1.02E+01	-1.76E-05	1.02E+01	1.09E+01	7.08E-01	0.00E+00	0.00E+00	0.00E+00	-7.04E+01
HW2E416DE	-1.31E-01	1.92E+00	-8.11E-03	1.93E+00	0.00E+00	0.00E+00	-3.32E+01	-1.37E-02	-3.97E-03	-5.25E-02	0.00E+00	-1.02E-06	-2.66E-08	-1.59E-06	1.38E-02	-3.21E+01	0.00E+00	0.00E+00	-2.92E+01	-3.64E-04	-7.72E+00	0.00E+00	3.90E-08	-2.84E-07	-1.91E-02	-2.40E-07	-5.62E+00	0.00E+00	-7.72E+00	-4.02E-04	-7.72E+00	-1.33E+01	-5.62E+00	0.00E+00	0.00E+00	0.00E+00	-1.28E+03
HW2E416FB	-1.26E-01	2.06E+00	-6.61E-03	2.07E+00	0.00E+00	0.00E+00	-3.19E+01	-1.33E-02	-3.73E-03	-4.94E-02	0.00E+00	7.05E-19	-2.60E-08	-1.53E-06	1.73E-02	-2.39E+01	0.00E+00	0.00E+00	-2.62E+01	2.65E-18	-5.53E+00	0.00E+00	4.70E-08	-2.69E-07	-1.82E-02	0.00E+00	-4.37E+00	0.00E+00	-5.53E+00	-3.88E-04	-5.53E+00	-1.09E+01	-4.37E+00	0.00E+00	0.00E+00	0.00E+00	-1.23E+03
HW2E416FE	1.32E-02	2.40E+00	3.97E-02	2.36E+00	0.00E+00	0.00E+00	3.04E+00	-3.93E-04	1.02E-02	2.11E-02	0.00E+00	-1.02E-06	-9.46E-09	6.07E-08	4.35E-02	-4.62E+01	0.00E+00	0.00E+00	-8.32E-01	-3.64E-04	2.43E+00	0.00E+00	9.02E-08	-4.32E-08	2.37E-03	-2.40E-07	-6.44E+00	0.00E+00	2.43E+00	-1.95E-05	2.43E+00	-4.01E+00	-6.44E+00	0.00E+00	0.00E+00	0.00E+00	-7.36E+01
HW2E420DB	1.66E-02	1.18E+00	6.09E-02	1.12E+00	0.00E+00	0.00E+00	1.41E+01	2.73E-05	9.38E-03	1.37E-02	0.00E+00	-6.57E-07	1.67E-09	1.10E-07	8.36E-02	-1.17E+01	0.00E+00	0.00E+00	1.05E+01	-2.35E-04	1.99E+01	0.00E+00	1.56E-02	7.06E-08	4.43E-03	-1.55E-07	-3.80E-01	0.00E+00	1.99E+01	4.15E-05	1.99E+01	1.95E+01	-3.80E-01	0.00E+00	0.00E+00	0.00E+00	3.76E+02
HW2E420DE	1.50E-02	3.20E+00	4.38E-02	3.16E+00	0.00E+00	0.00E+00	3.71E+00	-3.91E-04	1.06E-02	2.58E-02	0.00E+00	-1.02E-06	-1.04E-08	6.17E-08	6.12E-02	-1.43E+01	0.00E+00	0.00E+00	-1.27E+00	-3.64E-04	7.58E+00	0.00E+00	1.35E-02	-1.18E-08	3.67E-03	-2.40E-07	-1.79E+00	0.00E+00	7.58E+00	-1.91E-05	7.58E+00	5.79E+00	-1.79E+00	0.00E+00	0.00E+00	0.00E+00	-1.04E+02
HW2E420FB	7.22E-03	-6.56E-01	1.84E-02	-6.74E-01	0.00E+00	0.00E+00	1.59E+00	-3.90E-04	7.78E-03	-4.84E-03	0.00E+00	-6.57E-07	-1.09E-08	5.24E-08	2.02E-02	-1.48E+01	0.00E+00	0.00E+00	-3.07E+00	-2.35E-04	-2.03E+00	0.00E+00	3.17E-08	-6.22E-08	-3.23E-03	-1.55E-07	-2.17E+00	0.00E+00	-2.03E+00	-1.96E-05	-2.03E+00	-4.21E+00	-2.17E+00	0.00E+00	0.00E+00	0.00E+00	-1.54E+02
HW2E420FE	2.46E-02	5.01E+00	8.96E-02	4.92E+00	0.00E+00	0.00E+00	1.66E+01	2.88E-05	1.23E-02	4.45E-02	0.00E+00	1.12E-18	3.30E-09	1.22E-07	1.25E-01	-1.52E+01	0.00E+00	0.00E+00	1.43E+01	4.08E-18	2.98E+01	0.00E+00	2.58E-02	1.23E-07	1.14E-02	0.00E+00	-4.01E-01	0.00E+00	2.98E+01	6.50E-05	2.98E+01	2.94E+01	-4.01E-01	0.00E+00	0.00E+00	0.00E+00	5.11E+02
HW2E425DB	6.79E-03	-8.99E-01	1.91E-02	-9.18E-01	0.00E+00	0.00E+00	1.56E+00	-3.90E-04	7.68E-03	-6.05E-03	0.00E+00	2.28E-19	-9.97E-09	5.29E-08	1.51E-02	-2.78E+01	0.00E+00	0.00E+00	-2.01E+00	8.34E-19	-3.55E+00	0.00E+00	1.70E-08	-7.16E-08	-3.57E-03	0.00E+00	-3.99E+00	0.00E+00	-3.55E+00	-1.90E-05	-3.55E+00	-7.54E+00	-3.99E+00	0.00E+00	0.00E+00	0.00E+00	-1.04E+02
HW2E425DE	2.57E-02	5.41E+00	9.30E-02	5.32E+00	0.00E+00	0.00E+00	1.72E+01	3.18E-05	1.25E-02	4.69E-02	0.00E+00	-1.02E-06	3.43E-09	1.23E-07	1.34E-01	1.22E+00	0.00E+00	0.00E+00	1.51E+01	-3.64E-04	3.28E+01	0.00E+00	2.81E-02	1.42E-07	1.21E-02	-2.40E-07	2.09E+00	0.00E+00	3.28E+01	7.81E-05	3.28E+01	3.49E+01	2.09E+00	0.00E+00	0.00E+00	0.00E+00	5.42E+02
HW2E425FB	-1.27E-01	1.54E+00	-1.46E-02	1.55E+00	0.00E+00	0.00E+00	-3.30E+01	-1.33E-02	-4.04E-03	-5.30E-02	0.00E+00	-6.57E-07	-2.71E-08	-1.54E-06	4.57E-03	-3.86E+01	0.00E+00	0.00E+00	-3.07E+01	-2.35E-04	-1.04E+01	0.00E+00	1.88E-08	-2.93E-07	-1.93E-02	-1.55E-07	-6.78E+00	0.00E+00	-1.04E+01	-3.91E-04	-1.04E+01	-1.72E+01	-6.78E+00	0.00E+00	0.00E+00	0.00E+00	-1.34E+03
HW2E425FE	-1.29E-01	-8.42E-02	6.54E-03	-9.07E-02	0.00E+00	0.00E+00	-2.30E+01	-1.33E-02	-4.95E-03	-6.48E-02	0.00E+00	4.85E-19	-1.58E-08	-1.54E-06	3.77E-02	-2.48E+01	0.00E+00	0.00E+00	-1.94E+01	1.71E-18	4.80E+00	0.00E+00	6.58E-08	-2.02E-07	-1.84E-02	0.00E+00	-3.70E+00	0.00E+00	4.80E+00	-3.81E-04	4.80E+00	1.10E+00	-3.70E+00	0.00E+00	0.00E+00	0.00E+00	-8.82E+02
HW2M306DB	-1.01E-01	2.46E-01	1.18E-02	2.34E-01	0.00E+00	0.00E+00	-1.72E+01	-1.06E-02	-3.71E-03	-4.88E-02	0.00E+00	-1.02E-06	-1.14E-08	-1.22E-06	3.85E-02	-1.56E+01	0.00E+00	0.00E+00	-1.29E+01	-3.64E-04	6.44E+00	0.00E+00	7.08E-08	-1.46E-07	-1.39E-02	-2.40E-07	-2.09E+00	0.00E+00	6.44E+00	-3.00E-04	6.44E+00	4.35E+00	-2.09E+00	0.00E+00	0.00E+00	0.00E+00	-6.01E+02
HW2M306DE	-1.11E-01	-2.02E+00	-3.38E-02	-1.99E+00	0.00E+00	0.00E+00	-2.90E+01	-1.06E-02	-5.48E-03	-6.94E-02	0.00E+00	-1.02E-06	-2.32E-08	-1.27E-06	-3.14E-02	-3.97E+01	0.00E+00	0.00E+00	-2.76E+01	-3.64E-04	-1.71E+01	0.00E+00	-7.22E-08	-2.89E-07	-2.17E-02	-2.40E-07	-7.06E+00	0.00E+00	-1.71E+01	-3.24E-04	-1.71E+01	-2.42E+01	-7.06E+00	0.00E+00	0.00E+00	0.00E+00	-1.18E+03
HW2M306FB	1.10E-02	2.26E+00	3.12E-02	2.23E+00	0.00E+00	0.00E+00	2.44E+00	-3.25E-04	8.30E-03	1.88E-02	0.00E+00	5.81E-19	-8.91E-09	4.64E-08	4.19E-02	-2.35E+01	0.00E+00	0.00E+00	-2.06E+00	2.22E-18	3.72E+00	0.00E+00	9.12E-08	-2.55E-08	2.32E-03	0.00E+00	-3.30E+00	0.00E+00	3.72E+00	-1.69E-05	3.72E+00	-4.27E-01	-3.30E+00	0.00E+00	0.00E+00	0.00E+00	-1.24E+02
HW2M306FE	-1.02E-01	5.25E-02	1.02E-02	4.23E-02	0.00E+00	0.00E+00	-1.75E+01	-1.06E-02	-3.83E-03	-5.03E-02	0.00E+00	-1.02E-06	-1.15E-08	-1.22E-06	3.49E-02	-2.04E+01	0.00E+00	0.00E+00	-1.33E+01	-3.64E-04	5.36E+00	0.00E+00	6.18E-08	-1.53E-07	-1.42E-02	-2.40E-07	-2.84E+00	0.00E+00	5.36E+00	-3.01E-04	5.36E+00	2.52E+00	-2.84E+00	0.00E+00	0.00E+00	0.00E+00	-6.13E+02
HW2M308DB	-1.02E-01	5.42E-02	1.02E-02	4.40E-02	0.00E+00	0.00E+00	-1.74E+01	-1.06E-02	-3.82E-03	-5.01E-02	0.00E+00	-1.02E-06	-1.14E-08	-1.22E-06	3.48E-02	-2.07E+01	0.00E+00	0.00E+00	-1.32E+01	-3.64E-04	5.34E+00	0.00E+00	6.16E-08	-1.53E-07	-1.42E-02	-2.40E-07	-2.88E+00	0.00E+00	5.34E+00	-3.00E-04	5.34E+00	2.46E+00	-2.88E+00	0.00E+00	0.00E+00	0.00E+00	-6.11E+02
HW2M308DE	-9.50E-02	3.50E+00	3.29E-02	3.47E+00	0.00E+00	0.00E+00	-1.55E+01	-1.06E-02	-1.60E-03	-2.36E-02	0.00E+00	-1.02E-06	-1.09E-08	-1.21E-06	7.47E-02	-5.98E+00	0.00E+00	0.00E+00	-1.11E+01	-3.64E-04	1.53E+01	0.00E+00	1.62E-07	-9.74E-08	-6.13E-03	-2.40E-07	-3.98E-01	0.00E+00	1.53E+01	-2.99E-04	1.53E+01	1.46E+01	-3.98E-01	0.00E+00	0.00E+00	0.00E+00	-5.45E+02
HW2M308FB	2.07E-02	4.53E+00	7.32E-02	4.46E+00	0.00E+00	0.00E+00	1.37E+01	2.37E-05	1.00E-02	3.89E-02	0.00E+00	-1.02E-06	1.65E-09	9.70E-08	1.11E-01	4.74E+00	0.00E+00	0.00E+00	1.06E+01	-3.64E-04	2.69E+01	0.00E+00	2.35E-02	1.15E-07	1.00E-02	-2.40E-07	2.10E+00	0.00E+00	2.69E+01	4.77E-05	2.69E+01	2.90E+01	2.10E+00	0.00E+00	0.00E+00	0.00E+00	3.64E+02
HW2M308FE	1.11E-02	1.57E-02	4.09E-02	-2.52E-02	0.00E+00	0.00E+00	1.03E+01	1.56E-05	7

HW2M420FE	1.79E-02	1.41E+00	6.69E-02	1.34E+00	0.00E+00	0.00E+00	1.49E+01	3.09E-05	9.86E-03	1.57E-02	0.00E+00	-1.02E-06	2.79E-09	1.16E-07	8.98E-02	-1.10E+01	0.00E+00	0.00E+00	1.27E+01	-3.64E-04	2.18E+01	0.00E+00	1.69E-07	8.10E-08	5.02E-03	-2.40E-07	-6.37E-02	0.00E+00	2.18E+01	6.21E-05	2.18E+01	2.17E+01	-6.37E-02	0.00E+00	0.00E+00	0.00E+00	4.69E+02
HW2M425DB	1.50E-02	4.81E-01	5.69E-02	4.25E-01	0.00E+00	0.00E+00	1.35E+01	2.50E-05	9.03E-03	9.54E-03	0.00E+00	-6.57E-07	2.43E-09	1.09E-07	6.80E-02	-3.92E+01	0.00E+00	0.00E+00	1.07E+01	-2.35E-04	1.53E+01	0.00E+00	1.17E-07	4.29E-08	3.27E-03	-1.55E-07	-4.40E+00	0.00E+00	1.53E+01	3.62E-05	1.53E+01	1.09E+01	-4.40E+00	0.00E+00	0.00E+00	0.00E+00	3.97E+02
HW2M425DE	-1.38E-03	-2.02E+00	-3.35E-02	-1.99E+00	0.00E+00	0.00E+00	-3.54E+01	-1.37E-02	-6.56E-03	-8.34E-02	0.00E+00	1.74E-19	-2.72E-08	-1.60E-06	-2.85E-02	-3.96E+01	0.00E+00	0.00E+00	-3.13E+01	6.12E-19	-1.79E+01	0.00E+00	-6.79E-08	-3.40E-07	-2.61E-02	0.00E+00	-7.06E+00	0.00E+00	-1.79E+01	-4.03E-04	-1.79E+01	-2.50E+01	-7.06E+00	0.00E+00	0.00E+00	0.00E+00	-1.34E+03
HW2M425FB	2.26E-02	4.53E+00	8.04E-02	4.45E+00	0.00E+00	0.00E+00	1.54E+01	2.33E-05	1.17E-02	4.09E-02	0.00E+00	1.62E-18	2.09E-09	1.15E-07	1.12E-01	-2.68E+01	0.00E+00	0.00E+00	1.14E+01	3.76E-18	2.58E+01	0.00E+00	2.29E-07	9.99E-08	1.04E-02	0.00E+00	-2.37E+00	0.00E+00	2.58E+01	3.57E-05	2.58E+01	2.34E+01	-2.37E+00	0.00E+00	0.00E+00	0.00E+00	3.97E+02
HW2M425FE	1.72E-02	1.28E+00	6.23E-02	1.22E+00	0.00E+00	0.00E+00	1.43E+01	2.75E-05	9.76E-03	1.45E-02	0.00E+00	5.84E-19	1.53E-09	1.14E-07	8.63E-02	-1.16E+01	0.00E+00	0.00E+00	1.05E+01	2.09E-18	2.06E+01	0.00E+00	1.62E-07	7.32E-08	4.66E-03	0.00E+00	-3.51E-01	0.00E+00	2.06E+01	4.04E-05	2.06E+01	2.02E+01	-3.51E-01	0.00E+00	0.00E+00	0.00E+00	3.75E+02
HW2S306DB	-1.02E-01	6.94E-02	6.91E-03	6.25E-02	0.00E+00	0.00E+00	-1.78E+01	-1.06E-02	-3.84E-03	-5.04E-02	0.00E+00	4.16E-19	-1.27E-08	-1.22E-06	3.46E-02	-1.63E+01	0.00E+00	0.00E+00	-1.52E+01	1.47E-18	5.08E+00	0.00E+00	6.29E-08	-1.54E-07	-1.43E-02	0.00E+00	-2.42E+00	0.00E+00	5.08E+00	-3.02E-04	5.08E+00	2.66E+00	-2.42E+00	0.00E+00	0.00E+00	0.00E+00	-6.95E+02
HW2S306DE	-9.51E-02	3.49E+00	3.27E-02	3.46E+00	0.00E+00	0.00E+00	-1.55E+01	-1.06E-02	-1.59E-03	-2.35E-02	0.00E+00	-1.02E-06	-1.09E-08	-1.22E-06	7.34E-02	-1.01E+01	0.00E+00	0.00E+00	-1.12E+01	-3.64E-04	1.48E+01	0.00E+00	1.58E-07	-1.01E-07	-8.14E-03	-2.40E-07	-1.02E+00	0.00E+00	1.48E+01	-3.00E-04	1.48E+01	1.38E+01	-1.02E+00	0.00E+00	0.00E+00	0.00E+00	-5.51E+02
HW2S306FB	1.08E-02	2.19E+00	3.07E-02	2.16E+00	0.00E+00	0.00E+00	2.38E+00	-3.25E-04	8.26E-03	1.82E-02	0.00E+00	-1.02E-06	-8.92E-09	4.63E-08	4.09E-02	-2.39E+01	0.00E+00	0.00E+00	-2.11E+00	-3.64E-04	3.48E+00	0.00E+00	8.90E-08	-2.67E-08	2.19E-03	-2.40E-07	-3.35E+00	0.00E+00	3.48E+00	-1.70E-05	3.48E+00	1.28E-01	-3.35E+00	0.00E+00	0.00E+00	0.00E+00	-1.25E+02
HW2S306FE	-9.69E-02	2.82E+00	2.64E-02	2.79E+00	0.00E+00	0.00E+00	-1.64E+01	-1.06E-02	-1.96E-03	-2.79E-02	0.00E+00	8.13E-19	-1.11E-08	-1.22E-06	5.89E-02	-3.14E+01	0.00E+00	0.00E+00	-1.24E+01	2.94E-18	1.04E+01	0.00E+00	1.23E-07	-1.28E-07	-9.35E-03	0.00E+00	-4.25E+00	0.00E+00	1.04E+01	-3.01E-04	1.04E+01	6.19E+00	-4.25E+00	0.00E+00	0.00E+00	0.00E+00	-5.94E+02
HW2S308DB	-1.06E-01	7.79E-01	-1.65E-02	7.96E-01	0.00E+00	0.00E+00	-2.78E+01	-1.06E-02	-3.58E-03	-4.66E-02	0.00E+00	-1.02E-06	-2.28E-08	-1.27E-06	-6.25E-03	-5.00E+01	0.00E+00	0.00E+00	-2.66E+01	-3.64E-04	-1.18E+01	0.00E+00	-8.83E-08	-2.62E-07	-1.67E-02	-2.40E-07	-8.38E+00	0.00E+00	-1.18E+01	-3.24E-04	-1.18E+01	-2.01E+01	-8.38E+00	0.00E+00	0.00E+00	0.00E+00	-1.15E+03
HW2S308DE	-9.52E-02	3.45E+00	3.24E-02	3.42E+00	0.00E+00	0.00E+00	-1.56E+01	-1.06E-02	-1.61E-03	-2.38E-02	0.00E+00	8.99E-19	-1.09E-08	-1.22E-06	7.29E-02	-1.06E+01	0.00E+00	0.00E+00	-1.13E+01	3.25E-18	1.47E+01	0.00E+00	1.57E-07	-1.02E-07	-8.21E-03	0.00E+00	-1.09E+00	0.00E+00	1.47E+01	-3.00E-04	1.47E+01	1.36E+01	-1.09E+00	0.00E+00	0.00E+00	0.00E+00	-5.53E+02
HW2S308FB	-1.11E-01	-1.85E+00	-3.17E-02	-1.82E+00	0.00E+00	0.00E+00	-2.87E+01	-1.06E-02	-5.37E-03	-6.81E-02	0.00E+00	9.87E-20	-2.31E-08	-1.27E-06	-2.72E-02	-3.51E+01	0.00E+00	0.00E+00	-2.72E+01	3.78E-19	-1.60E+01	0.00E+00	-6.35E-08	-2.83E-07	-2.14E-02	0.00E+00	-6.35E+00	0.00E+00	-1.60E+01	-3.23E-04	-1.60E+01	-2.23E+01	-6.35E+00	0.00E+00	0.00E+00	0.00E+00	-1.16E+03
HW2S308FE	1.27E-02	4.83E-01	-4.85E-02	4.35E-01	0.00E+00	0.00E+00	1.14E+01	2.17E-05	7.51E-03	8.62E-03	0.00E+00	4.33E-19	2.14E-09	9.07E-08	5.93E-02	-3.11E+01	0.00E+00	0.00E+00	9.32E+00	1.48E-18	1.36E+01	0.00E+00	1.04E-07	3.97E-08	2.92E-03	0.00E+00	-3.40E+00	0.00E+00	1.36E+01	3.46E-05	1.36E+01	1.02E+01	-3.40E+00	0.00E+00	0.00E+00	0.00E+00	3.45E+02
HW2S310DB	1.32E-02	7.06E-01	5.09E-02	6.55E-01	0.00E+00	0.00E+00	1.16E+01	2.25E-05	7.62E-03	1.01E-02	0.00E+00	-1.02E-06	2.20E-09	9.13E-08	6.38E-02	-2.57E+01	0.00E+00	0.00E+00	9.67E+00	-3.64E-04	1.49E+01	0.00E+00	1.15E-07	4.73E-08	3.31E-03	-2.40E-07	-2.57E+00	0.00E+00	1.49E+01	3.91E-05	1.49E+01	1.23E+01	-2.57E+00	0.00E+00	0.00E+00	0.00E+00	3.57E+02
HW2S310DE	2.09E-02	4.46E+00	7.64E-02	4.39E+00	0.00E+00	0.00E+00	1.41E+01	2.62E-05	1.03E-02	3.87E-02	0.00E+00	9.65E-19	2.86E-09	9.91E-08	1.11E-01	3.71E-01	0.00E+00	0.00E+00	1.25E+01	3.52E-18	2.71E+01	0.00E+00	2.32E-07	1.17E-07	1.00E-02	0.00E+00	1.64E+00	0.00E+00	2.71E+01	6.53E-05	2.71E+01	2.87E+01	1.64E+00	0.00E+00	0.00E+00	0.00E+00	4.48E+02
HW2S310FB	-1.03E-01	-2.67E-01	-3.80E-03	-2.71E-01	0.00E+00	0.00E+00	-1.84E+01	-1.06E-02	-4.01E-03	-5.23E-02	0.00E+00	-1.02E-06	-1.28E-08	-1.22E-06	2.58E-02	-3.16E+01	0.00E+00	0.00E+00	-1.59E+01	-3.64E-04	2.33E+00	0.00E+00	4.15E-08	-1.71E-07	-1.46E-02	-2.40E-07	-4.72E+00	0.00E+00	2.33E+00	-3.03E-04	2.33E+00	-2.39E+00	-4.72E+00	0.00E+00	0.00E+00	0.00E+00	-7.23E+02
HW2S310FE	-1.04E-01	1.58E+00	-9.28E-03	1.59E+00	0.00E+00	0.00E+00	-2.68E+01	-1.06E-02	-3.14E-03	-4.15E-02	0.00E+00	-1.02E-06	-2.26E-08	-1.27E-06	1.11E-02	-2.45E+01	0.00E+00	0.00E+00	-2.52E+01	-3.64E-04	-6.55E+00	0.00E+00	3.33E-08	-2.31E-07	-1.53E-02	-2.40E-07	-4.49E+00	0.00E+00	-6.55E+00	-3.22E-04	-6.55E+00	-1.10E+01	-4.49E+00	0.00E+00	0.00E+00	0.00E+00	-1.10E+03
HW2S312DB	-9.66E-02	2.82E+00	2.65E-02	2.79E+00	0.00E+00	0.00E+00	-1.63E+01	-1.06E-02	-1.95E-03	-2.77E-02	0.00E+00	8.14E-19	-1.11E-08	-1.21E-06	5.90E-02	-3.14E+01	0.00E+00	0.00E+00	-1.24E+01	2.94E-18	1.05E+01	0.00E+00	1.23E-07	-1.27E-07	-9.31E-03	0.00E+00	-4.26E+00	0.00E+00	1.05E+01	-3.01E-04	1.05E+01	6.21E+00	-4.26E+00	0.00E+00	0.00E+00	0.00E+00	-5.91E+02
HW2S312DE	1.35E-02	7.84E-01	5.16E-02	7.32E-01	0.00E+00	0.00E+00	1.18E+01	2.34E-05	7.68E-03	1.05E-02	0.00E+00	-1.02E-06	2.23E-09	9.18E-08	6.60E-02	-2.14E+01	0.00E+00	0.00E+00	9.88E+00	-3.64E-04	1.56E+01	0.00E+00	1.20E-07	5.19E-08	3.46E-03	-2.40E-07	-1.92E+00	0.00E+00	1.56E+01	4.25E-05	1.56E+01	1.37E+01	-1.92E+00	0.00E+00	0.00E+00	0.00E+00	3.65E+02
HW2S312FB	-1.11E-01	-1.96E+00	-3.26E-02	-1.93E+00	0.00E+00	0.00E+00	-2.89E+01	-1.06E-02	-5.43E-03	-6.88E-02	0.00E+00	-1.02E-06	-2.31E-08	-1.27E-06	-3.00E-02	-3.94E+01	0.00E+00	0.00E+00	-2.74E+01	-3.64E-04	-1.68E+01	0.00E+00	-6.98E-08	-2.88E-07	-2.18E-02	-2.40E-07	-7.01E+00	0.00E+00	-1.68E+01	-3.23E-04	-1.68E+01	-2.38E+01	-7.01E+00	0.00E+00	0.00E+00	0.00E+00	-1.17E+03
HW2S312FE	6.04E-03	-5.01E-01	1.50E-02	-5.16E-01	0.00E+00	0.00E+00	1.33E+00	-3.22E-04	6.46E-03	-3.56E-03	0.00E+00	2.09E-19	-9.27E-09	4.29E-08	1.79E-02	-1.33E+01	0.00E+00	0.00E+00	-2.91E+00	7.90E-19	-1.42E+00	0.00E+00	2.94E-08	-5.14E-08	-2.57E-03	0.00E+00	-1.98E+00	0.00E+00	-1.42E+00	-1.66E-05	-1.42E+00	-3.39E+00	-1.98E+00	0.00E+00	0.00E+00	0.00E+00	-1.44E+02
HW2S316DB	-9.72E-02	2.72E+00	2.21E-02	2.70E+00	0.00E+00	0.00E+00	-1.69E+01	-1.06E-02	-2.03E-03	-2.87E-02	0.00E+00	-1.02E-06	-1.23E-08	-1.22E-06	5.55E-02	-3.18E+01	0.00E+00	0.00E+00	-1.46E+01	-3.64E-04	9.26E+00	0.00E+00	1.17E-07	-1.34E-07	-9.62E-03	-2.40E-07	-4.52E+00	0.00E+00	9.26E+00	-3.03E-04	9.26E+00	4.74E+00	-4.52E+00	0.00E+00	0.00E+00	0.00E+00	-6.85E+02
HW2S316DE	-1.10E-01	-1.77E+00	-2.75E-02	-1.74E+00	0.00E+00	0.00E+00	-2.82E+01	-1.06E-02	-5.31E-03	-6.75E-02	0.00E+00	1.32E-19	-2.19E-08	-1.27E-06	-2.42E-02	-3.45E+01	0.00E+00	0.00E+00	-2.51E+01	4.54E-19	-1.49E+01	0.00E+00	-5.83E-08	-2.76E-07	-2.11E-02	0.00E+00	-6.07E+00	0.00E+00	-1.49E+01	-3.22E-04	-1.49E+01	-2.10E+01	-6.07E+00	0.00E+00	0.00E+00	0.00E+00	-1.07E+03
HW2S316FB	1.47E-02	1.27E+00	5.56E-02	1.21E+00	0.00E+00	0.00E+00	1.24E+01	2.63E-05	7.92E-03	1.36E-02	0.00E+00	5.32E-19	2.36E-09	9.34E-08	7.65E-02	-5.24E+00	0.00E+00	0.00E+00	1.07E+01	1.86E-18	1.88E+01	0.00E+00	1.46E-07	7.14E-08	4.32E-03	0.00E+00	5.38E-01	0.00E+00	1.88E+01	5.56E-05	1.88E+01	1.93E+01	5.38E-01	0.00E+00	0.00E+00	0.00E+00	3.98E+02
HW2S316FE	-1.03E-01	-3.99E-01	2.65E-03	-4.01E-01	0.00E+00	0.00E+00	-1.86E+01	-1.06E-02	-4.09E-03	-5.33E-02	0.00E+00	3.65E-19	-1.28E-08	-1.23E-06	2.30E-02	-3.68E+01	0.00E+00	0.00E+00	-1.63E+01	1.27E-18	1.38E+01	0.00E+00	3.39E-08	-1.78E-07	-1.52E-02	0.00E+00	-5.52E+00	0.00E+00	1.38E+01	-3.04E-04	1.38E+01	-4.14E+00	-5.52E+00	0.00E+00	0.00E+00	0.00E+00	-7.36E+02
HW2S320DB	-1.05E-01	9.08E-01	-1.21E-02	9.20E-01	0.00E+00	0.00E+00	-2.72E+01	-1.06E-02	-3.47E-03	-4.54E-02	0.00E+00	-1.02E-06	-2.15E-08	-1.26E-06	-3.05E-03	-5.01E+01	0.00E+00	0.00E+00	-2.44E+01	-3.64E-04	-1.08E+01	0.00E+00	-3.08E-08	-2.55E-07	-1.63E-02	-2.40E-07	-8.18E+00	0.00E+00	-1.08E+01	-3.21E-04	-1.08E+01	-1.88E+01	-8.18E+00	0.00E+00	0.00E+00	0.00E+00	-1.06E+03
HW2S320DE	-1.06E-01	8.32E-01	-1.62E-02	8.48E-01	0.00E+00	0.00E+00	-2.78E+01	-1.06E-02	-3.55E-03	-4.63E-02	0.00E+00	4.67E-19	-2.28E-08	-1.27E-06	-5.57E-03	-5.03E+01	0.00E+00	0.00E+00	-2.66E+01	1.79E-18	-1.17E+01	0.00E+00	-7.66E-09	-2.62E-07	-1.67E-02	0.00E+00	-8.41E+00	0.00E+00	-1.17E+01	-3.24E-04	-1.17E+01	-2.01E+01	-8.41E+00	0.00E+00	0.00E+00	0.00E+00	-1.15E+03
HW2S320FB	-1.03E-01	-3.45E-01	6.76E-03	-3.51E-01	0.00E+00	0.00E+00	-1.80E+01	-1.06E-02	-4.03E-03	-5.26E-02	0.00E+00	-1.02E-06	-1.16E-08	-1.22E-06	2.54E-02	-3.66E+01	0.00E+00	0.00E+00	-1.41E+01	-3.64E-04	2.39E+00	0.00E+00	3.83E-08	-1.71E-07	-1.49E-02	-2.40E-07	-5.29E+00	0.00E+00	2.39E+00	-3.01E-04	2.39E+00	-2.90E+00	-5.29E+00	0.00E+00	0.00E+00	0.00E+00	-6.41E+02
HW2S320FE	-4.92E-03	-1.08E+00	1.32E-02	-1.09E+00	0.00E+00	0.00E+00	1.05E+00	-3.22E-04	6.17E-03	-7.03E-03	0.00E+00	1.56E-19	-8.21E-09	4.29E-08	6.60E-03	-3.37E+01	0.00E+00	0.00E+00	-1.90E+00	5.45E-19	-4.57E+00	0.00E+00	1.90E-10	-7.03E-08	-3.48E-03	0.00E+00	-4.89E+00	0.00E+00	-4.57E+00	-1.62E-05	-4.57E+00	-9.45E+00	-4.89E+00	0.00E+00	0.00E+00	0.00E+00	-9.28E+01
HW2S325DB	-9.55E-02	3.33E+00	2.80E-02	3.30E+00	0.00E+00	0.00E+00	-1.61E+01	-1.06E-02	-1.70E-03	-2.48E-02	0.00E+00	-1.02E-06	-1.22E-08	-1.21E-06	6.96E-02	-1.05E+01	0.00E+00	0.00E+00	-1.34E+01	-3.64E-04	1.35E+01	0.00E+00	1.51E-07	-1.08E-07	-8.52E-03	-2.40E-07	-1.28E+00	0.00E+00	1.35E+01	-3.01E-04	1.35E+01	1.22E+01	-1.28E+00	0.00E+00	0.00E+00	0.00E+00	-6.43E+02
HW2S325DE	1.08E-02	2.07E+00	3.31E-02	2.03E+00	0.00E+00	0.00E+00	2.60E+00	-3.24E-04	8.25E-03	1.79E-02	0.00E+00	5.84E-19	-7.75E-09	4.79E-08	3.83E-02	-3.43E+01	0.00E+00	0.00E+00	-4.59E+01	2.18E-18	2.77E+00	0.00E+00	8.00E-08	-3.13E-08	2.10E-03	0.00E+00	-4.72E+00	0.00E+00	2.77E+00	-1.57E-05	2.77E+00	-1.95E+00	-4.72E+00	0.00E+00	0.00E+00	0.00E+00	-5.19E+01
HW2S325FB	-9.66E-02	2.82E+00	2.64E-02	2.79E+00	0.00E+00	0.00E+00	-1.63E+01	-1.06E-02	-1.95E-03	-2.77E-02	0.00E+00	8.13E-19	-1.11E-08	-1.21E-06	5.88E-02	-3.16E+01	0.00E+00	0.00E+00	-1.24E+01	2.94E-18	1.04E+01	0.00E+00	1.23E-07	-1.27E-07	-9.31E-03	0.00E+00	-4.29E+00	0.00E+00	1.04E+01	-3.01E-04	1.04E+01	6.13E+00	-4.29E+00	0.00E+00	0.00E+00	0.00E+00	-5.93E+02
HW2S325FE	1.96E-02	4.14E+00	6.99E-02	4.07E+00	0.00E+00	0.00E+00	1.32E+01	2.08E-05	9.84E-03	3.65E-02	0.00E+00	9.05E-19	1.53E-09	9.56E-08	1.02E-01	-1.13E+01	0.00E+00	0.00E+00	9.74E+00	3.34E-18	2.40E+01	0.00E+00	2.12E-07	9.71E-08	9.29E-03	0.00E+00	-3.30E-01	0.00E+00	2.40E+01	3.49E-05	2.40E+01	2.37E+01	-3.30E-01	0.00E+00	0.00E+00	0.00E+00	3.34E+02
HW2S406DB	-1.18E-01	3.27E+00	2.99E-02	3.24E+00	0.00E+00	0.00E+00	-2.02E+01	-1.28E-02	-2.48E-03	-3.50E-02	0.00E+00	-6.57E-07	-1.36E-08	-1.48E-06	6.71E-02	-3.95E+01	0.00E+00	0.00E+00	-1.57E+01	-2.35E-04	1.14E+01	0.00E+00	1.39E-07	-1.60E-07	-1.17E-02	-1.55E-07	-5.44E+00	0.00E+00	1.14E+01	-3.66E-04	1.14E+01	5.96E+00	-5.44E+00	0.00E+00	0.00E+00	0.00E+00	-7.42E+02
HW2S406DE	1.69E-02	1.04E+00	6.39E-02	9.81E-01	0.00E+00	0.00E+00	1.45E+01	2.89E-05	9.66E-03	1.33E-02	0.00E+00	5.83E-19	2.69E-09	1.15E-07	8.23E-02	-2.24E+01	0.00E+00	0.00E+00	1.21E+01	2.03E-18	1.95E+01	0.00E+00	1.50E-07	6.69E-08	4.37E-03	0.00E+00	-1.80E+00	0.00E+00	1.95E+01	5.28E-05	1.95E+01	1.77E+01	-1.80E+00	0.00E+00	0.00E+00	0.00E+00	4.47E+02
HW2S406FB	-1.17E-01	3.81E+00	3.21E-02	3.78E+00	0.00E+00	0.00E+00	-2.00E+01	-1.28E-02	-2.20E-03	-3.16E-02	0.00E+00	1.01E-18	-1.45E-08	-1.48E-06	7.69E-02	-2.49E+01	0.00E+00	0.00E+00	-1.65E+01	3.71E-18	1.40E+01	0.00E+00	1.64E-07	-1.45E-07	-1.08E-02	0.00E+00	-3.37E+00	0.00E+00	1.40E+01	-3.66E-04	1.40E+01	1.06E+01	-3.37E+00	0.00E+00	0.00E+00	0.00E+00	-7.84E+02
HW2S406FE	5.18E-03	-1.70E+00	1.29E-02	-1.71E+00	0.00E+00	0.00E+00	7.20E-01	-3.94E-04	7.58E-03	-1.09E-02	0.00E+00	1.39E-19	-1.01E-08	5.34E-08	-2.04E-03	-5.81E+01	0.00E+00	0.00E+00	-3.24E+00	4.81E-19	-8.78E+00	0.00E+00	-2.48E-08	-1.05E-07	-6.92E-03	0.00E+00	-8.55E+00	0.00E+00	-8.78E+00	-2.11E-05	-8.78E+00	-1.73E+01	-8.55E+00	0.00E+00	0.00E+00	0.00E+00	-1.47E+02
HW2S408DB	-1.18E-01	3.12E+00	2.84E-02	3.10E+00	0.00E+00	0.00E+00	-2.05E+01	-1.29E-02	-2.55E-03	-3.58E-02	0.00E+00	-6.57E-07	-1.37E-08	-1.48E-06	6.27E-02	-4.82E+01	0.00E+00	0.00E+00	-1.61E+01	-2.35E-04	9.96E+00	0.00E+00	1.28E-07	-1.69E-07	-1.19E-02	-1.55E-07	-6.75E+00	0.00E+00	9.96E+00	-3.67E-04	9.96E+00	3.21E+00	-6.75E+00	0.00E+00	0.00E+00	0.00E+00	-7.58E+02
HW2S408DE	-1.20E-01	4.25E+00	3.89E-02	4.21E+00	0.00E+00	0.00E+00	-2.00E+01	-1.33E-02	-2.12E-03	-3.10E-02	0.00E+00	-1.02E-06	-1.39E-08	-1.53E-06	8.99E-02	-7.46E+00	0.00E+00	0.00E+00	-1.45E+01	-3.64E-04	1.81E+01	0.00E+00	1.94E-07	-1.27E-07	-1.06E-02	-2.40E-07	-5.60E-01	0.00E+00	1.81E+01	-3.77E-04	1.81E+01	1.75E+01	-5.60E-01	0.00E+00	0.00E+00	0.00E+00	-7.06E+02
HW2S408FB	1.43E-02	3.12E+00	4.23E-02	3.07E+00	0.00E+00	0.00E+00	3.45E+00	-3.91E-04	1.03E-02	2.51E-02	0.00E+00	7.50E-19	-1.03E-08	5.83E-08	5.83E-02	-1.60E+01	0.00E+00	0.00E+00	-1.35E+00	2.87E-18	6.75E+00	0.00E+00	1.27E-07	-1.56E-08	3.46E-03	0.00E+00	-2.06E+00	0.00E+00	6.75E+00	-1.91E-05	6.75E+00	4.70E+00	-2.06E+00	0.00E+00	0.00E+00	0.00E+00	-1.05E+02
HW2S408FE	1.29E-02	2.40E+00	3.62E-02	2.36E+00	0.00E+00	0.00E+00	2.65E+00	-3.66E-04	1.02E-02	2.07E-02	0.00E+00	6.64E-19	-1.07E-08	5.87E-08	4.32E-02	-4.17E+01	0.00E+00	0.00E+00	-2.78E+00	2.54E-18	2.14E+00	0.00E+00	9.09E-08	-4.51E-08	2.24E-03	0.00E+00	-5.95E+00	0.00E+00	2.14E+00	-2.13E-05	2.14E+00	-3.81E+00	-5.95E+00	0.00E+00	0.00E+00	0.00E+00	-1.58E+02
HW2S410DB	2.38E-02	5.04E+00	8.54E-02	4.98E+00	0.00E+00	0.00E+00	1.60E+01	2.59E-05	1.19E-02	4.43E-02	0.00E+00	1.08E-18	2.24E-09	1.16E-07	1.23E-01	-1.21E+01	0.00E+00	0.00E+00	1.23E+01	4.03E-18	2.90E+01	0.00E+00	2.55E-07	1.19E-07	1.13E-02	0.00E+00	-1.28E-01	0.00E+00	2.90E+01	4.78E-05	2.90E+01	2.89E+01	-1.28E-01	0.00E+00	0.00E+00	0.00E+00	4.28E+02
HW2S410DE	6.82E-03	-9.29E-01	1.66E-02	-9.46E-01	0.00E+00	0.00E+00	1.27E+00	-3.93E-04	7.97E-03	-6.20E-03	0.00E+00	2.16E-19	-1.11E-08	5.41E-08	1.38E-02	-3.09E+01	0.00E+00	0.00E+00	-3.87E+00	8.30E-19	-4.25E+00	0.00E+00	1.54E-08	-7.77E-08	-3.67E-03	0.00E+00	-4.60E+00	0.00E+00	-4.25E+00	-2.10E-05	-4.25E+00	-8.84E+00	-4.60E+00	0.00E+00	0.00E+00	0.00E+00	-1.85E+02
HW2S410FB	-1.16E-01	4.05E+00	3.44E-02	4.01E+00	0.00E+00	0.00E+00	-1.96E+01	-1.28E-02	-2.08E-03	-3.02E-02	0.00E+00	-6.57E-07	-1.44E-08	-1.48E-06	8.34E-02	-1.23E+01	0.00E+00	0.00E+00	-1.59E+01	-2.35E-04	1.61E+01	0.00E+00	1.80E-07	-1.32E-07	-1.04E-02	-1.55E-07	-1.46E+00	0.00E+00	1.61E+01	-3.65E-04	1.61E+01	1.46E+01	-1.46E+00	0.00E+00	0.00E+00	0.00E+00	-7.62E+02
HW2S410FE	2.46E-02	5.01E+00	8.95E-02	4.92E+00	0.00E+00	0.00E+00	1.66E+01	2.88E-05	1.23E-02	4.44E-02	0.00E+00	-1.02E-06	3.30E-09	1.22E-07	1.29E-01	-1.52E+01	0.00E+00	0.00E+00	1.43E+01	-3.64E-04	2.98E+01	0.00E+00	2.58E-07	1.23E-07	1.14E-02	-2.40E-07	-4.04E-01	0.00E+00	2.98E+01	6.49E-05	2.98E+01	2.94E+01	-4.04E-01	0.00E+00	0.00E+00	0.00E+00	5.11E+02
HW2S412DB	-1.34E-01	-2.18E+00	-3.76E-02	-2.14E+00	0.00E+00	0.00E+00	-3.46E+01	-1.33E-02	-6.46E-03	-8.24E-02	0.00E+00	1.19E-19	-2.77E-08	-1.54E-06	-3.33E-02	-4.13E+01	0.00E+00	0.00E+00	-3.26E+01	4.57E-19	-1.95E+01	0.00E+00	-7.82E-08	-3.42E-07	-2.58E-02	0.00E+00	-7.48E+00	0.00E+00	-1.95E+01	-3.92E-04	-1.95E+01	-2.68E+01	-7.48E+00	0.00E+00	0.00E+00	0.00E+00	-1.39E+03
HW2S412DE	1.28E-02	2.37E+00	3.60E-02	2.33E+00	0.00E+00	0.00E+00	2.62E+00	-3.96E

HF4P340DEKH-MTS	1.88E+00	-1.43E+01	4.36E+00	-1.87E+01	0.00E+00	0.00E+00	6.19E+02	-2.32E-02	1.57E+00	-9.49E-02	0.00E+00	-1.02E-06	-5.25E-07	1.50E-05	2.83E+00	9.12E+01	0.00E+00	0.00E+00	3.32E+02	-3.64E-04	1.59E+02	0.00E+00	3.91E-06	-1.45E-06	-7.76E-02	-2.40E-07	6.62E+01	0.00E+00	1.59E+02	-1.31E-03	1.59E+02	2.25E+02	6.62E+01	0.00E+00	0.00E+00	0.00E+00	1.00E+04
HF4P440DCKH-MTS	-3.36E+01	-3.28E+02	-7.77E+00	-3.20E+02	0.00E+00	0.00E+00	-8.39E+03	-3.34E+00	-1.53E+00	-1.95E+01	0.00E+00	1.89E-18	-4.87E-06	-3.89E-04	-7.90E+00	-2.99E+03	0.00E+00	0.00E+00	-6.87E+03	5.59E-18	-3.51E+03	0.00E+00	-1.77E-05	-6.87E-05	-5.73E+00	0.00E+00	-7.10E+02	0.00E+00	-3.51E+03	-9.69E-02	-3.51E+03	-4.22E+03	-7.10E+02	0.00E+00	0.00E+00	0.00E+00	-2.94E+05
HF4P440DEKH-MTS	-3.36E+01	-3.34E+02	-7.82E+00	-3.26E+02	0.00E+00	0.00E+00	-8.39E+03	-3.34E+00	-1.54E+00	-1.96E+01	0.00E+00	1.16E-18	-4.88E-06	-3.89E-04	-8.02E+00	-3.19E+03	0.00E+00	0.00E+00	-6.88E+03	2.90E-18	-3.55E+03	0.00E+00	-1.80E-05	-6.90E-05	-5.74E+00	0.00E+00	-7.41E+02	0.00E+00	-3.55E+03	-9.69E-02	-3.55E+03	-4.29E+03	-7.41E+02	0.00E+00	0.00E+00	0.00E+00	-2.94E+05
HF4W340DSAH-MTS	-6.15E+00	-4.23E+01	-1.26E+00	-4.10E+01	0.00E+00	0.00E+00	-1.51E+03	-6.14E-01	-2.69E-01	-3.44E+00	0.00E+00	-2.99E-07	-7.69E-07	-7.17E-05	-1.25E+00	-5.38E+02	0.00E+00	0.00E+00	-1.18E+03	-1.06E-04	-4.95E+02	0.00E+00	-2.55E-06	-1.15E-05	-9.82E-01	-6.95E-08	-1.22E+02	0.00E+00	-4.95E+02	-1.77E-02	-4.95E+02	-6.17E+02	-1.22E+02	0.00E+00	0.00E+00	0.00E+00	-5.05E+04
HF4W440DSAH-MTS	-8.18E+00	-5.41E+01	-1.62E+00	-5.25E+01	0.00E+00	0.00E+00	-1.99E+03	-8.17E-01	-3.57E-01	-4.56E+00	0.00E+00	1.14E-18	-1.01E-06	-9.54E-05	-1.58E+00	-7.09E+02	0.00E+00	0.00E+00	-1.55E+03	4.14E-18	-6.29E+02	0.00E+00	-3.24E-06	-1.51E-05	-1.30E+00	0.00E+00	-1.59E+02	0.00E+00	-6.29E+02	-2.36E-02	-6.29E+02	-7.88E+02	-1.59E+02	0.00E+00	0.00E+00	0.00E+00	-6.65E+04
HF4P340FCKH-MTS	1.26E+00	5.72E+01	3.71E+00	5.35E+01	0.00E+00	0.00E+00	7.46E+02	6.67E-04	8.49E-01	5.83E-01	0.00E+00	-2.99E-07	1.36E-07	9.42E-08	3.73E+00	2.22E+02	0.00E+00	0.00E+00	6.28E+02	-1.06E-04	8.30E+02	0.00E+00	6.36E-06	3.68E-06	2.14E-01	-6.95E-08	1.05E+02	0.00E+00	8.30E+02	5.41E-05	8.30E+02	9.36E+02	1.05E+02	0.00E+00	0.00E+00	0.00E+00	2.32E+04
HF4P340FEKH-MTS	1.23E+00	5.01E+01	3.65E+00	4.64E+01	0.00E+00	0.00E+00	7.44E+02	6.70E-04	8.44E-01	5.27E-01	0.00E+00	2.10E-17	1.34E-07	9.39E-08	1.46E+00	2.03E+02	0.00E+00	0.00E+00	5.89E+02	7.47E-17	7.83E+02	0.00E+00	6.20E-06	3.43E-06	2.00E-01	0.00E+00	8.91E+01	0.00E+00	7.83E+02	5.28E-05	7.83E+02	8.73E+02	8.91E+01	0.00E+00	0.00E+00	0.00E+00	2.19E+04
HF4P440FCKH-MTS	1.63E+00	6.69E+01	4.70E+00	6.22E+01	0.00E+00	0.00E+00	9.41E+02	1.02E-03	1.12E+00	6.96E-01	0.00E+00	2.61E-17	1.68E-07	1.24E-05	1.69E+00	2.68E+02	0.00E+00	0.00E+00	7.44E+02	9.40E-17	9.88E+02	0.00E+00	7.89E-06	4.40E-06	2.63E-01	0.00E+00	1.13E+02	0.00E+00	9.88E+02	6.52E-05	9.88E+02	1.10E+03	1.13E+02	0.00E+00	0.00E+00	0.00E+00	2.76E+04
HF4P440FEKH-MTS	1.28E+00	5.45E+01	2.98E+00	-8.43E+00	0.00E+00	0.00E+00	4.20E+02	-1.58E-02	1.06E+00	-3.49E-02	0.00E+00	1.35E-17	3.56E-07	1.01E-05	2.02E+00	1.22E+02	0.00E+00	0.00E+00	2.27E+02	5.02E-17	1.20E+02	0.00E+00	2.77E-06	-9.00E-07	-4.61E-02	0.00E+00	5.38E+01	0.00E+00	1.20E+02	-6.89E-04	1.20E+02	1.74E+02	5.38E+01	0.00E+00	0.00E+00	0.00E+00	7.27E+03
HF4W340FSAH-MTS	5.67E-01	1.58E+01	1.31E+00	1.45E+01	0.00E+00	0.00E+00	2.21E+02	3.92E-04	4.04E-01	1.74E-01	0.00E+00	4.60E-18	4.20E-08	4.33E-06	9.93E-01	8.16E+01	0.00E+00	0.00E+00	2.09E+02	1.75E-17	2.40E+02	0.00E+00	1.87E-06	1.25E-06	7.45E-02	0.00E+00	3.48E+01	0.00E+00	2.40E+02	9.98E-06	2.40E+02	2.75E+02	3.48E+01	0.00E+00	0.00E+00	0.00E+00	7.88E+03
HF4W440FSAH-MTS	-8.20E+00	-6.13E+01	-1.71E+00	-5.96E+01	0.00E+00	0.00E+00	-2.01E+03	-8.18E-01	-3.62E-01	-4.62E+00	0.00E+00	6.24E-20	-1.02E-06	-9.55E-05	-1.71E+00	-7.18E+02	0.00E+00	0.00E+00	-1.57E+03	2.02E-19	-6.70E+02	0.00E+00	-3.53E-06	-1.53E-05	-1.32E+00	0.00E+00	-1.63E+02	0.00E+00	-6.70E+02	-2.39E-02	-6.70E+02	-8.33E+02	-1.63E+02	0.00E+00	0.00E+00	0.00E+00	-6.72E+04
HF4W432FSAI-MTS	-8.18E+00	-5.41E+01	-1.62E+00	-5.25E+01	0.00E+00	0.00E+00	-1.99E+03	-8.17E-01	-3.57E-01	-4.56E+00	0.00E+00	1.13E-18	-1.01E-06	-9.54E-05	-1.58E+00	-7.09E+02	0.00E+00	0.00E+00	-1.55E+03	4.12E-18	-6.29E+02	0.00E+00	-3.24E-06	-1.51E-05	-1.30E+00	0.00E+00	-1.59E+02	0.00E+00	-6.29E+02	-2.36E-02	-6.29E+02	-7.88E+02	-1.59E+02	0.00E+00	0.00E+00	0.00E+00	-6.65E+04
HF4W440FSAI-MTS	-8.19E+00	-5.66E+01	-1.68E+00	-5.49E+01	0.00E+00	0.00E+00	-2.01E+03	-8.18E-01	-3.59E-01	-4.58E+00	0.00E+00	7.04E-19	-1.02E-06	-9.55E-05	-1.66E+00	-7.13E+02	0.00E+00	0.00E+00	-1.57E+03	2.66E-18	-6.58E+02	0.00E+00	-3.41E-06	-1.53E-05	-1.31E+00	0.00E+00	-1.62E+02	0.00E+00	-6.58E+02	-2.36E-02	-6.58E+02	-8.20E+02	-1.62E+02	0.00E+00	0.00E+00	0.00E+00	-6.72E+04
HF4S432FCJI-MTS	-1.67E+01	-9.68E+01	-2.23E+00	-9.45E+01	0.00E+00	0.00E+00	-3.75E+03	-1.68E+00	-7.17E-01	-9.20E+00	0.00E+00	1.53E-17	-2.01E-06	-1.95E-04	-1.41E+00	-1.44E+03	0.00E+00	0.00E+00	-2.99E+03	5.06E-17	-9.38E+02	0.00E+00	-4.11E-06	-2.99E-05	-2.62E+00	0.00E+00	-2.97E+02	0.00E+00	-9.38E+02	-4.82E-02	-9.38E+02	-1.24E+03	-2.97E+02	0.00E+00	0.00E+00	0.00E+00	-1.28E+05
HF4S440FCKI-MTS	-1.67E+01	-9.26E+01	-2.21E+00	-9.04E+01	0.00E+00	0.00E+00	-3.75E+03	-1.68E+00	-7.14E-01	-9.17E+00	0.00E+00	-6.57E-07	-2.01E-06	-1.95E-04	-1.36E+00	-1.41E+03	0.00E+00	0.00E+00	-2.99E+03	-2.35E-04	-9.25E+02	0.00E+00	-3.98E-06	-2.98E-05	-2.61E+00	-1.55E-07	-2.91E+02	0.00E+00	-9.25E+02	-4.82E-02	-9.25E+02	-1.22E+03	-2.91E+02	0.00E+00	0.00E+00	0.00E+00	-1.28E+05
HW4P432FB	-8.54E+00	-4.16E+01	-6.18E-01	-4.10E+01	0.00E+00	0.00E+00	-1.76E+03	-8.60E-01	-3.60E-01	-4.64E+00	0.00E+00	-6.57E-07	-1.01E-06	-9.98E-05	-2.73E+00	-7.34E+02	0.00E+00	0.00E+00	-1.46E+03	-2.35E-04	-3.41E+02	0.00E+00	-7.69E-07	-1.50E-05	-1.32E+00	-1.55E-07	-1.54E+02	0.00E+00	-3.41E+02	-2.47E-02	-3.41E+02	-4.95E+02	-1.54E+02	0.00E+00	0.00E+00	0.00E+00	-6.37E+04
HW4P432FE	8.85E-01	4.65E+01	2.98E+00	4.35E+01	0.00E+00	0.00E+00	6.55E+02	5.15E-04	5.88E-01	4.71E-01	0.00E+00	2.04E-17	1.13E-07	6.70E-06	4.19E-01	1.62E+02	0.00E+00	0.00E+00	4.74E+02	7.20E-17	6.82E+02	0.00E+00	5.50E-06	2.78E-06	1.66E-01	0.00E+00	6.82E+01	0.00E+00	6.82E+02	5.64E-05	6.82E+02	7.50E+02	6.82E+01	0.00E+00	0.00E+00	0.00E+00	1.74E+04
HW4P440DB	2.47E+00	1.02E+02	7.22E+00	9.47E+01	0.00E+00	0.00E+00	1.47E+03	2.72E-03	1.68E+00	1.08E+00	0.00E+00	-6.57E-07	2.62E-07	1.88E-05	4.22E+00	2.65E+02	0.00E+00	0.00E+00	1.18E+03	-2.35E-04	1.55E+03	0.00E+00	1.22E-05	6.80E-06	4.04E-01	-1.55E-07	1.64E+02	0.00E+00	1.55E+03	1.79E-04	1.55E+03	1.72E+03	1.64E+02	0.00E+00	0.00E+00	0.00E+00	4.36E+04
HW4P440DE	1.83E+00	-2.67E+01	4.26E+00	-3.09E+01	0.00E+00	0.00E+00	5.90E+02	-2.67E-02	1.56E+00	-2.22E-01	0.00E+00	-1.02E-06	-6.22E-07	1.47E-05	2.74E+00	1.75E+02	0.00E+00	0.00E+00	2.70E+02	-3.64E-04	6.38E+01	0.00E+00	3.51E-06	-2.25E-06	-1.32E-01	-2.40E-07	7.39E+01	0.00E+00	6.38E+01	-1.49E-03	6.38E+01	1.38E+02	7.39E+01	0.00E+00	0.00E+00	0.00E+00	8.03E+03
HW4P440FB	5.15E-01	-2.87E+01	1.26E+00	-2.99E+01	0.00E+00	0.00E+00	1.38E+02	-1.67E-02	5.23E-01	-2.86E-01	0.00E+00	7.39E-18	-4.04E-07	4.34E-06	7.46E-01	3.82E+01	0.00E+00	0.00E+00	-3.98E+01	2.68E-17	-1.82E+02	0.00E+00	3.55E-07	-2.49E-06	-1.47E-01	0.00E+00	1.23E+01	0.00E+00	-1.82E+02	-9.27E-04	-1.82E+02	-1.70E+02	1.23E+01	0.00E+00	0.00E+00	0.00E+00	-2.79E+03
HW4P440FE	-8.51E+00	-3.29E+01	-5.31E-01	-3.24E+01	0.00E+00	0.00E+00	-1.75E+03	-8.61E-01	-3.54E-01	-4.57E+00	0.00E+00	-1.02E-06	-1.00E-06	-9.98E-05	3.19E-01	-6.78E+02	0.00E+00	0.00E+00	-1.40E+03	-3.64E-04	-2.72E+02	0.00E+00	-5.20E-07	-1.46E-05	-1.30E+00	-2.40E-07	-1.28E+02	0.00E+00	-2.72E+02	-2.47E-02	-2.72E+02	-4.00E+02	-1.28E+02	0.00E+00	0.00E+00	0.00E+00	-6.18E+04
HW4S310DB	-1.14E-01	-2.28E+00	-3.24E-02	-2.25E+00	0.00E+00	0.00E+00	-2.95E+01	-1.12E-02	5.68E-03	-7.20E-02	0.00E+00	-1.02E-06	-2.29E-08	-1.31E-06	3.35E-02	-5.15E+01	0.00E+00	0.00E+00	-2.66E+01	-3.64E-04	-1.78E+01	0.00E+00	-7.90E-08	-3.02E-07	-2.25E-02	-2.40E-07	-8.66E+00	0.00E+00	-1.78E+01	-3.31E-04	-1.78E+01	-2.65E+01	-8.66E+00	0.00E+00	0.00E+00	0.00E+00	-1.13E+03
HW4S310DE	1.19E-02	9.00E-01	4.81E-02	8.52E-01	0.00E+00	0.00E+00	1.14E+01	2.27E-05	6.47E-03	1.07E-02	0.00E+00	4.55E-19	1.92E-09	7.90E-08	6.55E-02	-1.28E+01	0.00E+00	0.00E+00	8.99E+00	1.61E-18	1.54E+01	0.00E+00	1.19E-07	5.32E-08	3.38E-03	0.00E+00	-7.54E-01	0.00E+00	1.54E+01	4.11E-06	1.54E+01	1.46E+01	-7.54E-01	0.00E+00	0.00E+00	0.00E+00	3.27E+02
HW4S310FB	4.67E-03	-1.15E+00	9.82E-03	-1.16E+00	0.00E+00	0.00E+00	5.78E-01	-3.44E-04	6.30E-03	-7.51E-03	0.00E+00	-1.02E-06	-9.93E-09	4.11E-08	5.76E-03	-3.64E+01	0.00E+00	0.00E+00	-4.11E+00	-3.64E-04	-5.27E+00	0.00E+00	9.60E-10	-7.88E-08	-3.76E-03	-2.40E-07	-5.47E+00	0.00E+00	-5.27E+00	-1.88E-05	-5.27E+00	-1.07E+01	-5.47E+00	0.00E+00	0.00E+00	0.00E+00	-1.88E+02
HW4S310FE	-1.07E-01	2.28E+00	-1.65E-03	2.28E+00	0.00E+00	0.00E+00	-2.72E+01	-1.14E-02	-2.82E-03	-3.79E-02	0.00E+00	7.08E-19	-2.24E-08	-1.32E-06	2.08E-02	-3.02E+01	0.00E+00	0.00E+00	-2.39E+01	2.66E-18	-4.35E+00	0.00E+00	5.54E-08	-2.29E-07	-1.47E-02	0.00E+00	-5.11E+00	0.00E+00	-4.35E+00	-3.35E-04	-4.35E+00	-9.47E+00	-5.11E+00	0.00E+00	0.00E+00	0.00E+00	-1.05E+03
HW4W416FS	-1.18E-02	3.79E+00	1.95E-02	3.77E+00	0.00E+00	0.00E+00	-3.73E+00	-1.99E-03	1.73E-03	2.00E-02	0.00E+00	-2.99E-07	-8.95E-09	-2.18E-07	4.11E-02	-8.25E-01	0.00E+00	0.00E+00	-5.21E+00	-1.06E-04	4.38E+00	0.00E+00	1.01E-07	-2.99E-08	1.90E-03	-6.95E-08	-1.34E-01	0.00E+00	4.38E+00	-6.16E-05	4.38E+00	4.25E+00	-1.34E-01	0.00E+00	0.00E+00	0.00E+00	-2.52E+02
HW4W420DS	2.41E-03	3.15E-01	2.03E-02	2.95E-01	0.00E+00	0.00E+00	6.35E+00	1.18E-05	7.26E-04	4.23E-03	0.00E+00	2.54E-19	1.03E-09	1.68E-08	3.13E-02	-1.12E-01	0.00E+00	0.00E+00	4.19E+00	8.65E-19	6.53E+00	0.00E+00	4.99E-08	1.71E-08	1.19E-03	0.00E+00	-1.09E+00	0.00E+00	6.53E+00	1.63E-05	6.53E+00	5.45E+00	-1.09E+00	0.00E+00	0.00E+00	0.00E+00	1.51E+02
HW4P340FB	-6.72E+00	-9.31E+01	-1.83E+00	-9.13E+01	0.00E+00	0.00E+00	-1.72E+03	-6.61E-01	-3.24E-01	-4.11E+00	0.00E+00	-1.02E-06	-1.20E-06	-7.69E-05	-1.89E+00	-7.18E+02	0.00E+00	0.00E+00	-1.52E+03	-3.64E-04	-9.63E+02	0.00E+00	-4.69E-06	-1.57E-05	-1.25E+00	-2.40E-07	-1.72E+02	0.00E+00	-9.63E+02	-1.94E-02	-9.63E+02	-1.13E+03	-1.72E+02	0.00E+00	0.00E+00	0.00E+00	-6.49E+04
HW4P340FE	6.75E-01	3.41E+01	2.33E+00	3.17E+01	0.00E+00	0.00E+00	5.26E+02	9.89E-04	4.42E-01	3.56E-01	0.00E+00	-1.02E-06	8.42E-08	5.16E-06	4.82E-01	1.18E+02	0.00E+00	0.00E+00	3.66E+02	-3.64E-04	5.44E+02	0.00E+00	4.36E-06	2.17E-06	1.26E-01	-2.40E-07	5.27E+01	0.00E+00	5.44E+02	7.35E-05	5.44E+02	5.97E+02	5.27E+01	0.00E+00	0.00E+00	0.00E+00	1.35E+04
HW4W420FS	-1.23E-02	3.66E+00	1.64E-02	3.64E+00	0.00E+00	0.00E+00	-4.11E+00	-1.99E-03	1.63E-03	1.88E-02	0.00E+00	-2.99E-07	-9.72E-09	-2.19E-07	3.84E-02	-1.41E+00	0.00E+00	0.00E+00	-6.58E+00	-1.06E-04	3.47E+00	0.00E+00	9.55E-08	-3.55E-08	1.58E-03	-6.95E-08	-3.50E-01	0.00E+00	3.47E+00	-6.29E-05	3.47E+00	3.12E+00	-3.50E-01	0.00E+00	0.00E+00	0.00E+00	-3.09E+02
HW4W425DS	-1.03E-02	-1.14E+00	-1.30E-02	-1.13E+00	0.00E+00	0.00E+00	-4.19E+00	-8.23E-04	-1.06E-03	-1.29E-02	0.00E+00	1.68E-21	-8.70E-09	-9.12E-08	-1.72E-02	-1.44E+01	0.00E+00	0.00E+00	-6.84E+00	6.45E-21	-1.01E+01	0.00E+00	-4.60E-08	-9.08E-08	-5.39E-03	0.00E+00	-2.59E+00	0.00E+00	-1.01E+01	-3.10E-05	-1.01E+01	-1.27E+01	-2.59E+00	0.00E+00	0.00E+00	0.00E+00	-2.83E+02
HW4P425FS	-1.02E-02	-1.08E+00	-1.26E-02	-1.07E+00	0.00E+00	0.00E+00	-4.15E+00	-8.23E-04	-1.02E-03	-1.24E-02	0.00E+00	9.88E-21	-8.67E-09	-9.11E-08	-1.68E-02	-1.44E+01	0.00E+00	0.00E+00	-6.80E+00	3.77E-20	-9.98E+00	0.00E+00	-4.44E-08	-8.99E-08	-5.27E-03	0.00E+00	-2.59E+00	0.00E+00	-9.98E+00	-3.09E-05	-9.98E+00	-1.25E+01	-2.59E+00	0.00E+00	0.00E+00	0.00E+00	-2.83E+02
HW4W432DS	2.22E-03	2.25E-01	1.97E-02	2.05E-01	0.00E+00	0.00E+00	6.28E+00	1.17E-05	6.69E-04	3.55E-03	0.00E+00	2.42E-19	1.02E-09	1.66E-08	3.01E-02	-1.19E+01	0.00E+00	0.00E+00	4.11E+00	8.18E-19	6.22E+00	0.00E+00	4.69E-08	1.53E-08	1.03E-03	0.00E+00	-1.21E+00	0.00E+00	6.22E+00	1.55E-05	6.22E+00	5.01E+00	-1.21E+00	0.00E+00	0.00E+00	0.00E+00	1.48E+02
HW4W432FS	5.92E-03	5.07E+00	4.95E-02	5.02E+00	0.00E+00	0.00E+00	7.58E+00	-5.22E-04	3.27E-03	3.85E-02	0.00E+00	8.95E-19	1.10E-09	-4.09E-08	8.31E-02	2.73E+00	0.00E+00	0.00E+00	5.82E+00	3.32E-18	1.91E+01	0.00E+00	1.81E-07	7.88E-08	8.81E-03	0.00E+00	1.33E+00	0.00E+00	1.91E+01	-1.19E-05	1.91E+01	2.04E+01	1.33E+00	0.00E+00	0.00E+00	0.00E+00	1.87E+02
HW4W440DS	-4.53E-03	-1.10E+00	-1.09E-02	-1.08E+00	0.00E+00	0.00E+00	-2.71E+00	-2.88E-04	-4.83E-04	-9.83E-03	0.00E+00	3.64E-21	-8.01E-09	-2.51E-08	-1.57E-02	-1.44E+01	0.00E+00	0.00E+00	-5.68E+00	1.40E-20	-9.60E+00	0.00E+00	-4.30E-08	-8.05E-08	-4.46E-03	0.00E+00	-2.54E+00	0.00E+00	-9.60E+00	-1.56E-05	-9.60E+00	-1.21E+01	-2.54E+00	0.00E+00	0.00E+00	0.00E+00	-2.34E+02
HW4W440FS	-9.62E-04	3.67E+00	1.84E-02	3.65E+00	0.00E+00	0.00E+00	-1.45E+00	-8.22E-04	2.07E-03	2.46E-02	0.00E+00	6.48E-19	-7.91E-09	-8.26E-08	3.65E-02	-1.64E-01	0.00E+00	0.00E+00	-4.00E+00	2.48E-18	3.07E+00	0.00E+00	8.90E-08	-1.81E-08	3.17E-03	0.00E+00	-6.84E-02	0.00E+00	3.07E+00	-2.90E-05	3.07E+00	3.00E+00	-6.84E-02	0.00E+00	0.00E+00	0.00E+00	-1.98E+02
HW4P410DB	-1.42E-01	-2.92E+00	-4.46E-02	-2.88E+00	0.00E+00	0.00E+00	-3.71E+01	-1.39E-02	-7.11E-03	-8.99E-02	0.00E+00	-6.57E-07	-2.89E-08	-1.61E-06	-4.67E-02	-6.44E+01	0.00E+00	0.00E+00	-3.48E+01	-2.35E-04	-2.35E+01	0.00E+00	-1.09E-07	-3.78E-07	-2.80E-02	-1.55E-07	-1.10E+01	0.00E+00	-2.35E+01	-4.10E-04	-2.35E+01	-3.45E+01	-1.10E+01	0.00E+00	0.00E+00	0.00E+00	-1.48E+03
HW4P410DE	2.52E-02	5.21E+00	8.81E-02	5.13E+00	0.00E+00	0.00E+00	1.65E+01	2.49E-05	1.28E-02	4.69E-02	0.00E+00	-1.02E-06	2.13E-09	1.24E-07	1.25E-01	-2.84E+01	0.00E+00	0.00E+00	1.24E+01	-3.64E-04	2.92E+01	0.00E+00	2.61E-07	1.14E-07	1.19E-02	-2.40E-07	-2.48E+00	0.00E+00	2.92E+01	4.21E-05	2.92E+01	2.67E+01	-2.48E+00	0.00E+00	0.00E+00	0.00E+00	4.27E+02
HW4P410FB	1.39E-02	-4.21E+02	5.16E-02	-9.36E+02	0.00E+00	0.00E+00	1.28E+01	2.00E-05	9.04E-03	6.64E-03	0.00E+00	4.39E-19	1.36E-09	1.09E-07	5.85E-02	-6.20E+01	0.00E+00	0.00E+00	8.50E+00	1.53E-18	1.21E+01	0.00E+00	9.43E-08	1.84E-08	2.42E-03	0.00E+00	-7.95E+00	0.00E+00	1.21E+01	9.12E-07	1.21E+01	4.16E+00	-7.95E+00	0.00E+00	0.00E+00	0.00E+00	3.05E+02
HW4P410FE	-1.00E-01	4.83E+00	4.38E-02	4.78E+00	0.00E+00	0.00E+00	-1.53E+01	-1.14E-02	-9.83E-04	-1.66E-02	0.00E+00	1.12E-18	-1.17E-08	-1.30E-06	9.35E-02	-1.07E+01	0.00E+00	0.00E+00	-1.16E+01	4.14E-18	1.89E+01	0.00E+00	2.02E-07	-9.39E-08	-6.81E-03	0.00E+00	-9.59E-01	0.00E+00	1.89E+01	-3.21E-04	1.89E+01	1.80E+01	-9.59E-01	0.00E+00	0.00E+00	0.00E+00	-5.81E+02
HW4P412DB	8.63E-03	-4.70E-01	2.46E-02	-4.94E-01	0.00E+00	0.00E+00	2.41E+00	-3.66E-04	8.33E-03	-2.90E-03	0.00E+00	-6.57E-07	-1.01E-08	5.81E-06	2.76E-02	-1.61E+01	0.00E+00	0.00E+00	-9.57E-01	-2.35E-04	1.70E-01	0.00E+00	4.81E-08	-5.29E-08	-2.69E-03	-1.55E-07	-2.15E+00	0.00E+00	1.70E-01	-1.78E-05	1.70E-01	-1.98E+00	-2.15E+00	0.00E+00	0.00E+00	0.00E+00	-6.67E+01
HW4P412DE	2.52E-02	5.21E+00	8.81E-02	5.13E+00	0.00E+00	0.00E+00	1.65E+01	2.49E-05	1.28E-02	4.69E-02	0.00E+00	-1.02E-06	2.13E-09	1.24E-07	1.25E-01	-2.84E+01	0.00E+00	0.00E+00	1.24E+01	-3.64E-04	2.92E+01	0.00E+00	2.61E-07	1.14E-07	1.19E-02	-2.40E-07	-2.48E+00	0.00E+00	2.92E+01	4.21E-05	2.92E+01	2.67E+01	-2.48E+00	0.00E+00	0.00E+00	0.00E+00	4.27E+02
HW4P412FB	1.48E-02	2.48E-01	5.42E-02	1.94E-01	0.00E+00	0.00E+00	1.33E+01	2.27E-05	9.19E-03	8.30E-03	0.00E+00	4.66E-19	1.46E-09	1.10E-07	6.62E-02	-4.77E+01	0.00E+00	0.00E+00	9.21E+00	1.65E-18	1.46E+01	0.00E+00	1.14E-07	3.40E-08	2.95E-03	0.00E+00	-5.77E+00	0.00E+00	1.46E+01	2.05E-06	1.46E+01	8.82E+00	-5.77E+00	0.00E+00	0.00E+00	0.00E+00	3.31E+02
HW4P412FE	-1.09E-01	1.82E-01	1.35E-02	1.68E-01	0.00E+00	0.00E+00	-1.79E+01	-1.14E-02	-4.01E-03	-5.28E-02	0.00E+00	4.97E-19	-1.24E-08	-1.31E-06	4.17E-02	-2.42E+01	0.00E+00	0.00E+00	-1.43E+01	1.75E-18	6.26E+00	0.00E+00	7.17E-08	-1.64E-07	-1.51E-02	0.00E+00	-3.35E+00	0.00E+00	6.26E+00	-3.23E-04	6.26E+00	2.91E+00	-3.35E+00	0.00E+00	0.00E+00	0.00E+00	-6.64E+02
HW4P416DB	-1.32E-01	-9.83E-01	2.17E-03	-9.85E-01	0.00E+00	0.00E+00	-2.38E+01	-1.34E-02	-5.42E-03	-7.04E-02	0.00E+00	-6.57E-07	-1.50E-08	-1.55E-06	2.04E-02	-6.10E+01	0.00E+00	0.00E+00	-1.91E+01	-2.35E-04	-2.23E-01	0.00E+00	2.24E-08	-2.37E-07	-1.99E-02	-1.55E-07	-8.97E+00	0.00E+00	-2.23E-01	-3.84E-04	-2.23E-01	-9.21E+00	-8.97E+00	0.00E+00	0.00E+00	0.00E+00	-8.61E+02
HW4P416DE	2.39E-02	4.74E+00	8.41E-02	4.66E+00	0.00E+00	0.00E+00	1.58E+01	2.17E-05	1.26E-02	4.39E-02	0.00E+00	1.09E-18	2.00E-09	1.22E-07	1.14E-01	-4.63E+01	0.00E+00	0.00E+00	1.14E+01	4.02E-18	2.59E+01	0.00E+00	2.34E-07	9.35E-08	1.10E-02	0.00E+00	-5.19E+00	0.00E+00	2.59E+01	2.78E-06	2.59E+01	2.07E+01	-5.19E+00	0.00E+00	0.

HW4P340DB	-1.86E+01	-9.57E+01	-2.04E+00	-9.36E+01	0.00E+00	0.00E+00	-4.05E+03	-1.87E+00	-7.89E-01	-1.01E+01	0.00E+00	2.21E-17	-2.22E-06	-2.17E-04	-8.73E-01	-1.56E+03	0.00E+00	0.00E+00	-3.21E+03	7.41E-17	-8.88E+02	0.00E+00	-3.38E-06	-3.29E-05	-2.89E+00	0.00E+00	-3.11E+02	0.00E+00	-8.88E+02	-5.38E-02	-8.88E+02	-1.20E+03	-3.11E+02	0.00E+00	0.00E+00	0.00E+00	-1.40E+05
HW4P340DE	-1.86E+01	-9.86E+01	-2.07E+00	-9.65E+01	0.00E+00	0.00E+00	-4.06E+03	-1.87E+00	-7.91E-01	-1.02E+01	0.00E+00	2.17E-17	-2.22E-06	-2.17E-04	-9.40E-01	-1.67E+03	0.00E+00	0.00E+00	-3.22E+03	7.29E-17	-9.10E+02	0.00E+00	-3.55E-06	-3.29E-05	-2.89E+00	0.00E+00	-3.29E+02	0.00E+00	-9.10E+02	-5.38E-02	-9.10E+02	-1.24E+03	-3.29E+02	0.00E+00	0.00E+00	0.00E+00	-1.40E+05
HW4W325DS	2.07E-03	2.27E-01	1.78E-02	2.10E-01	0.00E+00	0.00E+00	5.58E+00	1.05E-05	6.44E-04	3.30E-03	0.00E+00	2.16E-19	9.07E-10	1.51E-08	2.72E-02	-9.55E+00	0.00E+00	0.00E+00	3.68E+00	7.33E-19	5.64E+00	0.00E+00	4.26E-08	1.46E-08	9.58E-04	0.00E+00	-9.17E-01	0.00E+00	5.64E+00	1.40E-06	5.64E+00	4.72E+00	-9.17E-01	0.00E+00	0.00E+00	0.00E+00	1.33E+02
HW4W325FS	-3.83E-03	1.55E-01	1.53E-02	1.39E-01	0.00E+00	0.00E+00	4.05E+00	-5.25E-04	4.46E-05	2.70E-06	0.00E+00	2.09E-19	2.05E-10	-5.12E-08	2.48E-02	-1.06E+01	0.00E+00	0.00E+00	2.45E+00	7.07E-19	4.89E+00	0.00E+00	3.78E-08	2.88E-09	1.37E-06	0.00E+00	-1.13E+00	0.00E+00	4.89E+00	-1.41E-05	4.89E+00	3.77E+00	-1.13E+00	0.00E+00	0.00E+00	0.00E+00	8.09E+01
HW4W332DS	9.86E-03	4.22E+00	4.39E-02	4.18E+00	0.00E+00	0.00E+00	7.86E+00	1.14E-05	3.25E-03	3.44E-02	0.00E+00	7.53E-19	1.54E-09	2.23E-08	7.19E-02	2.44E+00	0.00E+00	0.00E+00	6.04E+00	2.79E-18	1.66E+01	0.00E+00	1.55E-07	7.50E-08	8.06E-03	0.00E+00	1.20E+00	0.00E+00	1.66E+01	2.99E-06	1.66E+01	1.78E+01	1.20E+00	0.00E+00	0.00E+00	0.00E+00	2.05E+02
HW4W332FS	-1.98E-03	2.98E+00	1.45E-02	2.97E+00	0.00E+00	0.00E+00	-1.58E+00	-7.88E-04	1.64E-03	1.94E-02	0.00E+00	5.37E-19	-7.09E-09	-8.07E-08	2.93E-02	-7.40E-01	0.00E+00	0.00E+00	-3.80E+00	2.05E-18	1.95E+00	0.00E+00	7.09E-08	-2.09E-08	2.25E-03	0.00E+00	-1.75E-01	0.00E+00	1.95E+00	-2.75E-05	1.95E+00	1.77E+00	-1.75E-01	0.00E+00	0.00E+00	0.00E+00	-1.83E+02
HW4W340DS	9.96E-03	4.28E+00	4.42E-02	4.24E+00	0.00E+00	0.00E+00	7.89E+00	1.13E-05	3.29E-03	3.49E-02	0.00E+00	7.61E-19	1.55E-09	2.23E-08	7.24E-02	2.25E+00	0.00E+00	0.00E+00	6.06E+00	2.82E-18	1.67E+01	0.00E+00	1.56E-07	7.56E-08	8.16E-03	0.00E+00	1.18E+00	0.00E+00	1.67E+01	2.98E-06	1.67E+01	1.79E+01	1.18E+00	0.00E+00	0.00E+00	0.00E+00	2.05E+02
HW4W340FS	-9.72E-03	-9.98E-01	-1.14E-02	-9.86E-01	0.00E+00	0.00E+00	-3.83E+00	-7.88E-04	-9.60E-04	-1.17E-02	0.00E+00	1.93E-21	-7.72E-09	-8.77E-08	-1.51E-02	-1.21E+01	0.00E+00	0.00E+00	-6.13E+00	7.39E-21	-8.90E+00	0.00E+00	-4.03E-08	-8.06E-08	-4.83E-03	0.00E+00	-2.20E+00	0.00E+00	-8.90E+00	-2.91E-05	-8.90E+00	-1.11E+01	-2.20E+00	0.00E+00	0.00E+00	0.00E+00	-2.54E+02
HW4W410DS	5.91E-03	5.07E+00	4.95E-02	5.02E+00	0.00E+00	0.00E+00	7.58E+00	-5.22E-04	3.27E-03	3.85E-02	0.00E+00	8.96E-19	1.10E-09	-4.09E-08	8.30E-02	2.38E+00	0.00E+00	0.00E+00	5.81E+00	3.32E-18	1.90E+01	0.00E+00	1.81E-07	7.85E-08	8.81E-03	0.00E+00	1.27E+00	0.00E+00	1.90E+01	-1.19E-05	1.90E+01	2.03E+01	1.27E+00	0.00E+00	0.00E+00	0.00E+00	1.86E+02
HW4W410FS	2.26E-03	2.41E-01	1.98E-02	2.21E-01	0.00E+00	0.00E+00	6.26E+00	1.18E-05	6.77E-04	3.65E-03	0.00E+00	2.43E-19	1.02E-09	1.66E-08	3.04E-02	-1.14E+01	0.00E+00	0.00E+00	4.14E+00	8.24E-19	6.32E+00	0.00E+00	4.77E-08	1.60E-08	1.06E-03	0.00E+00	-1.12E+00	0.00E+00	6.32E+00	1.60E-06	6.32E+00	5.20E+00	-1.12E+00	0.00E+00	0.00E+00	0.00E+00	1.49E+02
HW4W412DS	-1.03E-02	-1.14E+00	-1.30E-02	-1.13E+00	0.00E+00	0.00E+00	-4.19E+00	-8.23E-04	-1.06E-03	-1.29E-02	0.00E+00	1.68E-21	-8.70E-09	-9.12E-08	-1.72E-02	-1.44E+01	0.00E+00	0.00E+00	-6.84E+00	6.45E-21	-1.01E+01	0.00E+00	-4.60E-08	-9.08E-08	-5.39E-03	0.00E+00	-2.59E+00	0.00E+00	-1.01E+01	-3.10E-05	-1.01E+01	-1.27E+01	-2.59E+00	0.00E+00	0.00E+00	0.00E+00	-2.83E+02
HW4W412FS	-6.27E-03	4.79E+00	4.47E-02	4.74E+00	0.00E+00	0.00E+00	4.36E+00	-1.70E-03	2.68E-03	3.10E-02	0.00E+00	-2.96E-07	-9.69E-10	-1.80E-07	7.81E-02	-8.53E+00	0.00E+00	0.00E+00	2.52E+00	-1.06E-04	1.73E+01	0.00E+00	1.71E-07	4.80E-08	6.67E-03	-6.95E-08	-4.94E-01	0.00E+00	1.73E+01	-4.69E-05	1.73E+01	1.68E+01	-4.94E-01	0.00E+00	0.00E+00	0.00E+00	4.66E+01
HW4W416DS	5.00E-03	3.78E+00	2.10E-02	3.76E+00	0.00E+00	0.00E+00	8.04E+00	-2.87E-04	2.70E-03	2.82E-02	0.00E+00	6.61E-19	-7.22E-09	-1.63E-08	3.92E-02	5.92E-01	0.00E+00	0.00E+00	-2.78E+00	2.53E-18	3.85E+00	0.00E+00	9.45E-08	-6.25E-09	4.20E-03	0.00E+00	1.03E-01	0.00E+00	3.85E+00	-1.36E-05	3.85E+00	3.96E+00	1.03E-01	0.00E+00	0.00E+00	0.00E+00	-1.45E+02
HW4S410DB	2.64E-02	5.86E+00	9.37E-02	5.77E+00	0.00E+00	0.00E+00	1.71E+01	2.82E-05	1.29E-02	5.10E-02	0.00E+00	1.23E-18	2.47E-09	1.23E-07	1.38E-01	-8.50E+00	0.00E+00	0.00E+00	1.35E+01	4.54E-18	3.30E+01	0.00E+00	2.91E-07	1.38E-07	1.30E-02	0.00E+00	5.56E-01	0.00E+00	3.30E+01	5.99E-06	3.30E+01	3.36E+01	5.56E-01	0.00E+00	0.00E+00	0.00E+00	4.70E+02
HW4S410DE	1.70E-02	9.11E-01	6.17E-02	8.49E-01	0.00E+00	0.00E+00	1.43E+01	2.60E-05	9.99E-03	1.28E-02	0.00E+00	-1.02E-06	1.50E-09	1.17E-07	8.14E-02	-3.04E+01	0.00E+00	0.00E+00	1.03E+01	-3.64E-04	1.89E+01	0.00E+00	1.50E-07	5.89E-08	4.21E-03	-2.40E-07	-3.11E+00	0.00E+00	1.89E+01	3.35E-06	1.89E+01	1.58E+01	-3.11E+00	0.00E+00	0.00E+00	0.00E+00	3.67E+02
HW4S410FB	-1.19E-01	4.60E+00	4.13E-02	4.56E+00	0.00E+00	0.00E+00	-1.97E+01	-1.33E-02	-1.79E-03	-2.71E-02	0.00E+00	-6.57E-07	-1.38E-08	-1.52E-06	9.15E-02	-2.21E+01	0.00E+00	0.00E+00	-1.46E+01	-2.35E-04	1.81E+01	0.00E+00	1.98E-07	-1.30E-07	-9.74E-03	-1.55E-07	-2.68E+00	0.00E+00	1.81E+01	-3.75E-04	1.81E+01	1.54E+01	-2.68E+00	0.00E+00	0.00E+00	0.00E+00	-7.10E+02
HW4S410FE	6.08E-03	-5.39E-01	1.74E-02	-5.56E-01	0.00E+00	0.00E+00	1.13E+00	-4.05E-04	6.89E-03	-4.36E-03	0.00E+00	2.39E-19	-1.06E-08	4.18E-08	1.89E-02	-1.19E+01	0.00E+00	0.00E+00	-2.70E+00	9.17E-19	-2.49E+00	0.00E+00	2.88E-08	-6.31E-08	-3.29E-03	0.00E+00	-1.73E+00	0.00E+00	-2.49E+00	-1.91E-05	-2.49E+00	-4.21E+00	-1.73E+00	0.00E+00	0.00E+00	0.00E+00	-1.35E+02
HW4S412DB	1.48E-02	1.20E-01	5.62E-02	6.36E-02	0.00E+00	0.00E+00	1.35E+01	2.36E-05	9.26E-03	7.86E-03	0.00E+00	-6.57E-07	2.41E-09	1.12E-07	6.35E-02	-5.73E+01	0.00E+00	0.00E+00	1.05E+01	-2.35E-04	1.38E+01	0.00E+00	1.05E-07	2.93E-08	2.83E-03	-1.55E-07	-7.06E+00	0.00E+00	1.38E+01	2.98E-06	1.38E+01	6.77E+00	-7.06E+00	0.00E+00	0.00E+00	0.00E+00	3.89E+02
HW4S412DE	2.55E-02	5.21E+00	9.15E-02	5.12E+00	0.00E+00	0.00E+00	1.69E+01	2.75E-05	1.29E-02	4.72E-02	0.00E+00	1.17E-18	3.35E-09	1.26E-07	1.28E-01	-3.23E+01	0.00E+00	0.00E+00	1.43E+01	4.26E-18	2.96E+01	0.00E+00	2.60E-07	1.17E-07	1.20E-02	0.00E+00	-2.87E+00	0.00E+00	2.96E+01	6.01E-06	2.96E+01	2.67E+01	-2.87E+00	0.00E+00	0.00E+00	0.00E+00	5.12E+02
HW4S412FB	-1.40E-01	-2.94E+00	-4.45E-02	-2.90E+00	0.00E+00	0.00E+00	-3.67E+01	-1.37E-02	-7.05E-03	-8.92E-02	0.00E+00	4.01E-20	-2.86E-08	-1.59E-06	-4.67E-02	-6.45E+01	0.00E+00	0.00E+00	-3.45E+01	1.53E-19	-2.35E+01	0.00E+00	-1.09E-07	-3.76E-07	-2.78E-02	0.00E+00	-1.10E+01	0.00E+00	-2.35E+01	-4.05E-04	-2.35E+01	-3.45E+01	-1.10E+01	0.00E+00	0.00E+00	0.00E+00	-1.46E+03
HW4S412FE	1.54E-02	4.24E+00	4.89E-02	4.19E+00	0.00E+00	0.00E+00	3.86E+00	-4.04E-04	1.00E-02	3.28E-02	0.00E+00	8.82E-19	-9.87E-09	5.03E-08	7.25E-02	2.65E+00	0.00E+00	0.00E+00	1.29E-01	3.38E-18	1.07E+01	0.00E+00	1.63E-07	9.41E-09	5.21E-03	0.00E+00	8.40E-01	0.00E+00	1.07E+01	-1.72E-05	1.07E+01	1.15E+01	8.40E-01	0.00E+00	0.00E+00	0.00E+00	-6.84E+01
HW4S416DB	1.85E-02	1.50E+00	6.89E-02	1.43E+00	0.00E+00	0.00E+00	1.54E+01	3.25E-05	1.00E-02	1.66E-02	0.00E+00	-6.57E-07	2.81E-09	1.18E-07	9.49E-02	-8.31E+00	0.00E+00	0.00E+00	1.32E+01	-2.35E-04	2.34E+01	0.00E+00	1.81E-07	8.80E-08	5.32E-03	-1.55E-07	3.86E-01	0.00E+00	2.34E+01	6.95E-06	2.34E+01	2.38E+01	3.86E-01	0.00E+00	0.00E+00	0.00E+00	4.85E+02
HW4S416DE	-1.25E-01	4.60E+00	4.08E-02	4.56E+00	0.00E+00	0.00E+00	-2.12E+01	-1.39E-02	-2.03E-03	-3.02E-02	0.00E+00	-1.02E-06	-1.46E-08	-1.60E-06	9.11E-02	-2.54E+01	0.00E+00	0.00E+00	-1.56E+01	-3.64E-04	1.78E+01	0.00E+00	1.98E-07	-1.43E-07	-1.07E-02	-2.40E-07	-3.20E+00	0.00E+00	1.78E+01	-3.94E-04	1.78E+01	1.46E+01	-3.20E+00	0.00E+00	0.00E+00	0.00E+00	-7.57E+02
HW4S416FB	-1.37E-01	-1.73E+00	-3.06E-02	-1.69E+00	0.00E+00	0.00E+00	-3.48E+01	-1.37E-02	-6.36E-03	-8.11E-02	0.00E+00	-6.57E-07	-2.73E-08	-1.59E-06	-1.99E-02	-2.90E+01	0.00E+00	0.00E+00	-3.07E+01	-2.35E-04	-1.53E+01	0.00E+00	-4.58E-08	-3.26E-07	-2.55E-02	-1.55E-07	-5.45E+00	0.00E+00	-1.53E+01	-4.01E-04	-1.53E+01	-2.08E+01	-5.45E+00	0.00E+00	0.00E+00	0.00E+00	-1.32E+03
HW4S416FE	-1.09E-01	3.04E+00	7.17E-04	3.03E+00	0.00E+00	0.00E+00	-2.81E+01	-1.18E-02	-2.58E-03	-3.52E-02	0.00E+00	7.93E-19	-2.47E-08	-1.36E-06	3.05E-02	-9.11E+00	0.00E+00	0.00E+00	-2.54E+01	3.03E-18	-2.94E+00	0.00E+00	7.94E-08	-2.26E-07	-1.46E-02	0.00E+00	-2.09E+00	0.00E+00	-2.94E+00	-3.46E-04	-2.94E+00	-5.03E+00	-2.09E+00	0.00E+00	0.00E+00	0.00E+00	-1.12E+03
HW4S420DB	-1.32E-01	-8.75E-01	1.77E-04	-8.75E-01	0.00E+00	0.00E+00	-2.41E+01	-1.34E-02	-5.38E-03	-6.99E-02	0.00E+00	-6.57E-07	-1.60E-08	-1.55E-06	2.15E-02	-5.60E+01	0.00E+00	0.00E+00	-2.06E+01	-2.35E-04	-5.23E-02	0.00E+00	2.70E-08	-2.36E-07	-1.98E-02	-1.55E-07	-8.38E+00	0.00E+00	-5.23E-02	-3.86E-04	-5.23E-02	-8.43E+00	-8.38E+00	0.00E+00	0.00E+00	0.00E+00	-9.25E+02
HW4S420DE	1.55E-02	2.82E-01	5.56E-02	2.26E-01	0.00E+00	0.00E+00	1.36E+01	2.30E-05	9.63E-03	8.68E-03	0.00E+00	-1.02E-06	1.33E-09	1.15E-07	6.82E-02	-4.75E+01	0.00E+00	0.00E+00	9.27E+00	-3.64E-04	1.51E+01	0.00E+00	1.19E-07	3.62E-08	3.09E-03	-2.40E-07	-5.74E+00	0.00E+00	1.51E+01	1.93E-06	1.51E+01	9.41E+00	-5.74E+00	0.00E+00	0.00E+00	0.00E+00	3.31E+02
HW4S420FB	-1.28E-01	-1.42E-01	7.46E-03	-1.49E-01	0.00E+00	0.00E+00	-2.28E+01	-1.32E-02	-4.90E-03	-6.41E-02	0.00E+00	5.02E-19	-1.56E-08	-1.53E-06	3.72E-02	-3.60E+01	0.00E+00	0.00E+00	-1.90E+01	1.77E-18	4.48E+00	0.00E+00	6.36E-08	-2.00E-07	-1.83E-02	0.00E+00	-5.31E+00	0.00E+00	4.48E+00	-3.79E-04	4.48E+00	-8.21E-01	-5.31E+00	0.00E+00	0.00E+00	0.00E+00	-8.68E+02
HW4S420FE	1.28E-02	2.33E-01	5.10E-02	1.82E-01	0.00E+00	0.00E+00	1.26E+01	2.17E-05	7.93E-03	7.66E-03	0.00E+00	4.38E-19	2.07E-09	9.76E-08	5.92E-02	-4.75E+01	0.00E+00	0.00E+00	9.28E+00	1.52E-18	1.26E+01	0.00E+00	9.64E-08	2.77E-08	2.63E-03	0.00E+00	-5.76E+00	0.00E+00	1.26E+01	2.41E-06	1.26E+01	6.82E+00	-5.76E+00	0.00E+00	0.00E+00	0.00E+00	3.40E+02
HW4S425DB	2.37E-02	4.84E+00	8.40E-02	4.76E+00	0.00E+00	0.00E+00	1.58E+01	2.21E-05	1.23E-02	4.45E-02	0.00E+00	-6.57E-07	2.17E-09	1.19E-07	1.15E-01	-4.29E+01	0.00E+00	0.00E+00	1.16E+01	-2.35E-04	2.61E+01	0.00E+00	2.35E-07	9.62E-08	1.11E-02	-1.55E-07	-4.69E+00	0.00E+00	2.61E+01	3.18E-06	2.61E+01	2.14E+01	-4.69E+00	0.00E+00	0.00E+00	0.00E+00	4.02E+02
HW4S425DE	2.48E-02	5.09E+00	8.69E-02	5.01E+00	0.00E+00	0.00E+00	1.63E+01	2.40E-05	1.28E-02	4.61E-02	0.00E+00	1.13E-18	2.09E-09	1.23E-07	1.22E-01	-3.32E+01	0.00E+00	0.00E+00	1.21E+01	4.16E-18	2.83E+01	0.00E+00	2.53E-07	1.09E-07	1.16E-02	0.00E+00	-2.21E+00	0.00E+00	2.83E+01	3.82E-06	2.83E+01	2.51E+01	-2.21E+00	0.00E+00	0.00E+00	0.00E+00	4.17E+02
HW4S425FB	2.66E-02	5.90E+00	9.65E-02	5.80E+00	0.00E+00	0.00E+00	1.75E+01	3.07E-05	1.28E-02	5.14E-02	0.00E+00	-6.57E-07	3.45E-09	1.24E-07	1.39E-01	-8.69E+00	0.00E+00	0.00E+00	1.52E+01	-2.35E-04	3.37E+01	0.00E+00	2.93E-07	1.43E-07	1.31E-02	-1.55E-07	6.80E-01	0.00E+00	3.37E+01	7.67E-06	3.37E+01	3.44E+01	6.80E-01	0.00E+00	0.00E+00	0.00E+00	5.41E+02
HW4S425FE	-1.02E-01	3.86E+00	3.48E-02	3.83E+00	0.00E+00	0.00E+00	-1.65E+01	-1.14E-02	-1.52E-03	-2.29E-02	0.00E+00	9.95E-19	-1.20E-08	-1.30E-06	7.26E-02	-4.06E+01	0.00E+00	0.00E+00	-1.33E+01	3.65E-18	1.27E+01	0.00E+00	1.51E-07	-1.32E-07	-8.53E-03	0.00E+00	-5.53E+00	0.00E+00	1.27E+01	-3.24E-04	1.27E+01	7.21E+00	-5.53E+00	0.00E+00	0.00E+00	0.00E+00	-6.42E+02
HW4S432DB	-2.48E+01	-1.43E+02	-3.12E+00	-1.39E+02	0.00E+00	0.00E+00	-5.50E+03	-2.49E+00	-1.06E+00	-1.37E+01	0.00E+00	-6.57E-07	-2.97E-06	-2.90E-04	-4.70E+00	-2.06E+03	0.00E+00	0.00E+00	-4.39E+03	-2.35E-04	-1.35E+03	0.00E+00	-5.47E-06	-4.43E-05	-3.89E+00	-1.55E-07	-4.40E+02	0.00E+00	-1.35E+03	-7.17E-02	-1.35E+03	-1.79E+03	-4.40E+02	0.00E+00	0.00E+00	0.00E+00	-1.91E+05
HW4S432DE	1.82E+00	-2.54E+01	4.27E+00	-2.96E+01	0.00E+00	0.00E+00	5.90E+02	-2.75E-02	1.56E+00	-2.18E-01	0.00E+00	-1.02E-06	-6.21E-07	1.46E-05	2.77E+00	2.21E+02	0.00E+00	0.00E+00	2.73E+02	-3.64E-04	7.27E+01	0.00E+00	3.58E-06	-2.21E-06	-1.31E-01	-2.40E-07	8.10E+01	0.00E+00	7.27E+01	-1.53E-03	7.27E+01	1.54E+02	8.10E+01	0.00E+00	0.00E+00	0.00E+00	8.14E+03
HW4S432FB	-8.92E+00	-1.17E+02	-2.37E+00	-1.15E+02	0.00E+00	0.00E+00	-2.27E+03	-8.78E-01	-4.26E-01	-5.41E+00	0.00E+00	4.44E-19	-1.52E-06	-1.02E-04	-5.34E+00	-8.56E+02	0.00E+00	0.00E+00	-2.02E+03	1.66E-18	-1.24E+03	0.00E+00	-5.90E-06	-2.05E-05	-1.64E+00	0.00E+00	-2.27E+02	0.00E+00	-1.24E+03	-2.57E-02	-1.24E+03	-1.47E+03	-2.27E+02	0.00E+00	0.00E+00	0.00E+00	-8.58E+04
HW4S312DB	2.14E-02	4.65E+00	7.60E-02	4.57E+00	0.00E+00	0.00E+00	1.44E+01	2.42E-05	1.04E-02	4.15E-02	0.00E+00	-1.02E-06	2.89E-09	1.01E-07	1.10E-01	-2.04E+01	0.00E+00	0.00E+00	1.24E+01	-3.64E-04	2.63E+01	0.00E+00	2.30E-07	1.07E-07	1.05E-02	-2.40E-07	-1.39E+00	0.00E+00	2.63E+01	5.71E-06	2.63E+01	2.49E+01	-1.39E+00	0.00E+00	0.00E+00	0.00E+00	4.42E+02
HW4S312DE	-7.67E-02	3.66E+00	3.36E-02	3.62E+00	0.00E+00	0.00E+00	-1.14E+01	-8.69E-03	-6.79E-04	-1.18E-02	0.00E+00	8.83E-19	-8.90E-09	-9.94E-07	6.74E-02	-2.98E+01	0.00E+00	0.00E+00	-9.17E+00	3.25E-18	1.25E+01	0.00E+00	1.42E-07	-8.76E-08	-5.19E-03	0.00E+00	-3.90E+00	0.00E+00	1.25E+01	-2.47E-04	1.25E+01	8.65E+00	-3.90E+00	0.00E+00	0.00E+00	0.00E+00	-4.58E+02
HW4S312FB	-9.81E-02	3.47E+00	3.17E-02	3.43E+00	0.00E+00	0.00E+00	-1.63E+01	-1.09E-02	-1.59E-03	-2.36E-02	0.00E+00	9.31E-19	-1.13E-08	-1.25E-06	6.83E-02	-3.63E+01	0.00E+00	0.00E+00	-1.23E+01	3.38E-18	1.26E+01	0.00E+00	1.46E-07	-1.23E-07	-8.45E-03	0.00E+00	-4.89E+00	0.00E+00	1.26E+01	-3.06E-04	1.26E+01	7.75E+00	-4.89E+00	0.00E+00	0.00E+00	0.00E+00	-5.94E+02
HW4S312FE	-7.70E-02	3.54E+00	3.28E-02	3.51E+00	0.00E+00	0.00E+00	-1.15E+01	-8.69E-03	-7.55E-04	-1.27E-02	0.00E+00	8.66E-19	-8.92E-09	-9.94E-07	6.60E-02	-2.99E+01	0.00E+00	0.00E+00	-9.24E+00	3.18E-18	1.22E+01	0.00E+00	1.39E-07	-8.93E-08	-5.39E-03	0.00E+00	-3.93E+00	0.00E+00	1.22E+01	-2.47E-04	1.22E+01	8.30E+00	-3.93E+00	0.00E+00	0.00E+00	0.00E+00	-4.60E+02
HW4S316DB	2.00E-02	4.14E+00	7.35E-02	4.06E+00	0.00E+00	0.00E+00	1.36E+01	2.02E-05	1.02E-02	3.84E-02	0.00E+00	-1.02E-06	2.74E-09	9.91E-08	9.77E-02	-4.24E+01	0.00E+00	0.00E+00	1.12E+01	-3.64E-04	2.23E+01	0.00E+00	1.99E-07	8.18E-08	9.58E-03	-2.40E-07	-4.72E+00	0.00E+00	2.23E+01	3.99E-06	2.23E+01	1.76E+01	-4.72E+00	0.00E+00	0.00E+00	0.00E+00	4.01E+02
HW4S316DE	-8.32E-02	2.69E+00	2.38E-02	2.69E+00	0.00E+00	0.00E+00	-2.15E+01	-9.06E-03	-1.74E-03	-2.42E-02	0.00E+00	6.75E-19	-1.98E-08	-1.04E-06	2.71E-02	-7.07E+00	0.00E+00	0.00E+00	-1.99E+01	2.58E-18	-2.04E+00	0.00E+00	6.98E-08	-1.76E-07	-1.08E-02	0.00E+00	-1.62E+00	0.00E+00	-2.04E+00	-2.66E-04	-2.04E+00	-3.67E+00	-1.62E+00	0.00E+00	0.00E+00	0.00E+00	-8.80E+02
HW4S316FB	-1.05E-01	2.28E+00	-1.36E-03	2.29E+00	0.00E+00	0.00E+00	-2.67E+01	-1.12E-02	-2.74E-03	-3.68E-02	0.00E+00	-1.02E-06	-2.21E-08	-1.30E-06	2.07E-02	-3.06E+01	0.00E+00	0.00E+00	-2.36E+01	-3.64E-04	-4.32E+00	0.00E+00	5.55E-08	-2.26E-07	-1.44E-02	-2.40E-07	-5.16E+00	0.00E+00	-4.32E+00	-3.29E-04	-4.32E+00	-9.47E+00	-5.16E+00	0.00E+00	0.00E+00	0.00E+00	-1.04E+03
HW4S316FE	-8.32E-02	1.46E-01	1.26E-02	1.34E-01	0.00E+00	0.00E+00	-1.29E+01	-8.69E-03	-3.03E-03	-4.60E-02	0.00E+00	4.08E-19	-9.38E-09	-9.99E-07	3.52E-02	-2.11E+01	0.00E+00	0.00E+00	-1.04E+01	1.43E-18	5.43E+00	0.00E+00	5.95E-08	-1.24E-07	-1.14E-02	0.00E+00	-2.88E+00	0.00E+00	5.43E+00	-2.47E-04	5.43E+00	2.54E+00	-2.88E+00	0.00E+00	0.00E+00	0.00E+00	-4.91E+02
HW4S320DB	-1.13E-01	-1.51E+00	-2.86E-02	-1.46E+00	0.00E+00	0.00E+00	-2.89E+01	-1.12E-02	-5.29E-03	-6.74E-02	0.00E+00	1.61E-19	-2.39E-08	-1.31E-06	-1.67E-02	-2.15E+01	0.00E+00	0.00E+00	-2.71E+01	6.16E-19	-1.30E+01	0.00E+00	-3.70E-08	-2.72E-07	-2.12E-02	0.00E+00	-4.30E+00	0.00E+00	-1.30E+01	-3.31E-04	-1.30E+01	-1.73E+01	-4.30E+00	0.00E+00	0.00E+00	0.00E+00	-1.16E+03
HW4S320DE	-8.54E-02	-7.43E-01	4.57E-03	-7.47E-01	0.00E+00	0.00E+00	-1.40E+01	-8.69E-03	3.53E-03	-4.59E-02	0.00E+00	2.94E-19	-9.62E-09	-1.00E-06	1.66E-02	-4.75E+01	0.00E+00	0.00E+00	-1.19E+01	9.93E-19	-1.01E+01	0.00E+00	1.45E-08	-1.58E-07	-1.30E-02	0.00E+00	-6.90E+00	0.00E+00	-1.01E+01	-2.49E-04	-1.01E+01	-7.00E+00	-6.90E+00	0.00E+00	0.00E+00	0.00E+00	-5.44E+02
HW4S320FB	1.48E-02	1.18E+00	5.38E-02	1.13E+00	0.00E+00	0.00E+00	1

HW4E410DE	-1.35E-01	-3.42E-01	4.79E-03	-3.47E-01	0.00E+00	0.00E+00	-2.45E+01	-1.39E-02	-5.27E-03	-6.88E-02	0.00E+00	-1.02E-06	-1.66E-08	-1.61E-06	3.38E-02	-4.01E+01	0.00E+00	0.00E+00	-2.07E+01	-3.64E-04	3.40E+00	0.00E+00	5.65E-08	-2.23E-07	-1.96E-02	-2.40E-07	-5.98E+00	0.00E+00	3.40E+00	-3.98E-04	3.40E+00	-2.58E+00	-5.98E+00	0.00E+00	0.00E+00	0.00E+00	-9.37E+02
HW4E410FB	1.68E-02	3.97E+00	5.25E-02	3.92E+00	0.00E+00	0.00E+00	4.56E+00	-3.97E-04	1.12E-02	3.23E-02	0.00E+00	9.08E-19	-9.41E-09	6.39E-08	7.26E-02	-1.68E+01	0.00E+00	0.00E+00	1.05E+00	3.43E-18	1.06E+01	0.00E+00	1.61E-07	2.39E-09	5.19E-03	0.00E+00	-1.90E+00	0.00E+00	1.06E+01	-1.71E-05	1.06E+01	8.66E+00	-1.90E+00	0.00E+00	0.00E+00	0.00E+00	-1.00E+01
HW4E410FE	1.90E-02	4.50E+00	5.89E-02	4.44E+00	0.00E+00	0.00E+00	5.64E+00	-3.93E-04	1.19E-02	3.58E-02	0.00E+00	-1.02E-06	-9.15E-09	7.09E-08	8.66E-02	3.20E+00	0.00E+00	0.00E+00	2.56E+00	-3.64E-04	1.50E+01	0.00E+00	1.96E-07	2.85E-08	6.24E-03	-2.40E-07	1.18E+00	0.00E+00	1.50E+01	-1.52E-05	1.50E+01	1.61E+01	1.18E+00	0.00E+00	0.00E+00	0.00E+00	4.56E+01
HW4E412DB	1.42E-02	2.91E+00	4.29E-02	2.87E+00	0.00E+00	0.00E+00	3.24E+00	-4.04E-04	1.07E-02	2.55E-02	0.00E+00	-6.57E-07	-9.71E-09	6.13E-08	4.93E-02	-5.08E+01	0.00E+00	0.00E+00	-8.14E-01	-2.35E-04	3.63E+00	0.00E+00	1.05E-07	-3.98E-08	3.29E-03	-1.55E-07	-7.08E+00	0.00E+00	3.63E+00	-1.99E-05	3.63E+00	-3.45E+00	-7.08E+00	0.00E+00	0.00E+00	0.00E+00	-7.64E+01
HW4E412DE	-1.25E-01	4.52E+00	4.03E-02	4.48E+00	0.00E+00	0.00E+00	-2.12E+01	-1.39E-02	-2.09E-03	-3.08E-02	0.00E+00	-1.02E-06	-1.46E-08	-1.60E-06	9.03E-02	-2.51E+01	0.00E+00	0.00E+00	-1.57E+01	-3.64E-04	1.77E+01	0.00E+00	1.96E-07	-1.43E-07	-1.08E-02	-2.40E-07	-3.16E+00	0.00E+00	1.77E+01	-3.94E-04	1.77E+01	1.45E+01	-3.16E+00	0.00E+00	0.00E+00	0.00E+00	-7.58E+02
HW4E412FB	1.57E-02	4.80E-01	5.90E-02	4.20E-01	0.00E+00	0.00E+00	1.40E+01	2.63E-05	9.33E-03	1.00E-02	0.00E+00	5.18E-19	2.50E-09	1.13E-07	7.21E-02	-4.22E+01	0.00E+00	0.00E+00	1.12E+01	1.78E-18	1.65E+01	0.00E+00	1.26E-07	4.61E-08	3.47E-03	0.00E+00	-4.78E+00	0.00E+00	1.65E+01	4.19E-08	1.65E+01	1.18E+01	-4.78E+00	0.00E+00	0.00E+00	0.00E+00	4.15E+02
HW4E412FE	1.52E-02	4.15E+00	4.80E-02	4.10E+00	0.00E+00	0.00E+00	3.81E+00	-4.04E-04	9.94E-03	3.21E-02	0.00E+00	8.70E-19	-9.88E-09	5.02E-08	7.15E-02	2.38E+00	0.00E+00	0.00E+00	7.55E-02	3.33E-18	1.04E+01	0.00E+00	1.61E-07	8.03E-09	5.04E-03	0.00E+00	7.92E-01	0.00E+00	1.04E+01	-1.73E-05	1.04E+01	1.12E+01	7.92E-01	0.00E+00	0.00E+00	0.00E+00	-5.00E+01
HW4E312DB	-1.07E-01	1.91E+00	-8.48E-03	1.91E+00	0.00E+00	0.00E+00	-2.75E+01	-1.12E-02	-2.99E-03	-3.98E-02	0.00E+00	6.25E-19	-2.34E-08	-1.30E-06	1.30E-02	-3.45E+01	0.00E+00	0.00E+00	-2.61E+01	2.39E-18	-6.65E+00	0.00E+00	3.94E-08	-2.40E-07	-1.52E-02	0.00E+00	-5.97E+00	0.00E+00	-6.65E+00	-3.31E-04	-6.65E+00	-1.26E+01	-5.97E+00	0.00E+00	0.00E+00	0.00E+00	-1.14E+03
HW4E312DE	2.02E-03	-1.32E+00	4.61E-03	-1.32E+00	0.00E+00	0.00E+00	-5.08E-01	-3.52E-04	4.74E-03	-9.46E-03	0.00E+00	8.52E-20	-9.39E-09	2.54E-08	-4.54E-03	-3.64E+01	0.00E+00	0.00E+00	-4.22E+00	3.27E-19	-8.23E+00	0.00E+00	-2.43E-08	-8.98E-08	-4.46E-03	0.00E+00	-5.52E+00	0.00E+00	-8.23E+00	-1.87E-05	-8.23E+00	-1.37E+01	-5.52E+00	0.00E+00	0.00E+00	0.00E+00	-1.84E+02
HW4E312FB	1.49E-02	1.25E+00	5.43E-02	1.20E+00	0.00E+00	0.00E+00	1.25E+01	2.45E-05	8.13E-03	1.38E-02	0.00E+00	-1.02E-06	1.22E-09	9.44E-08	7.87E-02	-7.53E+00	0.00E+00	0.00E+00	9.19E+00	-3.64E-04	1.91E+01	0.00E+00	1.52E-07	6.92E-08	4.35E-03	-2.40E-07	7.49E-02	0.00E+00	1.91E+01	4.03E-06	1.91E+01	1.92E+01	7.49E-02	0.00E+00	0.00E+00	0.00E+00	3.28E+02
HW4E312FE	-7.52E-02	4.24E+00	3.94E-02	4.20E+00	0.00E+00	0.00E+00	-1.06E+01	-8.69E-03	-1.67E-04	-8.17E-03	0.00E+00	9.59E-19	-8.73E-09	-9.91E-07	8.12E-02	-8.58E+00	0.00E+00	0.00E+00	-8.01E+00	3.54E-18	1.67E+01	0.00E+00	1.75E-07	-6.22E-08	-4.14E-03	0.00E+00	-6.78E-01	0.00E+00	1.67E+01	-2.45E-04	1.67E+01	1.60E+01	-6.78E-01	0.00E+00	0.00E+00	0.00E+00	-4.17E+02
HW4E316DB	6.06E-03	-7.27E-01	1.76E-02	-7.44E-01	0.00E+00	0.00E+00	1.54E+00	-3.39E-04	6.57E-03	-4.42E-03	0.00E+00	2.32E-19	-8.60E-09	4.46E-08	1.62E-02	-2.72E+01	0.00E+00	0.00E+00	-1.38E+00	8.35E-19	-2.09E+00	0.00E+00	2.28E-08	-5.97E-08	-2.88E-03	0.00E+00	-3.86E+00	0.00E+00	-2.09E+00	-1.59E-05	-2.09E+00	-5.95E+00	-3.86E+00	0.00E+00	0.00E+00	0.00E+00	-7.63E+01
HW4E316DE	-7.71E-02	3.51E+00	3.23E-02	3.47E+00	0.00E+00	0.00E+00	-1.16E+01	-8.69E-03	-7.62E-04	-1.28E-02	0.00E+00	8.65E-19	-8.94E-09	-9.94E-07	6.41E-02	-3.47E+01	0.00E+00	0.00E+00	-9.44E+00	3.18E-18	1.16E+01	0.00E+00	1.34E-07	-9.37E-08	-5.46E-03	0.00E+00	-4.65E+00	0.00E+00	1.16E+01	-2.47E-04	1.16E+01	6.90E+00	-4.65E+00	0.00E+00	0.00E+00	0.00E+00	-4.68E+02
HW4E316FB	2.04E-02	4.31E+00	7.48E-02	4.24E+00	0.00E+00	0.00E+00	1.38E+01	2.11E-05	1.03E-02	3.95E-02	0.00E+00	-1.02E-06	2.78E-09	9.96E-08	1.01E-01	-3.75E+01	0.00E+00	0.00E+00	1.15E+01	-3.64E-04	2.34E+01	0.00E+00	2.08E-07	8.80E-08	9.89E-03	-2.40E-07	-3.97E+00	0.00E+00	2.34E+01	4.39E-06	2.34E+01	1.94E+01	-3.97E+00	0.00E+00	0.00E+00	0.00E+00	4.11E+02
HW4E316FE	1.83E-02	4.38E+00	6.69E-02	4.32E+00	0.00E+00	0.00E+00	1.29E+01	1.98E-05	8.81E-03	3.87E-02	0.00E+00	9.24E-19	2.39E-09	8.40E-08	9.72E-02	-2.14E+01	0.00E+00	0.00E+00	1.02E+01	3.41E-18	2.24E+01	0.00E+00	2.00E-07	8.96E-08	9.57E-03	0.00E+00	-1.76E+00	0.00E+00	2.24E+01	4.03E-06	2.24E+01	2.06E+01	-1.76E+00	0.00E+00	0.00E+00	0.00E+00	3.60E+02
HW4E310DB	-1.04E-03	3.06E-01	1.36E-02	2.92E-01	0.00E+00	0.00E+00	-1.74E+01	-1.09E-02	-3.75E-03	-4.95E-02	0.00E+00	5.00E-19	-1.17E-08	-1.25E-06	4.31E-02	-1.78E+01	0.00E+00	0.00E+00	-1.30E+01	1.73E-18	7.62E+00	0.00E+00	8.06E-08	-1.47E-07	-1.41E-02	0.00E+00	-2.37E+00	0.00E+00	7.62E+00	-3.08E-04	7.62E+00	5.24E+00	-2.37E+00	0.00E+00	0.00E+00	0.00E+00	-6.07E+02
HW4E310FE	1.21E-02	1.01E+00	4.89E-02	9.62E-01	0.00E+00	0.00E+00	1.14E+01	2.27E-05	6.55E-03	1.15E-02	0.00E+00	4.71E-19	1.93E-09	7.92E-08	6.67E-02	-1.25E+01	0.00E+00	0.00E+00	9.05E+00	1.67E-18	1.57E+01	0.00E+00	1.22E-07	5.49E-08	3.59E-03	0.00E+00	-7.00E-01	0.00E+00	1.57E+01	4.15E-06	1.57E+01	1.50E+01	-7.00E-01	0.00E+00	0.00E+00	0.00E+00	3.29E+02
HW4E310DE	-1.10E-01	1.42E+00	-1.30E-02	1.43E+00	0.00E+00	0.00E+00	-2.87E+01	-1.15E-02	-3.33E-03	-4.39E-02	0.00E+00	5.71E-19	-2.38E-08	-1.33E-06	1.81E-03	-5.25E+01	0.00E+00	0.00E+00	-2.74E+01	2.19E-18	-1.02E+01	0.00E+00	1.16E-08	-2.65E-07	-1.64E-02	0.00E+00	-8.71E+00	0.00E+00	-1.02E+01	-3.39E-04	-1.02E+01	-1.89E+01	-8.71E+00	0.00E+00	0.00E+00	0.00E+00	-1.19E+03
HW4E310FB	-1.14E-01	-2.02E+00	-3.31E-02	-1.99E+00	0.00E+00	0.00E+00	-2.97E+01	-1.12E-02	-5.56E-03	-7.06E-02	0.00E+00	-1.02E-06	-2.40E-08	-1.31E-06	-2.94E-02	-4.34E+01	0.00E+00	0.00E+00	-2.62E+01	-3.64E-04	-1.70E+01	0.00E+00	-6.80E-08	-2.97E-07	-2.22E-02	-2.40E-07	-7.62E+00	0.00E+00	-1.70E+01	-3.33E-04	-1.70E+01	-2.46E+01	-7.62E+00	0.00E+00	0.00E+00	0.00E+00	-1.20E+03
HW4E416DB	1.71E-02	1.13E+00	6.28E-02	1.07E+00	0.00E+00	0.00E+00	1.44E+01	2.72E-05	9.79E-03	1.41E-02	0.00E+00	-6.57E-07	1.71E-09	1.14E-07	8.46E-02	-2.29E+01	0.00E+00	0.00E+00	1.07E+01	-2.35E-04	2.00E+01	0.00E+00	1.58E-07	6.66E-08	4.54E-03	-1.55E-07	-1.98E+00	0.00E+00	2.00E+01	4.10E-06	2.00E+01	1.80E+01	-1.98E+00	0.00E+00	0.00E+00	0.00E+00	3.84E+02
HW4E416DE	1.62E-02	3.45E+00	4.91E-02	3.40E+00	0.00E+00	0.00E+00	4.27E+00	-3.99E-04	1.13E-02	2.90E-02	0.00E+00	8.45E-19	-9.46E-09	6.70E-08	6.35E-02	-3.15E+01	0.00E+00	0.00E+00	6.16E-01	3.18E-18	7.97E+00	0.00E+00	1.39E-07	-1.44E-08	4.35E-03	-1.55E-07	-4.10E+00	0.00E+00	7.97E+00	-1.80E-05	7.97E+00	3.86E+00	-4.10E+00	0.00E+00	0.00E+00	0.00E+00	-2.39E+01
HW4E416FB	-1.30E-01	2.08E+00	-8.51E-03	2.08E+00	0.00E+00	0.00E+00	-3.33E+01	-1.37E-02	-3.78E-03	-5.01E-02	0.00E+00	-6.57E-07	-2.68E-08	-1.58E-06	1.25E-02	-4.50E+01	0.00E+00	0.00E+00	-2.96E+01	-2.35E-04	-8.48E+00	0.00E+00	3.78E-08	-2.91E-07	-1.87E-02	-1.55E-07	-7.53E+00	0.00E+00	-8.46E+00	-4.01E-04	-8.46E+00	-1.60E+01	-7.53E+00	0.00E+00	0.00E+00	0.00E+00	-1.29E+03
HW4E416FE	2.82E-03	-1.81E+00	5.87E-03	-1.81E+00	0.00E+00	0.00E+00	-4.73E-01	-4.12E-04	6.18E-03	-1.26E-02	0.00E+00	7.75E-20	-1.10E-08	3.72E-08	-8.34E-03	-5.16E+01	0.00E+00	0.00E+00	-4.94E+00	2.98E-19	-1.08E+01	0.00E+00	-3.71E-08	-1.13E-07	-5.58E-03	0.00E+00	-7.78E+00	0.00E+00	-1.08E+01	-2.24E-05	-1.08E+01	-1.84E+01	-7.78E+00	0.00E+00	0.00E+00	0.00E+00	-2.15E+02
HW4E420DB	1.46E-02	3.93E-02	5.54E-02	-1.61E-02	0.00E+00	0.00E+00	1.33E+01	2.28E-05	9.22E-03	7.44E-03	0.00E+00	4.69E-19	2.38E-09	1.12E-07	6.12E-02	-6.20E+01	0.00E+00	0.00E+00	1.03E+01	1.60E-18	1.30E+01	0.00E+00	9.90E-08	2.43E-08	2.69E-03	0.00E+00	-7.77E+00	0.00E+00	1.30E+01	2.61E-06	1.30E+01	5.28E+00	-7.77E+00	0.00E+00	0.00E+00	0.00E+00	3.81E+02
HW4E420DE	-1.29E-01	3.26E+00	2.52E-02	3.24E+00	0.00E+00	0.00E+00	-2.33E+01	-1.39E-02	-2.80E-03	-3.91E-02	0.00E+00	-1.02E-06	-1.61E-08	-1.60E-06	6.12E-02	-6.50E+01	0.00E+00	0.00E+00	-2.00E+01	-3.64E-04	8.66E+00	0.00E+00	1.28E-07	-1.99E-07	-1.32E-02	-2.40E-07	-9.43E+00	0.00E+00	8.66E+00	-4.00E-04	8.66E+00	-7.70E-01	-9.43E+00	0.00E+00	0.00E+00	0.00E+00	-9.29E+02
HW4E420FB	6.96E-03	-9.24E-01	1.76E-02	-9.42E-01	0.00E+00	0.00E+00	1.37E+00	-4.01E-04	7.95E-03	-5.98E-03	0.00E+00	2.31E-19	-1.12E-08	5.34E-08	1.63E-02	-3.12E+01	0.00E+00	0.00E+00	-3.53E+00	8.87E-19	-3.53E+00	0.00E+00	2.15E-08	-7.60E-08	-3.62E-03	0.00E+00	-4.61E+00	0.00E+00	-3.53E+00	-2.07E-05	-3.53E+00	-8.14E+00	-4.61E+00	0.00E+00	0.00E+00	0.00E+00	-1.71E+02
HW4E420FE	1.21E-02	2.96E+00	3.71E-02	2.93E+00	0.00E+00	0.00E+00	2.25E+00	-4.11E-04	9.29E-03	2.46E-02	0.00E+00	7.20E-19	-1.02E-08	4.58E-08	4.51E-02	-3.73E+01	0.00E+00	0.00E+00	-2.12E+00	2.76E-18	2.48E+00	0.00E+00	9.70E-08	-4.05E-08	2.92E-03	0.00E+00	-5.25E+00	0.00E+00	2.48E+00	-2.05E-05	2.48E+00	-2.77E+00	-5.25E+00	0.00E+00	0.00E+00	0.00E+00	-1.28E+02
HW4E425DB	6.25E-03	-1.38E+00	1.59E-02	-1.40E+00	0.00E+00	0.00E+00	1.21E+00	-4.01E-04	7.83E-03	-8.74E-03	0.00E+00	-6.57E-07	-1.03E-08	5.47E-08	7.11E-03	-4.61E+01	0.00E+00	0.00E+00	-2.64E+00	-2.35E-04	-5.95E+00	0.00E+00	-1.05E-08	-9.01E-08	-4.33E-03	-1.55E-07	-6.72E+00	0.00E+00	-5.95E+00	-2.02E-05	-5.95E+00	-1.27E+01	-6.72E+00	0.00E+00	0.00E+00	0.00E+00	-1.27E+02
HW4E425DE	-1.26E-03	4.32E+00	3.49E-02	4.28E+00	0.00E+00	0.00E+00	-2.20E+01	-1.39E-02	-2.22E-03	-3.24E-02	0.00E+00	-1.02E-06	-1.59E-08	-1.60E-06	8.43E-02	-3.05E+01	0.00E+00	0.00E+00	-1.81E+01	-3.64E-04	1.56E+01	0.00E+00	1.84E-07	-1.56E-07	-1.13E-02	-2.40E-07	-4.18E+00	0.00E+00	1.56E+01	-1.97E-04	1.56E+01	1.14E+01	-4.18E+00	0.00E+00	0.00E+00	0.00E+00	-8.61E+02
HW4E425FB	1.70E-02	1.04E+00	6.46E-02	9.76E-01	0.00E+00	0.00E+00	1.46E+01	2.88E-05	9.65E-03	1.38E-02	0.00E+00	5.98E-19	2.66E-09	1.15E-07	8.37E-02	-2.78E+01	0.00E+00	0.00E+00	1.21E+01	2.10E-18	1.98E+01	0.00E+00	1.53E-07	6.57E-08	4.47E-03	0.00E+00	-2.57E+00	0.00E+00	1.98E+01	5.40E-06	1.98E+01	1.73E+01	-2.57E+00	0.00E+00	0.00E+00	0.00E+00	4.46E+02
HW4E425FE	-1.03E-01	3.88E+00	3.47E-02	3.84E+00	0.00E+00	0.00E+00	-1.66E+01	-1.14E-02	-1.49E-03	-2.26E-02	0.00E+00	1.00E-18	-1.20E-08	-1.30E-06	7.15E-02	-4.45E+01	0.00E+00	0.00E+00	-1.34E+01	3.67E-18	1.23E+01	0.00E+00	1.49E-07	-1.35E-07	-8.51E-03	0.00E+00	-6.09E+00	0.00E+00	1.23E+01	-3.24E-04	1.23E+01	6.20E+00	-6.09E+00	0.00E+00	0.00E+00	0.00E+00	-6.47E+02
HWY001H	-1.48E+00	-7.60E+00	-2.03E-01	-7.40E+00	0.00E+00	0.00E+00	-2.34E+02	-9.48E-02	-4.24E-02	-5.40E-01	0.00E+00	0.00E+00	-1.23E-07	-1.11E-05	-2.08E-01	-8.25E+01	0.00E+00	0.00E+00	-1.85E+02	0.00E+00	-8.28E+01	0.00E+00	-4.32E-07	-1.82E-06	-1.55E-01	0.00E+00	-1.90E+01	0.00E+00	-8.28E+01	-2.74E-03	-8.28E+01	-1.02E+02	-1.90E+01	0.00E+00	0.00E+00	0.00E+00	-7.92E+03
HWY002H	1.16E-01	3.50E+00	2.79E-01	3.22E+00	0.00E+00	0.00E+00	4.89E+01	8.75E-05	8.16E-02	3.78E-02	0.00E+00	1.09E-18	9.15E-09	8.81E-07	2.23E-01	1.94E+01	0.00E+00	0.00E+00	4.48E+01	4.06E-18	5.29E+01	0.00E+00	4.09E-07	2.67E-07	1.57E-02	0.00E+00	7.81E+00	0.00E+00	5.29E+01	2.91E-06	5.29E+01	6.07E+01	7.81E+00	0.00E+00	0.00E+00	0.00E+00	1.68E+03
HWY005H	-5.39E-03	-7.29E-01	-7.89E-03	-7.21E-01	0.00E+00	0.00E+00	-2.23E+00	-2.30E-04	-6.29E-04	-7.49E-03	0.00E+00	0.00E+00	-6.38E-09	-2.25E-08	-3.03E-02	-1.08E+00	0.00E+00	0.00E+00	-4.51E+00	0.00E+00	-7.27E+00	0.00E+00	-3.20E-08	-5.90E-08	-3.52E-03	0.00E+00	-4.99E-01	0.00E+00	-7.27E+00	-1.24E-05	-7.27E+00	-7.76E+00	-4.99E-01	0.00E+00	0.00E+00	0.00E+00	-1.88E+02
HWY006H	-7.19E-03	-9.72E-01	-1.05E-02	-9.61E-01	0.00E+00	0.00E+00	-2.98E+00	-3.06E-04	-8.39E-04	-9.98E-03	0.00E+00	0.00E+00	-8.51E-09	-3.00E-08	-1.37E-02	-1.44E+00	0.00E+00	0.00E+00	-6.01E+00	0.00E+00	-9.69E+00	0.00E+00	-4.26E-08	-7.87E-08	-4.66E-03	0.00E+00	-6.61E-01	0.00E+00	-9.69E+00	-1.66E-05	-9.69E+00	-1.03E+01	-6.61E-01	0.00E+00	0.00E+00	0.00E+00	-2.51E+02
HWY040H	1.09E-01	2.76E+00	2.48E-01	2.51E+00	0.00E+00	0.00E+00	4.07E+01	-2.49E-07	7.90E-02	3.05E-02	0.00E+00	8.19E-19	5.85E-09	8.37E-07	1.81E-01	1.75E+01	0.00E+00	0.00E+00	3.81E+01	3.15E-18	4.25E+01	0.00E+00	3.38E-07	2.19E-07	1.31E-02	0.00E+00	6.76E+00	0.00E+00	4.25E+01	-2.67E-06	4.25E+01	4.92E+01	6.76E+00	0.00E+00	0.00E+00	0.00E+00	1.43E+03
HWY041H	-1.61E+00	-1.16E+01	-3.25E-01	-1.12E+01	0.00E+00	0.00E+00	-3.92E+02	-1.60E-01	-7.07E-02	-9.03E-01	0.00E+00	8.09E-20	-1.98E-07	-1.87E-05	-3.21E-01	-1.38E+02	0.00E+00	0.00E+00	-3.05E+02	2.72E-19	-1.28E+02	0.00E+00	-6.64E-07	-2.98E-06	-2.57E-01	0.00E+00	-3.12E+01	0.00E+00	-1.26E+02	-4.63E-03	-1.26E+02	-1.57E+02	-3.12E+01	0.00E+00	0.00E+00	0.00E+00	-1.31E+04
HWY044H	-1.00E+00	-7.25E+00	-2.05E-01	-7.04E+00	0.00E+00	0.00E+00	-2.45E+02	-1.00E-01	-4.42E-02	-5.64E-01	0.00E+00	3.32E-20	-1.24E-07	-1.17E-05	-2.03E-01	-8.60E+01	0.00E+00	0.00E+00	-1.91E+02	1.12E-19	-7.93E+01	0.00E+00	-4.18E-07	-1.86E-06	-1.60E-01	0.00E+00	-1.95E+01	0.00E+00	-7.93E+01	-2.89E-03	-7.93E+01	-9.88E+01	-1.95E+01	0.00E+00	0.00E+00	0.00E+00	-8.18E+03
HWY045H	1.23E-01	3.40E+00	2.83E-01	3.12E+00	0.00E+00	0.00E+00	4.72E+01	8.32E-05	8.80E-02	3.72E-02	0.00E+00	9.54E-19	8.94E-09	9.40E-07	2.11E-01	2.00E+01	0.00E+00	0.00E+00	4.47E+01	3.65E-18	5.10E+01	0.00E+00	3.98E-07	2.69E-07	1.60E-02	0.00E+00	7.81E+00	0.00E+00	5.10E+01	1.71E-06	5.10E+01	5.88E+01	7.81E+00	0.00E+00	0.00E+00	0.00E+00	1.69E+03
HWY046H	6.46E-02	1.64E+00	1.47E-01	1.49E+00	0.00E+00	0.00E+00	2.41E+01	2.83E-06	4.66E-02	1.81E-02	0.00E+00	4.83E-19	3.53E-09	4.94E-07	1.07E-01	1.04E+01	0.00E+00	0.00E+00	2.25E+01	1.86E-18	2.52E+01	0.00E+00	2.00E-07	1.30E-07	7.77E-03	0.00E+00	4.00E+00	0.00E+00	2.52E+01	-1.42E-06	2.52E+01	2.92E+01	4.00E+00	0.00E+00	0.00E+00	0.00E+00	8.49E+02
HWY047H	8.62E-02	2.18E+00	1.96E-01	1.99E+00	0.00E+00	0.00E+00	3.21E+01	3.78E-06	6.21E-02	2.41E-02	0.00E+00	6.45E-19	4.71E-09	6.59E-07	1.43E-01	1.38E+01	0.00E+00	0.00E+00	3.00E+01	2.48E-18	3.36E+01	0.00E+00	2.67E-07	1.74E-07	1.04E-02	0.00E+00	5.33E+00	0.00E+00	3.36E+01	-1.89E-06	3.36E+01	3.89E+01	5.33E+00	0.00E+00	0.00E+00	0.00E+00	1.13E+03
HWY048H	5.35E-02	1.50E+00	1.24E-01	1.37E+00	0.00E+00	0.00E+00	2.08E+01	3.67E-05	3.81E-02	1.63E-02	0.00E+00	4.27E-19	3.93E-09	4.08E-07	9.31E-02	8.74E+00	0.00E+00	0.00E+00	1.96E+01	1.63E-18	2.25E+01	0.00E+00	1.75E-07	1.18E-07	6.99E-03	0.00E+00	3.42E+00	0.00E+00	2.25E+01	8.33E-07	2.25E+01	2.56E+01	3.42E+00	0.00E+00	0.00E+00	0.00E+00	7.39E+02
HWY049H	-7.74E-01	-5.79E+00	-1.61E-01	-5.63E+00	0.00E+00	0.00E+00	-1.90E+02	-7.72E-02	-3.42E-02	-4.36E-01	0.00E+00	0.00E+00	-9.67E-08	-9.01E-06	-1.62E-01	-6.66E+01	0.00E+00	0.00E+00	-1.48E+02	0.00E+00	-6.35E+01	0.00E+00	-3.35E-07	-1.45E-06	-1.24E-01	0.00E+00	-1.52E+01	0.00E+00	-6.35E+01	-2.23E-03	-6.35E+01	-7.87E+01	-1.52E+01	0.00E+00	0.00E+00	0.00E+00	-6.35E+03
HWY068H	-1.54E+00	-1.10E+01	-3.08E-01	-1.07E+01	0.00E+00	0.00E+00	-3.74E+02	-1.54E-01	-6.77E-02	-8.64E-01	0.00E+00	1.11E-19	-1.89E-07	-1.79E-05	-3.03E-01	-1.32E+02	0.00E+00	0.00E+00	-2.92E+02	3.75E-19	-1.20E+02	0.00E+00	-6.29E-07	-2.85E-06	-2.46E-01	0.00E+00	-2.98E+01	0.00E+00	-1.20E+02	-4.43E-03	-1.20E+02	-1.50E+02	-2.98E+01	0.00E+00	0.00E+00	0.00E+00	-1.25E+04
HWY069H	1.85E-01	4.52E+00	4.21E-01	4.10E+00	0.00E+00	0.00E+00	6.89E+01	-5.51E-05	1.34E-01	5.01E-02	0.00E+00	1.39E-18	8.44E-09	1.42E-06	3.08E-01	2.96E+01	0.00E+00	0.00E+00	6.38E+01	5.36E-18	7.06E+01	0.00E+00	5.69E-07	3.60E-07	2.15E-02	0.00E+00	1.14E+01	0.00E+00	7.06E+01	-7.51E-06	7.06E+01	8.20E+01	1.14E+01	0.00E+00	0.00E+00	0.00E+00	2.40E+03
HWY160H	-1.53E+00	-1.09E+01	-3.07E-01	-1.06E+01	0.00E+00	0.00E+00	-3.71E+02	-1.52E-01	-6.71E-02	-8.57E-01	0.00E+00	9.81E-20	-1.88E-07	-1.78E-05	-3.02E-01	-1.31E+02	0.00E+00	0.00E+00	-2.89E+02	3.32E-19	-1.19E+02	0.00E+00	-6.26E-07	-2.83E-06	-2.44E-01	0.00E+00	-2.95E+01	0.00E+00	-1.19E+02	-4.39E-03	-1.19E+02	-1.49E+02	-2.95E+01	0.00E+00	0.00E+00	0.00E+00	-1.24E+04
HWY161H	1.84E-01	4.55E+00	4.18E-01	4.13E+00	0.00E+00	0.00E+00	6.85E+01	-3.52E-05	1.33E-01	5.03E-02	0.00E+00