Product Environmental Profile

Mounting set 1-gang Cat.6 FTP 90° direct clip 45x45 trafficwhite

Company information

Hager
132 Boulevard d'Europe
F 67215 Obernai Cedex
www.hagergroup.com

A question concerning the Product Environmental Profile: info@hager.com

References covered

For the complete list of the covered references, see details in Appendix 1.

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

B46040

Use scenario based on :
PSR product Category : PSR-0005-ed3.1-2023 12 08
3.11. Copper Telecom accessories

Functional unit

To protect, link, splice or connect a connection point during 10 years with a 25% use rate for a commercial application while protecting the user from direct contact with live parts

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	%
PC	13.73	23.1%	Nickel	2.72	4.6%	Cardboard	31.07	52.4%
PA6	2.59	4.4%	Stainless steel	1.35	2.3%	Wood	1.41	2.4%
PC	2.50	4.2%	Tin	0.97	1.6%	Paper	0.47	0.8%
ABS	1.70	2.9%	Silicon	0.02	<0.1%	Other	0.03	<0.1%
Epoxy resin	0.46	0.8%						
Other	0.32	0.5%						
Total mass of reference product with raw material packaging :			**59.34 g**					

Total mass of reference product (Product + packaging)	**56.51 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 packaging waste treatment is taken 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
0.0023	25.0%	0	75.0%

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%	0	0.0%	0	100.0%

This corresponds to a total energy consumption of 0.05 kWh for the use span of 10 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: 48%. 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 6.3.1-3 with the database version CODDE-2025-04 .
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.	4.34E-03	1.48E-05	1.05E-04	1.06E-04	1.19E-04	4.69E-03	-2.50E-05
Climate change - Total (PEF-GWP)	kg CO2 eq.	1.60E-01	9.40E-03	8.29E-02	2.02E-02	5.37E-02	3.26E-01	-2.90E-02
Climate change-Biogenic (PEF-GWPb)	kg CO2 eq.	-4.14E-02	3.85E-08	4.97E-02	4.46E-04	3.54E-04	9.16E-03	-7.12E-05
Climate change-Fossil (PEF-GWPf)	kg CO2 eq.	2.01E-01	9.40E-03	3.31E-02	1.98E-02	5.33E-02	3.17E-01	-2.89E-02
Climate change-Land use and land use change (PEF-GWPlu)	kg CO2 eq.	5.20E-06	1.42E-08	2.46E-10	0.00E+00	1.87E-10	5.22E-06	0.00E+00
Ecotoxicity, freshwater (PEF-CTUe)	CTUe	6.68E+01	2.74E-01	4.67E-01	3.03E-02	1.01E+00	6.86E+01	-1.30E-02
EF-particulate Matter (PEF-PM)	Incidence of diseases	2.75E-08	1.27E-10	6.15E-10	8.28E-10	1.23E-09	3.03E-08	-1.07E-09
Eutrophication, freshwater (PEF-Epf)	kg P eq.	1.73E-06	3.51E-08	4.58E-07	4.84E-08	5.12E-07	2.78E-06	-1.09E-07
Eutrophication, marine (PEF-Epm)	kg N eq.	2.08E-04	2.69E-06	4.29E-05	1.24E-05	2.43E-05	2.90E-04	-6.29E-06
Eutrophication, terrestrial (PEF-Ept)	mole of N eq.	2.38E-03	2.95E-05	3.15E-04	1.99E-04	2.59E-04	3.18E-03	-7.92E-05
Human toxicity, cancer (PEF-CTUh-c)	CTUh	3.15E-08	1.84E-12	3.66E-09	2.50E-12	9.06E-09	4.42E-08	-6.95E-12
Human toxicity, non-cancer (PEF-CTUh-nc)	CTUh	1.66E-08	3.51E-11	1.01E-10	5.92E-11	1.27E-09	1.81E-08	-6.48E-11
Ionising radiation, human health (PEF-IR)	kg Bq U235 eq.	5.01E-01	3.32E-04	4.76E-03	2.64E-02	9.91E-04	5.33E-01	-1.78E-04
Land use (PEF-LU)	No dimension	1.52E-02	4.02E-05	1.10E-04	5.36E-04	3.57E-02	5.16E-02	-1.95E+00
Ozone depletion (PEF-ODP)	kg CFC-11 eq.	4.50E-09	1.14E-10	4.86E-10	8.66E-11	2.50E-09	7.68E-09	-4.04E-10
Photochemical ozone formation - human health (PEF-POCP)	kg of NMVOC eq.	8.21E-04	9.55E-06	7.18E-05	3.92E-05	7.71E-05	1.02E-03	-2.03E-05
Resource use, fossils (PEF-ADPf)	MJ	3.37E+00	1.67E-01	3.42E-01	4.85E-01	3.19E-01	4.68E+00	-5.22E-02
Resource use, minerals and metals (PEF-ADPe)	kg Sb eq	1.69E-05	3.35E-09	1.74E-09	6.55E-09	1.59E-07	1.71E-05	-3.98E-10
Water use (PEF-WU)	m3 eq.	2.51E-01	3.38E-04	2.89E-03	1.53E-03	3.15E+00	3.41E+00	-5.63E-01

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	5.85E-03	7.88E-06	2.22E-04	3.58E-05	8.64E-02	9.25E-02	-1.61E-02
Total primary energy	MJ	4.04E+00	1.67E-01	3.88E-01	5.98E-01	3.35E-01	5.53E+00	-3.38E-01
Total non renewable primary energy	MJ	3.37E+00	1.67E-01	3.42E-01	4.85E-01	3.19E-01	4.68E+00	-5.22E-02
Total renewable primary energy	MJ	6.66E-01	5.26E-04	4.60E-02	1.13E-01	1.59E-02	8.42E-01	-2.86E-01
Non renewable primary energy used as energy	MJ	3.17E+00	1.67E-01	3.42E-01	4.85E-01	3.19E-01	4.48E+00	-5.22E-02
Non renewable primary energy used as raw material	MJ	2.01E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-01	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	7.72E-02	5.26E-04	4.60E-02	1.13E-01	1.59E-02	2.53E-01	-2.86E-01
Renewable primary energy used as raw material	MJ	5.89E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.89E-01	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	1.51E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-02	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	2.68E-01	3.93E-05	1.86E-03	5.58E-04	1.15E-02	2.82E-01	0.00E+00
Non hazardous waste disposed	kg	2.48E-01	8.72E-04	9.58E-03	3.05E-03	2.25E-05	2.62E-01	0.00E+00
Radioactive waste disposed	kg	2.02E-05	6.91E-07	2.18E-06	7.18E-07	1.54E-08	2.39E-05	0.00E+00

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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Materials for energy recovery	kg	6.45E-04	0.00E+00	2.75E-03	0.00E+00	0.00E+00	3.39E-03	0.00E+00
Materials for recycling	kg	1.48E-03	0.00E+00	2.50E-02	0.00E+00	0.00E+00	2.65E-02	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	3.11E-02	4.74E-04	1.41E-03	3.30E-02
Biogenic carbon content (declared unit)	kg of C	8.70E-03	1.79E-04	5.58E-04	9.44E-03
Biogenic carbon content (functional unit)	kg of C	8.70E-03	1.79E-04	5.58E-04	9.44E-03
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

Additional references (see Appendix) covered by PEP, the environmental impacts for each phase and indicator are derived from life-cycle analysis (LCA). The impact values are either directly calculated by LCA or by extrapolation following PEP Ecopassport rules. However, some of the detailed conditions applied in those cases may differ from the main reference.

Verification

Registration N°: HAGE-01406-V01.01-EN	Drafting Rules	PEP-PCR-ed4-2021 09 06
	Supplemented by	PSR-0005-ed3.1-2023 12 08
Verifier accreditation N°: VH63	Information and reference documents: www.pep-ecopassport.org	
Date of issue: 10-2025	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

		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]	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.]
Manufacturing A1-A3	B46040	4.34E-03	1.60E-01	-4.14E-02	2.01E-01	5.20E-06	0.00E+00	6.68E+01	1.73E-06	2.08E-04	2.38E-03	0.00E+00	2.68E-01	3.15E-08	1.66E-08	5.01E-01	1.52E-02	6.45E-04	1.48E-03	5.85E-03	2.48E-01	3.17E+00	2.01E-01	4.50E-09	2.75E-08	8.21E-04	2.02E-05	7.72E-02	5.89E-01	3.37E+00	1.69E-05	3.37E+00	4.04E+00	6.66E-01	0.00E+00	0.00E+00	1.51E-02	2.51E-01
	B46042	4.38E-03	1.67E-01	-4.12E-02	2.08E-01	5.20E-06	0.00E+00	6.69E+01	1.75E-06	2.11E-04	2.41E-03	0.00E+00	2.70E-01	3.15E-08	1.66E-08	5.15E-01	1.52E-02	6.43E-04	1.48E-03	5.90E-03	2.48E-01	3.47E+00	2.02E-01	6.40E-09	2.78E-08	8.78E-04	2.17E-05	7.70E-02	5.88E-01	3.67E+00	1.69E-05	3.67E+00	4.34E+00	6.65E-01	0.00E+00	0.00E+00	1.51E-02	2.53E-01
	B46043	4.38E-03	1.67E-01	-4.12E-02	2.08E-01	5.20E-06	0.00E+00	6.69E+01	1.75E-06	2.11E-04	2.41E-03	0.00E+00	2.70E-01	3.15E-08	1.66E-08	5.15E-01	1.52E-02	6.43E-04	1.48E-03	5.90E-03	2.48E-01	3.47E+00	2.02E-01	6.40E-09	2.78E-08	8.78E-04	2.17E-05	7.70E-02	5.88E-01	3.67E+00	1.69E-05	3.67E+00	4.34E+00	6.65E-01	0.00E+00	0.00E+00	1.51E-02	2.53E-01
	B46045	8.32E-03	3.12E-01	-3.99E-02	3.52E-01	1.31E-05	0.00E+00	1.33E+02	2.71E-06	3.75E-04	4.06E-03	0.00E+00	5.32E-01	4.81E-07	5.17E-08	5.19E-01	3.72E-02	7.41E-04	1.70E-03	1.15E-02	4.66E-01	7.42E+00	6.84E-01	7.19E-09	5.62E-08	1.63E-03	3.15E-05	9.25E-02	5.93E-01	8.11E+00	3.38E-05	8.11E+00	8.79E+00	6.86E-01	0.00E+00	0.00E+00	0.00E+00	4.92E-01
	B46047	8.38E-03	3.24E-01	-3.94E-02	3.63E-01	1.31E-05	0.00E+00	1.33E+02	2.74E-06	3.82E-04	4.13E-03	0.00E+00	5.34E-01	4.81E-07	5.18E-08	5.31E-01	3.72E-02	7.64E-04	1.75E-03	1.15E-02	4.66E-01	7.81E+00	7.75E-01	8.99E-09	5.67E-08	1.69E-03	3.28E-05	9.25E-02	5.95E-01	8.58E+00	3.38E-05	8.58E+00	9.27E+00	6.87E-01	0.00E+00	0.00E+00	0.00E+00	4.95E-01
	B46048	8.38E-03	3.24E-01	-3.94E-02	3.63E-01	1.31E-05	0.00E+00	1.33E+02	2.74E-06	3.82E-04	4.13E-03	0.00E+00	5.34E-01	4.81E-07	5.18E-08	5.31E-01	3.72E-02	7.64E-04	1.75E-03	1.15E-02	4.66E-01	7.81E+00	7.75E-01	8.99E-09	5.67E-08	1.69E-03	3.28E-05	9.25E-02	5.95E-01	8.58E+00	3.38E-05	8.58E+00	9.27E+00	6.87E-01	0.00E+00	0.00E+00	0.00E+00	4.95E-01
	B46050	1.29E-03	1.99E-01	-4.10E-02	2.40E-01	2.90E-06	0.00E+00	2.52E+00	2.18E-06	2.02E-04	2.19E-03	0.00E+00	5.72E-02	5.52E-09	2.59E-09	5.03E-01	9.43E-03	7.56E-04	1.74E-03	1.01E-03	5.68E-02	5.54E+00	2.72E-01	6.43E-09	7.47E-09	6.17E-04	2.47E-05	1.74E-01	5.94E-01	5.81E+00	5.98E-06	5.81E+00	6.58E+00	7.69E-01	0.00E+00	0.00E+00	2.23E-02	4.29E-02
	B46052	1.33E-03	2.06E-01	-4.09E-02	2.47E-01	2.91E-06	0.00E+00	2.66E+00	2.21E-06	2.05E-04	2.22E-03	0.00E+00	5.90E-02	5.52E-09	2.62E-09	5.17E-01	9.42E-03	7.56E-04	1.74E-03	1.07E-03	5.66E-02	5.84E+00	2.73E-01	8.36E-09	7.76E-09	6.75E-04	2.62E-05	1.74E-01	5.94E-01	6.11E+00	5.99E-06	6.11E+00	6.88E+00	7.68E-01	0.00E+00	0.00E+00	2.23E-02	4.54E-02
	B46053	1.34E-03	2.08E-01	-4.09E-02	2.49E-01	2.91E-06	0.00E+00	2.67E+00	2.21E-06	2.07E-04	2.24E-03	0.00E+00	5.91E-02	5.52E-09	2.63E-09	5.17E-01	9.43E-03	7.56E-04	1.74E-03	1.07E-03	5.70E-02	5.87E+00	2.73E-01	8.37E-09	7.84E-09	6.80E-04	2.62E-05	1.77E-01	5.94E-01	6.14E+00	5.99E-06	6.14E+00	6.91E+00	7.71E-01	0.00E+00	0.00E+00	2.23E-02	4.55E-02
	B46055	2.24E-03	3.94E-01	-3.92E-02	4.34E-01	8.50E-06	0.00E+00	4.37E+00	3.63E-06	3.67E-04	3.73E-03	0.00E+00	1.11E-01	4.29E-07	2.37E-08	5.23E-01	2.56E-02	9.92E-04	2.28E-03	1.84E-03	8.39E-02	1.23E+01	9.16E-01	1.12E-08	1.64E-08	1.24E-03	4.05E-05	2.87E-01	6.12E-01	1.32E+01	1.20E-05	1.32E+01	1.41E+01	8.99E-01	0.00E+00	0.00E+00	1.45E-02	7.79E-02
	B46057	2.28E-03	4.01E-01	-3.92E-02	4.40E-01	8.50E-06	0.00E+00	4.50E+00	3.65E-06	3.70E-04	3.76E-03	0.00E+00	1.13E-01	4.29E-07	2.37E-08	5.36E-01	2.55E-02	9.92E-04	2.28E-03	1.89E-03	8.38E-02	1.26E+01	9.17E-01	1.30E-08	1.66E-08	1.29E-03	4.18E-05	2.87E-01	6.12E-01	1.35E+01	1.20E-05	1.35E+01	1.44E+01	8.98E-01	0.00E+00	0.00E+00	1.45E-02	8.03E-02
	B46058	2.28E-03	4.01E-01	-3.92E-02	4.40E-01	8.50E-06	0.00E+00	4.50E+00	3.65E-06	3.70E-04	3.76E-03	0.00E+00	1.13E-01	4.29E-07	2.37E-08	5.36E-01	2.55E-02	9.92E-04	2.28E-03	1.89E-03	8.38E-02	1.26E+01	9.17E-01	1.30E-08	1.66E-08	1.29E-03	4.18E-05	2.87E-01	6.12E-01	1.35E+01	1.20E-05	1.35E+01	1.44E+01	8.98E-01	0.00E+00	0.00E+00	1.45E-02	8.03E-02
	B46070	4.43E-03	2.17E-01	-3.85E-02	2.56E-01	2.77E-05	0.00E+00	6.74E+01	2.01E-06	2.33E-04	2.64E-03	0.00E+00	2.68E-01	3.15E-08	1.71E-08	5.14E-01	7.78E-02	6.58E-04	1.51E-03	6.09E-03	2.93E-01	4.05E+00	7.18E-01	5.61E-09	2.81E-08	9.15E-04	4.44E-05	1.34E-01	5.87E-01	4.77E+00	1.69E-05	4.77E+00	5.49E+00	7.21E-01	0.00E+00	0.00E+00	0.00E+00	2.61E-01
	B46072	4.46E-03	2.24E-01	-3.85E-02	2.62E-01	2.77E-05	0.00E+00	6.76E+01	2.04E-06	2.36E-04	2.66E-03	0.00E+00	2.70E-01	3.15E-08	1.72E-08	5.30E-01	7.78E-02	6.58E-04	1.51E-03	6.14E-03	2.92E-01	4.35E+00	7.19E-01	7.54E-09	2.84E-08	9.71E-04	4.58E-05	1.34E-01	5.87E-01	5.07E+00	1.69E-05	5.07E+00	5.79E+00	7.21E-01	0.00E+00	0.00E+00	0.00E+00	2.63E-01
	B46073	4.46E-03	2.24E-01	-3.85E-02	2.62E-01	2.77E-05	0.00E+00	6.76E+01	2.04E-06	2.36E-04	2.66E-03	0.00E+00	2.70E-01	3.15E-08	1.72E-08	5.30E-01	7.78E-02	6.58E-04	1.51E-03	6.14E-03	2.92E-01	4.35E+00	7.19E-01	7.54E-09	2.84E-08	9.71E-04	4.58E-05	1.34E-01	5.87E-01	5.07E+00	1.69E-05	5.07E+00	5.79E+00	7.21E-01	0.00E+00	0.00E+00	0.00E+00	2.63E-01
	B46075	1.38E-03	2.56E-01	-3.86E-02	2.94E-01	2.54E-05	0.00E+00	3.17E+00	2.47E-06	2.27E-04	2.46E-03	0.00E+00	5.73E-02	5.54E-09	3.11E-09	5.17E-01	7.20E-02	7.73E-04	1.78E-03	1.26E-03	1.01E-01	6.42E+00	7.89E-01	7.63E-09	8.13E-09	7.13E-04	4.89E-05	2.31E-01	5.97E-01	7.21E+00	5.99E-06	7.21E+00	8.04E+00	8.29E-01	0.00E+00	0.00E+00	7.23E-03	5.36E-02
	B46077	1.42E-03	2.62E-01	-3.86E-02	3.01E-01	2.54E-05	0.00E+00	3.31E+00	2.50E-06	2.30E-04	2.48E-03	0.00E+00	5.92E-02	5.54E-09	3.14E-09	5.32E-01	7.20E-02	7.73E-04	1.78E-03	1.32E-03	1.01E-01	6.73E+00	7.90E-01	9.56E-09	8.40E-09	7.69E-04	5.03E-05	2.31E-01	5.97E-01	7.51E+00	5.99E-06	7.51E+00	8.34E+00	8.28E-01	0.00E+00	0.00E+00	7.23E-03	5.61E-02
	B46078	1.42E-03	2.62E-01	-3.86E-02	3.01E-01	2.54E-05	0.00E+00	3.31E+00	2.50E-06	2.30E-04	2.48E-03	0.00E+00	5.92E-02	5.54E-09	3.14E-09	5.32E-01	7.20E-02	7.73E-04	1.78E-03	1.32E-03	1.01E-01	6.73E+00	7.90E-01	9.56E-09	8.40E-09	7.69E-04	5.03E-05	2.31E-01	5.97E-01	7.51E+00	5.99E-06	7.51E+00	8.34E+00	8.28E-01	0.00E+00	0.00E+00	7.23E-03	5.61E-02
	B46080	3.48E-04	3.88E-02	-1.45E-02	5.33E-02	2.23E-09	0.00E+00	4.36E-01	2.97E-07	5.32E-05	5.62E-04	1.75E-04	1.85E-03	1.91E-09	2.43E-10	5.66E-02	3.53E-04	2.36E-04	5.44E-04	1.47E-04	1.57E-02	8.18E-01	5.43E-03	6.94E-10	2.02E-09	1.56E-04	4.39E-06	3.48E-02	2.06E-01	8.24E-01	4.32E-09	8.24E-01	1.06E+00	2.41E-01	0.00E+00	0.00E+00	1.13E-02	6.21E-03
	B46082	3.06E-04	3.60E-02	-1.45E-02	5.04E-02	3.27E-09	0.00E+00	5.54E-01	3.58E-07	4.82E-05	4.96E-04	1.75E-04	3.26E-03	1.91E-09	2.20E-10	8.73E-02	3.30E-04	2.36E-04	5.44E-04	1.94E-04	1.40E-02	1.07E+00	6.40E-03	2.38E-09	2.01E-09	1.81E-04	5.67E-06	3.40E-02	2.06E-01	1.08E+00	6.44E-09	1.08E+00	1.32E+00	2.40E-01	0.00E+00	0.00E+00	1.13E-02	8.24E-03
	B46083	3.06E-04	3.60E-02	-1.45E-02	5.04E-02	3.27E-09	0.00E+00	5.54E-01	3.58E-07	4.82E-05	4.96E-04	1.75E-04	3.26E-03	1.91E-09	2.20E-10	8.73E-02	3.30E-04	2.36E-04	5.44E-04	1.94E-04	1.40E-02	1.07E+00	6.40E-03	2.38E-09	2.01E-09	1.81E-04	5.67E-06	3.40E-02	2.06E-01	1.08E+00	6.44E-09	1.08E+00	1.32E+00	2.40E-01	0.00E+00	0.00E+00	1.13E-02	8.24E-03
	B46087	1.14E-03	2.26E-01	-7.22E-03	2.33E-01	1.27E-05	0.00E+00	1.63E+01	2.71E-06	1.65E-04	1.88E-03	2.25E-04	7.25E-03	1.48E-09	2.86E-09	9.54E-02	3.61E-02	3.05E-04	7.01E-04	6.47E-04	6.27E-02	3.72E+00	6.89E-01	9.94E-09	6.61E-09	5.91E-04	3.26E-05	2.32E-01	1.51E-01	4.40E+00	1.98E-06	4.40E+00	4.79E+00	3.83E-01	0.00E+00	0.00E+00	0.00E+00	2.76E-02
	B46088	1.08E-03	2.18E-01	-7.24E-03	2.25E-01	1.27E-05	0.00E+00	1.63E+01	2.71E-06	1.60E-04	1.80E-03	2.25E-04	7.03E-03	1.48E-09	2.82E-09	9.53E-02	3.60E-02	3.05E-04	7.01E-04	6.40E-04	6.14E-02	3.60E+00	6.89E-01	9.90E-09	6.31E-09	5.72E-04	3.25E-05	2.21E-01	1.51E-01	4.29E+00	1.98E-06	4.29E+00	4.66E+00	3.72E-01	0.00E+00	0.00E+00	0.00E+00	2.73E-02
	B46089	1.14E-03	2.26E-01	-7.22E-03	2.33E-01	1.27E-05	0.00E+00	1.63E+01	2.71E-06	1.65E-04	1.88E-03	2.25E-04	7.25E-03	1.48E-09	2.86E-09	9.54E-02	3.61E-02	3.05E-04	7.01E-04	6.47E-04	6.27E-02	3.72E+00	6.89E-01	9.94E-09	6.61E-09	5.91E-04	3.26E-05	2.32E-01	1.51E-01	4.40E+00	1.98E-06	4.40E+00	4.79E+00	3.83E-01	0.00E+00	0.00E+00	0.00E+00	2.76E-02
	B46090	2.54E-04	2.75E-02	-1.09E-02	3.84E-02	1.13E-09	0.00E+00	3.12E-01	2.04E-07	3.87E-05	4.07E-04	1.12E-04	1.30E-03	1.42E-09	1.76E-10	5.29E-02	2.32E-04	1.51E-04	3.48E-04	1.03E-04	1.14E-02	5.79E-01	3.65E-03	5.04E-10	1.45E-09	1.12E-04	3.20E-06	2.02E-02	1.52E-01	5.83E-01	2.76E-09	5.83E-01	7.56E-01	1.73E-01	0.00E+00	0.00E+00	5.94E-03	4.34E-03
	B46092	2.37E-04	2.68E-02	-1.09E-02	3.77E-02	1.68E-09	0.00E+00	3.84E-01	2.36E-07	3.66E-05	3.78E-04	1.12E-04	2.18E-03	1.42E-09	1.68E-10	6.91E-02	2.20E-04	1.51E-04	3.48E-04	1.32E-04	1.05E-02	7.34E-01	4.23E-03	1.52E-09	1.48E-09	1.30E-04	3.97E-06	1.98E-02	1.52E-01	7.38E-01	3.90E-09	7.38E-01	9.11E-01	1.72E-01	0.00E+00	0.00E+00	5.94E-03	5.59E-03
	B46093	2.37E-04	2.68E-02	-1.09E-02	3.77E-02	1.68E-09	0.00E+00	3.84E-01	2.36E-07	3.66E-05	3.78E-04	1.12E-04	2.18E-03	1.42E-09	1.68E-10	6.91E-02	2.20E-04	1.51E-04	3.48E-04	1.32E-04	1.05E-02	7.34E-01	4.23E-03	1.52E-09	1.48E-09	1.30E-04	3.97E-06	1.98E-02	1.52E-01	7.38E-01	3.90E-09	7.38E-01	9.11E-01	1.72E-01	0.00E+00	0.00E+00	5.94E-03	5.59E-03
	B46097	5.56E-04	8.56E-02	-7.93E-03	9.36E-02	1.99E-09	0.00E+00	7.67E-01	1.55E-07	1.21E-04	9.06E-04	1.28E-04	2.11E-03	5.53E-07	2.48E-08	4.92E-02	2.16E-04	1.73E-04	3.98E-04	2.69E-04	7.97E-03	3.86E+00	3.14E-01	3.40E-10	7.76E-09	4.68E-04	2.63E-06	1.42E-02	1.17E-01	4.18E+00	3.67E-09	4.18E+00	4.31E+00	1.31E-01	0.00E+00	0.00E+00	0.00E+00	1.14E-02
	B46100	4.55E-05	7.23E-03	1.84E-04	7.04E-03	2.29E-10	0.00E+00	2.47E-02	3.34E-08	5.65E-06	8.01E-05	0.00E+00	3.53E-04	3.13E-11	3.11E-11	4.48E-03	1.57E-04	5.50E-05	1.07E-04	2.60E-05	1.30E-03	1.38E-01	1.18E-03	5.75E-11	3.00E-10	2.12E-05	2.24E-07	3.61E-02	4.18E-03	1.39E-01	2.27E-09	1.39E-01	1.79E-01	4.03E-02	0.00E+00	0.00E+00	5.50E-03	1.09E-03
	B46102	8.86E-05	1.38E-02	1.84E-04	1.36E-02	2.29E-10	0.00E+00	9.84E-02	3.60E-08	9.75E-06	1.25E-04	0.00E+00	1.38E-03	3.27E-11	6.19E-11	5.21E-03	1.57E-04	5.50E-05	1.07E-04	5.72E-05	1.76E-03	2.94E-01	1.71E-03	1.03E-09	5.33E-10	5.80E-05	9.49E-07	3.62E-02	4.18E-03	2.95E-01	2.46E-09	2.95E-01	3.36E-01	4.04E-02	0.00E+00	0.00E+00	5.50E-03	2.43E-03
	B46103	8.86E-05	1.38E-02	1.84E-04	1.36E-02	2.29E-10	0.00E+00	9.84E-02	3.60E-08	9.75E-06	1.25E-04	0.00E+00	1.38E-03	3.27E-11	6.19E-11	5.21E-03	1.57E-04	5.50E-05	1.07E-04	5.72E-05	1.76E-03	2.94E-01	1.71E-03	1.03E-09	5.33E-10	5.80E-05	9.49E-07	3.62E-02	4.18E-03	2.95E-01	2.46E-09	2.95E-01	3.36E-01	4.04E-02	0.00E+00	0.00E+00	5.50E-03	2.43E-03
	B46105	2.49E-03	1.83E-01	3.73E-03	1.79E-01	9.51E-09	0.00E+00	1.21E+00	1.30E-06	1.56E-04	1.90E-03	0.00E+00	7.08E+00	2.54E-08	5.04E-08	2.83E+00	1.44E-02	4.04E-04	9.51E-04	4.61E-03	4.36E-02	3.35E+00	4.43E-01	2.09E-08	1.54E-08	6.50E-04	1.21E-05	4.41E-01	3.09E-02	3.79E+00	3.53E-04	3.79E+00	4.27E+00	4.72E-01	0.00E+00	0.00E+00	5.68E-03	1.98E-01
	B46106	3.60E-03	3.07E-01	4.22E-03	3.03E-01	1.90E-08	0.00E+00	1.57E+00	9.85E-07	2.57E-04	3.13E-03	0.00E+00	3.45E+00	1.87E-08	4.68E-08	2.22E+00	1.21E-02	7.94E-04	1.56E-03	5.07E-03	1.07E-01	4.31E+00	9.49E-01	3.48E-08	2.16E-08	1.12E-03	1.76E-05	5.71E-01	6.08E-02	5.26E+00	6.30E-04	5.26E+00	5.89E+00	6.32E-01	0.00E+00	0.00E+00	5.61E-03	2.17E-01
	B46107	3.13E-03	2.24E-01	3.60E-03	2.21E-01	1.09E-08	0.00E+00	1.52E+00	1.42E-06	1.99E-04	2.39E-03	0.00E+00	1.07E+01	3.28E-08	7.19E-08	3.73E+00	1.23E-02	4.65E-04	1.09E-03	5.63E-03	5.62E-02	3.98E+00	4.50E-01	2.45E-08	1.91E-08	8.24E-04	1.28E-05	4.89E-01	3.56E-02	4.43E+00	5.48E-04	4.43E+00	4.95E+00	5.25E-01	0.00E+00	0.00E+00	5.58E-03	2.41E-01
	B46110	2.55E-03	1.63E-01	2.49E-03	1.60E-01	9.40E-09	0.00E+00	1.27E+00	1.23E-06	1.50E-04	1.70E-03	0.00E+00	9.51E+00	2.95E-08	6.39E-08	3.36E+00	1.08E-02	3.68E-04	7.23E-04	4.95E-03	4.34E-02	2.73E+00	4.21E-01	2.21E-08	1.56E-08	6.12E-04	1.09E-05	2.49E-01	2.81E-02	3.15E+00	4.85E-04	3.15E+00	3.42E+00	2.77E-01	0.00E+00	0.00E+00	0.00E+00	2.13E-01
	B46111	2.78E-03	1.78E-01	2.64E-03	1.75E-01	1.02E-08	0.00E+00	1.39E+00	1.34E-06	1.64E-04	1.86E-03	0.00E+00	1.05E+01	3.23E-08	7.02E-08	3.66E+00	1.15E-02	3.98E-04	7.83E-04	5.39E-03	4.70E-02	2.97E+00	4.49E-01	2.40E-08	1.70E-08	6.69E-04	1.18E-05	2.69E-01	3.05E-02	3.42E+00	5.38E-04	3.42E+00	3.71E+00	2.99E-01	0.00E+00	0.00E+00	0.00E+00	2.31E-01
	B46112	3.33E-03	2.51E-01	3.37E-03	2.48E-01	1.96E-08	0.00E+00	1.52E+00	1.09E-06	2.13E-04	2.44E-03	0.00E+00	3.49E+00	2.10E-08	4.84E-08	2.13E+00	1.47E-02	7.63E-04	1.50E-03	5.36E-03	9.63E-02	3.37E+00	9.66E-01	3.69E-08	1.99E-08	9.23E-04	1.83E-05	2.57E-01	5.84E-02	4.34E+00	6.12E-04	4.34E+00	4.66E+00	3.16E-01	0.00E+00	0.00E+00	0.00E+00	2.30E-01
	B46130	7.06E-04	1.06E-01	-1.27E-02	1.19E-01	2.90E-06	0.00E+00	9.37E-01	3.39E-07	1.34E-04	1.17E-03	1.86E-04	3.28E-03	4.32E-07	1.95E-08	7.48E-02	8.66E-03	2.52E-04	5.79E-04	3.42E-04	2.25E-02	3.75E+00	3.15E-01	8.43E-10	7.66E-09	4.84E-04	7.60E-06	1.05E-01	1.92E-01	4.07E+00	1.02E-08	4.07E+00	4.36E+00	2.97E-01	0.00E+00	0.00E+00	4.71E-03	1.45E-02
	B46132	7.44E-04	1.13E-01	-1.27E-02	1.26E-01	2.90E-06	0.00E+00	1.08E+00	3.67E-07	1.37E-04	1.20E-03	1.86E-04	5.18E-03	4.32E-07	1.96E-08	8.86E-02	8.65E-03	2.52E-04	5.79E-04	4.02E-04	2.24E-02	4.06E+00	3.16E-01	2.78E-09	7.95E-09	5.42E-04	9.05E-06	1.05E-01	1.92E-01	4.37E+00	1.13E-08	4.37E+00	4.67E+00	2.97E-01	0.00E+00	0.00E+00	4.71E-03	1.71E-02
	B46133	7.44E-04	1.13E-01	-1.27E-02	1.26E-01	2.90E-06	0.00E+00	1.08E+00	3.67E-07	1.37E-04	1.20E-03	1.86E-04	5.18E-03	4.32E-07	1.96E-08	8.86E-02	8.65E-03	2.52E-04	5.79E-04	4.02E-04	2.24E-02	4.06E+00	3.16E-01	2.78E-09	7.95E-09	5.42E-04	9.05E-06	1.05E-01	1.92E-01	4.37E+00	1.13E-08	4.37E+00	4.67E+00	2.97E-01	0.00E+00	0.00E+00	4.71E-03	1.71E-02
	B46135	6.81E-04	1.12E-01	-1.21E-02	1.24E-01	8.49E-06	0.00E+00	1.05E+00	4.02E-07	1.31E-04	1.16E-03	1.76E-04	3.10E-03	3.92E-07	1.79E-08	7.76E-02	2.42E-02	2.39E-04	5.48E-04	3.84E-04	3.30E-02	3.67E+00	4.20E-01	1.12E-09	7.22E-09	4.72E-04	1.35E-05	1.12E-01	1.91E-01	4.09E+00	1.15E-08	4.09E+00	4.40E+00	3.04E-01	0.00E+00	0.00E+00	0.00E+00	1.63E-02
	B46136	7.18E-04	1.19E-01	-1.21E-02	1.31E-01	8.49E-06	0.00E+00	1.18E+00	4.27E-07	1.34E-04	1.19E-03	1.76E-04	4.87E-03	3.92E-07	1.79E-08	8.98E-02	2.42E-02	2.39E-04	5.48E-04	4.39E-04	3.29E-02	3.96E+00	4.21E-01	2.90E-09	7.50E-09	5.25E-04	1.49E-05	1.12E-01	1.91E-01	4.38E+00	1.25E-08	4.38E+00	4.68E+00	3.03E-01	0.00E+00	0.00E+00	0.00E+00	1.86E-02
	B46137	7.18E-04	1.19E-01	-1.21E-02	1.31E-01	8.49E-06	0.00E+00	1.18E+00	4.27E-07	1.34E-04	1.19E-03	1.76E-04	4.87E-03	3.92E-07	1.79E-08	8.98E-02	2.42E-02	2.39E-04	5.48E-04	4.39E-04	3.29E-02	3.96E+00	4.21E-01	2.90E-09	7.50E-09	5.25E-04	1.49E-05	1.12E-01	1.91E-01	4.38E+00	1.25E-08	4.38E+00	4.68E+00	3.03E-01	0.00E+00	0.00E+00	0.00E+00	1.86E-02
	B46140	7.46E-04	1.24E-01	-1.20E-02	1.36E-01	9.21E-06	0.00E+00	1.14E+00	4.19E-07	1.45E-04	1.27E-03	1.90E-04	3.34E-03	4.55E-07	2.07E-08	7.84E-02	2.62E-02	2.55E-04	5.88E-04	4.19E-04	3.50E-02	4.14E+00	4.72E-01	1.17E-09	8.11E-09	5.26E-04	1.44E-05	1.20E-01	1.93E-01	4.61E+00	1.21E-08	4.61E+00	4.92E+00	3.13E-01	0.00E+00	0.00E+00	0.00E+00	1.78E-02
	B46142	7.77E-04	1.31E-01	-1.20E-02	1.43E-01	9.22E-06	0.00E+00	1.27E+00	4.47E-07	1.47E-04	1.29E-03	1.90E-04	5.08E-03	4.55E-07	2.07E-08	9.19E-02	2.62E-02	2.55E-04	5.88E-04	4.74E-04	3.48E-02	4.42E+00	4.73E-01	2.95E-09	8.37E-09	5.78E-04	1.57E-05	1.20E-01	1.93E-01	4.89E+00	1.32E-08	4.89E+00	5.21E+00	3.12E-01	0.00E+00	0.00E+00	0.00E+00	2.01E-02
	B46143	7.77E-04	1.31E-01	-1.20E-02	1.43E-01	9.22E-06	0.00E+00	1.27E+00	4.47E-07	1.47E-04	1.29E-03	1.90E-04	5.08E-03	4.55E-07	2.07E-08	9.19E-02	2.62E-02	2.55E-04	5.88E-04	4.74E-04	3.48E-02	4.42E+00	4.73E-01	2.95E-09	8.37E-09	5.78E-04	1.57E-05	1.20E-01	1.93E-01	4.89E+00	1.32E-08	4.89E+00	5.21E+00	3.12E-01	0.00E+00	0.00E+00	0.00E+00	2.01E-02
	B46145	7.46E-04	1.24E-01	-1.20E-02	1.36E-01	9.21E-06	0.00E+00	1.14E+00	4.19E-07	1.45E-04	1.27E-03	1.90E-04	3.34E-03	4.55E-07	2.07E-08	7.84E-02	2.62E-02	2.55E-04	5.88E-04	4.19E-04	3.50E-02	4.14E+00	4.72E-01	1.17E-09	8.11E-09	5.26E-04	1.44E-05	1.20E-01	1.93E-01	4.61E+00	1.21E-08	4.61E+00	4.92E+00	3.13E-01	0.00E+00	0.00E+00	0.00E+00	1.78E-02
	B46147	7.77E-04	1.31E-01	-1.20E-02	1.43E-01	9.22E-06	0.00E+00	1.27E+00	4.48E-07	1.47E-04	1.29E-03	1.90E-04	5.08E-03	4.55E-07	2.07E-08	9.19E-02	2.62E-02	2.55E-04	5.88E-04	4.74E-04	3.48E-02	4.42E+00	4.73E-01	2.96E-09	8.37E-09	5.78E-04	1.57E-05	1.20E-01	1.93E-01	4.89E+00	1.32E-08	4.89E+00	5.21E+00	3.12E-01	0.00E+00	0.00E+00	0.00E+00	2.01E-02
	B46148	7.77E-04	1.31E-01	-1.20E-02	1.43E-01	9.22E-06	0.00E+00	1.27E+00	4.48E-07	1.47E-04	1.29E-03	1.90E-04	5.08E-03	4.55E-07	2.07E-08	9.19E-02	2.62E-02	2.55E-04	5.88E-04	4.74E-04	3.48E-02	4.42E+00	4.73E-01	2.96E-09	8.37E-09	5.78E-04	1.57E-05	1.20E-01	1.93E-01	4.89E+00	1.32E-08	4.89E+00	5.21E+00	3.12E-01	0.00E+00	0.00E+00	0.00E+00	2.01E-02
	G45BLIND19011	1.99E-04	2.71E-02	-3.05E-03	3.02E-02	1.41E-09	0.00E+00	2.19E-01	1.23E-07	2.48E-05	2.81E-04	6.47E-05	1.93E-03	4.33E-10	1.42E-10	8.68E-02	2.18E-04	8.80E-05	2.02E-04	8.99E-05	6.12E-03	6.42E-01	3.18E-03	1.29E-09	1.25E-09	1.05E-04	1.99E-06	4.28E-02	4.70E-02	6.46E-01	3.07E-09	6.46E-01	7.35E-01	8.99E-02	0.00E+00	0.00E+00	5.94E-03	3.82E-03
	G45BLIND19016	2.15E-04	2.78E-02	-3.07E-03	3.08E-02	8.62E-10	0.00E+00	1.47E-01	9.01E-08	2.69E-05	3.10E-04	6.47E-05	1.06E-03	4.32E-10	1.50E-10	7.06E-02	2.31E-04	8.80E-05	2.02E-04	6.10E-05	6.97E-03	4.88E-01	2.60E-03	2.77E-10	1.22E-09	8.66E-05	1.22E-06	4.32E-02	4.70E-02	4.90E-01	1.94E-09	4.90E-01	5.80E-01	9.03E-02	0.00E+00	0.00E+00	5.94E-03	2.58E-03
	G45BLIND1LAN	1.99E-04	2.71E-02	-3.05E-03	3.02E-02	1.41E-09	0.00E+00	2.19E-01	1.23E-07	2.48E-05	2.81E-04	6.47E-05	1.93E-03	4.33E-10	1.42E-10	8.68E-02	2.18E-04	8.80E-05	2.02E-04	8.99E-05	6.12E-03	6.42E-01	3.18E-03	1.29E-09	1.25E-09	1.05E-04	1.99E-06	4.28E-02	4.70E-02	6.46E-01	3.07E-09	6.46E-01	7.35E-01	8.99E-02	0.00E+00	0.00E+00	5.94E-03	3.82E-03
	G45BLIND29011	2.94E-04	3.60E-02	-1.20E-02	4.80E-02	3.15E-09	0.00E+00	5.02E-01	3.23E-07	4.45E-05	4.65E-04	1.60E-04	3.18E-03	1.60E-09	2.12E-10	1.06E-01	3.30E-04	2.16E-04	4.98E-04	1.82E-04	1.26E-02	1.04E+00	6.20E-03	2.32E-09	1.93E-09	1.73E-04	5.05E-06	4.13E-02	1.73E-01	1.05E+00	6.17E-09	1.05E+00	1.27E+00	2.14E-01	0.00E+00	0.00E+00	1.13E-02	7.70E-03
	G45BLIND29016	3.36E-04	3.89E-02	-1.21E-02	5.10E-02	2.10E-09	0.00E+00	3.83E-01	2.62E-07	4.95E-05	5.32E-04	1.60E-04	1.77E-03	1.60E-09	2.35E-10	7.54E-02	3.53E-04	2.16E-04	4.98E-04	1.34E-04	1.44E-02	7.89E-01	5.23E-03	6.25E-10	1.94E-09	1.48E-04	3.77E-06	4.21E-02	1.73E-01	7.94E-01	4.05E-09	7.94E-01	1.01E+00	2.15E-01	0.00E+00	0.00E+00	1.13E-02	5.67E-03
	G45BLIND2LAN	2.94E-04	3.60E-02	-1.20E-02	4.80E-02	3.15E-09	0.00E+00	5.02E-01	3.23E-07	4.45E-05	4.65E-04	1.60E-04	3.18E-03	1.60E-09	2.12E-10	1.06E-01	3.30E-04	2.16E-04	4.98E-04	1.82E-04	1.26E-02	1.04E+00	6.20E-03	2.32E-09	1.93E-09	1.73E-04	5.05E-06	4.13E-02	1.73E-01	1.05E+00	6.17E-09	1.05E+00	1.27E+00	2.14E-01	0.00E+00	0.00E+00	1.13E-02	7.70E-03
	G45DM0119011	7.92E-04	1.38E-01	-7.59E-03	1.46E-01	9.94E-06	0.00E+00	1.25E+00	4.03E-07	1.48E-04	1.30E-03	1.72E-04	5.22E-03	4.84E-07	2.20E-08	1.15E-01	2.83E-02	2.33E-04	5.35E-04	4.77E-04	3.41E-02	4.63E+00	5.06E-01	3.02E-09	8.71E-09	5.97E-04	1.56E-05	1.38E-01	1.36E-01	5.14E+00	1.33E-08	5.14E+00	5.42E+00	2.74E-01	0.00E+00	0.00E+00	0.00E+00	2.03E-02
	G45DM0119016	7.61E-04	1.32E-01	-7.61E-03	1.39E-01	9.94E-06	0.00E+00	1.11E+00	3.72E-07	1.46E-04	1.27E-03	1.72E-04	3.35E-03	4.83E-07	2.20E-08	9.97E-02	2.83E-02	2.33E-04	5.35E-04	4.18E-04	3.44E-02	4.33E+00	5.05E-01	1.09E-09	8.44E-09	5.42E-04	1.41E-05	1.39E-01	1.36E-01	4.84E+00	1.21E-08	4.84E+00	5.11E+00	2.74E-01	0.00E+00	0.00E+00	0.00E+00	1.77E-02
	G45DM011LAN	7.92E-04	1.38E-01	-7.59E-03	1.46E-01	9.94E-06	0.00E+00	1.25E+00	4.03E-07	1.48E-04	1.30E-03	1.72E-04	5.22E-03	4.84E-07	2.20E-08	1.15E-01	2.83E-02	2.33E-04	5.35E-04	4.77E-04	3.41E-02	4.63E+00	5.06E-01	3.02E-09	8.71E-09	5.97E-04	1.56E-05	1.38E-01	1.36E-01	5.14E+00	1.33E-08	5.14E+00	5.42E+00	2.74E-01	0.00E+00	0.00E+00	0.00E+00	2.03E-02
	G45DM0129011	7.56E-04	1.31E-01	-7.70E-03	1.38E-01	9.21E-06	0.00E+00	1.18E+00	3.85E-07	1.41E-04	1.24E-03	1.64E-04	4.95E-03	4.54E-07	2.07E-08	1.12E-01	2.62E-02	2.22E-04	5.10E-04	4.51E-04	3.24E-02	4.37E+00	4.73E-01	2.83E-09	8.24E-09	5.65E-04	1.46E-05	1.33E-01	1.35E-01	4.84E+00	1.27E-08	4.84E+00	5.11E+00	2.68E-01	0.00E+00	0.00E+00	0.00E+00	1.92E-02
	G45DM0129016	7.25E-04	1.25E-01	-7.71E-03	1.32E-01	9.21E-06	0.00E+00	1.05E+00	3.57E-07	1.38E-04	1.21E-03	1.64E-04	3.21E-03	4.54E-07	2.07E-08	9.89E-02	2.62E-02	2.22E-04	5.10E-04	3.96E-04	3.26E-02	4.09E+00	4.72E-01	1.05E-09	7.99E-09	5.13E-04	1.33E-05	1.33E-01	1.35E-01	4.56E+00	1.16E-08	4.56E+00	4.83E+00	2.68E-01	0.00E+00	0.00E+00	0.00E+00	1.68E-02
	G45DM012LAN	7.45E-04	1.31E-01	-5.51E-03	1.36E-01	9.21E-06	0.00E+00	1.13E+00	3.53E-07	1.38E-04	1.21E-03	1.51E-04	4.88E-03	4.54E-07	2.07E-08	1.12E-01	2.62E-02	2.04E-04	4.68E-04	4.39E-04	3.12E-02	4.34E+00	4.73E-01	2.77E-09	8.18E-09	5.58E-04	1.41E-05	1.39E-01	1.06E-01	4.81E+00	1.24E-08	4.81E+00	5.06E+00	2.45E-01	0.00E+00	0.00E+00	0.00E+00	1.87E-02
	G45DM0519011	5.76E-04	1.27E-01	-5.85E-03	1.33E-01	2.54E-05	0.00E+00	1.26E+00	6.48E-07	9.01E-05	1.02E-03	1.91E-04	4.61E-03	1.28E-09	9.22E-10	1.30E-01	7.13E-02	2.58E-04	5.92E-04	5.02E-04	6.69E-02	2.37E+00	5.91E-01	3.92E-09	3.60E-09	3.47E-04	3.22E-05	1.99E-01	1.38E-01	2.96E+00	1.75E-08	2.96E+00	3.30E+00	3.37E-01	0.00E+00	0.00E+00	0.00E+00	2.13E-02
	G45DM0519016	5.44E-04	1.21E-01	-5.87E-03	1.27E-01	2.54E-05	0.00E+00	1.12E+00	6.17E-07	8.75E-05	9.93E-04	1.91E-04	2.73E-03	1.28E-09	8.96E-10	1.14E-01	7.13E-02	2.58E-04	5.92E-04	4.43E-04	6.71E-02	2.07E+00	5.90E-01	1.99E-09	3.32E-09	2.92E-04	3.07E-05	1.99E-01	1.38E-01	2.66E+00	1.63E-08	2.66E+00	2.99E+00	3.37E-01	0.00E+00	0.00E+00	0.00E+00	1.88E-02
	G45DM051LAN	5.76E-04	1.27E-01	-5.85E-03	1.33E-01	2.54E-05	0.00E+00	1.26E+00	6.48E-07	9.01E-05	1.02E-03	1.91E-04	4.61E-03	1.28E-09	9.22E-10	1.30E-01	7.13E-02	2.58E-04	5.92E-04	5.02E-04	6.69E-02	2.37E+00	5.91E-01	3.92E-09	3.60E-09	3.47E-04	3.22E-05	1.99E-01	1.38E-01	2.96E+00	1.75E-08	2.96E+00	3.30E+00	3.37E-01	0.00E+00	0.00E+00	0.00E+00	2.13E-02

Distribution A4	G45DM0529011	7.56E-04	1.31E-01	-7.70E-03	1.38E-01	9.21E-06	0.00E+00	1.18E+00	3.85E-07	1.41E-04	1.24E-03	1.64E-04	4.95E-03	4.54E-07	2.07E-08	1.12E-01	2.62E-02	2.22E-04	5.10E-04	4.51E-04	3.24E-02	4.37E+00	4.73E-01	2.83E-09	8.24E-09	5.65E-04	1.46E-05	1.33E-01	1.35E-01	4.84E+00	1.27E-08	4.84E+00	5.11E+00	2.68E-01	0.00E+00	0.00E+00	0.00E+00	1.92E-02
	G45DM0529016	7.25E-04	1.25E-01	-7.71E-03	1.32E-01	9.21E-06	0.00E+00	1.05E+00	3.57E-07	1.38E-04	1.21E-03	1.64E-04	3.21E-03	4.54E-07	2.07E-08	9.89E-02	2.62E-02	2.22E-04	5.10E-04	3.96E-04	3.26E-02	4.09E+00	4.72E-01	1.05E-09	7.99E-09	5.13E-04	1.33E-05	1.33E-01	1.35E-01	4.56E+00	1.16E-08	4.56E+00	4.83E+00	2.68E-01	0.00E+00	0.00E+00	0.00E+00	1.68E-02
	G45DM052LAN	7.56E-04	1.31E-01	-7.70E-03	1.38E-01	9.21E-06	0.00E+00	1.18E+00	3.85E-07	1.41E-04	1.24E-03	1.64E-04	4.95E-03	4.54E-07	2.07E-08	1.12E-01	2.62E-02	2.22E-04	5.10E-04	4.51E-04	3.24E-02	4.37E+00	4.73E-01	2.83E-09	8.24E-09	5.65E-04	1.46E-05	1.33E-01	1.35E-01	4.84E+00	1.27E-08	4.84E+00	5.11E+00	2.68E-01	0.00E+00	0.00E+00	0.00E+00	1.92E-02
	G45MM0119011	7.22E-04	1.13E-01	-8.41E-03	1.22E-01	2.90E-06	0.00E+00	9.88E-01	3.05E-07	1.31E-04	1.15E-03	1.60E-04	5.04E-03	4.31E-07	1.95E-08	1.09E-01	8.65E-03	2.17E-04	4.99E-04	3.79E-04	2.00E-02	4.01E+00	3.15E-01	2.65E-09	7.83E-09	5.28E-04	7.97E-06	1.17E-01	1.35E-01	4.32E+00	1.09E-08	4.32E+00	4.57E+00	2.52E-01	0.00E+00	0.00E+00	4.71E-03	1.61E-02
	G45MM0119016	6.85E-04	1.06E-01	-8.42E-03	1.14E-01	2.90E-06	0.00E+00	8.45E-01	2.76E-07	1.28E-04	1.12E-03	1.60E-04	3.15E-03	4.31E-07	1.95E-08	9.54E-02	8.66E-03	2.17E-04	4.99E-04	3.20E-04	2.01E-02	3.70E+00	3.14E-01	7.20E-10	7.54E-09	4.71E-04	6.51E-06	1.18E-01	1.35E-01	4.02E+00	9.74E-09	4.02E+00	4.27E+00	2.52E-01	0.00E+00	0.00E+00	4.71E-03	1.36E-02
	G45MM011LAN	7.22E-04	1.13E-01	-8.41E-03	1.22E-01	2.90E-06	0.00E+00	9.88E-01	3.05E-07	1.31E-04	1.15E-03	1.60E-04	5.04E-03	4.31E-07	1.95E-08	1.09E-01	8.65E-03	2.17E-04	4.99E-04	3.79E-04	2.00E-02	4.01E+00	3.15E-01	2.65E-09	7.83E-09	5.28E-04	7.97E-06	1.17E-01	1.35E-01	4.32E+00	1.09E-08	4.32E+00	4.57E+00	2.52E-01	0.00E+00	0.00E+00	4.71E-03	1.61E-02
	G45MM0129011	6.96E-04	1.19E-01	-7.82E-03	1.27E-01	8.49E-06	0.00E+00	1.09E+00	3.65E-07	1.28E-04	1.14E-03	1.51E-04	4.73E-03	3.92E-07	1.79E-08	1.10E-01	2.42E-02	2.04E-04	4.69E-04	4.16E-04	3.05E-02	3.91E+00	4.21E-01	2.78E-09	7.37E-09	5.12E-04	1.38E-05	1.25E-01	1.34E-01	4.33E+00	1.20E-08	4.33E+00	4.58E+00	2.59E-01	0.00E+00	0.00E+00	0.00E+00	1.77E-02
	G45MM0129016	6.60E-04	1.12E-01	-7.83E-03	1.20E-01	8.49E-06	0.00E+00	9.60E-01	3.40E-07	1.25E-04	1.11E-03	1.51E-04	2.97E-03	3.92E-07	1.79E-08	9.82E-02	2.42E-02	2.04E-04	4.69E-04	3.61E-04	3.06E-02	3.62E+00	4.20E-01	9.92E-10	7.09E-09	4.58E-04	1.24E-05	1.25E-01	1.34E-01	4.04E+00	1.10E-08	4.04E+00	4.30E+00	2.59E-01	0.00E+00	0.00E+00	0.00E+00	1.53E-02
	G45MM012LAN	6.96E-04	1.19E-01	-7.82E-03	1.27E-01	8.49E-06	0.00E+00	1.09E+00	3.65E-07	1.28E-04	1.14E-03	1.51E-04	4.73E-03	3.92E-07	1.79E-08	1.10E-01	2.42E-02	2.04E-04	4.69E-04	4.16E-04	3.05E-02	3.91E+00	4.21E-01	2.78E-09	7.37E-09	5.12E-04	1.38E-05	1.25E-01	1.34E-01	4.33E+00	1.20E-08	4.33E+00	4.58E+00	2.59E-01	0.00E+00	0.00E+00	0.00E+00	1.77E-02
	G45MM0519011	4.89E-04	7.10E-02	-8.38E-03	7.94E-02	2.90E-06	0.00E+00	6.07E-01	3.52E-07	6.52E-05	7.57E-04	1.78E-04	4.53E-03	1.26E-09	4.01E-10	1.15E-01	8.73E-03	2.41E-04	5.55E-04	2.54E-04	2.23E-02	1.49E+00	7.45E-02	2.75E-09	2.96E-09	2.54E-04	8.02E-06	1.42E-01	1.36E-01	1.56E+00	1.08E-08	1.56E+00	1.84E+00	2.78E-01	0.00E+00	0.00E+00	1.51E-02	1.08E-02
	G45MM0519016	4.52E-04	6.38E-02	-8.39E-03	7.22E-02	2.90E-06	0.00E+00	4.64E-01	3.23E-07	6.21E-05	7.29E-04	1.78E-04	2.63E-03	1.26E-09	3.72E-10	1.01E-01	8.74E-03	2.41E-04	5.55E-04	1.95E-04	2.24E-02	1.18E+00	7.34E-02	8.16E-10	2.67E-09	1.96E-04	6.56E-06	1.42E-01	1.36E-01	1.26E+00	9.72E-09	1.26E+00	1.53E+00	2.79E-01	0.00E+00	0.00E+00	1.51E-02	8.25E-03
	G45MM051LAN	4.89E-04	7.10E-02	-8.38E-03	7.94E-02	2.90E-06	0.00E+00	6.07E-01	3.52E-07	6.52E-05	7.57E-04	1.78E-04	4.53E-03	1.26E-09	4.01E-10	1.15E-01	8.73E-03	2.41E-04	5.55E-04	2.54E-04	2.23E-02	1.49E+00	7.45E-02	2.75E-09	2.96E-09	2.54E-04	8.02E-06	1.42E-01	1.36E-01	1.56E+00	1.08E-08	1.56E+00	1.84E+00	2.78E-01	0.00E+00	0.00E+00	1.51E-02	1.08E-02
	G45MM0529011	7.26E-04	1.24E-01	-7.80E-03	1.32E-01	8.49E-06	0.00E+00	1.13E+00	3.67E-07	1.34E-04	1.18E-03	1.55E-04	4.84E-03	4.25E-07	1.94E-08	1.10E-01	2.42E-02	2.10E-04	4.84E-04	4.29E-04	3.07E-02	4.13E+00	4.40E-01	2.79E-09	7.81E-09	5.38E-04	1.38E-05	1.27E-01	1.34E-01	4.57E+00	1.22E-08	4.57E+00	4.83E+00	2.61E-01	0.00E+00	0.00E+00	0.00E+00	1.82E-02
	G45MM0529016	6.89E-04	1.17E-01	-7.82E-03	1.25E-01	8.49E-06	0.00E+00	9.94E-01	3.42E-07	1.31E-04	1.15E-03	1.55E-04	3.08E-03	4.25E-07	1.93E-08	9.82E-02	2.42E-02	2.10E-04	4.84E-04	3.74E-04	3.08E-02	3.84E+00	4.39E-01	9.96E-10	7.53E-09	4.84E-04	1.25E-05	1.27E-01	1.34E-01	4.28E+00	1.12E-08	4.28E+00	4.54E+00	2.61E-01	0.00E+00	0.00E+00	0.00E+00	1.59E-02
	G45MM052LAN	7.26E-04	1.24E-01	-7.80E-03	1.32E-01	8.49E-06	0.00E+00	1.13E+00	3.67E-07	1.34E-04	1.18E-03	1.55E-04	4.84E-03	4.25E-07	1.94E-08	1.10E-01	2.42E-02	2.10E-04	4.84E-04	4.29E-04	3.07E-02	4.13E+00	4.40E-01	2.79E-09	7.81E-09	5.38E-04	1.38E-05	1.27E-01	1.34E-01	4.57E+00	1.22E-08	4.57E+00	4.83E+00	2.61E-01	0.00E+00	0.00E+00	0.00E+00	1.82E-02
	G45MM3019011	8.86E-05	1.38E-02	1.84E-04	1.36E-02	2.29E-10	0.00E+00	9.84E-02	3.60E-08	9.75E-06	1.25E-04	0.00E+00	1.38E-03	3.27E-11	6.19E-11	5.21E-03	1.57E-04	5.50E-05	1.07E-04	5.72E-05	1.76E-03	2.94E-01	1.71E-03	1.03E-09	5.33E-10	5.80E-05	9.49E-07	3.62E-02	4.18E-03	2.95E-01	2.46E-09	2.95E-01	3.36E-01	4.04E-02	0.00E+00	0.00E+00	5.50E-03	2.43E-03
	G45MM3019016	4.55E-05	7.23E-03	1.84E-04	7.04E-03	2.29E-10	0.00E+00	2.47E-02	3.34E-08	5.65E-06	8.01E-05	0.00E+00	3.53E-04	3.13E-11	3.11E-11	4.48E-03	1.57E-04	5.50E-05	1.07E-04	2.60E-05	1.30E-03	1.38E-01	1.18E-03	5.75E-11	3.00E-10	2.12E-05	2.24E-07	3.61E-02	4.18E-03	1.39E-01	2.27E-09	1.39E-01	1.79E-01	4.03E-02	0.00E+00	0.00E+00	5.50E-03	1.09E-03
	G45MM301LAN	8.86E-05	1.38E-02	1.84E-04	1.36E-02	2.29E-10	0.00E+00	9.84E-02	3.60E-08	9.75E-06	1.25E-04	0.00E+00	1.38E-03	3.27E-11	6.19E-11	5.21E-03	1.57E-04	5.50E-05	1.07E-04	5.72E-05	1.76E-03	2.94E-01	1.71E-03	1.03E-09	5.33E-10	5.80E-05	9.49E-07	3.62E-02	4.18E-03	2.95E-01	2.46E-09	2.95E-01	3.36E-01	4.04E-02	0.00E+00	0.00E+00	5.50E-03	2.43E-03
	G45MSET019016	2.49E-03	1.83E-01	3.73E-03	1.79E-01	9.51E-09	0.00E+00	1.21E+00	1.30E-06	1.56E-04	1.90E-03	0.00E+00	7.08E+00	2.54E-08	5.04E-08	2.83E+00	1.44E-02	4.04E-04	9.51E-04	4.61E-03	4.36E-02	3.35E+00	4.43E-01	2.09E-08	1.54E-08	6.50E-04	1.21E-05	4.41E-01	3.09E-02	3.79E+00	3.53E-04	3.79E+00	4.27E+00	4.72E-01	0.00E+00	0.00E+00	5.68E-03	1.98E-01
	G45MSET029016	3.13E-03	2.24E-01	3.60E-03	2.21E-01	1.09E-08	0.00E+00	1.52E+00	1.42E-06	1.99E-04	2.39E-03	0.00E+00	1.07E+01	3.28E-08	7.19E-08	3.73E+00	1.23E-02	4.65E-04	1.09E-03	5.63E-03	5.62E-02	3.98E+00	4.50E-01	2.45E-08	1.91E-08	8.24E-04	1.28E-05	4.89E-01	3.56E-02	4.43E+00	5.48E-04	4.43E+00	4.95E+00	5.25E-01	0.00E+00	0.00E+00	5.58E-03	2.41E-01
	G45MSET039016	3.60E-03	3.07E-01	4.22E-03	3.03E-01	1.90E-08	0.00E+00	1.57E+00	9.85E-07	2.57E-04	3.13E-03	0.00E+00	3.45E+00	1.87E-08	4.68E-08	2.22E+00	1.21E-02	7.94E-04	1.56E-03	5.07E-03	1.07E-01	4.31E+00	9.49E-01	3.48E-08	2.16E-08	1.12E-03	1.76E-05	5.71E-01	6.08E-02	5.26E+00	6.30E-04	5.26E+00	5.89E+00	6.32E-01	0.00E+00	0.00E+00	5.61E-03	2.17E-01
	GKWHO	5.36E-04	8.58E-02	-3.98E-03	8.98E-02	1.90E-09	0.00E+00	6.85E-01	9.83E-08	1.16E-04	8.57E-04	1.05E-04	1.99E-03	5.53E-07	2.47E-08	6.65E-02	2.15E-04	1.41E-04	3.24E-04	2.49E-04	5.77E-03	3.82E+00	3.13E-01	2.27E-10	7.64E-09	4.56E-04	1.64E-06	2.59E-02	6.35E-02	4.13E+00	3.26E-09	4.13E+00	4.22E+00	8.94E-02	0.00E+00	0.00E+00	0.00E+00	1.05E-02
	GKWHP	1.30E-04	1.20E-02	-1.04E-02	2.24E-02	8.31E-10	0.00E+00	2.93E-01	1.54E-07	2.97E-05	2.45E-04	7.09E-05	6.19E-04	5.95E-08	2.66E-09	7.63E-02	4.54E-05	9.60E-05	2.20E-04	8.38E-05	6.71E-03	5.72E-01	3.55E-02	3.47E-10	1.23E-09	8.85E-05	2.71E-06	-2.06E-02	1.39E-01	6.07E-01	1.54E-09	6.07E-01	7.26E-01	1.19E-01	0.00E+00	0.00E+00	0.00E+00	3.55E-03
	GKWHQ	7.45E-05	9.87E-03	-4.06E-03	1.39E-02	1.12E-09	0.00E+00	1.27E-01	9.57E-08	1.31E-05	1.42E-04	6.12E-05	4.68E-04	5.46E-10	4.99E-11	6.87E-02	1.65E-04	8.20E-05	1.90E-04	4.71E-05	4.21E-03	2.19E-01	2.44E-03	1.96E-10	4.67E-10	3.80E-05	1.41E-06	1.63E-02	5.92E-02	2.22E-01	2.42E-09	2.22E-01	2.97E-01	7.55E-02	0.00E+00	0.00E+00	4.66E-03	1.98E-03
	GMDSDP	2.78E-03	1.78E-01	2.64E-03	1.75E-01	1.02E-08	0.00E+00	1.39E+00	1.34E-06	1.64E-04	1.86E-03	0.00E+00	1.05E+01	3.23E-08	7.02E-08	3.66E+00	1.15E-02	3.98E-04	7.83E-04	5.39E-03	4.70E-02	2.97E+00	4.49E-01	2.40E-08	1.70E-08	6.69E-04	1.18E-05	2.69E-01	3.05E-02	3.42E+00	5.38E-04	3.42E+00	3.71E+00	2.99E-01	0.00E+00	0.00E+00	0.00E+00	2.31E-01
	GMDSHDMI	2.55E-03	1.63E-01	2.49E-03	1.60E-01	9.40E-09	0.00E+00	1.27E+00	1.23E-06	1.50E-04	1.70E-03	0.00E+00	9.51E+00	2.95E-08	6.39E-08	3.36E+00	1.08E-02	3.68E-04	7.23E-04	4.95E-03	4.34E-02	2.73E+00	4.21E-01	2.21E-08	1.56E-08	6.12E-04	1.09E-05	2.49E-01	2.81E-02	3.15E+00	4.85E-04	3.15E+00	3.42E+00	2.77E-01	0.00E+00	0.00E+00	0.00E+00	2.13E-01
	GMDSVGA	3.67E-03	2.58E-01	4.54E-03	2.53E-01	1.96E-08	0.00E+00	1.84E+00	1.45E-06	2.31E-04	2.46E-03	0.00E+00	9.06E+00	3.20E-08	7.83E-08	3.61E+00	1.46E-02	7.63E-04	1.50E-03	1.22E-02	9.21E-02	3.84E+00	9.01E-01	4.24E-08	2.25E-08	9.37E-04	2.07E-05	3.26E-01	5.84E-02	4.74E+00	1.31E-03	4.74E+00	5.12E+00	3.85E-01	0.00E+00	0.00E+00	0.00E+00	5.22E-01
	B46040	1.48E-05	9.40E-03	3.85E-08	9.40E-03	1.42E-08	0.00E+00	2.74E-01	3.51E-08	2.69E-06	2.95E-05	0.00E+00	3.93E-05	1.84E-12	3.51E-11	3.32E-04	4.02E-05	0.00E+00	0.00E+00	7.88E-06	8.72E-04	1.67E-01	0.00E+00	1.14E-10	1.27E-10	9.55E-06	6.91E-07	5.26E-04	0.00E+00	1.67E-01	3.35E-09	1.67E-01	1.67E-01	5.26E-04	0.00E+00	0.00E+00	0.00E+00	3.38E-04
	B46042	1.48E-05	9.40E-03	3.85E-08	9.40E-03	1.42E-08	0.00E+00	2.74E-01	3.51E-08	2.69E-06	2.95E-05	0.00E+00	3.93E-05	1.84E-12	3.51E-11	3.32E-04	4.02E-05	0.00E+00	0.00E+00	7.88E-06	8.72E-04	1.67E-01	0.00E+00	1.14E-10	1.27E-10	9.55E-06	6.91E-07	5.26E-04	0.00E+00	1.67E-01	3.35E-09	1.67E-01	1.67E-01	5.26E-04	0.00E+00	0.00E+00	0.00E+00	3.38E-04
	B46043	1.49E-05	9.45E-03	3.87E-08	9.45E-03	1.43E-08	0.00E+00	2.76E-01	3.53E-08	2.70E-06	2.97E-05	0.00E+00	3.95E-05	1.85E-12	3.53E-11	3.34E-04	4.04E-05	0.00E+00	0.00E+00	7.92E-06	8.77E-04	1.68E-01	0.00E+00	1.15E-10	1.28E-10	9.60E-06	6.94E-07	5.29E-04	0.00E+00	1.68E-01	3.37E-09	1.68E-01	1.68E-01	5.29E-04	0.00E+00	0.00E+00	0.00E+00	3.40E-04
	B46045	1.71E-05	1.08E-02	4.42E-08	1.08E-02	1.63E-08	0.00E+00	3.15E-01	4.04E-08	3.09E-06	3.40E-05	0.00E+00	4.52E-05	2.12E-12	4.04E-11	3.82E-04	4.62E-05	0.00E+00	0.00E+00	9.06E-06	1.00E-03	1.92E-01	0.00E+00	1.31E-10	1.46E-10	1.10E-05	7.95E-07	6.05E-04	0.00E+00	1.92E-01	3.86E-09	1.92E-01	1.93E-01	6.05E-04	0.00E+00	0.00E+00	0.00E+00	3.89E-04
	B46047	1.76E-05	1.11E-02	4.55E-08	1.11E-02	1.68E-08	0.00E+00	3.25E-01	4.16E-08	3.19E-06	3.50E-05	0.00E+00	4.65E-05	2.18E-12	4.16E-11	3.94E-04	4.76E-05	0.00E+00	0.00E+00	9.32E-06	1.03E-03	1.98E-01	0.00E+00	1.35E-10	1.51E-10	1.13E-05	8.18E-07	6.23E-04	0.00E+00	1.98E-01	3.97E-09	1.98E-01	1.98E-01	6.23E-04	0.00E+00	0.00E+00	0.00E+00	4.00E-04
	B46048	1.76E-05	1.11E-02	4.55E-08	1.11E-02	1.68E-08	0.00E+00	3.25E-01	4.16E-08	3.19E-06	3.50E-05	0.00E+00	4.65E-05	2.18E-12	4.16E-11	3.94E-04	4.76E-05	0.00E+00	0.00E+00	9.32E-06	1.03E-03	1.98E-01	0.00E+00	1.35E-10	1.51E-10	1.13E-05	8.18E-07	6.23E-04	0.00E+00	1.98E-01	3.97E-09	1.98E-01	1.98E-01	6.23E-04	0.00E+00	0.00E+00	0.00E+00	4.00E-04
	B46050	1.82E-05	1.15E-02	4.72E-08	1.15E-02	1.75E-08	0.00E+00	3.37E-01	4.31E-08	3.31E-06	3.63E-05	0.00E+00	4.83E-05	2.26E-12	4.31E-11	4.08E-04	4.94E-05	0.00E+00	0.00E+00	9.68E-06	1.07E-03	2.05E-01	0.00E+00	1.40E-10	1.56E-10	1.17E-05	8.49E-07	6.46E-04	0.00E+00	2.05E-01	4.12E-09	2.05E-01	2.06E-01	6.46E-04	0.00E+00	0.00E+00	0.00E+00	4.16E-04
	B46052	1.82E-05	1.15E-02	4.72E-08	1.15E-02	1.75E-08	0.00E+00	3.37E-01	4.31E-08	3.31E-06	3.63E-05	0.00E+00	4.83E-05	2.26E-12	4.31E-11	4.08E-04	4.94E-05	0.00E+00	0.00E+00	9.68E-06	1.07E-03	2.05E-01	0.00E+00	1.40E-10	1.56E-10	1.17E-05	8.49E-07	6.46E-04	0.00E+00	2.05E-01	4.12E-09	2.05E-01	2.06E-01	6.46E-04	0.00E+00	0.00E+00	0.00E+00	4.16E-04
	B46053	1.82E-05	1.15E-02	4.72E-08	1.15E-02	1.75E-08	0.00E+00	3.37E-01	4.31E-08	3.31E-06	3.63E-05	0.00E+00	4.83E-05	2.26E-12	4.31E-11	4.08E-04	4.94E-05	0.00E+00	0.00E+00	9.68E-06	1.07E-03	2.05E-01	0.00E+00	1.40E-10	1.56E-10	1.17E-05	8.49E-07	6.46E-04	0.00E+00	2.05E-01	4.12E-09	2.05E-01	2.06E-01	6.46E-04	0.00E+00	0.00E+00	0.00E+00	4.16E-04
	B46055	2.32E-05	1.47E-02	6.02E-08	1.47E-02	2.22E-08	0.00E+00	4.29E-01	5.50E-08	4.21E-06	4.62E-05	0.00E+00	6.15E-05	2.88E-12	5.50E-11	5.20E-04	6.29E-05	0.00E+00	0.00E+00	1.23E-05	1.37E-03	2.61E-01	0.00E+00	1.78E-10	1.99E-10	1.49E-05	1.08E-06	8.24E-04	0.00E+00	2.61E-01	5.25E-09	2.61E-01	2.62E-01	8.24E-04	0.00E+00	0.00E+00	0.00E+00	5.30E-04
	B46057	2.32E-05	1.47E-02	6.02E-08	1.47E-02	2.22E-08	0.00E+00	4.29E-01	5.50E-08	4.21E-06	4.62E-05	0.00E+00	6.15E-05	2.88E-12	5.50E-11	5.20E-04	6.29E-05	0.00E+00	0.00E+00	1.23E-05	1.37E-03	2.61E-01	0.00E+00	1.78E-10	1.99E-10	1.49E-05	1.08E-06	8.24E-04	0.00E+00	2.61E-01	5.25E-09	2.61E-01	2.62E-01	8.24E-04	0.00E+00	0.00E+00	0.00E+00	5.30E-04
	B46058	2.32E-05	1.47E-02	6.02E-08	1.47E-02	2.22E-08	0.00E+00	4.29E-01	5.50E-08	4.21E-06	4.62E-05	0.00E+00	6.15E-05	2.88E-12	5.50E-11	5.20E-04	6.29E-05	0.00E+00	0.00E+00	1.23E-05	1.37E-03	2.61E-01	0.00E+00	1.78E-10	1.99E-10	1.49E-05	1.08E-06	8.24E-04	0.00E+00	2.61E-01	5.25E-09	2.61E-01	2.62E-01	8.24E-04	0.00E+00	0.00E+00	0.00E+00	5.30E-04
	B46070	1.57E-05	9.91E-03	4.06E-08	9.91E-03	1.50E-08	0.00E+00	2.89E-01	3.70E-08	2.84E-06	3.11E-05	0.00E+00	4.15E-05	1.94E-12	3.70E-11	3.51E-04	4.24E-05	0.00E+00	0.00E+00	8.31E-06	9.20E-04	1.76E-01	0.00E+00	1.20E-10	1.34E-10	1.01E-05	7.29E-07	5.55E-04	0.00E+00	1.76E-01	3.54E-09	1.76E-01	1.77E-01	5.55E-04	0.00E+00	0.00E+00	0.00E+00	3.57E-04
	B46072	1.57E-05	9.91E-03	4.06E-08	9.91E-03	1.50E-08	0.00E+00	2.89E-01	3.70E-08	2.84E-06	3.11E-05	0.00E+00	4.15E-05	1.94E-12	3.70E-11	3.51E-04	4.24E-05	0.00E+00	0.00E+00	8.31E-06	9.20E-04	1.76E-01	0.00E+00	1.20E-10	1.34E-10	1.01E-05	7.29E-07	5.55E-04	0.00E+00	1.76E-01	3.54E-09	1.76E-01	1.77E-01	5.55E-04	0.00E+00	0.00E+00	0.00E+00	3.57E-04
	B46073	1.57E-05	9.91E-03	4.06E-08	9.91E-03	1.50E-08	0.00E+00	2.89E-01	3.70E-08	2.84E-06	3.11E-05	0.00E+00	4.15E-05	1.94E-12	3.70E-11	3.51E-04	4.24E-05	0.00E+00	0.00E+00	8.31E-06	9.20E-04	1.76E-01	0.00E+00	1.20E-10	1.34E-10	1.01E-05	7.29E-07	5.55E-04	0.00E+00	1.76E-01	3.54E-09	1.76E-01	1.77E-01	5.55E-04	0.00E+00	0.00E+00	0.00E+00	3.57E-04
	B46075	1.75E-05	1.11E-02	4.54E-08	1.11E-02	1.68E-08	0.00E+00	3.23E-01	4.14E-08	3.17E-06	3.48E-05	0.00E+00	4.64E-05	2.17E-12	4.14E-11	3.92E-04	4.74E-05	0.00E+00	0.00E+00	9.29E-06	1.03E-03	1.97E-01	0.00E+00	1.34E-10	1.50E-10	1.13E-05	8.15E-07	6.21E-04	0.00E+00	1.97E-01	3.95E-09	1.97E-01	1.97E-01	6.21E-04	0.00E+00	0.00E+00	0.00E+00	3.99E-04
	B46077	1.75E-05	1.11E-02	4.54E-08	1.11E-02	1.68E-08	0.00E+00	3.23E-01	4.14E-08	3.17E-06	3.48E-05	0.00E+00	4.64E-05	2.17E-12	4.14E-11	3.92E-04	4.74E-05	0.00E+00	0.00E+00	9.29E-06	1.03E-03	1.97E-01	0.00E+00	1.34E-10	1.50E-10	1.13E-05	8.15E-07	6.21E-04	0.00E+00	1.97E-01	3.95E-09	1.97E-01	1.97E-01	6.21E-04	0.00E+00	0.00E+00	0.00E+00	3.99E-04
	B46078	1.75E-05	1.11E-02	4.54E-08	1.11E-02	1.68E-08	0.00E+00	3.23E-01	4.14E-08	3.17E-06	3.48E-05	0.00E+00	4.64E-05	2.17E-12	4.14E-11	3.92E-04	4.74E-05	0.00E+00	0.00E+00	9.29E-06	1.03E-03	1.97E-01	0.00E+00	1.34E-10	1.50E-10	1.13E-05	8.15E-07	6.21E-04	0.00E+00	1.97E-01	3.95E-09	1.97E-01	1.97E-01	6.21E-04	0.00E+00	0.00E+00	0.00E+00	3.99E-04
	B46080	5.44E-06	3.44E-03	1.41E-08	3.44E-03	5.21E-09	0.00E+00	1.00E-01	1.29E-08	9.86E-07	1.08E-05	0.00E+00	1.44E-05	6.74E-13	1.29E-11	1.22E-04	1.47E-05	0.00E+00	0.00E+00	2.89E-06	3.19E-04	6.11E-02	0.00E+00	4.18E-11	4.66E-11	3.50E-06	2.53E-07	1.93E-04	0.00E+00	6.11E-02	1.23E-09	6.11E-02	6.13E-02	1.93E-04	0.00E+00	0.00E+00	0.00E+00	1.24E-04
	B46082	5.44E-06	3.44E-03	1.41E-08	3.44E-03	5.21E-09	0.00E+00	1.00E-01	1.29E-08	9.86E-07	1.08E-05	0.00E+00	1.44E-05	6.74E-13	1.29E-11	1.22E-04	1.47E-05	0.00E+00	0.00E+00	2.89E-06	3.19E-04	6.11E-02	0.00E+00	4.18E-11	4.66E-11	3.50E-06	2.53E-07	1.93E-04	0.00E+00	6.11E-02	1.23E-09	6.11E-02	6.13E-02	1.93E-04	0.00E+00	0.00E+00	0.00E+00	1.24E-04
	B46083	5.44E-06	3.44E-03	1.41E-08	3.44E-03	5.21E-09	0.00E+00	1.00E-01	1.29E-08	9.86E-07	1.08E-05	0.00E+00	1.44E-05	6.74E-13	1.29E-11	1.22E-04	1.47E-05	0.00E+00	0.00E+00	2.89E-06	3.19E-04	6.11E-02	0.00E+00	4.18E-11	4.66E-11	3.50E-06	2.53E-07	1.93E-04	0.00E+00	6.11E-02	1.23E-09	6.11E-02	6.13E-02	1.93E-04	0.00E+00	0.00E+00	0.00E+00	1.24E-04
	B46087	6.83E-06	4.33E-03	1.77E-08	4.33E-03	6.54E-09	0.00E+00	1.26E-01	1.62E-08	1.24E-06	1.36E-05	0.00E+00	1.81E-05	8.48E-13	1.62E-11	1.53E-04	1.85E-05	0.00E+00	0.00E+00	3.63E-06	4.02E-04	7.68E-02	0.00E+00	5.25E-11	5.86E-11	4.40E-06	3.18E-07	2.42E-04	0.00E+00	7.68E-02	1.54E-09	7.68E-02	7.71E-02	2.42E-04	0.00E+00	0.00E+00	0.00E+00	1.56E-04
	B46088	6.83E-06	4.33E-03	1.77E-08	4.33E-03	6.54E-09	0.00E+00	1.26E-01	1.62E-08	1.24E-06	1.36E-05	0.00E+00	1.81E-05	8.48E-13	1.62E-11	1.53E-04	1.85E-05	0.00E+00	0.00E+00	3.63E-06	4.02E-04	7.68E-02	0.00E+00	5.25E-11	5.86E-11	4.40E-06	3.18E-07	2.42E-04	0.00E+00	7.68E-02	1.54E-09	7.68E-02	7.71E-02	2.42E-04	0.00E+00	0.00E+00	0.00E+00	1.56E-04
	B46089	6.83E-06	4.33E-03	1.77E-08	4.33E-03	6.54E-09	0.00E+00	1.26E-01	1.62E-08	1.24E-06	1.36E-05	0.00E+00	1.81E-05	8.48E-13	1.62E-11	1.53E-04	1.85E-05	0.00E+00	0.00E+00	3.63E-06	4.02E-04	7.68E-02	0.00E+00	5.25E-11	5.86E-11	4.40E-06	3.18E-07	2.42E-04	0.00E+00	7.68E-02	1.54E-09	7.68E-02	7.71E-02	2.42E-04	0.00E+00	0.00E+00	0.00E+00	1.56E-04
	B46090	3.49E-06	2.21E-03	9.05E-09	2.21E-03	3.34E-09	0.00E+00	6.45E-02	8.26E-09	6.33E-07	6.95E-06	0.00E+00	9.25E-06	4.33E-13	8.26E-12	7.82E-05	9.46E-06	0.00E+00	0.00E+00	1.85E-06	2.05E-04	3.93E-02	0.00E+00	2.68E-11	3.00E-11	2.25E-06	1.63E-07	1.24E-04	0.00E+00	3.93E-02	7.89E-10	3.93E-02	3.94E-02	1.24E-04	0.00E+00	0.00E+00	0.00E+00	7.96E-05
	B46092	3.49E-06	2.21E-03	9.05E-09	2.21E-03	3.34E-09	0.00E+00	6.45E-02	8.26E-09	6.33E-07	6.95E-06	0.00E+00	9.25E-06	4.33E-13	8.26E-12	7.82E-05	9.46E-06	0.00E+00	0.00E+00	1.85E-06	2.05E-04	3.93E-02	0.00E+00	2.68E-11	3.00E-11	2.25E-06	1.63E-07	1.24E-04	0.00E+00	3.93E-02	7.89E-10	3.93E-02	3.94E-02	1.24E-04	0.00E+00	0.00E+00	0.00E+00	7.96E-05
	B46093	3.49E-06	2.21E-03	9.05E-09	2.21E-03	3.34E-09	0.00E+00	6.45E-02	8.26E-09	6.33E-07	6.95E-06	0.00E+00	9.25E-06	4.33E-13	8.26E-12	7.82E-05	9.46E-06	0.00E+00	0.00E+00	1.85E-06	2.05E-04	3.93E-02	0.00E+00	2.68E-11	3.00E-11	2.25E-06	1.63E-07	1.24E-04	0.00E+00	3.93E-02	7.89E-10	3.93E-02	3.94E-02	1.24E-04	0.00E+00	0.00E+00	0.00E+00	7.96E-05
	B46097	3.98E-06	2.52E-03	1.03E-08	2.52E-03	3.81E-09	0.00E+00	7.36E-02	9.42E-09	7.22E-07	7.93E-06	0.00E+00	1.05E-05	4.94E-13	9.42E-12	8.92E-05	1.08E-05	0.00E+00	0.00E+00	2.11E-06	2.34E-04	4.48E-02	0.00E+00	3.06E-11	3.42E-11	2.56E-06	1.85E-07	1.41E-04	0.00E+00	4.48E-02	9.00E-10	4.48E-02	4.49E-02	1.41E-04	0.00E+00	0.00E+00	0.00E+00	9.08E-05
	B46100	1.31E-06	8.31E-04	3.40E-09	8.31E-04	1.26E-09	0.00E+00	2.42E-02	3.10E-09	2.38E-07	2.61E-06	0.00E+00	3.47E-06	1.63E-13	3.10E-12	2.94E-05	3.55E-06	0.00E+00	0.00E+00	6.96E-07	7.71E-05	1.47E-02	0.00E+00	1.01E-11	1.13E-11	8.44E-07	6.10E-08	4.65E-05	0.00E+00	1.47E-02	2.96E-10	1.47E-02	1.48E-02	4.65E-05	0.00E+00	0.00E+00	0.00E+00	2.99E-05
	B46102	1.31E-06	8.31E-04	3.40E-09	8.31E-04	1.26E-09	0.00E+00	2.42E-02	3.10E-09	2.38E-07	2.61E-06	0.00E+00	3.47E-06	1.63E-13	3.10E-12	2.94E-05	3.55E-06	0.00E+00	0.00E+00	6.96E-07	7.71E-05	1.47E-02	0.00E+00	1.01E-11	1.13E-11	8.44E-07	6.10E-08	4.65E-05	0.00E+00	1.47E-02	2.96E-10	1.47E-02	1.48E-02	4.65E-05	0.00E+00	0.00E+00	0.00E+00	2.99E-05
	B46103	1.31E-06	8.31E-04	3.40E-09	8.31E-04	1.26E-09	0.00E+00	2.42E-02	3.10E-09	2.38E-07	2.61E-06	0.00E+00	3.47E-06	1.63E-13	3.10E-12	2.94E-05	3.55E-06	0.00E+00	0.00E+00	6.96E-07	7.71E-05	1.47E-02	0.00E+00	1.01E-11	1.13E-11	8.44E-07	6.10E-08	4.65E-05	0.00E+00	1.47E-02	2.96E-10	1.47E-02	1.48E-02	4.65E-05	0.00E+00	0.00E+00	0.00E+00	2.99E-05
	B46105	9.68E-06	6.13E-03	2.51E-08	6.13E-03	9.27E-09	0.00E+00	1.79E-01	2.29E-08	1.76E-06	1.93E-05	0.00E+00	2.56E-05	1.20E-12	2.29E-11	2.17E-04	2.62E-05	0.00E+00	0.00E+00	5.14E-06	5.69E-04	1.09E-01	0.00E+00	7.44E-11	8.31E-11	6.23E-06	4.51E-07	3.43E-04	0.00E+00	1.09E-01	2.19E-09	1.09E-01	1.09E-01	3.43E-04	0.00E+00	0.00E+00	0.00E+00	2.21E-04
	B46106	1.91E-05	1.21E-02	4.95E-08	1.21E-02	1.83E-08	0.00E+00	3.53E-01	4.52E-08	3.46E-06	3.80E-05	0.00E+00	5.06E-05	2.37E-12	4.52E-11	4.28E-04	5.17E-05	0.00E+00	0.00E+00	1.01E-05	1.12E-03	2.15E-01	0.00E+00	1.47E-10	1.64E-10	1.23E-05	8.89E-07	6.77E-04	0.00E+00	2.15E-01	4.31E-09	2.15E-01	2.15E-01	6.77E-04	0.00E+00	0.00E+00	0.00E+00	4.35E-04
	B46107	1.11E-05	7.03E-03	2.87E-08	7.03E-03	1.06E-08	0.00E+00	2.05E-01	2.63E-08	2.01E-06	2.21E-05	0.00E+00	2.94E-05	1.38E-12	2.62E-11	2.49E-04	3.01E-05	0.00E+00	0.00E+00	5.89E-06	6.52E-04	1.25E-01	0.00E+00	8.52E-11	9.52E-11	7.14E-06	5.16E-07	3.93E-04	0.00E+00	1.25E-01	2.51E-09	1.25E-01	1.25E-01	3.93E-04	0.00E+00	0.00E+00	0.00E+00	2.53E-04
	B46110	8.84E-06	5.60E-03	2.29E-08	5.60E-03	8.47E-09	0.00E+00	1.63E-01	2.09E-08	1.60E-06	1.76E-05	0.00E+00	2.34E-05	1.10E-12	2.09E-11	1.98E-04	2.39E-05	0.00E+00	0.00E+00	4.69E-06	5.19E-04	9.94E-02	0.00E+00	6.79E-11	7.59E-11	5.69E-06	4.11E-07	3.13E-04	0.00E+00	9.94E-02	2.00E-09	9.94E-02	9.97E-02	3.13E-04	0.00E+00	0.00E+00	0.00E+00	2.02E-04
	B46111	9.57E-06	6.06E-03	2.48E-08	6.06E-03	9.16E-09	0.00E+00	1.77E-01	2.26E-08	1.73E-06	1.90E-05	0.00E+00	2.53E-05	1.19E-12	2.26E-11	2.14E-04	2.59E-05	0.00E+00	0.00E+00	5.08E-06	5.62E-04	1.08E-01	0.00E+00	7.35E-11	8.21E-11	6.15E-06	4.45E-07	3.39E-04	0.00E+00	1.08E-01	2.16E-09	1.08E-01	1.08E-01	3.39E-04	0.00E+00	0.00E+00	0.00E+00	2.18E-04
	B46112	1.83E-05	1.16E-02	4.75E-08	1.16E-02	1.76E-08	0.00E+00	3.39E-01	4.34E-08	3.33E-06	3.65E-05	0.00E+00	4.86E-05	2.28E-12	4.34E-11	4.11E-04	4.97E-05	0.00E+00	0.00E+00	9.74E-06	1.08E-03	2.06E-01	0.00E+00	1.41E-10	1.57E-10	1.18E-05	8.54E-07	6.50E-04	0.00E+00	2.06E-01	4.14E-09	2.06E-01	2.07E-01	6.50E-04	0.00E+00	0.00E+00	0.00E+00	4.18E-04
	B46130	5.81E-06	3.68E-03	1.51E-08	3.68E-03	5.56E-09	0.00E+00	1.07E-01	1.37E-08	1.05E-06	1.16E-05	0.00E+00	1.54E-05	7.21E-13	1.37E-11	1.30E-04	1.57E-05	0.00E+00	0.00E+00	3.08E-06	3.41E-04	6.53E-02	0.00E+00	4.46E-11	4.99E-11	3.74E-06	2.70E-07	2.06E-04	0.00E+00	6.53E-02	1.31E-09	6.53E-02	6.55E-02	2.06E-04	0.00E+00	0.00E+00	0.00E+00	1.32E-04
	B46132	5.81E-06	3.68E-03	1.51E-08	3.68E-03	5.56E-09	0.00E+00	1.07E-01	1.37E-08	1.05E-06	1.16E-05	0.00E+00	1.54E-05	7.21E-13	1.37E-11	1.30E-04	1.57E-05	0.00E+00	0.00E+00	3.08E-06	3.41E-04	6.53E-02	0.00E+00	4.46E-11	4.99E-11	3.74E-06	2.70E-07	2.06E-04	0.00E+00	6.53E-02	1.31E-09	6.53E-02	6.55E-02	2.06E-04	0.00E+00	0.00E+00	0.00E+00	1.32E-04
	B46133	5.81E-06	3.68E-03	1.51E-08	3.68E-03	5.56E-09	0.00E+00	1.07E-01	1.37E-08	1.05E-06	1.16E-05	0.00E+00	1.54E-05	7.21E-13	1.37E-11	1.30E-04	1.57E-05	0.00E+00	0.00E+00	3.08E-06	3.41E-04	6.53E-02	0.00E+00	4.46E-11	4.99E-11	3.74E-06	2.70E-07	2.06E-04	0.00E+00	6.53E-02	1.31E-09	6.53E-02	6.55E-02	2.06E-04	0.00E+00	0.00E+00	0.00E+00	1.32E-04
	B46135	5.50E-06	3.48E-03	1.42E-08	3.48E-03	5.26E-09	0.00E+00	1.02E-01	1.30E-08	9.96E-07	1.09E-05	0.00E+00	1.46E-05	6.82E-13	1.30E-11	1.23E-04	1.49E-05	0.00E+00	0.00E+00	2.92E-06	3.23E-04	6.18E-02	0.00E+00	4.22E-11	4.72E-11	3.53E-06	2.56E-07	1.95E-04	0.00E+00	6.18E-02	1.24E-09	6.18E-02	6.20E-02	1.95E-04	0.00E+00	0.00E+00	0.00E+00	1.25E-04
	B46136	5.50E-06	3.48E-03	1.42E-08	3.48E-03	5.26E-09	0.00E+00	1.02E-01	1.30E-08	9.96E-07	1.09E-05	0.00E+00	1.46E-05	6.82E-13	1.30E-11	1.23E-04	1.49E-05	0.00E+00	0.00E+00	2.92E-06	3.23E-04	6.18E-02	0.00E+00	4.22E-11	4.72E-11	3.53E-06	2.56E-07	1.95E-04	0.00E+00	6.18E-02	1.24E-09	6.18E-02	6.20E-02	1.95E-04	0.00E+00	0.00E+00	0.00E+00	1.25E-04
	B46137	5.50E-06	3.48E-03	1.42E-08	3.48E-03	5.26E-09	0.00E+00	1.02E-01	1.30E-08	9.96E-07	1.09E-05	0.00E+00	1.46E-05	6.82E-13	1.30E-11	1.23E-04	1.49E-05	0.00E+00	0.00E+00	2.92E-06	3.23E-04	6.18E-02	0.00E+00	4.22E-11	4.72E-11	3.53E-06	2.56E-07	1.95E-04	0.00E+00	6.18E-02	1.24E-09	6.18E-02	6.20E-02	1.95E-04	0.00E+00	0.00E+00	0.00E+00	1.25E-04
	B46140	5.91E-06	3.75E-03	1.53E-08	3.75E-03	5.66E-09	0.00E+00	1.09E-01	1.40E-08	1.07E-06	1.18E-05	0.00E+00	1.57E-05	7.34E-13	1.40E-11	1.33E-04	1.60E-05	0.00E+00	0.00E+00	3.14E-06	3.48E-04	6.65E-02	0.00E+00	4.54E-11	5.08E-11	3.80E-06	2.75E-07	2.10E-04	0.00E+00	6.65E-02	1.34E-09	6.65E-02	6.67E-02	2.10E-04	0.00E+00	0.00E+00	0.00E+00	1.35E-04
	B46142	5.91E-06	3.75E-03	1.53E-08	3.75E-03	5.66E-09	0.00E+00	1.09E-01	1.40E-08	1.07E-06	1.18E-05	0.00E+00	1.57E-05	7.34E-13	1.40E-11	1.33E-04	1.60E-05	0.00E+00	0.00E+00	3.14E-06	3.48E-04	6.65E-02	0.00E+00	4.54E-11	5.08E-11	3.80E-06	2.75E-07	2.10E-04	0.00E+00	6.65E-02	1.34E-09	6.65E-02	6.67E-02	2.10E-04	0.00E+00	0.00E+00	0.00E+00	1.35E-04
	B46143	5.91E-06	3.75E-03	1.53E-08	3.75E-03	5.66E-09	0.00E+00	1.09E-01	1.40E-08	1.07E-06	1.18E-05	0.00E+00	1.57E-05	7.34E-13	1.40E-11	1.33E-04	1.60E-05	0.00E+00	0.00E+00	3.14E-06	3.48E-04	6.65E-02	0.00E+00	4.54E-11	5.08E-11	3.80E-06	2.75E-07	2.10E-04	0.00E+00	6.65E-02	1.34E-09	6.65E-02	6.67E-02	2.10E-04	0.00E+00	0.00E+00	0.00E+00	1.35E-04
	B46145	5.99E-06	3.79E-03	1.55E-08	3.79E-03	5.73E-09	0.00E+00	1.11E-01	1.42E-08	1.09E-06	1.19E-05	0.00E+00	1.59E-05	7.43E-13	1.42E-11	1.34E-04	1.62E-05	0.00E+00	0.00E+00	3.18E-06	3.52E-04	6.73E-02	0.00E+00	4.60E-11	5.14E-11	3.85E-06	2.79E-07	2.12E-04	0.00E+00	6.73E-02	1.35E-09	6.73E-02	6.75E-02	2.12E-04	0.00E+00	0.00E+00	0.00E+00	1.36E-04
	B46147	5.99E-06	3.79E-03	1.55E-08	3.79E-03	5.73E-09	0.00E+00	1.11E-01	1.42E-08	1.09E-06	1.19E-05	0.00E+00	1.59E-05	7.43E-13	1.42E-11	1.34E-04	1.62E-05	0.00E+00	0.00E+00	3.18E-06	3.52E-04	6.73E-02	0.00E+00	4.60E-11	5.14E-11	3.85E-06	2.79E-07	2.12E-04	0.00E+00	6.73E-02	1.35E-09	6.73E-02	6.75E-02	2.12E-04	0.00E+00	0.00E+00	0.00E+00	1.36E-04
	B46148	5.99E-06	3.79E-03	1.55E-08	3.79E-03	5.73E-09	0.00E+00	1.11E-01	1.42E-08	1.09E-06	1.19E-05	0.00E+00	1.59E-05	7.43E-13	1.42E-11	1.34E-04	1.62E-05	0.00E+00	0.00E+00	3.18E-06	3.52E-04	6.73E-02	0.00E+00	4.60E-11	5.14E-11	3.85E-06	2.79E-07	2.12E-04	0.00E+00	6.73E-02	1.35E-09	6.73E-02	6.75E-02	2.12E-04	0.00E+00	0.00E+00	0.00E+00	1.36E-04
	G45BLIND19011	2.04E-06	1.29E-03	5.29E-09	1.29E-03	1.96E-09	0.00E+00	3.77E-02	4.84E-09	3.71E-07	4.07E-06	0.00E+00	5.41E-06	2.54E-13	4.83E-12	4.58E-05	5.54E-06	0.00E+00	0.00E+00	1.08E-06	1.20E-04	2.30E-02	0.00E+00	1.57E-11	1.75E-11	1.31E-06	9.51E-08	7.24E-05	0.00E+00	2.30E-02	4.62E-10	2.30E-02	2.30E-02	7.24E-05	0.00E+00	0.00E+00	0.00E+00	4.66E-05
	G45BLIND19016	2.04E-06	1.29E-03	5.29E-09	1.29E-03	1.96E-09	0.00E+00	3.77E-02	4.84E-09	3.71E-07	4.07E-06	0.00E+00	5.41E-06	2.54E-13	4.83E-12	4.58E-05	5.54E-06	0.00E+00	0.00E+00	1.08E-06	1.20E-04	2.30E-02	0.00E+00	1.57E-11	1.75E-11	1.31E-06	9.51E-08	7.24E-05	0.00E+00	2.30E-02	4.62E-10	2.30E-02	2.30E-02	7.24E-05	0.00E+00	0.00E+00	0.00E+00	4.66E-05
	G45BLIND1LAN	2.04E-06	1.29E-03	5.29E-09	1.29E-03	1.96E-09	0.00E+00	3.77E-02	4.84E-09	3.71E-07	4.07E-06	0.00E+00	5.41E-06	2.54E-13	4.83E-12	4.58E-05	5.54E-06	0.00E+00	0.00E+00	1.08E-06	1.20E-04	2.30E-02	0.00E+00	1.57E-11	1.75E-11	1.31E-06	9.51E-08	7.24E-05	0.00E+00	2.30E-02	4.62E-10	2.30E-02	2.30E-02	7.24E-05	0.00E+00	0.00E+00	0.00E+00	4.66E-05
	G45BLIND29011	5.01E-06	3.17E-03	1.30E-08	3.17E-03	4.80E-09	0.00E+00	9.25E-02	1.19E-08	9.08E-07	9.97E-06	0.00E+00	1.33E-05	6.21E-13	1.18E-11	1.12E-04	1.36E-05	0.00E+00	0.00E+00	2.66E-06	2.94E-04	5.63E-02	0.00E+00	3.85E-11	4.30E-11	3.22E-06	2.33E-07	1.78E-04	0.00E+00	5.63E-02	1.13E-09	5.63E-02	5.65E-02	1.78E-04	0.00E+00	0.00E+00	0.00E+00	1.14E-04
	G45BLIND29016	5.01E-06	3.17E-03	1.30E-08	3.17E-03	4.80E-09	0.00E+00	9.25E-02	1.19E-08	9.08E-07	9.97E-06	0.00E+00	1.33E-05	6.21E-13	1.18E-11	1.12E-04	1.36E-05	0.00E+00	0.00E+00	2.66E-06	2.94E-04	5.63E-02	0.00E+00	3.85E-11	4.30E-11	3.22E-06	2.33E-07	1.78E-04	0.00E+00	5.63E-02	1.13E-09	5.63E-02	5.65E-02	1.78E-04	0.00E+00	0.00E+00	0.00E+00	1.14E-04
	G45BLIND2LAN	5.01E-06	3.17E-03	1.30E-08	3.17E-03	4.80E-09	0.00E+00	9.25E-02	1.19E-08	9.08E-07	9.97E-06	0.00E+00	1.33E-05	6.21E-13	1.18E-11	1.12E-04	1.36E-05	0.00E+00	0.00E+00	2.66E-06	2.94E-04	5.63E-02	0.00E+00	3.85E-11	4.30E-11	3.22E-06	2.33E-07	1.78E-04	0.00E+00	5.63E-02	1.13E-09	5.63E-02	5.65E-02	1.78E-04	0.00E+00	0.00E+00	0.00E+00	1.14E-04
	G45DM0119011	5.25E-06	3.33E-03	1.36E-08	3.33E-03	5.03E-09	0.00E+00	9.70E-02	1.24E-08	9.52E-07	1.04E-05	0.00E+00	1.39E-05	6.51E-13	1.24E-11	1.18E-04	1.42E-05	0.00E+00	0.00E+00	2.79E-06	3.09E-04	5.90E-02	0.00E+00	4.03E-11	4.51E-11	3.38E-06	2.44E-07	1.86E-04	0.00E+00	5.90E-02	1.19E-09	5.90E-02	5.92E-02	1.86E-04	0.00E+00	0.00E+00	0.00E+00	1.20E-04
	G45DM0119016	5.25E-06	3.33E-03	1.36E-08	3.33E-03	5.03E-09	0.00E+00	9.70E-02	1.24E-08	9.52E-07	1.04E-05	0.00E+00	1.39E-05	6.51E-13	1.24E-11	1.18E-04	1.42E-05	0.00E+00	0.00E+00	2.79E-06	3.09E-04	5.90E-02	0.00E+00	4.03E-11	4.51E-11	3.38E-06	2.44E-07	1.86E-04	0.00E+00	5.90E-02	1.19E-09	5.90E-02	5.92E-02	1.86E-04	0.00E+00	0.00E+00	0.00E+00	1.20E-04
	G45DM011LAN	5.25E-06	3.33E-03	1.36E-08	3.33E-03	5.03E-09	0.00E+00	9.70E-02	1.24E-08	9.52E-07	1.04E-05	0.00E+00	1.39E-05	6.51E-13	1.24E-11	1.18E-04	1.42E-05	0.00E+00	0.00E+00	2.79E-06	3.09E-04	5.90E-02	0.00E+00	4.03E-11	4.51E-11	3.38E-06	2.44E-07	1.86E-04	0.00E+00	5.90E-02	1.19E-09	5.90E-02	5.92E-02	1.86E-04	0.00E+00	0.00E+00	0.00E+00	1.20E-04
	G45DM0129011	5.13E-06	3.25E-03	1.33E-08	3.25E-03	4.92E-09	0.00E+00	9.48E-02	1.21E-08	9.31E-07	1.02E-05	0.00E+00	1.36E-05	6.37E-13	1.21E-11	1.15E-04	1.39E-05	0.00E+00	0.00E+00	2.72E-06	3.02E-04	5.77E-02	0.00E+00	3.94E-11	4.40E-11	3.30E-06	2.39E-07	1.82E-04	0.00E+00	5.77E-02	1.16E-09	5.77E-02	5.79E-02	1.82E-04	0.00E+00	0.00E+00	0.00E+00	1.17E-04

	G45DM0129016	5.13E-06	3.25E-03	1.33E-08	3.25E-03	4.92E-09	0.00E+00	9.48E-02	1.21E-08	9.31E-07	1.02E-05	0.00E+00	1.36E-05	6.37E-13	1.21E-11	1.15E-04	1.39E-05	0.00E+00	0.00E+00	2.72E-06	3.02E-04	5.77E-02	0.00E+00	3.94E-11	4.40E-11	3.30E-06	2.39E-07	1.82E-04	0.00E+00	5.77E-02	1.16E-09	5.77E-02	5.79E-02	1.82E-04	0.00E+00	0.00E+00	0.00E+00	1.17E-04
	G45DM012LAN	4.72E-06	2.99E-03	1.22E-08	2.99E-03	4.52E-09	0.00E+00	8.73E-02	1.12E-08	8.57E-07	9.40E-06	0.00E+00	1.25E-05	5.86E-13	1.12E-11	1.06E-04	1.28E-05	0.00E+00	0.00E+00	2.51E-06	2.78E-04	5.31E-02	0.00E+00	3.63E-11	4.05E-11	3.04E-06	2.20E-07	1.67E-04	0.00E+00	5.31E-02	1.07E-09	5.31E-02	5.33E-02	1.67E-04	0.00E+00	0.00E+00	0.00E+00	1.08E-04
	G45DM0519011	6.03E-06	3.82E-03	1.56E-08	3.82E-03	5.78E-09	0.00E+00	1.11E-01	1.43E-08	1.09E-06	1.20E-05	0.00E+00	1.60E-05	7.48E-13	1.43E-11	1.35E-04	1.63E-05	0.00E+00	0.00E+00	3.20E-06	3.54E-04	6.78E-02	0.00E+00	4.63E-11	5.18E-11	3.88E-06	2.81E-07	2.14E-04	0.00E+00	6.78E-02	1.36E-09	6.78E-02	6.80E-02	2.14E-04	0.00E+00	0.00E+00	0.00E+00	1.38E-04
	G45DM0519016	6.03E-06	3.82E-03	1.56E-08	3.82E-03	5.78E-09	0.00E+00	1.11E-01	1.43E-08	1.09E-06	1.20E-05	0.00E+00	1.60E-05	7.48E-13	1.43E-11	1.35E-04	1.63E-05	0.00E+00	0.00E+00	3.20E-06	3.54E-04	6.78E-02	0.00E+00	4.63E-11	5.18E-11	3.88E-06	2.81E-07	2.14E-04	0.00E+00	6.78E-02	1.36E-09	6.78E-02	6.80E-02	2.14E-04	0.00E+00	0.00E+00	0.00E+00	1.38E-04
	G45DM051LAN	6.03E-06	3.82E-03	1.56E-08	3.82E-03	5.78E-09	0.00E+00	1.11E-01	1.43E-08	1.09E-06	1.20E-05	0.00E+00	1.60E-05	7.48E-13	1.43E-11	1.35E-04	1.63E-05	0.00E+00	0.00E+00	3.20E-06	3.54E-04	6.78E-02	0.00E+00	4.63E-11	5.18E-11	3.88E-06	2.81E-07	2.14E-04	0.00E+00	6.78E-02	1.36E-09	6.78E-02	6.80E-02	2.14E-04	0.00E+00	0.00E+00	0.00E+00	1.38E-04
	G45DM0529011	5.20E-06	3.30E-03	1.35E-08	3.30E-03	4.98E-09	0.00E+00	9.61E-02	1.23E-08	9.43E-07	1.04E-05	0.00E+00	1.38E-05	6.46E-13	1.23E-11	1.17E-04	1.41E-05	0.00E+00	0.00E+00	2.76E-06	3.06E-04	5.85E-02	0.00E+00	4.00E-11	4.47E-11	3.35E-06	2.42E-07	1.84E-04	0.00E+00	5.85E-02	1.18E-09	5.85E-02	5.87E-02	1.84E-04	0.00E+00	0.00E+00	0.00E+00	1.19E-04
	G45DM0529016	5.20E-06	3.30E-03	1.35E-08	3.30E-03	4.98E-09	0.00E+00	9.61E-02	1.23E-08	9.43E-07	1.04E-05	0.00E+00	1.38E-05	6.46E-13	1.23E-11	1.17E-04	1.41E-05	0.00E+00	0.00E+00	2.76E-06	3.06E-04	5.85E-02	0.00E+00	4.00E-11	4.47E-11	3.35E-06	2.42E-07	1.84E-04	0.00E+00	5.85E-02	1.18E-09	5.85E-02	5.87E-02	1.84E-04	0.00E+00	0.00E+00	0.00E+00	1.19E-04
	G45DM052LAN	5.20E-06	3.30E-03	1.35E-08	3.30E-03	4.98E-09	0.00E+00	9.61E-02	1.23E-08	9.43E-07	1.04E-05	0.00E+00	1.38E-05	6.46E-13	1.23E-11	1.17E-04	1.41E-05	0.00E+00	0.00E+00	2.76E-06	3.06E-04	5.85E-02	0.00E+00	4.00E-11	4.47E-11	3.35E-06	2.42E-07	1.84E-04	0.00E+00	5.85E-02	1.18E-09	5.85E-02	5.87E-02	1.84E-04	0.00E+00	0.00E+00	0.00E+00	1.19E-04
	G45MM0119011	5.03E-06	3.18E-03	1.30E-08	3.18E-03	4.81E-09	0.00E+00	9.29E-02	1.19E-08	9.12E-07	1.00E-05	0.00E+00	1.33E-05	6.24E-13	1.19E-11	1.13E-04	1.36E-05	0.00E+00	0.00E+00	2.67E-06	2.95E-04	5.65E-02	0.00E+00	3.86E-11	4.31E-11	3.23E-06	2.34E-07	1.78E-04	0.00E+00	5.65E-02	1.14E-09	5.65E-02	5.67E-02	1.78E-04	0.00E+00	0.00E+00	0.00E+00	1.15E-04
	G45MM0119016	5.03E-06	3.18E-03	1.30E-08	3.18E-03	4.81E-09	0.00E+00	9.29E-02	1.19E-08	9.12E-07	1.00E-05	0.00E+00	1.33E-05	6.24E-13	1.19E-11	1.13E-04	1.36E-05	0.00E+00	0.00E+00	2.67E-06	2.95E-04	5.65E-02	0.00E+00	3.86E-11	4.31E-11	3.23E-06	2.34E-07	1.78E-04	0.00E+00	5.65E-02	1.14E-09	5.65E-02	5.67E-02	1.78E-04	0.00E+00	0.00E+00	0.00E+00	1.15E-04
	G45MM011LAN	5.03E-06	3.18E-03	1.30E-08	3.18E-03	4.81E-09	0.00E+00	9.29E-02	1.19E-08	9.12E-07	1.00E-05	0.00E+00	1.33E-05	6.24E-13	1.19E-11	1.13E-04	1.36E-05	0.00E+00	0.00E+00	2.67E-06	2.95E-04	5.65E-02	0.00E+00	3.86E-11	4.31E-11	3.23E-06	2.34E-07	1.78E-04	0.00E+00	5.65E-02	1.14E-09	5.65E-02	5.67E-02	1.78E-04	0.00E+00	0.00E+00	0.00E+00	1.15E-04
	G45MM0129011	4.71E-06	2.98E-03	1.22E-08	2.98E-03	4.51E-09	0.00E+00	8.71E-02	1.12E-08	8.55E-07	9.38E-06	0.00E+00	1.25E-05	5.85E-13	1.11E-11	1.06E-04	1.28E-05	0.00E+00	0.00E+00	2.50E-06	2.77E-04	5.30E-02	0.00E+00	3.62E-11	4.04E-11	3.03E-06	2.19E-07	1.67E-04	0.00E+00	5.30E-02	1.06E-09	5.30E-02	5.32E-02	1.67E-04	0.00E+00	0.00E+00	0.00E+00	1.07E-04
	G45MM0129016	4.71E-06	2.98E-03	1.22E-08	2.98E-03	4.51E-09	0.00E+00	8.71E-02	1.12E-08	8.55E-07	9.38E-06	0.00E+00	1.25E-05	5.85E-13	1.11E-11	1.06E-04	1.28E-05	0.00E+00	0.00E+00	2.50E-06	2.77E-04	5.30E-02	0.00E+00	3.62E-11	4.04E-11	3.03E-06	2.19E-07	1.67E-04	0.00E+00	5.30E-02	1.06E-09	5.30E-02	5.32E-02	1.67E-04	0.00E+00	0.00E+00	0.00E+00	1.07E-04
	G45MM012LAN	4.71E-06	2.98E-03	1.22E-08	2.98E-03	4.51E-09	0.00E+00	8.71E-02	1.12E-08	8.55E-07	9.38E-06	0.00E+00	1.25E-05	5.85E-13	1.11E-11	1.06E-04	1.28E-05	0.00E+00	0.00E+00	2.50E-06	2.77E-04	5.30E-02	0.00E+00	3.62E-11	4.04E-11	3.03E-06	2.19E-07	1.67E-04	0.00E+00	5.30E-02	1.06E-09	5.30E-02	5.32E-02	1.67E-04	0.00E+00	0.00E+00	0.00E+00	1.07E-04
	G45MM0519011	5.66E-06	3.59E-03	1.47E-08	3.59E-03	5.42E-09	0.00E+00	1.05E-01	1.34E-08	1.03E-06	1.13E-05	0.00E+00	1.50E-05	7.02E-13	1.34E-11	1.27E-04	1.53E-05	0.00E+00	0.00E+00	3.01E-06	3.33E-04	6.37E-02	0.00E+00	4.35E-11	4.86E-11	3.64E-06	2.64E-07	2.01E-04	0.00E+00	6.37E-02	1.28E-09	6.37E-02	6.39E-02	2.01E-04	0.00E+00	0.00E+00	0.00E+00	1.29E-04
	G45MM0519016	5.66E-06	3.59E-03	1.47E-08	3.59E-03	5.42E-09	0.00E+00	1.05E-01	1.34E-08	1.03E-06	1.13E-05	0.00E+00	1.50E-05	7.02E-13	1.34E-11	1.27E-04	1.53E-05	0.00E+00	0.00E+00	3.01E-06	3.33E-04	6.37E-02	0.00E+00	4.35E-11	4.86E-11	3.64E-06	2.64E-07	2.01E-04	0.00E+00	6.37E-02	1.28E-09	6.37E-02	6.39E-02	2.01E-04	0.00E+00	0.00E+00	0.00E+00	1.29E-04
	G45MM051LAN	5.66E-06	3.59E-03	1.47E-08	3.59E-03	5.42E-09	0.00E+00	1.05E-01	1.34E-08	1.03E-06	1.13E-05	0.00E+00	1.50E-05	7.02E-13	1.34E-11	1.27E-04	1.53E-05	0.00E+00	0.00E+00	3.01E-06	3.33E-04	6.37E-02	0.00E+00	4.35E-11	4.86E-11	3.64E-06	2.64E-07	2.01E-04	0.00E+00	6.37E-02	1.28E-09	6.37E-02	6.39E-02	2.01E-04	0.00E+00	0.00E+00	0.00E+00	1.29E-04
	G45MM0529011	4.94E-06	3.13E-03	1.28E-08	3.13E-03	4.73E-09	0.00E+00	9.12E-02	1.17E-08	8.95E-07	9.83E-06	0.00E+00	1.31E-05	6.13E-13	1.17E-11	1.11E-04	1.34E-05	0.00E+00	0.00E+00	2.62E-06	2.90E-04	5.55E-02	0.00E+00	3.79E-11	4.24E-11	3.18E-06	2.30E-07	1.75E-04	0.00E+00	5.55E-02	1.12E-09	5.55E-02	5.57E-02	1.75E-04	0.00E+00	0.00E+00	0.00E+00	1.13E-04
	G45MM0529016	4.94E-06	3.13E-03	1.28E-08	3.13E-03	4.73E-09	0.00E+00	9.12E-02	1.17E-08	8.95E-07	9.83E-06	0.00E+00	1.31E-05	6.13E-13	1.17E-11	1.11E-04	1.34E-05	0.00E+00	0.00E+00	2.62E-06	2.90E-04	5.55E-02	0.00E+00	3.79E-11	4.24E-11	3.18E-06	2.30E-07	1.75E-04	0.00E+00	5.55E-02	1.12E-09	5.55E-02	5.57E-02	1.75E-04	0.00E+00	0.00E+00	0.00E+00	1.13E-04
	G45MM052LAN	4.94E-06	3.13E-03	1.28E-08	3.13E-03	4.73E-09	0.00E+00	9.12E-02	1.17E-08	8.95E-07	9.83E-06	0.00E+00	1.31E-05	6.13E-13	1.17E-11	1.11E-04	1.34E-05	0.00E+00	0.00E+00	2.62E-06	2.90E-04	5.55E-02	0.00E+00	3.79E-11	4.24E-11	3.18E-06	2.30E-07	1.75E-04	0.00E+00	5.55E-02	1.12E-09	5.55E-02	5.57E-02	1.75E-04	0.00E+00	0.00E+00	0.00E+00	1.13E-04
	G45MM3019011	1.31E-06	8.31E-04	3.40E-09	8.31E-04	1.26E-09	0.00E+00	2.42E-02	3.10E-09	2.38E-07	2.61E-06	0.00E+00	3.47E-06	1.63E-13	3.10E-12	2.94E-05	3.55E-06	0.00E+00	0.00E+00	6.96E-07	7.71E-05	1.47E-02	0.00E+00	1.01E-11	1.13E-11	8.44E-07	6.10E-08	4.65E-05	0.00E+00	1.47E-02	2.96E-10	1.47E-02	1.48E-02	4.65E-05	0.00E+00	0.00E+00	0.00E+00	2.99E-05
	G45MM3019016	1.31E-06	8.31E-04	3.40E-09	8.31E-04	1.26E-09	0.00E+00	2.42E-02	3.10E-09	2.38E-07	2.61E-06	0.00E+00	3.47E-06	1.63E-13	3.10E-12	2.94E-05	3.55E-06	0.00E+00	0.00E+00	6.96E-07	7.71E-05	1.47E-02	0.00E+00	1.01E-11	1.13E-11	8.44E-07	6.10E-08	4.65E-05	0.00E+00	1.47E-02	2.96E-10	1.47E-02	1.48E-02	4.65E-05	0.00E+00	0.00E+00	0.00E+00	2.99E-05
	G45MM301LAN	1.31E-06	8.31E-04	3.40E-09	8.31E-04	1.26E-09	0.00E+00	2.42E-02	3.10E-09	2.38E-07	2.61E-06	0.00E+00	3.47E-06	1.63E-13	3.10E-12	2.94E-05	3.55E-06	0.00E+00	0.00E+00	6.96E-07	7.71E-05	1.47E-02	0.00E+00	1.01E-11	1.13E-11	8.44E-07	6.10E-08	4.65E-05	0.00E+00	1.47E-02	2.96E-10	1.47E-02	1.48E-02	4.65E-05	0.00E+00	0.00E+00	0.00E+00	2.99E-05
	G45MSET019016	9.68E-06	6.13E-03	2.51E-08	6.13E-03	9.27E-09	0.00E+00	1.79E-01	2.29E-08	1.76E-06	1.93E-05	0.00E+00	2.56E-05	1.20E-12	2.29E-11	2.17E-04	2.62E-05	0.00E+00	0.00E+00	5.14E-06	5.69E-04	1.09E-01	0.00E+00	7.44E-11	8.31E-11	6.23E-06	4.51E-07	3.43E-04	0.00E+00	1.09E-01	2.19E-09	1.09E-01	1.09E-01	3.43E-04	0.00E+00	0.00E+00	0.00E+00	2.21E-04
	G45MSET029016	1.11E-05	7.03E-03	2.87E-08	7.03E-03	1.06E-08	0.00E+00	2.05E-01	2.63E-08	2.01E-06	2.21E-05	0.00E+00	2.94E-05	1.38E-12	2.62E-11	2.49E-04	3.01E-05	0.00E+00	0.00E+00	5.89E-06	6.52E-04	1.25E-01	0.00E+00	8.52E-11	9.52E-11	7.14E-06	5.16E-07	3.93E-04	0.00E+00	1.25E-01	2.51E-09	1.25E-01	1.25E-01	3.93E-04	0.00E+00	0.00E+00	0.00E+00	2.53E-04
	G45MSET039016	1.91E-05	1.21E-02	4.95E-08	1.21E-02	1.83E-08	0.00E+00	3.53E-01	4.52E-08	3.46E-06	3.80E-05	0.00E+00	5.06E-05	2.37E-12	4.52E-11	4.28E-04	5.17E-05	0.00E+00	0.00E+00	1.01E-05	1.12E-03	2.15E-01	0.00E+00	1.47E-10	1.64E-10	1.23E-05	8.89E-07	6.77E-04	0.00E+00	2.15E-01	4.31E-09	2.15E-01	2.15E-01	6.77E-04	0.00E+00	0.00E+00	0.00E+00	4.35E-04
	GKWHO	3.27E-06	2.07E-03	8.47E-09	2.07E-03	3.13E-09	0.00E+00	6.04E-02	7.74E-09	5.93E-07	6.51E-06	0.00E+00	8.66E-06	4.06E-13	7.74E-12	7.32E-05	8.86E-06	0.00E+00	0.00E+00	1.74E-06	1.92E-04	3.68E-02	0.00E+00	2.51E-11	2.81E-11	2.10E-06	1.52E-07	1.16E-04	0.00E+00	3.68E-02	7.38E-10	3.68E-02	3.69E-02	1.16E-04	0.00E+00	0.00E+00	0.00E+00	7.45E-05
	GKWHP	2.26E-06	1.43E-03	5.87E-09	1.43E-03	2.17E-09	0.00E+00	4.18E-02	5.36E-09	4.10E-07	4.50E-06	0.00E+00	6.00E-06	2.81E-13	5.36E-12	5.07E-05	6.13E-06	0.00E+00	0.00E+00	1.20E-06	1.33E-04	2.55E-02	0.00E+00	1.74E-11	1.94E-11	1.46E-06	1.05E-07	8.03E-05	0.00E+00	2.55E-02	5.11E-10	2.55E-02	2.55E-02	8.03E-05	0.00E+00	0.00E+00	0.00E+00	5.16E-05
	GKWHQ	1.92E-06	1.21E-03	4.97E-09	1.21E-03	1.84E-09	0.00E+00	3.54E-02	4.53E-09	3.47E-07	3.81E-06	0.00E+00	5.08E-06	2.38E-13	4.53E-12	4.29E-05	5.19E-06	0.00E+00	0.00E+00	1.02E-06	1.13E-04	2.15E-02	0.00E+00	1.47E-11	1.64E-11	1.23E-06	8.92E-08	6.79E-05	0.00E+00	2.15E-02	4.33E-10	2.15E-02	2.16E-02	6.79E-05	0.00E+00	0.00E+00	0.00E+00	4.37E-05
	GMDSDP	9.57E-06	6.06E-03	2.48E-08	6.06E-03	9.16E-09	0.00E+00	1.77E-01	2.26E-08	1.73E-06	1.90E-05	0.00E+00	2.53E-05	1.19E-12	2.26E-11	2.14E-04	2.59E-05	0.00E+00	0.00E+00	5.08E-06	5.62E-04	1.08E-01	0.00E+00	7.35E-11	8.21E-11	6.15E-06	4.45E-07	3.39E-04	0.00E+00	1.08E-01	2.16E-09	1.08E-01	1.08E-01	3.39E-04	0.00E+00	0.00E+00	0.00E+00	2.18E-04
	GMDSHDMI	8.84E-06	5.60E-03	2.29E-08	5.60E-03	8.47E-09	0.00E+00	1.63E-01	2.09E-08	1.60E-06	1.76E-05	0.00E+00	2.34E-05	1.10E-12	2.09E-11	1.98E-04	2.39E-05	0.00E+00	0.00E+00	4.69E-06	5.19E-04	9.94E-02	0.00E+00	6.79E-11	7.59E-11	5.69E-06	4.11E-07	3.13E-04	0.00E+00	9.94E-02	2.00E-09	9.94E-02	9.97E-02	3.13E-04	0.00E+00	0.00E+00	0.00E+00	2.02E-04
	GMDSVGA	1.83E-05	1.16E-02	4.75E-08	1.16E-02	1.76E-08	0.00E+00	3.39E-01	4.34E-08	3.33E-06	3.65E-05	0.00E+00	4.86E-05	2.28E-12	4.34E-11	4.11E-04	4.97E-05	0.00E+00	0.00E+00	9.74E-06	1.08E-03	2.06E-01	0.00E+00	1.41E-10	1.57E-10	1.18E-05	8.54E-07	6.50E-04	0.00E+00	2.06E-01	4.14E-09	2.06E-01	2.07E-01	6.50E-04	0.00E+00	0.00E+00	0.00E+00	4.18E-04
Installation A5	B46040	1.05E-04	8.29E-02	4.97E-02	3.31E-02	2.46E-10	0.00E+00	4.67E-01	4.58E-07	4.29E-05	3.15E-04	0.00E+00	1.86E-03	3.66E-09	1.01E-10	4.76E-03	1.10E-04	2.75E-03	2.50E-02	2.22E-04	9.58E-03	3.42E-01	0.00E+00	4.86E-10	6.15E-10	7.18E-05	2.18E-06	4.60E-02	0.00E+00	3.42E-01	1.74E-09	3.42E-01	3.88E-01	4.60E-02	0.00E+00	0.00E+00	0.00E+00	2.89E-03
	B46042	1.04E-04	8.26E-02	4.96E-02	3.30E-02	2.46E-10	0.00E+00	4.66E-01	4.56E-07	4.27E-05	3.14E-04	0.00E+00	1.85E-03	3.64E-09	1.01E-10	4.75E-03	1.10E-04	2.74E-03	2.49E-02	2.21E-04	9.55E-03	3.41E-01	0.00E+00	4.85E-10	6.13E-10	7.15E-05	2.17E-06	4.58E-02	0.00E+00	3.41E-01	1.74E-09	3.41E-01	3.87E-01	4.58E-02	0.00E+00	0.00E+00	0.00E+00	2.88E-03
	B46043	1.04E-04	8.26E-02	4.96E-02	3.30E-02	2.46E-10	0.00E+00	4.66E-01	4.56E-07	4.27E-05	3.14E-04	0.00E+00	1.85E-03	3.64E-09	1.01E-10	4.75E-03	1.10E-04	2.74E-03	2.49E-02	2.21E-04	9.55E-03	3.41E-01	0.00E+00	4.85E-10	6.13E-10	7.15E-05	2.17E-06	4.58E-02	0.00E+00	3.41E-01	1.74E-09	3.41E-01	3.87E-01	4.58E-02	0.00E+00	0.00E+00	0.00E+00	2.88E-03
	B46045	1.04E-04	8.23E-02	4.94E-02	3.29E-02	2.45E-10	0.00E+00	4.64E-01	4.55E-07	4.26E-05	3.13E-04	0.00E+00	1.84E-03	3.63E-09	1.01E-10	4.73E-03	1.10E-04	2.73E-03	2.48E-02	2.20E-04	9.51E-03	3.40E-01	0.00E+00	4.83E-10	6.11E-10	7.13E-05	2.17E-06	4.57E-02	0.00E+00	3.40E-01	1.73E-09	3.40E-01	3.86E-01	4.57E-02	0.00E+00	0.00E+00	0.00E+00	2.87E-03
	B46047	1.08E-04	8.30E-02	4.94E-02	3.36E-02	2.80E-10	0.00E+00	4.76E-01	4.59E-07	4.34E-05	3.23E-04	0.00E+00	2.11E-03	3.63E-09	1.05E-10	5.23E-03	1.24E-04	3.43E-03	2.56E-02	2.22E-04	9.60E-03	3.53E-01	0.00E+00	5.01E-10	6.38E-10	7.34E-05	2.19E-06	4.78E-02	0.00E+00	3.53E-01	1.88E-09	3.53E-01	4.00E-01	4.78E-02	0.00E+00	0.00E+00	0.00E+00	2.96E-03
	B46048	1.08E-04	8.30E-02	4.94E-02	3.36E-02	2.80E-10	0.00E+00	4.76E-01	4.59E-07	4.34E-05	3.23E-04	0.00E+00	2.11E-03	3.63E-09	1.05E-10	5.23E-03	1.24E-04	3.43E-03	2.56E-02	2.22E-04	9.60E-03	3.53E-01	0.00E+00	5.01E-10	6.38E-10	7.34E-05	2.19E-06	4.78E-02	0.00E+00	3.53E-01	1.88E-09	3.53E-01	4.00E-01	4.78E-02	0.00E+00	0.00E+00	0.00E+00	2.96E-03
	B46050	1.04E-04	8.23E-02	4.94E-02	3.29E-02	2.45E-10	0.00E+00	4.64E-01	4.55E-07	4.26E-05	3.13E-04	0.00E+00	1.84E-03	3.63E-09	1.01E-10	4.73E-03	1.10E-04	2.73E-03	2.48E-02	2.20E-04	9.51E-03	3.40E-01	0.00E+00	4.83E-10	6.11E-10	7.13E-05	2.17E-06	4.57E-02	0.00E+00	3.40E-01	1.73E-09	3.40E-01	3.86E-01	4.57E-02	0.00E+00	0.00E+00	0.00E+00	2.87E-03
	B46052	1.04E-04	8.23E-02	4.94E-02	3.29E-02	2.45E-10	0.00E+00	4.64E-01	4.55E-07	4.26E-05	3.13E-04	0.00E+00	1.84E-03	3.63E-09	1.01E-10	4.73E-03	1.10E-04	2.73E-03	2.48E-02	2.20E-04	9.51E-03	3.40E-01	0.00E+00	4.83E-10	6.11E-10	7.13E-05	2.17E-06	4.57E-02	0.00E+00	3.40E-01	1.73E-09	3.40E-01	3.86E-01	4.57E-02	0.00E+00	0.00E+00	0.00E+00	2.87E-03
	B46053	1.04E-04	8.23E-02	4.94E-02	3.29E-02	2.45E-10	0.00E+00	4.64E-01	4.55E-07	4.26E-05	3.13E-04	0.00E+00	1.84E-03	3.63E-09	1.01E-10	4.73E-03	1.10E-04	2.73E-03	2.48E-02	2.20E-04	9.51E-03	3.40E-01	0.00E+00	4.83E-10	6.11E-10	7.13E-05	2.17E-06	4.57E-02	0.00E+00	3.40E-01	1.73E-09	3.40E-01	3.86E-01	4.57E-02	0.00E+00	0.00E+00	0.00E+00	2.87E-03
	B46055	1.08E-04	8.30E-02	4.94E-02	3.36E-02	2.80E-10	0.00E+00	4.76E-01	4.59E-07	4.34E-05	3.23E-04	0.00E+00	2.11E-03	3.63E-09	1.05E-10	5.23E-03	1.24E-04	3.43E-03	2.56E-02	2.22E-04	9.60E-03	3.53E-01	0.00E+00	5.01E-10	6.38E-10	7.34E-05	2.19E-06	4.78E-02	0.00E+00	3.53E-01	1.88E-09	3.53E-01	4.00E-01	4.78E-02	0.00E+00	0.00E+00	0.00E+00	2.96E-03
	B46057	1.08E-04	8.30E-02	4.94E-02	3.36E-02	2.80E-10	0.00E+00	4.76E-01	4.59E-07	4.34E-05	3.23E-04	0.00E+00	2.11E-03	3.63E-09	1.05E-10	5.23E-03	1.24E-04	3.43E-03	2.56E-02	2.22E-04	9.60E-03	3.53E-01	0.00E+00	5.01E-10	6.38E-10	7.34E-05	2.19E-06	4.78E-02	0.00E+00	3.53E-01	1.88E-09	3.53E-01	4.00E-01	4.78E-02	0.00E+00	0.00E+00	0.00E+00	2.96E-03
	B46058	1.08E-04	8.30E-02	4.94E-02	3.36E-02	2.80E-10	0.00E+00	4.76E-01	4.59E-07	4.34E-05	3.23E-04	0.00E+00	2.11E-03	3.63E-09	1.05E-10	5.23E-03	1.24E-04	3.43E-03	2.56E-02	2.22E-04	9.60E-03	3.53E-01	0.00E+00	5.01E-10	6.38E-10	7.34E-05	2.19E-06	4.78E-02	0.00E+00	3.53E-01	1.88E-09	3.53E-01	4.00E-01	4.78E-02	0.00E+00	0.00E+00	0.00E+00	2.96E-03
	B46070	1.04E-04	8.23E-02	4.94E-02	3.29E-02	2.45E-10	0.00E+00	4.64E-01	4.55E-07	4.26E-05	3.13E-04	0.00E+00	1.84E-03	3.63E-09	1.01E-10	4.73E-03	1.10E-04	2.73E-03	2.48E-02	2.20E-04	9.51E-03	3.40E-01	0.00E+00	4.83E-10	6.11E-10	7.13E-05	2.17E-06	4.57E-02	0.00E+00	3.40E-01	1.73E-09	3.40E-01	3.86E-01	4.57E-02	0.00E+00	0.00E+00	0.00E+00	2.87E-03
	B46072	1.04E-04	8.23E-02	4.94E-02	3.29E-02	2.45E-10	0.00E+00	4.64E-01	4.55E-07	4.26E-05	3.13E-04	0.00E+00	1.84E-03	3.63E-09	1.01E-10	4.73E-03	1.10E-04	2.73E-03	2.48E-02	2.20E-04	9.51E-03	3.40E-01	0.00E+00	4.83E-10	6.11E-10	7.13E-05	2.17E-06	4.57E-02	0.00E+00	3.40E-01	1.73E-09	3.40E-01	3.86E-01	4.57E-02	0.00E+00	0.00E+00	0.00E+00	2.87E-03
	B46073	1.04E-04	8.23E-02	4.94E-02	3.29E-02	2.45E-10	0.00E+00	4.64E-01	4.55E-07	4.26E-05	3.13E-04	0.00E+00	1.84E-03	3.63E-09	1.01E-10	4.73E-03	1.10E-04	2.73E-03	2.48E-02	2.20E-04	9.51E-03	3.40E-01	0.00E+00	4.83E-10	6.11E-10	7.13E-05	2.17E-06	4.57E-02	0.00E+00	3.40E-01	1.73E-09	3.40E-01	3.86E-01	4.57E-02	0.00E+00	0.00E+00	0.00E+00	2.87E-03
	B46075	1.04E-04	8.26E-02	4.96E-02	3.30E-02	2.46E-10	0.00E+00	4.66E-01	4.56E-07	4.27E-05	3.14E-04	0.00E+00	1.85E-03	3.64E-09	1.01E-10	4.75E-03	1.10E-04	2.74E-03	2.49E-02	2.21E-04	9.55E-03	3.41E-01	0.00E+00	4.85E-10	6.13E-10	7.15E-05	2.17E-06	4.58E-02	0.00E+00	3.41E-01	1.74E-09	3.41E-01	3.87E-01	4.58E-02	0.00E+00	0.00E+00	0.00E+00	2.88E-03
	B46077	1.04E-04	8.26E-02	4.96E-02	3.30E-02	2.46E-10	0.00E+00	4.66E-01	4.56E-07	4.27E-05	3.14E-04	0.00E+00	1.85E-03	3.64E-09	1.01E-10	4.75E-03	1.10E-04	2.74E-03	2.49E-02	2.21E-04	9.55E-03	3.41E-01	0.00E+00	4.85E-10	6.13E-10	7.15E-05	2.17E-06	4.58E-02	0.00E+00	3.41E-01	1.74E-09	3.41E-01	3.87E-01	4.58E-02	0.00E+00	0.00E+00	0.00E+00	2.88E-03
	B46078	1.04E-04	8.26E-02	4.96E-02	3.30E-02	2.46E-10	0.00E+00	4.66E-01	4.56E-07	4.27E-05	3.14E-04	0.00E+00	1.85E-03	3.64E-09	1.01E-10	4.75E-03	1.10E-04	2.74E-03	2.49E-02	2.21E-04	9.55E-03	3.41E-01	0.00E+00	4.85E-10	6.13E-10	7.15E-05	2.17E-06	4.58E-02	0.00E+00	3.41E-01	1.74E-09	3.41E-01	3.87E-01	4.58E-02	0.00E+00	0.00E+00	0.00E+00	2.88E-03
	B46080	3.44E-05	2.86E-02	1.57E-02	1.29E-02	7.54E-11	0.00E+00	1.66E-01	1.57E-07	1.60E-05	1.03E-04	0.00E+00	2.90E-04	1.26E-09	3.55E-11	1.52E-03	3.09E-05	2.34E-07	8.62E-03	7.60E-05	4.21E-03	1.12E-01	0.00E+00	1.56E-10	2.00E-10	2.40E-05	7.35E-07	1.53E-02	0.00E+00	1.12E-01	5.54E-10	1.12E-01	1.28E-01	1.53E-02	0.00E+00	0.00E+00	0.00E+00	9.68E-04
	B46082	3.44E-05	2.86E-02	1.57E-02	1.29E-02	7.54E-11	0.00E+00	1.66E-01	1.57E-07	1.60E-05	1.03E-04	0.00E+00	2.90E-04	1.26E-09	3.55E-11	1.52E-03	3.09E-05	2.34E-07	8.62E-03	7.60E-05	4.21E-03	1.12E-01	0.00E+00	1.56E-10	2.00E-10	2.40E-05	7.35E-07	1.53E-02	0.00E+00	1.12E-01	5.54E-10	1.12E-01	1.28E-01	1.53E-02	0.00E+00	0.00E+00	0.00E+00	9.68E-04
	B46083	3.44E-05	2.86E-02	1.57E-02	1.29E-02	7.54E-11	0.00E+00	1.66E-01	1.57E-07	1.60E-05	1.03E-04	0.00E+00	2.90E-04	1.26E-09	3.55E-11	1.52E-03	3.09E-05	2.34E-07	8.62E-03	7.60E-05	4.21E-03	1.12E-01	0.00E+00	1.56E-10	2.00E-10	2.40E-05	7.35E-07	1.53E-02	0.00E+00	1.12E-01	5.54E-10	1.12E-01	1.28E-01	1.53E-02	0.00E+00	0.00E+00	0.00E+00	9.68E-04
	B46087	2.89E-05	2.14E-02	1.17E-02	9.69E-03	8.97E-11	0.00E+00	1.31E-01	1.27E-07	1.21E-05	8.54E-05	0.00E+00	7.34E-04	8.59E-10	3.08E-11	1.67E-03	4.18E-05	1.42E-03	6.73E-03	5.41E-05	3.50E-03	9.48E-02	0.00E+00	1.33E-10	1.75E-10	1.96E-05	5.60E-07	1.32E-02	0.00E+00	9.48E-02	5.75E-10	9.48E-02	1.08E-01	1.32E-02	0.00E+00	0.00E+00	0.00E+00	7.67E-04
	B46088	2.89E-05	2.14E-02	1.17E-02	9.69E-03	8.97E-11	0.00E+00	1.31E-01	1.27E-07	1.21E-05	8.54E-05	0.00E+00	7.34E-04	8.59E-10	3.08E-11	1.67E-03	4.18E-05	1.42E-03	6.73E-03	5.41E-05	3.50E-03	9.48E-02	0.00E+00	1.33E-10	1.75E-10	1.96E-05	5.60E-07	1.32E-02	0.00E+00	9.48E-02	5.75E-10	9.48E-02	1.08E-01	1.32E-02	0.00E+00	0.00E+00	0.00E+00	7.67E-04
	B46089	2.89E-05	2.14E-02	1.17E-02	9.69E-03	8.97E-11	0.00E+00	1.31E-01	1.27E-07	1.21E-05	8.54E-05	0.00E+00	7.34E-04	8.59E-10	3.08E-11	1.67E-03	4.18E-05	1.42E-03	6.73E-03	5.41E-05	3.50E-03	9.48E-02	0.00E+00	1.33E-10	1.75E-10	1.96E-05	5.60E-07	1.32E-02	0.00E+00	9.48E-02	5.75E-10	9.48E-02	1.08E-01	1.32E-02	0.00E+00	0.00E+00	0.00E+00	7.67E-04
	B46090	2.58E-05	2.14E-02	1.18E-02	9.69E-03	5.66E-11	0.00E+00	1.25E-01	1.18E-07	1.20E-05	7.70E-05	0.00E+00	2.17E-04	9.46E-10	2.66E-11	1.14E-03	2.32E-05	1.76E-07	6.47E-03	5.70E-05	3.16E-03	8.42E-02	0.00E+00	1.17E-10	1.50E-10	1.80E-05	5.51E-07	1.15E-02	0.00E+00	8.42E-02	4.15E-10	8.42E-02	9.57E-02	1.15E-02	0.00E+00	0.00E+00	0.00E+00	7.26E-04
	B46092	2.58E-05	2.14E-02	1.18E-02	9.69E-03	5.66E-11	0.00E+00	1.25E-01	1.18E-07	1.20E-05	7.70E-05	0.00E+00	2.17E-04	9.46E-10	2.66E-11	1.14E-03	2.32E-05	1.76E-07	6.47E-03	5.70E-05	3.16E-03	8.42E-02	0.00E+00	1.17E-10	1.50E-10	1.80E-05	5.51E-07	1.15E-02	0.00E+00	8.42E-02	4.15E-10	8.42E-02	9.57E-02	1.15E-02	0.00E+00	0.00E+00	0.00E+00	7.26E-04
	B46093	2.58E-05	2.14E-02	1.18E-02	9.69E-03	5.66E-11	0.00E+00	1.25E-01	1.18E-07	1.20E-05	7.70E-05	0.00E+00	2.17E-04	9.46E-10	2.66E-11	1.14E-03	2.32E-05	1.76E-07	6.47E-03	5.70E-05	3.16E-03	8.42E-02	0.00E+00	1.17E-10	1.50E-10	1.80E-05	5.51E-07	1.15E-02	0.00E+00	8.42E-02	4.15E-10	8.42E-02	9.57E-02	1.15E-02	0.00E+00	0.00E+00	0.00E+00	7.26E-04
	B46097	1.90E-05	1.58E-02	8.66E-03	7.14E-03	4.17E-11	0.00E+00	9.20E-02	8.68E-08	8.84E-06	5.67E-05	0.00E+00	1.60E-04	6.97E-10	1.96E-11	8.39E-04	1.71E-05	1.30E-07	4.76E-03	4.20E-05	2.32E-03	6.20E-02	0.00E+00	8.60E-11	1.10E-10	1.33E-05	4.06E-07	8.47E-03	0.00E+00	6.20E-02	3.06E-10	6.20E-02	7.05E-02	8.47E-03	0.00E+00	0.00E+00	0.00E+00	5.35E-04
	B46100	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
	B46102	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
	B46103	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
	B46105	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
	B46106	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
	B46107	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
	B46110	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
	B46111	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
	B46112	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
	B46130	3.18E-05	2.64E-02	1.45E-02	1.19E-02	7.00E-11	0.00E+00	1.54E-01	1.45E-07	1.48E-05	9.49E-05	0.00E+00	2.71E-04	1.16E-09	3.28E-11	1.41E-03	2.87E-05	8.23E-06	7.96E-03	7.02E-05	3.89E-03	1.04E-01	0.00E+00	1.44E-10	1.85E-10	2.22E-05	6.79E-07	1.42E-02	0.00E+00	1.04E-01	5.13E-10	1.04E-01	1.18E-01	1.42E-02	0.00E+00	0.00E+00	0.00E+00	8.95E-04
	B46132	3.18E-05	2.64E-02	1.45E-02	1.19E-02	7.00E-11	0.00E+00	1.54E-01	1.45E-07	1.48E-05	9.49E-05	0.00E+00	2.71E-04	1.16E-09	3.28E-11	1.41E-03	2.87E-05	8.23E-06	7.96E-03	7.02E-05	3.89E-03	1.04E-01	0.00E+00	1.44E-10	1.85E-10	2.22E-05	6.79E-07	1.42E-02	0.00E+00	1.04E-01	5.13E-10	1.04E-01	1.18E-01	1.42E-02	0.00E+00	0.00E+00	0.00E+00	8.95E-04
	B46133	3.18E-05	2.64E-02	1.45E-02	1.19E-02	7.00E-11	0.00E+00	1.54E-01	1.45E-07	1.48E-05	9.49E-05	0.00E+00	2.71E-04	1.16E-09	3.28E-11	1.41E-03	2.87E-05	8.23E-06	7.96E-03	7.02E-05	3.89E-03	1.04E-01	0.00E+00	1.44E-10	1.85E-10	2.22E-05	6.79E-07	1.42E-02	0.00E+00	1.04E-01	5.13E-10	1.04E-01	1.18E-01	1.42E-02	0.00E+00	0.00E+00	0.00E+00	8.95E-04
	B46135	3.18E-05	2.64E-02	1.45E-02	1.19E-02	7.00E-11	0.00E+00	1.54E-01	1.45E-07	1.48E-05	9.49E-05	0.00E+00	2.71E-04	1.16E-09	3.28E-11	1.41E-03	2.87E-05	8.23E-06	7.96E-03	7.02E-05	3.89E-03	1.04E-01	0.00E+00	1.44E-10	1.85E-10	2.22E-05	6.79E-07	1.42E-02	0.00E+00	1.04E-01	5.13E-10	1.04E-01	1.18E-01	1.42E-02	0.00E+00	0.00E+00	0.00E+00	8.95E-04
	B46136	3.18E-05	2.64E-02	1.45E-02	1.19E-02	7.00E-11	0.00E+00	1.54E-01	1.45E-07	1.48E-05	9.49E-05	0.00E+00	2.71E-04	1.16E-09	3.28E-11	1.41E-03	2.87E-05	8.23E-06	7.96E-03	7.02E-05	3.89E-03	1.04E-01	0.00E+00	1.44E-10	1.85E-10	2.22E-05	6.79E-07	1.42E-02	0.00E+00	1.04E-01	5.13E-10	1.04E-01	1.18E-01	1.42E-02	0.00E+00	0.00E+00	0.00E+00	8.95E-04
	B46137	3.18E-05	2.64E-02	1.45E-02	1.19E-02	7.00E-11	0.00E+00	1.54E-01	1.45E-07	1.48E-05	9.49E-05	0.00E+00	2.71E-04	1.16E-09	3.28E-11	1.41E-03	2.87E-05	8.23E-06	7.96E-03	7.02E-05	3.89E-03	1.04E-01	0.00E+00	1.44E-10	1.85E-10	2.22E-05	6.79E-07	1.42E-02	0.00E+00	1.04E-01	5.13E-10	1.04E-01	1.18E-01	1.42E-02	0.00E+00	0.00E+00	0.00E+00	8.95E-04
	B46140	3.18E-05	2.64E-02	1.45E-02	1.19E-02	7.00E-11	0.00E+00	1.54E-01	1.45E-07	1.48E-05	9.49E-05	0.00E+00	2.71E-04	1.16E-09	3.28E-11	1.41E-03	2.87E-05	8.23E-06	7.96E-03	7.02E-05	3.89E-03	1.04E-01	0.00E+00	1.44E-10	1.85E-10	2.22E-05	6.79E-07	1.42E-02	0.00E+00	1.04E-01	5.13E-10	1.04E-01	1.18E-01	1.42E-02	0.00E+00	0.00E+00	0.00E+00	8.95E-04
	B46142	3.18E-05	2.64E-02	1.45E-02	1.19E-02	7.00E-11	0.00E+00	1.54E-01	1.45E-07	1.48E-05	9.49E-05	0.00E+00	2.71E-04	1.16E-09	3.28E-11	1.41E-03	2.87E-05	8.23E-06	7.96E-03	7.02E-05	3.89E-03	1.04E-01	0.00E+00	1.44E-10	1.85E-10	2.22E-05	6.79E-07	1.42E-02	0.00E+00	1.04E-01	5.13E-10	1.04E-01	1.18E-01	1.42E-02	0.00E+00	0.00E+00	0.00E+00	8.95E-04
	B46143	3.18E-05	2.64E-02	1.45E-02	1.19E-02	7.00E-11	0.00E+00	1.54E-01	1.45E-07	1.48E-05	9.49E-05	0.00E+00	2.71E-04	1.16E-09	3.28E-11	1.41E-03	2.87E-05	8.23E-06	7.96E-03	7.02E-05	3.89E-03	1.04E-01	0.00E+00	1.44E-10	1.85E-10	2.22E-05	6.79E-07	1.42E-02	0.00E+00	1.04E-01	5.13E-10	1.04E-01	1.18E-01	1.42E-02	0.00E+00	0.00E+00	0.00E+00	8.95E-04
	B46145	3.18E-05	2.64E-02	1.45E-02	1.19E-02	7.00E-11	0.00E+00	1.54E-01	1.45E-07	1.48E-05	9.49E-05	0.00E+00	2.71E-04	1.16E-09	3.28E-11	1.41E-03	2.87E-05	8.23E-06	7.96E-03	7.02E-05	3.89E-03	1.04E-01	0.00E+00	1.44E-10	1.85E-10	2.22E-05	6.79E-07	1.42E-02	0.00E+00	1.04E-01	5.13E-10	1.04E-01	1.18E-01	1.42E-02	0.00E+00	0.00E+00	0.00E+00	8.95E-04
	B46147	3.18E-05	2.64E-02	1.45E-02	1.19E-02	7.00E-11	0.00E+00	1.54E-01	1.45E-07	1.48E-05	9.49E-05	0.00E+00	2.71E-04	1.16E-09	3.28E-11	1.41E-03	2.87E-05	8.23E-06	7.96E-03	7.02E-05	3.89E-03	1.04E-01	0.00E+00	1.44E-10	1.85E-10	2.22E-05	6.79E-07	1.42E-02	0.00E+00	1.04E-01	5.13E-10	1.04E-01	1.18E-01	1.42E-02	0.00E+00	0.00E+00	0.00E+00	8.95E-04
	B46148	3.18E-05	2.64E-02	1.45E-02	1.19E-02	7.00E-11	0.00E+00	1.54E-01	1.45E-07	1.48E-05	9.49E-05	0.00E+00	2.71E-04	1.16E-09	3.28E-11	1.41E-03	2.87E-05	8.23E-06	7.96E-03	7.02E-05	3.89E-03	1.04E-01	0.00E+00	1.44E-10	1.85E-10	2.22E-05	6.79E-07	1.42E-02	0.00E+00	1.04E-01	5.13E-10	1.04E-01	1.18E-01	1.42E-02	0.00E+00	0.00E+00	0.00E+00	8.95E-04
	G45BLIND19011	7.55E-06	6.27E-03	3.43E-03	2.83E-03	1.65E-11	0.00E+00	3.65E-02	3.45E-08	3.51E-06	2.25E-05	0.00E+00	6.35E-05	2.76E-10	7.77E-12	3.33E-04	6.77E-06	5.10E-08	1.89E-03	1.67E-05	9.22E-04	2.46E-02	0.00E+00	3.41E-11	4.38E-11	5.27E-06	1.61E-07	3.36E-03	0.00E+00	2.46E-02	1.21E-10	2.46E-02	2.80E-02	3.36E-03	0.00E+00	0.00E+00	0.00E+00	2.12E-04
	G45BLIND19016	7.55E-06	6.27E-03	3.43E-03	2.83E-03	1.65E-11	0.00E+00	3.65E-02	3.45E-08	3.51E-06	2.25E-05	0.00E+00	6.35E-05	2.76E-10	7.77E-12	3.33E-04	6.77E-06	5.10E-08	1.89E-03	1.67E-05	9.22E-04	2.46E-02	0.00E+00	3.41E-11	4.38E-11	5.27E-06	1.61E-07	3.36E-03	0.00E+00	2.46E-02	1.21E-10	2.46E-02	2.80E-02	3.36E-03	0.00E+00	0.00E+00	0.00E+00	2.12E-04
	G45BLIND1LAN	7.55E-06	6.27E-03	3.43E-03	2.83E-03	1.65E-11	0.00E+00	3.65E-02	3.45E-08	3.51E-06	2.25E-05	0.00E+00	6.35E-05	2.76E-10	7.77E-12	3.33E-04	6.77E-06	5.10E-08	1.89E-03	1.67E-05	9.22E-04	2.46E-02	0.00E+00	3.41E-11	4.38E-11	5.27E-06	1.61E-07	3.36E-03	0.00E+00	2.46E-02	1.21E-10	2.46E-02	2.80E-02	3.36E-03	0.00E+00	0.00E+00	0.00E+00	2.12E-04
	G45BLIND29011	2.87E-05	2.38E-02	1.31E-02	1.08E-02	6.29E-11	0.00E+00	1.39E-01	1.31E-07	1.34E-05	8.57E-05	0.00E+00	2.42E-04	1.05E-09	2.96E-11	1.27E-03	2.58E-05	1.94E-07	7.19E-03	6.34E-05	3.51E-03	9.36E-02	0.00E+00	1.30E-10	1.67E-10	2.00E-05	6.13E-07	1.28E-02	0.00E+00	9.36E-02	4.62E-10	9.36E-02	1.06E-01	1.28E-02	0.00E+00	0.00E+00	0.00E+00	8.08E-04
	G45BLIND29016	2.87E-05	2.38E-02	1.31E-02	1.08E-02	6.29E-11	0.00E+00	1.39E-01	1.31E-07	1.34E-05	8.57E-05	0.00E+00	2.42E-04	1.05E-09	2.96E-11	1.27E-03	2.58E-05	1.94E-07	7.19E-03	6.34E-05	3.51E-03	9.36E-02	0.00E+00	1.30E-10	1.67E-10	2.00E-05	6.13E-07	1.28E-02	0.00E+00	9.36E-02	4.62E-10	9.36E-02	1.06E-01	1.28E-02	0.00E+00	0.00E+00	0.00E+00	8.08E-04

Use B1-B7	G45BLIND2LAN	2.87E-05	2.38E-02	1.31E-02	1.08E-02	6.29E-11	0.00E+00	1.39E-01	1.31E-07	1.34E-05	8.57E-05	0.00E+00	2.42E-04	1.05E-09	2.96E-11	1.27E-03	2.58E-05	1.94E-07	7.19E-03	6.34E-05	3.51E-03	9.36E-02	0.00E+00	1.30E-10	1.67E-10	2.00E-05	6.13E-07	1.28E-02	0.00E+00	9.36E-02	4.62E-10	9.36E-02	1.06E-01	1.28E-02	0.00E+00	0.00E+00	0.00E+00	8.08E-04
	G45DM0119011	2.19E-05	1.81E-02	9.93E-03	8.19E-03	4.82E-11	0.00E+00	1.06E-01	9.98E-08	1.01E-05	6.52E-05	0.00E+00	1.87E-04	7.99E-10	2.25E-11	9.68E-04	1.97E-05	8.16E-06	5.47E-03	4.82E-05	2.67E-03	7.13E-02	0.00E+00	9.88E-11	1.27E-10	1.52E-05	4.66E-07	9.74E-03	0.00E+00	7.13E-02	3.53E-10	7.13E-02	8.10E-02	9.74E-03	0.00E+00	0.00E+00	0.00E+00	6.14E-04
	G45DM0119016	2.19E-05	1.81E-02	9.93E-03	8.19E-03	4.82E-11	0.00E+00	1.06E-01	9.98E-08	1.01E-05	6.52E-05	0.00E+00	1.87E-04	7.99E-10	2.25E-11	9.68E-04	1.97E-05	8.16E-06	5.47E-03	4.82E-05	2.67E-03	7.13E-02	0.00E+00	9.88E-11	1.27E-10	1.52E-05	4.66E-07	9.74E-03	0.00E+00	7.13E-02	3.53E-10	7.13E-02	8.10E-02	9.74E-03	0.00E+00	0.00E+00	0.00E+00	6.14E-04
	G45DM011LAN	2.19E-05	1.81E-02	9.93E-03	8.19E-03	4.82E-11	0.00E+00	1.06E-01	9.98E-08	1.01E-05	6.52E-05	0.00E+00	1.87E-04	7.99E-10	2.25E-11	9.68E-04	1.97E-05	8.16E-06	5.47E-03	4.82E-05	2.67E-03	7.13E-02	0.00E+00	9.88E-11	1.27E-10	1.52E-05	4.66E-07	9.74E-03	0.00E+00	7.13E-02	3.53E-10	7.13E-02	8.10E-02	9.74E-03	0.00E+00	0.00E+00	0.00E+00	6.14E-04
	G45DM0129011	2.19E-05	1.81E-02	9.93E-03	8.19E-03	4.82E-11	0.00E+00	1.06E-01	9.98E-08	1.01E-05	6.52E-05	0.00E+00	1.87E-04	7.99E-10	2.25E-11	9.68E-04	1.97E-05	8.16E-06	5.47E-03	4.82E-05	2.67E-03	7.13E-02	0.00E+00	9.88E-11	1.27E-10	1.52E-05	4.66E-07	9.74E-03	0.00E+00	7.13E-02	3.53E-10	7.13E-02	8.10E-02	9.74E-03	0.00E+00	0.00E+00	0.00E+00	6.14E-04
	G45DM0129016	2.19E-05	1.81E-02	9.93E-03	8.19E-03	4.82E-11	0.00E+00	1.06E-01	9.98E-08	1.01E-05	6.52E-05	0.00E+00	1.87E-04	7.99E-10	2.25E-11	9.68E-04	1.97E-05	8.16E-06	5.47E-03	4.82E-05	2.67E-03	7.13E-02	0.00E+00	9.88E-11	1.27E-10	1.52E-05	4.66E-07	9.74E-03	0.00E+00	7.13E-02	3.53E-10	7.13E-02	8.10E-02	9.74E-03	0.00E+00	0.00E+00	0.00E+00	6.14E-04
	G45DM012LAN	1.68E-05	1.39E-02	7.61E-03	6.28E-03	3.70E-11	0.00E+00	8.09E-02	7.65E-08	7.78E-06	5.00E-05	0.00E+00	1.44E-04	6.12E-10	1.73E-11	7.43E-04	1.52E-05	8.12E-06	4.19E-03	3.69E-05	2.05E-03	5.47E-02	0.00E+00	7.58E-11	9.73E-11	1.17E-05	3.57E-07	7.47E-03	0.00E+00	5.47E-02	2.71E-10	5.47E-02	6.21E-02	7.47E-03	0.00E+00	0.00E+00	0.00E+00	4.71E-04
	G45DM0519011	2.19E-05	1.81E-02	9.93E-03	8.19E-03	4.82E-11	0.00E+00	1.06E-01	9.98E-08	1.01E-05	6.52E-05	0.00E+00	1.87E-04	7.99E-10	2.25E-11	9.68E-04	1.97E-05	8.16E-06	5.47E-03	4.82E-05	2.67E-03	7.13E-02	0.00E+00	9.88E-11	1.27E-10	1.52E-05	4.66E-07	9.74E-03	0.00E+00	7.13E-02	3.53E-10	7.13E-02	8.10E-02	9.74E-03	0.00E+00	0.00E+00	0.00E+00	6.14E-04
	G45DM0519016	2.19E-05	1.81E-02	9.93E-03	8.19E-03	4.82E-11	0.00E+00	1.06E-01	9.98E-08	1.01E-05	6.52E-05	0.00E+00	1.87E-04	7.99E-10	2.25E-11	9.68E-04	1.97E-05	8.16E-06	5.47E-03	4.82E-05	2.67E-03	7.13E-02	0.00E+00	9.88E-11	1.27E-10	1.52E-05	4.66E-07	9.74E-03	0.00E+00	7.13E-02	3.53E-10	7.13E-02	8.10E-02	9.74E-03	0.00E+00	0.00E+00	0.00E+00	6.14E-04
	G45DM051LAN	2.19E-05	1.81E-02	9.93E-03	8.19E-03	4.82E-11	0.00E+00	1.06E-01	9.98E-08	1.01E-05	6.52E-05	0.00E+00	1.87E-04	7.99E-10	2.25E-11	9.68E-04	1.97E-05	8.16E-06	5.47E-03	4.82E-05	2.67E-03	7.13E-02	0.00E+00	9.88E-11	1.27E-10	1.52E-05	4.66E-07	9.74E-03	0.00E+00	7.13E-02	3.53E-10	7.13E-02	8.10E-02	9.74E-03	0.00E+00	0.00E+00	0.00E+00	6.14E-04
	G45DM0529011	2.19E-05	1.81E-02	9.93E-03	8.19E-03	4.82E-11	0.00E+00	1.06E-01	9.98E-08	1.01E-05	6.52E-05	0.00E+00	1.87E-04	7.99E-10	2.25E-11	9.68E-04	1.97E-05	8.16E-06	5.47E-03	4.82E-05	2.67E-03	7.13E-02	0.00E+00	9.88E-11	1.27E-10	1.52E-05	4.66E-07	9.74E-03	0.00E+00	7.13E-02	3.53E-10	7.13E-02	8.10E-02	9.74E-03	0.00E+00	0.00E+00	0.00E+00	6.14E-04
	G45DM0529016	2.19E-05	1.81E-02	9.93E-03	8.19E-03	4.82E-11	0.00E+00	1.06E-01	9.98E-08	1.01E-05	6.52E-05	0.00E+00	1.87E-04	7.99E-10	2.25E-11	9.68E-04	1.97E-05	8.16E-06	5.47E-03	4.82E-05	2.67E-03	7.13E-02	0.00E+00	9.88E-11	1.27E-10	1.52E-05	4.66E-07	9.74E-03	0.00E+00	7.13E-02	3.53E-10	7.13E-02	8.10E-02	9.74E-03	0.00E+00	0.00E+00	0.00E+00	6.14E-04
	G45DM052LAN	2.19E-05	1.81E-02	9.93E-03	8.19E-03	4.82E-11	0.00E+00	1.06E-01	9.98E-08	1.01E-05	6.52E-05	0.00E+00	1.87E-04	7.99E-10	2.25E-11	9.68E-04	1.97E-05	8.16E-06	5.47E-03	4.82E-05	2.67E-03	7.13E-02	0.00E+00	9.88E-11	1.27E-10	1.52E-05	4.66E-07	9.74E-03	0.00E+00	7.13E-02	3.53E-10	7.13E-02	8.10E-02	9.74E-03	0.00E+00	0.00E+00	0.00E+00	6.14E-04
	G45MM0119011	2.19E-05	1.81E-02	9.93E-03	8.19E-03	4.82E-11	0.00E+00	1.06E-01	9.98E-08	1.01E-05	6.52E-05	0.00E+00	1.87E-04	7.99E-10	2.25E-11	9.68E-04	1.97E-05	8.16E-06	5.47E-03	4.82E-05	2.67E-03	7.13E-02	0.00E+00	9.88E-11	1.27E-10	1.52E-05	4.66E-07	9.74E-03	0.00E+00	7.13E-02	3.53E-10	7.13E-02	8.10E-02	9.74E-03	0.00E+00	0.00E+00	0.00E+00	6.14E-04
	G45MM0119016	2.19E-05	1.81E-02	9.93E-03	8.19E-03	4.82E-11	0.00E+00	1.06E-01	9.98E-08	1.01E-05	6.52E-05	0.00E+00	1.87E-04	7.99E-10	2.25E-11	9.68E-04	1.97E-05	8.16E-06	5.47E-03	4.82E-05	2.67E-03	7.13E-02	0.00E+00	9.88E-11	1.27E-10	1.52E-05	4.66E-07	9.74E-03	0.00E+00	7.13E-02	3.53E-10	7.13E-02	8.10E-02	9.74E-03	0.00E+00	0.00E+00	0.00E+00	6.14E-04
	G45MM011LAN	2.19E-05	1.81E-02	9.93E-03	8.19E-03	4.82E-11	0.00E+00	1.06E-01	9.98E-08	1.01E-05	6.52E-05	0.00E+00	1.87E-04	7.99E-10	2.25E-11	9.68E-04	1.97E-05	8.16E-06	5.47E-03	4.82E-05	2.67E-03	7.13E-02	0.00E+00	9.88E-11	1.27E-10	1.52E-05	4.66E-07	9.74E-03	0.00E+00	7.13E-02	3.53E-10	7.13E-02	8.10E-02	9.74E-03	0.00E+00	0.00E+00	0.00E+00	6.14E-04
	G45MM0129011	2.19E-05	1.81E-02	9.93E-03	8.19E-03	4.82E-11	0.00E+00	1.06E-01	9.98E-08	1.01E-05	6.52E-05	0.00E+00	1.87E-04	7.99E-10	2.25E-11	9.68E-04	1.97E-05	8.16E-06	5.47E-03	4.82E-05	2.67E-03	7.13E-02	0.00E+00	9.88E-11	1.27E-10	1.52E-05	4.66E-07	9.74E-03	0.00E+00	7.13E-02	3.53E-10	7.13E-02	8.10E-02	9.74E-03	0.00E+00	0.00E+00	0.00E+00	6.14E-04
	G45MM0129016	2.19E-05	1.81E-02	9.93E-03	8.19E-03	4.82E-11	0.00E+00	1.06E-01	9.98E-08	1.01E-05	6.52E-05	0.00E+00	1.87E-04	7.99E-10	2.25E-11	9.68E-04	1.97E-05	8.16E-06	5.47E-03	4.82E-05	2.67E-03	7.13E-02	0.00E+00	9.88E-11	1.27E-10	1.52E-05	4.66E-07	9.74E-03	0.00E+00	7.13E-02	3.53E-10	7.13E-02	8.10E-02	9.74E-03	0.00E+00	0.00E+00	0.00E+00	6.14E-04
	G45MM012LAN	2.19E-05	1.81E-02	9.93E-03	8.19E-03	4.82E-11	0.00E+00	1.06E-01	9.98E-08	1.01E-05	6.52E-05	0.00E+00	1.87E-04	7.99E-10	2.25E-11	9.68E-04	1.97E-05	8.16E-06	5.47E-03	4.82E-05	2.67E-03	7.13E-02	0.00E+00	9.88E-11	1.27E-10	1.52E-05	4.66E-07	9.74E-03	0.00E+00	7.13E-02	3.53E-10	7.13E-02	8.10E-02	9.74E-03	0.00E+00	0.00E+00	0.00E+00	6.14E-04
	G45MM0519011	2.19E-05	1.81E-02	9.93E-03	8.19E-03	4.82E-11	0.00E+00	1.06E-01	9.98E-08	1.01E-05	6.52E-05	0.00E+00	1.87E-04	7.99E-10	2.25E-11	9.68E-04	1.97E-05	8.16E-06	5.47E-03	4.82E-05	2.67E-03	7.13E-02	0.00E+00	9.88E-11	1.27E-10	1.52E-05	4.66E-07	9.74E-03	0.00E+00	7.13E-02	3.53E-10	7.13E-02	8.10E-02	9.74E-03	0.00E+00	0.00E+00	0.00E+00	6.14E-04
	G45MM0519016	2.19E-05	1.81E-02	9.93E-03	8.19E-03	4.82E-11	0.00E+00	1.06E-01	9.98E-08	1.01E-05	6.52E-05	0.00E+00	1.87E-04	7.99E-10	2.25E-11	9.68E-04	1.97E-05	8.16E-06	5.47E-03	4.82E-05	2.67E-03	7.13E-02	0.00E+00	9.88E-11	1.27E-10	1.52E-05	4.66E-07	9.74E-03	0.00E+00	7.13E-02	3.53E-10	7.13E-02	8.10E-02	9.74E-03	0.00E+00	0.00E+00	0.00E+00	6.14E-04
	G45MM051LAN	2.19E-05	1.81E-02	9.93E-03	8.19E-03	4.82E-11	0.00E+00	1.06E-01	9.98E-08	1.01E-05	6.52E-05	0.00E+00	1.87E-04	7.99E-10	2.25E-11	9.68E-04	1.97E-05	8.16E-06	5.47E-03	4.82E-05	2.67E-03	7.13E-02	0.00E+00	9.88E-11	1.27E-10	1.52E-05	4.66E-07	9.74E-03	0.00E+00	7.13E-02	3.53E-10	7.13E-02	8.10E-02	9.74E-03	0.00E+00	0.00E+00	0.00E+00	6.14E-04
	G45MM0529011	2.19E-05	1.81E-02	9.93E-03	8.19E-03	4.82E-11	0.00E+00	1.06E-01	9.98E-08	1.01E-05	6.52E-05	0.00E+00	1.87E-04	7.99E-10	2.25E-11	9.68E-04	1.97E-05	8.16E-06	5.47E-03	4.82E-05	2.67E-03	7.13E-02	0.00E+00	9.88E-11	1.27E-10	1.52E-05	4.66E-07	9.74E-03	0.00E+00	7.13E-02	3.53E-10	7.13E-02	8.10E-02	9.74E-03	0.00E+00	0.00E+00	0.00E+00	6.14E-04
	G45MM0529016	2.19E-05	1.81E-02	9.93E-03	8.19E-03	4.82E-11	0.00E+00	1.06E-01	9.98E-08	1.01E-05	6.52E-05	0.00E+00	1.87E-04	7.99E-10	2.25E-11	9.68E-04	1.97E-05	8.16E-06	5.47E-03	4.82E-05	2.67E-03	7.13E-02	0.00E+00	9.88E-11	1.27E-10	1.52E-05	4.66E-07	9.74E-03	0.00E+00	7.13E-02	3.53E-10	7.13E-02	8.10E-02	9.74E-03	0.00E+00	0.00E+00	0.00E+00	6.14E-04
	G45MM052LAN	2.19E-05	1.81E-02	9.93E-03	8.19E-03	4.82E-11	0.00E+00	1.06E-01	9.98E-08	1.01E-05	6.52E-05	0.00E+00	1.87E-04	7.99E-10	2.25E-11	9.68E-04	1.97E-05	8.16E-06	5.47E-03	4.82E-05	2.67E-03	7.13E-02	0.00E+00	9.88E-11	1.27E-10	1.52E-05	4.66E-07	9.74E-03	0.00E+00	7.13E-02	3.53E-10	7.13E-02	8.10E-02	9.74E-03	0.00E+00	0.00E+00	0.00E+00	6.14E-04
	G45MM3019011	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
	G45MM3019016	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
	G45MM301LAN	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
	G45MSET019016	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
	G45MSET029016	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
	G45MSET039016	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
	GKWHO	9.82E-06	8.16E-03	4.47E-03	3.69E-03	2.15E-11	0.00E+00	4.75E-02	4.48E-08	4.57E-06	2.93E-05	0.00E+00	8.27E-05	3.60E-10	1.01E-11	4.33E-04	8.81E-06	6.70E-08	2.46E-03	2.17E-05	1.20E-03	3.20E-02	0.00E+00	4.44E-11	5.70E-11	6.86E-06	2.10E-07	4.38E-03	0.00E+00	3.20E-02	1.58E-10	3.20E-02	3.64E-02	4.38E-03	0.00E+00	0.00E+00	0.00E+00	2.76E-04
	GKWHP	2.43E-05	2.02E-02	1.11E-02	9.11E-03	5.32E-11	0.00E+00	1.17E-01	1.11E-07	1.13E-05	7.24E-05	0.00E+00	2.04E-04	8.90E-10	2.50E-11	1.07E-03	2.18E-05	1.65E-07	6.08E-03	5.36E-05	2.97E-03	7.92E-02	0.00E+00	1.10E-10	1.41E-10	1.69E-05	5.18E-07	1.08E-02	0.00E+00	7.92E-02	3.91E-10	7.92E-02	9.00E-02	1.08E-02	0.00E+00	0.00E+00	0.00E+00	6.83E-04
	GKWHQ	9.82E-06	8.16E-03	4.47E-03	3.69E-03	2.15E-11	0.00E+00	4.75E-02	4.48E-08	4.57E-06	2.93E-05	0.00E+00	8.27E-05	3.60E-10	1.01E-11	4.33E-04	8.81E-06	6.70E-08	2.46E-03	2.17E-05	1.20E-03	3.20E-02	0.00E+00	4.44E-11	5.70E-11	6.86E-06	2.10E-07	4.38E-03	0.00E+00	3.20E-02	1.58E-10	3.20E-02	3.64E-02	4.38E-03	0.00E+00	0.00E+00	0.00E+00	2.76E-04
	GMDSDP	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
	GMDSHDMI	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
	GMDSVGA	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
	B46040	1.06E-04	2.02E-02	4.46E-04	1.98E-02	0.00E+00	0.00E+00	3.03E-02	4.84E-08	1.24E-05	1.99E-04	0.00E+00	5.58E-04	2.50E-12	5.92E-11	2.64E-02	5.36E-04	0.00E+00	0.00E+00	3.58E-05	3.05E-03	4.85E-01	0.00E+00	8.66E-11	8.28E-10	3.92E-05	7.18E-07	1.13E-01	0.00E+00	4.85E-01	6.55E-09	4.85E-01	5.98E-01	1.13E-01	0.00E+00	0.00E+00	0.00E+00	1.53E-03
	B46042	1.06E-04	2.02E-02	4.46E-04	1.98E-02	0.00E+00	0.00E+00	3.03E-02	4.84E-08	1.24E-05	1.99E-04	0.00E+00	5.58E-04	2.50E-12	5.92E-11	2.64E-02	5.36E-04	0.00E+00	0.00E+00	3.58E-05	3.05E-03	4.85E-01	0.00E+00	8.66E-11	8.28E-10	3.92E-05	7.18E-07	1.13E-01	0.00E+00	4.85E-01	6.55E-09	4.85E-01	5.98E-01	1.13E-01	0.00E+00	0.00E+00	0.00E+00	1.53E-03
	B46043	1.06E-04	2.02E-02	4.46E-04	1.98E-02	0.00E+00	0.00E+00	3.03E-02	4.84E-08	1.24E-05	1.99E-04	0.00E+00	5.58E-04	2.50E-12	5.92E-11	2.64E-02	5.36E-04	0.00E+00	0.00E+00	3.58E-05	3.05E-03	4.85E-01	0.00E+00	8.66E-11	8.28E-10	3.92E-05	7.18E-07	1.13E-01	0.00E+00	4.85E-01	6.55E-09	4.85E-01	5.98E-01	1.13E-01	0.00E+00	0.00E+00	0.00E+00	1.53E-03
	B46045	1.06E-04	2.02E-02	4.46E-04	1.98E-02	0.00E+00	0.00E+00	3.03E-02	4.84E-08	1.24E-05	1.99E-04	0.00E+00	5.58E-04	2.50E-12	5.92E-11	2.64E-02	5.36E-04	0.00E+00	0.00E+00	3.58E-05	3.05E-03	4.85E-01	0.00E+00	8.66E-11	8.28E-10	3.92E-05	7.18E-07	1.13E-01	0.00E+00	4.85E-01	6.55E-09	4.85E-01	5.98E-01	1.13E-01	0.00E+00	0.00E+00	0.00E+00	1.53E-03
	B46047	1.06E-04	2.02E-02	4.46E-04	1.98E-02	0.00E+00	0.00E+00	3.03E-02	4.84E-08	1.24E-05	1.99E-04	0.00E+00	5.58E-04	2.50E-12	5.92E-11	2.64E-02	5.36E-04	0.00E+00	0.00E+00	3.58E-05	3.05E-03	4.85E-01	0.00E+00	8.66E-11	8.28E-10	3.92E-05	7.18E-07	1.13E-01	0.00E+00	4.85E-01	6.55E-09	4.85E-01	5.98E-01	1.13E-01	0.00E+00	0.00E+00	0.00E+00	1.53E-03
	B46048	1.06E-04	2.02E-02	4.46E-04	1.98E-02	0.00E+00	0.00E+00	3.03E-02	4.84E-08	1.24E-05	1.99E-04	0.00E+00	5.58E-04	2.50E-12	5.92E-11	2.64E-02	5.36E-04	0.00E+00	0.00E+00	3.58E-05	3.05E-03	4.85E-01	0.00E+00	8.66E-11	8.28E-10	3.92E-05	7.18E-07	1.13E-01	0.00E+00	4.85E-01	6.55E-09	4.85E-01	5.98E-01	1.13E-01	0.00E+00	0.00E+00	0.00E+00	1.53E-03
	B46050	2.26E-04	4.32E-02	9.55E-04	4.23E-02	0.00E+00	0.00E+00	6.48E-02	1.04E-07	2.65E-05	4.25E-04	0.00E+00	1.19E-03	5.35E-12	1.27E-10	5.66E-02	1.15E-03	0.00E+00	0.00E+00	7.66E-05	6.52E-03	1.04E+00	0.00E+00	1.85E-10	1.77E-09	8.40E-05	1.54E-06	2.43E-01	0.00E+00	1.04E+00	1.40E-08	1.04E+00	1.28E+00	2.43E-01	0.00E+00	0.00E+00	0.00E+00	3.28E-03
	B46052	2.26E-04	4.32E-02	9.55E-04	4.23E-02	0.00E+00	0.00E+00	6.48E-02	1.04E-07	2.65E-05	4.25E-04	0.00E+00	1.19E-03	5.35E-12	1.27E-10	5.66E-02	1.15E-03	0.00E+00	0.00E+00	7.66E-05	6.52E-03	1.04E+00	0.00E+00	1.85E-10	1.77E-09	8.40E-05	1.54E-06	2.43E-01	0.00E+00	1.04E+00	1.40E-08	1.04E+00	1.28E+00	2.43E-01	0.00E+00	0.00E+00	0.00E+00	3.28E-03
	B46053	2.26E-04	4.32E-02	9.55E-04	4.23E-02	0.00E+00	0.00E+00	6.48E-02	1.04E-07	2.65E-05	4.25E-04	0.00E+00	1.19E-03	5.35E-12	1.27E-10	5.66E-02	1.15E-03	0.00E+00	0.00E+00	7.66E-05	6.52E-03	1.04E+00	0.00E+00	1.85E-10	1.77E-09	8.40E-05	1.54E-06	2.43E-01	0.00E+00	1.04E+00	1.40E-08	1.04E+00	1.28E+00	2.43E-01	0.00E+00	0.00E+00	0.00E+00	3.28E-03
	B46055	2.26E-04	4.32E-02	9.55E-04	4.23E-02	0.00E+00	0.00E+00	6.48E-02	1.04E-07	2.65E-05	4.25E-04	0.00E+00	1.19E-03	5.35E-12	1.27E-10	5.66E-02	1.15E-03	0.00E+00	0.00E+00	7.66E-05	6.52E-03	1.04E+00	0.00E+00	1.85E-10	1.77E-09	8.40E-05	1.54E-06	2.43E-01	0.00E+00	1.04E+00	1.40E-08	1.04E+00	1.28E+00	2.43E-01	0.00E+00	0.00E+00	0.00E+00	3.28E-03
	B46057	2.26E-04	4.32E-02	9.55E-04	4.23E-02	0.00E+00	0.00E+00	6.48E-02	1.04E-07	2.65E-05	4.25E-04	0.00E+00	1.19E-03	5.35E-12	1.27E-10	5.66E-02	1.15E-03	0.00E+00	0.00E+00	7.66E-05	6.52E-03	1.04E+00	0.00E+00	1.85E-10	1.77E-09	8.40E-05	1.54E-06	2.43E-01	0.00E+00	1.04E+00	1.40E-08	1.04E+00	1.28E+00	2.43E-01	0.00E+00	0.00E+00	0.00E+00	3.28E-03
	B46058	2.26E-04	4.32E-02	9.55E-04	4.23E-02	0.00E+00	0.00E+00	6.48E-02	1.04E-07	2.65E-05	4.25E-04	0.00E+00	1.19E-03	5.35E-12	1.27E-10	5.66E-02	1.15E-03	0.00E+00	0.00E+00	7.66E-05	6.52E-03	1.04E+00	0.00E+00	1.85E-10	1.77E-09	8.40E-05	1.54E-06	2.43E-01	0.00E+00	1.04E+00	1.40E-08	1.04E+00	1.28E+00	2.43E-01	0.00E+00	0.00E+00	0.00E+00	3.28E-03
	B46070	1.06E-04	2.02E-02	4.46E-04	1.98E-02	0.00E+00	0.00E+00	3.03E-02	4.84E-08	1.24E-05	1.99E-04	0.00E+00	5.58E-04	2.50E-12	5.92E-11	2.64E-02	5.36E-04	0.00E+00	0.00E+00	3.58E-05	3.05E-03	4.85E-01	0.00E+00	8.66E-11	8.28E-10	3.92E-05	7.18E-07	1.13E-01	0.00E+00	4.85E-01	6.55E-09	4.85E-01	5.98E-01	1.13E-01	0.00E+00	0.00E+00	0.00E+00	1.53E-03
	B46072	1.06E-04	2.02E-02	4.46E-04	1.98E-02	0.00E+00	0.00E+00	3.03E-02	4.84E-08	1.24E-05	1.99E-04	0.00E+00	5.58E-04	2.50E-12	5.92E-11	2.64E-02	5.36E-04	0.00E+00	0.00E+00	3.58E-05	3.05E-03	4.85E-01	0.00E+00	8.66E-11	8.28E-10	3.92E-05	7.18E-07	1.13E-01	0.00E+00	4.85E-01	6.55E-09	4.85E-01	5.98E-01	1.13E-01	0.00E+00	0.00E+00	0.00E+00	1.53E-03
	B46073	1.06E-04	2.02E-02	4.46E-04	1.98E-02	0.00E+00	0.00E+00	3.03E-02	4.84E-08	1.24E-05	1.99E-04	0.00E+00	5.58E-04	2.50E-12	5.92E-11	2.64E-02	5.36E-04	0.00E+00	0.00E+00	3.58E-05	3.05E-03	4.85E-01	0.00E+00	8.66E-11	8.28E-10	3.92E-05	7.18E-07	1.13E-01	0.00E+00	4.85E-01	6.55E-09	4.85E-01	5.98E-01	1.13E-01	0.00E+00	0.00E+00	0.00E+00	1.53E-03
	B46075	2.26E-04	4.32E-02	9.55E-04	4.23E-02	0.00E+00	0.00E+00	6.48E-02	1.04E-07	2.65E-05	4.25E-04	0.00E+00	1.19E-03	5.35E-12	1.27E-10	5.66E-02	1.15E-03	0.00E+00	0.00E+00	7.66E-05	6.52E-03	1.04E+00	0.00E+00	1.85E-10	1.77E-09	8.40E-05	1.54E-06	2.43E-01	0.00E+00	1.04E+00	1.40E-08	1.04E+00	1.28E+00	2.43E-01	0.00E+00	0.00E+00	0.00E+00	3.28E-03
	B46077	2.26E-04	4.32E-02	9.55E-04	4.23E-02	0.00E+00	0.00E+00	6.48E-02	1.04E-07	2.65E-05	4.25E-04	0.00E+00	1.19E-03	5.35E-12	1.27E-10	5.66E-02	1.15E-03	0.00E+00	0.00E+00	7.66E-05	6.52E-03	1.04E+00	0.00E+00	1.85E-10	1.77E-09	8.40E-05	1.54E-06	2.43E-01	0.00E+00	1.04E+00	1.40E-08	1.04E+00	1.28E+00	2.43E-01	0.00E+00	0.00E+00	0.00E+00	3.28E-03
	B46078	2.26E-04	4.32E-02	9.55E-04	4.23E-02	0.00E+00	0.00E+00	6.48E-02	1.04E-07	2.65E-05	4.25E-04	0.00E+00	1.19E-03	5.35E-12	1.27E-10	5.66E-02	1.15E-03	0.00E+00	0.00E+00	7.66E-05	6.52E-03	1.04E+00	0.00E+00	1.85E-10	1.77E-09	8.40E-05	1.54E-06	2.43E-01	0.00E+00	1.04E+00	1.40E-08	1.04E+00	1.28E+00	2.43E-01	0.00E+00	0.00E+00	0.00E+00	3.28E-03
	B46080	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
	B46082	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
	B46083	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
	B46087	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
	B46088	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
	B46089	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
	B46090	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
	B46092	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
	B46093	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
	B46097	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
	B46100	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
	B46102	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
	B46103	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
	B46105	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
	B46106	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
	B46107	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
	B46110	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
	B46111	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
	B46112	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
	B46130	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
	B46132	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
	B46133	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
	B46135	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
	B46136	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
	B46137	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
	B46140	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
	B46142	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
	B46143	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
	B46145	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
	B46147	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
	B46148	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

	G45BLIND19011	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
	G45BLIND19016	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
	G45BLIND1LAN	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
	G45BLIND29011	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
	G45BLIND29016	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
	G45BLIND2LAN	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
	G45DM0119011	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
	G45DM0119016	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
	G45DM011LAN	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
	G45DM0129011	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
	G45DM0129016	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
	G45DM012LAN	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
	G45DM0519011	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
	G45DM0519016	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
	G45DM051LAN	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
	G45DM0529011	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
	G45DM0529016	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
	G45DM052LAN	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
	G45MM0119011	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
	G45MM0119016	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
	G45MM011LAN	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
	G45MM0129011	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
	G45MM0129016	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
	G45MM012LAN	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
	G45MM0519011	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
	G45MM0519016	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
	G45MM051LAN	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
	G45MM0529011	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
	G45MM0529016	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
	G45MM052LAN	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
	G45MM3019011	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
	G45MM3019016	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
	G45MM301LAN	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
	G45MSET019016	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
	G45MSET029016	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
	G45MSET039016	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
	GKWHO	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
	GKWHP	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
	GKWHQ	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
	GMDSDP	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
	GMDSHDMI	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
	GMDSVGA	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
End Of Life C1-C4	B46040	1.19E-04	5.37E-02	3.54E-04	5.33E-02	1.87E-10	0.00E+00	1.01E+00	5.12E-07	2.43E-05	2.59E-04	0.00E+00	1.15E-02	9.06E-09	1.27E-09	9.91E-04	3.57E-02	0.00E+00	0.00E+00	8.64E-02	2.25E-05	3.19E-01	0.00E+00	2.50E-09	1.23E-09	7.71E-05	1.54E-08	1.59E-02	0.00E+00	3.19E-01	1.59E-07	3.19E-01	3.35E-01	1.59E-02	0.00E+00	0.00E+00	0.00E+00	3.15E+00
	B46042	1.19E-04	5.37E-02	3.54E-04	5.33E-02	1.87E-10	0.00E+00	1.01E+00	5.12E-07	2.43E-05	2.59E-04	0.00E+00	1.15E-02	9.06E-09	1.27E-09	9.91E-04	3.57E-02	0.00E+00	0.00E+00	8.64E-02	2.25E-05	3.19E-01	0.00E+00	2.50E-09	1.23E-09	7.71E-05	1.54E-08	1.59E-02	0.00E+00	3.19E-01	1.59E-07	3.19E-01	3.35E-01	1.59E-02	0.00E+00	0.00E+00	0.00E+00	3.15E+00
	B46043	1.19E-04	5.37E-02	3.54E-04	5.33E-02	1.87E-10	0.00E+00	1.01E+00	5.12E-07	2.43E-05	2.59E-04	0.00E+00	1.15E-02	9.06E-09	1.27E-09	9.91E-04	3.57E-02	0.00E+00	0.00E+00	8.64E-02	2.25E-05	3.19E-01	0.00E+00	2.50E-09	1.23E-09	7.71E-05	1.54E-08	1.59E-02	0.00E+00	3.19E-01	1.59E-07	3.19E-01	3.35E-01	1.59E-02	0.00E+00	0.00E+00	0.00E+00	3.15E+00
	B46045	1.05E-04	8.33E-02	2.87E-04	8.30E-02	2.49E-10	0.00E+00	1.94E+00	7.22E-07	2.57E-05	2.57E-04	0.00E+00	2.30E-02	1.81E-08	2.38E-09	8.10E-04	2.89E-02	0.00E+00	0.00E+00	7.00E-02	3.73E-05	2.65E-01	0.00E+00	2.05E-09	1.02E-09	7.33E-05	2.48E-08	1.29E-02	0.00E+00	2.65E-01	1.29E-07	2.65E-01	2.78E-01	1.29E-02	0.00E+00	0.00E+00	0.00E+00	2.55E+00
	B46047	1.05E-04	8.33E-02	2.87E-04	8.30E-02	2.49E-10	0.00E+00	1.94E+00	7.22E-07	2.57E-05	2.57E-04	0.00E+00	2.30E-02	1.81E-08	2.38E-09	8.10E-04	2.89E-02	0.00E+00	0.00E+00	7.00E-02	3.73E-05	2.65E-01	0.00E+00	2.05E-09	1.02E-09	7.33E-05	2.48E-08	1.29E-02	0.00E+00	2.65E-01	1.29E-07	2.65E-01	2.78E-01	1.29E-02	0.00E+00	0.00E+00	0.00E+00	2.55E+00
	B46048	1.05E-04	8.33E-02	2.87E-04	8.30E-02	2.49E-10	0.00E+00	1.94E+00	7.22E-07	2.57E-05	2.57E-04	0.00E+00	2.30E-02	1.81E-08	2.38E-09	8.10E-04	2.89E-02	0.00E+00	0.00E+00	7.00E-02	3.73E-05	2.65E-01	0.00E+00	2.05E-09	1.02E-09	7.33E-05	2.48E-08	1.29E-02	0.00E+00	2.65E-01	1.29E-07	2.65E-01	2.78E-01	1.29E-02	0.00E+00	0.00E+00	0.00E+00	2.55E+00
	B46050	2.15E-04	4.41E-02	1.09E-03	4.30E-02	2.59E-10	0.00E+00	3.41E-01	6.82E-07	4.16E-05	4.29E-04	0.00E+00	1.13E-03	9.14E-10	6.82E-10	3.02E-03	9.71E-02	0.00E+00	0.00E+00	2.27E-01	1.70E-05	6.43E-01	0.00E+00	4.88E-09	2.33E-09	1.29E-04	1.32E-08	4.15E-02	0.00E+00	6.43E-01	2.58E-07	6.43E-01	6.84E-01	4.15E-02	0.00E+00	0.00E+00	0.00E+00	8.15E+00
	B46052	2.15E-04	4.41E-02	1.09E-03	4.30E-02	2.59E-10	0.00E+00	3.41E-01	6.82E-07	4.16E-05	4.29E-04	0.00E+00	1.13E-03	9.14E-10	6.82E-10	3.02E-03	9.71E-02	0.00E+00	0.00E+00	2.27E-01	1.70E-05	6.43E-01	0.00E+00	4.88E-09	2.33E-09	1.29E-04	1.32E-08	4.15E-02	0.00E+00	6.43E-01	2.58E-07	6.43E-01	6.84E-01	4.15E-02	0.00E+00	0.00E+00	0.00E+00	8.15E+00
	B46053	2.15E-04	4.41E-02	1.09E-03	4.30E-02	2.59E-10	0.00E+00	3.41E-01	6.82E-07	4.16E-05	4.29E-04	0.00E+00	1.13E-03	9.14E-10	6.82E-10	3.02E-03	9.71E-02	0.00E+00	0.00E+00	2.27E-01	1.70E-05	6.43E-01	0.00E+00	4.88E-09	2.33E-09	1.29E-04	1.32E-08	4.15E-02	0.00E+00	6.43E-01	2.58E-07	6.43E-01	6.84E-01	4.15E-02	0.00E+00	0.00E+00	0.00E+00	8.15E+00
	B46055	2.99E-04	6.41E-02	1.75E-03	6.23E-02	3.93E-10	0.00E+00	6.09E-01	1.06E-06	6.03E-05	5.98E-04	0.00E+00	2.26E-03	1.82E-09	1.20E-09	4.87E-03	1.52E-01	0.00E+00	0.00E+00	3.51E-01	2.63E-05	9.12E-01	0.00E+00	6.82E-09	3.22E-09	1.78E-04	2.04E-08	6.40E-02	0.00E+00	9.12E-01	3.28E-07	9.12E-01	9.76E-01	6.40E-02	0.00E+00	0.00E+00	0.00E+00	1.25E+01
	B46057	2.99E-04	6.41E-02	1.75E-03	6.23E-02	3.93E-10	0.00E+00	6.09E-01	1.06E-06	6.03E-05	5.98E-04	0.00E+00	2.26E-03	1.82E-09	1.20E-09	4.87E-03	1.52E-01	0.00E+00	0.00E+00	3.51E-01	2.63E-05	9.12E-01	0.00E+00	6.82E-09	3.22E-09	1.78E-04	2.04E-08	6.40E-02	0.00E+00	9.12E-01	3.28E-07	9.12E-01	9.76E-01	6.40E-02	0.00E+00	0.00E+00	0.00E+00	1.25E+01
	B46058	2.99E-04	6.41E-02	1.75E-03	6.23E-02	3.93E-10	0.00E+00	6.09E-01	1.06E-06	6.03E-05	5.98E-04	0.00E+00	2.26E-03	1.82E-09	1.20E-09	4.87E-03	1.52E-01	0.00E+00	0.00E+00	3.51E-01	2.63E-05	9.12E-01	0.00E+00	6.82E-09	3.22E-09	1.78E-04	2.04E-08	6.40E-02	0.00E+00	9.12E-01	3.28E-07	9.12E-01	9.76E-01	6.40E-02	0.00E+00	0.00E+00	0.00E+00	1.25E+01
	B46070	1.29E-04	5.56E-02	3.89E-04	5.53E-02	1.97E-10	0.00E+00	1.01E+00	5.37E-07	2.62E-05	2.80E-04	0.00E+00	1.15E-02	9.06E-09	1.28E-09	1.09E-03	3.92E-02	0.00E+00	0.00E+00	9.48E-02	2.31E-05	3.50E-01	0.00E+00	2.74E-09	1.34E-09	8.37E-05	1.59E-08	1.75E-02	0.00E+00	3.50E-01	1.74E-07	3.50E-01	3.67E-01	1.75E-02	0.00E+00	0.00E+00	0.00E+00	3.46E+00
	B46072	1.29E-04	5.56E-02	3.89E-04	5.53E-02	1.97E-10	0.00E+00	1.01E+00	5.37E-07	2.62E-05	2.80E-04	0.00E+00	1.15E-02	9.06E-09	1.28E-09	1.09E-03	3.92E-02	0.00E+00	0.00E+00	9.48E-02	2.31E-05	3.50E-01	0.00E+00	2.74E-09	1.34E-09	8.37E-05	1.59E-08	1.75E-02	0.00E+00	3.50E-01	1.74E-07	3.50E-01	3.67E-01	1.75E-02	0.00E+00	0.00E+00	0.00E+00	3.46E+00
	B46073	1.29E-04	5.56E-02	3.89E-04	5.53E-02	1.97E-10	0.00E+00	1.01E+00	5.37E-07	2.62E-05	2.80E-04	0.00E+00	1.15E-02	9.06E-09	1.28E-09	1.09E-03	3.92E-02	0.00E+00	0.00E+00	9.48E-02	2.31E-05	3.50E-01	0.00E+00	2.74E-09	1.34E-09	8.37E-05	1.59E-08	1.75E-02	0.00E+00	3.50E-01	1.74E-07	3.50E-01	3.67E-01	1.75E-02	0.00E+00	0.00E+00	0.00E+00	3.46E+00
	B46075	2.26E-04	4.60E-02	1.12E-03	4.49E-02	2.69E-10	0.00E+00	3.46E-01	7.06E-07	4.35E-05	4.50E-04	0.00E+00	1.13E-03	9.15E-10	6.95E-10	3.12E-03	1.01E-01	0.00E+00	0.00E+00	2.35E-01	1.76E-05	6.73E-01	0.00E+00	5.12E-09	2.44E-09	1.36E-04	1.37E-08	4.30E-02	0.00E+00	6.73E-01	2.74E-07	6.73E-01	7.16E-01	4.30E-02	0.00E+00	0.00E+00	0.00E+00	8.45E+00
	B46077	2.26E-04	4.60E-02	1.12E-03	4.49E-02	2.69E-10	0.00E+00	3.46E-01	7.06E-07	4.35E-05	4.50E-04	0.00E+00	1.13E-03	9.15E-10	6.95E-10	3.12E-03	1.01E-01	0.00E+00	0.00E+00	2.35E-01	1.76E-05	6.73E-01	0.00E+00	5.12E-09	2.44E-09	1.36E-04	1.37E-08	4.30E-02	0.00E+00	6.73E-01	2.74E-07	6.73E-01	7.16E-01	4.30E-02	0.00E+00	0.00E+00	0.00E+00	8.45E+00
	B46078	2.26E-04	4.60E-02	1.12E-03	4.49E-02	2.69E-10	0.00E+00	3.46E-01	7.06E-07	4.35E-05	4.50E-04	0.00E+00	1.13E-03	9.15E-10	6.95E-10	3.12E-03	1.01E-01	0.00E+00	0.00E+00	2.35E-01	1.76E-05	6.73E-01	0.00E+00	5.12E-09	2.44E-09	1.36E-04	1.37E-08	4.30E-02	0.00E+00	6.73E-01	2.74E-07	6.73E-01	7.16E-01	4.30E-02	0.00E+00	0.00E+00	0.00E+00	8.45E+00
	B46080	7.81E-05	1.42E-02	2.50E-04	1.39E-02	7.36E-11	0.00E+00	4.27E-02	1.79E-07	1.36E-05	1.54E-04	0.00E+00	2.03E-07	5.41E-12	9.66E-11	6.94E-04	2.52E-02	0.00E+00	0.00E+00	6.10E-02	4.51E-06	2.21E-01	0.00E+00	1.74E-09	8.49E-10	4.79E-05	3.58E-09	1.12E-02	0.00E+00	2.21E-01	1.12E-07	2.21E-01	2.33E-01	1.12E-02	0.00E+00	0.00E+00	0.00E+00	2.22E+00
	B46082	7.81E-05	1.42E-02	2.50E-04	1.39E-02	7.36E-11	0.00E+00	4.27E-02	1.79E-07	1.36E-05	1.54E-04	0.00E+00	2.03E-07	5.41E-12	9.66E-11	6.94E-04	2.52E-02	0.00E+00	0.00E+00	6.10E-02	4.51E-06	2.21E-01	0.00E+00	1.74E-09	8.49E-10	4.79E-05	3.58E-09	1.12E-02	0.00E+00	2.21E-01	1.12E-07	2.21E-01	2.33E-01	1.12E-02	0.00E+00	0.00E+00	0.00E+00	2.22E+00
	B46083	7.81E-05	1.42E-02	2.50E-04	1.39E-02	7.36E-11	0.00E+00	4.27E-02	1.79E-07	1.36E-05	1.54E-04	0.00E+00	2.03E-07	5.41E-12	9.66E-11	6.94E-04	2.52E-02	0.00E+00	0.00E+00	6.10E-02	4.51E-06	2.21E-01	0.00E+00	1.74E-09	8.49E-10	4.79E-05	3.58E-09	1.12E-02	0.00E+00	2.21E-01	1.12E-07	2.21E-01	2.33E-01	1.12E-02	0.00E+00	0.00E+00	0.00E+00	2.22E+00
	B46087	1.27E-04	2.33E-02	4.60E-04	2.29E-02	1.26E-10	0.00E+00	8.85E-02	3.21E-07	2.22E-05	2.52E-04	0.00E+00	3.47E-07	1.21E-11	1.97E-10	1.19E-03	4.28E-02	0.00E+00	0.00E+00	1.09E-01	7.71E-06	3.65E-01	0.00E+00	2.87E-09	1.39E-09	7.79E-05	6.10E-09	1.99E-02	0.00E+00	3.65E-01	1.78E-07	3.65E-01	3.85E-01	1.99E-02	0.00E+00	0.00E+00	0.00E+00	3.96E+00
	B46088	1.27E-04	2.33E-02	4.60E-04	2.29E-02	1.26E-10	0.00E+00	8.85E-02	3.21E-07	2.22E-05	2.52E-04	0.00E+00	3.47E-07	1.21E-11	1.97E-10	1.19E-03	4.28E-02	0.00E+00	0.00E+00	1.09E-01	7.71E-06	3.65E-01	0.00E+00	2.87E-09	1.39E-09	7.79E-05	6.10E-09	1.99E-02	0.00E+00	3.65E-01	1.78E-07	3.65E-01	3.85E-01	1.99E-02	0.00E+00	0.00E+00	0.00E+00	3.96E+00
	B46089	1.27E-04	2.33E-02	4.60E-04	2.29E-02	1.26E-10	0.00E+00	8.85E-02	3.21E-07	2.22E-05	2.52E-04	0.00E+00	3.47E-07	1.21E-11	1.97E-10	1.19E-03	4.28E-02	0.00E+00	0.00E+00	1.09E-01	7.71E-06	3.65E-01	0.00E+00	2.87E-09	1.39E-09	7.79E-05	6.10E-09	1.99E-02	0.00E+00	3.65E-01	1.78E-07	3.65E-01	3.85E-01	1.99E-02	0.00E+00	0.00E+00	0.00E+00	3.96E+00
	B46090	4.12E-05	7.46E-03	1.32E-04	7.33E-03	3.88E-11	0.00E+00	2.25E-02	9.45E-08	7.16E-06	8.12E-05	0.00E+00	1.07E-07	2.85E-12	5.09E-11	3.66E-04	1.33E-02	0.00E+00	0.00E+00	3.21E-02	2.38E-06	1.17E-01	0.00E+00	9.19E-10	4.47E-10	2.53E-05	1.88E-09	5.92E-03	0.00E+00	1.17E-01	5.90E-08	1.17E-01	1.23E-01	5.92E-03	0.00E+00	0.00E+00	0.00E+00	1.17E+00
	B46092	4.12E-05	7.46E-03	1.32E-04	7.33E-03	3.88E-11	0.00E+00	2.25E-02	9.45E-08	7.16E-06	8.12E-05	0.00E+00	1.07E-07	2.85E-12	5.09E-11	3.66E-04	1.33E-02	0.00E+00	0.00E+00	3.21E-02	2.38E-06	1.17E-01	0.00E+00	9.19E-10	4.47E-10	2.53E-05	1.88E-09	5.92E-03	0.00E+00	1.17E-01	5.90E-08	1.17E-01	1.23E-01	5.92E-03	0.00E+00	0.00E+00	0.00E+00	1.17E+00
	B46093	4.12E-05	7.46E-03	1.32E-04	7.33E-03	3.88E-11	0.00E+00	2.25E-02	9.45E-08	7.16E-06	8.12E-05	0.00E+00	1.07E-07	2.85E-12	5.09E-11	3.66E-04	1.33E-02	0.00E+00	0.00E+00	3.21E-02	2.38E-06	1.17E-01	0.00E+00	9.19E-10	4.47E-10	2.53E-05	1.88E-09	5.92E-03	0.00E+00	1.17E-01	5.90E-08	1.17E-01	1.23E-01	5.92E-03	0.00E+00	0.00E+00	0.00E+00	1.17E+00
	B46097	7.14E-05	1.27E-02	2.29E-04	1.25E-02	6.74E-11	0.00E+00	3.91E-02	1.64E-07	1.24E-05	1.41E-04	0.00E+00	1.86E-07	4.95E-12	8.85E-11	6.36E-04	2.31E-02	0.00E+00	0.00E+00	5.58E-02	4.13E-06	2.03E-01	0.00E+00	1.60E-09	7.77E-10	4.38E-05	3.27E-09	1.03E-02	0.00E+00	2.03E-01	1.03E-07	2.03E-01	2.13E-01	1.03E-02	0.00E+00	0.00E+00	0.00E+00	2.04E+00
	B46100	3.81E-05	6.91E-03	1.22E-04	6.79E-03	3.59E-11	0.00E+00	2.08E-02	8.75E-08	6.63E-06	7.52E-05	0.00E+00	9.92E-08	2.64E-12	4.71E-11	3.39E-04	1.23E-02	0.00E+00	0.00E+00	2.97E-02	2.20E-06	1.08E-01	0.00E+00	8.51E-10	4.14E-10	2.34E-05	1.74E-09	5.49E-03	0.00E+00	1.08E-01	5.47E-08	1.08E-01	1.14E-01	5.49E-03	0.00E+00	0.00E+00	0.00E+00	1.08E+00
	B46102	3.81E-05	6.91E-03	1.22E-04	6.79E-03	3.59E-11	0.00E+00	2.08E-02	8.75E-08	6.63E-06	7.52E-05	0.00E+00	9.92E-08	2.64E-12	4.71E-11	3.39E-04	1.23E-02	0.00E+00	0.00E+00	2.97E-02	2.20E-06	1.08E-01	0.00E+00	8.51E-10	4.14E-10	2.34E-05	1.74E-09	5.49E-03	0.00E+00	1.08E-01	5.47E-08	1.08E-01	1.14E-01	5.49E-03	0.00E+00	0.00E+00	0.00E+00	1.08E+00
	B46103	3.81E-05	6.91E-03	1.22E-04	6.79E-03	3.59E-11	0.00E+00	2.08E-02	8.75E-08	6.63E-06	7.52E-05	0.00E+00	9.92E-08	2.64E-12	4.71E-11	3.39E-04	1.23E-02	0.00E+00	0.00E+00	2.97E-02	2.20E-06	1.08E-01	0.00E+00	8.51E-10	4.14E-10	2.34E-05	1.74E-09	5.49E-03	0.00E+00	1.08E-01	5.47E-08	1.08E-01	1.14E-01	5.49E-03	0.00E+00	0.00E+00	0.00E+00	1.08E+00
	B46105	1.15E-04	4.00E-02	2.06E-02	1.94E-02	4.01E-10	0.00E+00	3.45E-01	1.23E-07	2.49E-05	3.18E-04	0.00E+00	1.16E-02	6.47E-12	1.80E-10	5.23E-03	1.42E-02	1.09E-03	1.21E-03	3.53E-02	1.62E-03	3.40E-01	0.00E+00	1.40E-09	9.60E-10	7.49E-05	6.59E-07	2.74E-02	0.00E+00	3.40E-01	6.00E-08	3.40E-01	3.68E-01	2.74E-02	0.00E+00	0.00E+00	0.00E+00	1.28E+00
	B46106	1.96E-04	7.42E-02	4.15E-02	3.27E-02	8.44E-10	0.00E+00	6.89E-01	1.36E-07	4.42E-05	5.77E-04	0.00E+00	2.41E-02	9.35E-12	2.94E-10	1.13E-02	1.31E-02	3.77E-03	4.18E-03	3.04E-02	3.47E-03	5.86E-01	0.00E+00	1.84E-09	1.51E-09	1.29E-04	1.39E-06	5.27E-02	0.00E+00	5.86E-01	5.98E-08	5.86E-01	6.39E-01	5.27E-02	0.00E+00	0.00E+00	0.00E+00	1.11E+00
	B46107	1.28E-04	4.63E-02	2.49E-02	2.14E-02	4.57E-10	0.00E+00	4.06E-01	1.25E-07	2.81E-05	3.61E-04	0.00E+00	1.39E-02	7.09E-12	2.03E-10	5.97E-03	1.42E-02	9.39E-04	1.04E-03	3.54E-02	1.92E-03	3.79E-01	0.00E+00	1.48E-09	1.05E-09	8.38E-05	7.82E-07	3.06E-02	0.00E+00	3.79E-01	5.96E-08	3.79E-01	4.10E-01	3.06E-02	0.00E+00	0.00E+00	0.00E+00	1.29E+00
	B46110	7.92E-05	3.52E-02	2.24E-02	1.28E-02	3.82E-10	0.00E+00	3.43E-01	1.91E-08	1.91E-05	2.55E-04	0.00E+00	1.26E-02	3.39E-12	1.26E-10	5.12E-03	2.79E-04	9.35E-04	1.04E-03	1.87E-05	1.74E-03	2.38E-01	0.00E+00	5.00E-10	5.47E-10	5.34E-05	7.11E-07	2.22E-02	0.00E+00	2.38E-01	2.00E-09	2.38E-01	2.60E-01	2.22E-02	0.00E+00	0.00E+00	0.00E+00	8.28E-04
	B46111	8.58E-05	3.83E-02	2.44E-02	1.39E-02	4.12E-10	0.00E+00	3.72E-01	2.04E-08	2.07E-05	2.77E-04	0.00E+00	1.37E-02	3.67E-12	1.37E-10	5.52E-03	3.03E-04	9.45E-04	1.05E-03	2.02E-05	1.89E-03	2.58E-01	0.00E+00	5.42E-10	5.93E-10	5.79E-05	7.70E-07	2.39E-02	0.00E+00	2.58E-01	2.16E-09	2.58E-01	2.82E-01	2.39E-02	0.00E+00	0.00E+00	0.00E+00	8.92E-04
	B46112	1.65E-04	7.52E-02	4.85E-02	2.66E-02	7.70E-10	0.00E+00	7.25E-01	3.52E-08	4.01E-05	5.36E-04	0.00E+00	2.69E-02	7.12E-12	2.66E-10	1.03E-02	5.82E-04	9.06E-04	1.00E-03	3.76E-05	3.64E-03	4.96E-01	0.00E+00	1.05E-09	1.14E-09	1.12E-04	1.49E-06	4.46E-02	0.00E+00	4.96E-01	4.09E-09	4.96E-01	5.40E-01	4.46E-02	0.00E+00	0.00E+00	0.00E+00	1.65E-03
	B46130	9.43E-05	1.69E-02	3.02E-04	1.66E-02	8.89E-11	0.00E+00	5.16E-02	2.17E-07	1.64E-05	1.86E-04	0.00E+00	2.46E-07	6.54E-12	1.17E-10	8.39E-04	3.05E-02	0.00E+00	0.00E+00	7.37E-02	5.45E-06	2.68E-01	0.00E+00	2.11E-09	1.03E-09	5.79E-05	4.32E-09	1.36E-02	0.00E+00	2.68E-01	1.35E-07	2.68E-01	2.81E-01	1.36E-02	0.00E+00	0.00E+00	0.00E+00	2.69E+00
	B46132	9.43E-05	1.69E-02	3.02E-04	1.66E-02	8.89E-11	0.00E+00	5.16E-02	2.17E-07	1.64E-05	1.86E-04	0.00E+00	2.46E-07	6.54E-12	1.17E-10	8.39E-04	3.05E-02	0.00E+00	0.00E+00	7.37E-02	5.45E-06	2.68E-01	0.00E+00	2.11E-09	1.03E-09	5.79E-05	4.32E-09	1.36E-02	0.00E+00	2.68E-01	1.35E-07	2.68E-01	2.81E-01	1.36E-02	0.00E+00	0.00E+00	0.00E+00	2.69E+00
	B46133	9.43E-05	1.69E-02	3.02E-04	1.66E-02	8.89E-11	0.00E+00	5.16E-02	2.17E-07	1.64E-05	1.86E-04	0.00E+00	2.46E-07	6.54E-12	1.17E-10	8.39E-04	3.05E-02	0.00E+00	0.00E+00	7.37E-02	5.45E-06	2.68E-01	0.00E+00	2.11E-09	1.03E-09	5.79E-05	4.32E-09	1.36E-02	0.00E+00	2.68E-01	1.35E-07	2.68E-01	2.81E-01	1.36E-02	0.00E+00	0.00E+00	0.00E+00	2.69E+00
	B46135	8.53E-05	1.53E-02	2.73E-04	1.50E-02	8.04E-11	0.00E+00	4.66E-02	1.96E-07	1.48E-05	1.68E-04	0.00E+00	2.22E-07	5.91E-12	1.06E-10	7.58E-04	2.75E-02	0.00E+00	0.00E+00	6.66E-02	4.93E-06	2.42E-01	0.00E+00	1.91E-09	9.27E-10	5.23E-05	3.91E-09	1.23E-02	0.00E+00	2.42E-01	1.22E-07	2.42E-01	2.54E-01	1.23E-02	0.00E+00	0.00E+00	0.00E+00	2.43E+00
	B46136	8.53E-05	1.53E-02	2.73E-04	1.50E-02	8.04E-11	0.00E+00	4.66E-02	1.96E-07	1.48E-05	1.68E-04	0.00E+00	2.22E-07	5.91E-12	1.06E-10	7.58E-04	2.75E-02	0.00E+00	0.00E+00	6.66E-02	4.93E-06	2.42E-01	0.00E+00	1.91E-09	9.27E-10	5.23E-05	3.91E-09	1.23E-02	0.00E+00	2.42E-01	1.22E-07	2.42E-01	2.54E-01	1.23E-02	0.00E+00	0.00E+00	0.00E+00	2.43E+00
	B46137	8.53E-05	1.53E-02	2.73E-04	1.50E-02	8.04E-11	0.00E+00	4.66E-02	1.96E-07	1.48E-05	1.68E-04	0.00E+00	2.22E-07	5.91E-12	1.06E-10	7.58E-04	2.75E-02	0.00E+00	0.00E+00	6.66E-02	4.93E-06	2.42E-01	0.00E+00	1.91E-09	9.27E-10	5.23E-05	3.91E-09	1.23E-02	0.00E+00	2.42E-01	1.22E-07	2.42E-01	2.54E-01	1.23E-02	0.00E+00	0.00E+00	0.00E+00	2.43E+00
	B46140	9.71E-05	1.74E-02	3.11E-04	1.71E-02	9.15E-11	0.00E+00	5.31E-02	2.23E-07	1.69E-05	1.91E-04	0.00E+00	2.53E-07	6.73E-12	1.20E-10	8.63E-04	3.13E-02	0.00E+00	0.00E+00	7.58E-02	5.61E-06	2.75E-01	0.00E+00	2.17E-09	1.06E-09	5.95E-05	4.45E-09	1.40E-02	0.00E+00	2.75E-01	1.39E-07	2.75E-01	2.89E-01	1.40E-02	0.00E+00	0.00E+00	0.00E+00	2.77E+00

	B46142	9.71E-05	1.74E-02	3.11E-04	1.71E-02	9.15E-11	0.00E+00	5.31E-02	2.23E-07	1.69E-05	1.91E-04	0.00E+00	2.53E-07	6.73E-12	1.20E-10	8.63E-04	3.13E-02	0.00E+00	0.00E+00	7.58E-02	5.61E-06	2.75E-01	0.00E+00	2.17E-09	1.06E-09	5.95E-05	4.45E-09	1.40E-02	0.00E+00	2.75E-01	1.39E-07	2.75E-01	2.89E-01	1.40E-02	0.00E+00	0.00E+00	0.00E+00	2.77E+00
	B46143	9.71E-05	1.74E-02	3.11E-04	1.71E-02	9.15E-11	0.00E+00	5.31E-02	2.23E-07	1.69E-05	1.91E-04	0.00E+00	2.53E-07	6.73E-12	1.20E-10	8.63E-04	3.13E-02	0.00E+00	0.00E+00	7.58E-02	5.61E-06	2.75E-01	0.00E+00	2.17E-09	1.06E-09	5.95E-05	4.45E-09	1.40E-02	0.00E+00	2.75E-01	1.39E-07	2.75E-01	2.89E-01	1.40E-02	0.00E+00	0.00E+00	0.00E+00	2.77E+00
	B46145	9.71E-05	1.74E-02	3.11E-04	1.71E-02	9.15E-11	0.00E+00	5.31E-02	2.23E-07	1.69E-05	1.91E-04	0.00E+00	2.53E-07	6.73E-12	1.20E-10	8.63E-04	3.13E-02	0.00E+00	0.00E+00	7.58E-02	5.61E-06	2.75E-01	0.00E+00	2.17E-09	1.06E-09	5.95E-05	4.45E-09	1.40E-02	0.00E+00	2.75E-01	1.39E-07	2.75E-01	2.89E-01	1.40E-02	0.00E+00	0.00E+00	0.00E+00	2.77E+00
	B46147	9.71E-05	1.74E-02	3.11E-04	1.71E-02	9.15E-11	0.00E+00	5.31E-02	2.23E-07	1.69E-05	1.91E-04	0.00E+00	2.53E-07	6.73E-12	1.20E-10	8.63E-04	3.13E-02	0.00E+00	0.00E+00	7.58E-02	5.61E-06	2.75E-01	0.00E+00	2.17E-09	1.06E-09	5.95E-05	4.45E-09	1.40E-02	0.00E+00	2.75E-01	1.39E-07	2.75E-01	2.89E-01	1.40E-02	0.00E+00	0.00E+00	0.00E+00	2.77E+00
	B46148	9.71E-05	1.74E-02	3.11E-04	1.71E-02	9.15E-11	0.00E+00	5.31E-02	2.23E-07	1.69E-05	1.91E-04	0.00E+00	2.53E-07	6.73E-12	1.20E-10	8.63E-04	3.13E-02	0.00E+00	0.00E+00	7.58E-02	5.61E-06	2.75E-01	0.00E+00	2.17E-09	1.06E-09	5.95E-05	4.45E-09	1.40E-02	0.00E+00	2.75E-01	1.39E-07	2.75E-01	2.89E-01	1.40E-02	0.00E+00	0.00E+00	0.00E+00	2.77E+00
	G45BLIND19011	4.12E-05	7.46E-03	1.32E-04	7.33E-03	3.88E-11	0.00E+00	2.25E-02	9.45E-08	7.16E-06	8.12E-05	0.00E+00	1.07E-07	2.85E-12	5.09E-11	3.66E-04	1.33E-02	0.00E+00	0.00E+00	3.21E-02	2.38E-06	1.17E-01	0.00E+00	9.19E-10	4.47E-10	2.53E-05	1.88E-09	5.92E-03	0.00E+00	1.17E-01	5.90E-08	1.17E-01	1.23E-01	5.92E-03	0.00E+00	0.00E+00	0.00E+00	1.17E+00
	G45BLIND19016	4.12E-05	7.46E-03	1.32E-04	7.33E-03	3.88E-11	0.00E+00	2.25E-02	9.45E-08	7.16E-06	8.12E-05	0.00E+00	1.07E-07	2.85E-12	5.09E-11	3.66E-04	1.33E-02	0.00E+00	0.00E+00	3.21E-02	2.38E-06	1.17E-01	0.00E+00	9.19E-10	4.47E-10	2.53E-05	1.88E-09	5.92E-03	0.00E+00	1.17E-01	5.90E-08	1.17E-01	1.23E-01	5.92E-03	0.00E+00	0.00E+00	0.00E+00	1.17E+00
	G45BLIND1LAN	4.12E-05	7.46E-03	1.32E-04	7.33E-03	3.88E-11	0.00E+00	2.25E-02	9.45E-08	7.16E-06	8.12E-05	0.00E+00	1.07E-07	2.85E-12	5.09E-11	3.66E-04	1.33E-02	0.00E+00	0.00E+00	3.21E-02	2.38E-06	1.17E-01	0.00E+00	9.19E-10	4.47E-10	2.53E-05	1.88E-09	5.92E-03	0.00E+00	1.17E-01	5.90E-08	1.17E-01	1.23E-01	5.92E-03	0.00E+00	0.00E+00	0.00E+00	1.17E+00
	G45BLIND29011	7.81E-05	1.42E-02	2.50E-04	1.39E-02	7.36E-11	0.00E+00	4.27E-02	1.79E-07	1.36E-05	1.54E-04	0.00E+00	2.03E-07	5.41E-12	9.66E-11	6.94E-04	2.52E-02	0.00E+00	0.00E+00	6.10E-02	4.51E-06	2.21E-01	0.00E+00	1.74E-09	8.49E-10	4.79E-05	3.58E-09	1.12E-02	0.00E+00	2.21E-01	1.12E-07	2.21E-01	2.33E-01	1.12E-02	0.00E+00	0.00E+00	0.00E+00	2.22E+00
	G45BLIND29016	7.81E-05	1.42E-02	2.50E-04	1.39E-02	7.36E-11	0.00E+00	4.27E-02	1.79E-07	1.36E-05	1.54E-04	0.00E+00	2.03E-07	5.41E-12	9.66E-11	6.94E-04	2.52E-02	0.00E+00	0.00E+00	6.10E-02	4.51E-06	2.21E-01	0.00E+00	1.74E-09	8.49E-10	4.79E-05	3.58E-09	1.12E-02	0.00E+00	2.21E-01	1.12E-07	2.21E-01	2.33E-01	1.12E-02	0.00E+00	0.00E+00	0.00E+00	2.22E+00
	G45BLIND2LAN	7.81E-05	1.42E-02	2.50E-04	1.39E-02	7.36E-11	0.00E+00	4.27E-02	1.79E-07	1.36E-05	1.54E-04	0.00E+00	2.03E-07	5.41E-12	9.66E-11	6.94E-04	2.52E-02	0.00E+00	0.00E+00	6.10E-02	4.51E-06	2.21E-01	0.00E+00	1.74E-09	8.49E-10	4.79E-05	3.58E-09	1.12E-02	0.00E+00	2.21E-01	1.12E-07	2.21E-01	2.33E-01	1.12E-02	0.00E+00	0.00E+00	0.00E+00	2.22E+00
	G45DM0119011	1.05E-04	1.88E-02	3.35E-04	1.84E-02	9.86E-11	0.00E+00	5.72E-02	2.40E-07	1.82E-05	2.06E-04	0.00E+00	2.73E-07	7.25E-12	1.30E-10	9.31E-04	3.38E-02	0.00E+00	0.00E+00	8.17E-02	6.05E-06	2.97E-01	0.00E+00	2.34E-09	1.14E-09	6.42E-05	4.79E-09	1.51E-02	0.00E+00	2.97E-01	1.50E-07	2.97E-01	3.12E-01	1.51E-02	0.00E+00	0.00E+00	0.00E+00	2.98E+00
	G45DM0119016	1.05E-04	1.88E-02	3.35E-04	1.84E-02	9.86E-11	0.00E+00	5.72E-02	2.40E-07	1.82E-05	2.06E-04	0.00E+00	2.73E-07	7.25E-12	1.30E-10	9.31E-04	3.38E-02	0.00E+00	0.00E+00	8.17E-02	6.05E-06	2.97E-01	0.00E+00	2.34E-09	1.14E-09	6.42E-05	4.79E-09	1.51E-02	0.00E+00	2.97E-01	1.50E-07	2.97E-01	3.12E-01	1.51E-02	0.00E+00	0.00E+00	0.00E+00	2.98E+00
	G45DM011LAN	1.05E-04	1.88E-02	3.35E-04	1.84E-02	9.86E-11	0.00E+00	5.72E-02	2.40E-07	1.82E-05	2.06E-04	0.00E+00	2.73E-07	7.25E-12	1.30E-10	9.31E-04	3.38E-02	0.00E+00	0.00E+00	8.17E-02	6.05E-06	2.97E-01	0.00E+00	2.34E-09	1.14E-09	6.42E-05	4.79E-09	1.51E-02	0.00E+00	2.97E-01	1.50E-07	2.97E-01	3.12E-01	1.51E-02	0.00E+00	0.00E+00	0.00E+00	2.98E+00
	G45DM0129011	9.71E-05	1.74E-02	3.11E-04	1.71E-02	9.15E-11	0.00E+00	5.31E-02	2.23E-07	1.69E-05	1.91E-04	0.00E+00	2.53E-07	6.73E-12	1.20E-10	8.63E-04	3.13E-02	0.00E+00	0.00E+00	7.58E-02	5.61E-06	2.75E-01	0.00E+00	2.17E-09	1.06E-09	5.95E-05	4.45E-09	1.40E-02	0.00E+00	2.75E-01	1.39E-07	2.75E-01	2.89E-01	1.40E-02	0.00E+00	0.00E+00	0.00E+00	2.77E+00
	G45DM0129016	9.71E-05	1.74E-02	3.11E-04	1.71E-02	9.15E-11	0.00E+00	5.31E-02	2.23E-07	1.69E-05	1.91E-04	0.00E+00	2.53E-07	6.73E-12	1.20E-10	8.63E-04	3.13E-02	0.00E+00	0.00E+00	7.58E-02	5.61E-06	2.75E-01	0.00E+00	2.17E-09	1.06E-09	5.95E-05	4.45E-09	1.40E-02	0.00E+00	2.75E-01	1.39E-07	2.75E-01	2.89E-01	1.40E-02	0.00E+00	0.00E+00	0.00E+00	2.77E+00
	G45DM012LAN	9.71E-05	1.74E-02	3.11E-04	1.71E-02	9.15E-11	0.00E+00	5.31E-02	2.23E-07	1.69E-05	1.91E-04	0.00E+00	2.53E-07	6.73E-12	1.20E-10	8.63E-04	3.13E-02	0.00E+00	0.00E+00	7.58E-02	5.61E-06	2.75E-01	0.00E+00	2.17E-09	1.06E-09	5.95E-05	4.45E-09	1.40E-02	0.00E+00	2.75E-01	1.39E-07	2.75E-01	2.89E-01	1.40E-02	0.00E+00	0.00E+00	0.00E+00	2.77E+00
	G45DM0519011	1.21E-04	2.20E-02	3.89E-04	2.16E-02	1.14E-10	0.00E+00	6.63E-02	2.79E-07	2.11E-05	2.40E-04	0.00E+00	3.16E-07	8.41E-12	1.50E-10	1.08E-03	3.92E-02	0.00E+00	0.00E+00	9.48E-02	7.02E-06	3.44E-01	0.00E+00	2.71E-09	1.32E-09	7.45E-05	5.56E-09	1.75E-02	0.00E+00	3.44E-01	1.74E-07	3.44E-01	3.62E-01	1.75E-02	0.00E+00	0.00E+00	0.00E+00	3.46E+00
	G45DM0519016	1.21E-04	2.20E-02	3.89E-04	2.16E-02	1.14E-10	0.00E+00	6.63E-02	2.79E-07	2.11E-05	2.40E-04	0.00E+00	3.16E-07	8.41E-12	1.50E-10	1.08E-03	3.92E-02	0.00E+00	0.00E+00	9.48E-02	7.02E-06	3.44E-01	0.00E+00	2.71E-09	1.32E-09	7.45E-05	5.56E-09	1.75E-02	0.00E+00	3.44E-01	1.74E-07	3.44E-01	3.62E-01	1.75E-02	0.00E+00	0.00E+00	0.00E+00	3.46E+00
	G45DM051LAN	1.21E-04	2.20E-02	3.89E-04	2.16E-02	1.14E-10	0.00E+00	6.63E-02	2.79E-07	2.11E-05	2.40E-04	0.00E+00	3.16E-07	8.41E-12	1.50E-10	1.08E-03	3.92E-02	0.00E+00	0.00E+00	9.48E-02	7.02E-06	3.44E-01	0.00E+00	2.71E-09	1.32E-09	7.45E-05	5.56E-09	1.75E-02	0.00E+00	3.44E-01	1.74E-07	3.44E-01	3.62E-01	1.75E-02	0.00E+00	0.00E+00	0.00E+00	3.46E+00
	G45DM0529011	9.71E-05	1.74E-02	3.11E-04	1.71E-02	9.15E-11	0.00E+00	5.31E-02	2.23E-07	1.69E-05	1.91E-04	0.00E+00	2.53E-07	6.73E-12	1.20E-10	8.63E-04	3.13E-02	0.00E+00	0.00E+00	7.58E-02	5.61E-06	2.75E-01	0.00E+00	2.17E-09	1.06E-09	5.95E-05	4.45E-09	1.40E-02	0.00E+00	2.75E-01	1.39E-07	2.75E-01	2.89E-01	1.40E-02	0.00E+00	0.00E+00	0.00E+00	2.77E+00
	G45DM0529016	9.71E-05	1.74E-02	3.11E-04	1.71E-02	9.15E-11	0.00E+00	5.31E-02	2.23E-07	1.69E-05	1.91E-04	0.00E+00	2.53E-07	6.73E-12	1.20E-10	8.63E-04	3.13E-02	0.00E+00	0.00E+00	7.58E-02	5.61E-06	2.75E-01	0.00E+00	2.17E-09	1.06E-09	5.95E-05	4.45E-09	1.40E-02	0.00E+00	2.75E-01	1.39E-07	2.75E-01	2.89E-01	1.40E-02	0.00E+00	0.00E+00	0.00E+00	2.77E+00
	G45DM052LAN	9.71E-05	1.74E-02	3.11E-04	1.71E-02	9.15E-11	0.00E+00	5.31E-02	2.23E-07	1.69E-05	1.91E-04	0.00E+00	2.53E-07	6.73E-12	1.20E-10	8.63E-04	3.13E-02	0.00E+00	0.00E+00	7.58E-02	5.61E-06	2.75E-01	0.00E+00	2.17E-09	1.06E-09	5.95E-05	4.45E-09	1.40E-02	0.00E+00	2.75E-01	1.39E-07	2.75E-01	2.89E-01	1.40E-02	0.00E+00	0.00E+00	0.00E+00	2.77E+00
	G45MM0119011	9.43E-05	1.69E-02	3.02E-04	1.66E-02	8.89E-11	0.00E+00	5.16E-02	2.17E-07	1.64E-05	1.86E-04	0.00E+00	2.46E-07	6.54E-12	1.17E-10	8.39E-04	3.05E-02	0.00E+00	0.00E+00	7.37E-02	5.45E-06	2.68E-01	0.00E+00	2.11E-09	1.03E-09	5.79E-05	4.32E-09	1.36E-02	0.00E+00	2.68E-01	1.35E-07	2.68E-01	2.81E-01	1.36E-02	0.00E+00	0.00E+00	0.00E+00	2.69E+00
	G45MM0119016	9.43E-05	1.69E-02	3.02E-04	1.66E-02	8.89E-11	0.00E+00	5.16E-02	2.17E-07	1.64E-05	1.86E-04	0.00E+00	2.46E-07	6.54E-12	1.17E-10	8.39E-04	3.05E-02	0.00E+00	0.00E+00	7.37E-02	5.45E-06	2.68E-01	0.00E+00	2.11E-09	1.03E-09	5.79E-05	4.32E-09	1.36E-02	0.00E+00	2.68E-01	1.35E-07	2.68E-01	2.81E-01	1.36E-02	0.00E+00	0.00E+00	0.00E+00	2.69E+00
	G45MM011LAN	9.43E-05	1.69E-02	3.02E-04	1.66E-02	8.89E-11	0.00E+00	5.16E-02	2.17E-07	1.64E-05	1.86E-04	0.00E+00	2.46E-07	6.54E-12	1.17E-10	8.39E-04	3.05E-02	0.00E+00	0.00E+00	7.37E-02	5.45E-06	2.68E-01	0.00E+00	2.11E-09	1.03E-09	5.79E-05	4.32E-09	1.36E-02	0.00E+00	2.68E-01	1.35E-07	2.68E-01	2.81E-01	1.36E-02	0.00E+00	0.00E+00	0.00E+00	2.69E+00
	G45MM0129011	8.53E-05	1.53E-02	2.73E-04	1.50E-02	8.04E-11	0.00E+00	4.66E-02	1.96E-07	1.48E-05	1.68E-04	0.00E+00	2.22E-07	5.91E-12	1.06E-10	7.58E-04	2.75E-02	0.00E+00	0.00E+00	6.66E-02	4.93E-06	2.42E-01	0.00E+00	1.91E-09	9.27E-10	5.23E-05	3.91E-09	1.23E-02	0.00E+00	2.42E-01	1.22E-07	2.42E-01	2.54E-01	1.23E-02	0.00E+00	0.00E+00	0.00E+00	2.43E+00
	G45MM0129016	8.53E-05	1.53E-02	2.73E-04	1.50E-02	8.04E-11	0.00E+00	4.66E-02	1.96E-07	1.48E-05	1.68E-04	0.00E+00	2.22E-07	5.91E-12	1.06E-10	7.58E-04	2.75E-02	0.00E+00	0.00E+00	6.66E-02	4.93E-06	2.42E-01	0.00E+00	1.91E-09	9.27E-10	5.23E-05	3.91E-09	1.23E-02	0.00E+00	2.42E-01	1.22E-07	2.42E-01	2.54E-01	1.23E-02	0.00E+00	0.00E+00	0.00E+00	2.43E+00
	G45MM012LAN	8.53E-05	1.53E-02	2.73E-04	1.50E-02	8.04E-11	0.00E+00	4.66E-02	1.96E-07	1.48E-05	1.68E-04	0.00E+00	2.22E-07	5.91E-12	1.06E-10	7.58E-04	2.75E-02	0.00E+00	0.00E+00	6.66E-02	4.93E-06	2.42E-01	0.00E+00	1.91E-09	9.27E-10	5.23E-05	3.91E-09	1.23E-02	0.00E+00	2.42E-01	1.22E-07	2.42E-01	2.54E-01	1.23E-02	0.00E+00	0.00E+00	0.00E+00	2.43E+00
	G45MM0519011	1.11E-04	2.01E-02	3.54E-04	1.97E-02	1.04E-10	0.00E+00	6.05E-02	2.54E-07	1.93E-05	2.18E-04	0.00E+00	2.88E-07	7.67E-12	1.37E-10	9.84E-04	3.57E-02	0.00E+00	0.00E+00	8.64E-02	6.40E-06	3.14E-01	0.00E+00	2.47E-09	1.20E-09	6.80E-05	5.07E-09	1.59E-02	0.00E+00	3.14E-01	1.59E-07	3.14E-01	3.30E-01	1.59E-02	0.00E+00	0.00E+00	0.00E+00	3.15E+00
	G45MM0519016	1.11E-04	2.01E-02	3.54E-04	1.97E-02	1.04E-10	0.00E+00	6.05E-02	2.54E-07	1.93E-05	2.18E-04	0.00E+00	2.88E-07	7.67E-12	1.37E-10	9.84E-04	3.57E-02	0.00E+00	0.00E+00	8.64E-02	6.40E-06	3.14E-01	0.00E+00	2.47E-09	1.20E-09	6.80E-05	5.07E-09	1.59E-02	0.00E+00	3.14E-01	1.59E-07	3.14E-01	3.30E-01	1.59E-02	0.00E+00	0.00E+00	0.00E+00	3.15E+00
	G45MM051LAN	1.11E-04	2.01E-02	3.54E-04	1.97E-02	1.04E-10	0.00E+00	6.05E-02	2.54E-07	1.93E-05	2.18E-04	0.00E+00	2.88E-07	7.67E-12	1.37E-10	9.84E-04	3.57E-02	0.00E+00	0.00E+00	8.64E-02	6.40E-06	3.14E-01	0.00E+00	2.47E-09	1.20E-09	6.80E-05	5.07E-09	1.59E-02	0.00E+00	3.14E-01	1.59E-07	3.14E-01	3.30E-01	1.59E-02	0.00E+00	0.00E+00	0.00E+00	3.15E+00
	G45MM0529011	8.95E-05	1.61E-02	2.87E-04	1.58E-02	8.44E-11	0.00E+00	4.89E-02	2.06E-07	1.56E-05	1.76E-04	0.00E+00	2.33E-07	6.20E-12	1.11E-10	7.96E-04	2.89E-02	0.00E+00	0.00E+00	6.99E-02	5.18E-06	2.54E-01	0.00E+00	2.00E-09	9.74E-10	5.49E-05	4.10E-09	1.29E-02	0.00E+00	2.54E-01	1.28E-07	2.54E-01	2.67E-01	1.29E-02	0.00E+00	0.00E+00	0.00E+00	2.55E+00
	G45MM0529016	8.95E-05	1.61E-02	2.87E-04	1.58E-02	8.44E-11	0.00E+00	4.89E-02	2.06E-07	1.56E-05	1.76E-04	0.00E+00	2.33E-07	6.20E-12	1.11E-10	7.96E-04	2.89E-02	0.00E+00	0.00E+00	6.99E-02	5.18E-06	2.54E-01	0.00E+00	2.00E-09	9.74E-10	5.49E-05	4.10E-09	1.29E-02	0.00E+00	2.54E-01	1.28E-07	2.54E-01	2.67E-01	1.29E-02	0.00E+00	0.00E+00	0.00E+00	2.55E+00
	G45MM052LAN	8.95E-05	1.61E-02	2.87E-04	1.58E-02	8.44E-11	0.00E+00	4.89E-02	2.06E-07	1.56E-05	1.76E-04	0.00E+00	2.33E-07	6.20E-12	1.11E-10	7.96E-04	2.89E-02	0.00E+00	0.00E+00	6.99E-02	5.18E-06	2.54E-01	0.00E+00	2.00E-09	9.74E-10	5.49E-05	4.10E-09	1.29E-02	0.00E+00	2.54E-01	1.28E-07	2.54E-01	2.67E-01	1.29E-02	0.00E+00	0.00E+00	0.00E+00	2.55E+00
	G45MM3019011	3.81E-05	6.91E-03	1.22E-04	6.79E-03	3.59E-11	0.00E+00	2.08E-02	8.75E-08	6.63E-06	7.52E-05	0.00E+00	9.92E-08	2.64E-12	4.71E-11	3.39E-04	1.23E-02	0.00E+00	0.00E+00	2.97E-02	2.20E-06	1.08E-01	0.00E+00	8.51E-10	4.14E-10	2.34E-05	1.74E-09	5.49E-03	0.00E+00	1.08E-01	5.47E-08	1.08E-01	1.14E-01	5.49E-03	0.00E+00	0.00E+00	0.00E+00	1.08E+00
	G45MM3019016	3.81E-05	6.91E-03	1.22E-04	6.79E-03	3.59E-11	0.00E+00	2.08E-02	8.75E-08	6.63E-06	7.52E-05	0.00E+00	9.92E-08	2.64E-12	4.71E-11	3.39E-04	1.23E-02	0.00E+00	0.00E+00	2.97E-02	2.20E-06	1.08E-01	0.00E+00	8.51E-10	4.14E-10	2.34E-05	1.74E-09	5.49E-03	0.00E+00	1.08E-01	5.47E-08	1.08E-01	1.14E-01	5.49E-03	0.00E+00	0.00E+00	0.00E+00	1.08E+00
	G45MM301LAN	3.81E-05	6.91E-03	1.22E-04	6.79E-03	3.59E-11	0.00E+00	2.08E-02	8.75E-08	6.63E-06	7.52E-05	0.00E+00	9.92E-08	2.64E-12	4.71E-11	3.39E-04	1.23E-02	0.00E+00	0.00E+00	2.97E-02	2.20E-06	1.08E-01	0.00E+00	8.51E-10	4.14E-10	2.34E-05	1.74E-09	5.49E-03	0.00E+00	1.08E-01	5.47E-08	1.08E-01	1.14E-01	5.49E-03	0.00E+00	0.00E+00	0.00E+00	1.08E+00
	G45MSET019016	1.15E-04	4.00E-02	2.06E-02	1.94E-02	4.01E-10	0.00E+00	3.45E-01	1.23E-07	2.49E-05	3.18E-04	0.00E+00	1.16E-02	6.47E-12	1.80E-10	5.23E-03	1.42E-02	1.09E-03	1.21E-03	3.53E-02	1.62E-03	3.40E-01	0.00E+00	1.40E-09	9.60E-10	7.49E-05	6.59E-07	2.74E-02	0.00E+00	3.40E-01	6.00E-08	3.40E-01	3.68E-01	2.74E-02	0.00E+00	0.00E+00	0.00E+00	1.28E+00
	G45MSET029016	1.28E-04	4.63E-02	2.49E-02	2.14E-02	4.57E-10	0.00E+00	4.06E-01	1.25E-07	2.81E-05	3.61E-04	0.00E+00	1.39E-02	7.09E-12	2.03E-10	5.97E-03	1.42E-02	9.39E-04	1.04E-03	3.54E-02	1.92E-03	3.79E-01	0.00E+00	1.48E-09	1.05E-09	8.38E-05	7.82E-07	3.06E-02	0.00E+00	3.79E-01	5.96E-08	3.79E-01	4.10E-01	3.06E-02	0.00E+00	0.00E+00	0.00E+00	1.29E+00
	G45MSET039016	1.96E-04	7.42E-02	4.15E-02	3.27E-02	8.44E-10	0.00E+00	6.89E-01	1.36E-07	4.42E-05	5.77E-04	0.00E+00	2.41E-02	9.35E-12	2.94E-10	1.13E-02	1.31E-02	3.77E-03	4.18E-03	3.04E-02	3.47E-03	5.86E-01	0.00E+00	1.84E-09	1.51E-09	1.29E-04	1.39E-06	5.27E-02	0.00E+00	5.86E-01	5.98E-08	5.86E-01	6.39E-01	5.27E-02	0.00E+00	0.00E+00	0.00E+00	1.11E+00
	GKWHO	7.14E-05	1.27E-02	2.29E-04	1.25E-02	6.74E-11	0.00E+00	3.91E-02	1.64E-07	1.24E-05	1.41E-04	0.00E+00	1.86E-07	4.95E-12	8.85E-11	6.36E-04	2.31E-02	0.00E+00	0.00E+00	5.58E-02	4.13E-06	2.03E-01	0.00E+00	1.60E-09	7.77E-10	4.38E-05	3.27E-09	1.03E-02	0.00E+00	2.03E-01	1.03E-07	2.03E-01	2.13E-01	1.03E-02	0.00E+00	0.00E+00	0.00E+00	2.04E+00
	GKWHP	7.53E-06	1.34E-03	2.41E-05	1.32E-03	7.11E-12	0.00E+00	4.12E-03	1.73E-08	1.31E-06	1.48E-05	0.00E+00	1.96E-08	5.22E-13	9.33E-12	6.71E-05	2.43E-03	0.00E+00	0.00E+00	5.89E-03	4.36E-07	2.14E-02	0.00E+00	1.69E-10	8.20E-11	4.62E-06	3.45E-10	1.09E-03	0.00E+00	2.14E-02	1.08E-08	2.14E-02	2.25E-02	1.09E-03	0.00E+00	0.00E+00	0.00E+00	2.15E-01
	GKWHQ	3.23E-05	5.86E-03	1.03E-04	5.76E-03	3.04E-11	0.00E+00	1.77E-02	7.42E-08	5.62E-06	6.38E-05	0.00E+00	8.42E-08	2.24E-12	4.00E-11	2.87E-04	1.04E-02	0.00E+00	0.00E+00	2.52E-02	1.87E-06	9.16E-02	0.00E+00	7.22E-10	3.51E-10	1.98E-05	1.48E-09	4.65E-03	0.00E+00	9.16E-02	4.63E-08	9.16E-02	9.63E-02	4.65E-03	0.00E+00	0.00E+00	0.00E+00	9.20E-01
	GMDSDP	8.58E-05	3.83E-02	2.44E-02	1.39E-02	4.12E-10	0.00E+00	3.72E-01	2.04E-08	2.07E-05	2.77E-04	0.00E+00	1.37E-02	3.67E-12	1.37E-10	5.52E-03	3.03E-04	9.45E-04	1.05E-03	2.02E-05	1.89E-03	2.58E-01	0.00E+00	5.42E-10	5.93E-10	5.79E-05	7.70E-07	2.39E-02	0.00E+00	2.58E-01	2.16E-09	2.58E-01	2.82E-01	2.39E-02	0.00E+00	0.00E+00	0.00E+00	8.92E-04
	GMDSHDMI	7.92E-05	3.52E-02	2.24E-02	1.28E-02	3.82E-10	0.00E+00	3.43E-01	1.91E-08	1.91E-05	2.55E-04	0.00E+00	1.26E-02	3.39E-12	1.26E-10	5.12E-03	2.79E-04	9.35E-04	1.04E-03	1.87E-05	1.74E-03	2.38E-01	0.00E+00	5.00E-10	5.47E-10	5.34E-05	7.11E-07	2.22E-02	0.00E+00	2.38E-01	2.00E-09	2.38E-01	2.60E-01	2.22E-02	0.00E+00	0.00E+00	0.00E+00	8.28E-04
	GMDSVGA	1.66E-04	7.52E-02	4.85E-02	2.66E-02	7.70E-10	0.00E+00	7.25E-01	3.52E-08	4.01E-05	5.36E-04	0.00E+00	2.69E-02	7.12E-12	2.66E-10	1.03E-02	5.82E-04	9.06E-04	1.00E-03	3.76E-05	3.64E-03	4.96E-01	0.00E+00	1.05E-09	1.14E-09	1.12E-04	1.49E-06	4.46E-02	0.00E+00	4.96E-01	4.09E-09	4.96E-01	5.40E-01	4.46E-02	0.00E+00	0.00E+00	0.00E+00	1.65E-03
Module D	B46040	-2.50E-05	-2.90E-02	-7.12E-05	-2.89E-02	0.00E+00	0.00E+00	-1.30E-02	-1.09E-07	-6.29E-06	-7.92E-05	0.00E+00	0.00E+00	-6.95E-12	-6.48E-11	-1.78E-04	-1.95E+00	0.00E+00	0.00E+00	-1.61E-02	0.00E+00	-5.22E-02	0.00E+00	-4.04E-10	-1.07E-09	-2.03E-05	0.00E+00	-2.86E-01	0.00E+00	-5.22E-02	-3.98E-10	-5.22E-02	-3.38E-01	-2.86E-01	0.00E+00	0.00E+00	0.00E+00	-5.63E-01
	B46042	-2.50E-05	-2.90E-02	-7.12E-05	-2.89E-02	0.00E+00	0.00E+00	-1.30E-02	-1.09E-07	-6.29E-06	-7.92E-05	0.00E+00	0.00E+00	-6.95E-12	-6.48E-11	-1.78E-04	-1.95E+00	0.00E+00	0.00E+00	-1.61E-02	0.00E+00	-5.22E-02	0.00E+00	-4.04E-10	-1.07E-09	-2.03E-05	0.00E+00	-2.86E-01	0.00E+00	-5.22E-02	-3.98E-10	-5.22E-02	-3.38E-01	-2.86E-01	0.00E+00	0.00E+00	0.00E+00	-5.63E-01
	B46043	-2.50E-05	-2.90E-02	-7.12E-05	-2.89E-02	0.00E+00	0.00E+00	-1.30E-02	-1.09E-07	-6.29E-06	-7.92E-05	0.00E+00	0.00E+00	-6.95E-12	-6.48E-11	-1.78E-04	-1.95E+00	0.00E+00	0.00E+00	-1.61E-02	0.00E+00	-5.22E-02	0.00E+00	-4.04E-10	-1.07E-09	-2.03E-05	0.00E+00	-2.86E-01	0.00E+00	-5.22E-02	-3.98E-10	-5.22E-02	-3.38E-01	-2.86E-01	0.00E+00	0.00E+00	0.00E+00	-5.63E-01
	B46045	-2.02E-05	-2.35E-02	-5.73E-05	-2.34E-02	0.00E+00	0.00E+00	-1.05E-02	-8.85E-08	-5.09E-06	-6.41E-05	0.00E+00	0.00E+00	-5.63E-12	-5.25E-11	-1.43E-04	-1.58E+00	0.00E+00	0.00E+00	-1.30E-02	0.00E+00	-4.21E-02	0.00E+00	-3.27E-10	-8.65E-10	-1.64E-05	0.00E+00	-2.31E-01	0.00E+00	-4.21E-02	-3.22E-10	-4.21E-02	-2.73E-01	-2.31E-01	0.00E+00	0.00E+00	0.00E+00	-4.55E-01
	B46047	-2.02E-05	-2.35E-02	-5.73E-05	-2.34E-02	0.00E+00	0.00E+00	-1.05E-02	-8.85E-08	-5.09E-06	-6.41E-05	0.00E+00	0.00E+00	-5.63E-12	-5.25E-11	-1.43E-04	-1.58E+00	0.00E+00	0.00E+00	-1.30E-02	0.00E+00	-4.21E-02	0.00E+00	-3.27E-10	-8.65E-10	-1.64E-05	0.00E+00	-2.31E-01	0.00E+00	-4.21E-02	-3.22E-10	-4.21E-02	-2.73E-01	-2.31E-01	0.00E+00	0.00E+00	0.00E+00	-4.55E-01
	B46048	-2.02E-05	-2.35E-02	-5.73E-05	-2.34E-02	0.00E+00	0.00E+00	-1.05E-02	-8.85E-08	-5.09E-06	-6.41E-05	0.00E+00	0.00E+00	-5.63E-12	-5.25E-11	-1.43E-04	-1.58E+00	0.00E+00	0.00E+00	-1.30E-02	0.00E+00	-4.21E-02	0.00E+00	-3.27E-10	-8.65E-10	-1.64E-05	0.00E+00	-2.31E-01	0.00E+00	-4.21E-02	-3.22E-10	-4.21E-02	-2.73E-01	-2.31E-01	0.00E+00	0.00E+00	0.00E+00	-4.55E-01
	B46050	-3.62E-04	-8.94E-02	-6.33E-04	-8.87E-02	0.00E+00	0.00E+00	-1.02E-01	-1.21E-05	-5.05E-05	-5.90E-04	0.00E+00	0.00E+00	-2.22E-10	-1.60E-09	-2.02E-02	-2.79E+00	0.00E+00	0.00E+00	-5.13E-01	0.00E+00	-6.13E-01	0.00E+00	-1.97E-09	-5.12E-09	-2.08E-04	0.00E+00	-5.43E-01	0.00E+00	-6.13E-01	-5.68E-07	-6.13E-01	-1.16E+00	-5.43E-01	0.00E+00	0.00E+00	0.00E+00	-1.90E+01
	B46052	-3.62E-04	-8.94E-02	-6.33E-04	-8.87E-02	0.00E+00	0.00E+00	-1.02E-01	-1.21E-05	-5.05E-05	-5.90E-04	0.00E+00	0.00E+00	-2.22E-10	-1.60E-09	-2.02E-02	-2.79E+00	0.00E+00	0.00E+00	-5.13E-01	0.00E+00	-6.13E-01	0.00E+00	-1.97E-09	-5.12E-09	-2.08E-04	0.00E+00	-5.43E-01	0.00E+00	-6.13E-01	-5.68E-07	-6.13E-01	-1.16E+00	-5.43E-01	0.00E+00	0.00E+00	0.00E+00	-1.90E+01
	B46053	-3.62E-04	-8.94E-02	-6.33E-04	-8.87E-02	0.00E+00	0.00E+00	-1.02E-01	-1.21E-05	-5.05E-05	-5.90E-04	0.00E+00	0.00E+00	-2.22E-10	-1.60E-09	-2.02E-02	-2.79E+00	0.00E+00	0.00E+00	-5.13E-01	0.00E+00	-6.13E-01	0.00E+00	-1.97E-09	-5.12E-09	-2.08E-04	0.00E+00	-5.43E-01	0.00E+00	-6.13E-01	-5.68E-07	-6.13E-01	-1.16E+00	-5.43E-01	0.00E+00	0.00E+00	0.00E+00	-1.90E+01
	B46055	-6.94E-04	-1.44E-01	-1.18E-03	-1.43E-01	0.00E+00	0.00E+00	-1.88E-01	-2.42E-05	-9.35E-05	-1.09E-03	0.00E+00	0.00E+00	-4.35E-10	-3.12E-09	-4.03E-02	-3.25E+00	0.00E+00	0.00E+00	-1.01E+00	0.00E+00	-1.16E+00	0.00E+00	-3.47E-09	-8.98E-09	-3.92E-04	0.00E+00	-7.46E-01	0.00E+00	-1.16E+00	-1.14E-06	-1.16E+00	-1.91E+00	-7.46E-01	0.00E+00	0.00E+00	0.00E+00	-3.74E+01
	B46057	-6.94E-04	-1.44E-01	-1.18E-03	-1.43E-01	0.00E+00	0.00E+00	-1.88E-01	-2.42E-05	-9.35E-05	-1.09E-03	0.00E+00	0.00E+00	-4.35E-10	-3.12E-09	-4.03E-02	-3.25E+00	0.00E+00	0.00E+00	-1.01E+00	0.00E+00	-1.16E+00	0.00E+00	-3.47E-09	-8.98E-09	-3.92E-04	0.00E+00	-7.46E-01	0.00E+00	-1.16E+00	-1.14E-06	-1.16E+00	-1.91E+00	-7.46E-01	0.00E+00	0.00E+00	0.00E+00	-3.74E+01
	B46058	-6.94E-04	-1.44E-01	-1.18E-03	-1.43E-01	0.00E+00	0.00E+00	-1.88E-01	-2.42E-05	-9.35E-05	-1.09E-03	0.00E+00	0.00E+00	-4.35E-10	-3.12E-09	-4.03E-02	-3.25E+00	0.00E+00	0.00E+00	-1.01E+00	0.00E+00	-1.16E+00	0.00E+00	-3.47E-09	-8.98E-09	-3.92E-04	0.00E+00	-7.46E-01	0.00E+00	-1.16E+00	-1.14E-06	-1.16E+00	-1.91E+00	-7.46E-01	0.00E+00	0.00E+00	0.00E+00	-3.74E+01
	B46070	-2.74E-05	-3.18E-02	-7.81E-05	-3.17E-02	0.00E+00	0.00E+00	-1.43E-02	-1.20E-07	-6.90E-06	-8.69E-05	0.00E+00	0.00E+00	-7.63E-12	-7.11E-11	-1.95E-04	-2.14E+00	0.00E+00	0.00E+00	-1.77E-02	0.00E+00	-5.72E-02	0.00E+00	-4.43E-10	-1.17E-09	-2.22E-05	0.00E+00	-3.13E-01	0.00E+00	-5.72E-02	-4.37E-10	-5.72E-02	-3.70E-01	-3.13E-01	0.00E+00	0.00E+00	0.00E+00	-6.17E-01
	B46072	-2.74E-05	-3.18E-02	-7.81E-05	-3.17E-02	0.00E+00	0.00E+00	-1.43E-02	-1.20E-07	-6.90E-06	-8.69E-05	0.00E+00	0.00E+00	-7.63E-12	-7.11E-11	-1.95E-04	-2.14E+00	0.00E+00	0.00E+00	-1.77E-02	0.00E+00	-5.72E-02	0.00E+00	-4.43E-10	-1.17E-09	-2.22E-05	0.00E+00	-3.13E-01	0.00E+00	-5.72E-02	-4.37E-10	-5.72E-02	-3.70E-01	-3.13E-01	0.00E+00	0.00E+00	0.00E+00	-6.17E-01
	B46073	-2.74E-05	-3.18E-02	-7.81E-05	-3.17E-02	0.00E+00	0.00E+00	-1.43E-02	-1.20E-07	-6.90E-06	-8.69E-05	0.00E+00	0.00E+00	-7.63E-12	-7.11E-11	-1.95E-04	-2.14E+00	0.00E+00	0.00E+00	-1.77E-02	0.00E+00	-5.72E-02	0.00E+00	-4.43E-10	-1.17E-09	-2.22E-05	0.00E+00	-3.13E-01	0.00E+00	-5.72E-02	-4.37E-10	-5.72E-02	-3.70E-01	-3.13E-01	0.00E+00	0.00E+00	0.00E+00	-6.17E-01
	B46075	-3.64E-04	-9.22E-02	-6.40E-04	-9.15E-02	0.00E+00	0.00E+00	-1.03E-01	-1.22E-05	-5.11E-05	-5.98E-04	0.00E+00	0.00E+00	-2.22E-10	-1.61E-09	-2.03E-02	-2.98E+00	0.00E+00	0.00E+00	-5.14E-01	0.00E+00	-6.18E-01	0.00E+00	-2.01E-09	-5.23E-09	-2.10E-04	0.00E+00	-5.71E-01	0.00E+00	-6.18E-01	-5.68E-07	-6.18E-01	-1.19E+00	-5.71E-01	0.00E+00	0.00E+00	0.00E+00	-1.91E+01
	B46077	-3.64E-04	-9.22E-02	-6.40E-04	-9.15E-02	0.00E+00	0.00E+00	-1.03E-01	-1.22E-05	-5.11E-05	-5.98E-04	0.00E+00	0.00E+00	-2.22E-10	-1.61E-09	-2.03E-02	-2.98E+00	0.00E+00	0.00E+00	-5.14E-01	0.00E+00	-6.18E-01	0.00E+00	-2.01E-09	-5.23E-09	-2.10E-04	0.00E+00	-5.71E-01	0.00E+00	-6.18E-01	-5.68E-07	-6.18E-01	-1.19E+00	-5.71E-01	0.00E+00	0.00E+00	0.00E+00	-1.91E+01
	B46078	-3.64E-04	-9.22E-02	-6.40E-04	-9.15E-02	0.00E+00	0.00E+00	-1.03E-01	-1.22E-05	-5.11E-05	-5.98E-04	0.00E+00	0.00E+00	-2.22E-10	-1.61E-09	-2.03E-02	-2.98E+00	0.00E+00	0.00E+00	-5.14E-01	0.00E+00	-6.18E-01	0.00E+00	-2.01E-09	-5.23E-09	-2.10E-04	0.00E+00	-5.71E-01	0.00E+00	-6.18E-01	-5.68E-07	-6.18E-01	-1.19E+00	-5.71E-01	0.00E+00	0.00E+00	0.00E+00	-1.91E+01
	B46080	-1.76E-05	-2.05E-02	-5.02E-05	-2.04E-02	0.00E+00	0.00E+00	-9.18E-03	-7.72E-08	-4.44E-06	-5.59E-05	0.00E+00	0.00E+00	-4.91E-12	-4.57E-11	-1.25E-04	-1.38E+00	0.00E+00	0.00E+00	-1.14E-02	0.00E+00	-3.68E-02	0.00E+00	-2.85E-10	-7.54E-10	-1.43E-05	0.00E+00	-2.01E-01	0.00E+00	-3.68E-02	-2.81E-10	-3.68E-02	-2.38E-01	-2.01E-01	0.00E+00	0.00E+00	0.00E+00	-3.97E-01
	B46082	7.80E-05	1.41E-02	2.50E-04	1.39E-02	0.00E+00	0.00E+00	4.13E-02	1.79E-07	1.36E-05	1.54E-04	0.00E+00	0.00E+00	5.40E-12	9.65E-11	6.93E-04	2.52E-02	0.00E+00	0.00E+00	6.10E-02	0.00E+00	2.21E-01	0.00E+00	1.74E-09	8.48E-10	4.79E-05	0.00E+00	1.12E-02	0.00E+00	2.21E-01	1.12E-07	2.21E-01	2.32E-01	1.12E-02	0.00E+00	0.00E+00	0.00E+00	2.22E+00
	B46083	-1.76E-05	-2.05E-02	-5.02E-05	-2.04E-02	0.00E+00	0.00E+00	-9.18E-03	-7.72E-08	-4.44E-06	-5.59E-05	0.00E+00	0.00E+00	-4.91E-12	-4.57E-11	-1.25E-04	-1.38E+00	0.00E+00	0.00E+00	-1.14E-02	0.00E+00	-3.68E-02	0.00E+00	-2.85E-10	-7.54E-10	-1.43E-05	0.00E+00	-2.01E-01	0.00E+00	-3.68E-02	-2.81E-10	-3.68E-02	-2.38E-01	-2.01E-01	0.00E+00	0.00E+00	0.00E+00	-3.97E-01
	B46087	-4.47E-05	-3.48E-02	-1.13E-04	-3.47E-02	0.00E+00	0.00E+00	-2.43E-02	-1.17E-06	-9.70E-06	-1.20E-04	0.00E+00	0.00E+00	-3.66E-11	-1.74E-10	-2.40E-04	-2.13E+00	0.00E+00	0.00E+00	-3.80E-02	0.00E+00	-8.97E-02	0.00E+00	-5.85E-10	-1.43E-09	-3.80E-05	0.00E+00	-3.12E-01	0.00E+00	-8.97E-02	-5.71E-08	-8.97E-02	-4.02E-01	-3.12E-01	0.00E+00	0.00E+00	0.00E+00	-1.47E+00
	B46088	-4.47E-05	-3.48E-02	-1.13E-04	-3.47E-02	0.00E+00	0.00E+00	-2.43E-02	-1.17E-06	-9.70E-06	-1.20E-04	0.00E+00	0.00E+00	-3.66E-11	-1.74E-10	-2.40E-04	-2.13E+00	0.00E+00	0.00E+00	-3.80E-02	0.00E+00	-8.97E-02	0.00E+00	-5.85E-10	-1.43E-09	-3.80E-05	0.00E+00	-3.12E-01	0.00E+00	-8.97E-02	-5.71E-08	-8.97E-02	-4.02E-01	-3.12E-01	0.00E+00	0.00E+00	0.00E+00	-1.47E+00
	B46089	-4.47E-05	-3.48E-02	-1.13E-04	-3.47E-02	0.00E+00	0.00E+00	-2.43E-02	-1.17E-06	-9.70E-06	-1.20E-04	0.00E+00	0.00E+00	-3.66E-11	-1.74E-10	-2.40E-04	-2.13E+00	0.00E+00	0.00E+00	-3.80E-02	0.00E+00	-8.97E-02	0.00E+00	-5.85E-10	-1.43E-09	-3.80E-05	0.00E+00	-3.12E-01	0.00E+00	-8.97E-02	-5.71E-08	-8.97E-02	-4.02E-01	-3.12E-01	0.00E+00	0.00E+00	0.00E+00	-1.47E+00
	B46090	4.11E-05	7.44E-03	1.32E-04	7.31E-03	0.00E+00	0.00E+00	2.17E-02	9.44E-08	7.15E-06	8.11E-05	0.00E+00	0.00E+00	2.85E-12	5.08E-11	3.65E-04	1.33E-02	0.00E+00	0.00E+00	3.21E-02	0.00E+00	1.16E-01	0.00E+00	9.19E-10	4.47E-10	2.52E-05	0.00E+00	5.92E-03	0.00E+00	1.16E-01	5.90E-08	1.16E-01	1.22E-01	5.92E-03	0.00E+00	0.00E+00	0.00E+00	1.17E+00
	B46092	-9.29E-06	-1.08E-02	-2.65E-05	-1.07E-02	0.00E+00	0.00E+00	-4.84E-03	-4.07E-08	-2.34E-06	-2.94E-05	0.00E+00	0.00E+00	-2.59E-12	-2.41E-11	-6.61E-05	-7.26E-01	0.00E+00	0.00E+00	-5.99E-03	0.00E+00	-1.94E-02	0.00E+00	-1.50E-10	-3.97E-10	-7.53E-06	0.00E+00	-1.06E-01	0.00E+00	-1.94E-02	-1.48E-10	-1.94E-02	-1.26E-01	-1.06E-01	0.00E+00	0.00E+00	0.00E+00	-2.09E-01
	B46093	-9.29E-06	-1.08E-02	-2.65E-05	-1.07E-02	0.00E+00	0.00E+00	-4.84E-03	-4.07E-08	-2.34E-06	-2.94E-05	0.00E+00	0.00E+00	-2.59E-12	-2.41E-11	-6.61E-05	-7.26E-01	0.00E+00	0.00E+00	-5.99E-03	0.00E+00	-1.94E-02	0.00E+00	-1.50E-10	-3.97E-10	-7.53E-06	0.00E+00	-1.06E-01	0.00E+00	-1.94E-02	-1.48E-10	-1.94E-02	-1.26E-01	-1.06E-01	0.00E+00	0.00E+00	0.00E+00	-2.09E-01
	B46097	-1.61E-05	-1.87E-02	-4.56E-05	-1.87E-02	0.00E+00	0.00E+00	-8.41E-03	-7.07E-08	-4.06E-06	-5.12E-05	0.00E+00	0.00E+00	-4.49E-12	-4.19E-11	-1.14E-04	-1.26E+00	0.00E+00	0.00E+00	-1.04E-02	0.00E+00	-3.36E-02	0.00E+00	-2.61E-10	-6.91E-10	-1.31E-05	0.00E+00	-1.84E-01	0.00E+00	-3.36E-02	-2.57E-10	-3.36E-02	-2.18E-01	-1.84E-01	0.00E+00	0.00E+00	0.00E+00	-3.63E-01
	B46100	-8.61E-06	-9.98E-03	-2.45E-05	-9.95E-03	0.00E+00	0.00E+00	-4.48E-03	-3.76E-08	-2.17E-06	-2.73E-05	0.00E+00	0.00E+00	-2.39E-12	-2.23E-11	-6.12E-05	-6.72E-01	0.00E+00	0.00E+00	-5.55E-03	0.00E+00	-1.80E-02	0.00E+00	-1.39E-10	-3.68E-10	-6.98E-06	0.00E+00	-9.83E-02	0.00E+00	-1.80E-02	-1.37E-10	-1.80E-02	-1.16E-01	-9.83E-02	0.00E+00	0.00E+00	0.00E+00	-1.94E-01
	B46102	-8.61E-06	-9.98E-03	-2.45E-05	-9.95E-03	0.00E+00	0.00E+00	-4.48E-03	-3.76E-08	-2.17E-06	-2.73E-05	0.00E+00	0.00E+00	-2.39E-12	-2.23E-11	-6.12E-05	-6.72E-01	0.00E+00	0.00E+00	-5.55E-03	0.00E+00	-1.80E-02	0.00E+00	-1.39E-10	-3.68E-10	-6.98E-06	0.00E+00	-9.83E-02	0.00E+00	-1.80E-02	-1.37E-10	-1.80E-02	-1.16E-01	-9.83E-02	0.00E+00	0.00E+00	0.00E+00	-1.94E-01
	B46103	-8.61E-06	-9.98E-03	-2.45E-05	-9.95E-03	0.00E+00	0.00E+00	-4.48E-03	-3.76E-08	-2.17E-06	-2.73E-05	0.00E+00	0.00E+00	-2.39E-12	-2.23E-11	-6.12E-05	-6.72E-01	0.00E+00	0.00E+00	-5.55E-03	0.00E+00	-1.80E-02	0.00E+00	-1.39E-10	-3.68E-10	-6.98E-06	0.00E+00	-9.83E-02	0.00E+00	-1.80E-02	-1.37E-10	-1.80E-02	-1.16E-01	-9.83E-02	0.00E+00	0.00E+00	0.00E+00	-1.94E-01
	B46105	-1.42E-05	-1.13E-02	-3.61E-05	-1.13E-02	0.00E+00	0.00E+00	-7.69E-03	-3.53E-07	-3.10E-06	-3.84E-05	0.00E+00	0.00E+00	-1.12E-11	-5.41E-11	-7.73E-05	-6.96E-01	0.00E+00	0.00E+00	-1.19E-02	0.00E+00	-2.85E-02	0.00E+00	-1.88E-10	-4.61E-10	-1.20E-05	0.00E+00	-1.02E-01	0.00E+00	-2.85E-02	-1.72E-08	-2.85E-02	-1.31E-01	-1.02E-01	0.00E+00	0.00E+00	0.00E+00	-4.58E-01
	B46106	-8.77E-06	-1.02E-02	-2.50E-05	-1.01E-02	0.00E+00	0.00E+00	-4.57E-03	-3.84E-08	-2.21E-06	-2.78E-05	0.00E+00	0.00E+00	-2.44E-12	-2.27E-11	-6.24E-05	-6.85E-01	0.00E+00	0.00E+00	-5.66E-03	0.00E+00	-1.83E-02	0.00E+00	-1.42E-10	-3.75E-10	-7.11E-06	0.00E+00	-1.00E-01	0.00E+00	-1.83E-02	-1.40E-10	-1.83E-02	-1.18E-01	-1.00E-01	0.00E+00	0.00E+00	0.00E+00	-1.97E-01
	B46107	-1.48E-05	-1.13E-02	-3.72E-05	-1.12E-02	0.00E+00	0.00E+00	-8.05E-03	-3.98E-07	-3.18E-06	-3.94E-05	0.00E+00	0.00E+00	-1.24E-11	-5.82E-11	-7.83E-05	-6.84E-01	0.00E+00	0.00E+00	-1.27E-02	0.00E+00	-2.96E-02	0.00E+00	-1.91E-10	-4.66E-10	-1.26E-05	0.00E+00	-1.01E-01	0.00E+00	-2.96E-02	-1.96E-08	-2.96E-02	-1.30E-01	-1.01E-01	0.00E+00	0.00E+00	0.00E+00	-4.91E-01
	B46110	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
	B46111	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
	B46112	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
	B46130	2.61E-05	-7.59E-03	8.82E-05	-7.68E-03	0.00E+00	0.00E+00	1.39E-02	3.37E-08	3.56E-06	3.64E-05	0.00E+00	0.00E+00	-8.24E-13	1.51E-11	2.54E-04	-9.70E-01	0.00E+00	0.00E+00	2.21E-02	0.00E+00	8.31E-02	0.00E+00	6.61E-10	-1.18E-10	1.35E-05	0.00E+00	-1.38E-01	0.00E+00	8.31E-02	5.53E-08	8.31E-02	-5.51E-02	-1.38E-01	0.00E+00	0.00E+00	0.00E+00	8.18E-01
	B46132	2.61E-05	-7.59E-03	8.82E-05	-7.68E-03	0.00E+00	0.00E+00	1.39E-02	3.37E-08	3.56E-06	3.64E-05	0.00E+00	0.00E+00	-8.24E-13	1.51E-11	2.54E-04	-9.70E-01	0.00E+00	0.00E+00	2.21E-02	0.00E+00	8.31E-02	0.00E+00	6.61E-10	-1.18E-10	1.35E-05	0.00E+00	-1.38E-01	0.00E+00	8.31E-02	5.53E-08	8.31E-02	-5.51E-02	-1.38E-01	0.00E+00	0.00E+00	0.00E+00	8.18E-01

B46133	4.68E-05	-2.42E-04	1.53E-04	-3.95E-04	0.00E+00	0.00E+00	2.49E-02	8.95E-08	7.45E-06	8.17E-05	0.00E+00	0.00E+00	1.42E-12	4.61E-11	4.32E-04	-6.64E-01	0.00E+00	0.00E+00	3.79E-02	0.00E+00	1.39E-01	0.00E+00	1.10E-09	2.31E-10	2.70E-05	0.00E+00	-9.18E-02	0.00E+00	1.39E-01	7.98E-08	1.39E-01	4.73E-02	-9.18E-02	0.00E+00	0.00E+00	0.00E+00	1.39E+00
B46135	-1.93E-05	-2.23E-02	-5.46E-05	-2.23E-02	0.00E+00	0.00E+00	-1.00E-02	-8.43E-08	-4.85E-06	-6.10E-05	0.00E+00	0.00E+00	-5.36E-12	-5.00E-11	-1.37E-04	-1.50E+00	0.00E+00	0.00E+00	-1.24E-02	0.00E+00	-4.01E-02	0.00E+00	-3.11E-10	-8.24E-10	-1.56E-05	0.00E+00	-2.20E-01	0.00E+00	-4.01E-02	-3.07E-10	-4.01E-02	-2.60E-01	-2.20E-01	0.00E+00	0.00E+00	0.00E+00	-4.34E-01
B46136	8.52E-05	1.53E-02	2.73E-04	1.50E-02	0.00E+00	0.00E+00	4.51E-02	1.96E-07	1.48E-05	1.68E-04	0.00E+00	0.00E+00	5.90E-12	1.05E-10	7.57E-04	2.75E-02	0.00E+00	0.00E+00	6.66E-02	0.00E+00	2.41E-01	0.00E+00	1.91E-09	9.26E-10	5.22E-05	0.00E+00	1.23E-02	0.00E+00	2.41E-01	1.22E-07	2.41E-01	2.53E-01	1.23E-02	0.00E+00	0.00E+00	0.00E+00	2.43E+00
B46137	8.52E-05	1.53E-02	2.73E-04	1.50E-02	0.00E+00	0.00E+00	4.51E-02	1.96E-07	1.48E-05	1.68E-04	0.00E+00	0.00E+00	5.90E-12	1.05E-10	7.57E-04	2.75E-02	0.00E+00	0.00E+00	6.66E-02	0.00E+00	2.41E-01	0.00E+00	1.91E-09	9.26E-10	5.22E-05	0.00E+00	1.23E-02	0.00E+00	2.41E-01	1.22E-07	2.41E-01	2.53E-01	1.23E-02	0.00E+00	0.00E+00	0.00E+00	2.43E+00
B46140	-2.19E-05	-2.54E-02	-6.21E-05	-2.54E-02	0.00E+00	0.00E+00	-1.14E-02	-9.60E-08	-5.52E-06	-6.95E-05	0.00E+00	0.00E+00	-6.10E-12	-5.69E-11	-1.56E-04	-1.71E+00	0.00E+00	0.00E+00	-1.41E-02	0.00E+00	-4.57E-02	0.00E+00	-3.54E-10	-9.38E-10	-1.78E-05	0.00E+00	-2.51E-01	0.00E+00	-4.57E-02	-3.49E-10	-4.57E-02	-2.96E-01	-2.51E-01	0.00E+00	0.00E+00	0.00E+00	-4.94E-01
B46142	4.99E-05	3.45E-04	1.63E-04	1.83E-04	0.00E+00	0.00E+00	2.65E-02	9.66E-08	7.98E-06	8.77E-05	0.00E+00	0.00E+00	1.64E-12	4.99E-11	4.59E-04	-6.59E-01	0.00E+00	0.00E+00	4.02E-02	0.00E+00	1.48E-01	0.00E+00	1.17E-09	2.66E-10	2.89E-05	0.00E+00	-9.07E-02	0.00E+00	1.48E-01	8.40E-08	1.48E-01	5.69E-02	-9.07E-02	0.00E+00	0.00E+00	0.00E+00	1.48E+00
B46143	-2.19E-05	-2.54E-02	-6.21E-05	-2.54E-02	0.00E+00	0.00E+00	-1.14E-02	-9.60E-08	-5.52E-06	-6.95E-05	0.00E+00	0.00E+00	-6.10E-12	-5.69E-11	-1.56E-04	-1.71E+00	0.00E+00	0.00E+00	-1.41E-02	0.00E+00	-4.57E-02	0.00E+00	-3.54E-10	-9.38E-10	-1.78E-05	0.00E+00	-2.51E-01	0.00E+00	-4.57E-02	-3.49E-10	-4.57E-02	-2.96E-01	-2.51E-01	0.00E+00	0.00E+00	0.00E+00	-4.94E-01
B46145	4.99E-05	3.45E-04	1.63E-04	1.83E-04	0.00E+00	0.00E+00	2.65E-02	9.66E-08	7.98E-06	8.77E-05	0.00E+00	0.00E+00	1.64E-12	4.99E-11	4.59E-04	-6.59E-01	0.00E+00	0.00E+00	4.02E-02	0.00E+00	1.48E-01	0.00E+00	1.17E-09	2.66E-10	2.89E-05	0.00E+00	-9.07E-02	0.00E+00	1.48E-01	8.40E-08	1.48E-01	5.69E-02	-9.07E-02	0.00E+00	0.00E+00	0.00E+00	1.48E+00
B46147	-2.19E-05	-2.54E-02	-6.21E-05	-2.54E-02	0.00E+00	0.00E+00	-1.14E-02	-9.60E-08	-5.52E-06	-6.95E-05	0.00E+00	0.00E+00	-6.10E-12	-5.69E-11	-1.56E-04	-1.71E+00	0.00E+00	0.00E+00	-1.41E-02	0.00E+00	-4.57E-02	0.00E+00	-3.54E-10	-9.38E-10	-1.78E-05	0.00E+00	-2.51E-01	0.00E+00	-4.57E-02	-3.49E-10	-4.57E-02	-2.96E-01	-2.51E-01	0.00E+00	0.00E+00	0.00E+00	-4.94E-01
B46148	-2.19E-05	-2.54E-02	-6.21E-05	-2.54E-02	0.00E+00	0.00E+00	-1.14E-02	-9.60E-08	-5.52E-06	-6.95E-05	0.00E+00	0.00E+00	-6.10E-12	-5.69E-11	-1.56E-04	-1.71E+00	0.00E+00	0.00E+00	-1.41E-02	0.00E+00	-4.57E-02	0.00E+00	-3.54E-10	-9.38E-10	-1.78E-05	0.00E+00	-2.51E-01	0.00E+00	-4.57E-02	-3.49E-10	-4.57E-02	-2.96E-01	-2.51E-01	0.00E+00	0.00E+00	0.00E+00	-4.94E-01
G45BLIND19011	-9.29E-06	-1.08E-02	-2.65E-05	-1.07E-02	0.00E+00	0.00E+00	-4.84E-03	-4.07E-08	-2.34E-06	-2.94E-05	0.00E+00	0.00E+00	-2.59E-12	-2.41E-11	-6.61E-05	-7.26E-01	0.00E+00	0.00E+00	-5.99E-03	0.00E+00	-1.94E-02	0.00E+00	-1.50E-10	-3.97E-10	-7.53E-06	0.00E+00	-1.06E-01	0.00E+00	-1.94E-02	-1.48E-10	-1.94E-02	-1.26E-01	-1.06E-01	0.00E+00	0.00E+00	0.00E+00	-2.09E-01
G45BLIND19016	-9.29E-06	-1.08E-02	-2.65E-05	-1.07E-02	0.00E+00	0.00E+00	-4.84E-03	-4.07E-08	-2.34E-06	-2.94E-05	0.00E+00	0.00E+00	-2.59E-12	-2.41E-11	-6.61E-05	-7.26E-01	0.00E+00	0.00E+00	-5.99E-03	0.00E+00	-1.94E-02	0.00E+00	-1.50E-10	-3.97E-10	-7.53E-06	0.00E+00	-1.06E-01	0.00E+00	-1.94E-02	-1.48E-10	-1.94E-02	-1.26E-01	-1.06E-01	0.00E+00	0.00E+00	0.00E+00	-2.09E-01
G45BLIND1LAN	-9.29E-06	-1.08E-02	-2.65E-05	-1.07E-02	0.00E+00	0.00E+00	-4.84E-03	-4.07E-08	-2.34E-06	-2.94E-05	0.00E+00	0.00E+00	-2.59E-12	-2.41E-11	-6.61E-05	-7.26E-01	0.00E+00	0.00E+00	-5.99E-03	0.00E+00	-1.94E-02	0.00E+00	-1.50E-10	-3.97E-10	-7.53E-06	0.00E+00	-1.06E-01	0.00E+00	-1.94E-02	-1.48E-10	-1.94E-02	-1.26E-01	-1.06E-01	0.00E+00	0.00E+00	0.00E+00	-2.09E-01
G45BLIND29011	-1.76E-05	-2.05E-02	-5.02E-05	-2.04E-02	0.00E+00	0.00E+00	-9.18E-03	-7.72E-08	-4.44E-06	-5.59E-05	0.00E+00	0.00E+00	-4.91E-12	-4.57E-11	-1.25E-04	-1.38E+00	0.00E+00	0.00E+00	-1.14E-02	0.00E+00	-3.68E-02	0.00E+00	-2.85E-10	-7.54E-10	-1.43E-05	0.00E+00	-2.01E-01	0.00E+00	-3.68E-02	-2.81E-10	-3.68E-02	-2.38E-01	-2.01E-01	0.00E+00	0.00E+00	0.00E+00	-3.97E-01
G45BLIND29016	7.80E-05	1.41E-02	2.50E-04	1.39E-02	0.00E+00	0.00E+00	4.13E-02	1.79E-07	1.36E-05	1.54E-04	0.00E+00	0.00E+00	5.40E-12	9.65E-11	6.93E-04	2.52E-02	0.00E+00	0.00E+00	6.10E-02	0.00E+00	2.21E-01	0.00E+00	1.74E-09	8.48E-10	4.79E-05	0.00E+00	1.12E-02	0.00E+00	2.21E-01	1.12E-07	2.21E-01	2.32E-01	1.12E-02	0.00E+00	0.00E+00	0.00E+00	2.22E+00
G45BLIND2LAN	-1.76E-05	-2.05E-02	-5.02E-05	-2.04E-02	0.00E+00	0.00E+00	-9.18E-03	-7.72E-08	-4.44E-06	-5.59E-05	0.00E+00	0.00E+00	-4.91E-12	-4.57E-11	-1.25E-04	-1.38E+00	0.00E+00	0.00E+00	-1.14E-02	0.00E+00	-3.68E-02	0.00E+00	-2.85E-10	-7.54E-10	-1.43E-05	0.00E+00	-2.01E-01	0.00E+00	-3.68E-02	-2.81E-10	-3.68E-02	-2.38E-01	-2.01E-01	0.00E+00	0.00E+00	0.00E+00	-3.97E-01
G45DM0119011	1.04E-04	1.87E-02	3.35E-04	1.84E-02	0.00E+00	0.00E+00	5.53E-02	2.40E-07	1.82E-05	2.06E-04	0.00E+00	0.00E+00	7.24E-12	1.29E-10	9.28E-04	3.38E-02	0.00E+00	0.00E+00	8.17E-02	0.00E+00	2.96E-01	0.00E+00	2.34E-09	1.14E-09	6.41E-05	0.00E+00	1.51E-02	0.00E+00	2.96E-01	1.50E-07	2.96E-01	3.11E-01	1.51E-02	0.00E+00	0.00E+00	0.00E+00	2.98E+00
G45DM0119016	-2.36E-05	-2.74E-02	-6.70E-05	-2.73E-02	0.00E+00	0.00E+00	-1.23E-02	-1.03E-07	-5.95E-06	-7.49E-05	0.00E+00	0.00E+00	-6.57E-12	-6.13E-11	-1.68E-04	-1.85E+00	0.00E+00	0.00E+00	-1.52E-02	0.00E+00	-4.92E-02	0.00E+00	-3.82E-10	-1.01E-09	-1.92E-05	0.00E+00	-2.70E-01	0.00E+00	-4.92E-02	-3.76E-10	-4.92E-02	-3.19E-01	-2.70E-01	0.00E+00	0.00E+00	0.00E+00	-5.32E-01
G45DM011LAN	-2.36E-05	-2.74E-02	-6.70E-05	-2.73E-02	0.00E+00	0.00E+00	-1.23E-02	-1.03E-07	-5.95E-06	-7.49E-05	0.00E+00	0.00E+00	-6.57E-12	-6.13E-11	-1.68E-04	-1.85E+00	0.00E+00	0.00E+00	-1.52E-02	0.00E+00	-4.92E-02	0.00E+00	-3.82E-10	-1.01E-09	-1.92E-05	0.00E+00	-2.70E-01	0.00E+00	-4.92E-02	-3.76E-10	-4.92E-02	-3.19E-01	-2.70E-01	0.00E+00	0.00E+00	0.00E+00	-5.32E-01
G45DM0129011	9.70E-05	1.74E-02	3.11E-04	1.71E-02	0.00E+00	0.00E+00	5.13E-02	2.23E-07	1.68E-05	1.91E-04	0.00E+00	0.00E+00	6.72E-12	1.20E-10	8.61E-04	3.13E-02	0.00E+00	0.00E+00	7.58E-02	0.00E+00	2.74E-01	0.00E+00	2.17E-09	1.05E-09	5.95E-05	0.00E+00	1.40E-02	0.00E+00	2.74E-01	1.39E-07	2.74E-01	2.88E-01	1.40E-02	0.00E+00	0.00E+00	0.00E+00	2.77E+00
G45DM0129016	9.70E-05	1.74E-02	3.11E-04	1.71E-02	0.00E+00	0.00E+00	5.13E-02	2.23E-07	1.68E-05	1.91E-04	0.00E+00	0.00E+00	6.72E-12	1.20E-10	8.61E-04	3.13E-02	0.00E+00	0.00E+00	7.58E-02	0.00E+00	2.74E-01	0.00E+00	2.17E-09	1.05E-09	5.95E-05	0.00E+00	1.40E-02	0.00E+00	2.74E-01	1.39E-07	2.74E-01	2.88E-01	1.40E-02	0.00E+00	0.00E+00	0.00E+00	2.77E+00
G45DM012LAN	-2.19E-05	-2.54E-02	-6.21E-05	-2.54E-02	0.00E+00	0.00E+00	-1.14E-02	-9.60E-08	-5.52E-06	-6.95E-05	0.00E+00	0.00E+00	-6.10E-12	-5.69E-11	-1.56E-04	-1.71E+00	0.00E+00	0.00E+00	-1.41E-02	0.00E+00	-4.57E-02	0.00E+00	-3.54E-10	-9.38E-10	-1.78E-05	0.00E+00	-2.51E-01	0.00E+00	-4.57E-02	-3.49E-10	-4.57E-02	-2.96E-01	-2.51E-01	0.00E+00	0.00E+00	0.00E+00	-4.94E-01
G45DM0519011	-2.74E-05	-3.18E-02	-7.81E-05	-3.17E-02	0.00E+00	0.00E+00	-1.43E-02	-1.20E-07	-6.90E-06	-8.69E-05	0.00E+00	0.00E+00	-7.63E-12	-7.11E-11	-1.95E-04	-2.14E+00	0.00E+00	0.00E+00	-1.77E-02	0.00E+00	-5.72E-02	0.00E+00	-4.43E-10	-1.17E-09	-2.22E-05	0.00E+00	-3.13E-01	0.00E+00	-5.72E-02	-4.37E-10	-5.72E-02	-3.70E-01	-3.13E-01	0.00E+00	0.00E+00	0.00E+00	-6.17E-01
G45DM0519016	-2.74E-05	-3.18E-02	-7.81E-05	-3.17E-02	0.00E+00	0.00E+00	-1.43E-02	-1.20E-07	-6.90E-06	-8.69E-05	0.00E+00	0.00E+00	-7.63E-12	-7.11E-11	-1.95E-04	-2.14E+00	0.00E+00	0.00E+00	-1.77E-02	0.00E+00	-5.72E-02	0.00E+00	-4.43E-10	-1.17E-09	-2.22E-05	0.00E+00	-3.13E-01	0.00E+00	-5.72E-02	-4.37E-10	-5.72E-02	-3.70E-01	-3.13E-01	0.00E+00	0.00E+00	0.00E+00	-6.17E-01
G45DM051LAN	-2.74E-05	-3.18E-02	-7.81E-05	-3.17E-02	0.00E+00	0.00E+00	-1.43E-02	-1.20E-07	-6.90E-06	-8.69E-05	0.00E+00	0.00E+00	-7.63E-12	-7.11E-11	-1.95E-04	-2.14E+00	0.00E+00	0.00E+00	-1.77E-02	0.00E+00	-5.72E-02	0.00E+00	-4.43E-10	-1.17E-09	-2.22E-05	0.00E+00	-3.13E-01	0.00E+00	-5.72E-02	-4.37E-10	-5.72E-02	-3.70E-01	-3.13E-01	0.00E+00	0.00E+00	0.00E+00	-6.17E-01
G45DM0529011	9.70E-05	1.74E-02	3.11E-04	1.71E-02	0.00E+00	0.00E+00	5.13E-02	2.23E-07	1.68E-05	1.91E-04	0.00E+00	0.00E+00	6.72E-12	1.20E-10	8.61E-04	3.13E-02	0.00E+00	0.00E+00	7.58E-02	0.00E+00	2.74E-01	0.00E+00	2.17E-09	1.05E-09	5.95E-05	0.00E+00	1.40E-02	0.00E+00	2.74E-01	1.39E-07	2.74E-01	2.88E-01	1.40E-02	0.00E+00	0.00E+00	0.00E+00	2.77E+00
G45DM0529016	9.70E-05	1.74E-02	3.11E-04	1.71E-02	0.00E+00	0.00E+00	5.13E-02	2.23E-07	1.68E-05	1.91E-04	0.00E+00	0.00E+00	6.72E-12	1.20E-10	8.61E-04	3.13E-02	0.00E+00	0.00E+00	7.58E-02	0.00E+00	2.74E-01	0.00E+00	2.17E-09	1.05E-09	5.95E-05	0.00E+00	1.40E-02	0.00E+00	2.74E-01	1.39E-07	2.74E-01	2.88E-01	1.40E-02	0.00E+00	0.00E+00	0.00E+00	2.77E+00
G45DM052LAN	2.52E-05	-8.41E-03	8.56E-05	-8.50E-03	0.00E+00	0.00E+00	1.34E-02	3.02E-08	3.35E-06	3.38E-05	0.00E+00	0.00E+00	-1.03E-12	1.31E-11	2.47E-04	-1.02E+00	0.00E+00	0.00E+00	2.15E-02	0.00E+00	8.10E-02	0.00E+00	6.45E-10	-1.49E-10	1.28E-05	0.00E+00	-1.46E-01	0.00E+00	8.10E-02	5.49E-08	8.10E-02	-6.48E-02	-1.46E-01	0.00E+00	0.00E+00	0.00E+00	7.97E-01
G45MM0119011	9.42E-05	1.69E-02	3.02E-04	1.66E-02	0.00E+00	0.00E+00	4.98E-02	2.16E-07	1.64E-05	1.86E-04	0.00E+00	0.00E+00	6.53E-12	1.17E-10	8.37E-04	3.05E-02	0.00E+00	0.00E+00	7.37E-02	0.00E+00	2.67E-01	0.00E+00	2.11E-09	1.02E-09	5.78E-05	0.00E+00	1.36E-02	0.00E+00	2.67E-01	1.35E-07	2.67E-01	2.80E-01	1.36E-02	0.00E+00	0.00E+00	0.00E+00	2.69E+00
G45MM0119016	-2.13E-05	-2.47E-02	-6.04E-05	-2.47E-02	0.00E+00	0.00E+00	-1.11E-02	-9.33E-08	-5.36E-06	-6.75E-05	0.00E+00	0.00E+00	-5.93E-12	-5.53E-11	-1.51E-04	-1.66E+00	0.00E+00	0.00E+00	-1.37E-02	0.00E+00	-4.44E-02	0.00E+00	-3.44E-10	-9.12E-10	-1.73E-05	0.00E+00	-2.43E-01	0.00E+00	-4.44E-02	-3.39E-10	-4.44E-02	-2.88E-01	-2.43E-01	0.00E+00	0.00E+00	0.00E+00	-4.80E-01
G45MM011LAN	4.68E-05	-2.42E-04	1.53E-04	-3.95E-04	0.00E+00	0.00E+00	2.49E-02	8.95E-08	7.45E-06	8.17E-05	0.00E+00	0.00E+00	1.42E-12	4.61E-11	4.32E-04	-6.64E-01	0.00E+00	0.00E+00	3.79E-02	0.00E+00	1.39E-01	0.00E+00	1.10E-09	2.31E-10	2.70E-05	0.00E+00	-9.18E-02	0.00E+00	1.39E-01	7.98E-08	1.39E-01	4.73E-02	-9.18E-02	0.00E+00	0.00E+00	0.00E+00	1.39E+00
G45MM0129011	-1.93E-05	-2.23E-02	-5.46E-05	-2.23E-02	0.00E+00	0.00E+00	-1.00E-02	-8.43E-08	-4.85E-06	-6.10E-05	0.00E+00	0.00E+00	-5.36E-12	-5.00E-11	-1.37E-04	-1.50E+00	0.00E+00	0.00E+00	-1.24E-02	0.00E+00	-4.01E-02	0.00E+00	-3.11E-10	-8.24E-10	-1.56E-05	0.00E+00	-2.20E-01	0.00E+00	-4.01E-02	-3.07E-10	-4.01E-02	-2.60E-01	-2.20E-01	0.00E+00	0.00E+00	0.00E+00	-4.34E-01
G45MM0129016	2.33E-05	-6.97E-03	7.88E-05	-7.05E-03	0.00E+00	0.00E+00	1.24E-02	2.96E-08	3.16E-06	3.23E-05	0.00E+00	0.00E+00	-7.77E-13	1.32E-11	2.27E-04	-8.81E-01	0.00E+00	0.00E+00	1.97E-02	0.00E+00	7.43E-02	0.00E+00	5.91E-10	-1.12E-10	1.20E-05	0.00E+00	-1.26E-01	0.00E+00	7.43E-02	4.96E-08	7.43E-02	-5.12E-02	-1.26E-01	0.00E+00	0.00E+00	0.00E+00	7.31E-01
G45MM012LAN	2.33E-05	-6.97E-03	7.88E-05	-7.05E-03	0.00E+00	0.00E+00	1.24E-02	2.96E-08	3.16E-06	3.23E-05	0.00E+00	0.00E+00	-7.77E-13	1.32E-11	2.27E-04	-8.81E-01	0.00E+00	0.00E+00	1.97E-02	0.00E+00	7.43E-02	0.00E+00	5.91E-10	-1.12E-10	1.20E-05	0.00E+00	-1.26E-01	0.00E+00	7.43E-02	4.96E-08	7.43E-02	-5.12E-02	-1.26E-01	0.00E+00	0.00E+00	0.00E+00	7.31E-01
G45MM0519011	-2.50E-05	-2.90E-02	-7.12E-05	-2.89E-02	0.00E+00	0.00E+00	-1.30E-02	-1.09E-07	-6.29E-06	-7.92E-05	0.00E+00	0.00E+00	-6.95E-12	-6.48E-11	-1.78E-04	-1.95E+00	0.00E+00	0.00E+00	-1.61E-02	0.00E+00	-5.22E-02	0.00E+00	-4.04E-10	-1.07E-09	-2.03E-05	0.00E+00	-2.86E-01	0.00E+00	-5.22E-02	-3.98E-10	-5.22E-02	-3.38E-01	-2.86E-01	0.00E+00	0.00E+00	0.00E+00	-5.63E-01
G45MM0519016	-2.50E-05	-2.90E-02	-7.12E-05	-2.89E-02	0.00E+00	0.00E+00	-1.30E-02	-1.09E-07	-6.29E-06	-7.92E-05	0.00E+00	0.00E+00	-6.95E-12	-6.48E-11	-1.78E-04	-1.95E+00	0.00E+00	0.00E+00	-1.61E-02	0.00E+00	-5.22E-02	0.00E+00	-4.04E-10	-1.07E-09	-2.03E-05	0.00E+00	-2.86E-01	0.00E+00	-5.22E-02	-3.98E-10	-5.22E-02	-3.38E-01	-2.86E-01	0.00E+00	0.00E+00	0.00E+00	-5.63E-01
G45MM051LAN	-2.50E-05	-2.90E-02	-7.12E-05	-2.89E-02	0.00E+00	0.00E+00	-1.30E-02	-1.09E-07	-6.29E-06	-7.92E-05	0.00E+00	0.00E+00	-6.95E-12	-6.48E-11	-1.78E-04	-1.95E+00	0.00E+00	0.00E+00	-1.61E-02	0.00E+00	-5.22E-02	0.00E+00	-4.04E-10	-1.07E-09	-2.03E-05	0.00E+00	-2.86E-01	0.00E+00	-5.22E-02	-3.98E-10	-5.22E-02	-3.38E-01	-2.86E-01	0.00E+00	0.00E+00	0.00E+00	-5.63E-01
G45MM0529011	4.69E-05	6.47E-04	1.53E-04	4.94E-04	0.00E+00	0.00E+00	2.49E-02	9.15E-08	7.53E-06	8.29E-05	0.00E+00	0.00E+00	1.61E-12	4.74E-11	4.31E-04	-5.95E-01	0.00E+00	0.00E+00	3.78E-02	0.00E+00	1.39E-01	0.00E+00	1.10E-09	2.60E-10	2.72E-05	0.00E+00	-8.17E-02	0.00E+00	1.39E-01	7.86E-08	1.39E-01	5.69E-02	-8.17E-02	0.00E+00	0.00E+00	0.00E+00	1.39E+00
G45MM0529016	2.23E-05	-8.09E-03	7.61E-05	-8.16E-03	0.00E+00	0.00E+00	1.19E-02	2.54E-08	2.92E-06	2.92E-05	0.00E+00	0.00E+00	-1.05E-12	1.07E-11	2.20E-04	-9.57E-01	0.00E+00	0.00E+00	1.91E-02	0.00E+00	7.23E-02	0.00E+00	5.75E-10	-1.53E-10	1.12E-05	0.00E+00	-1.37E-01	0.00E+00	7.23E-02	4.96E-08	7.23E-02	-6.43E-02	-1.37E-01	0.00E+00	0.00E+00	0.00E+00	7.10E-01
G45MM052LAN	4.69E-05	6.47E-04	1.53E-04	4.94E-04	0.00E+00	0.00E+00	2.49E-02	9.15E-08	7.53E-06	8.29E-05	0.00E+00	0.00E+00	1.61E-12	4.74E-11	4.31E-04	-5.95E-01	0.00E+00	0.00E+00	3.78E-02	0.00E+00	1.39E-01	0.00E+00	1.10E-09	2.60E-10	2.72E-05	0.00E+00	-8.17E-02	0.00E+00	1.39E-01	7.86E-08	1.39E-01	5.69E-02	-8.17E-02	0.00E+00	0.00E+00	0.00E+00	1.39E+00
G45MM3019011	-8.61E-06	-9.98E-03	-2.45E-05	-9.95E-03	0.00E+00	0.00E+00	-4.48E-03	-3.76E-08	-2.17E-06	-2.73E-05	0.00E+00	0.00E+00	-2.39E-12	-2.23E-11	-6.12E-05	-6.72E-01	0.00E+00	0.00E+00	-5.55E-03	0.00E+00	-1.80E-02	0.00E+00	-1.39E-10	-3.68E-10	-6.98E-06	0.00E+00	-9.83E-02	0.00E+00	-1.80E-02	-1.37E-10	-1.80E-02	-1.16E-01	-9.83E-02	0.00E+00	0.00E+00	0.00E+00	-1.94E-01
G45MM3019016	-8.61E-06	-9.98E-03	-2.45E-05	-9.95E-03	0.00E+00	0.00E+00	-4.48E-03	-3.76E-08	-2.17E-06	-2.73E-05	0.00E+00	0.00E+00	-2.39E-12	-2.23E-11	-6.12E-05	-6.72E-01	0.00E+00	0.00E+00	-5.55E-03	0.00E+00	-1.80E-02	0.00E+00	-1.39E-10	-3.68E-10	-6.98E-06	0.00E+00	-9.83E-02	0.00E+00	-1.80E-02	-1.37E-10	-1.80E-02	-1.16E-01	-9.83E-02	0.00E+00	0.00E+00	0.00E+00	-1.94E-01
G45MM301LAN	-8.61E-06	-9.98E-03	-2.45E-05	-9.95E-03	0.00E+00	0.00E+00	-4.48E-03	-3.76E-08	-2.17E-06	-2.73E-05	0.00E+00	0.00E+00	-2.39E-12	-2.23E-11	-6.12E-05	-6.72E-01	0.00E+00	0.00E+00	-5.55E-03	0.00E+00	-1.80E-02	0.00E+00	-1.39E-10	-3.68E-10	-6.98E-06	0.00E+00	-9.83E-02	0.00E+00	-1.80E-02	-1.37E-10	-1.80E-02	-1.16E-01	-9.83E-02	0.00E+00	0.00E+00	0.00E+00	-1.94E-01
G45MSET019016	-1.42E-05	-1.13E-02	-3.61E-05	-1.13E-02	0.00E+00	0.00E+00	-7.69E-03	-3.53E-07	-3.10E-06	-3.84E-05	0.00E+00	0.00E+00	-1.12E-11	-5.41E-11	-7.73E-05	-6.96E-01	0.00E+00	0.00E+00	-1.19E-02	0.00E+00	-2.85E-02	0.00E+00	-1.88E-10	-4.61E-10	-1.20E-05	0.00E+00	-1.02E-01	0.00E+00	-2.85E-02	-1.72E-08	-2.85E-02	-1.31E-01	-1.02E-01	0.00E+00	0.00E+00	0.00E+00	-4.58E-01
G45MSET029016	-1.48E-05	-1.13E-02	-3.72E-05	-1.12E-02	0.00E+00	0.00E+00	-8.05E-03	-3.98E-07	-3.18E-06	-3.94E-05	0.00E+00	0.00E+00	-1.24E-11	-5.82E-11	-7.83E-05	-6.84E-01	0.00E+00	0.00E+00	-1.27E-02	0.00E+00	-2.96E-02	0.00E+00	-1.91E-10	-4.66E-10	-1.26E-05	0.00E+00	-1.01E-01	0.00E+00	-2.96E-02	-1.96E-08	-2.96E-02	-1.30E-01	-1.01E-01	0.00E+00	0.00E+00	0.00E+00	-4.91E-01
G45MSET039016	-8.77E-06	-1.02E-02	-2.50E-05	-1.01E-02	0.00E+00	0.00E+00	-4.57E-03	-3.84E-08	-2.21E-06	-2.78E-05	0.00E+00	0.00E+00	-2.44E-12	-2.27E-11	-6.24E-05	-6.85E-01	0.00E+00	0.00E+00	-5.66E-03	0.00E+00	-1.83E-02	0.00E+00	-1.42E-10	-3.75E-10	-7.11E-06	0.00E+00	-1.00E-01	0.00E+00	-1.83E-02	-1.40E-10	-1.83E-02	-1.18E-01	-1.00E-01	0.00E+00	0.00E+00	0.00E+00	-1.97E-01
GKWHO	-1.61E-05	-1.87E-02	-4.56E-05	-1.87E-02	0.00E+00	0.00E+00	-8.41E-03	-7.07E-08	-4.06E-06	-5.12E-05	0.00E+00	0.00E+00	-4.49E-12	-4.19E-11	-1.14E-04	-1.26E+00	0.00E+00	0.00E+00	-1.04E-02	0.00E+00	-3.36E-02	0.00E+00	-2.61E-10	-6.91E-10	-1.31E-05	0.00E+00	-1.84E-01	0.00E+00	-3.36E-02	-2.57E-10	-3.36E-02	-2.18E-01	-1.84E-01	0.00E+00	0.00E+00	0.00E+00	-3.63E-01
GKWHP	-1.70E-06	-1.98E-03	-4.81E-06	-1.97E-03	0.00E+00	0.00E+00	-8.87E-04	-7.45E-09	-4.29E-07	-5.40E-06	0.00E+00	0.00E+00	-4.74E-13	-4.42E-12	-1.21E-05	-1.33E-01	0.00E+00	0.00E+00	-1.10E-03	0.00E+00	-3.55E-03	0.00E+00	-2.75E-11	-7.29E-11	-1.38E-06	0.00E+00	-1.95E-02	0.00E+00	-3.55E-03	-2.71E-11	-3.55E-03	-2.30E-02	-1.95E-02	0.00E+00	0.00E+00	0.00E+00	-3.83E-02
GKWHQ	-7.30E-06	-8.46E-03	-2.08E-05	-8.44E-03	0.00E+00	0.00E+00	-3.80E-03	-3.19E-08	-1.84E-06	-2.31E-05	0.00E+00	0.00E+00	-2.03E-12	-1.89E-11	-5.19E-05	-5.70E-01	0.00E+00	0.00E+00	-4.71E-03	0.00E+00	-1.52E-02	0.00E+00	-1.18E-10	-3.12E-10	-5.92E-06	0.00E+00	-8.33E-02	0.00E+00	-1.52E-02	-1.16E-10	-1.52E-02	-9.86E-02	-8.33E-02	0.00E+00	0.00E+00	0.00E+00	-1.64E-01
GMDSDP	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
GMDSHDMI	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
GMDSVGA	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