

Product Environmental Profile

Unequipped metering enclosure UniversZ



Company information

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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
ZB23S

Use scenario based on :
PSR product Category : PSR-0005-ed3.1-2023 12 08
3.12. Unequipped enclosures and cabinets

Functional unit

Protect people from direct contact with live active parts and ensure the grouping of control, command and protection devices in a single enclosure or cabinet having the following dimensions 950x800x205mm, with rated current In 250A, while protecting them against mechanical impacts (IK09) and the penetration of solid objects and liquids (IP44), according to the appropriate use scenario, and for the reference service life of the product of 20 years.

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	%
HI PS	2457.30	10.7%	Steel	16044.34	69.7%	Cardboard	2070.60	9.0%
Silicon rubber	249.59	1.1%	Calcium	24.60	0.1%	Wood	536.00	2.3%
PP	239.56	1.0%	Stainless steel	22.20	<0.1%	Titanium dioxide	164.58	0.7%
PC	167.27	0.7%	Zinc	2.30	<0.1%	Other	219.46	1.0%
Polyester resin	147.60	0.6%	Silicon	1.01	<0.1%	Glass	61.11	0.3%
Other	598.94	2.6%						
Total mass of reference product with raw material packaging :			23006.47 g					
Total mass of reference product (Product + packaging)			21440.16 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.

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	100.0%	0	0.0%

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 0.00 kWh for the use span of 20 years.

Energy model of the use phase :

Europe

Consumables and maintenance :

None

End of life

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

The recycling potential of the product is: 82%. 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 6.3.3-9 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.	2.63E-01	5.56E-03	5.33E-03	0.00E+00	8.09E-02	3.55E-01	-1.70E-01
Climate change - Total (PEF-GWP)	kg CO2 eq.	8.82E+01	3.56E+00	4.39E+00	0.00E+00	1.96E+01	1.16E+02	-3.42E+01
Climate change-Biogenic (PEF-GWPb)	kg CO2 eq.	-1.98E+00	5.86E-03	2.68E+00	0.00E+00	1.49E+00	2.19E+00	-5.79E-01
Climate change-Fossil (PEF-GWPF)	kg CO2 eq.	9.02E+01	3.55E+00	1.71E+00	0.00E+00	1.81E+01	1.14E+02	-3.36E+01
Climate change-Land use and land use change (PEF-GWPlu)	kg CO2 eq.	2.39E-04	5.39E-06	1.68E-08	0.00E+00	1.48E-07	2.45E-04	0.00E+00
Ecotoxicity, freshwater (PEF-CTUe)	CTUe	4.89E+02	1.02E+02	2.51E+01	0.00E+00	2.28E+02	8.44E+02	-1.03E+02
EF-particulate Matter (PEF-PM)	Incidence of diseases	1.39E-06	4.78E-08	3.12E-08	0.00E+00	8.79E-07	2.35E-06	-2.59E-06
Eutrophication, freshwater (PEF-Epf)	kg P eq.	1.29E-04	1.33E-05	2.47E-05	0.00E+00	4.34E-04	6.01E-04	-9.78E-03
Eutrophication, marine (PEF-Epm)	kg N eq.	4.70E-02	1.01E-03	2.26E-03	0.00E+00	1.63E-02	6.66E-02	-2.81E-02
Eutrophication, terrestrial (PEF-Ept)	mole of N eq.	5.10E-01	1.11E-02	1.64E-02	0.00E+00	1.83E-01	7.20E-01	-3.33E-01
Human toxicity, cancer (PEF-CTUh-c)	CTUh	5.33E-07	6.89E-10	1.97E-07	0.00E+00	3.13E-08	7.63E-07	-2.72E-07
Human toxicity, non-cancer (PEF-CTUh-nc)	CTUh	6.74E-07	1.32E-08	5.39E-09	0.00E+00	4.70E-07	1.16E-06	-9.73E-07
Ionising radiation, human health (PEF-IR)	kg Bq U235 eq.	2.56E+01	1.25E-01	2.73E-01	0.00E+00	1.44E+00	2.74E+01	-8.95E-01
Land use (PEF-LU)	No dimension	6.22E+00	2.35E-02	1.67E-01	0.00E+00	4.16E+01	4.80E+01	-1.16E+02
Ozone depletion (PEF-ODP)	kg CFC-11 eq.	2.37E-06	4.14E-08	2.64E-08	0.00E+00	2.01E-06	4.44E-06	-1.38E-06
Photochemical ozone formation - human health (PEF-POCP)	kg of NMVOC eq.	1.86E-01	3.59E-03	3.72E-03	0.00E+00	4.97E-02	2.43E-01	-1.54E-01
Resource use, fossils (PEF-ADPF)	MJ	3.26E+04	6.32E+01	1.75E+01	0.00E+00	2.70E+02	3.30E+04	-3.74E+02
Resource use, minerals and metals (PEF-ADPe)	kg Sb eq	1.86E-02	1.29E-06	4.07E-07	0.00E+00	6.29E-05	1.87E-02	-5.29E-04
Water use (PEF-WU)	m3 eq.	2.69E+01	1.31E-01	1.49E-01	0.00E+00	5.19E+03	5.21E+03	-8.07E+03

Resource use indicators

Indicators	Unit	Manufacturing A1-A3	Distribution A4	Installation A5	Use B1-B7	End Of Life C1-C4	GLOBAL	Module D
Net use of fresh water	m3	6.34E-01	3.04E-03	1.18E-02	0.00E+00	1.49E+02	1.50E+02	-1.93E+02
Total primary energy	MJ	3.27E+04	6.34E+01	2.11E+01	0.00E+00	2.97E+02	3.31E+04	-4.05E+02
Total non renewable primary energy	MJ	3.26E+04	6.32E+01	1.75E+01	0.00E+00	2.70E+02	3.30E+04	-3.74E+02
Total renewable primary energy	MJ	8.11E+01	2.58E-01	3.66E+00	0.00E+00	2.71E+01	1.12E+02	-3.18E+01
Non renewable primary energy used as energy	MJ	3.25E+04	6.32E+01	1.75E+01	0.00E+00	2.70E+02	3.28E+04	-3.74E+02
Non renewable primary energy used as raw material	MJ	1.53E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E+02	0.00E+00
Use of non renewable secondary fuels	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Renewable primary energy used as energy	MJ	3.35E+01	2.58E-01	3.66E+00	0.00E+00	2.71E+01	6.45E+01	-3.18E+01
Renewable primary energy used as raw material	MJ	4.76E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.76E+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	1.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03	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	1.39E+00	1.50E-02	1.02E-01	0.00E+00	3.92E-01	1.90E+00	-1.25E-03
Non hazardous waste disposed	kg	9.21E+00	3.30E-01	5.08E-01	0.00E+00	5.80E-02	1.01E+01	-5.62E-01
Radioactive waste disposed	kg	3.01E-03	2.62E-04	1.16E-04	0.00E+00	2.77E-05	3.41E-03	-4.56E-04

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	2.44E-01	0.00E+00	1.50E-01	0.00E+00	8.83E-04	3.95E-01	0.00E+00
Materials for recycling	kg	3.88E+00	6.04E-10	1.35E+00	0.00E+00	8.04E-03	5.24E+00	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	2.07E+00	2.32E-02	5.36E-01	2.63E+00
Biogenic carbon content (declared unit)	kg of C	5.80E-01	8.76E-03	2.12E-01	8.00E-01
Biogenic carbon content (functional unit)	kg of C	5.80E-01	8.76E-03	2.12E-01	8.00E-01
Source		ADEME	APESA/RECORD	EN 16485	

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

Extrapolation rules

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

Verification

Registration N°: HAGE-01515-V01.01-EN	Drafting Rules	PEP-PCR-ed4-2021 09 06
Verifier accreditation N°: VH64	Supplemented by	PSR-0005-ed3.1-2023 12 08
Date of issue: 4-2026	Information and reference documents:	www.pep-ecopassport.org
	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.

		Affidication (PEF-AP) - [mole H+ eq.]	Climate change - Total (PEF-GWP) - [kg CO2 eq.]	Climate change-Bogenic (PEF-GWPb) - [kg CO2 eq.]	Climate change-Fossil (PEF-GWPP) - [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-Ep) - [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 (PEFLU)	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 d 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-ADPr) - [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.]
	FP01SN2	2.88E+01	8.89E+01	-1.48E+00	8.84E+01	2.39E+04	0.00E+00	4.90E+02	1.18E+04	4.72E+02	5.10E+01	0.00E+00	1.35E+00	3.98E+07	8.45E+07	2.48E+01	4.91E+00	2.68E+01	1.03E+00	8.78E+01	8.89E+00	1.31E+04	1.37E+02	1.31E+00	1.41E+00	1.86E+01	2.82E+03	2.45E+01	4.21E+01	1.32E+04	5.99E+02	1.32E+04	1.33E+04	6.68E+01	0.00E+00	0.00E+00	1.40E+03	3.76E+01
	FP01SW2	2.73E+01	8.78E+01	-1.35E+00	8.83E+01	2.71E+04	0.00E+00	4.78E+02	1.83E+04	4.75E+02	5.13E+01	0.00E+00	1.99E+00	5.26E+07	6.38E+07	2.44E+01	5.01E+00	2.67E+01	1.30E+00	7.71E+01	5.80E+00	1.71E+04	1.34E+02	1.34E+00	1.43E+00	1.85E+01	2.52E+03	2.91E+01	4.22E+01	1.72E+04	1.73E+04	1.73E+04	1.12E+01	0.00E+00	0.00E+00	1.40E+03	3.32E+01	
	FP01TN2	2.88E+01	8.19E+01	-1.45E+00	9.30E+01	4.71E+04	0.00E+00	5.05E+02	1.09E+04	4.90E+02	5.31E+01	0.00E+00	6.20E+00	3.59E+07	7.88E+07	2.87E+01	4.98E+00	2.66E+01	2.44E+00	8.33E+01	7.43E+00	1.33E+04	8.89E+01	1.62E+00	1.50E+00	1.94E+01	2.36E+03	3.07E+01	4.19E+01	1.38E+04	3.40E+02	1.38E+04	1.37E+04	7.27E+01	0.00E+00	0.00E+00	1.40E+03	3.58E+01
	FP01TW2	3.11E+01	9.78E+01	-1.30E+00	9.85E+01	5.04E+04	0.00E+00	5.55E+02	1.03E+04	5.28E+02	5.74E+01	0.00E+00	7.53E+00	4.96E+07	8.20E+07	2.66E+01	6.30E+00	2.78E+01	2.41E+00	8.87E+01	8.07E+00	1.78E+04	1.75E+02	1.68E+00	1.65E+00	2.06E+01	2.50E+03	4.50E+01	4.26E+01	1.78E+04	7.43E+02	1.78E+04	1.78E+04	8.78E+01	0.00E+00	0.00E+00	1.40E+03	3.76E+01
	FP02SN2	2.92E+01	8.19E+01	-2.21E+00	9.32E+01	2.39E+04	0.00E+00	5.66E+02	1.44E+04	5.17E+02	5.37E+01	0.00E+00	1.73E+00	5.35E+07	6.81E+07	2.55E+01	6.13E+00	2.73E+01	2.41E+00	9.54E+01	9.21E+00	2.27E+04	1.75E+02	2.19E+00	1.55E+00	2.01E+01	3.54E+03	2.78E+01	5.25E+01	2.29E+04	7.41E+02	2.29E+04	2.29E+04	8.03E+01	0.00E+00	0.00E+00	1.40E+03	4.07E+01
	FP02SW2	3.10E+01	8.42E+01	-2.05E+00	9.63E+01	4.71E+04	0.00E+00	6.30E+02	2.93E+04	5.44E+02	5.85E+01	0.00E+00	2.48E+00	6.70E+07	7.05E+07	2.53E+01	6.70E+00	2.77E+01	2.31E+00	8.93E+01	8.33E+00	3.07E+04	1.94E+02	2.13E+00	1.64E+00	2.07E+01	3.26E+03	3.74E+01	5.28E+01	4.93E+04	4.19E+02	3.03E+04	5.16E+04	9.63E+01	0.00E+00	0.00E+00	1.40E+03	3.82E+01
	FP02TN2	3.02E+01	9.26E+01	-1.77E+00	9.45E+01	2.71E+04	0.00E+00	5.63E+02	1.28E+04	5.36E+02	5.68E+01	0.00E+00	4.98E+00	8.07E+07	7.77E+07	2.72E+01	5.77E+00	2.73E+01	2.56E+00	8.97E+01	8.51E+00	1.38E+04	1.14E+02	1.45E+00	1.58E+00	2.02E+01	2.88E+03	3.16E+01	5.25E+01	2.31E+04	3.40E+02	2.31E+04	2.32E+04	8.43E+01	0.00E+00	0.00E+00	1.40E+03	3.67E+01
	FP02TW2	3.32E+01	9.98E+01	-2.03E+00	1.02E+02	5.04E+04	0.00E+00	6.35E+02	2.90E+04	5.70E+02	6.17E+01	0.00E+00	7.66E+00	9.58E+07	8.47E+07	2.69E+01	6.97E+00	2.84E+01	2.53E+00	9.36E+01	8.88E+00	1.79E+04	1.38E+02	2.43E+00	1.77E+00	2.17E+01	2.76E+03	5.07E+01	5.33E+01	1.78E+04	3.40E+02	1.78E+04	1.79E+04	1.04E+02	0.00E+00	0.00E+00	1.40E+03	4.00E+01
	FP03SW2	4.42E+01	1.34E+02	-2.88E+00	1.37E+02	2.72E+04	0.00E+00	8.58E+02	4.22E+04	7.72E+02	8.31E+01	0.00E+00	3.02E+00	8.86E+07	9.88E+07	2.63E+01	9.09E+00	3.95E+01	3.14E+00	1.33E+00	1.10E+01	4.88E+04	2.47E+02	3.08E+00	2.33E+00	2.94E+01	4.30E+03	5.04E+01	7.14E+01	4.60E+04	7.07E+02	4.60E+04	4.62E+04	1.22E+02	0.00E+00	0.00E+00	1.40E+03	5.84E+01
	FP03TN2	4.19E+01	1.29E+02	-2.88E+00	1.29E+02	4.72E+04	0.00E+00	7.09E+02	1.64E+04	7.08E+02	7.83E+01	0.00E+00	1.16E+01	6.06E+07	1.14E+08	2.83E+01	7.13E+00	3.69E+01	3.51E+00	1.18E+00	1.07E+01	3.38E+04	1.48E+02	3.65E+00	2.18E+00	2.78E+01	3.55E+03	4.04E+01	6.90E+01	3.40E+04	3.41E+02	3.40E+04	3.41E+04	1.10E+02	0.00E+00	0.00E+00	1.40E+03	5.11E+01
	FP03TW2	4.69E+01	1.37E+02	-2.65E+00	1.40E+02	5.05E+04	0.00E+00	8.89E+02	2.60E+04	8.00E+02	8.54E+01	0.00E+00	1.31E+01	7.52E+07	1.27E+08	2.83E+01	9.58E+00	3.91E+01	3.53E+00	1.31E+00	1.17E+01	4.61E+04	2.03E+02	3.73E+00	2.47E+00	3.01E+01	3.76E+03	6.60E+01	7.12E+01	4.63E+04	3.41E+02	4.63E+04	4.65E+04	1.37E+02	0.00E+00	0.00E+00	1.40E+03	5.98E+01
	FP04SN2	5.96E+01	1.57E+02	-3.59E+00	1.60E+02	2.41E+04	0.00E+00	8.43E+02	2.23E+04	8.89E+02	9.33E+01	0.00E+00	2.86E+00	9.06E+07	1.17E+08	2.74E+01	8.91E+00	4.70E+01	3.98E+00	1.61E+00	1.38E+01	4.44E+04	2.53E+02	3.87E+00	2.65E+00	3.48E+01	5.16E+03	3.94E+01	8.69E+01	4.48E+04	1.03E+01	4.48E+04	4.48E+04	1.28E+02	0.00E+00	0.00E+00	1.40E+03	6.89E+01
	FP04SW2	5.36E+01	1.62E+02	-3.38E+00	1.66E+02	2.73E+04	0.00E+00	1.06E+03	5.39E+04	9.38E+02	1.01E+00	0.00E+00	3.48E+00	1.05E+08	1.19E+09	2.73E+01	1.94E+01	4.78E+01	3.78E+00	1.61E+00	1.28E+01	6.94E+04	2.88E+02	3.91E+00	2.83E+00	3.56E+01	4.91E+03	5.72E+01	8.73E+01	6.07E+04	7.07E+02	6.07E+04	6.08E+04	1.43E+02	0.00E+00	0.00E+00	1.40E+03	8.07E+01
	FP04TN2	4.96E+01	1.58E+02	-3.81E+00	1.53E+02	4.72E+04	0.00E+00	8.24E+02	1.94E+04	8.47E+02	9.13E+01	0.00E+00	1.18E+01	7.42E+07	1.32E+08	2.87E+01	7.88E+00	4.48E+01	3.88E+00	1.41E+00	1.20E+01	4.44E+04	1.78E+02	4.46E+00	2.59E+00	3.30E+01	4.14E+03	4.14E+01	8.52E+01	4.43E+04	3.41E+02	4.43E+04	4.47E+04	1.27E+02	0.00E+00	0.00E+00	1.40E+03	6.02E+01
	FP04TW2	5.65E+01	1.65E+02	-3.31E+00	1.68E+02	5.05E+04	0.00E+00	1.07E+03	5.28E+04	9.88E+02	1.03E+00	0.00E+00	1.33E+01	8.93E+07	1.41E+08	2.89E+01	1.08E+01	4.78E+01	3.96E+00	1.58E+00	1.30E+01	6.07E+04	2.43E+02	4.54E+00	2.96E+00	3.62E+01	4.36E+03	7.33E+01	8.74E+01	6.10E+04	3.41E+02	6.10E+04	6.11E+04	1.61E+02	0.00E+00	0.00E+00	1.40E+03	8.77E+01
	FP05SN2	6.21E+01	1.93E+02	-4.28E+00	1.97E+02	2.41E+04	0.00E+00	9.81E+02	2.60E+04	1.08E+03	1.17E+00	0.00E+00	3.07E+00	1.11E+08	1.43E+09	2.78E+01	9.53E+00	5.95E+01	3.51E+00	1.90E+00	1.38E+01	5.45E+04	2.93E+02	4.74E+00	3.73E+00	4.23E+01	5.74E+03	3.60E+01	1.08E+02	5.57E+04	1.03E+01	5.57E+04	5.58E+04	1.43E+02	0.00E+00	0.00E+00	1.40E+03	8.40E+01
	FP05SW2	6.86E+01	2.01E+02	-4.00E+00	2.05E+02	2.73E+04	0.00E+00	1.28E+03	6.83E+04	1.18E+03	1.34E+00	0.00E+00	3.95E+00	1.25E+08	1.48E+09	2.74E+01	1.10E+01	6.10E+01	3.41E+00	2.00E+00	1.33E+01	7.55E+04	3.30E+02	4.69E+00	3.47E+00	4.43E+01	5.52E+03	6.17E+01	1.07E+02	7.58E+04	7.07E+02	7.58E+04	7.60E+04	1.69E+02	0.00E+00	0.00E+00	1.40E+03	8.54E+01
	FP05TN2	6.10E+01	1.87E+02	-4.26E+00	1.97E+02	4.72E+04	0.00E+00	9.89E+02	2.23E+04	1.05E+03	1.13E+00	0.00E+00	1.16E+01	9.12E+07	1.59E+08	2.90E+01	8.63E+00	5.87E+01	2.70E+00	1.78E+00	1.14E+01	5.45E+04	2.93E+02	5.19E+00	3.18E+00	4.10E+01	4.70E+03	4.28E+01	1.08E+02	5.56E+04	3.41E+02	5.56E+04	5.58E+04	1.48E+02	0.00E+00	0.00E+00	1.40E+03	7.59E+01
	FP05TW2	6.86E+01	2.03E+02	-3.95E+00	2.07E+02	5.05E+04	0.00E+00	1.28E+03	6.42E+04	1.18E+03	1.34E+00	0.00E+00	1.35E+01	1.06E+08	1.68E+09	2.90E+01	1.22E+01	6.20E+01	2.72E+00	1.97E+00	1.28E+01	7.68E+04	2.83E+02	5.28E+00	3.58E+00	4.46E+01	4.94E+03	7.94E+01	1.08E+02	7.61E+04	3.41E+02	7.61E+04	7.63E+04	1.87E+02	0.00E+00	0.00E+00	1.40E+03	8.40E+01
	FP11SN2	2.88E+01	8.19E+01	-1.39E+00	9.26E+01	2.39E+04	0.00E+00	5.05E+02	1.24E+04	4.89E+02	5.32E+01	0.00E+00	1.36E+00	4.22E+07	6.72E+07	2.50E+01	5.12E+00	2.82E+01	1.97E+00	8.28E+01	7.29E+00	1.33E+04	1.44E+02	1.20E+00	1.47E+00	1.95E+01	2.87E+03	2.46E+01	4.48E+01	1.74E+04	6.89E+02	1.34E+04	1.39E+04	6.89E+01	0.00E+00	0.00E+00	1.40E+03	3.87E+01
	FP11SW2	2.85E+01	9.16E+01	-1.47E+00	9.45E+01	2.71E+04	0.00E+00	5.64E+02	1.88E+04	4.95E+02	5.34E+01	0.00E+00	2.01E+00	5.54E+07	6.86E+07	2.45E+01	5.12E+00	2.81E+01	1.35E+00	8.06E+01	5.99E+00	1.73E+04	1.35E+02	1.45E+00	1.48E+00	1.96E+01	3.63E+03	3.46E+01	4.48E+01	1.74E+04	6.89E+02	1.34E+04	1.39E+04	7.40E+01	0.00E+00	0.00E+00	1.40E+03	3.46E+01
	FP11TN2	2.78E+01	8.78E+01	-1.35E+00	8.94E+01	4.71E+04	0.00E+00	5.00E+02	1.10E+04	4.77E+02	5.18E+01	0.00E+00	6.21E+00	3.77E+07	7.98E+07	2.85E+01	5.10E+00	2.68E+01	1.55E+00	8.30E+01	6.93E+00	1.33E+04	8.93E+01	1.59E+00	1.45E+00	1.88E+01	2.36E+03	3.10E+01	4.39E+01	1.34E+04	3.74E+02	1.34E+04	1.35E+04	7.49E+01	0.00E+00	0.00E+00	1.40E+03	3.55E+01
	FP11TW2	3.02E+01	9.37E+01	-1.43E+00	9.52E+01	5.03E+04	0.00E+00	5.00E+02	1.94E+04	5.16E+02	5.62E+01	0.00E+00	7.54E+00	5.17E+07	7.92E+07	2.85E+01	6.42E+00	2.83E+01	1.52E+00	8.82E+01	7.18E+00	1.74E+04	1.22E+02	1.65E+00	1.60E+00	2.05E+01	2.54E+03	4.54E+01	4.48E+01	1.78E+04	3.74E+02	1.78E+04	1.78E+04	9.25E+01	0.00E+00	0.00E+00	1.40E+03	3.77E+01
	FP12SN2	3.11E+01	9.87E+01	-2.40E+00	9.91E+01	2.39E+04	0.00E+00	5.82E+02	1.53E+04	5.48E+02	5.90E+01																											

FP33TW2	2.52E+01	6.87E+01	8.88E+01	6.78E+01	3.87E+04	0.00E+00	5.74E+02	3.43E+04	3.96E+02	4.34E+01	0.00E+00	2.25E+01	4.12E+01	8.88E+01	2.75E+01	8.48E+00	1.78E+01	2.38E+00	6.16E+01	7.32E+00	4.32E+04	1.62E+02	4.17E+06	1.37E+06	1.48E+01	2.42E+03	6.38E+01	3.15E+01	4.33E+04	1.18E+02	4.33E+04	4.34E+04	9.51E+01	0.00E+00	0.00E+00	1.40E+03	2.60E+01
FP34SN2	2.15E+01	7.09E+01	1.55E+02	7.24E+01	2.39E+04	0.00E+00	4.40E+02	1.11E+04	3.83E+02	4.18E+01	0.00E+00	1.58E+00	4.80E+01	9.02E+01	2.52E+01	5.91E+00	1.95E+01	3.33E+00	5.05E+01	8.12E+00	4.17E+04	1.53E+02	3.33E+06	1.15E+06	1.51E+01	2.76E+03	2.98E+01	3.70E+01	4.12E+04	7.52E+03	4.12E+04	4.13E+04	6.69E+01	0.00E+00	0.00E+00	1.40E+03	2.14E+01
FP34SW2	2.76E+01	8.27E+01	1.28E+02	8.40E+01	2.72E+04	0.00E+00	6.87E+02	4.39E+04	4.76E+02	5.14E+01	0.00E+00	3.01E+00	8.26E+01	6.35E+01	2.53E+01	8.52E+00	2.18E+01	3.42E+00	8.76E+01	9.23E+00	5.74E+04	2.02E+02	3.39E+06	1.47E+06	1.77E+01	2.96E+03	8.64E+01	3.87E+01	5.97E+04	7.57E+03	5.79E+04	5.77E+04	9.51E+01	0.00E+00	0.00E+00	1.40E+03	2.86E+01
FP34TN2	2.49E+01	7.24E+01	1.45E+02	7.38E+01	3.55E+04	0.00E+00	4.94E+02	1.18E+04	4.05E+02	4.37E+01	0.00E+00	2.12E+01	3.30E+01	9.37E+01	2.81E+01	6.78E+00	1.97E+01	3.43E+00	5.68E+01	8.23E+00	4.12E+04	1.47E+02	4.91E+06	1.33E+06	1.19E+01	2.86E+03	9.97E+01	3.87E+01	4.13E+04	1.15E+02	4.13E+04	4.14E+04	7.69E+01	0.00E+00	0.00E+00	1.40E+03	2.41E+01
FP34TW2	3.10E+01	9.33E+01	1.23E+02	8.65E+01	2.88E+04	0.00E+00	7.02E+02	4.46E+04	4.95E+02	5.44E+01	0.00E+00	2.27E+01	4.77E+01	1.03E+02	3.90E+01	1.00E+01	2.22E+01	3.52E+00	7.35E+01	9.46E+00	5.73E+04	2.14E+02	4.88E+06	1.68E+06	1.68E+01	3.26E+03	7.38E+01	3.90E+01	5.77E+04	1.16E+02	5.77E+04	5.78E+04	1.13E+02	0.00E+00	0.00E+00	1.40E+03	3.13E+01
FP35SN2	3.06E+01	9.14E+01	1.17E+02	8.40E+01	2.39E+04	0.00E+00	5.77E+02	1.38E+04	5.92E+02	5.78E+01	0.00E+00	1.99E+01	5.96E+01	7.98E+01	2.81E+01	6.84E+00	2.56E+01	5.06E+00	7.98E+01	1.08E+01	5.18E+04	1.82E+02	4.16E+06	1.65E+06	2.08E+01	3.30E+03	5.58E+01	4.58E+01	5.17E+04	9.32E+03	5.17E+04	5.18E+04	8.80E+01	0.00E+00	0.00E+00	1.40E+03	3.36E+01
FP35SW2	3.77E+01	1.13E+02	1.58E+02	1.15E+02	2.73E+04	0.00E+00	8.94E+02	5.47E+04	6.48E+02	6.97E+01	0.00E+00	3.48E+00	7.42E+01	8.42E+01	2.82E+01	1.07E+01	2.84E+01	5.18E+00	1.03E+00	1.21E+01	7.18E+04	2.44E+02	4.25E+06	2.03E+06	2.41E+01	3.52E+03	6.71E+01	4.78E+01	7.21E+04	9.37E+03	7.21E+04	7.22E+04	1.15E+02	0.00E+00	0.00E+00	1.40E+03	4.25E+01
FP35TN2	3.44E+01	9.87E+01	1.72E+02	1.00E+02	3.56E+04	0.00E+00	5.90E+02	1.41E+04	5.48E+02	5.97E+01	0.00E+00	2.13E+01	4.03E+01	1.15E+02	2.90E+01	7.74E+00	2.58E+01	5.13E+00	8.56E+01	1.00E+01	5.18E+04	1.71E+02	5.74E+06	1.82E+06	2.17E+01	3.20E+03	4.48E+01	4.50E+01	5.18E+04	1.15E+02	5.18E+04	5.19E+04	9.07E+01	0.00E+00	0.00E+00	3.22E+03	3.63E+01
FP35TW2	4.16E+01	1.14E+02	1.43E+02	1.18E+02	2.39E+04	0.00E+00	9.00E+02	5.53E+04	8.88E+02	7.27E+01	0.00E+00	2.29E+01	5.54E+01	1.34E+02	2.91E+01	1.18E+01	2.97E+01	5.23E+00	1.08E+00	1.22E+01	7.20E+04	2.41E+02	4.15E+06	2.23E+06	2.31E+01	3.44E+03	8.52E+01	4.81E+01	7.23E+04	1.16E+02	7.23E+04	7.24E+04	1.33E+02	0.00E+00	0.00E+00	3.22E+03	4.51E+01
FP41AT	1.01E+01	3.23E+01	3.77E+01	2.73E+01	3.07E+04	0.00E+00	1.96E+02	5.23E+03	2.52E+01	1.58E+01	0.00E+00	1.15E+01	2.03E+01	2.52E+01	2.33E+01	3.14E+00	8.97E+00	9.35E+00	2.55E+01	3.24E+00	1.96E+04	6.00E+01	8.81E+05	5.59E+07	6.93E+01	1.28E+03	1.96E+01	1.88E+01	1.08E+04	3.73E+03	1.08E+04	1.10E+04	3.81E+01	0.00E+00	0.00E+00	1.40E+03	1.58E+01
FP41SN2	1.03E+01	3.29E+01	3.77E+01	2.73E+01	3.08E+04	0.00E+00	1.91E+02	5.43E+03	1.82E+02	1.98E+01	0.00E+00	9.08E+01	2.02E+01	2.55E+01	2.33E+01	3.14E+00	9.46E+00	1.21E+00	2.61E+01	3.05E+00	1.06E+04	6.88E+01	8.72E+07	5.59E+07	7.08E+02	1.38E+03	1.75E+01	1.88E+01	1.09E+04	3.73E+03	1.09E+04	1.10E+04	3.81E+01	0.00E+00	0.00E+00	1.40E+03	1.11E+01
FP41SW2	1.23E+01	3.78E+01	6.68E+01	3.84E+01	2.73E+04	0.00E+00	3.17E+02	1.40E+04	2.18E+02	2.33E+01	0.00E+00	1.78E+00	3.47E+01	2.95E+01	2.37E+01	4.22E+00	1.06E+01	1.24E+00	3.19E+01	4.97E+00	1.52E+04	9.88E+01	1.04E+06	6.84E+07	8.14E+02	1.71E+03	2.71E+01	1.94E+01	1.51E+04	3.77E+03	1.51E+04	1.51E+04	4.68E+01	0.00E+00	0.00E+00	1.40E+03	1.38E+01
FP41TN2	1.25E+01	3.39E+01	3.74E+01	3.48E+01	3.54E+04	0.00E+00	3.22E+02	5.98E+03	1.50E+02	2.11E+01	0.00E+00	1.06E+01	1.86E+01	4.54E+01	2.59E+01	3.92E+00	9.50E+02	1.26E+00	3.14E+01	3.83E+00	1.06E+04	6.00E+01	1.79E+06	6.50E+07	7.58E+02	1.38E+03	2.52E+01	1.88E+01	1.10E+04	1.50E+02	1.10E+04	1.10E+04	4.38E+01	0.00E+00	0.00E+00	1.40E+03	1.34E+01
FP41TW2	1.43E+01	3.88E+01	6.31E+01	3.82E+01	3.87E+04	0.00E+00	3.20E+02	1.43E+04	2.25E+02	2.48E+01	0.00E+00	1.19E+01	3.04E+01	4.88E+01	2.59E+01	3.29E+00	1.04E+01	1.20E+00	3.64E+01	4.53E+00	1.55E+04	8.32E+01	1.84E+06	7.88E+07	8.59E+02	1.91E+03	2.98E+01	1.93E+01	1.51E+04	1.50E+02	1.51E+04	5.95E+01	0.00E+00	0.00E+00	1.40E+03	1.55E+01	
FP42AT	1.36E+01	4.05E+01	7.12E+01	3.80E+01	2.39E+04	0.00E+00	2.73E+02	7.46E+03	3.56E+02	8.91E+01	0.00E+00	9.14E+01	3.14E+01	7.57E+01	3.06E+01	1.49E+01	3.06E+01	4.58E+01	2.78E+01	1.91E+00	1.76E+04	1.76E+02	3.15E+06	1.64E+06	1.94E+02	2.98E+03	3.19E+01	2.12E+04	1.91E+04	1.64E+02	2.19E+04	2.19E+04	5.81E+01	0.00E+00	0.00E+00	1.40E+03	1.51E+01
FP42SN2	1.40E+01	4.77E+01	1.12E+02	4.88E+01	2.38E+04	0.00E+00	3.48E+02	7.88E+03	2.55E+02	2.78E+01	0.00E+00	8.89E+01	3.12E+01	3.78E+01	2.42E+01	4.03E+00	1.36E+01	1.97E+00	3.17E+01	5.28E+00	2.12E+04	9.94E+01	1.78E+06	7.43E+07	1.05E+01	1.80E+03	2.05E+01	2.67E+01	2.13E+04	8.87E+03	2.13E+04	2.13E+04	4.72E+01	0.00E+00	0.00E+00	1.40E+03	1.32E+01
FP42SW2	1.72E+01	5.50E+01	8.73E+01	5.62E+01	2.71E+04	0.00E+00	4.37E+02	2.44E+04	3.05E+02	3.34E+01	0.00E+00	2.25E+00	4.54E+01	4.24E+01	2.44E+01	5.89E+00	1.52E+01	2.02E+00	4.12E+01	6.34E+00	2.93E+04	1.43E+02	1.85E+06	9.43E+07	1.16E+01	2.24E+03	3.56E+01	2.78E+01	2.93E+04	9.52E+03	2.93E+04	2.93E+04	5.35E+01	0.00E+00	0.00E+00	1.40E+03	1.76E+01
FP42TN2	1.56E+01	4.81E+01	1.05E+02	4.52E+01	3.54E+04	0.00E+00	3.52E+02	8.08E+03	2.62E+02	2.86E+01	0.00E+00	1.67E+01	2.36E+01	5.72E+01	2.84E+01	4.74E+00	1.38E+01	1.79E+00	3.59E+01	5.11E+00	2.12E+04	8.81E+01	2.56E+06	8.26E+07	1.04E+01	1.84E+03	2.78E+01	2.69E+01	2.13E+04	1.50E+02	2.13E+04	2.14E+04	5.44E+01	0.00E+00	0.00E+00	1.40E+03	1.53E+01
FP42TW2	1.90E+01	5.55E+01	9.38E+01	5.65E+01	3.87E+04	0.00E+00	4.31E+02	2.46E+04	3.17E+02	3.46E+01	0.00E+00	1.20E+01	3.75E+01	6.17E+01	2.65E+01	6.89E+00	1.53E+01	1.85E+00	4.48E+01	5.95E+00	2.94E+04	1.23E+02	2.62E+06	1.03E+06	1.25E+01	2.99E+03	4.84E+01	2.73E+01	2.99E+04	1.50E+02	2.99E+04	2.99E+04	7.84E+01	0.00E+00	0.00E+00	1.40E+03	1.97E+01
FP43SN2	2.01E+01	6.48E+01	1.17E+02	6.88E+01	2.39E+04	0.00E+00	4.44E+02	9.84E+03	3.56E+02	3.88E+01	0.00E+00	1.26E+00	4.26E+01	5.07E+01	2.48E+01	4.96E+01	6.81E+00	2.56E+00	4.98E+01	6.81E+00	3.18E+04	1.31E+02	2.60E+06	1.07E+06	1.38E+01	2.44E+03	2.87E+01	3.52E+01	3.14E+04	9.50E+03	3.14E+04	3.14E+04	6.20E+01	0.00E+00	0.00E+00	1.40E+03	2.12E+01
FP43SW2	2.48E+01	7.48E+01	1.27E+02	7.58E+01	2.71E+04	0.00E+00	6.08E+02	3.49E+04	4.32E+02	4.87E+01	0.00E+00	2.65E+00	5.70E+01	3.88E+01	2.55E+01	7.47E+00	2.64E+01	2.63E+00	6.35E+01	8.06E+00	4.39E+04	1.83E+02	2.67E+06	1.33E+06	1.81E+01	2.62E+03	4.78E+01	3.68E+01	4.37E+04	9.55E+03	4.37E+04	4.38E+04	8.43E+01	0.00E+00	0.00E+00	1.40E+03	2.70E+01
FP43TN2	2.33E+01	6.54E+01	1.41E+02	6.88E+01	3.55E+04	0.00E+00	4.54E+02	1.05E+04	3.78E+02	4.04E+01	0.00E+00	2.12E+01	3.15E+01	8.94E+01	2.78E+01	6.04E+00	1.87E+01	2.38E+00	5.62E+01	6.84E+00	3.14E+04	1.21E+02	4.17E+06	1.24E+06	1.47E+01	2.37E+03	3.68E+01	3.58E+01	3.15E+04	1.51E+02	3.15E+04	3.15E+04	7.22E+01	0.00E+00	0.00E+00	1.40E+03	2.38E+01
FP43TW2	2.80E+01	7.97E+01	1.21E+02	7.70E+01	3.87E+04	0.00E+00	6.14E+02	3.33E+04	4.47E+02	4.88E+01	0.00E+00	2.28E+01	4.80E+01	9.35E+01	2.77E+01	8.89E+00	2.46E+01	2.45E+00	6.92E+01	7.88E+00	4.38E+04	1.87E+02	4.23E+06	1.51E+06	1.69E+01	2.97E+03	6.42E+01	3.70E+01	4.38E+04	1.52E+02	4.38E+04	4.38E+04	1.01E+02	0.00E+00	0.00E+00	1.40E+03	2.95E+01
FP44SN2	2.58E+01	8.48E+01	1.38E+02	8.80E+01	2.39E+04	0.00E+00	4.99E+02	1.24E+04	5.63E+02	6.01E+01	0.00E+00	1.67E+00	5.47E+01	6.82E+01	2.98E+01	3.87E+00	2.68E+01	2.93E+00	6.78E+01	7.95E+00	2.93E+04	1.62E+02	4.15E+06	1.38E+06	1.81E+01	2.96E+03	5.28E+01	4.78E+01	4.18E+04	1.52E+02	5.18E+04	4.20E+04	7.48E+01	0.00E+00	0.00E+00	1.40E+03	2.73E+01
FP44SW2	3.15E+01	9.74E+01	1.58E+02	9.70E+01	2.71E+04	0.00E+00	7.48E+02	4.58E+04	5.88E+02	6.01E+01	0.00E+00	3.10E+00	6.95E+01	7.38E+01	2.56E+01	3.87E+00	2.73E+01	3.02E+00	6.16E+01	9.37E+00	5.89E+04	2.25E+02	3.47E+06	1.69E+06	2.09E+01	3.35E+03	5.63E+01	4.70E+01	4.38E+04	1.52E+02	5.83E+04	5.84E+04	1.03E+02	0.00E+00	0.00E+00	1.40E+03	3.48E+01

FP74TW2	5.03E-01	1.42E-02	2.20E-03	1.44E-02	5.05E-04	0.00E+00	4.89E-04	8.46E-02	9.33E-01	0.00E+00	1.29E-01	6.91E-07	1.31E-06	2.87E-01	1.55E-01	3.62E-01	4.89E-03	1.19E-02	1.27E-01	6.13E-04	2.26E-02	4.48E-06	2.83E-09	3.23E-01	3.77E-03	1.39E-02	6.35E-01	6.16E-04	2.58E-02	6.18E-04	6.18E-04	1.94E-02	0.00E+00	0.00E+00	1.49E-03	5.08E-01	
FP75SN2	4.64E-01	1.41E-02	-3.21E-03	1.44E-02	2.40E-04	0.00E+00	7.30E-02	1.93E-04	8.09E-02	8.78E-01	0.00E+00	2.23E-03	8.88E-07	1.08E-06	2.88E-01	9.98E-02	4.09E-01	3.92E-03	1.27E-01	1.15E-01	5.38E-04	2.27E-02	4.42E-06	2.42E-09	3.15E-01	4.41E-03	5.43E-01	7.73E-01	5.40E-04	3.72E-02	5.43E-04	5.42E-04	1.32E-02	0.00E+00	0.00E+00	1.49E-03	5.42E-01
FP75SW2	5.35E-01	1.59E-02	2.91E-03	1.58E-02	2.73E-04	0.00E+00	1.06E-03	6.01E-04	2.95E-02	1.00E+00	0.00E+00	3.80E-02	1.02E-06	1.17E-06	2.69E-01	1.26E-01	4.38E-01	4.06E-03	1.48E-02	1.28E-01	7.42E-04	2.96E-02	4.50E-06	2.81E-09	3.47E-01	4.84E-03	8.71E-01	7.94E-01	7.43E-04	3.79E-02	7.41E-04	7.47E-04	1.67E-02	0.00E+00	0.00E+00	1.49E-03	6.36E-01
FP75TN2	4.75E-01	1.39E-02	-3.18E-03	1.42E-02	4.72E-04	0.00E+00	7.36E-02	1.84E-04	9.04E-02	8.75E-01	0.00E+00	1.12E-01	6.71E-07	1.27E-06	2.88E-01	1.02E-01	4.30E-01	3.97E-03	1.23E-01	1.12E-01	5.39E-04	2.88E-02	5.12E-09	2.48E-09	3.13E-01	4.40E-03	6.38E-01	7.68E-01	5.41E-04	2.58E-02	5.41E-04	5.42E-04	1.49E-02	0.00E+00	0.00E+00	1.49E-03	5.32E-01
FP75TW2	5.54E-01	1.59E-02	2.91E-03	1.58E-02	2.59E-04	0.00E+00	1.06E-03	5.97E-04	3.35E-02	1.07E+00	0.00E+00	1.29E-01	6.24E-07	1.36E-06	2.89E-01	1.45E-01	4.33E-01	4.05E-03	1.48E-02	1.25E-01	7.42E-04	2.96E-02	4.50E-06	2.89E-09	3.35E-01	4.40E-03	6.38E-01	7.68E-01	5.41E-04	2.58E-02	5.41E-04	5.42E-04	1.49E-02	0.00E+00	0.00E+00	1.49E-03	6.02E-01
FP81SN2	1.66E-01	5.53E-01	1.28E-03	5.60E-01	2.38E-04	0.00E+00	3.93E-02	7.84E-03	2.60E-02	3.16E-01	0.00E-00	6.28E-01	4.40E-07	2.41E-07	3.68E-01	1.56E-01	4.71E-01	4.06E-03	1.58E-02	1.30E-01	2.97E-02	1.16E-06	8.69E-07	1.14E-01	1.94E-03	1.98E-01	8.73E-01	7.42E-04	4.43E-02	7.42E-04	1.19E-04	1.19E-04	4.88E-02	0.00E+00	0.00E+00	1.49E-03	1.68E-01
FP81SW2	1.84E-01	5.79E-01	-1.16E-03	5.85E-01	2.71E-04	0.00E+00	3.97E-02	1.61E-04	3.22E-02	3.48E-01	0.00E+00	1.88E-03	4.41E-07	4.39E-07	2.41E-01	4.63E-02	1.64E-01	1.71E-03	4.91E-01	5.98E-03	1.58E-04	1.19E-02	1.16E-06	9.87E-07	1.23E-01	2.07E-03	2.88E-01	3.59E-01	1.68E-04	1.91E-02	1.88E-04	1.88E-04	5.95E-01	0.00E+00	0.00E+00	1.49E-03	2.08E-01
FP81TN2	1.74E-01	5.53E-01	1.25E-03	5.62E-01	4.71E-04	0.00E+00	3.96E-02	8.37E-03	2.66E-02	3.22E-01	0.00E+00	5.54E-02	2.65E-07	5.94E-07	2.62E-01	4.88E-02	1.53E-01	1.74E-03	4.92E-01	5.25E-03	1.18E-04	7.44E-01	1.53E-06	9.08E-07	1.19E-01	1.88E-03	2.58E-01	3.57E-01	1.19E-04	2.93E-02	1.19E-04	1.19E-04	5.57E-01	0.00E+00	0.00E+00	1.49E-03	2.10E-01
FP81TW2	2.01E-01	5.95E-01	-1.15E-03	6.00E-01	5.03E-04	0.00E+00	3.97E-02	1.68E-04	3.38E-02	3.71E-01	0.00E+00	8.88E-03	4.04E-07	4.52E-07	2.62E-01	6.85E-02	1.64E-01	1.74E-03	5.47E-01	6.05E-03	1.59E-04	1.58E-02	1.60E-06	1.08E-06	1.29E-01	2.03E-03	4.81E-01	3.59E-01	1.60E-04	2.84E-02	1.83E-04	1.81E-04	7.91E-01	0.00E+00	0.00E+00	1.49E-03	2.23E-01
FP82SW2	2.75E-01	6.31E-01	1.48E-03	6.37E-01	2.75E-04	0.00E+00	5.69E-02	2.74E-04	7.65E-02	5.12E-01	0.00E+00	3.50E-02	6.01E-07	6.20E-07	2.88E-01	1.53E-01	2.41E-01	1.74E-03	7.58E-01	7.32E-03	3.58E-04	1.96E-02	2.00E-06	1.49E-06	1.86E-01	2.05E-03	2.72E-03	3.68E-01	3.05E-04	3.05E-04	3.06E-04	8.07E-01	0.00E+00	0.00E+00	1.49E-03	3.26E-01	
FP82TN2	2.49E-01	6.71E-01	-1.85E-03	6.79E-01	4.71E-04	0.00E+00	4.96E-02	1.11E-04	4.26E-02	4.81E-01	0.00E+00	5.66E-02	3.62E-07	6.74E-07	2.68E-01	4.59E-02	2.23E-01	2.26E-03	6.95E-01	6.87E-03	2.02E-04	1.93E-02	2.13E-06	1.47E-06	1.67E-01	2.43E-03	2.68E-01	4.36E-01	2.23E-04	2.93E-02	2.23E-04	2.24E-04	7.03E-01	0.00E+00	0.00E+00	1.49E-03	2.88E-01
FP82TW2	2.89E-01	6.95E-01	-1.65E-03	6.88E-01	5.04E-04	0.00E+00	5.78E-02	2.78E-04	4.86E-02	5.32E-01	0.00E+00	7.06E-02	5.23E-07	7.25E-07	2.68E-01	7.88E-02	2.40E-01	2.28E-03	7.02E-01	7.98E-03	3.54E-04	1.48E-02	2.40E-06	1.53E-06	1.86E-01	2.65E-03	5.55E-01	4.48E-01	3.08E-04	2.94E-02	3.08E-04	3.07E-04	9.88E-01	0.00E+00	0.00E+00	1.49E-03	3.38E-01
FP83SW2	3.71E-01	1.11E-02	2.23E-03	1.14E-02	2.72E-04	0.00E+00	7.74E-02	3.89E-04	4.44E-02	6.93E-01	0.00E+00	2.85E-02	7.62E-07	8.27E-07	2.56E-01	7.66E-02	3.20E-01	3.03E-03	1.06E+00	0.98E+00	4.49E-04	2.94E-02	2.87E-06	1.96E-09	2.43E-01	3.47E-03	4.77E-01	5.97E-01	4.51E-04	2.72E-02	4.51E-04	4.52E-04	1.07E-02	0.00E+00	0.00E+00	1.49E-03	4.02E-01
FP83TN2	3.39E-01	1.01E-02	-2.42E-03	1.05E-02	4.72E-04	0.00E+00	6.17E-02	1.42E-04	5.75E-02	6.19E-01	0.00E+00	1.19E-01	5.01E-07	3.98E-07	2.77E-01	6.96E-02	3.16E-01	3.05E-03	8.45E-01	8.49E+00	3.37E-04	3.96E-06	1.79E-06	2.22E-03	3.07E-03	3.37E-01	5.97E-01	3.29E-04	2.94E-02	3.29E-04	3.38E-04	9.09E-01	0.00E+00	0.00E+00	1.49E-03	4.02E-01	
FP83TW2	3.95E-01	1.13E-02	2.42E-03	1.16E-02	5.06E-04	0.00E+00	7.78E-02	3.97E-04	5.02E-02	7.11E-01	0.00E+00	1.24E-01	6.46E-07	6.92E-07	2.76E-01	7.96E-02	3.28E-01	3.05E-03	1.06E+00	0.97E+00	4.56E-04	1.96E-02	2.84E-06	2.44E-09	3.35E-03	3.78E-03	5.87E-01	4.59E-04	2.94E-02	4.59E-04	4.59E-04	1.27E-02	0.00E+00	0.00E+00	1.49E-03	4.60E-01	
FP84SW2	4.58E-01	1.37E-02	-2.78E-03	1.40E-02	2.72E-04	0.00E+00	9.59E-02	5.02E-04	7.97E-02	8.59E-01	0.00E+00	3.35E-02	9.23E-07	1.01E-06	2.63E-01	9.21E-02	3.98E-01	3.45E-03	1.32E-02	1.11E-01	5.94E-04	2.59E-02	3.71E-06	2.41E-06	3.05E-01	4.12E-03	5.21E-01	7.32E-01	5.97E-04	3.39E-02	5.97E-04	5.98E-04	1.25E-02	0.00E+00	0.00E+00	1.49E-03	5.65E-01
FP84TN2	4.14E-01	1.24E-02	3.02E-03	1.27E-02	4.72E-04	0.00E+00	7.18E-02	1.70E-04	7.05E-02	7.52E-01	0.00E+00	1.11E-01	6.15E-07	1.12E-06	2.83E-01	7.31E-02	3.67E-01	3.41E-03	1.12E-02	9.76E-03	6.32E-04	1.62E-02	4.35E-06	2.14E-06	2.72E-01	3.58E-03	3.47E-01	7.09E-01	4.33E-04	2.94E-02	4.33E-04	4.34E-04	1.05E-02	0.00E+00	0.00E+00	1.49E-03	4.91E-01
FP84TW2	4.89E-01	1.39E-02	-2.72E-03	1.41E-02	5.05E-04	0.00E+00	9.60E-02	5.01E-04	8.07E-02	8.73E-01	0.00E+00	1.26E-01	7.69E-07	1.21E-06	2.84E-01	1.19E-01	3.95E-01	3.47E-03	1.32E-02	1.10E-01	5.95E-04	2.39E-02	4.44E-06	2.51E-09	3.05E-01	3.82E-03	7.45E-01	7.29E-01	5.97E-04	2.94E-02	5.97E-04	5.99E-04	1.47E-02	0.00E+00	0.00E+00	1.49E-03	5.65E-01
FP85SN2	4.80E-01	1.49E-02	3.03E-03	1.52E-02	2.48E-04	0.00E+00	8.39E-02	2.95E-04	8.40E-02	9.02E-01	0.00E+00	2.24E-02	9.34E-07	1.11E-06	2.69E-01	7.51E-02	4.47E-01	3.99E-03	1.43E-02	1.17E-01	5.95E-04	2.34E-02	4.46E-06	2.55E-09	3.27E-01	4.95E-03	2.68E-01	8.52E-01	5.98E-04	4.42E-02	5.98E-04	5.99E-04	1.12E-02	0.00E+00	0.00E+00	1.49E-03	5.97E-01
FP85SW2	5.49E-01	1.69E-02	3.23E-03	1.67E-02	2.73E-04	0.00E+00	1.14E-02	6.11E-04	9.86E-02	1.02E+00	0.00E+00	3.76E-02	1.06E-06	1.25E-06	2.76E-01	1.08E-01	4.78E-01	4.06E-03	1.56E-02	1.30E-01	2.97E-02	1.16E-06	2.89E-09	3.60E-01	4.81E-03	5.98E-01	8.73E-01	7.42E-04	4.43E-02	7.42E-04	7.44E-04	1.47E-02	0.00E+00	0.00E+00	1.49E-03	6.80E-01	
FP85TN2	4.92E-01	1.49E-02	-3.81E-03	1.51E-02	4.73E-04	0.00E+00	8.23E-02	1.98E-04	8.39E-02	9.00E-01	0.00E+00	1.12E-01	7.37E-07	1.36E-06	2.69E-01	8.09E-02	4.38E-01	4.09E-03	1.37E-02	1.14E-01	5.99E-04	1.97E-02	5.16E-06	2.54E-09	3.29E-01	4.14E-03	3.62E-01	8.45E-01	5.98E-04	2.94E-02	5.98E-04	5.99E-04	1.21E-02	0.00E+00	0.00E+00	1.49E-03	5.83E-01
FP85TW2	5.98E-01	1.49E-02	3.29E-03	1.49E-02	5.04E-04	0.00E+00	1.07E-03	5.99E-04	8.89E-02	9.34E-01	0.00E+00	1.27E-01	8.86E-07	1.25E-06	2.92E-01	1.19E-01	4.56E-01	1.22E-03	1.42E-02	9.11E-03	7.33E-04	2.89E-02	5.05E-06	2.69E-09	3.24E-01	4.21E-03	7.47E-01	8.54E-01	7.33E-04	2.94E-02	7.33E-04	7.37E-04	1.61E-02	0.00E+00	0.00E+00	1.49E-03	6.14E-01
FP91SN2	1.89E-01	6.92E-01	-1.38E-03	6.99E-01	2.71E-04	0.00E+00	4.19E-02	8.72E-03	3.28E-02	3.53E-01	0.00E+00	6.83E-01	3.32E-07	4.44E-07	2.45E-01	4.38E-02	1.76E-01	1.74E-03	4.97E-01	6.05E-03	1.20E-04	1.14E-02	9.78E-07	1.27E-01	2.27E-03	2.35E-01	3.38E-01	1.21E-04	1.17E-02	1.21E-04	1.22E-04	5.71E-01	0.00E+00	0.00E+00	1.49E-03	1.21E-01	
FP91SW2	2.02E-01	6.39E-01	1.28E-03	6.46E-01	2.38E-04	0.00E+00	4.19E-02	1.69E-04	4.69E-02	3.51E-01	0.00E+00	9.49E-02	4.79E-07	2.63E-07	2.45E-01	4.76E-02	1.74E-01	1.74E-03	5.46E-01	6.20E-03	1.67E-04	1.20E-06	1.02E-09	1.37E-01	2.45E-03	2.33E-01	3.38E-01	1.21E-04	1.17E-02	1.21E-04	1.63E-04	5.78E-01	0.00E+00	0.00E+00	1.49E-03	2.32E-01	
FP91TN2	1.89E-01	6.92E-01	-1.38E-03	6.99E-01	4.71E-04	0.00E+00	4.14E-02	8.96E-03	3.25E-02	3.51E-01	0.00E+00	5.57E-02	2.95E-07	5.42E-07	2.45E-01	4.76E-02	1.68E-01	1.82E-03	5.42E-01	5.51E-03	1.20E-04	7.76E-01	1.56E-06	9.88E-07	1.27E-01	1.87E-03	2.57E-01	3.38E-01	1.21E-04	3.26E-02	1.21E-04	1.22E-04	5.78E-01	0.00E+00	0.00E+00	1.49E-03	2.31E-01
FP91TW2	2.17E-01	6.49E-01	-1.22E-03	6.56E-01	5.03E-04</																																

ZB33W	3.34E-01	1.09E+02	5.88E-01	1.05E+02	2.72E-04	0.00E+00	5.88E+02	3.44E-04	5.75E+02	6.38E-01	0.00E+00	2.83E+00	4.08E-07	8.08E-07	2.05E+01	1.05E+01	2.74E-01	2.81E+00	8.36E-01	8.05E+00	4.98E+04	1.99E+02	2.38E+00	1.78E+00	2.25E-01	2.78E+03	8.78E+01	2.05E+01	4.58E+04	2.29E+02	4.98E+04	4.95E+04	1.08E+02	0.00E+00	0.05E+00	1.48E+03	3.58E+01
ZB33WL	3.34E-01	1.09E+02	5.74E-01	1.05E+02	2.71E-04	0.00E+00	5.88E+02	3.41E-04	5.74E+02	6.40E-01	0.00E+00	2.88E+00	4.11E-07	8.05E-07	2.47E+01	1.13E+01	2.77E-01	2.29E+00	8.23E-01	7.73E+00	4.98E+04	1.83E+02	2.38E+00	1.78E+00	2.24E-01	2.57E+03	9.93E+01	2.07E+01	4.58E+04	3.79E+02	4.98E+04	4.95E+04	1.22E+02	0.00E+00	0.05E+00	1.48E+03	3.51E+01
ZB34ES	4.04E-01	1.21E+02	4.45E+00	1.24E+02	1.48E-04	0.00E+00	5.51E+02	1.53E-04	7.88E+02	7.79E-01	0.00E+00	8.80E-01	5.38E-07	9.78E-07	2.65E+01	1.17E+01	3.29E-01	3.82E+00	9.78E-01	1.07E+01	4.48E+04	1.74E+02	3.04E+00	2.08E+00	2.77E-01	3.45E+03	8.71E+01	6.11E+01	4.48E+04	3.01E+02	4.48E+04	4.48E+04	1.48E+02	0.00E+00	0.05E+00	1.48E+03	4.19E+01
ZB34W	4.81E-01	1.41E+02	2.11E+00	1.43E+02	2.73E-04	0.00E+00	8.11E+02	4.91E-04	8.35E+02	9.18E-01	0.00E+00	3.48E+00	8.43E-07	1.11E+00	2.88E+01	1.43E+01	3.47E-01	4.78E+00	1.18E+00	1.28E+01	6.12E+04	3.22E+00	2.54E+00	3.18E-01	4.07E+03	1.18E+02	6.38E+01	6.18E+04	3.01E+02	6.18E+04	6.17E+04	1.79E+02	0.00E+00	0.05E+00	1.48E+03	5.07E+01	
ZB34WL	4.83E-01	1.41E+02	2.11E+00	1.43E+02	2.73E-04	0.00E+00	8.04E+02	4.87E-04	8.35E+02	9.21E-01	0.00E+00	3.51E+00	8.47E-07	1.10E+00	2.83E+01	1.54E+01	3.47E-01	4.78E+00	1.18E+00	1.28E+01	6.12E+04	3.22E+00	2.54E+00	3.17E-01	4.07E+03	1.18E+02	6.38E+01	6.18E+04	3.01E+02	6.18E+04	6.17E+04	1.79E+02	0.00E+00	0.05E+00	1.48E+03	5.02E+01	
ZB35W	5.36E-01	1.58E+02	2.87E+00	1.58E+02	2.73E-04	0.00E+00	8.08E+00	6.02E-04	9.35E+02	9.98E-01	0.00E+00	3.88E+00	1.02E+00	1.16E+00	2.68E+01	7.47E+01	4.38E-01	3.68E+00	1.48E+00	1.28E+01	7.43E+04	3.05E+00	2.81E+00	3.47E-01	4.64E+03	1.73E+02	7.93E+01	7.43E+04	7.47E+04	1.72E+02	0.00E+00	0.05E+00	1.48E+03	6.38E+01			
ZB35WL	5.36E-01	1.58E+02	2.87E+00	1.58E+02	2.73E-04	0.00E+00	1.64E+03	5.99E-04	9.32E+02	1.05E+00	0.00E+00	3.88E+00	1.02E+00	1.16E+00	2.88E+01	1.44E+01	4.38E-01	3.48E+00	1.48E+00	1.21E+01	7.43E+04	2.74E+02	3.85E+00	2.81E+00	3.46E-01	4.46E+03	1.68E+02	7.93E+01	7.43E+04	7.47E+04	1.88E+02	0.00E+00	0.05E+00	1.48E+03	8.25E+01		
ZB41S	1.61E-01	5.17E+01	1.30E+00	5.38E+01	2.38E-04	0.00E+00	3.84E+02	7.73E-05	2.84E+02	3.07E-01	0.00E+00	5.93E-01	3.01E-07	3.83E-07	2.35E+01	3.44E+00	1.51E-01	1.68E+00	4.28E-01	4.71E+00	1.17E+04	7.54E-01	5.43E-07	8.42E-07	1.11E+01	1.68E+03	1.88E+01	2.98E+01	1.18E+04	1.01E+02	1.18E+04	1.19E+04	4.85E+01	0.00E+00	0.05E+00	1.48E+03	1.82E+01
ZB42S	2.37E-01	7.48E+01	1.88E+00	7.87E+01	2.23E-04	0.00E+00	4.87E+02	1.05E-04	4.16E+02	4.48E-01	0.00E+00	9.98E-01	4.38E-07	5.81E-07	2.44E+01	3.58E+00	2.25E-01	2.18E+00	6.58E-01	6.21E+00	2.22E+04	1.08E+02	1.65E+00	1.23E+00	1.62E-01	2.32E+03	2.03E+01	4.38E+01	2.23E+04	1.77E+02	2.23E+04	2.23E+04	6.38E+01	0.00E+00	0.05E+00	1.48E+03	2.82E+01
ZB43S	3.22E-01	1.00E+02	2.46E+00	1.00E+02	2.38E-04	0.00E+00	6.05E+02	1.35E-04	7.42E+02	6.05E-01	0.00E+00	1.38E+00	9.17E-07	7.50E-07	2.44E+01	5.88E+00	2.92E-01	2.98E+00	2.98E+00	1.71E+01	8.28E+03	2.74E+02	1.48E+00	1.68E+00	2.18E-01	3.02E+03	2.03E+01	4.38E+01	2.23E+04	3.23E+04	3.23E+04	6.38E+01	0.00E+00	0.05E+00	1.48E+03	3.91E+01	
ZB44S	3.96E-01	1.23E+02	3.06E+00	1.23E+02	2.45E-04	0.00E+00	7.08E+02	1.75E-04	8.92E+02	7.44E-01	0.00E+00	1.81E+00	7.73E-07	9.18E-07	2.85E+01	6.33E+00	3.68E-01	3.38E+00	1.14E+00	9.97E+00	4.31E+04	1.78E+02	3.10E+00	2.06E+00	2.75E-01	3.85E+03	2.51E+01	7.10E+01	4.33E+04	3.36E+02	4.33E+04	4.34E+04	9.81E+01	0.00E+00	0.05E+00	1.48E+03	4.88E+01
ZB45S	4.79E-01	1.47E+02	3.65E+00	1.51E+02	2.45E-04	0.00E+00	8.14E+02	2.03E-04	8.30E+02	8.92E-01	0.00E+00	2.23E+00	9.31E-07	1.10E+00	2.67E+01	7.34E+00	4.41E-01	4.04E+00	1.38E+00	1.18E+01	5.35E+04	2.18E+02	3.83E+00	2.48E+00	3.22E-01	4.32E+03	2.74E+01	8.47E+01	5.38E+04	4.42E+02	5.38E+04	5.39E+04	1.12E+02	0.00E+00	0.05E+00	1.48E+03	5.92E+01
ZB51W	2.01E-01	6.29E+01	1.22E+00	6.41E+01	2.71E-04	0.00E+00	4.08E+02	1.67E-04	3.52E+02	3.82E-01	0.00E+00	1.94E+00	4.87E-07	4.74E-07	2.43E+01	5.78E+00	1.80E-01	1.79E+00	5.38E-01	6.08E+00	1.61E+04	2.21E+02	1.04E+00	1.08E+00	1.38E-01	2.26E+03	3.80E+01	8.02E+01	1.62E+04	1.17E+02	1.62E+04	1.63E+04	6.96E+01	0.00E+00	0.05E+00	1.48E+03	2.30E+01
ZB51WL	1.98E-01	6.08E+01	1.21E+00	6.22E+01	2.71E-04	0.00E+00	3.85E+02	1.65E-04	3.42E+02	3.73E-01	0.00E+00	1.95E+00	4.87E-07	4.63E-07	2.38E+01	5.78E+00	1.79E+01	1.20E+00	5.15E-01	4.97E+00	1.61E+04	2.17E+02	1.05E+00	1.08E+00	1.31E-01	1.94E+03	4.51E+01	8.38E+01	1.62E+04	2.14E+02	1.62E+04	1.62E+04	7.88E+01	0.00E+00	0.05E+00	1.48E+03	2.25E+01
ZB52W	2.97E-01	9.81E+01	1.47E+00	1.01E+02	2.71E-04	0.00E+00	6.85E+02	2.04E-04	7.48E+02	5.88E-01	0.00E+00	6.85E+00	6.72E-07	7.50E-07	6.91E+00	1.24E+01	3.38E-01	7.93E+00	3.75E+00	3.67E+00	1.68E+02	1.77E+05	1.58E+00	1.98E+00	2.97E+03	4.32E+03	5.06E+01	9.78E+01	2.23E+04	3.30E+04	3.30E+04	3.48E+01	0.00E+00	0.05E+00	1.48E+03	3.54E+01	
ZB52WL	2.93E-01	8.89E+01	1.19E+00	9.08E+01	2.71E-04	0.00E+00	5.89E+02	2.77E-04	5.10E+02	5.53E-01	0.00E+00	2.43E+00	6.48E-07	6.81E-07	2.45E+01	7.29E+00	2.83E-01	1.75E+00	8.08E-01	6.81E+00	3.07E+04	1.33E+02	1.75E+00	1.55E+00	1.93E-01	2.55E+03	5.24E+01	5.01E+01	3.08E+04	3.02E+02	3.08E+04	3.08E+04	1.03E+02	0.00E+00	0.05E+00	1.48E+03	3.44E+01
ZB53S	3.85E-01	1.12E+02	2.85E+00	1.15E+02	2.39E-04	0.00E+00	6.54E+02	1.56E-04	8.25E+02	6.71E-01	0.00E+00	1.51E+00	6.75E-07	8.31E-07	2.85E+01	6.88E+00	3.35E-01	3.02E+00	1.04E+00	9.27E+00	3.17E+04	1.88E+02	2.47E+00	1.88E+00	2.45E-01	3.87E+03	3.14E+01	6.38E+01	3.33E+04	3.15E+02	3.33E+04	3.34E+04	9.51E+01	0.00E+00	0.05E+00	1.48E+03	4.62E+01
ZB53W	4.03E-01	1.21E+02	2.41E+00	1.24E+02	2.72E-04	0.00E+00	8.10E+02	4.01E-04	8.99E+02	7.54E-01	0.00E+00	2.93E+00	8.12E-07	8.94E-07	2.58E+01	8.83E+00	3.51E-01	3.11E+00	1.18E+00	1.01E+01	4.33E+04	2.18E+02	2.53E+00	2.13E+00	2.85E-01	3.74E+03	5.52E+01	6.48E+01	4.98E+04	3.15E+02	4.98E+04	4.97E+04	1.28E+02	0.00E+00	0.05E+00	1.48E+03	4.95E+01
ZB53WL	3.98E-01	1.19E+02	2.45E+00	1.22E+02	2.72E-04	0.00E+00	7.97E+02	3.94E-04	8.89E+02	7.48E-01	0.00E+00	2.94E+00	8.12E-07	8.82E-07	2.54E+01	8.75E+00	3.51E-01	3.21E+00	1.14E+00	9.95E+00	4.33E+04	1.83E+02	2.50E+00	2.15E+00	2.81E-01	3.35E+03	6.48E+01	6.47E+01	4.98E+04	4.12E+02	4.93E+04	4.97E+04	1.33E+02	0.00E+00	0.05E+00	1.48E+03	4.85E+01
ZB54S	4.43E-01	1.37E+02	4.43E+00	1.41E+02	2.48E-04	0.00E+00	7.78E+02	1.92E-04	7.74E+02	8.34E-01	0.00E+00	1.92E+00	8.54E-07	1.02E+00	2.67E+01	7.43E+00	4.15E-01	3.97E+00	1.28E+00	1.10E+01	4.38E+04	2.21E+02	3.20E+00	3.18E+00	3.02E-01	4.29E+03	3.90E+01	8.08E+01	4.38E+04	4.13E+02	4.38E+04	4.39E+04	1.11E+02	0.00E+00	0.05E+00	1.48E+03	5.52E+01
ZB54W	4.97E-01	1.48E+02	3.18E+00	1.52E+02	2.72E-04	0.00E+00	1.00E+03	5.19E-04	8.84E+02	9.29E-01	0.00E+00	3.48E+00	9.89E-07	1.09E+00	2.88E+01	1.07E+01	4.39E-01	3.98E+00	1.48E+00	1.18E+01	5.99E+04	2.83E+02	3.26E+00	2.82E+00	3.27E-01	4.44E+03	5.94E+01	8.17E+01	6.02E+04	4.14E+02	6.02E+04	6.03E+04	1.41E+02	0.00E+00	0.05E+00	1.48E+03	8.25E+01
ZB54WL	4.95E-01	1.47E+02	3.18E+00	1.51E+02	2.72E-04	0.00E+00	9.92E+02	5.12E-04	8.88E+02	9.25E-01	0.00E+00	3.42E+00	9.98E-07	1.08E+00	2.81E+01	1.08E+01	4.34E-01	3.94E+00	1.47E+00	1.08E+01	5.98E+04	2.74E+02	3.24E+00	2.80E+00	3.24E-01	4.94E+03	7.28E+01	8.17E+01	6.01E+04	5.10E+02	6.01E+04	6.03E+04	1.54E+02	0.00E+00	0.05E+00	1.48E+03	8.19E+01
ZB55S	5.29E-01	1.63E+02	4.10E+00	1.68E+02	2.48E-04	0.00E+00	8.87E+02	2.27E-04	9.24E+02	9.92E-01	0.00E+00	2.34E+00	1.03E+00	1.21E+00	2.74E+01	8.44E+00	4.94E-01	4.18E+00	1.58E+00	1.28E+01	5.41E+04	3.17E+02	3.94E+00	2.78E+00	3.59E-01	5.09E+03	3.25E+01	9.58E+01	5.44E+04	5.12E+02	5.44E+04	5.45E+04	1.28E+02	0.00E+00	0.05E+00	1.48E+03	8.64E+01
ZB55W	5.97E-01	1.78E+02	4.15E+00	1.83E+02	2.73E-04	0.00E+00	1.29E+03	6.38E+00	1.17E+03	1.11E+03	0.00E+00	3.89E+00	1.17E+00	1.25E+00	2.74E+01	1.78E+00	5.20E-01	4.21E+00	1.73E+00	1.38E+01	5.41E+04	3.17E+02	3.94E+00	3.11E+00	3.87E-01	5.17E+03	3.70E+01	9.74E+01	5.48E+04	5.13E+02	5.48E+04	5.70E+04	1.67E+02	0.00E+00	0.05E+00	1.48E+03	7.68E+01
ZB55WL	5.93E-01	1.76E+02	3.80E+00	1.82E+02	2.73E-04	0.00E+00	1.19E+03	6.29E-04	1.03E-01	1.11E+03	0.00E+00	3.90E+00	1.17E+00	1.28E+00	2.85E+01	1.24E+01	5.18E-01	3.88E+00	1.73E+00	1.28E+01	5.45E+04	2.83E+02	3.86E+00	3.11E+00	3.87E-01	4.76E+03	3.68E+01	9.74E+01	5.48E+04	6.06E+02	5.48E+04	7.50E+04	1.78E+02	0.00E+00	0.05E+00	1.48E+03	7.36E+01
FP01SN2	6.89E-03	3.95E+00	8.41E-03	3.88E+00	5.95E+00	0.00E+00	1																														

FP33SW2	3.96E-03	2.53E-04	4.17E-03	2.55E-04	3.94E-04	0.00E+00	7.25E-01	9.45E-04	7.21E-04	7.91E-03	0.00E+00	1.07E-02	4.91E-03	8.37E-03	8.88E-02	1.67E-02	0.00E+00	4.30E-03	2.17E-03	2.35E-01	4.50E-01	0.00E+00	2.95E-08	3.41E-08	2.96E-02	1.86E-04	1.84E-01	0.00E+00	4.50E-01	9.18E-07	4.50E-01	4.52E-01	1.84E-01	0.00E+00	0.00E+00	0.00E+00	9.30E-02
FP33TN2	3.80E-03	2.31E-04	3.80E-03	2.30E-04	3.49E-04	0.00E+00	6.60E-01	8.80E-04	9.88E-04	7.20E-03	0.00E+00	9.72E-03	4.47E-03	8.53E-03	8.80E-02	1.52E-02	0.00E+00	3.91E-03	1.97E-03	2.14E-01	4.10E-01	0.00E+00	2.88E-08	3.10E-08	2.33E-02	1.70E-04	1.67E-01	0.00E+00	4.10E-01	8.35E-07	4.10E-01	4.11E-01	1.67E-01	0.00E+00	0.00E+00	0.00E+00	8.47E-02
FP33TW2	4.00E-03	2.56E-04	4.25E-03	2.58E-04	3.88E-04	0.00E+00	7.33E-01	9.55E-04	7.85E-04	8.00E-03	0.00E+00	1.08E-02	4.96E-03	8.47E-03	8.97E-02	1.66E-02	0.00E+00	4.34E-03	2.19E-03	2.38E-01	4.55E-01	0.00E+00	2.98E-08	3.44E-08	2.94E-02	1.88E-04	1.88E-01	0.00E+00	4.55E-01	9.28E-07	4.55E-01	4.57E-01	1.88E-01	0.00E+00	0.00E+00	0.00E+00	9.40E-02
FP34SN2	4.43E-03	2.84E-04	4.67E-03	2.81E-04	4.29E-04	0.00E+00	8.12E-01	1.08E-03	9.07E-04	8.80E-03	0.00E+00	1.20E-02	5.50E-03	1.05E-08	9.94E-02	1.87E-02	0.00E+00	4.81E-03	2.43E-03	2.63E-01	5.04E-01	0.00E+00	3.30E-08	3.82E-08	2.89E-02	2.06E-04	2.06E-01	0.00E+00	5.04E-01	1.03E-08	5.04E-01	5.08E-01	2.06E-01	0.00E+00	0.00E+00	0.00E+00	1.04E-01
FP34SW2	4.40E-03	3.17E-04	5.22E-03	3.16E-04	4.40E-04	0.00E+00	9.08E-01	1.18E-03	9.02E-04	9.30E-03	0.00E+00	1.34E-02	6.14E-03	1.17E-08	1.17E-01	2.05E-02	0.00E+00	5.38E-03	2.71E-03	2.94E-01	5.63E-01	0.00E+00	3.66E-08	4.28E-08	3.30E-02	2.33E-04	2.33E-01	0.00E+00	5.63E-01	1.15E-08	5.63E-01	5.65E-01	2.33E-01	0.00E+00	0.00E+00	0.00E+00	1.16E-01
FP34TN2	4.46E-03	2.87E-04	4.72E-03	2.84E-04	4.30E-04	0.00E+00	8.58E-01	1.07E-03	9.65E-04	8.10E-03	0.00E+00	1.21E-02	5.58E-03	1.06E-08	1.06E-01	1.86E-02	0.00E+00	4.86E-03	2.46E-03	2.66E-01	5.06E-01	0.00E+00	3.30E-08	3.86E-08	2.89E-02	2.11E-04	2.11E-01	0.00E+00	5.06E-01	1.04E-08	5.06E-01	5.11E-01	2.06E-01	0.00E+00	0.00E+00	0.00E+00	1.05E-01
FP34TW2	5.50E-03	3.20E-04	5.26E-03	3.19E-04	4.84E-04	0.00E+00	9.16E-01	1.19E-03	9.88E-04	9.90E-03	0.00E+00	1.59E-02	6.20E-03	1.19E-08	1.12E-01	2.11E-02	0.00E+00	5.42E-03	2.74E-03	2.97E-01	5.68E-01	0.00E+00	3.72E-08	4.39E-08	3.23E-02	2.35E-04	2.32E-01	0.00E+00	5.68E-01	1.16E-08	5.68E-01	5.70E-01	2.32E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-01
FP35SN2	5.82E-03	3.72E-04	6.13E-03	3.72E-04	5.64E-04	0.00E+00	1.07E-02	1.33E-03	1.08E-03	1.16E-02	0.00E+00	1.57E-02	7.22E-03	1.38E-08	1.31E-01	2.46E-02	0.00E+00	6.32E-03	3.16E-03	3.46E-01	6.61E-01	0.00E+00	4.33E-08	5.01E-08	3.76E-02	2.74E-04	2.70E-01	0.00E+00	6.61E-01	1.35E-08	6.61E-01	6.64E-01	2.70E-01	0.00E+00	0.00E+00	0.00E+00	1.97E-01
FP36SW2	6.45E-03	4.13E-04	8.80E-03	4.12E-04	6.28E-04	0.00E+00	1.18E-02	1.54E-03	1.17E-03	1.29E-02	0.00E+00	1.74E-02	8.00E-03	1.53E-08	1.43E-01	2.72E-02	0.00E+00	7.01E-03	3.53E-03	3.83E-01	7.33E-01	0.00E+00	4.80E-08	5.55E-08	4.17E-02	3.04E-04	2.99E-01	0.00E+00	7.33E-01	1.55E-08	7.33E-01	7.36E-01	2.99E-01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
FP35TN2	5.86E-03	3.79E-04	6.13E-03	3.74E-04	5.68E-04	0.00E+00	1.07E-02	1.40E-03	1.07E-03	1.16E-02	0.00E+00	1.56E-02	7.26E-03	1.38E-08	1.31E-01	2.47E-02	0.00E+00	6.32E-03	3.16E-03	3.46E-01	6.61E-01	0.00E+00	4.33E-08	5.01E-08	3.76E-02	2.74E-04	2.70E-01	0.00E+00	6.61E-01	1.35E-08	6.66E-01	6.68E-01	2.72E-01	0.00E+00	0.00E+00	0.00E+00	1.98E-01
FP35TW2	6.49E-03	4.18E-04	8.84E-03	4.15E-04	6.29E-04	0.00E+00	1.19E-02	1.55E-03	1.18E-03	1.30E-02	0.00E+00	1.75E-02	8.05E-03	1.54E-08	1.44E-01	2.74E-02	0.00E+00	7.05E-03	3.55E-03	3.88E-01	7.38E-01	0.00E+00	4.83E-08	5.59E-08	4.19E-02	3.05E-04	3.01E-01	0.00E+00	7.38E-01	1.55E-08	7.38E-01	7.41E-01	3.01E-01	0.00E+00	0.00E+00	0.00E+00	1.93E-01
FP41AT	2.18E-03	1.39E-03	2.35E-03	1.39E-03	2.11E-04	0.00E+00	3.99E-01	5.20E-04	3.97E-04	4.36E-03	0.00E+00	5.88E-03	2.70E-03	5.16E-03	4.88E-02	9.30E-03	0.00E+00	2.37E-03	1.19E-03	1.29E-01	2.48E-01	0.00E+00	1.62E-08	1.88E-08	1.41E-02	1.02E-04	1.01E-01	0.00E+00	2.48E-01	5.05E-07	2.48E-01	2.48E-01	1.01E-01	0.00E+00	0.00E+00	0.00E+00	5.12E-02
FP41SN2	2.15E-03	1.38E-04	2.27E-03	1.38E-04	2.08E-04	0.00E+00	3.94E-01	5.14E-04	3.92E-04	4.30E-03	0.00E+00	5.81E-03	2.67E-03	5.06E-03	4.83E-02	9.00E-03	0.00E+00	2.34E-03	1.18E-03	1.28E-01	2.45E-01	0.00E+00	1.60E-08	1.85E-08	1.39E-02	1.01E-04	9.99E-02	0.00E+00	2.45E-01	4.96E-07	2.45E-01	2.46E-01	9.99E-02	0.00E+00	0.00E+00	0.00E+00	5.06E-02
FP41SW2	2.41E-03	1.54E-04	2.54E-03	1.54E-04	2.34E-04	0.00E+00	4.42E-01	5.75E-04	4.39E-04	4.82E-03	0.00E+00	6.59E-03	2.99E-03	5.70E-03	5.41E-02	1.02E-02	0.00E+00	2.62E-03	1.32E-03	1.43E-01	2.74E-01	0.00E+00	1.79E-08	2.07E-08	1.59E-02	1.12E-04	1.12E-01	0.00E+00	2.74E-01	5.99E-07	2.74E-01	2.75E-01	1.12E-01	0.00E+00	0.00E+00	0.00E+00	5.86E-02
FP41TN2	2.16E-03	1.38E-04	2.28E-03	1.38E-04	2.09E-04	0.00E+00	3.96E-01	5.16E-04	3.94E-04	4.32E-03	0.00E+00	5.83E-03	2.68E-03	5.01E-03	4.84E-02	9.11E-03	0.00E+00	2.35E-03	1.19E-03	1.28E-01	2.46E-01	0.00E+00	1.61E-08	1.86E-08	1.39E-02	1.02E-04	1.00E-01	0.00E+00	2.46E-01	5.01E-07	2.46E-01	2.47E-01	1.00E-01	0.00E+00	0.00E+00	0.00E+00	5.07E-02
FP41TW2	2.32E-03	1.48E-04	2.44E-03	1.48E-04	2.29E-04	0.00E+00	4.25E-01	5.54E-04	4.22E-04	4.84E-03	0.00E+00	6.26E-03	2.88E-03	5.49E-03	5.20E-02	1.07E-02	0.00E+00	2.52E-03	1.27E-03	1.38E-01	2.64E-01	0.00E+00	1.73E-08	2.00E-08	1.59E-02	1.09E-04	1.08E-01	0.00E+00	2.64E-01	5.38E-07	2.64E-01	2.65E-01	1.08E-01	0.00E+00	0.00E+00	0.00E+00	5.45E-02
FP42AT	3.98E-03	1.97E-04	3.24E-03	1.97E-04	2.98E-04	0.00E+00	5.84E-01	7.33E-04	5.91E-04	6.16E-03	0.00E+00	8.31E-03	3.82E-03	7.29E-03	6.97E-02	1.36E-02	0.00E+00	3.34E-03	1.69E-03	1.83E-01	3.50E-01	0.00E+00	2.29E-08	2.65E-08	1.99E-02	1.45E-04	1.43E-01	0.00E+00	3.50E-01	7.14E-07	3.50E-01	3.51E-01	1.43E-01	0.00E+00	0.00E+00	0.00E+00	7.23E-02
FP42SN2	2.98E-03	1.91E-04	3.14E-03	1.91E-04	2.89E-04	0.00E+00	5.47E-01	7.12E-04	5.43E-04	5.96E-03	0.00E+00	8.05E-03	3.70E-03	7.08E-03	6.69E-02	1.26E-02	0.00E+00	3.24E-03	1.63E-03	1.77E-01	3.39E-01	0.00E+00	2.22E-08	2.57E-08	1.93E-02	1.40E-04	1.38E-01	0.00E+00	3.39E-01	6.91E-07	3.39E-01	3.40E-01	1.38E-01	0.00E+00	0.00E+00	0.00E+00	7.01E-02
FP42SW2	3.35E-03	2.15E-04	3.52E-03	2.14E-04	3.25E-04	0.00E+00	6.14E-01	8.05E-04	6.10E-04	6.70E-03	0.00E+00	9.64E-03	4.16E-03	7.95E-03	7.52E-02	1.41E-02	0.00E+00	3.64E-03	1.84E-03	1.99E-01	3.81E-01	0.00E+00	2.50E-08	2.89E-08	2.16E-02	1.59E-04	1.59E-01	0.00E+00	3.81E-01	7.77E-07	3.81E-01	3.82E-01	1.59E-01	0.00E+00	0.00E+00	0.00E+00	7.67E-02
FP42TN2	3.04E-03	1.98E-04	3.21E-03	1.98E-04	2.95E-04	0.00E+00	5.61E-01	7.26E-04	5.64E-04	6.09E-03	0.00E+00	8.21E-03	3.77E-03	7.20E-03	6.83E-02	1.18E-02	0.00E+00	3.30E-03	1.67E-03	1.81E-01	3.48E-01	0.00E+00	2.27E-08	2.62E-08	1.96E-02	1.43E-04	1.41E-01	0.00E+00	3.48E-01	7.04E-07	3.48E-01	3.47E-01	1.41E-01	0.00E+00	0.00E+00	0.00E+00	7.16E-02
FP42TW2	3.32E-03	2.13E-04	3.59E-03	2.12E-04	3.22E-04	0.00E+00	6.08E-01	7.93E-04	6.04E-04	6.64E-03	0.00E+00	8.99E-03	4.12E-03	7.88E-03	7.49E-02	1.40E-02	0.00E+00	3.60E-03	1.82E-03	1.97E-01	3.77E-01	0.00E+00	2.47E-08	2.89E-08	2.14E-02	1.59E-04	1.54E-01	0.00E+00	3.77E-01	7.70E-07	3.77E-01	3.79E-01	1.54E-01	0.00E+00	0.00E+00	0.00E+00	7.60E-02
FP43SN2	4.15E-03	2.68E-04	4.37E-03	2.68E-04	4.02E-04	0.00E+00	7.60E-01	9.90E-04	7.59E-04	8.29E-03	0.00E+00	1.12E-02	5.14E-03	9.81E-03	9.30E-02	1.75E-02	0.00E+00	4.50E-03	2.27E-03	2.46E-01	4.71E-01	0.00E+00	3.06E-08	3.57E-08	2.68E-02	1.95E-04	1.93E-01	0.00E+00	4.71E-01	9.82E-07	4.71E-01	4.73E-01	1.93E-01	0.00E+00	0.00E+00	0.00E+00	9.74E-02
FP43SW2	4.84E-03	2.97E-04	4.89E-03	2.96E-04	4.49E-04	0.00E+00	8.50E-01	1.11E-03	8.44E-04	9.27E-03	0.00E+00	1.25E-02	5.73E-03	1.10E-08	1.04E-01	1.96E-02	0.00E+00	5.04E-03	2.54E-03	2.78E-01	5.27E-01	0.00E+00	3.45E-08	3.99E-08	3.00E-02	2.18E-04	2.18E-01	0.00E+00	5.27E-01	1.08E-08	5.27E-01	5.28E-01	2.18E-01	0.00E+00	0.00E+00	0.00E+00	1.08E-01
FP43TN2	4.25E-03	2.72E-04	4.45E-03	2.71E-04	4.12E-04	0.00E+00	7.97E-01	1.01E-03	7.74E-04	8.56E-03	0.00E+00	1.15E-02	5.27E-03	1.01E-08	1.04E-01	1.93E-02	0.00E+00	4.75E-03	2.35E-03	2.52E-01	4.93E-01	0.00E+00	3.35E-08	3.82E-08	2.74E-02	2.03E-04	2.03E-01	0.00E+00	4.93E-01	9.85E-07	4.93E-01	4.95E-01	2.03E-01	0.00E+00	0.00E+00	0.00E+00	9.98E-02
FP43TW2	4.65E-03	2.98E-04	4.86E-03	2.97E-04	4.51E-04	0.00E+00	8.53E-01	1.11E-03	8.45E-04	9.36E-03	0.00E+00	1.26E-02	5.77E-03	1.10E-08	1.04E-01	1.96E-02	0.00E+00	5.05E-03	2.55E-03	2.78E-01	5.26E-01	0.00E+00	3.46E-08	4.00E-08	3.06E-02	2.19E-04	2.18E-01	0.00E+00	5.26E-01	1.08E-08	5.26E-01	5.31E-01	2.18E-01	0.00E+00	0.00E+00	0.00E+00	

FP74SW2	8.36E+0	5.31E+0	8.75E+0	5.30E+0	8.04E+0	0.00E+0	1.52E+0	1.98E+0	1.51E+0	1.66E+0	0.00E+0	2.24E+0	1.03E+0	1.96E+0	1.86E+0	3.50E+0	0.00E+0	9.01E+0	4.54E+0	4.93E+0	9.44E+0	0.00E+0	6.18E+0	7.15E+0	5.36E+0	3.91E+0	3.85E+0	0.00E+0	9.44E+0	1.92E+0	9.44E+0	9.47E+0	3.85E+0	0.00E+0	0.00E+0	0.00E+0	1.96E+0
FP74TN2	7.81E+0	4.87E+0	8.02E+0	4.86E+0	7.37E+0	0.00E+0	1.30E+0	1.82E+0	1.36E+0	1.53E+0	0.00E+0	2.02E+0	8.44E+0	1.80E+0	1.71E+0	3.21E+0	0.00E+0	8.28E+0	4.17E+0	4.52E+0	8.05E+0	0.00E+0	5.87E+0	6.55E+0	4.91E+0	3.58E+0	3.53E+0	0.00E+0	8.05E+0	1.78E+0	8.03E+0	8.08E+0	3.53E+0	0.00E+0	0.00E+0	0.00E+0	1.78E+0
FP74TW2	8.14E+0	5.17E+0	8.58E+0	5.20E+0	7.89E+0	0.00E+0	1.49E+0	1.94E+0	1.48E+0	1.63E+0	0.00E+0	2.20E+0	1.01E+0	1.93E+0	1.83E+0	3.44E+0	0.00E+0	8.84E+0	4.46E+0	4.84E+0	9.26E+0	0.00E+0	6.06E+0	7.01E+0	5.36E+0	3.83E+0	3.78E+0	0.00E+0	9.26E+0	1.89E+0	9.24E+0	9.29E+0	3.78E+0	0.00E+0	0.00E+0	0.00E+0	1.91E+0
FP75SN2	9.30E+0	5.93E+0	9.80E+0	5.94E+0	9.01E+0	0.00E+0	1.70E+0	2.22E+0	1.69E+0	1.86E+0	0.00E+0	2.51E+0	1.15E+0	2.20E+0	2.06E+0	3.82E+0	0.00E+0	1.01E+0	5.09E+0	5.32E+0	1.06E+0	0.00E+0	6.92E+0	8.00E+0	6.01E+0	4.37E+0	4.32E+0	0.00E+0	1.06E+0	2.18E+0	1.06E+0	1.06E+0	4.32E+0	0.00E+0	0.00E+0	0.00E+0	2.18E+0
FP75SW2	9.90E+0	6.37E+0	1.05E+0	6.36E+0	9.01E+0	0.00E+0	1.82E+0	2.38E+0	1.81E+0	1.99E+0	0.00E+0	2.88E+0	1.23E+0	2.35E+0	2.23E+0	4.26E+0	0.00E+0	1.08E+0	5.45E+0	5.91E+0	1.13E+0	0.00E+0	7.14E+0	8.57E+0	6.43E+0	4.68E+0	4.62E+0	0.00E+0	1.13E+0	2.31E+0	1.13E+0	1.14E+0	4.62E+0	0.00E+0	0.00E+0	0.00E+0	2.31E+0
FP75TN2	9.90E+0	5.83E+0	9.95E+0	5.86E+0	8.82E+0	0.00E+0	1.67E+0	2.17E+0	1.66E+0	1.83E+0	0.00E+0	2.44E+0	1.13E+0	2.16E+0	2.04E+0	3.84E+0	0.00E+0	8.86E+0	4.96E+0	5.41E+0	1.02E+0	0.00E+0	6.78E+0	7.83E+0	5.88E+0	4.26E+0	4.22E+0	0.00E+0	1.01E+0	2.11E+0	1.03E+0	1.04E+0	4.22E+0	0.00E+0	0.00E+0	0.00E+0	2.11E+0
FP75TW2	9.75E+0	6.24E+0	1.03E+0	6.23E+0	9.49E+0	0.00E+0	1.79E+0	2.33E+0	1.78E+0	1.96E+0	0.00E+0	2.63E+0	1.21E+0	2.31E+0	2.19E+0	4.12E+0	0.00E+0	1.06E+0	5.34E+0	5.79E+0	1.11E+0	0.00E+0	7.26E+0	8.49E+0	6.39E+0	4.59E+0	4.53E+0	0.00E+0	1.11E+0	2.30E+0	1.11E+0	1.11E+0	4.53E+0	0.00E+0	0.00E+0	0.00E+0	2.30E+0
FP81SN2	3.56E+0	2.27E+0	3.74E+0	2.27E+0	3.44E+0	0.00E+0	6.51E+0	8.48E+0	6.47E+0	7.10E+0	0.00E+0	9.58E+0	4.41E+0	8.41E+0	7.97E+0	1.50E+0	0.00E+0	3.86E+0	1.96E+0	2.11E+0	1.04E+0	0.00E+0	2.65E+0	3.08E+0	2.29E+0	1.67E+0	1.65E+0	0.00E+0	4.04E+0	1.24E+0	4.04E+0	4.06E+0	1.65E+0	0.00E+0	0.00E+0	0.00E+0	8.96E+0
FP81SW2	3.73E+0	2.29E+0	3.56E+0	2.29E+0	3.31E+0	0.00E+0	6.84E+0	8.90E+0	6.79E+0	7.49E+0	0.00E+0	1.01E+0	4.83E+0	8.39E+0	8.36E+0	1.47E+0	0.00E+0	4.05E+0	2.04E+0	2.22E+0	1.24E+0	0.00E+0	2.78E+0	3.21E+0	2.41E+0	1.75E+0	1.73E+0	0.00E+0	4.24E+0	1.85E+0	4.24E+0	4.26E+0	1.73E+0	0.00E+0	0.00E+0	0.00E+0	8.76E+0
FP81TN2	3.46E+0	2.23E+0	3.66E+0	2.23E+0	3.37E+0	0.00E+0	6.90E+0	8.73E+0	6.70E+0	7.39E+0	0.00E+0	9.33E+0	4.31E+0	8.23E+0	7.85E+0	1.57E+0	0.00E+0	3.77E+0	1.96E+0	2.07E+0	1.24E+0	0.00E+0	2.69E+0	3.12E+0	2.35E+0	1.64E+0	1.61E+0	0.00E+0	3.96E+0	1.27E+0	3.96E+0	3.97E+0	1.61E+0	0.00E+0	0.00E+0	0.00E+0	8.17E+0
FP81TW2	3.65E+0	2.34E+0	3.85E+0	2.33E+0	3.54E+0	0.00E+0	6.69E+0	8.72E+0	6.65E+0	7.30E+0	0.00E+0	9.86E+0	4.33E+0	8.44E+0	8.19E+0	1.54E+0	0.00E+0	3.97E+0	2.00E+0	2.17E+0	1.15E+0	0.00E+0	2.72E+0	3.14E+0	2.36E+0	1.72E+0	1.70E+0	0.00E+0	4.15E+0	1.84E+0	4.15E+0	4.17E+0	1.70E+0	0.00E+0	0.00E+0	0.00E+0	8.98E+0
FP82SW2	5.38E+0	3.44E+0	5.67E+0	3.44E+0	5.21E+0	0.00E+0	8.86E+0	1.28E+0	8.82E+0	1.08E+0	0.00E+0	1.43E+0	6.67E+0	1.27E+0	1.21E+0	2.27E+0	0.00E+0	5.84E+0	2.93E+0	3.20E+0	1.12E+0	0.00E+0	4.01E+0	4.63E+0	3.46E+0	2.53E+0	2.50E+0	0.00E+0	6.12E+0	1.25E+0	6.12E+0	6.14E+0	2.50E+0	0.00E+0	0.00E+0	0.00E+0	1.26E+0
FP82TN2	4.97E+0	3.18E+0	5.26E+0	3.17E+0	4.81E+0	0.00E+0	9.10E+0	1.19E+0	9.04E+0	9.93E+0	0.00E+0	1.34E+0	6.16E+0	1.18E+0	1.11E+0	2.16E+0	0.00E+0	5.59E+0	2.72E+0	2.95E+0	1.05E+0	0.00E+0	3.70E+0	4.28E+0	3.21E+0	2.34E+0	2.31E+0	0.00E+0	5.69E+0	1.15E+0	5.69E+0	5.67E+0	2.31E+0	0.00E+0	0.00E+0	0.00E+0	1.17E+0
FP82SW2	5.26E+0	3.37E+0	5.49E+0	3.36E+0	5.18E+0	0.00E+0	8.64E+0	1.26E+0	8.59E+0	1.05E+0	0.00E+0	1.42E+0	6.52E+0	1.24E+0	1.18E+0	2.22E+0	0.00E+0	5.71E+0	2.88E+0	3.13E+0	1.09E+0	0.00E+0	3.92E+0	4.53E+0	3.49E+0	2.46E+0	2.44E+0	0.00E+0	5.98E+0	1.22E+0	5.98E+0	5.96E+0	2.44E+0	0.00E+0	0.00E+0	0.00E+0	1.24E+0
FP83SW2	7.72E+0	4.65E+0	7.66E+0	4.63E+0	8.01E+0	0.00E+0	1.63E+0	2.12E+0	1.62E+0	1.79E+0	0.00E+0	2.46E+0	9.02E+0	1.74E+0	1.66E+0	3.07E+0	0.00E+0	8.96E+0	4.36E+0	4.70E+0	1.26E+0	0.00E+0	5.42E+0	6.28E+0	4.79E+0	3.42E+0	3.37E+0	0.00E+0	6.26E+0	1.36E+0	6.26E+0	6.24E+0	3.37E+0	0.00E+0	0.00E+0	0.00E+0	1.36E+0
FP83TN2	6.72E+0	4.39E+0	7.08E+0	4.29E+0	6.91E+0	0.00E+0	1.23E+0	1.69E+0	1.22E+0	1.34E+0	0.00E+0	1.81E+0	8.33E+0	1.98E+0	1.51E+0	2.84E+0	0.00E+0	7.30E+0	3.68E+0	3.99E+0	1.64E+0	0.00E+0	5.00E+0	5.78E+0	4.34E+0	3.16E+0	3.12E+0	0.00E+0	7.84E+0	1.58E+0	7.84E+0	7.87E+0	3.12E+0	0.00E+0	0.00E+0	0.00E+0	1.58E+0
FP83TW2	7.14E+0	4.37E+0	7.52E+0	4.59E+0	6.92E+0	0.00E+0	1.37E+0	1.77E+0	1.30E+0	1.43E+0	0.00E+0	1.92E+0	8.85E+0	1.89E+0	1.60E+0	3.01E+0	0.00E+0	7.75E+0	3.91E+0	4.24E+0	1.12E+0	0.00E+0	5.32E+0	6.15E+0	4.81E+0	3.36E+0	3.31E+0	0.00E+0	8.12E+0	1.65E+0	8.12E+0	8.15E+0	3.31E+0	0.00E+0	0.00E+0	0.00E+0	1.65E+0
FP84SW2	9.05E+0	5.79E+0	9.33E+0	5.79E+0	8.77E+0	0.00E+0	1.66E+0	2.18E+0	1.65E+0	1.81E+0	0.00E+0	2.44E+0	1.12E+0	2.14E+0	2.03E+0	3.82E+0	0.00E+0	9.83E+0	4.95E+0	5.38E+0	1.03E+0	0.00E+0	6.74E+0	7.79E+0	5.84E+0	4.26E+0	4.20E+0	0.00E+0	1.03E+0	2.10E+0	1.03E+0	1.03E+0	4.20E+0	0.00E+0	0.00E+0	0.00E+0	2.10E+0
FP84TN2	8.35E+0	5.59E+0	8.85E+0	5.54E+0	8.09E+0	0.00E+0	1.53E+0	1.99E+0	1.52E+0	1.67E+0	0.00E+0	2.23E+0	1.04E+0	1.96E+0	1.87E+0	3.50E+0	0.00E+0	9.97E+0	4.57E+0	4.96E+0	1.04E+0	0.00E+0	6.22E+0	7.19E+0	5.59E+0	3.93E+0	3.89E+0	0.00E+0	9.49E+0	1.94E+0	9.49E+0	9.53E+0	3.89E+0	0.00E+0	0.00E+0	0.00E+0	1.94E+0
FP84TW2	8.86E+0	5.69E+0	9.37E+0	5.68E+0	8.61E+0	0.00E+0	1.63E+0	2.12E+0	1.62E+0	1.79E+0	0.00E+0	2.46E+0	1.16E+0	2.10E+0	1.99E+0	3.76E+0	0.00E+0	9.86E+0	4.87E+0	5.28E+0	1.01E+0	0.00E+0	6.62E+0	7.69E+0	5.74E+0	4.18E+0	4.13E+0	0.00E+0	1.04E+0	2.06E+0	1.01E+0	1.01E+0	4.13E+0	0.00E+0	0.00E+0	0.00E+0	2.06E+0
FP85SN2	1.02E+0	6.51E+0	1.07E+0	6.50E+0	9.86E+0	0.00E+0	1.86E+0	2.43E+0	1.85E+0	2.03E+0	0.00E+0	2.74E+0	1.26E+0	2.41E+0	2.28E+0	4.29E+0	0.00E+0	1.10E+0	5.97E+0	6.46E+0	1.16E+0	0.00E+0	7.57E+0	8.79E+0	6.97E+0	4.79E+0	4.72E+0	0.00E+0	1.16E+0	2.36E+0	1.16E+0	1.16E+0	4.72E+0	0.00E+0	0.00E+0	0.00E+0	2.36E+0
FP85SW2	1.06E+0	6.93E+0	1.14E+0	6.92E+0	1.10E+0	0.00E+0	1.98E+0	2.58E+0	1.97E+0	2.16E+0	0.00E+0	2.92E+0	1.34E+0	2.56E+0	2.43E+0	4.57E+0	0.00E+0	1.18E+0	5.99E+0	6.43E+0	1.23E+0	0.00E+0	8.06E+0	9.32E+0	6.96E+0	5.06E+0	5.03E+0	0.00E+0	1.23E+0	2.51E+0	1.23E+0	1.24E+0	5.03E+0	0.00E+0	0.00E+0	0.00E+0	2.51E+0
FP85TN2	9.97E+0	6.38E+0	1.05E+0	6.37E+0	9.86E+0	0.00E+0	1.83E+0	2.38E+0	1.81E+0	1.99E+0	0.00E+0	2.69E+0	1.24E+0	2.36E+0	2.24E+0	4.31E+0	0.00E+0	1.08E+0	5.49E+0	5.92E+0	1.13E+0	0.00E+0	7.42E+0	8.58E+0	6.44E+0	4.66E+0	4.63E+0	0.00E+0	1.13E+0	2.31E+0	1.13E+0	1.14E+0	4.63E+0	0.00E+0	0.00E+0	0.00E+0	2.31E+0
FP85TW2	1.05E+0	6.96E+0	1.12E+0	6.95E+0	9.97E+0	0.00E+0	1.94E+0	2.46E+0	1.93E+0	2.12E+0	0.00E+0	2.78E+0	1.26E+0	2.43E+0	2.31E+0	4.26E+0	0.00E+0	1.12E+0	5.93E+0	6.41E+0	1.17E+0	0.00E+0	7.66E+0	8.88E+0	6.84E+0	4.84E+0	4.78E+0	0.00E+0	1.17E+0	2.35E+0	1.17E+0	1.17E+0	4.78E+0	0.00E+0	0.00E+0	0.00E+0	2.35E+0
FP91SN2	4.01E+0	2.56E+0	4.22E+0	2.56E+0	3.88E+0	0.00E+0	7.34E+0	9.56E+0	7.29E+0	8.01E+0	0.00E+0	1.08E+0	4.97E+0	9.46E+0	8.99E+0	1.66E+0	0.00E+0	4.35E+0	2.19E+0	2.38E+0	1.55E+0	0.00E+0	2.86E+0	3.45E+0	2.99E+0	1.86E+0	1.88E+0	0.00E+0	4.59E+0	9.26E+0	4.59E+0	4.57E+0	1.88E+0	0.00E+0	0.00E+0	0.00E+0	9.41E+0
FP91SW2	4.19E+0	2.59E+0	4.41E+0	2.58E+0	4.06E+0	0.00E+0	7.67E+0	9.99E+0	7.62E+0	8.37E+0	0.00E+0	1.13E+0	5.15E+0	9.91E+0	9.39E+0	1.77E+0	0.00E+0	4.55E+0	2.23E+0	2.46E+0	1.79E+0	0.00E+0	3.12E+0	3.65E+0	2.75E+0	1.97E+0	1.94E+0	0.00E+0	4.79E+0	9.71E+0	4.79E+0	4.79E+0	1.94E+0	0.00E+0	0.00E+0	0.00E+0	9.94E+0
FP91TN2	3.83E+0	2.44E+0	4.03E+0	2.45E+0	3.71E+0	0.00E+0	7.02E+0	9.14E+0	6.97E+0	7.66E+0	0.00E+0	1.03E+0	4.75E+0	9.06E+0	8.56E+0	1.62E+0	0.00E+0	4.16E+0	2.16E+0	2.27E+0	1.43E+0	0.00E+0	2.85E+0	3.39E+0	2.47E+0	1.80E+0	1.78E+0	0.00E+0	4.35E+0	8.86E+0	4.35E+0	4.37E+0	1.78E+0	0.00E+0	0		

	ZB33ES	5.46E+0	3.59E+0	5.75E+0	3.48E+0	5.29E+0	0.00E+0	1.00E+0	1.30E+0	9.94E+0	1.06E+0	0.00E+0	1.47E+0	8.77E+0	1.29E+0	1.22E+0	2.30E+0	0.00E+0	5.93E+0	2.99E+0	3.34E+0	6.27E+0	0.00E+0	4.07E+0	4.70E+0	3.53E+0	2.57E+0	2.53E+0	0.00E+0	6.21E+0	1.27E+0	8.21E+0	6.23E+0	2.53E+0	0.00E+0	0.00E+0	0.00E+0	1.28E+0
	ZB33SYS013	8.09E+0	5.18E+0	8.32E+0	5.17E+0	7.84E+0	0.00E+0	1.48E+0	1.93E+0	1.47E+0	1.83E+0	0.00E+0	2.18E+0	1.00E+0	1.91E+0	1.81E+0	3.41E+0	0.00E+0	8.78E+0	4.43E+0	4.80E+0	9.19E+0	0.00E+0	6.02E+0	6.99E+0	5.22E+0	3.80E+0	3.79E+0	0.00E+0	9.19E+0	1.87E+0	9.18E+0	9.23E+0	3.79E+0	0.00E+0	0.00E+0	0.00E+0	1.90E+0
	ZB33W	6.20E+0	3.99E+0	6.66E+0	3.98E+0	6.03E+0	0.00E+0	1.14E+0	1.40E+0	1.13E+0	1.23E+0	0.00E+0	1.68E+0	7.72E+0	1.47E+0	1.40E+0	2.86E+0	0.00E+0	6.78E+0	3.41E+0	3.70E+0	7.08E+0	0.00E+0	4.84E+0	5.38E+0	4.02E+0	2.93E+0	2.89E+0	0.00E+0	7.08E+0	1.44E+0	7.08E+0	7.11E+0	2.89E+0	0.00E+0	0.00E+0	0.00E+0	1.44E+0
	ZB33WL	6.30E+0	4.03E+0	6.84E+0	4.03E+0	6.18E+0	0.00E+0	1.19E+0	1.50E+0	1.15E+0	1.26E+0	0.00E+0	1.70E+0	7.81E+0	1.46E+0	1.41E+0	2.89E+0	0.00E+0	6.84E+0	3.45E+0	3.74E+0	7.18E+0	0.00E+0	4.86E+0	5.42E+0	4.07E+0	2.96E+0	2.92E+0	0.00E+0	7.18E+0	1.46E+0	7.18E+0	7.19E+0	2.92E+0	0.00E+0	0.00E+0	0.00E+0	1.46E+0
	ZB34ES	7.48E+0	4.71E+0	7.87E+0	4.70E+0	7.24E+0	0.00E+0	1.37E+0	1.78E+0	1.35E+0	1.49E+0	0.00E+0	2.02E+0	9.27E+0	1.77E+0	1.68E+0	3.15E+0	0.00E+0	8.13E+0	4.05E+0	4.44E+0	8.92E+0	0.00E+0	5.66E+0	6.49E+0	4.83E+0	3.52E+0	3.47E+0	0.00E+0	8.92E+0	1.77E+0	8.92E+0	8.93E+0	3.47E+0	0.00E+0	0.00E+0	0.00E+0	1.76E+0
	ZB34W	8.27E+0	5.20E+0	8.71E+0	5.20E+0	7.60E+0	0.00E+0	1.50E+0	1.97E+0	1.51E+0	1.63E+0	0.00E+0	2.10E+0	1.06E+0	1.96E+0	1.86E+0	3.46E+0	0.00E+0	8.89E+0	4.59E+0	4.91E+0	9.40E+0	0.00E+0	5.85E+0	7.12E+0	5.34E+0	3.89E+0	3.84E+0	0.00E+0	9.40E+0	1.92E+0	9.40E+0	9.44E+0	3.84E+0	0.00E+0	0.00E+0	0.00E+0	1.94E+0
	ZB34WL	8.34E+0	5.34E+0	8.79E+0	5.33E+0	8.08E+0	0.00E+0	1.53E+0	1.99E+0	1.52E+0	1.67E+0	0.00E+0	2.23E+0	1.03E+0	1.97E+0	1.87E+0	3.52E+0	0.00E+0	9.09E+0	4.57E+0	4.96E+0	9.48E+0	0.00E+0	6.21E+0	7.18E+0	5.39E+0	3.93E+0	3.87E+0	0.00E+0	9.48E+0	1.93E+0	9.48E+0	9.52E+0	3.87E+0	0.00E+0	0.00E+0	0.00E+0	1.96E+0
	ZB35W	9.92E+0	6.93E+0	1.04E+0	6.94E+0	9.61E+0	0.00E+0	1.82E+0	2.37E+0	1.81E+0	1.98E+0	0.00E+0	2.68E+0	1.23E+0	2.35E+0	2.23E+0	4.19E+0	0.00E+0	1.08E+0	5.40E+0	5.89E+0	1.13E+0	0.00E+0	7.38E+0	8.54E+0	6.40E+0	4.67E+0	4.60E+0	0.00E+0	1.13E+0	2.30E+0	1.13E+0	1.13E+0	4.60E+0	0.00E+0	0.00E+0	0.00E+0	2.33E+0
	ZB35WL	9.99E+0	6.99E+0	1.05E+0	6.99E+0	9.68E+0	0.00E+0	1.83E+0	2.38E+0	1.82E+0	2.00E+0	0.00E+0	2.69E+0	1.24E+0	2.36E+0	2.24E+0	4.21E+0	0.00E+0	1.09E+0	5.47E+0	5.93E+0	1.14E+0	0.00E+0	7.44E+0	8.60E+0	6.49E+0	4.70E+0	4.64E+0	0.00E+0	1.14E+0	2.32E+0	1.14E+0	1.14E+0	4.64E+0	0.00E+0	0.00E+0	0.00E+0	2.35E+0
	ZB41S	3.40E+0	2.19E+0	3.61E+0	2.19E+0	3.32E+0	0.00E+0	0.69E+0	8.18E+0	6.24E+0	6.83E+0	0.00E+0	9.42E+0	4.23E+0	8.11E+0	7.56E+0	1.47E+0	0.00E+0	3.72E+0	1.88E+0	2.04E+0	3.98E+0	0.00E+0	2.59E+0	2.95E+0	2.21E+0	8.17E+0	7.95E+0	1.50E+0	3.98E+0	7.94E+0	3.98E+0	3.97E+0	7.95E+0	1.50E+0	0.00E+0	0.00E+0	8.26E+0
	ZB42S	4.96E+0	3.17E+0	5.22E+0	3.17E+0	4.80E+0	0.00E+0	9.00E+0	1.18E+0	9.03E+0	9.91E+0	0.00E+0	1.34E+0	6.15E+0	1.17E+0	1.11E+0	2.09E+0	0.00E+0	5.38E+0	2.71E+0	2.94E+0	5.84E+0	0.00E+0	3.86E+0	4.27E+0	3.20E+0	2.33E+0	2.30E+0	0.00E+0	5.84E+0	1.15E+0	5.84E+0	5.88E+0	2.30E+0	0.00E+0	0.00E+0	0.00E+0	1.16E+0
	ZB43S	6.72E+0	4.30E+0	7.08E+0	4.29E+0	6.51E+0	0.00E+0	1.23E+0	1.60E+0	1.22E+0	1.34E+0	0.00E+0	1.81E+0	8.33E+0	1.59E+0	1.51E+0	2.84E+0	0.00E+0	7.30E+0	3.69E+0	3.99E+0	7.84E+0	0.00E+0	5.02E+0	5.78E+0	4.34E+0	3.16E+0	3.12E+0	0.00E+0	7.84E+0	1.59E+0	7.84E+0	7.87E+0	3.12E+0	0.00E+0	0.00E+0	0.00E+0	1.58E+0
	ZB44S	8.36E+0	5.39E+0	8.88E+0	5.39E+0	8.12E+0	0.00E+0	1.54E+0	2.00E+0	1.53E+0	1.68E+0	0.00E+0	2.26E+0	1.04E+0	1.98E+0	1.88E+0	3.42E+0	0.00E+0	9.10E+0	4.59E+0	4.98E+0	9.52E+0	0.00E+0	6.24E+0	7.21E+0	5.47E+0	3.94E+0	3.89E+0	0.00E+0	9.52E+0	1.94E+0	9.52E+0	9.56E+0	3.89E+0	0.00E+0	0.00E+0	0.00E+0	1.97E+0
	ZB45S	1.00E+0	6.42E+0	1.09E+0	6.41E+0	9.72E+0	0.00E+0	1.84E+0	2.39E+0	1.83E+0	2.01E+0	0.00E+0	2.71E+0	1.24E+0	2.37E+0	2.25E+0	4.23E+0	0.00E+0	1.09E+0	5.49E+0	5.98E+0	1.14E+0	0.00E+0	7.47E+0	8.63E+0	6.49E+0	4.72E+0	4.69E+0	0.00E+0	1.14E+0	2.33E+0	1.14E+0	1.14E+0	4.69E+0	0.00E+0	0.00E+0	0.00E+0	2.36E+0
	ZB51W	4.16E+0	2.62E+0	4.89E+0	2.62E+0	3.97E+0	0.00E+0	0.97E+0	9.71E+0	7.57E+0	8.16E+0	0.00E+0	1.16E+0	5.06E+0	9.89E+0	9.16E+0	1.75E+0	0.00E+0	4.45E+0	2.24E+0	2.43E+0	4.89E+0	0.00E+0	3.35E+0	3.86E+0	2.94E+0	1.93E+0	1.90E+0	0.00E+0	4.89E+0	1.46E+0	4.89E+0	4.94E+0	1.90E+0	0.00E+0	0.00E+0	0.00E+0	9.42E+0
	ZB51WL	4.08E+0	2.81E+0	4.29E+0	2.81E+0	3.99E+0	0.00E+0	0.747E+0	9.73E+0	7.42E+0	8.13E+0	0.00E+0	1.10E+0	5.06E+0	9.85E+0	9.14E+0	1.72E+0	0.00E+0	4.43E+0	2.23E+0	2.42E+0	4.83E+0	0.00E+0	3.03E+0	3.51E+0	2.63E+0	1.92E+0	1.89E+0	0.00E+0	4.83E+0	9.45E+0	4.83E+0	4.85E+0	1.89E+0	0.00E+0	0.00E+0	0.00E+0	9.38E+0
	ZB52W	5.90E+0	3.78E+0	6.21E+0	3.77E+0	5.72E+0	0.00E+0	1.08E+0	1.41E+0	1.07E+0	1.18E+0	0.00E+0	1.59E+0	7.32E+0	1.40E+0	1.32E+0	2.46E+0	0.00E+0	6.40E+0	3.22E+0	3.50E+0	6.71E+0	0.00E+0	4.39E+0	5.08E+0	3.81E+0	2.78E+0	2.74E+0	0.00E+0	6.71E+0	1.37E+0	6.71E+0	6.73E+0	2.74E+0	0.00E+0	0.00E+0	0.00E+0	1.39E+0
	ZB52WL	5.88E+0	3.77E+0	6.20E+0	3.76E+0	5.70E+0	0.00E+0	1.08E+0	1.40E+0	1.07E+0	1.18E+0	0.00E+0	1.58E+0	7.30E+0	1.39E+0	1.32E+0	2.45E+0	0.00E+0	6.39E+0	3.22E+0	3.49E+0	6.69E+0	0.00E+0	4.38E+0	5.06E+0	3.80E+0	2.77E+0	2.73E+0	0.00E+0	6.69E+0	1.36E+0	6.69E+0	6.71E+0	2.73E+0	0.00E+0	0.00E+0	0.00E+0	1.38E+0
	ZB53S	7.83E+0	4.89E+0	8.44E+0	4.87E+0	7.79E+0	0.00E+0	1.40E+0	1.83E+0	1.39E+0	1.53E+0	0.00E+0	2.09E+0	9.46E+0	1.91E+0	1.71E+0	3.22E+0	0.00E+0	8.28E+0	4.16E+0	4.53E+0	8.67E+0	0.00E+0	5.66E+0	6.57E+0	4.93E+0	3.59E+0	3.54E+0	0.00E+0	8.67E+0	1.77E+0	8.67E+0	8.71E+0	3.54E+0	0.00E+0	0.00E+0	0.00E+0	1.79E+0
	ZB53W	7.98E+0	5.11E+0	8.49E+0	5.10E+0	7.93E+0	0.00E+0	1.46E+0	1.92E+0	1.45E+0	1.59E+0	0.00E+0	2.10E+0	9.60E+0	1.96E+0	1.76E+0	3.27E+0	0.00E+0	8.66E+0	4.37E+0	4.74E+0	8.97E+0	0.00E+0	5.84E+0	6.75E+0	5.10E+0	3.75E+0	3.70E+0	0.00E+0	8.97E+0	1.85E+0	8.97E+0	9.11E+0	3.70E+0	0.00E+0	0.00E+0	0.00E+0	1.87E+0
	ZB53WL	7.96E+0	5.09E+0	8.39E+0	5.09E+0	7.77E+0	0.00E+0	1.46E+0	1.90E+0	1.45E+0	1.59E+0	0.00E+0	2.10E+0	9.57E+0	1.96E+0	1.76E+0	3.26E+0	0.00E+0	8.64E+0	4.36E+0	4.73E+0	8.95E+0	0.00E+0	5.83E+0	6.73E+0	5.14E+0	3.74E+0	3.69E+0	0.00E+0	8.95E+0	1.85E+0	8.95E+0	9.08E+0	3.69E+0	0.00E+0	0.00E+0	0.00E+0	1.87E+0
	ZB54S	9.43E+0	6.94E+0	9.94E+0	6.93E+0	9.14E+0	0.00E+0	1.73E+0	2.25E+0	1.72E+0	1.89E+0	0.00E+0	2.59E+0	1.17E+0	2.23E+0	2.12E+0	4.18E+0	0.00E+0	1.02E+0	5.16E+0	5.60E+0	1.07E+0	0.00E+0	7.02E+0	8.12E+0	6.09E+0	4.44E+0	4.38E+0	0.00E+0	1.07E+0	2.19E+0	1.07E+0	1.08E+0	4.38E+0	0.00E+0	0.00E+0	0.00E+0	2.22E+0
	ZB54W	9.90E+0	6.94E+0	1.04E+0	6.93E+0	9.99E+0	0.00E+0	1.81E+0	2.38E+0	1.80E+0	1.98E+0	0.00E+0	2.67E+0	1.23E+0	2.34E+0	2.22E+0	4.18E+0	0.00E+0	1.07E+0	5.42E+0	5.88E+0	1.13E+0	0.00E+0	7.37E+0	8.52E+0	6.39E+0	4.69E+0	4.59E+0	0.00E+0	1.13E+0	2.29E+0	1.13E+0	1.13E+0	4.59E+0	0.00E+0	0.00E+0	0.00E+0	2.32E+0
	ZB54WL	9.88E+0	6.92E+0	1.04E+0	6.92E+0	9.97E+0	0.00E+0	1.81E+0	2.38E+0	1.80E+0	1.97E+0	0.00E+0	2.67E+0	1.23E+0	2.34E+0	2.22E+0	4.17E+0	0.00E+0	1.07E+0	5.41E+0	5.87E+0	1.13E+0	0.00E+0	7.35E+0	8.50E+0	6.38E+0	4.69E+0	4.58E+0	0.00E+0	1.13E+0	2.29E+0	1.13E+0	1.13E+0	4.58E+0	0.00E+0	0.00E+0	0.00E+0	2.32E+0
	ZB55S	1.12E+0	7.19E+0	1.16E+0	7.18E+0	1.09E+0	0.00E+0	2.06E+0	2.68E+0	2.05E+0	2.23E+0	0.00E+0	3.03E+0	1.39E+0	2.66E+0	2.52E+0	4.74E+0	0.00E+0	1.22E+0	6.15E+0	6.68E+0	1.28E+0	0.00E+0	8.37E+0	9.67E+0	7.26E+0	5.26E+0	5.22E+0	0.00E+0	1.28E+0	2.61E+0	1.28E+0	1.28E+0	5.22E+0	0.00E+0	0.00E+0	0.00E+0	2.64E+0
	ZB55W	1.18E+0	7.57E+0	1.25E+0	7.56E+0	1.19E+0	0.00E+0	2.17E+0	2.83E+0	2.15E+0	2.36E+0	0.00E+0	3.19E+0	1.47E+0	2.85E+0	2.69E+0	4.89E+0	0.00E+0	1.28E+0	6.47E+0	7.02E+0	1.34E+0	0.00E+0	8.65E+0	1.02E+0	7.63E+0	5.56E+0	5.49E+0	0.00E+0	1.34E+0	2.74E+0	1.34E+0	1.35E+0	5.49E+0	0.00E+0	0.00E+0	0.00E+0	2.76E+0
	ZB55WL	1.18E+0	7.59E+0	1.24E+0	7.54E+0	1.14E+0	0.00E+0	2.16E+0	2.82E+0	2.15E+0	2.36E+0	0.00E+0	3.18E+0	1.46E+0	2.79E+0	2.68E+0	4.86E+0	0.00E+0	1.28E+0	6.46E+0	7.01E+0	1.34E+0	0.00E+0	8.78E+0	1.02E+0	7.62E+0	5.55E+0	5.48E+0										

Insulation A5	FP32TW2	2.97E+0	2.09E+0	1.27E+0	8.18E-01	8.52E-01	0.00E+0	1.20E+01	1.18E+0	1.08E+0	7.96E-01	0.00E+0	5.18E-02	9.35E-08	2.61E+0	1.38E-01	8.36E-02	7.98E-02	6.49E-01	5.61E-03	2.42E-01	8.42E+0	0.00E+0	1.27E-08	1.51E-09	1.79E+0	5.53E-05	1.79E+0	0.00E+0	8.42E+0	2.03E-07	1.02E+01	1.79E+0	0.00E+0	0.00E+0	0.00E+0	7.15E-02	
	FP33SN2	3.34E-0	2.73E+0	1.86E+0	1.07E+0	1.09E+0	0.00E+0	1.57E+01	1.54E+0	1.41E-03	1.03E-02	0.00E+0	6.83E-02	1.22E-07	3.39E+0	1.73E-01	1.08E-01	1.01E+01	8.45E-01	7.32E-03	3.18E-01	1.10E+01	0.00E+0	1.86E-08	1.96E-08	2.33E+0	7.21E-05	2.32E+0	0.00E+0	1.10E+01	2.62E-07	1.13E+01	1.33E+01	2.32E+0	0.00E+0	0.00E+0	0.00E+0	9.31E-02
	FP33SW2	3.34E-0	2.73E+0	1.86E+0	1.07E+0	1.09E+0	0.00E+0	1.57E+01	1.54E+0	1.41E-03	1.03E-02	0.00E+0	6.83E-02	1.22E-07	3.39E+0	1.73E-01	1.08E-01	1.01E+01	8.45E-01	7.32E-03	3.18E-01	1.10E+01	0.00E+0	1.86E-08	1.96E-08	2.33E+0	7.21E-05	2.32E+0	0.00E+0	1.10E+01	2.62E-07	1.13E+01	1.33E+01	2.32E+0	0.00E+0	0.00E+0	0.00E+0	9.31E-02
	FP33TN2	3.34E-0	2.73E+0	1.86E+0	1.07E+0	1.09E+0	0.00E+0	1.57E+01	1.54E+0	1.41E-03	1.03E-02	0.00E+0	6.83E-02	1.22E-07	3.39E+0	1.73E-01	1.08E-01	1.01E+01	8.45E-01	7.32E-03	3.18E-01	1.10E+01	0.00E+0	1.86E-08	1.96E-08	2.33E+0	7.21E-05	2.32E+0	0.00E+0	1.10E+01	2.62E-07	1.13E+01	1.33E+01	2.32E+0	0.00E+0	0.00E+0	0.00E+0	9.30E-02
	FP33TW2	3.34E-0	2.73E+0	1.86E+0	1.07E+0	1.09E+0	0.00E+0	1.57E+01	1.54E+0	1.41E-03	1.03E-02	0.00E+0	6.83E-02	1.22E-07	3.39E+0	1.73E-01	1.08E-01	1.01E+01	8.45E-01	7.32E-03	3.18E-01	1.10E+01	0.00E+0	1.86E-08	1.96E-08	2.33E+0	7.21E-05	2.32E+0	0.00E+0	1.10E+01	2.62E-07	1.13E+01	1.33E+01	2.32E+0	0.00E+0	0.00E+0	0.00E+0	9.30E-02
	FP34SN2	4.11E-03	3.37E+0	2.05E+0	1.32E+0	1.34E+0	0.00E+0	1.93E+01	1.90E+0	1.74E+0	1.27E-02	0.00E+0	8.00E-02	1.51E-07	4.17E+0	2.15E-01	1.30E-01	1.23E+01	1.04E+0	9.04E-03	3.89E-01	1.35E+01	0.00E+0	2.04E-08	2.41E-08	2.87E+0	8.89E-05	2.88E+0	0.00E+0	1.39E+01	3.26E-07	1.36E+01	1.63E+01	2.88E+0	0.00E+0	0.00E+0	0.00E+0	1.16E-01
	FP34SW2	4.11E-03	3.37E+0	2.05E+0	1.32E+0	1.34E+0	0.00E+0	1.93E+01	1.90E+0	1.74E+0	1.27E-02	0.00E+0	8.00E-02	1.51E-07	4.17E+0	2.15E-01	1.30E-01	1.23E+01	1.04E+0	9.04E-03	3.89E-01	1.35E+01	0.00E+0	2.04E-08	2.41E-08	2.87E+0	8.89E-05	2.88E+0	0.00E+0	1.39E+01	3.26E-07	1.36E+01	1.63E+01	2.88E+0	0.00E+0	0.00E+0	0.00E+0	1.15E-01
	FP34TN2	4.11E-03	3.36E+0	2.05E+0	1.31E+0	1.34E+0	0.00E+0	1.93E+01	1.89E+0	1.74E+0	1.26E-02	0.00E+0	8.00E-02	1.51E-07	4.17E+0	2.14E-01	1.30E-01	1.23E+01	1.04E+0	9.03E-03	3.89E-01	1.35E+01	0.00E+0	2.04E-08	2.41E-08	2.87E+0	8.89E-05	2.88E+0	0.00E+0	1.39E+01	3.26E-07	1.36E+01	1.63E+01	2.88E+0	0.00E+0	0.00E+0	0.00E+0	1.15E-01
	FP34TW2	4.11E-03	3.36E+0	2.05E+0	1.31E+0	1.34E+0	0.00E+0	1.93E+01	1.89E+0	1.74E+0	1.26E-02	0.00E+0	8.00E-02	1.51E-07	4.17E+0	2.14E-01	1.30E-01	1.23E+01	1.04E+0	9.03E-03	3.89E-01	1.35E+01	0.00E+0	2.04E-08	2.41E-08	2.87E+0	8.89E-05	2.88E+0	0.00E+0	1.39E+01	3.26E-07	1.36E+01	1.63E+01	2.88E+0	0.00E+0	0.00E+0	0.00E+0	1.15E-01
	FP35SN2	4.88E-0	4.00E+0	2.44E+0	1.56E+0	1.58E+0	0.00E+0	2.29E+01	2.25E+0	2.07E-03	1.53E-02	0.00E+0	9.58E-02	1.73E-07	4.95E+0	2.54E-01	1.56E-01	1.44E+01	1.24E+0	1.07E-02	4.63E-01	1.60E+01	0.00E+0	2.42E-08	2.86E-08	3.45E+0	9.85E-05	3.38E+0	0.00E+0	1.60E+01	3.79E-07	1.60E+01	1.94E+01	3.38E+0	0.00E+0	0.00E+0	0.00E+0	1.36E-01
	FP35SW2	4.88E-0	4.00E+0	2.44E+0	1.56E+0	1.58E+0	0.00E+0	2.29E+01	2.25E+0	2.07E-03	1.53E-02	0.00E+0	9.58E-02	1.73E-07	4.95E+0	2.54E-01	1.56E-01	1.44E+01	1.24E+0	1.07E-02	4.63E-01	1.60E+01	0.00E+0	2.42E-08	2.86E-08	3.45E+0	9.85E-05	3.38E+0	0.00E+0	1.60E+01	3.79E-07	1.60E+01	1.94E+01	3.38E+0	0.00E+0	0.00E+0	0.00E+0	1.36E-01
	FP35TN2	4.88E-0	4.00E+0	2.44E+0	1.56E+0	1.58E+0	0.00E+0	2.29E+01	2.25E+0	2.07E-03	1.53E-02	0.00E+0	9.58E-02	1.73E-07	4.95E+0	2.54E-01	1.56E-01	1.44E+01	1.23E+0	1.07E-02	4.62E-01	1.60E+01	0.00E+0	2.42E-08	2.86E-08	3.45E+0	9.85E-05	3.38E+0	0.00E+0	1.60E+01	3.79E-07	1.60E+01	1.94E+01	3.38E+0	0.00E+0	0.00E+0	0.00E+0	1.36E-01
	FP35TW2	4.88E-0	4.00E+0	2.44E+0	1.56E+0	1.58E+0	0.00E+0	2.29E+01	2.25E+0	2.07E-03	1.53E-02	0.00E+0	9.58E-02	1.73E-07	4.95E+0	2.54E-01	1.56E-01	1.44E+01	1.23E+0	1.07E-02	4.62E-01	1.60E+01	0.00E+0	2.42E-08	2.86E-08	3.45E+0	9.85E-05	3.38E+0	0.00E+0	1.60E+01	3.79E-07	1.60E+01	1.94E+01	3.38E+0	0.00E+0	0.00E+0	0.00E+0	1.36E-01
	FP41AT	2.12E-02	1.72E+0	1.04E+0	6.74E-01	7.10E+0	0.00E+0	9.91E+0	9.89E+0	8.91E-04	6.51E-03	0.00E+0	4.31E-02	7.88E-08	2.15E+0	1.13E-01	6.95E-02	6.73E-02	5.38E-01	4.62E-03	1.99E-01	6.94E+0	0.00E+0	1.05E-08	1.24E-08	1.47E+0	4.55E-05	1.48E+0	0.00E+0	6.94E+0	1.69E-07	6.94E+0	8.42E+0	1.48E+0	0.00E+0	0.00E+0	0.00E+0	5.89E-02
	FP41SN2	2.12E-02	1.72E+0	1.04E+0	6.74E-01	7.10E+0	0.00E+0	9.91E+0	9.89E+0	8.91E-04	6.51E-03	0.00E+0	4.31E-02	7.88E-08	2.15E+0	1.13E-01	6.95E-02	6.73E-02	5.38E-01	4.62E-03	1.99E-01	6.94E+0	0.00E+0	1.05E-08	1.24E-08	1.47E+0	4.55E-05	1.48E+0	0.00E+0	6.94E+0	1.69E-07	6.94E+0	8.42E+0	1.48E+0	0.00E+0	0.00E+0	0.00E+0	5.89E-02
	FP41SW2	2.12E-02	1.72E+0	1.04E+0	6.74E-01	7.10E+0	0.00E+0	9.91E+0	9.89E+0	8.91E-04	6.51E-03	0.00E+0	4.31E-02	7.88E-08	2.15E+0	1.13E-01	6.95E-02	6.73E-02	5.38E-01	4.62E-03	1.99E-01	6.94E+0	0.00E+0	1.05E-08	1.24E-08	1.47E+0	4.55E-05	1.48E+0	0.00E+0	6.94E+0	1.69E-07	6.94E+0	8.42E+0	1.48E+0	0.00E+0	0.00E+0	0.00E+0	5.89E-02
	FP41TN2	2.11E-02	1.72E+0	1.04E+0	6.73E-01	7.09E+0	0.00E+0	9.90E+0	9.87E+0	8.89E-04	6.50E-03	0.00E+0	4.30E-02	7.87E-08	2.15E+0	1.13E-01	6.94E-02	6.72E-02	5.35E-01	4.61E-03	1.98E-01	6.93E+0	0.00E+0	1.05E-08	1.24E-08	1.47E+0	4.54E-05	1.48E+0	0.00E+0	6.93E+0	1.69E-07	6.93E+0	8.41E+0	1.48E+0	0.00E+0	0.00E+0	0.00E+0	5.88E-02
	FP41TW2	2.11E-02	1.72E+0	1.04E+0	6.73E-01	7.09E+0	0.00E+0	9.90E+0	9.87E+0	8.89E-04	6.50E-03	0.00E+0	4.30E-02	7.87E-08	2.15E+0	1.13E-01	6.94E-02	6.72E-02	5.35E-01	4.61E-03	1.98E-01	6.93E+0	0.00E+0	1.05E-08	1.24E-08	1.47E+0	4.54E-05	1.48E+0	0.00E+0	6.93E+0	1.69E-07	6.93E+0	8.41E+0	1.48E+0	0.00E+0	0.00E+0	0.00E+0	5.88E-02
	FP42AT	3.04E-0	2.48E+0	1.51E+0	9.70E-01	9.99E+0	0.00E+0	1.42E+01	1.40E+0	1.28E-03	9.34E-03	0.00E+0	6.05E-02	1.11E-07	3.08E+0	1.60E-01	9.82E-02	9.26E-02	7.68E-01	6.65E-03	2.88E-01	9.98E+0	0.00E+0	1.51E-08	1.79E-08	2.12E+0	6.55E-05	2.11E+0	0.00E+0	9.98E+0	2.39E-07	9.98E+0	1.21E+01	2.11E+0	0.00E+0	0.00E+0	0.00E+0	8.46E-02
	FP42SN2	3.04E-0	2.48E+0	1.51E+0	9.70E-01	9.99E+0	0.00E+0	1.42E+01	1.40E+0	1.28E-03	9.34E-03	0.00E+0	6.05E-02	1.11E-07	3.08E+0	1.60E-01	9.82E-02	9.26E-02	7.68E-01	6.65E-03	2.88E-01	9.98E+0	0.00E+0	1.51E-08	1.79E-08	2.12E+0	6.55E-05	2.11E+0	0.00E+0	9.98E+0	2.39E-07	9.98E+0	1.21E+01	2.11E+0	0.00E+0	0.00E+0	0.00E+0	8.46E-02
	FP42SW2	3.04E-0	2.48E+0	1.51E+0	9.70E-01	9.99E+0	0.00E+0	1.42E+01	1.40E+0	1.28E-03	9.34E-03	0.00E+0	6.05E-02	1.11E-07	3.08E+0	1.60E-01	9.82E-02	9.26E-02	7.68E-01	6.65E-03	2.88E-01	9.98E+0	0.00E+0	1.51E-08	1.79E-08	2.12E+0	6.55E-05	2.11E+0	0.00E+0	9.98E+0	2.39E-07	9.98E+0	1.21E+01	2.11E+0	0.00E+0	0.00E+0	0.00E+0	8.46E-02
	FP42TN2	3.03E-0	2.47E+0	1.51E+0	9.69E-01	9.98E+0	0.00E+0	1.42E+01	1.39E+0	1.28E-03	9.33E-03	0.00E+0	6.05E-02	1.11E-07	3.08E+0	1.60E-01	9.81E-02	9.26E-02	7.68E-01	6.65E-03	2.88E-01	9.94E+0	0.00E+0	1.50E-08	1.78E-08	2.11E+0	6.54E-05	2.11E+0	0.00E+0	9.94E+0	2.38E-07	9.94E+0	1.21E+01	2.11E+0	0.00E+0	0.00E+0	0.00E+0	8.45E-02
	FP42TW2	3.03E-0	2.47E+0	1.51E+0	9.69E-01	9.98E+0	0.00E+0	1.42E+01	1.39E+0	1.28E-03	9.33E-03	0.00E+0	6.05E-02	1.11E-07	3.08E+0	1.60E-01	9.81E-02	9.26E-02	7.68E-01	6.65E-03	2.88E-01	9.94E+0	0.00E+0	1.50E-08	1.78E-08	2.11E+0	6.54E-05	2.11E+0	0.00E+0	9.94E+0	2.38E-07	9.94E+0	1.21E+01	2.11E+0	0.00E+0	0.00E+0	0.00E+0	8.45E-02
	FP43SN2	3.96E-0	3.24E+0	1.97E+0	1.27E+0	1.29E+0	0.00E+0	1.86E+01	1.82E+0	1.67E-03	1.23E-02	0.00E+0	7.65E-02	1.45E-07	4.01E+0	2.07E-01	1.27E+01	1.18E+01	1.00E+0	8.69E-03	3.74E-01	1.30E+01	0.00E+0	1.95E-08	2.32E-08	2.76E+0	8.55E-05	2.74E+0	0.00E+0	1.94E+0	3.06E-07	1.93E+01	1.57E+01	2.74E+0	0.00E+0	0.00E+0	0.00E+0	1.16E-01
	FP43SW2	3.96E-0	3.24E+0	1.97E+0	1.27E+0	1.29E+0	0.00E+0	1.86E+01	1.82E+0	1.67E-03	1.23E-02	0.00E+0	7.65E-02	1.45E-07	4.01E+0	2.07E-01	1.27E+01	1.18E+01	1.00E+0	8.69E-03	3.74E-01	1.30E+01	0.00E+0	1.95E-08	2.32E-08	2.76E+0	8.55E-05	2.74E+0	0.00E+0	1.94E+0	3.06E-07	1.93E+01	1.57E+01	2.74E+0	0.00E+0	0.00E+0	0.00E+0	1.16E-01
	FP43TN2	3.95E-0	3.23E+0	1.97E+0	1.26E+0	1.29E+0	0.00E+0	1.86E+01	1.82E+0	1.67E-03	1.22E-02	0.00E+0	7.79E-02	1.45E-07	4.01E+0	2.07E-01	1.27E+01																					

FP73TW2	9.01E-05	4.77E-02	2.45E-02	2.32E-02	7.44E-01	0.00E+00	3.18E-01	2.79E-07	2.37E-05	2.72E-04	0.00E+00	4.88E-03	1.80E-08	1.00E-10	9.78E-03	6.43E-03	1.10E-02	2.30E-02	1.28E-04	5.58E-03	3.04E-01	0.00E+00	4.87E-10	5.99E-10	5.87E-05	1.30E-06	9.71E-02	0.00E+00	3.04E-01	1.49E-08	3.94E-01	4.01E-01	9.71E-02	0.00E+00	0.00E+00	0.00E+00	2.37E-08
FP74SN2	8.87E-03	5.84E-08	3.34E-02	2.14E-02	2.14E-08	0.00E+00	3.14E-01	3.00E-05	2.83E-03	2.03E-02	0.00E+00	1.29E-01	2.48E-07	6.70E-05	3.45E-01	2.12E-01	1.94E-01	1.89E-03	1.47E-02	6.33E-01	2.79E-01	0.00E+00	3.30E-05	3.91E-08	4.68E-02	1.43E-04	4.89E-02	0.00E+00	2.19E-01	5.10E-07	2.19E-01	2.63E-01	4.69E-02	0.00E+00	0.00E+00	0.00E+00	1.86E-01
FP74SW2	6.67E-03	5.84E-08	3.34E-02	2.14E-02	2.14E-08	0.00E+00	3.14E-01	3.00E-05	2.83E-03	2.03E-02	0.00E+00	1.29E-01	2.48E-07	6.70E-05	3.45E-01	2.12E-01	1.94E-01	1.89E-03	1.47E-02	6.33E-01	2.79E-01	0.00E+00	3.30E-05	3.91E-08	4.68E-02	1.43E-04	4.89E-02	0.00E+00	2.19E-01	5.10E-07	2.19E-01	2.63E-01	4.69E-02	0.00E+00	0.00E+00	0.00E+00	1.86E-01
FP74TN2	6.87E-03	5.87E-08	3.34E-02	2.14E-02	2.14E-08	0.00E+00	3.19E-01	3.08E-05	2.83E-03	2.03E-02	0.00E+00	1.29E-01	2.48E-07	6.73E-05	3.45E-01	2.11E-01	1.94E-01	1.89E-03	1.47E-02	6.33E-01	2.79E-01	0.00E+00	3.30E-05	3.91E-08	4.69E-02	1.43E-04	4.89E-02	0.00E+00	2.19E-01	5.10E-07	2.19E-01	2.63E-01	4.69E-02	0.00E+00	0.00E+00	0.00E+00	1.86E-01
FP74TW2	6.67E-03	5.87E-08	3.34E-02	2.14E-02	2.14E-08	0.00E+00	3.19E-01	3.08E-05	2.83E-03	2.03E-02	0.00E+00	1.29E-01	2.48E-07	6.73E-05	3.45E-01	2.11E-01	1.94E-01	1.89E-03	1.47E-02	6.33E-01	2.79E-01	0.00E+00	3.30E-05	3.91E-08	4.69E-02	1.43E-04	4.89E-02	0.00E+00	2.19E-01	5.10E-07	2.19E-01	2.63E-01	4.69E-02	0.00E+00	0.00E+00	0.00E+00	1.86E-01
FP75SN2	8.84E-03	5.70E-08	4.28E-02	2.74E-02	2.74E-08	0.00E+00	4.01E-01	3.95E-05	3.60E-03	2.63E-02	0.00E+00	1.68E-01	3.15E-07	8.84E-05	4.40E-01	2.70E-01	2.48E-01	2.36E-03	1.88E-02	8.11E-01	2.80E-01	0.00E+00	4.23E-05	5.00E-08	5.98E-02	1.80E-04	5.88E-02	0.00E+00	2.80E-01	6.97E-07	2.80E-01	3.38E-01	5.88E-02	0.00E+00	0.00E+00	0.00E+00	2.38E-01
FP75SW2	8.84E-03	5.70E-08	4.28E-02	2.74E-02	2.74E-08	0.00E+00	4.01E-01	3.95E-05	3.60E-03	2.63E-02	0.00E+00	1.68E-01	3.15E-07	8.84E-05	4.40E-01	2.70E-01	2.48E-01	2.36E-03	1.88E-02	8.11E-01	2.80E-01	0.00E+00	4.23E-05	5.00E-08	5.98E-02	1.80E-04	5.88E-02	0.00E+00	2.80E-01	6.97E-07	2.80E-01	3.38E-01	5.88E-02	0.00E+00	0.00E+00	0.00E+00	2.38E-01
FP75TN2	8.83E-03	5.70E-08	4.28E-02	2.74E-02	2.73E-08	0.00E+00	4.01E-01	3.95E-05	3.60E-03	2.63E-02	0.00E+00	1.68E-01	3.15E-07	8.84E-05	4.40E-01	2.70E-01	2.48E-01	2.36E-03	1.88E-02	8.11E-01	2.80E-01	0.00E+00	4.23E-05	5.00E-08	5.98E-02	1.80E-04	5.88E-02	0.00E+00	2.80E-01	6.98E-07	2.80E-01	3.38E-01	5.88E-02	0.00E+00	0.00E+00	0.00E+00	2.38E-01
FP75TW2	8.83E-03	5.70E-08	4.28E-02	2.74E-02	2.73E-08	0.00E+00	4.01E-01	3.95E-05	3.60E-03	2.63E-02	0.00E+00	1.68E-01	3.15E-07	8.84E-05	4.40E-01	2.70E-01	2.48E-01	2.36E-03	1.88E-02	8.11E-01	2.80E-01	0.00E+00	4.23E-05	5.00E-08	5.98E-02	1.80E-04	5.88E-02	0.00E+00	2.80E-01	6.98E-07	2.80E-01	3.38E-01	5.88E-02	0.00E+00	0.00E+00	0.00E+00	2.38E-01
FP81SN2	3.41E-03	2.79E-10	1.70E-02	1.00E+00	1.12E-08	0.00E+00	1.60E-01	1.57E-05	1.44E-03	1.03E-02	0.00E+00	6.77E-02	1.25E-07	3.46E-05	1.79E-01	1.10E-01	1.03E-01	8.64E-01	7.49E-03	3.22E-01	1.12E-01	0.00E+00	1.66E-05	2.00E-08	2.38E-02	7.37E-05	2.37E-02	0.00E+00	1.12E-01	2.67E-07	1.12E-01	1.38E-01	2.37E-02	0.00E+00	0.00E+00	0.00E+00	9.51E-02
FP81SW2	3.41E-03	2.79E-10	1.70E-02	1.00E+00	1.12E-08	0.00E+00	1.60E-01	1.57E-05	1.44E-03	1.03E-02	0.00E+00	6.77E-02	1.25E-07	3.46E-05	1.79E-01	1.10E-01	1.03E-01	8.64E-01	7.49E-03	3.22E-01	1.12E-01	0.00E+00	1.66E-05	2.00E-08	2.38E-02	7.37E-05	2.37E-02	0.00E+00	1.12E-01	2.67E-07	1.12E-01	1.38E-01	2.37E-02	0.00E+00	0.00E+00	0.00E+00	9.51E-02
FP81TN2	3.41E-03	2.79E-10	1.70E-02	1.00E+00	1.12E-08	0.00E+00	1.60E-01	1.57E-05	1.44E-03	1.03E-02	0.00E+00	6.78E-02	1.25E-07	3.46E-05	1.79E-01	1.10E-01	1.03E-01	8.63E-01	7.49E-03	3.22E-01	1.12E-01	0.00E+00	1.66E-05	2.00E-08	2.38E-02	7.37E-05	2.37E-02	0.00E+00	1.12E-01	2.67E-07	1.12E-01	1.38E-01	2.37E-02	0.00E+00	0.00E+00	0.00E+00	9.50E-02
FP81TW2	3.41E-03	2.79E-10	1.70E-02	1.00E+00	1.12E-08	0.00E+00	1.60E-01	1.57E-05	1.44E-03	1.03E-02	0.00E+00	6.78E-02	1.25E-07	3.46E-05	1.79E-01	1.10E-01	1.03E-01	8.63E-01	7.49E-03	3.22E-01	1.12E-01	0.00E+00	1.66E-05	2.00E-08	2.38E-02	7.37E-05	2.37E-02	0.00E+00	1.12E-01	2.67E-07	1.12E-01	1.38E-01	2.37E-02	0.00E+00	0.00E+00	0.00E+00	9.50E-02
FP82SW2	4.93E-02	4.93E-08	2.46E-05	1.98E-02	1.98E-08	0.00E+00	2.31E-01	2.27E-05	2.08E-03	1.53E-02	0.00E+00	9.63E-02	1.81E-07	4.98E-05	2.58E-01	1.57E-01	1.45E-01	1.25E-03	1.08E-02	4.88E-01	1.61E-01	0.00E+00	2.44E-05	2.88E-08	3.43E-02	1.07E-04	3.40E-05	0.00E+00	1.61E-01	3.82E-07	1.61E-01	1.95E-01	3.40E-05	0.00E+00	0.00E+00	0.00E+00	1.37E-01
FP82TN2	4.93E-02	4.93E-08	2.46E-05	1.98E-02	1.98E-08	0.00E+00	2.31E-01	2.27E-05	2.08E-03	1.53E-02	0.00E+00	9.63E-02	1.81E-07	4.98E-05	2.58E-01	1.57E-01	1.45E-01	1.25E-03	1.08E-02	4.88E-01	1.61E-01	0.00E+00	2.44E-05	2.88E-08	3.43E-02	1.07E-04	3.40E-05	0.00E+00	1.61E-01	3.82E-07	1.61E-01	1.95E-01	3.40E-05	0.00E+00	0.00E+00	0.00E+00	1.37E-01
FP82TW2	4.93E-02	4.93E-08	2.46E-05	1.97E-02	1.98E-08	0.00E+00	2.31E-01	2.27E-05	2.08E-03	1.53E-02	0.00E+00	9.63E-02	1.81E-07	4.98E-05	2.58E-01	1.57E-01	1.45E-01	1.24E-03	1.08E-02	4.88E-01	1.61E-01	0.00E+00	2.44E-05	2.88E-08	3.43E-02	1.06E-04	3.40E-05	0.00E+00	1.61E-01	3.82E-07	1.61E-01	1.95E-01	3.40E-05	0.00E+00	0.00E+00	0.00E+00	1.37E-01
FP83SW2	6.43E-02	5.28E-05	3.22E-05	2.90E-02	2.07E-05	0.00E+00	3.02E-01	2.97E-05	2.75E-03	1.98E-02	0.00E+00	1.25E-01	2.37E-07	6.51E-05	3.33E-01	2.04E-01	1.87E-01	1.63E-03	1.42E-02	6.10E-01	2.17E-01	0.00E+00	3.19E-05	3.77E-08	4.46E-02	1.36E-04	4.44E-02	0.00E+00	2.11E-01	4.97E-07	2.11E-01	2.55E-01	4.44E-02	0.00E+00	0.00E+00	0.00E+00	1.79E-01
FP83TN2	6.43E-02	5.28E-05	3.22E-05	2.90E-02	2.08E-08	0.00E+00	3.02E-01	2.97E-05	2.75E-03	1.98E-02	0.00E+00	1.25E-01	2.37E-07	6.51E-05	3.33E-01	2.04E-01	1.87E-01	1.63E-03	1.42E-02	6.10E-01	2.17E-01	0.00E+00	3.19E-05	3.77E-08	4.46E-02	1.36E-04	4.44E-02	0.00E+00	2.11E-01	4.96E-07	2.11E-01	2.55E-01	4.44E-02	0.00E+00	0.00E+00	0.00E+00	1.79E-01
FP83TW2	6.43E-02	5.28E-05	3.22E-05	2.90E-02	2.08E-08	0.00E+00	3.02E-01	2.97E-05	2.75E-03	1.98E-02	0.00E+00	1.25E-01	2.37E-07	6.51E-05	3.33E-01	2.04E-01	1.87E-01	1.63E-03	1.42E-02	6.10E-01	2.17E-01	0.00E+00	3.19E-05	3.77E-08	4.46E-02	1.36E-04	4.44E-02	0.00E+00	2.11E-01	4.96E-07	2.11E-01	2.55E-01	4.44E-02	0.00E+00	0.00E+00	0.00E+00	1.79E-01
FP84SW2	7.94E-03	6.32E-08	3.98E-02	2.58E-02	2.58E-08	0.00E+00	3.52E-01	2.97E-05	2.72E-03	1.98E-02	0.00E+00	1.25E-01	2.37E-07	6.51E-05	3.33E-01	2.04E-01	1.87E-01	1.63E-03	1.42E-02	6.10E-01	2.17E-01	0.00E+00	3.19E-05	3.77E-08	4.46E-02	1.36E-04	4.44E-02	0.00E+00	2.11E-01	4.96E-07	2.11E-01	2.55E-01	4.44E-02	0.00E+00	0.00E+00	0.00E+00	1.79E-01
FP84TN2	7.94E-03	6.32E-08	3.98E-02	2.58E-02	2.54E-08	0.00E+00	3.52E-01	3.07E-05	3.37E-03	2.44E-02	0.00E+00	1.53E-01	2.93E-07	8.84E-05	4.10E-01	2.51E-01	2.29E-01	2.01E-03	1.73E-02	7.54E-01	2.69E-01	0.00E+00	3.93E-05	4.69E-08	5.54E-02	1.72E-04	5.47E-02	0.00E+00	2.60E-01	6.11E-07	2.60E-01	3.10E-01	5.47E-02	0.00E+00	0.00E+00	0.00E+00	2.22E-01
FP84TW2	7.94E-03	6.32E-08	3.98E-02	2.58E-02	2.54E-08	0.00E+00	3.52E-01	3.07E-05	3.37E-03	2.44E-02	0.00E+00	1.53E-01	2.93E-07	8.84E-05	4.10E-01	2.51E-01	2.29E-01	2.01E-03	1.73E-02	7.54E-01	2.69E-01	0.00E+00	3.93E-05	4.69E-08	5.54E-02	1.72E-04	5.47E-02	0.00E+00	2.60E-01	6.11E-07	2.60E-01	3.10E-01	5.47E-02	0.00E+00	0.00E+00	0.00E+00	2.22E-01
FP85SN2	9.40E-03	7.77E-08	4.74E-02	3.03E-02	3.01E-08	0.00E+00	4.44E-01	4.38E-05	4.01E-03	2.91E-02	0.00E+00	1.83E-01	3.49E-07	9.38E-05	4.87E-01	2.98E-01	2.71E-01	2.39E-03	2.09E-02	8.98E-01	3.10E-01	0.00E+00	4.88E-05	5.53E-08	6.60E-02	2.05E-04	6.51E-02	0.00E+00	3.10E-01	7.28E-07	3.10E-01	3.75E-01	6.51E-02	0.00E+00	0.00E+00	0.00E+00	2.84E-01
FP85SW2	9.45E-03	7.77E-08	4.74E-02	3.03E-02	3.01E-08	0.00E+00	4.44E-01	4.38E-05	4.01E-03	2.91E-02	0.00E+00	1.83E-01	3.49E-07	9.38E-05	4.87E-01	2.98E-01	2.71E-01	2.39E-03	2.09E-02	8.98E-01	3.10E-01	0.00E+00	4.88E-05	5.53E-08	6.60E-02	2.05E-04	6.51E-02	0.00E+00	3.10E-01	7.28E-07	3.10E-01	3.75E-01	6.51E-02	0.00E+00	0.00E+00	0.00E+00	2.84E-01
FP85TN2	9.45E-03	7.77E-08	4.74E-02	3.03E-02	3.01E-08	0.00E+00	4.44E-01	4.38E-05	4.01E-03	2.91E-02	0.00E+00	1.83E-01	3.49E-07	9.38E-05	4.88E-01	2.98E-01	2.71E-01	2.39E-03	2.09E-02	8.98E-01	3.10E-01	0.00E+00	4.88E-05	5.53E-08	6.60E-02	2.05E-04	6.51E-02	0.00E+00	3.10E-01	7.28E-07	3.10E-01	3.75E-01	6.51E-02	0.00E+00	0.00E+00	0.00E+00	

ZB32W	4.09E+0	3.39E+0	2.05E+0	1.31E+0	1.29E-0	0.00E+0	1.92E+0	1.90E-0	1.74E+0	1.28E-0	0.00E+0	7.82E-02	1.51E+0	4.13E-0	2.06E-01	1.28E-01	1.16E-01	1.03E+0	0.04E+0	3.89E-01	1.34E+0	0.00E+0	2.02E-08	2.39E-08	2.89E-08	8.89E-05	2.81E+0	0.00E+0	1.34E+0	3.12E-07	1.34E+0	1.62E+01	2.81E+0	0.00E+0	0.00E+0	0.00E+0	1.14E+01
ZB32WL	4.09E+0	3.39E+0	2.05E+0	1.31E+0	1.29E-0	0.00E+0	1.92E+0	1.90E-0	1.74E+0	1.28E-0	0.00E+0	7.82E-02	1.51E+0	4.13E-0	2.06E-01	1.28E-01	1.16E-01	1.03E+0	0.04E+0	3.89E-01	1.34E+0	0.00E+0	2.02E-08	2.39E-08	2.89E-08	8.89E-05	2.81E+0	0.00E+0	1.34E+0	3.12E-07	1.34E+0	1.62E+01	2.81E+0	0.00E+0	0.00E+0	0.00E+0	1.14E+01
ZB33ES	6.17E-05	4.48E-02	2.61E-02	1.85E-02	3.03E-04	0.00E+0	2.86E-01	2.54E-07	2.42E-05	1.89E-04	0.00E+0	1.87E+03	1.92E-08	6.88E-11	4.37E-03	2.79E-03	3.73E+03	1.57E-02	1.29E-04	5.17E+03	2.04E-01	0.00E+0	3.15E+0	3.77E+0	4.21E-05	1.21E-06	5.06E-02	0.00E+0	2.04E-01	6.59E-08	2.94E-01	2.55E-01	5.06E-02	0.00E+0	0.00E+0	0.00E+0	1.89E+03
ZB33SYS013	1.93E-04	1.55E-01	9.34E-02	6.14E-02	7.22E-01	0.00E+0	9.09E-01	8.74E-07	9.10E-05	6.03E-04	0.00E+0	4.40E+03	6.87E-09	2.02E-10	1.12E-02	6.74E+03	7.74E+03	4.95E-02	4.16E-04	1.79E-02	6.42E-01	0.00E+0	9.76E+0	1.18E+09	1.39E-04	4.11E-08	1.42E-01	0.00E+0	6.42E-01	1.07E-08	6.42E-01	7.84E-01	1.42E-01	0.00E+0	0.00E+0	0.00E+0	5.42E+03
ZB33W	6.17E-05	4.48E-02	2.61E-02	1.85E-02	3.03E-04	0.00E+0	2.86E-01	2.54E-07	2.42E-05	1.89E-04	0.00E+0	1.87E+03	1.92E-08	6.88E-11	4.37E-03	2.79E-03	3.73E+03	1.57E-02	1.29E-04	5.17E+03	2.04E-01	0.00E+0	3.15E+0	3.77E+0	4.21E-05	1.21E-06	5.06E-02	0.00E+0	2.04E-01	6.59E-08	2.94E-01	2.55E-01	5.06E-02	0.00E+0	0.00E+0	0.00E+0	1.89E+03
ZB33WL	6.17E-05	4.48E-02	2.61E-02	1.85E-02	3.03E-04	0.00E+0	2.86E-01	2.54E-07	2.42E-05	1.89E-04	0.00E+0	1.87E+03	1.92E-08	6.88E-11	4.37E-03	2.79E-03	3.73E+03	1.57E-02	1.29E-04	5.17E+03	2.04E-01	0.00E+0	3.15E+0	3.77E+0	4.21E-05	1.21E-06	5.06E-02	0.00E+0	2.04E-01	6.59E-08	2.94E-01	2.55E-01	5.06E-02	0.00E+0	0.00E+0	0.00E+0	1.89E+03
ZB34ES	6.84E+03	5.47E+09	3.34E+09	2.13E+09	2.18E+09	0.00E+0	3.12E+01	3.08E+09	2.62E+03	2.04E-02	0.00E+0	1.27E-01	2.46E-07	6.71E+09	3.39E-01	2.08E-01	1.86E-01	1.68E+09	1.47E-02	6.32E-01	2.18E+01	0.00E+0	3.26E+08	3.89E+08	4.64E-02	1.44E-04	4.59E+08	0.00E+0	2.18E+01	5.96E-07	2.18E+01	2.83E+01	4.59E+08	0.00E+0	0.00E+0	0.00E+0	1.85E+01
ZB34W	6.84E+03	5.47E+09	3.34E+09	2.13E+09	2.18E+09	0.00E+0	3.12E+01	3.08E+09	2.62E+03	2.04E-02	0.00E+0	1.27E-01	2.46E-07	6.71E+09	3.39E-01	2.08E-01	1.86E-01	1.68E+09	1.47E-02	6.32E-01	2.18E+01	0.00E+0	3.26E+08	3.89E+08	4.64E-02	1.44E-04	4.59E+08	0.00E+0	2.18E+01	5.96E-07	2.18E+01	2.83E+01	4.59E+08	0.00E+0	0.00E+0	0.00E+0	1.85E+01
ZB34WL	6.84E+03	5.47E+09	3.34E+09	2.13E+09	2.18E+09	0.00E+0	3.12E+01	3.08E+09	2.62E+03	2.04E-02	0.00E+0	1.27E-01	2.46E-07	6.71E+09	3.39E-01	2.08E-01	1.86E-01	1.68E+09	1.47E-02	6.32E-01	2.18E+01	0.00E+0	3.26E+08	3.89E+08	4.64E-02	1.44E-04	4.59E+08	0.00E+0	2.18E+01	5.96E-07	2.18E+01	2.83E+01	4.59E+08	0.00E+0	0.00E+0	0.00E+0	1.85E+01
ZB35W	8.51E+03	7.91E+09	4.26E+09	2.73E+09	2.68E+09	0.00E+0	4.00E+01	3.95E+09	3.61E+03	2.63E-02	0.00E+0	1.62E-01	3.15E-07	8.80E+09	4.39E-01	2.66E-01	2.38E-01	2.15E+09	1.89E-02	8.10E-01	2.79E+01	0.00E+0	4.21E+08	4.98E+08	5.94E-03	1.85E-04	5.83E+08	0.00E+0	2.79E+01	6.48E-07	2.79E+01	3.37E+01	5.83E+08	0.00E+0	0.00E+0	0.00E+0	2.37E+01
ZB35WL	8.51E+03	7.91E+09	4.26E+09	2.73E+09	2.68E+09	0.00E+0	4.00E+01	3.95E+09	3.61E+03	2.63E-02	0.00E+0	1.62E-01	3.15E-07	8.80E+09	4.39E-01	2.66E-01	2.38E-01	2.15E+09	1.89E-02	8.10E-01	2.79E+01	0.00E+0	4.21E+08	4.98E+08	5.94E-03	1.85E-04	5.83E+08	0.00E+0	2.79E+01	6.48E-07	2.79E+01	3.37E+01	5.83E+08	0.00E+0	0.00E+0	0.00E+0	2.37E+01
ZB41S	3.38E+03	2.78E+09	1.70E+09	1.08E+09	1.07E-09	0.00E+0	1.59E+01	1.57E-09	1.43E+03	1.04E-02	0.00E+0	6.48E-02	1.23E-07	3.42E+09	1.73E-01	1.06E-01	9.59E-02	8.55E-01	7.47E+03	3.22E-01	1.11E+01	0.00E+0	1.67E+08	1.98E+08	2.39E-03	1.34E-09	2.32E+08	0.00E+0	1.11E+01	2.39E-07	1.11E+01	1.34E+01	2.32E+08	0.00E+0	0.00E+0	0.00E+0	9.43E+03
ZB42S	4.89E+03	4.03E+09	2.46E+09	1.57E+09	1.55E-09	0.00E+0	2.36E+01	2.27E-05	2.08E+03	1.51E-02	0.00E+0	9.34E-02	1.81E-07	4.94E+09	2.50E-01	1.52E-01	1.38E-01	1.24E+09	1.09E-02	4.66E-01	1.60E+01	0.00E+0	2.42E+08	2.89E+08	3.42E-03	1.86E-04	3.39E+08	0.00E+0	1.60E+01	3.73E-07	1.60E+01	1.94E+01	3.39E+08	0.00E+0	0.00E+0	0.00E+0	1.37E+01
ZB43S	6.49E+03	5.57E+09	3.22E+09	2.06E+09	2.02E-09	0.00E+0	3.01E+01	2.91E-05	2.72E+03	1.97E-02	0.00E+0	1.22E-01	2.37E-07	6.47E+09	3.27E-01	1.93E-01	1.80E-01	1.62E+09	1.42E-02	6.10E-01	2.10E+01	0.00E+0	3.17E+08	3.74E+08	4.47E-03	1.75E-04	4.39E+08	0.00E+0	2.10E+01	4.89E-07	2.10E+01	2.94E+01	4.39E+08	0.00E+0	0.00E+0	0.00E+0	1.79E+01
ZB44S	7.91E+03	6.52E+09	3.89E+09	2.54E+09	2.49E-09	0.00E+0	3.74E+01	3.67E-05	3.36E+03	2.44E-02	0.00E+0	1.56E-01	2.93E-07	7.99E+09	4.04E-01	2.47E-01	2.22E-01	2.00E+09	1.75E-02	7.54E-01	2.59E+01	0.00E+0	3.91E+08	4.63E+08	5.54E-03	1.92E-04	5.42E+08	0.00E+0	2.59E+01	6.03E-07	2.59E+01	3.15E+01	5.42E+08	0.00E+0	0.00E+0	0.00E+0	2.21E+01
ZB45S	9.42E+03	7.79E+09	4.74E+09	3.02E+09	2.97E-09	0.00E+0	4.43E+01	4.37E-05	4.00E+03	2.93E-02	0.00E+0	1.79E-01	3.49E-07	9.52E+09	4.81E-01	2.94E-01	2.64E-01	2.38E+09	2.09E-02	8.98E-01	3.03E+01	0.00E+0	4.86E+08	5.51E+08	6.59E-03	2.05E-04	6.44E+08	0.00E+0	3.09E+01	7.18E-07	3.09E+01	3.73E+01	6.44E+08	0.00E+0	0.00E+0	0.00E+0	2.63E+01
ZB51W	3.75E+03	3.05E+09	1.86E+09	1.19E+09	1.17E-09	0.00E+0	1.74E+01	1.72E-05	1.57E+03	1.14E-02	0.00E+0	7.09E-02	1.37E-07	3.73E+09	1.90E-01	1.16E-01	1.05E-01	9.37E-01	8.19E-03	3.33E-01	1.21E+01	0.00E+0	1.83E+08	2.17E+08	2.59E-03	8.05E-05	2.54E+08	0.00E+0	1.21E+01	2.83E-07	1.21E+01	1.47E+01	2.54E+08	0.00E+0	0.00E+0	0.00E+0	1.03E+01
ZB51WL	3.75E+03	3.05E+09	1.86E+09	1.19E+09	1.17E-09	0.00E+0	1.74E+01	1.72E-05	1.57E+03	1.14E-02	0.00E+0	7.09E-02	1.37E-07	3.73E+09	1.90E-01	1.16E-01	1.05E-01	9.37E-01	8.19E-03	3.33E-01	1.21E+01	0.00E+0	1.83E+08	2.17E+08	2.59E-03	8.05E-05	2.54E+08	0.00E+0	1.21E+01	2.83E-07	1.21E+01	1.47E+01	2.54E+08	0.00E+0	0.00E+0	0.00E+0	1.03E+01
ZB52W	5.54E+03	4.59E+09	2.79E+09	1.79E+09	1.73E-09	0.00E+0	2.61E+01	2.57E-05	2.35E+03	1.71E-02	0.00E+0	1.69E-01	2.03E-07	5.85E+09	2.83E-01	1.73E-01	1.56E-01	1.40E+09	1.23E-02	5.27E-01	1.81E+01	0.00E+0	2.74E+08	3.24E+08	3.97E-03	1.20E-04	3.89E+08	0.00E+0	1.81E+01	4.23E-07	1.81E+01	2.19E+01	3.89E+08	0.00E+0	0.00E+0	0.00E+0	1.55E+01
ZB52WL	5.54E+03	4.59E+09	2.79E+09	1.79E+09	1.73E-09	0.00E+0	2.61E+01	2.57E-05	2.35E+03	1.71E-02	0.00E+0	1.69E-01	2.03E-07	5.85E+09	2.83E-01	1.73E-01	1.56E-01	1.40E+09	1.23E-02	5.27E-01	1.81E+01	0.00E+0	2.74E+08	3.24E+08	3.97E-03	1.20E-04	3.89E+08	0.00E+0	1.81E+01	4.23E-07	1.81E+01	2.19E+01	3.89E+08	0.00E+0	0.00E+0	0.00E+0	1.55E+01
ZB53S	7.91E+03	5.79E+09	3.53E+09	2.22E+09	2.21E-09	0.00E+0	3.30E+01	3.25E-05	2.99E+03	2.19E-02	0.00E+0	1.34E-01	2.39E-07	7.09E+09	3.98E-01	2.19E-01	1.97E-01	1.77E+09	1.59E-02	6.89E-01	2.39E+01	0.00E+0	3.47E+08	4.19E+08	4.90E-03	1.52E-04	4.81E+08	0.00E+0	2.39E+01	5.39E-07	2.39E+01	2.79E+01	4.81E+08	0.00E+0	0.00E+0	0.00E+0	1.95E+01
ZB53W	7.91E+03	5.79E+09	3.53E+09	2.22E+09	2.21E-09	0.00E+0	3.30E+01	3.25E-05	2.99E+03	2.19E-02	0.00E+0	1.34E-01	2.39E-07	7.09E+09	3.98E-01	2.19E-01	1.97E-01	1.78E+09	1.59E-02	6.89E-01	2.39E+01	0.00E+0	3.47E+08	4.19E+08	4.90E-03	1.53E-04	4.81E+08	0.00E+0	2.39E+01	5.39E-07	2.39E+01	2.79E+01	4.81E+08	0.00E+0	0.00E+0	0.00E+0	1.96E+01
ZB53WL	7.91E+03	5.79E+09	3.53E+09	2.22E+09	2.21E-09	0.00E+0	3.30E+01	3.25E-05	2.99E+03	2.19E-02	0.00E+0	1.34E-01	2.39E-07	7.09E+09	3.98E-01	2.19E-01	1.97E-01	1.78E+09	1.59E-02	6.89E-01	2.39E+01	0.00E+0	3.47E+08	4.19E+08	4.90E-03	1.53E-04	4.81E+08	0.00E+0	2.39E+01	5.39E-07	2.39E+01	2.79E+01	4.81E+08	0.00E+0	0.00E+0	0.00E+0	1.96E+01
ZB54S	8.96E+03	7.38E+09	4.51E+09	2.89E+09	2.82E-09	0.00E+0	4.22E+01	4.18E-05	3.81E+03	2.79E-02	0.00E+0	1.71E-01	3.32E-07	9.05E+09	4.58E-01	2.80E-01	2.51E-01	2.27E+09	1.99E-02	8.54E-01	2.94E+01	0.00E+0	4.43E+08	5.24E+08	6.29E-03	1.95E-04	6.14E+08	0.00E+0	2.94E+01	6.83E-07	2.94E+01	3.55E+01	6.14E+08	0.00E+0	0.00E+0	0.00E+0	2.59E+01
ZB54WL	8.96E+03	7.38E+09	4.51E+09	2.89E+09	2.82E-09	0.00E+0	4.22E+01	4.18E-05	3.81E+03	2.79E-02	0.00E+0	1.71E-01	3.32E-07	9.05E+09	4.58E-01	2.80E-01	2.51E-01	2.27E+09	1.99E-02	8.54E-01	2.94E+01	0.00E+0	4.43E+08	5.24E+08	6.29E-03	1.95E-04	6.14E+08	0.00E+0	2.94E+01	6.83E-07	2.94E+01	3.55E+01	6.14E+08	0.00E+0	0.00E+0	0.00E+0	2.59E+01
ZB55S	1.07E-02	8.79E+09	5.37E+09	3.42E+09	3.36E-09	0.00E+0	5.02E+01	4.95E-05	4.53E+03	3.29E-02	0.00E+0	2.03E-01	3.95E-07	1.08E+09	5.43																						

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FP31TW2	2.895+0	7.696+0	1.026+0	6.876+0	5.705+0	0.005+0	7.646+0	1.345+0	6.065+0	6.915+0	0.005+0	4.266+0	8.725+0	1.465+0	5.665+0	1.335+0	9.985+0	9.105+0	4.665+0	5.615+0	9.185+0	0.005+0	6.625+0	3.025+0	1.835+0	2.465+0	9.495+0	0.005+0	9.185+0	2.185+0	9.185+0	1.015+0	9.495+0	0.005+0	0.005+0	0.005+0	1.645+0
FP32SN2	3.915+0	9.955+0	7.105+0	8.845+0	7.075+0	0.005+0	1.025+0	1.955+0	7.965+0	8.935+0	0.005+0	1.915+0	1.395+0	2.115+0	6.995+0	1.955+0	8.835+0	8.845+0	8.835+0	2.975+0	1.335+0	0.005+0	9.715+0	4.225+0	2.445+0	1.385+0	1.225+0	0.005+0	1.335+0	3.125+0	1.335+0	1.425+0	1.225+0	0.005+0	0.005+0	0.005+0	2.355+0
FP32SW2	4.165+0	1.975+0	1.455+0	9.295+0	8.415+0	0.005+0	1.135+0	1.975+0	8.965+0	9.795+0	0.005+0	5.985+0	1.475+0	2.155+0	8.465+0	1.195+0	8.835+0	8.845+0	6.935+0	7.825+0	1.375+0	0.005+0	9.925+0	4.435+0	2.615+0	3.595+0	1.405+0	0.005+0	1.375+0	3.215+0	1.375+0	1.515+0	1.405+0	0.005+0	0.005+0	0.005+0	2.465+0
FP32TN2	4.165+0	1.025+0	8.875+0	9.345+0	7.885+0	0.005+0	1.145+0	2.185+0	8.455+0	9.535+0	0.005+0	2.715+0	1.505+0	2.335+0	7.515+0	2.195+0	9.985+0	9.105+0	7.425+0	3.985+0	1.385+0	0.005+0	1.025+0	4.535+0	2.195+0	1.825+0	1.385+0	0.005+0	1.385+0	3.295+0	1.385+0	1.525+0	1.385+0	0.005+0	0.005+0	0.005+0	2.585+0
FP32TW2	4.545+0	1.145+0	1.845+0	1.025+0	1.915+0	0.005+0	1.255+0	2.185+0	9.365+0	1.075+0	0.005+0	6.715+0	1.585+0	2.365+0	9.265+0	2.145+0	9.985+0	9.105+0	7.575+0	6.865+0	1.475+0	0.005+0	1.065+0	4.785+0	2.945+0	3.295+0	1.545+0	0.005+0	1.475+0	3.455+0	1.475+0	1.625+0	1.545+0	0.005+0	0.005+0	0.005+0	3.645+0
FP33SN2	5.215+0	1.185+0	9.765+0	1.185+0	9.935+0	0.005+0	1.365+0	2.625+0	6.455+0	1.195+0	0.005+0	2.785+0	1.655+0	2.835+0	9.265+0	2.685+0	8.835+0	8.845+0	9.165+0	4.085+0	1.765+0	0.005+0	1.265+0	5.635+0	3.245+0	1.915+0	1.665+0	0.005+0	1.735+0	4.125+0	1.735+0	1.965+0	1.665+0	0.005+0	0.005+0	0.005+0	3.165+0
FP33SW2	5.595+0	1.445+0	2.285+0	1.345+0	1.145+0	0.005+0	1.535+0	2.695+0	1.155+0	1.315+0	0.005+0	8.695+0	1.735+0	2.995+0	1.185+0	2.645+0	8.835+0	8.845+0	9.265+0	1.115+0	1.845+0	0.005+0	1.325+0	5.915+0	3.595+0	4.975+0	1.865+0	0.005+0	1.845+0	4.235+0	1.845+0	2.035+0	1.865+0	0.005+0	0.005+0	0.005+0	3.215+0
FP33TN2	5.525+0	1.295+0	1.275+0	1.175+0	9.845+0	0.005+0	1.435+0	2.695+0	1.065+0	1.295+0	0.005+0	4.325+0	1.695+0	2.875+0	9.705+0	2.565+0	9.985+0	9.105+0	9.125+0	6.005+0	1.735+0	0.005+0	1.275+0	5.625+0	3.245+0	2.745+0	1.735+0	0.005+0	1.735+0	4.075+0	1.735+0	1.965+0	1.735+0	0.005+0	0.005+0	0.005+0	3.175+0
FP33TW2	5.695+0	1.515+0	2.355+0	1.275+0	1.195+0	0.005+0	1.595+0	2.695+0	1.185+0	1.335+0	0.005+0	1.025+0	1.775+0	2.945+0	1.215+0	2.645+0	8.835+0	8.845+0	9.265+0	1.315+0	1.855+0	0.005+0	1.315+0	5.965+0	3.575+0	4.935+0	1.955+0	0.005+0	1.855+0	4.195+0	1.855+0	2.045+0	1.955+0	0.005+0	0.005+0	0.005+0	3.245+0
FP34SN2	6.475+0	1.595+0	2.245+0	1.465+0	1.175+0	0.005+0	1.725+0	3.275+0	1.565+0	1.465+0	0.005+0	3.555+0	2.165+0	3.565+0	1.565+0	1.445+0	8.835+0	8.845+0	9.145+0	5.185+0	1.565+0	0.005+0	1.615+0	6.985+0	4.035+0	2.445+0	1.565+0	0.005+0	1.565+0	2.185+0	2.365+0	2.185+0	1.565+0	0.005+0	0.005+0	0.005+0	3.935+0
FP34SW2	6.935+0	1.835+0	1.245+0	1.465+0	1.445+0	0.005+0	1.935+0	3.335+0	1.435+0	1.645+0	0.005+0	1.125+0	2.295+0	3.035+0	1.465+0	3.265+0	8.835+0	8.845+0	1.115+0	1.435+0	2.295+0	0.005+0	1.945+0	7.345+0	4.335+0	6.445+0	2.375+0	0.005+0	2.295+0	5.215+0	2.295+0	2.535+0	2.375+0	0.005+0	0.005+0	0.005+0	3.995+0
FP34TN2	6.495+0	1.695+0	1.535+0	1.455+0	1.225+0	0.005+0	1.795+0	3.315+0	1.325+0	1.495+0	0.005+0	5.135+0	2.245+0	3.985+0	1.235+0	3.235+0	9.985+0	9.105+0	1.145+0	7.105+0	2.195+0	0.005+0	1.995+0	6.995+0	4.025+0	3.265+0	2.195+0	0.005+0	2.195+0	5.955+0	2.195+0	2.375+0	2.195+0	0.005+0	0.005+0	0.005+0	3.965+0
FP34TW2	7.025+0	1.885+0	1.245+0	1.575+0	1.495+0	0.005+0	1.965+0	3.345+0	1.465+0	1.675+0	0.005+0	1.295+0	2.335+0	3.985+0	1.515+0	3.295+0	9.985+0	9.105+0	1.165+0	1.635+0	2.395+0	0.005+0	1.445+0	7.495+0	4.425+0	7.305+0	2.425+0	0.005+0	2.395+0	5.185+0	2.395+0	2.595+0	2.425+0	0.005+0	0.005+0	0.005+0	4.025+0
FP35SN2	8.935+0	2.085+0	1.395+0	1.825+0	1.585+0	0.005+0	2.525+0	4.435+0	1.735+0	1.945+0	0.005+0	4.395+0	2.535+0	4.895+0	1.535+0	4.345+0	8.835+0	8.845+0	1.535+0	6.375+0	2.895+0	0.005+0	2.135+0	9.295+0	5.295+0	3.035+0	2.815+0	0.005+0	2.895+0	6.795+0	2.895+0	3.135+0	2.815+0	0.005+0	0.005+0	0.005+0	5.325+0
FP35SW2	9.125+0	2.345+0	1.295+0	1.925+0	1.725+0	0.005+0	2.795+0	4.475+0	1.845+0	2.195+0	0.005+0	3.965+0	2.695+0	4.955+0	1.575+0	4.365+0	8.835+0	8.845+0	1.595+0	1.775+0	3.025+0	0.005+0	2.165+0	9.685+0	5.615+0	3.275+0	3.035+0	0.005+0	3.025+0	6.895+0	3.025+0	3.315+0	3.035+0	0.005+0	0.005+0	0.005+0	5.365+0
FP35TN2	8.535+0	2.085+0	1.885+0	1.895+0	1.895+0	0.005+0	2.385+0	4.485+0	1.725+0	1.945+0	0.005+0	5.955+0	2.575+0	4.945+0	1.575+0	4.335+0	9.985+0	9.105+0	1.545+0	6.265+0	2.895+0	0.005+0	2.115+0	9.255+0	5.295+0	3.865+0	2.895+0	0.005+0	2.895+0	6.865+0	2.895+0	3.145+0	2.895+0	0.005+0	0.005+0	0.005+0	5.355+0
FP35TW2	9.295+0	2.395+0	1.625+0	2.025+0	1.925+0	0.005+0	2.625+0	4.515+0	1.895+0	2.165+0	0.005+0	1.545+0	2.695+0	4.995+0	1.955+0	4.395+0	9.985+0	9.105+0	1.595+0	1.965+0	3.025+0	0.005+0	2.165+0	9.795+0	5.725+0	4.835+0	3.215+0	0.005+0	3.025+0	6.815+0	3.025+0	3.335+0	3.215+0	0.005+0	0.005+0	0.005+0	5.425+0
FP41AT	3.245+0	7.995+0	5.115+0	7.395+0	8.715+0	0.005+0	8.725+0	1.795+0	6.975+0	7.365+0	0.005+0	1.155+0	9.545+0	1.925+0	5.485+0	1.945+0	8.835+0	8.845+0	5.935+0	1.935+0	1.995+0	0.005+0	7.965+0	3.595+0	2.095+0	8.975+0	1.935+0	0.005+0	1.065+0	2.545+0	1.065+0	1.175+0	1.935+0	0.005+0	0.005+0	0.005+0	2.035+0
FP41SN2	3.195+0	7.635+0	5.035+0	7.125+0	8.545+0	0.005+0	8.595+0	1.945+0	6.415+0	7.195+0	0.005+0	1.195+0	9.295+0	1.755+0	5.475+0	1.615+0	8.835+0	8.845+0	5.995+0	1.935+0	1.995+0	0.005+0	7.945+0	3.495+0	1.995+0	8.945+0	1.925+0	0.005+0	1.065+0	2.595+0	1.065+0	1.165+0	1.925+0	0.005+0	0.005+0	1.965+0	
FP41SW2	3.525+0	8.895+0	5.965+0	7.195+0	8.195+0	0.005+0	9.165+0	1.665+0	7.225+0	8.195+0	0.005+0	3.535+0	1.065+0	1.895+0	6.875+0	1.665+0	8.835+0	8.845+0	5.985+0	1.995+0	1.995+0	0.005+0	7.845+0	3.795+0	2.295+0	2.185+0	1.545+0	0.005+0	1.195+0	2.795+0	1.195+0	1.275+0	1.545+0	0.005+0	0.005+0	2.045+0	
FP41TN2	3.195+0	7.895+0	6.485+0	7.215+0	8.775+0	0.005+0	8.665+0	1.655+0	6.475+0	7.275+0	0.005+0	1.895+0	8.545+0	1.775+0	5.995+0	1.595+0	9.985+0	9.105+0	5.995+0	2.915+0	1.945+0	0.005+0	7.745+0	3.445+0	1.975+0	1.315+0	1.945+0	0.005+0	1.945+0	2.515+0	1.945+0	1.195+0	1.945+0	0.005+0	0.005+0	1.975+0	
FP41TW2	3.495+0	9.035+0	1.105+0	7.995+0	6.695+0	0.005+0	9.325+0	1.675+0	7.195+0	8.145+0	0.005+0	4.375+0	1.025+0	1.915+0	6.895+0	1.635+0	9.985+0	9.105+0	5.775+0	5.895+0	1.195+0	0.005+0	7.965+0	3.635+0	2.145+0	2.615+0	1.145+0	0.005+0	1.195+0	2.695+0	1.195+0	1.225+0	1.145+0	0.005+0	0.005+0	0.005+0	2.035+0
FP42AT	4.685+0	1.195+0	8.715+0	1.075+0	8.415+0	0.005+0	1.295+0	2.495+0	9.935+0	1.975+0	0.005+0	2.015+0	1.725+0	2.665+0	8.735+0	2.375+0	8.835+0	8.845+0	8.435+0	3.175+0	1.545+0	0.005+0	1.125+0	5.995+0	2.195+0	1.465+0	1.535+0	0.005+0	1.545+0	3.645+0	1.545+0	1.795+0	1.535+0	0.005+0	0.005+0	0.005+0	2.945+0
FP42SN2	4.595+0	1.195+0	8.715+0	1.115+0	8.145+0	0.005+0	1.295+0	2.325+0	9.125+0	1.975+0	0.005+0	2.015+0	1.725+0	2.665+0	8.735+0	2.375+0	8.835+0	8.845+0	8.435+0	3.175+0	1.545+0	0.005+0	1.125+0	5.995+0	2.195+0	1.465+0	1.535+0	0.005+0	1.545+0	3.645+0	1.545+0	1.795+0	1.535+0	0.005+0	0.005+0	0.005+0	2.975+0
FP42SW2	4.945+0	1.295+0	1.955+0	1.115+0	9.795+0	0.005+0	1.325+0	2.335+0	1.025+0	1.165+0	0.005+0	6.155+0	1.755+0	2.965+0	9.785+0	2.365+0	8.835+0	8.845+0	8.255+0	8.195+0	1.625+0	0.005+0	1.165+0	5.295+0	3.195+0	3.655+0	1.645+0	0.005+0	1.625+0	3.895+0	1.625+0	1.795+0	1.645+0	0.005+0	0.005+0	2.865+0	
FP42TN2	4.615+0	1.195+0	9.395+0	1.035+0	8.415+0	0.005+0	1.275+0	2.415+0	9.315+0	1.935+0	0.005+0	2.715+0	1.725+0	2.665+0	8.195+0	2.325+0	9.985+0	9.105+0	8.295+0	4.025+0	1.525+0	0.005+0	1.135+0	4.995+0	2.945+0	1.895+0	1.525+0	0.005+0	1.525+0	3.615+0	1.525+0	1.875+0	1.525+0	0.005+0	0.005+0	2.895+0	
FP42TW2	4.965+0	1.295+0	1.715+0	1.125+0	9.915+0	0.005+0	1.395+0	2.425+0	1.025+0	1.175+0	0.005+0	6.695+0	1.895+0	2.655+0	8.995+0	2.365+0	9.985+0	9.105+0	8.395+0	4.135+0	1.615+0	0.005+0	1.165+0	5.245+0	3.195+0	4.095+0	1.695+0	0.005+0	1.615+0	3.715+0	1.615+0	1.795+0	1.695+0	0.005+0	0.005+0	2.935+0	
FP43SN2	6.065+0	1.475+0																																			

End Of Life C1-C4	FP72SW2	7.34E-02	1.83E+01	1.88E+00	1.83E+01	1.40E+07	0.00E+00	2.06E+02	3.79E-04	1.48E+02	1.68E+01	0.00E+00	6.81E+01	2.69E-08	4.11E+07	1.39E+00	3.66E+01	8.83E-04	8.04E+03	1.31E+02	8.91E+02	2.43E+02	0.00E+00	1.78E-08	7.89E+07	4.53E+02	4.00E+05	2.48E+01	0.00E+00	2.43E+02	5.83E+05	2.43E+02	2.68E+02	2.48E+01	0.00E+00	0.00E+00	0.00E+00	4.56E+03	
	FP72TN2	8.89E-02	1.95E+01	1.05E+00	1.54E+01	1.23E+07	0.00E+00	1.95E+02	3.79E-04	1.38E+02	1.54E+01	0.00E+00	2.31E+01	2.84E-08	4.07E+07	1.18E+00	3.58E+01	9.98E-04	9.10E+03	1.29E+02	3.80E+02	2.29E+02	0.00E+00	1.70E-08	7.51E+07	4.20E+02	1.84E+05	2.30E+01	0.00E+00	2.29E+02	5.41E+05	2.29E+02	2.52E+02	2.30E+01	0.00E+00	0.00E+00	0.00E+00	4.52E+03	
	FP72TW2	7.35E-02	1.84E+01	1.97E+00	1.87E+01	1.40E+07	0.00E+00	2.07E+02	3.79E-04	1.50E+02	1.79E+01	0.00E+00	7.06E+01	2.71E-08	4.12E+07	1.37E+00	3.62E+01	9.98E-04	9.10E+03	1.36E+02	8.91E+02	2.39E+02	0.00E+00	1.74E-08	7.82E+07	4.58E+02	4.34E+05	2.47E+01	0.00E+00	2.39E+02	5.51E+05	2.39E+02	2.83E+02	2.47E+01	0.00E+00	0.00E+00	0.00E+00	4.58E+03	
	FP73SW2	9.05E-02	2.42E+01	2.37E+00	2.15E+01	1.88E+07	0.00E+00	2.74E+02	3.05E-04	1.98E+02	2.21E+01	0.00E+00	9.24E+01	3.84E-08	5.45E+07	1.84E+00	4.82E+01	8.83E-04	8.04E+03	1.72E+02	1.23E+07	3.20E+02	0.00E+00	2.34E-08	1.04E+08	5.95E+02	3.94E+05	3.28E+01	0.00E+00	3.20E+02	7.33E+05	3.20E+02	3.33E+02	3.28E+01	0.00E+00	0.00E+00	0.00E+00	6.11E+03	
	FP73TW2	9.03E-02	2.43E+01	2.73E+00	2.15E+01	1.88E+07	0.00E+00	2.77E+02	3.03E-04	1.98E+02	2.21E+01	0.00E+00	1.01E+00	3.87E+08	5.47E+07	1.84E+00	4.78E+01	8.83E-04	8.04E+03	1.72E+02	1.23E+07	3.18E+02	0.00E+00	2.30E-08	1.03E+08	5.94E+02	4.10E+05	3.30E+01	0.00E+00	3.18E+02	7.23E+05	3.18E+02	3.46E+02	3.30E+01	0.00E+00	0.00E+00	0.00E+00	6.02E+03	
	FP74SN2	1.16E+01	2.78E+01	7.05E+00	2.88E+01	2.08E+07	0.00E+00	3.23E+02	6.22E-04	3.16E+02	1.80E+01	0.00E+00	5.58E+00	7.24E+01	1.46E+08	6.72E-08	1.69E+00	5.88E+01	8.83E-04	8.04E+03	1.42E+02	5.71E+02	3.58E+02	0.00E+00	1.89E-08	1.20E+08	7.09E+02	5.96E+05	2.98E+01	0.00E+00	3.83E+02	8.84E+05	3.83E+02	4.21E+02	3.81E+01	0.00E+00	0.00E+00	0.00E+00	7.44E+03
	FP74SW2	1.30E+01	2.99E+01	3.28E+00	2.88E+01	2.33E+07	0.00E+00	3.42E+02	6.23E-04	2.43E+02	2.74E+01	0.00E+00	1.19E+00	4.86E+08	6.79E+07	2.30E+00	5.98E+01	8.83E-04	8.04E+03	2.14E+02	1.98E+01	3.97E+02	0.00E+00	2.90E-08	1.29E+08	7.38E+02	7.16E+05	4.08E+01	0.00E+00	3.97E+02	9.94E+05	3.97E+02	4.38E+02	4.08E+01	0.00E+00	0.00E+00	0.00E+00	7.47E+03	
	FP74TN2	1.12E+01	2.86E+01	1.88E+00	2.47E+01	2.03E+07	0.00E+00	3.24E+02	6.24E-04	2.23E+02	2.48E+01	0.00E+00	4.35E+01	4.50E+08	6.72E+07	1.96E+00	5.87E+01	9.98E-04	9.10E+03	2.12E+02	6.66E+02	3.78E+02	0.00E+00	2.79E-08	1.23E+08	6.81E+02	3.25E+05	3.80E+01	0.00E+00	3.78E+02	8.79E+05	3.78E+02	4.14E+02	3.80E+01	0.00E+00	0.00E+00	0.00E+00	7.40E+03	
	FP74SW2	1.18E+01	2.97E+01	3.42E+00	2.83E+01	2.31E+07	0.00E+00	3.48E+02	6.23E-04	2.40E+02	2.71E+01	0.00E+00	1.27E+00	4.83E+08	6.81E+07	2.29E+00	5.93E+01	9.98E-04	9.10E+03	2.13E+02	1.87E+01	3.92E+02	0.00E+00	2.84E-08	1.27E+08	7.29E+02	7.84E+05	4.10E+01	0.00E+00	3.92E+02	8.92E+05	3.92E+02	4.33E+02	4.10E+01	0.00E+00	0.00E+00	0.00E+00	7.48E+03	
	FP75SN2	1.37E+01	3.29E+01	3.15E+00	2.98E+01	2.45E+07	0.00E+00	3.68E+02	7.42E-04	2.58E+02	3.47E+01	0.00E+00	4.37E+01	4.15E+08	6.81E+07	2.59E+00	6.17E+01	9.98E-04	9.10E+03	2.58E+02	6.91E+02	4.56E+02	0.00E+00	3.41E-08	1.49E+08	8.36E+02	3.46E+05	4.54E+01	0.00E+00	4.56E+02	1.06E+06	4.56E+02	5.07E+02	4.54E+01	0.00E+00	0.00E+00	0.00E+00	8.87E+03	
	FP75SW2	1.42E+01	3.58E+01	3.95E+00	3.17E+01	2.77E+07	0.00E+00	4.08E+02	7.43E-04	2.89E+02	3.27E+01	0.00E+00	1.45E+00	4.23E+08	8.10E+07	2.75E+00	7.12E+01	8.83E-04	8.04E+03	2.93E+02	1.90E+01	4.73E+02	0.00E+00	3.44E-08	1.53E+08	8.79E+02	8.73E+05	4.89E+01	0.00E+00	4.73E+02	1.07E+06	4.73E+02	5.21E+02	4.89E+01	0.00E+00	0.00E+00	0.00E+00	8.80E+03	
	FP75TN2	1.33E+01	3.14E+01	2.24E+00	2.82E+01	2.40E+07	0.00E+00	3.84E+02	7.44E-04	2.64E+02	2.93E+01	0.00E+00	5.18E+01	4.13E+08	6.01E+07	2.34E+00	6.69E+01	9.98E-04	9.10E+03	2.53E+02	7.85E+02	4.48E+02	0.00E+00	3.32E-08	1.48E+08	8.07E+02	3.85E+05	4.53E+01	0.00E+00	4.48E+02	1.04E+06	4.48E+02	4.89E+02	4.53E+01	0.00E+00	0.00E+00	0.00E+00	8.80E+03	
	FP75TW2	1.41E+01	3.51E+01	4.10E+00	3.19E+01	2.79E+07	0.00E+00	4.16E+02	7.45E-04	2.84E+02	3.21E+01	0.00E+00	1.53E+00	4.24E+08	8.11E+07	2.74E+00	7.02E+01	9.98E-04	9.10E+03	2.54E+02	2.00E+01	4.67E+02	0.00E+00	3.38E-08	1.51E+08	8.63E+02	9.18E+05	4.89E+01	0.00E+00	4.67E+02	1.06E+06	4.67E+02	5.16E+02	4.89E+01	0.00E+00	0.00E+00	0.00E+00	8.80E+03	
	FP81SN2	5.26E-02	1.25E+01	7.67E+01	1.18E+01	1.23E+09	0.00E+00	1.43E+02	2.81E-04	1.68E+02	1.19E+01	0.00E+00	1.10E+01	1.79E+08	3.03E+07	8.89E+01	2.72E+01	8.83E-04	8.04E+03	8.69E+01	2.15E+02	1.79E+02	0.00E+00	1.32E-08	5.74E+07	3.23E+02	1.07E+05	1.72E+01	0.00E+00	1.79E+02	4.19E+05	1.79E+02	1.89E+02	1.72E+01	0.00E+00	0.00E+00	0.00E+00	3.37E+03	
	FP81SW2	5.45E-02	1.33E+01	7.66E+01	1.21E+01	1.02E+09	0.00E+00	1.56E+02	2.80E-04	1.68E+02	1.23E+01	0.00E+00	1.14E+01	1.82E+08	3.03E+07	8.89E+01	2.71E+01	9.98E-04	9.10E+03	8.91E+01	2.15E+02	1.80E+02	0.00E+00	1.34E-08	5.85E+07	3.34E+02	1.06E+05	1.82E+01	0.00E+00	1.80E+02	4.24E+05	1.80E+02	1.98E+02	1.82E+01	0.00E+00	0.00E+00	0.00E+00	3.36E+03	
	FP81TN2	5.19E-02	1.28E+01	7.77E+01	1.18E+01	9.98E+08	0.00E+00	1.45E+02	2.83E-04	1.64E+02	1.17E+01	0.00E+00	1.50E+01	1.79E+08	3.03E+07	8.89E+01	2.87E+01	9.98E-04	9.10E+03	8.91E+01	2.85E+02	1.71E+02	0.00E+00	1.27E-08	5.63E+07	3.19E+02	1.27E+05	1.71E+01	0.00E+00	1.71E+02	4.08E+05	1.71E+02	1.88E+02	1.71E+01	0.00E+00	0.00E+00	0.00E+00	3.37E+03	
	FP81TW2	5.53E-02	1.43E+01	1.35E+00	1.29E+01	1.03E+07	0.00E+00	1.52E+02	2.82E-04	1.14E+02	1.29E+01	0.00E+00	4.63E+01	1.85E+08	3.08E+07	9.89E+01	2.71E+01	9.98E-04	9.10E+03	9.87E+01	6.39E+02	1.77E+02	0.00E+00	1.30E-08	5.89E+07	3.46E+02	2.92E+05	1.82E+01	0.00E+00	1.77E+02	1.13E+05	1.77E+02	1.93E+02	1.82E+01	0.00E+00	0.00E+00	0.00E+00	3.40E+03	
	FP82SW2	7.91E-02	1.99E+01	1.97E+00	1.76E+01	1.59E+07	0.00E+00	2.23E+02	4.14E-04	1.65E+02	1.80E+01	0.00E+00	6.78E+01	2.16E+08	4.46E+07	1.49E+00	3.98E+01	8.83E-04	8.04E+03	1.43E+02	9.15E+02	2.83E+02	0.00E+00	1.93E-08	6.53E+07	4.87E+02	4.22E+05	2.89E+01	0.00E+00	2.83E+02	6.88E+05	2.83E+02	2.90E+02	2.89E+01	0.00E+00	0.00E+00	0.00E+00	4.97E+03	
	FP82TN2	7.49E-02	1.79E+01	1.95E+00	1.67E+01	1.33E+07	0.00E+00	2.12E+02	4.15E-04	1.49E+02	1.67E+01	0.00E+00	2.32E+01	2.12E+08	4.46E+07	1.27E+00	3.91E+01	9.98E-04	9.10E+03	1.41E+02	9.89E+02	2.49E+02	0.00E+00	1.85E-08	6.19E+07	4.57E+02	1.88E+05	2.51E+01	0.00E+00	2.49E+02	5.97E+05	2.49E+02	2.74E+02	2.51E+01	0.00E+00	0.00E+00	0.00E+00	4.89E+03	
	FP82TW2	7.69E-02	2.01E+01	2.05E+00	1.90E+01	1.59E+07	0.00E+00	2.24E+02	4.14E-04	1.60E+02	1.80E+01	0.00E+00	7.24E+01	2.14E+08	4.50E+07	1.47E+00	3.94E+01	9.98E-04	9.10E+03	1.42E+02	9.75E+02	2.59E+02	0.00E+00	1.89E-08	6.47E+07	4.91E+02	4.47E+05	2.88E+01	0.00E+00	2.59E+02	5.99E+05	2.59E+02	2.86E+02	2.88E+01	0.00E+00	0.00E+00	0.00E+00	4.90E+03	
	FP83SW2	1.05E+01	2.83E+01	2.88E+00	2.33E+01	2.05E+07	0.00E+00	2.68E+02	5.49E-04	2.12E+02	2.20E+01	0.00E+00	9.39E+01	3.09E+08	3.97E+07	1.98E+00	5.26E+01	8.83E-04	8.04E+03	1.89E+02	1.25E+01	3.47E+02	0.00E+00	2.54E-08	1.13E+08	8.44E+02	5.79E+05	3.97E+01	0.00E+00	3.47E+02	7.89E+05	3.47E+02	3.83E+02	3.97E+01	0.00E+00	0.00E+00	0.00E+00	6.59E+03	
	FP83TN2	9.87E-02	2.34E+01	1.81E+00	2.18E+01	1.77E+07	0.00E+00	2.84E+02	5.51E-04	1.98E+02	2.19E+01	0.00E+00	5.53E+01	3.04E+08	5.92E+07	1.71E+00	5.17E+01	9.98E-04	9.10E+03	1.87E+02	5.55E+02	3.39E+02	0.00E+00	2.45E-08	1.08E+08	8.09E+02	2.72E+05	3.34E+01	0.00E+00	3.30E+02	7.73E+05	3.30E+02	3.84E+02	3.34E+01	0.00E+00	0.00E+00	0.00E+00	6.58E+03	
	FP83TW2	1.04E+01	2.81E+01	2.84E+00	2.33E+01	2.05E+07	0.00E+00	3.00E+02	5.51E-04	2.11E+02	2.20E+01	0.00E+00	1.03E+00	3.11E+08	3.96E+07	1.97E+00	5.22E+01	9.98E-04	9.10E+03	1.89E+02	1.38E+01	3.43E+02	0.00E+00	2.50E-08	1.12E+08	8.41E+02	6.24E+05	3.98E+01	0.00E+00	3.43E+02	7.83E+05	3.43E+02	3.79E+02	3.98E+01	0.00E+00	0.00E+00	0.00E+00	6.59E+03	
	FP84SW2	1.36E+01	3.32E+01	3.36E+00	2.88E+01	2.50E+07	0.00E+00	3.73E+02	6.83E-04	2.59E+02	2.71E+01	0.00E+00	2.98E+00	3.46E+08	4.77E+07	2.85E+00	6.44E+01	8.83E-04	8.04E+03	2.34E+02	1.98E+01	4.11E+02	0.00E+00	3.10E-08	1.49E+08	7.99E+02	7.35E+05	4.49E+01	0.00E+00	4.11E+02	9.92E+05	4.11E+02	4.56E+02	4.49E+01	0.00E+00	0.00E+00	0.00E+00	8.21E+03	
	FP84TN2	1.23E+01	2.89E+01	1.89E+00	2.46E+01	2.20E+07	0.00E+00	3.53E+02	6.88E-04	2.40E+02	2.27E+01	0.00E+00	4.35E+01	3.40E+08	7.39E+07	2.13E+00	6.44E+01	9																					

	ZB31S	4.96E-02	1.22E+01	6.83E-01	1.14E+01	8.88E-08	0.00E+00	1.28E+02	2.51E-04	1.01E-02	1.14E-01	0.00E+00	1.07E-01	1.80E-08	2.70E-07	8.34E-01	2.51E+01	8.83E-04	8.04E-03	8.78E+01	2.08E-02	1.84E+02	0.00E+00	1.34E-08	5.38E-07	3.09E-02	1.03E-05	1.56E+01	0.00E+00	1.64E+02	3.96E-05	1.84E+02	1.80E-02	1.56E+01	0.00E+00	0.00E+00	0.00E+00	3.00E+03
	ZB31W	4.77E-02	1.19E+01	1.45E+00	1.04E+01	9.93E-08	0.00E+00	1.36E+02	2.48E-04	9.02E-03	1.09E-01	0.00E+00	5.52E-01	1.81E-08	2.87E-07	9.36E-01	2.36E+01	8.83E-04	8.04E-03	8.48E+01	7.34E-02	1.59E+02	0.00E+00	1.19E-08	5.12E-07	2.93E-02	3.31E-05	1.84E+01	0.00E+00	1.59E+02	3.87E-05	1.59E+02	1.73E+02	1.64E+01	0.00E+00	0.00E+00	0.00E+00	2.97E+03
	ZB31WL	5.00E-02	1.23E+01	1.19E+00	1.54E+01	9.93E-08	0.00E+00	1.40E+02	2.61E-04	1.02E-02	1.13E-01	0.00E+00	3.98E-01	1.86E-08	2.83E-07	9.13E-01	2.59E+01	8.83E-04	8.04E-03	8.89E+01	5.54E-02	1.64E+02	0.00E+00	1.20E-08	5.38E-07	3.09E-02	2.53E-05	1.68E+01	0.00E+00	1.64E+02	3.90E-05	1.84E+02	1.80E+02	1.68E+01	0.00E+00	0.00E+00	0.00E+00	3.19E+03
	ZB32ES	6.97E-02	1.69E+01	1.24E+00	1.54E+01	1.27E-07	0.00E+00	2.02E+02	3.88E-04	1.39E-02	1.93E-01	0.00E+00	3.04E-01	2.68E-08	4.19E-07	1.23E+00	3.69E+01	8.83E-04	8.04E-03	1.32E+02	4.83E-02	2.34E+02	0.00E+00	1.74E-08	7.62E-07	4.24E-02	2.22E-05	2.38E+01	0.00E+00	2.34E+02	5.41E-05	2.34E+02	2.98E+02	2.38E+01	0.00E+00	0.00E+00	0.00E+00	4.62E+03
	ZB32W	7.23E-02	1.79E+01	1.24E+00	1.58E+01	1.41E-07	0.00E+00	2.08E+02	3.78E-04	1.45E-02	1.64E-01	0.00E+00	8.11E-01	2.87E-08	4.10E-07	1.41E+00	3.59E+01	8.83E-04	8.04E-03	1.29E+02	1.07E-01	2.38E+02	0.00E+00	1.73E-08	7.74E-07	4.42E-02	4.88E-05	2.49E+01	0.00E+00	2.38E+02	5.47E-05	2.38E+02	2.64E+02	2.49E+01	0.00E+00	0.00E+00	0.00E+00	4.62E+03
	ZB32WL	7.45E-02	1.86E+01	1.89E+00	1.67E+01	1.41E-07	0.00E+00	2.12E+02	3.91E-04	1.51E-02	1.71E-01	0.00E+00	8.56E-01	2.74E-08	4.26E-07	1.37E+00	3.71E+01	8.83E-04	8.04E-03	1.34E+02	8.89E-02	2.49E+02	0.00E+00	1.79E-08	7.97E-07	4.59E-02	4.07E-05	2.59E+01	0.00E+00	2.49E+02	5.68E-05	2.49E+02	2.70E+02	2.59E+01	0.00E+00	0.00E+00	0.00E+00	4.70E+03
	ZB33ES	8.99E-02	2.07E+01	1.33E+00	1.97E+01	1.97E-07	0.00E+00	2.47E+02	4.73E-04	1.72E-02	1.93E-01	0.00E+00	3.83E-01	3.44E-08	5.11E-07	1.32E+00	4.47E+01	8.83E-04	8.04E-03	1.61E+02	9.74E-02	2.87E+02	0.00E+00	2.13E-08	9.36E-07	5.24E-02	2.76E-05	2.91E+01	0.00E+00	2.87E+02	8.62E-05	2.87E+02	3.17E+02	2.91E+01	0.00E+00	0.00E+00	0.00E+00	8.63E+03
	ZB33SYS013	1.48E-01	3.39E+01	1.74E+00	3.18E+01	2.28E-07	0.00E+00	3.32E+02	6.47E-04	3.80E-02	3.14E-01	0.00E+00	3.57E-01	8.62E-08	7.95E-07	2.16E+00	6.71E+01	8.83E-04	8.05E-03	2.27E+02	5.30E-02	4.38E+02	0.00E+00	3.31E-08	1.47E-08	8.63E-02	2.73E-05	4.08E+01	0.00E+00	4.38E+02	1.10E-04	4.38E+02	4.76E+02	4.08E+01	0.00E+00	0.00E+00	0.00E+00	7.50E+03
	ZB33W	9.93E-02	2.28E+01	2.83E+00	2.10E+01	1.88E-07	0.00E+00	2.77E+02	4.99E-04	1.93E-02	2.18E-01	0.00E+00	1.07E+00	3.83E-08	5.44E-07	1.87E+00	4.78E+01	8.83E-04	8.04E-03	1.71E+02	1.42E-01	3.17E+02	0.00E+00	2.29E-08	1.02E-08	5.89E-02	6.39E-05	3.31E+01	0.00E+00	3.17E+02	7.19E-05	3.17E+02	3.50E+02	3.31E+01	0.00E+00	0.00E+00	0.00E+00	5.98E+03
	ZB33WL	9.75E-02	2.44E+01	2.83E+00	2.24E+01	1.87E-07	0.00E+00	2.86E+02	5.13E-04	1.95E-02	2.24E-01	0.00E+00	1.05E+01	3.98E-08	5.95E-07	1.87E+00	4.86E+01	8.83E-04	8.04E-03	1.76E+02	1.22E-01	3.22E+02	0.00E+00	2.35E-08	1.09E-08	6.03E-02	5.81E-05	3.34E+01	0.00E+00	3.22E+02	7.31E-05	3.22E+02	3.55E+02	3.34E+01	0.00E+00	0.00E+00	0.00E+00	6.19E+03
	ZB34ES	1.09E-01	2.63E+01	1.90E+00	2.49E+01	1.99E-07	0.00E+00	3.18E+02	6.05E-04	2.19E-02	2.43E-01	0.00E+00	4.63E-01	4.39E-08	6.54E-07	1.93E+00	5.71E+01	8.83E-04	8.04E-03	2.09E+02	6.93E-02	3.66E+02	0.00E+00	2.72E-08	1.19E-08	6.67E-02	3.37E-05	3.71E+01	0.00E+00	3.66E+02	8.42E-05	3.66E+02	4.03E+02	3.71E+01	0.00E+00	0.00E+00	0.00E+00	7.21E+03
	ZB34W	1.19E-01	2.98E+01	3.51E+00	2.87E+01	2.33E-07	0.00E+00	3.45E+02	6.21E-04	2.49E-02	2.71E-01	0.00E+00	1.32E+00	4.55E-08	6.78E-07	2.32E+00	5.92E+01	8.83E-04	8.04E-03	2.13E+02	1.72E-01	3.93E+02	0.00E+00	2.85E-08	1.27E-08	7.29E-02	7.02E-05	4.11E+01	0.00E+00	3.93E+02	8.88E-05	3.93E+02	4.34E+02	4.11E+01	0.00E+00	0.00E+00	0.00E+00	7.40E+03
	ZB34WL	1.21E-01	3.03E+01	3.26E+00	2.76E+01	2.33E-07	0.00E+00	3.46E+02	6.35E-04	2.49E-02	2.77E-01	0.00E+00	1.17E+00	4.61E-08	6.93E-07	2.30E+00	6.09E+01	8.83E-04	8.04E-03	2.16E+02	1.93E-01	3.96E+02	0.00E+00	2.90E-08	1.29E-08	7.44E-02	7.14E-05	4.14E+01	0.00E+00	3.96E+02	9.00E-05	3.96E+02	4.40E+02	4.14E+01	0.00E+00	0.00E+00	0.00E+00	7.61E+03
	ZB35W	1.47E-01	3.54E+01	4.19E+00	3.12E+01	2.79E-07	0.00E+00	4.10E+02	7.41E-04	2.89E-02	3.23E-01	0.00E+00	1.59E+00	4.21E-08	6.49E-07	2.77E+00	7.06E+01	8.83E-04	8.04E-03	2.54E+02	2.08E-01	4.69E+02	0.00E+00	3.40E-08	1.97E-08	8.69E-02	8.45E-05	4.90E+01	0.00E+00	4.69E+02	1.06E-04	4.69E+02	5.19E+02	4.90E+01	0.00E+00	0.00E+00	0.00E+00	8.87E+03
	ZB35WL	1.45E-01	3.59E+01	3.99E+00	3.26E+01	2.83E-07	0.00E+00	4.14E+02	7.75E-04	2.90E-02	3.26E-01	0.00E+00	1.47E+00	4.27E-08	6.23E-07	2.74E+00	6.98E+01	8.83E-04	8.04E-03	2.59E+02	1.88E-01	4.74E+02	0.00E+00	3.45E-08	1.94E-08	8.84E-02	8.78E-05	4.93E+01	0.00E+00	4.74E+02	1.07E-04	4.74E+02	5.26E+02	4.93E+01	0.00E+00	0.00E+00	0.00E+00	9.04E+03
	ZB41S	5.08E-02	1.19E+01	8.94E-01	1.12E+01	8.89E-08	0.00E+00	1.42E+02	2.89E-04	1.00E-02	1.12E-01	0.00E+00	1.07E-01	1.79E-08	3.06E-07	8.57E-01	2.89E+01	8.83E-04	8.04E-03	9.93E+01	2.09E-02	1.70E+02	0.00E+00	1.27E-08	5.54E-07	3.09E-02	1.94E-05	1.68E+01	0.00E+00	1.70E+02	4.02E-05	1.70E+02	1.88E+02	1.68E+01	0.00E+00	0.00E+00	0.00E+00	3.32E+03
	ZB42S	7.44E-02	1.78E+01	1.87E+00	1.68E+01	1.32E-07	0.00E+00	2.17E+02	4.13E-04	1.48E-02	1.63E-01	0.00E+00	1.86E-01	2.09E-08	4.44E-07	1.27E+00	3.91E+01	8.83E-04	8.04E-03	1.41E+02	3.28E-02	2.49E+02	0.00E+00	1.86E-08	1.97E-07	4.53E-02	1.85E-05	2.49E+01	0.00E+00	2.49E+02	5.85E-05	2.49E+02	2.74E+02	2.49E+01	0.00E+00	0.00E+00	0.00E+00	4.50E+03
	ZB43S	9.88E-02	2.93E+01	1.45E+00	2.21E+01	1.78E-07	0.00E+00	2.80E+02	5.47E-04	1.97E-02	2.26E-01	0.00E+00	2.68E-01	3.01E-08	5.95E-07	1.89E+00	5.18E+01	8.83E-04	8.04E-03	1.87E+02	4.48E-02	3.31E+02	0.00E+00	2.47E-08	1.08E-08	6.03E-02	2.26E-05	3.31E+01	0.00E+00	3.31E+02	7.70E-05	3.31E+02	3.64E+02	3.31E+01	0.00E+00	0.00E+00	0.00E+00	6.53E+03
	ZB44S	1.23E-01	2.93E+01	1.83E+00	2.75E+01	2.19E-07	0.00E+00	3.59E+02	6.83E-04	2.49E-02	2.74E-01	0.00E+00	3.43E-01	3.37E-08	7.36E-07	2.11E+00	6.40E+01	8.83E-04	8.04E-03	2.33E+02	5.87E-02	4.12E+02	0.00E+00	3.07E-08	1.34E-08	7.05E-02	2.87E-05	4.14E+01	0.00E+00	4.12E+02	9.95E-05	4.12E+02	4.55E+02	4.14E+01	0.00E+00	0.00E+00	0.00E+00	8.15E+03
	ZB45S	1.47E-01	3.32E+01	2.26E+00	3.39E+01	2.83E-07	0.00E+00	4.29E+02	8.17E-04	2.84E-02	3.42E-01	0.00E+00	4.01E-01	4.61E-08	8.81E-07	2.34E+00	7.97E+01	8.83E-04	8.04E-03	2.79E+02	6.87E-02	4.90E+02	0.00E+00	3.67E-08	1.61E-08	8.99E-02	4.48E-05	4.99E+01	0.00E+00	4.90E+02	1.14E-04	4.90E+02	5.42E+02	4.99E+01	0.00E+00	0.00E+00	0.00E+00	9.15E+03
	ZB51W	8.89E-02	1.44E+01	1.72E+00	1.27E+01	1.14E-07	0.00E+00	1.70E+02	3.19E-04	1.17E-02	1.32E-01	0.00E+00	6.49E-01	1.85E-08	3.36E-07	1.14E+00	2.93E+01	8.83E-04	8.04E-03	1.06E+02	8.93E-02	1.99E+02	0.00E+00	1.41E-08	6.39E-07	3.97E-02	3.89E-05	2.04E+01	0.00E+00	1.99E+02	4.48E-05	1.99E+02	2.19E+02	2.04E+01	0.00E+00	0.00E+00	0.00E+00	3.72E+03
	ZB51WL	9.94E-02	1.44E+01	1.30E+00	1.37E+01	1.11E-07	0.00E+00	1.72E+02	3.24E-04	1.19E-02	1.34E-01	0.00E+00	4.28E-01	1.79E-08	3.59E-07	1.08E+00	3.04E+01	8.83E-04	8.04E-03	1.11E+02	5.99E-02	1.97E+02	0.00E+00	1.44E-08	6.43E-07	3.63E-02	2.77E-05	2.04E+01	0.00E+00	1.97E+02	4.48E-05	1.97E+02	2.17E+02	2.04E+01	0.00E+00	0.00E+00	0.00E+00	3.98E+03
	ZB52W	8.54E-02	2.11E+01	2.43E+00	1.87E+01	1.87E-07	0.00E+00	2.49E+02	4.98E-04	1.72E-02	1.94E-01	0.00E+00	9.03E-01	2.34E-08	4.95E-07	1.66E+00	4.31E+01	8.83E-04	8.04E-03	1.58E+02	1.19E-01	2.89E+02	0.00E+00	2.10E-08	9.20E-07	5.22E-02	1.45E-05	2.99E+01	0.00E+00	2.89E+02	6.47E-05	2.89E+02	3.14E+02	2.99E+01	0.00E+00	0.00E+00	0.00E+00	5.49E+03
	ZB52WL	8.83E-02	2.12E+01	2.86E+00	1.91E+01	1.87E-07	0.00E+00	2.51E+02	4.71E-04	1.74E-02	1.93E-01	0.00E+00	9.03E-01	2.45E-08	5.09E-07	1.63E+00	4.37E+01	8.83E-04	8.04E-03	1.60E+02	1.24E-01	2.97E+02	0.00E+00	2.10E-08	9.33E-07	5.28E-02	1.45E-05	2.99E+01	0.00E+00	2.89E+02	6.47E-05	2.89E+02	3.17E+02	2.99E+01	0.00E+00	0.00E+00	0.00E+00	5.60E+03
	ZB53S	1.12E-01	2.69E+01	1.84E+00	2.21E+01	2.02E-07	0.00E+00	3.16E+02	6.12E-04	2.25E-02	2.31E-01	0.00E+00	4.18E-01	3.04E-08	6.61E-07	1.95E+00	5.83E+01	8.83E-04	8.04E-03	2.09E+02	6.42E-02	3.74E+02	0.00E+00	2.78E-08	1.22E-08	6.89E-02	3.16E-05	3.79E+01	0.00E+00</									

FP31SW2	-5.98E-02	-1.11E-01	2.33E-01	-1.88E-01	0.00E+00	0.00E+00	-3.28E-01	2.88E-02	-6.88E-03	-1.65E-01	0.00E+00	-4.88E-04	-8.11E-08	-2.88E-07	-3.88E-01	-6.48E-01	0.00E+00	0.00E+00	0.00E+00	-5.92E-01	-3.08E-01	-1.28E-02	0.00E+00	-4.17E-07	-7.88E-07	-4.87E-02	2.48E-04	-1.42E-01	0.00E+00	-1.28E-02	-1.58E-04	-1.28E-02	-1.47E-02	-1.42E-01	0.00E+00	0.00E+00	0.00E+00	2.48E-03
FP31TN2	-5.08E-02	-1.08E-01	-1.88E-01	1.03E-01	0.00E+00	0.00E+00	-3.18E-01	2.90E-02	-6.40E-03	-9.87E-02	0.00E+00	-3.87E-04	-8.05E-08	-2.88E-07	-2.80E-01	-6.17E-01	0.00E+00	0.00E+00	0.00E+00	-6.72E-01	-1.72E-01	-1.11E-02	0.00E+00	-4.18E-07	-7.88E-07	-4.80E-02	1.38E-04	-1.34E-01	0.00E+00	-1.11E-02	-1.57E-04	-1.11E-02	-1.24E-02	-1.34E-01	0.00E+00	0.00E+00	0.00E+00	2.40E-03
FP31TW2	-6.11E-02	-1.08E-01	-1.72E-01	-1.55E-01	0.00E+00	0.00E+00	-3.14E-01	2.88E-02	-6.47E-03	-1.03E-01	0.00E+00	-3.92E-04	-8.18E-08	-2.90E-07	-2.84E-01	-6.00E-01	0.00E+00	0.00E+00	0.00E+00	-6.97E-01	-1.72E-01	-1.12E-02	0.00E+00	-4.18E-07	-7.88E-07	-4.81E-02	1.38E-04	-1.34E-01	0.00E+00	-1.12E-02	-1.58E-04	-1.12E-02	-1.24E-02	-1.41E-01	0.00E+00	0.00E+00	0.00E+00	2.50E-03
FP32SN2	-1.58E-01	-1.34E-01	-1.58E-01	1.58E-01	0.00E+00	0.00E+00	-4.30E-01	4.28E-02	-1.57E-01	0.00E+00	-6.43E-04	-1.18E-08	-4.48E-07	-3.80E-01	-8.00E-01	-6.00E-01	0.00E+00	0.00E+00	0.00E+00	-4.27E-01	-1.72E-01	-1.18E-02	0.00E+00	-4.17E-07	-7.18E-07	-4.84E-02	1.34E-04	-1.82E-01	0.00E+00	-1.88E-02	-3.92E-04	-1.88E-02	-1.28E-02	-1.82E-01	0.00E+00	0.00E+00	0.00E+00	3.57E-03
FP32SW2	-7.71E-02	-1.82E-01	-3.38E-01	-1.58E-01	0.00E+00	0.00E+00	-4.82E-01	4.28E-02	-1.28E-02	-1.52E-01	0.00E+00	-6.48E-04	-1.21E-07	-4.32E-07	-6.48E-01	-8.20E-01	0.00E+00	0.00E+00	0.00E+00	-8.72E-01	-4.28E-01	-1.88E-02	0.00E+00	-4.20E-07	-1.17E-08	-6.95E-02	-3.48E-04	-1.83E-01	0.00E+00	-1.88E-02	-2.92E-04	-1.88E-02	-2.09E-02	-1.83E-01	0.00E+00	0.00E+00	0.00E+00	3.88E-03
FP32TN2	-6.37E-02	-1.72E-01	2.88E-01	1.88E-01	0.00E+00	0.00E+00	-5.11E-01	4.80E-02	-1.38E-02	1.63E-01	0.00E+00	-6.49E-04	-1.33E-07	-4.76E-07	-6.81E-01	-8.10E-01	0.00E+00	0.00E+00	0.00E+00	-8.48E-01	-2.91E-01	-1.88E-02	0.00E+00	-4.84E-07	-1.28E-08	-7.89E-02	2.38E-04	-1.91E-01	0.00E+00	-1.88E-02	2.92E-04	-1.88E-02	2.04E-02	-1.91E-01	0.00E+00	0.00E+00	0.00E+00	3.98E-03
FP32TW2	-6.42E-02	-1.72E-01	2.94E-01	-1.70E-01	0.00E+00	0.00E+00	-5.14E-01	4.76E-02	-1.38E-02	1.65E-01	0.00E+00	-6.55E-04	-1.35E-07	-4.76E-07	-6.89E-01	-8.40E-01	0.00E+00	0.00E+00	0.00E+00	-8.71E-01	-2.91E-01	-1.88E-02	0.00E+00	-4.87E-07	-1.28E-08	-7.82E-02	2.38E-04	-1.91E-01	0.00E+00	-1.88E-02	2.92E-04	-1.88E-02	2.06E-02	-1.91E-01	0.00E+00	0.00E+00	0.00E+00	4.07E-03
FP33SN2	-1.68E-01	2.18E-01	4.42E-01	2.11E-01	0.00E+00	0.00E+00	-6.48E-01	6.75E-02	-1.71E-02	2.03E-01	0.00E+00	-1.25E-03	-1.81E-07	-6.80E-07	-1.18E-01	-8.70E-01	0.00E+00	0.00E+00	0.00E+00	-1.14E-02	-6.52E-01	-4.48E-02	0.00E+00	-8.30E-07	-1.58E-08	-3.34E-03	4.58E-04	-1.81E-01	0.00E+00	2.47E-02	3.14E-03	-2.47E-03	2.71E-02	-1.81E-01	0.00E+00	0.00E+00	0.00E+00	4.81E-03
FP33SW2	-1.04E-01	-2.17E-01	-4.47E-01	-2.10E-01	0.00E+00	0.00E+00	-6.40E-01	6.78E-02	-1.73E-02	2.04E-01	0.00E+00	-1.25E-03	-1.81E-07	-6.80E-07	-1.17E-01	-8.70E-01	0.00E+00	0.00E+00	0.00E+00	-1.14E-02	-6.52E-01	-4.48E-02	0.00E+00	-8.30E-07	-1.57E-08	-3.34E-03	4.58E-04	-1.81E-01	0.00E+00	2.49E-02	3.14E-03	-2.48E-03	2.72E-02	-1.81E-01	0.00E+00	0.00E+00	0.00E+00	4.90E-03
FP33TN2	-1.68E-01	2.15E-01	3.83E-01	2.28E-01	0.00E+00	0.00E+00	-6.36E-01	6.87E-02	-1.71E-02	2.03E-01	0.00E+00	-6.91E-04	-1.83E-07	-6.13E-01	-8.71E-01	0.00E+00	0.00E+00	0.00E+00	-1.16E-02	-4.26E-01	-2.94E-02	0.00E+00	-8.36E-07	-1.57E-08	-3.36E-03	3.44E-04	-2.32E-01	0.00E+00	2.34E-02	3.18E-04	-2.34E-03	2.57E-02	-2.32E-01	0.00E+00	0.00E+00	0.00E+00	4.88E-03	
FP33TW2	-1.04E-01	-2.14E-01	-3.88E-01	-2.05E-01	0.00E+00	0.00E+00	-6.41E-01	6.81E-02	-1.72E-02	2.04E-01	0.00E+00	-6.97E-04	-1.85E-07	-6.82E-07	-6.24E-01	-8.69E-01	0.00E+00	0.00E+00	0.00E+00	-1.16E-02	-4.26E-01	-2.94E-02	0.00E+00	-8.44E-07	-1.58E-08	-3.40E-03	3.44E-04	-2.40E-01	0.00E+00	2.38E-02	3.21E-04	-2.39E-03	2.58E-02	-2.37E-01	0.00E+00	0.00E+00	0.00E+00	4.96E-03
FP34SN2	-1.29E-01	-2.88E-01	-6.48E-01	-2.62E-01	0.00E+00	0.00E+00	-8.01E-01	7.23E-02	-2.14E-02	-3.33E-01	0.00E+00	-1.51E-03	-2.02E-07	-7.25E-07	-6.77E-01	-1.14E-02	0.00E+00	0.00E+00	0.00E+00	-1.43E-02	-8.84E-01	-3.90E-02	0.00E+00	-1.04E-08	-1.95E-08	-1.17E-01	5.88E-04	-2.97E-01	0.00E+00	3.08E-02	-3.92E-04	-3.08E-02	-3.38E-02	-2.76E-01	0.00E+00	0.00E+00	0.00E+00	6.01E-03
FP34SW2	-1.30E-01	-2.88E-01	-6.48E-01	-2.64E-01	0.00E+00	0.00E+00	-8.02E-01	7.23E-02	-2.15E-02	-3.35E-01	0.00E+00	-1.51E-03	-2.02E-07	-7.26E-07	-6.87E-01	-1.17E-02	0.00E+00	0.00E+00	0.00E+00	-1.43E-02	-8.84E-01	-3.90E-02	0.00E+00	-1.04E-08	-1.96E-08	-1.17E-01	5.87E-04	-2.97E-01	0.00E+00	3.08E-02	-3.92E-04	-3.08E-02	-3.38E-02	-2.87E-01	0.00E+00	0.00E+00	0.00E+00	6.14E-03
FP34TN2	-1.29E-01	-2.88E-01	-6.48E-01	-2.81E-01	0.00E+00	0.00E+00	-7.99E-01	7.38E-02	-2.14E-02	-3.24E-01	0.00E+00	-1.51E-03	-2.05E-07	-7.34E-07	-7.78E-01	-1.14E-02	0.00E+00	0.00E+00	0.00E+00	-1.43E-02	-8.84E-01	-3.90E-02	0.00E+00	-1.05E-08	-1.97E-08	-1.17E-01	5.44E-04	-2.80E-01	0.00E+00	2.95E-02	-3.98E-04	-2.95E-02	-3.23E-02	-2.80E-01	0.00E+00	0.00E+00	0.00E+00	6.09E-03
FP34TW2	-1.30E-01	-2.88E-01	-6.49E-01	-2.82E-01	0.00E+00	0.00E+00	-8.00E-01	7.38E-02	-2.15E-02	-3.25E-01	0.00E+00	-1.52E-03	-2.05E-07	-7.37E-07	-7.92E-01	-1.18E-02	0.00E+00	0.00E+00	0.00E+00	-1.44E-02	-8.90E-01	-3.92E-02	0.00E+00	-1.05E-08	-1.98E-08	-1.18E-01	5.44E-04	-2.88E-01	0.00E+00	2.97E-02	-4.01E-04	-2.97E-02	-3.25E-02	-2.88E-01	0.00E+00	0.00E+00	0.00E+00	6.21E-03
FP35SN2	-1.74E-01	-3.98E-01	-6.95E-01	-3.52E-01	0.00E+00	0.00E+00	-8.18E-02	9.91E-03	-2.89E-02	-3.43E-01	0.00E+00	-1.77E-03	-2.75E-07	-8.89E-07	-1.09E-01	-1.37E-02	0.00E+00	0.00E+00	0.00E+00	-1.95E-02	-8.05E-01	-4.48E-02	0.00E+00	-1.47E-08	-2.84E-08	-1.58E-01	6.58E-04	-3.02E-01	0.00E+00	4.08E-02	-6.35E-04	-3.02E-01	-4.41E-02	0.00E+00	0.00E+00	0.00E+00	8.20E-03	
FP35SW2	-1.75E-01	-3.98E-01	-6.95E-01	-3.52E-01	0.00E+00	0.00E+00	-8.19E-02	9.90E-03	-2.89E-02	-3.44E-01	0.00E+00	-1.78E-03	-2.77E-07	-8.92E-07	-1.10E-01	-1.40E-02	0.00E+00	0.00E+00	0.00E+00	-1.96E-02	-8.07E-01	-4.48E-02	0.00E+00	-1.47E-08	-2.85E-08	-1.58E-01	6.57E-04	-3.03E-01	0.00E+00	4.07E-02	-6.35E-04	-3.07E-02	-4.42E-02	0.00E+00	0.00E+00	0.00E+00	8.22E-03	
FP35TN2	-1.74E-01	-3.97E-01	-6.97E-01	-3.50E-01	0.00E+00	0.00E+00	-8.16E-02	9.92E-03	-2.90E-02	-3.44E-01	0.00E+00	-1.78E-03	-2.77E-07	-8.90E-07	-1.09E-01	-1.37E-02	0.00E+00	0.00E+00	0.00E+00	-1.96E-02	-8.07E-01	-4.48E-02	0.00E+00	-1.47E-08	-2.86E-08	-1.57E-01	6.58E-04	-3.03E-01	0.00E+00	4.08E-02	-6.34E-04	-3.06E-02	-4.42E-02	0.00E+00	0.00E+00	0.00E+00	8.20E-03	
FP35TW2	-1.75E-01	-3.98E-01	-6.97E-01	-3.52E-01	0.00E+00	0.00E+00	-8.19E-02	9.91E-03	-2.89E-02	-3.44E-01	0.00E+00	-1.78E-03	-2.77E-07	-8.92E-07	-1.10E-01	-1.40E-02	0.00E+00	0.00E+00	0.00E+00	-1.96E-02	-8.07E-01	-4.48E-02	0.00E+00	-1.47E-08	-2.85E-08	-1.58E-01	6.57E-04	-3.03E-01	0.00E+00	4.07E-02	-6.35E-04	-3.07E-02	-4.42E-02	0.00E+00	0.00E+00	0.00E+00	8.22E-03	
FP41AT	-6.88E-02	-1.34E-01	2.17E-01	-1.32E-01	0.00E+00	0.00E+00	-4.03E-01	4.77E-02	-1.05E-02	1.26E-01	0.00E+00	-4.77E-04	-1.05E-07	-3.77E-07	-3.33E-01	-8.84E-01	0.00E+00	0.00E+00	0.00E+00	-2.47E-01	-2.12E-01	-1.44E-02	0.00E+00	-5.36E-07	-1.91E-08	-5.99E-02	1.88E-04	-1.43E-01	0.00E+00	1.44E-02	-2.68E-04	-1.44E-02	1.58E-02	-1.43E-01	0.00E+00	0.00E+00	0.00E+00	3.13E-03
FP41SN2	-6.88E-02	-1.33E-01	2.24E-01	-1.31E-01	0.00E+00	0.00E+00	-3.97E-01	4.81E-02	-1.05E-02	1.28E-01	0.00E+00	-4.81E-04	-1.05E-07	-3.81E-07	-3.41E-01	-8.83E-01	0.00E+00	0.00E+00	0.00E+00	-2.72E-01	-2.12E-01	-1.48E-02	0.00E+00	-5.17E-07	-1.72E-07	-5.78E-02	2.47E-04	-1.51E-01	0.00E+00	1.49E-02	-1.95E-04	-1.49E-02	1.64E-02	-1.51E-01	0.00E+00	0.00E+00	0.00E+00	2.99E-03
FP41TW2	-6.91E-02	-1.38E-01	2.31E-01	-1.36E-01	0.00E+00	0.00E+00	-4.11E-01	4.88E-02	-1.08E-02	1.28E-01	0.00E+00	-4.87E-04	-1.07E-07	-3.82E-07	-3.47E-01	-8.92E-01	0.00E+00	0.00E+00	0.00E+00	-2.92E-01	-2.12E-01	-1.48E-02	0.00E+00	-5.22E-07	-1.93E-07	-5.89E-02	2.47E-04	-1.70E-01	0.00E+00	1.50E-02	-1.80E-04	-1.70E-01	1.74E-02	-1.70E-01	0.00E+00	0.00E+00	0.00E+00	3.10E-03
FP41TN2	-6.84E-02	-1.30E-01	-1.94E-01	-1.28E-01	0.00E+00	0.00E+00	-3.88E-01	-3.88E-03	-1.05E-03	-1.25E-01	0.00E+00	-3.87E-04	-1.02E-07	-3.89E-07	-3.19E-01	-8.84E-01	0.00E+00	0.00E+00	0.00E+00	-2.72E-01	-1.70E-01	-1.39E-02	0.00E+00	-6.77E-07	-6.77E-02	-1.38E-04	-1.51E-01	0.00E+00	-1.33E-02	-1.98E-04	-1.33E-02	-1.50E-02	-1.51E-01	0.00E+00	0.00E+00	0.00E+00	3.02E-03	
FP41TW2	-6.87E-02	-1.30E-01	-1.98E-01	-1.28E-01	0.00E+00	0.00E+00	-3.88E-01	-3.88E-03	-1.05E-03	-1.25E-01	0.00E+00	-3.92E-04	-1.03E-07	-3.94E-07	-3.18E-01	-8.87E-01	0.00E+00	0.00E+00	0.00E+00	-2.48E-01	-1.72E-01	-1.38E-02	0.00E+00	-5.24E-07	-6.87E-02	-1.37E-04	-1.58E-01	0.00E+00	-1.38E-02	-2.03E-04	-1.38E-02	-1.51E-02	-1.58E-01	0.00E+00	0.00E+00	0.00E+00	3.12E-03	
FP42AT	-6.95E-02	-1.94E-01	-3.32E-01	-1.91E-01	0.00E+00	0.00E+00	-6.83E-01	-6.49E-01	-1.98E-02	1.88E-01	0.00E+00	-7.49E-04	-1.53E-07	-6.46E-07	-6.25E-01	-7.88E-01	0.00E+00	0.00E+00	0.00E+00	-1.08E-02	-3.33E-01</																	

Module D	FP71TN2	-9.94E-02	-1.92E-01	-2.89E-01	-1.89E-01	0.00E+00	0.00E+00	-6.72E-01	-6.57E-03	-1.37E-02	-1.87E-01	0.00E+00	-3.86E-04	-1.58E-07	-6.53E-07	-4.02E-01	-8.99E-01	0.00E+00	0.00E+00	-1.10E-02	-1.70E-01	-1.99E-02	0.00E+00	-7.86E-07	-1.47E-09	-8.69E-02	-1.35E-04	-2.09E-01	0.00E+00	-1.96E-02	-3.01E-04	-1.96E-02	-2.17E-02	-2.09E-01	0.00E+00	0.00E+00	0.00E+00	-4.99E-03
	FP71TW2	-9.93E-02	-1.91E-01	-2.83E-01	-1.88E-01	0.00E+00	0.00E+00	-6.60E-01	-6.49E-03	-1.37E-02	-1.86E-01	0.00E+00	-3.92E-04	-1.54E-07	-6.49E-07	-4.03E-01	-8.91E-01	0.00E+00	0.00E+00	-1.11E-02	-1.72E-01	-1.95E-02	0.00E+00	-7.86E-07	-1.46E-09	-8.62E-02	-1.36E-04	-2.15E-01	0.00E+00	-1.95E-02	-3.01E-04	-1.93E-02	-2.16E-02	-2.15E-01	0.00E+00	0.00E+00	0.00E+00	-4.85E-03
	FP72SW2	-1.48E-01	-3.00E-01	-3.54E-01	-2.99E-01	0.00E+00	0.00E+00	-9.01E-01	-8.44E-03	-2.45E-02	-2.99E-01	0.00E+00	-1.20E-03	-2.36E-07	-8.43E-07	-2.25E-01	-1.10E-02	0.00E+00	0.00E+00	-1.69E-02	-4.43E-01	-3.31E-02	0.00E+00	-1.30E-09	-2.25E-09	-1.34E-01	-4.42E-04	-2.94E-01	0.00E+00	-3.31E-02	-4.80E-04	-3.31E-02	-3.80E-03	-2.94E-01	0.00E+00	0.00E+00	0.00E+00	-7.99E-03
	FP72TN2	-1.48E-01	-3.02E-01	-3.48E-01	-2.98E-01	0.00E+00	0.00E+00	-8.79E-01	-8.54E-03	-2.41E-02	-2.87E-01	0.00E+00	-6.49E-04	-2.37E-07	-8.48E-07	-6.31E-01	-1.10E-02	0.00E+00	0.00E+00	-1.69E-02	-2.91E-01	-3.04E-02	0.00E+00	-1.21E-09	-2.25E-09	-1.33E-01	-4.42E-04	-2.89E-01	0.00E+00	-3.30E-02	-4.82E-04	-3.34E-02	-3.35E-03	-2.89E-01	0.00E+00	0.00E+00	0.00E+00	-7.92E-03
	FP72TW2	-1.48E-01	-3.02E-01	-3.47E-01	-2.97E-01	0.00E+00	0.00E+00	-8.74E-01	-8.47E-03	-2.41E-02	-2.86E-01	0.00E+00	-6.54E-04	-2.37E-07	-8.47E-07	-6.32E-01	-1.14E-02	0.00E+00	0.00E+00	-1.70E-02	-3.03E-01	-3.03E-02	0.00E+00	-1.25E-09	-2.24E-09	-1.33E-01	-4.42E-04	-2.92E-01	0.00E+00	-3.30E-02	-4.82E-04	-3.35E-02	-3.35E-03	-2.92E-01	0.00E+00	0.00E+00	0.00E+00	-7.93E-03
	FP73SW2	-1.96E-01	-3.96E-01	-4.28E-01	-3.88E-01	0.00E+00	0.00E+00	-9.80E-01	-9.25E-03	-3.48E-02	-3.84E-01	0.00E+00	-1.50E-03	-3.16E-07	-1.12E-06	-6.88E-01	-1.36E-02	0.00E+00	0.00E+00	-2.44E-02	-4.43E-01	-3.56E-02	0.00E+00	-1.69E-09	-2.97E-09	-1.79E-01	-6.51E-04	-3.72E-01	0.00E+00	-3.36E-02	-4.10E-04	-3.36E-02	-4.71E-02	-3.72E-01	0.00E+00	0.00E+00	0.00E+00	-6.37E-03
	FP73TN2	-1.96E-01	-3.98E-01	-4.37E-01	-3.82E-01	0.00E+00	0.00E+00	-1.17E-02	-1.13E-02	-3.21E-02	-3.81E-01	0.00E+00	-9.57E-04	-3.16E-07	-1.12E-06	-6.88E-01	-1.38E-02	0.00E+00	0.00E+00	-2.25E-02	-4.26E-01	-4.07E-02	0.00E+00	-1.65E-09	-2.99E-09	-1.77E-01	-6.45E-04	-3.74E-01	0.00E+00	-4.07E-02	-4.14E-04	-4.07E-02	-4.46E-02	-3.74E-01	0.00E+00	0.00E+00	0.00E+00	-6.42E-03
	FP74SN2	-2.44E-01	-4.99E-01	-4.83E-01	-4.81E-01	0.00E+00	0.00E+00	-1.48E-02	-1.40E-02	-4.03E-02	-4.79E-01	0.00E+00	-1.76E-03	-3.91E-07	-1.40E-06	-1.27E-06	-1.57E-02	0.00E+00	0.00E+00	-2.77E-02	-7.98E-01	-3.56E-02	0.00E+00	-1.95E-09	-3.71E-09	-2.22E-01	-6.50E-04	-4.42E-01	0.00E+00	-5.56E-02	-7.80E-04	-5.56E-02	-5.80E-03	-4.42E-01	0.00E+00	0.00E+00	0.00E+00	-1.19E-04
	FP74SW2	-2.44E-01	-4.99E-01	-4.83E-01	-4.81E-01	0.00E+00	0.00E+00	-1.48E-02	-1.40E-02	-4.03E-02	-4.77E-01	0.00E+00	-1.76E-03	-3.91E-07	-1.39E-06	-1.28E-06	-1.58E-02	0.00E+00	0.00E+00	-2.76E-02	-8.00E-01	-3.56E-02	0.00E+00	-1.95E-09	-3.70E-09	-2.21E-01	-6.51E-04	-4.44E-01	0.00E+00	-5.56E-02	-7.81E-04	-5.56E-02	-5.81E-03	-4.44E-01	0.00E+00	0.00E+00	0.00E+00	-1.17E-04
	FP74TN2	-2.43E-01	-4.92E-01	-4.79E-01	-4.79E-01	0.00E+00	0.00E+00	-1.45E-02	-1.41E-02	-4.02E-02	-4.75E-01	0.00E+00	-1.76E-03	-3.93E-07	-1.40E-06	-1.28E-06	-1.58E-02	0.00E+00	0.00E+00	-2.76E-02	-8.48E-01	-3.10E-02	0.00E+00	-1.95E-09	-3.70E-09	-2.21E-01	-6.45E-04	-4.44E-01	0.00E+00	-5.56E-02	-7.80E-04	-5.56E-02	-5.84E-03	-4.44E-01	0.00E+00	0.00E+00	0.00E+00	-1.16E-04
	FP74TW2	-2.42E-01	-4.92E-01	-4.77E-01	-4.79E-01	0.00E+00	0.00E+00	-1.45E-02	-1.41E-02	-3.99E-02	-4.75E-01	0.00E+00	-1.22E-03	-3.93E-07	-1.40E-06	-1.09E-06	-1.61E-02	0.00E+00	0.00E+00	-2.80E-02	-8.50E-01	-3.10E-02	0.00E+00	-1.95E-09	-3.71E-09	-2.20E-01	-6.45E-04	-4.50E-01	0.00E+00	-5.10E-02	-7.85E-04	-5.10E-02	-5.95E-03	-4.50E-01	0.00E+00	0.00E+00	0.00E+00	-1.17E-04
	FP75SN2	-2.91E-01	-6.82E-01	-6.82E-01	-6.72E-01	0.00E+00	0.00E+00	-1.70E-02	-1.68E-02	-4.80E-02	-6.75E-01	0.00E+00	-2.02E-03	-4.66E-07	-1.67E-09	-1.44E-09	-1.80E-02	0.00E+00	0.00E+00	-3.33E-02	-6.16E-01	-6.37E-02	0.00E+00	-2.37E-09	-4.42E-09	-2.64E-01	-7.50E-04	-6.17E-01	0.00E+00	-6.37E-02	-9.85E-04	-6.37E-02	-6.86E-03	-6.17E-01	0.00E+00	0.00E+00	0.00E+00	-1.38E-04
	FP75SW2	-2.91E-01	-6.82E-01	-6.86E-01	-6.72E-01	0.00E+00	0.00E+00	-1.76E-02	-1.67E-02	-4.80E-02	-6.80E-01	0.00E+00	-2.02E-03	-4.67E-07	-1.67E-09	-1.50E-09	-1.82E-02	0.00E+00	0.00E+00	-3.32E-02	-6.21E-01	-6.36E-02	0.00E+00	-2.37E-09	-4.42E-09	-2.64E-01	-7.51E-04	-6.22E-01	0.00E+00	-6.36E-02	-9.86E-04	-6.36E-02	-6.86E-03	-6.22E-01	0.00E+00	0.00E+00	0.00E+00	-1.39E-04
	FP75TN2	-2.89E-01	-6.79E-01	-6.72E-01	-6.66E-01	0.00E+00	0.00E+00	-1.73E-02	-1.68E-02	-4.77E-02	-6.67E-01	0.00E+00	-1.48E-03	-4.66E-07	-1.67E-09	-1.30E-09	-1.81E-02	0.00E+00	0.00E+00	-3.32E-02	-6.69E-01	-6.10E-02	0.00E+00	-2.38E-09	-4.43E-09	-2.64E-01	-6.46E-04	-6.19E-01	0.00E+00	-6.10E-02	-9.12E-04	-6.10E-02	-6.62E-03	-6.19E-01	0.00E+00	0.00E+00	0.00E+00	-1.36E-04
	FP76TW2	-2.86E-01	-6.79E-01	-6.74E-01	-6.67E-01	0.00E+00	0.00E+00	-1.73E-02	-1.68E-02	-4.77E-02	-6.66E-01	0.00E+00	-1.48E-03	-4.67E-07	-1.67E-09	-1.31E-09	-1.84E-02	0.00E+00	0.00E+00	-3.32E-02	-6.71E-01	-6.10E-02	0.00E+00	-2.38E-09	-4.43E-09	-2.64E-01	-6.45E-04	-6.20E-01	0.00E+00	-6.10E-02	-9.12E-04	-6.10E-02	-6.62E-03	-6.20E-01	0.00E+00	0.00E+00	0.00E+00	-1.40E-04
	FP81SN2	-1.10E-01	-2.24E-01	-3.99E-01	-2.20E-01	0.00E+00	0.00E+00	-6.73E-01	-4.30E-03	-1.82E-02	-2.16E-01	0.00E+00	-9.27E-04	-1.73E-07	-4.38E-07	-6.29E-01	-8.76E-01	0.00E+00	0.00E+00	-1.24E-02	-4.19E-01	-2.47E-02	0.00E+00	-9.95E-07	-1.68E-09	-1.05E-01	-3.41E-04	-2.24E-01	0.00E+00	-2.47E-02	-3.41E-04	-2.47E-02	-2.70E-03	-2.24E-01	0.00E+00	0.00E+00	0.00E+00	-5.21E-03
	FP81SW2	-1.09E-01	-2.23E-01	-4.01E-01	-2.19E-01	0.00E+00	0.00E+00	-6.66E-01	-4.21E-03	-1.81E-02	-2.15E-01	0.00E+00	-9.32E-04	-1.74E-07	-4.22E-07	-6.29E-01	-8.80E-01	0.00E+00	0.00E+00	-1.23E-02	-4.21E-01	-2.46E-02	0.00E+00	-9.95E-07	-1.68E-09	-9.90E-01	-3.42E-04	-2.25E-01	0.00E+00	-2.46E-02	-3.42E-04	-2.46E-02	-2.69E-03	-2.25E-01	0.00E+00	0.00E+00	0.00E+00	-5.26E-03
	FP81TN2	-1.09E-01	-2.17E-01	-3.87E-01	-2.14E-01	0.00E+00	0.00E+00	-6.48E-01	-4.35E-03	-1.79E-02	-2.14E-01	0.00E+00	-3.86E-04	-1.77E-07	-4.30E-07	-6.37E-01	-8.97E-01	0.00E+00	0.00E+00	-1.23E-02	-1.70E-01	-2.21E-02	0.00E+00	-9.95E-07	-1.68E-09	-9.90E-01	-3.35E-04	-2.26E-01	0.00E+00	-2.21E-02	-3.44E-04	-2.21E-02	-2.43E-02	-2.26E-01	0.00E+00	0.00E+00	0.00E+00	-5.23E-03
	FP81TW2	-1.09E-01	-2.16E-01	-3.89E-01	-2.13E-01	0.00E+00	0.00E+00	-6.45E-01	-4.37E-03	-1.79E-02	-2.15E-01	0.00E+00	-3.92E-04	-1.76E-07	-4.24E-07	-6.38E-01	-9.02E-01	0.00E+00	0.00E+00	-1.23E-02	-1.72E-01	-2.19E-02	0.00E+00	-9.95E-07	-1.68E-09	-9.91E-01	-3.35E-04	-2.32E-01	0.00E+00	-2.19E-02	-3.43E-04	-2.19E-02	-2.43E-02	-2.32E-01	0.00E+00	0.00E+00	0.00E+00	-5.20E-03
	FP82SW2	-1.85E-01	-3.26E-01	-4.25E-01	-3.00E+00	0.00E+00	0.00E+00	-9.80E-01	-9.25E-03	-2.87E-02	-3.71E-01	0.00E+00	-1.20E-03	-2.96E-07	-1.23E-06	-8.81E-01	-1.88E-02	0.00E+00	0.00E+00	-1.86E-02	-4.43E-01	-3.56E-02	0.00E+00	-1.32E-09	-2.46E-09	-1.47E-01	-6.42E-04	-3.12E-01	0.00E+00	-3.56E-02	-5.94E-04	-3.56E-02	-3.88E-03	-3.12E-01	0.00E+00	0.00E+00	0.00E+00	-7.76E-03
	FP82TN2	-1.85E-01	-3.18E-01	-4.47E-01	-3.14E-01	0.00E+00	0.00E+00	-9.58E-01	-9.38E-03	-2.84E-02	-3.14E-01	0.00E+00	-6.49E-04	-2.91E-07	-9.93E-07	-8.69E-01	-1.14E-02	0.00E+00	0.00E+00	-1.85E-02	-3.91E-01	-3.39E-02	0.00E+00	-1.32E-09	-2.47E-09	-1.46E-01	-6.35E-04	-3.07E-01	0.00E+00	-3.39E-02	-5.98E-04	-3.39E-02	-3.81E-03	-3.07E-01	0.00E+00	0.00E+00	0.00E+00	-7.72E-03
	FP82TW2	-1.85E-01	-3.18E-01	-4.50E-01	-3.12E-01	0.00E+00	0.00E+00	-9.54E-01	-9.29E-03	-2.83E-02	-3.13E-01	0.00E+00	-6.54E-04	-2.90E-07	-9.94E-07	-8.69E-01	-1.17E-02	0.00E+00	0.00E+00	-1.86E-02	-2.93E-01	-3.29E-02	0.00E+00	-1.32E-09	-2.45E-09	-1.46E-01	-6.36E-04	-3.13E-01	0.00E+00	-3.29E-02	-5.98E-04	-3.29E-02	-3.81E-03	-3.13E-01	0.00E+00	0.00E+00	0.00E+00	-7.77E-03
	FP83SN2	-2.14E-01	-4.31E-01	-7.23E-01	-4.23E-01	0.00E+00	0.00E+00	-1.30E-02	-1.23E-03	-3.54E-02	-4.23E-01	0.00E+00	-1.50E-03	-3.43E-07	-1.23E-06	-1.11E-01	-1.41E-02	0.00E+00	0.00E+00	-2.48E-02	-4.78E-01	-4.69E-02	0.00E+00	-1.75E-09	-3.28E-09	-1.19E-01	-6.51E-04	-3.99E-01	0.00E+00	-4.69E-02	-6.71E-04	-4.69E-02	-5.03E-03	-3.99E-01	0.00E+00	0.00E+00	0.00E+00	-1.02E-04
	FP83TW2	-2.14E-01	-4.32E-01	-7.19E-01	-4.17E-01	0.00E+00	0.00E+00	-1.28E-02	-1.23E-03	-3.54E-02	-4.18E-01	0.00E+00	-1.51E-03	-3.47E-07	-1.24E-06	-1.10E-01	-1.40E-02	0.00E+00	0.00E+00	-2.47E-02	-4.78E-01	-4.69E-02	0.00E+00	-1.75E-09	-3.27E-09	-1.19E-01	-6.46E-04	-3.91E-01	0.00E+00	-4.69E-02	-6.72E-04	-4.69E-02	-5.03E-03	-3.91E-01	0.00E+00	0.00E+00	0.00E+00	-1.02E-04
	FP83TN2	-2.13E-01	-4.32E-01	-6.13E-01	-4.17E-01	0.00E+00	0.00E+00	-1.28E-02	-1.24E-03	-3.51E-02	-4.17E-01	0.00E+00	-6.57E-04	-3.46E-07	-1.23E-06	-1.10E-01	-1.43E-02	0.00E+00	0.00E+00																			

PEP ecopassort	ZB25S	-2.53E-01	-5.07E+01	-8.57E-01	-4.99E+01	0.00E+00	0.00E+00	-1.53E+02	-1.48E-02	-1.18E-02	-4.96E-01	0.00E+00	-1.77E-03	-4.06E-07	-1.45E-06	-1.30E+00	-1.80E+02	0.00E+00	0.00E+00	-2.87E+02	-8.04E-01	-5.54E+02	0.00E+00	-3.06E-06	-3.85E-09	-2.30E-01	-8.55E-04	-4.54E+01	0.00E+00	-5.54E+02	-7.90E-04	-5.54E+02	-6.00E+02	-4.54E+01	0.00E+00	0.00E+00	0.00E+00	-1.20E+04
	ZB31ES	-9.20E-02	-1.94E+01	-2.94E-01	-1.87E+01	0.00E+00	0.00E+00	-5.58E+01	-6.32E-03	-1.52E-02	-1.80E-01	0.00E+00	-5.90E-04	-1.48E-07	-5.20E-07	-4.81E-01	-6.07E+01	0.00E+00	0.00E+00	-1.03E+02	-2.84E-01	-1.98E+02	0.00E+00	-7.52E-07	-1.40E-06	-8.37E-02	-2.12E-04	-1.89E+01	0.00E+00	-1.98E+02	-2.88E-04	-1.98E+02	-2.15E+02	-1.89E+01	0.00E+00	0.00E+00	0.00E+00	4.39E+03
	ZB31S	-9.88E-02	-2.97E+01	-4.30E-01	-2.93E+01	0.00E+00	0.00E+00	-6.18E+01	-5.83E-03	-1.64E-02	-1.93E-01	0.00E+00	-1.18E-03	-1.54E-07	-5.95E-07	-4.93E-01	-9.48E+01	0.00E+00	0.00E+00	-1.10E+02	-5.42E-01	-2.98E+02	0.00E+00	-7.96E-07	-1.50E-06	-8.95E-02	-4.41E-04	-2.24E+01	0.00E+00	-2.98E+02	-3.00E-04	-2.98E+02	-2.81E+02	-2.24E+01	0.00E+00	0.00E+00	0.00E+00	4.61E+03
	ZB31W	-9.50E-02	-1.93E+01	-3.23E-01	-1.90E+01	0.00E+00	0.00E+00	-5.81E+01	-6.48E-03	-1.58E-02	-1.87E-01	0.00E+00	-8.88E-04	-1.53E-07	-6.46E-07	-5.09E-01	-7.73E+01	0.00E+00	0.00E+00	-1.10E+02	-3.08E-07	-2.93E+02	0.00E+00	-7.79E-07	-1.48E-06	-8.69E-02	-2.48E-04	-1.98E+01	0.00E+00	-2.09E+02	-2.99E-04	-2.09E+02	-2.26E+02	-1.98E+01	0.00E+00	0.00E+00	0.00E+00	4.63E+03
	ZB31WL	-1.91E-01	-3.02E+01	-1.12E-01	-1.98E+01	0.00E+00	0.00E+00	-6.10E+01	-5.82E-03	-1.67E-02	-1.96E-01	0.00E+00	-5.78E-04	-1.63E-07	-6.81E-07	-4.82E-01	-7.50E+01	0.00E+00	0.00E+00	-1.17E+02	-5.37E-01	-2.14E+02	0.00E+00	-8.28E-07	-1.54E-06	-9.17E-02	-2.66E-04	-2.02E+01	0.00E+00	-2.14E+02	-3.18E-04	-2.14E+02	-2.34E+02	-2.02E+01	0.00E+00	0.00E+00	0.00E+00	4.60E+03
	ZB32ES	-1.51E-01	-3.00E+01	-4.63E-01	-2.93E+01	0.00E+00	0.00E+00	-6.10E+01	-8.80E-03	-2.46E-02	-2.96E-01	0.00E+00	-8.23E-04	-2.45E-07	-6.74E-07	-7.03E-01	-8.63E+01	0.00E+00	0.00E+00	-1.73E+02	-3.71E-01	-3.21E+02	0.00E+00	-1.24E-06	-2.31E-06	-1.38E-01	-5.01E-04	-2.56E+01	0.00E+00	-3.21E+02	-4.78E-04	-3.21E+02	-3.47E+02	-2.56E+01	0.00E+00	0.00E+00	0.00E+00	7.25E+03
	ZB32W	-1.48E-01	-2.94E+01	-4.81E-01	-2.88E+01	0.00E+00	0.00E+00	-8.80E+01	-8.43E-03	-2.42E-02	-2.87E-01	0.00E+00	-9.49E-04	-2.96E-07	-6.46E-07	-7.34E-01	-1.02E+02	0.00E+00	0.00E+00	-1.68E+02	-4.23E-01	-3.17E+02	0.00E+00	-1.20E-06	-2.23E-06	-1.33E-01	-5.46E-04	-2.79E+01	0.00E+00	-3.17E+02	-4.93E-04	-3.17E+02	-3.46E+02	-2.79E+01	0.00E+00	0.00E+00	0.00E+00	7.07E+03
	ZB32WL	-1.52E-01	-3.03E+01	-4.70E-01	-2.88E+01	0.00E+00	0.00E+00	-6.14E+01	-8.78E-03	-2.50E-02	-2.97E-01	0.00E+00	-8.38E-04	-2.46E-07	-6.75E-07	-7.11E-01	-9.86E+01	0.00E+00	0.00E+00	-1.76E+02	-3.78E-01	-3.22E+02	0.00E+00	-1.25E-06	-2.32E-06	-1.38E-01	-5.05E-04	-2.80E+01	0.00E+00	-3.22E+02	-4.79E-04	-3.22E+02	-3.50E+02	-2.80E+01	0.00E+00	0.00E+00	0.00E+00	7.38E+03
	ZB33ES	-1.85E-01	-3.87E+01	-5.79E-01	-3.81E+01	0.00E+00	0.00E+00	-1.12E+02	-1.07E-03	-3.05E-02	-3.82E-01	0.00E+00	-1.09E-03	-2.98E-07	-1.07E-06	-8.82E-01	-1.08E+02	0.00E+00	0.00E+00	-2.11E+02	-4.92E-01	-3.95E+02	0.00E+00	-1.51E-06	-2.82E-06	-1.68E-01	-3.98E-04	-3.16E+01	0.00E+00	-3.95E+02	-5.80E-04	-3.95E+02	-4.27E+02	-3.16E+01	0.00E+00	0.00E+00	0.00E+00	8.82E+03
	ZB33SY5013	-4.04E-01	-3.38E+01	-1.03E+00	-5.38E+01	0.00E+00	0.00E+00	-1.89E+02	-2.98E-02	-7.77E-02	-5.73E-01	0.00E+00	-2.52E-03	-4.05E-07	-3.24E-06	-1.59E+00	-4.71E+02	0.00E+00	0.00E+00	-3.01E+02	-1.15E+00	-6.83E+02	0.00E+00	-2.96E-06	-4.06E-06	-2.46E-01	-8.41E-04	-8.22E+01	0.00E+00	-6.83E+02	-1.20E-03	-5.83E+02	-6.85E+02	-8.22E+01	0.00E+00	0.00E+00	0.00E+00	-1.76E+04
	ZB33W	-1.95E-01	-3.89E+01	-6.34E-01	-3.83E+01	0.00E+00	0.00E+00	-1.18E+02	-1.12E-02	-3.21E-02	-3.81E-01	0.00E+00	-1.25E-03	-3.14E-07	-1.12E-06	-9.78E-01	-1.26E+02	0.00E+00	0.00E+00	-2.24E+02	-8.94E-07	-4.20E+02	0.00E+00	-1.56E-06	-2.97E-06	-1.77E-01	-4.57E-04	-3.57E+01	0.00E+00	-4.20E+02	-6.10E-04	-4.20E+02	-4.58E+02	-3.57E+01	0.00E+00	0.00E+00	0.00E+00	9.37E+03
	ZB33WL	-2.00E-01	-3.98E+01	-6.22E-01	-3.91E+01	0.00E+00	0.00E+00	-1.20E+02	-1.18E-02	-3.26E-02	-3.91E-01	0.00E+00	-1.14E-03	-3.23E-07	-1.15E-06	-9.48E-01	-1.24E+02	0.00E+00	0.00E+00	-2.33E+02	-6.13E-01	-4.26E+02	0.00E+00	-1.64E-06	-3.03E-06	-1.82E-01	-4.15E-04	-3.68E+01	0.00E+00	-4.26E+02	-4.23E-04	-4.26E+02	-4.61E+02	-3.68E+01	0.00E+00	0.00E+00	0.00E+00	9.00E+03
	ZB34ES	-2.36E-01	-4.88E+01	-7.33E-01	-4.81E+01	0.00E+00	0.00E+00	-1.42E+02	-1.37E-02	-3.96E-02	-4.83E-01	0.00E+00	-1.33E-03	-3.82E-07	-1.36E-06	-1.10E+00	-1.50E+02	0.00E+00	0.00E+00	-2.70E+02	-5.99E-01	-5.03E+02	0.00E+00	-1.94E-06	-3.80E-06	-2.19E-01	-4.88E-04	-3.95E+01	0.00E+00	-5.03E+02	-7.44E-04	-5.03E+02	-5.43E+02	-3.95E+01	0.00E+00	0.00E+00	0.00E+00	-1.13E+04
	ZB34W	-2.42E-01	-4.93E+01	-7.88E-01	-4.76E+01	0.00E+00	0.00E+00	-1.46E+02	-1.40E-02	-4.00E-02	-4.74E-01	0.00E+00	-1.51E-03	-3.91E-07	-1.39E-06	-1.19E+00	-1.58E+02	0.00E+00	0.00E+00	-2.78E+02	-6.88E-01	-5.22E+02	0.00E+00	-1.98E-06	-3.89E-06	-2.25E-01	-5.37E-04	-4.33E+01	0.00E+00	-5.22E+02	-7.81E-04	-5.22E+02	-5.68E+02	-4.33E+01	0.00E+00	0.00E+00	0.00E+00	-1.17E+04
	ZB34WL	-2.48E-01	-4.92E+01	-7.73E-01	-4.84E+01	0.00E+00	0.00E+00	-1.49E+02	-1.43E-02	-4.08E-02	-4.85E-01	0.00E+00	-1.40E-03	-4.06E-07	-1.43E-06	-1.17E+00	-1.48E+02	0.00E+00	0.00E+00	-2.85E+02	-6.35E-01	-5.28E+02	0.00E+00	-2.03E-06	-3.78E-06	-2.25E-01	-5.15E-04	-4.35E+01	0.00E+00	-5.28E+02	-7.80E-04	-5.28E+02	-5.71E+02	-4.35E+01	0.00E+00	0.00E+00	0.00E+00	-1.19E+04
	ZB35W	-2.88E-01	-5.77E+01	-9.38E-01	-5.67E+01	0.00E+00	0.00E+00	-1.74E+02	-1.87E-02	-4.77E-02	-5.88E-01	0.00E+00	-1.78E-03	-4.88E-07	-1.88E-06	-1.41E+00	-1.73E+02	0.00E+00	0.00E+00	-3.32E+02	-8.07E-01	-6.23E+02	0.00E+00	-2.36E-06	-4.41E-06	-2.63E-01	-6.57E-04	-5.08E+01	0.00E+00	-6.23E+02	-8.09E-04	-6.23E+02	-6.74E+02	-5.08E+01	0.00E+00	0.00E+00	0.00E+00	-1.38E+04
	ZB35WL	-2.93E-01	-5.85E+01	-9.24E-01	-5.78E+01	0.00E+00	0.00E+00	-1.77E+02	-1.71E-02	-4.80E-02	-5.78E-01	0.00E+00	-1.87E-03	-4.76E-07	-1.70E-06	-1.38E+00	-1.71E+02	0.00E+00	0.00E+00	-3.39E+02	-7.96E-01	-6.28E+02	0.00E+00	-2.41E-06	-4.49E-06	-2.68E-01	-6.15E-04	-5.10E+01	0.00E+00	-6.28E+02	-8.27E-04	-6.28E+02	-6.79E+02	-5.10E+01	0.00E+00	0.00E+00	0.00E+00	-1.62E+04
	ZB41S	-1.08E-01	-2.18E+01	-3.47E-01	-2.15E+01	0.00E+00	0.00E+00	-6.58E+01	-4.30E-03	-1.80E-02	-2.13E-01	0.00E+00	-6.81E-04	-1.75E-07	-4.26E-07	-5.39E-01	-7.81E+01	0.00E+00	0.00E+00	-1.24E+02	-3.08E-01	-2.34E+02	0.00E+00	-8.91E-07	-1.68E-06	-9.90E-02	-2.47E-04	-2.03E+01	0.00E+00	-2.34E+02	-3.41E-04	-2.34E+02	-2.55E+02	-2.03E+01	0.00E+00	0.00E+00	0.00E+00	-6.19E+03
	ZB42S	-1.81E-01	-3.21E+01	-5.07E-01	-3.18E+01	0.00E+00	0.00E+00	-8.68E+01	-8.34E-03	-2.65E-02	-3.15E-01	0.00E+00	-9.43E-04	-2.59E-07	-6.27E-07	-7.71E-01	-1.03E+02	0.00E+00	0.00E+00	-1.94E+02	-4.27E-01	-3.44E+02	0.00E+00	-1.32E-06	-2.46E-06	-1.48E-01	-5.47E-04	-2.91E+01	0.00E+00	-3.44E+02	-5.65E-04	-3.44E+02	-3.75E+02	-2.91E+01	0.00E+00	0.00E+00	0.00E+00	7.60E+03
	ZB43S	-2.14E-01	-4.29E+01	-6.78E-01	-4.18E+01	0.00E+00	0.00E+00	-1.29E+02	-1.24E-02	-3.52E-02	-4.18E-01	0.00E+00	-1.26E-03	-3.45E-07	-1.23E-06	-1.01E+00	-1.28E+02	0.00E+00	0.00E+00	-2.44E+02	-6.62E-01	-4.97E+02	0.00E+00	-1.75E-06	-3.28E-06	-1.95E-01	-4.96E-04	-3.78E+01	0.00E+00	-4.97E+02	-6.71E-04	-4.97E+02	-5.94E+02	-3.78E+01	0.00E+00	0.00E+00	0.00E+00	-1.02E+04
	ZB44S	-2.67E-01	-5.39E+01	-8.33E-01	-5.22E+01	0.00E+00	0.00E+00	-1.61E+02	-1.55E-02	-4.40E-02	-6.23E-01	0.00E+00	-1.57E-03	-4.21E-07	-1.54E-06	-1.25E+00	-1.54E+02	0.00E+00	0.00E+00	-3.03E+02	-8.84E-01	-5.69E+02	0.00E+00	-2.19E-06	-4.07E-06	-2.43E-01	-5.93E-04	-4.98E+01	0.00E+00	-5.69E+02	-8.62E-04	-5.69E+02	-6.15E+02	-4.98E+01	0.00E+00	0.00E+00	0.00E+00	-1.28E+04
	ZB45S	-3.19E-01	-6.33E+01	-9.94E-01	-6.23E+01	0.00E+00	0.00E+00	-1.92E+02	-1.86E-02	-4.26E-02	-6.23E-01	0.00E+00	-1.77E-03	-5.16E-07	-1.84E-06	-1.48E+00	-1.79E+02	0.00E+00	0.00E+00	-3.65E+02	-8.05E-01	-6.80E+02	0.00E+00	-2.62E-06	-4.97E-06	-2.91E-01	-6.56E-04	-6.41E+01	0.00E+00	-6.80E+02	-1.00E-03	-6.80E+02	-7.34E+02	-6.41E+01	0.00E+00	0.00E+00	0.00E+00	-1.58E+04
	ZB51W	-1.20E-01	-2.49E+01	-3.74E-01	-2.36E+01	0.00E+00	0.00E+00	-7.29E+01	-4.93E-03	-1.98E-02	-2.33E-01	0.00E+00	-8.88E-04	-1.94E-07	-4.91E-07	-5.72E-01	-8.43E+01	0.00E+00	0.00E+00	-1.38E+02	-3.08E-01	-2.55E+02	0.00E+00	-8.94E-07	-1.84E-06	-1.09E-01	-2.48E-04	-2.30E+01	0.00E+00	-2.55E+02	-3.78E-04	-2.55E+02	-2.78E+02	-2.30E+01	0.00E+00	0.00E+00	0.00E+00	-6.82E+03
	ZB51WL	-1.25E-01	-2.48E+01	-3.52E-01	-2.44E+01	0.00E+00	0.00E+00	-7.50E+01	-7.29E-03	-2.06E-02	-2.43E-01	0.00E+00	-5.26E-04	-2.04E-07	-7.25E-07	-5.38E-01	-7.89E+01	0.00E+00	0.00E+00	-1.48E+02	-3.24E-01	-2.58E+02	0.00E+00	-1.03E-06	-1.92E-06	-1.14E-01	-1.87E-04	-2.28E+01	0.00E+00	-2.58E+02	-3.98E-04	-2.58E+02	-2.81E+02	-2.28E+01	0.00E+00	0.00E+00	0.00E+00	-6.11E+03
	ZB52W	-1.77E-01	-3.52E+01	-5.44E-01	-3.48E+01	0.00E+00	0.00E+00	-1.06E+02	-1.03E-02	-2.92E-02	-3.47E-01	0.00E+00	-8.49E-04	-2.87E-07	-1.02E-06	-8.17E-01	-1.11E+02	0.00E+00	0.00E+00	-2.05E+02																		

