

Product Environmental Profile

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



Company information

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References covered

HW1xxxxxx, HW2xxxxxx, HW4xxxxxx, HF1E316DCGH-MTS, HF1E316DEGH-MTS, HF1E316FCGH-MTS, HF1E316FEGH-MTS, HF1E416DCGH-MTS, HF1E416DEGH-MTS, HF1E416FCGH-MTS, HF1E416FEGH-MTS, HF1W316DSAH-MTS, HF1W316FSAH-MTS, HF1W416DSAH-MTS, HF1W416FSAH-MTS, HF1M412FCFF-MTS, HF1W416FSAF-MTS, HF1M416FCGF-MTS, HF1W416FSAH-MTS, HF2S325DCIH-MTS, HF2S325DEIH-MTS, HF2S425DCIH-MTS, HF2S425DEIH-MTS, HF2W325DSAH-MTS, HF2W425DSAH-MTS, HF2W420FSAI-MTS, HF2E420FCHI-MTS, HF2S325FCIH-MTS, HF2S325FEIH-MTS, HF2S425FCIH-MTS, HF2S425FEIH-MTS, HF2W325FSAH-MTS, HF2W425FSAH-MTS, HF2W425FSAI-MTS, HF2E425FCIH-MTS, HF4P340DCKH-MTS, HF4P340DEKH-MTS, HF4P440DCKH-MTS, HF4P440DEKH-MTS, HF4W340DSAH-MTS, HF4W440DSAH-MTS, HF4P340FCKH-MTS, HF4P340FEKH-MTS, HF4P440FCKH-MTS, HF4P440FEKH-MTS, HF4W340FSAH-MTS, HF4W440FSAH-MTS, HF4W432FSAI-MTS, HF4W440FSAI-MTS, HF4S432FCJI-MTS, HF4S440FCKI-MTS, HW1x3xxZB, HW1x3xxZE, HW1W3xxZS, HW1x4xxZB, HW1x4xxZE, HW1W4xxZS, HW2x3xxZB, HW2x3xxZE, HW2x3xxZS, HW2x4xxZB, HW2x4xxZE, HW2W4xxZS, HW4x3xxZB, HW4x3xxZE, HW4x3xxZS, HW4x4xxZB, HW4x4xxZE, HW4W4xxZS and terminals: HWY001H, HWY002H, HWY005H, HWY006H, HWY040H, HWY041H, HWY044H, HWY045H, HWY046H, HWY047H, HWY048H, HWY049H, HWY058H, HWY059H, HWY068H, HWY069H, HWY158H, HWY159H, HWY160H, HWY161H, HWY168H, HWY169H, HWY040HSA, HWY041HSA, HWY044HSA, HWY045HSA, HWY046HSA, HWY047HSA, HWY048HSA, HWY049HSA, HWY058HSA, HWY059HSA, HWY068HSA, HWY069HSA, HWY158HSA, HWY159HSA, HWY160HSA, HWY161HSA, HWY168HSA, HWY169HSA, HWY140HSA, HWY141HSA, HWY144HSA, HWY145HSA, HWY150HSA, HWY151HSA, HWY162H, HWY162HSA, HWY163H, HWY163HSA And chassis : HE1E316CA0AA-MTS, HE1E416CA0AA-MTS, HE2E325CA0AA-MTS, HE2E425CA0AA-MTS, HE4E340CA0AA-MTS, HE4E440CA0AA-MTS

Methodology

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

Reference product

Reference product identification
HW1M312DB + HWY048Hx2 + HW1EC3EH

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

Functional unit

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

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

Materials and substances

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

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

System Boundaries

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

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

Manufacturing

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

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

Distribution

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

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

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

Installation

Installation processes

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

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

Installation elements (non delivered with the product)

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

Use

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

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

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

Energy model of the use phase :
Europe

Consumables and maintenance :
None

End of life

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

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

Environmental impacts

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

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

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

Environmental impact indicators

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

Resource use indicators

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

Waste category indicators

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

Output flow indicators

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

Biogenic carbon content

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

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

Extrapolation rules

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

Extrapolation rules for use phase for kit of terminals only.

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

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

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

Verification

Registration N°: HAGE-00937-V03.01-EN	Drafting Rules	PEP-PCR-ed4-2021 09 06
	Supplemented by	PSR-0005-ed3.1-2023 12 08
Verifier accreditation N°: VH35	Information and reference documents: www.pep-ecopassport.org	
Date of issue: 4-2025	Validity period:	5 years
Independent verification of the declaration and data, in compliance with ISO 14025 : 2006		
Internal ● External ○		
The PCR review was conducted by a panel of experts chaired by Julie Orgelet (DDemain)		
PEPs are compliant with XP C08-100-1:2016 or EN 50693:2019		
The elements of the present PEP cannot be compared with elements from another program.		
Document in compliance with ISO 14025 : 2006 « Environmental labels and declarations. Type III environmental declarations »		

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

		Acidification (PEF-AP) - [mole H+ eq]		Climate change - Total (PEF-GWP) - [kg CO2 eq]		Climate change-Biogenic (PEF-GWPb) - [kg CO2 eq]		Climate change-Fossil (PEF-GWPF) - [kg CO2 eq]		Climate change-Land use and land use change (PEF-GWPLU) - [kg CO2 eq]		Components for re-use - [kg]		Ecotoxicity, freshwater (PEF-CTUe) - [CTUe]		Eutrophication, freshwater (PEF-Ep) - [kg P eq]		Eutrophication, marine (PEF-Epm) - [kg N eq]		Eutrophication, terrestrial (PEF-Ept) - [mole of N eq]		Exploited energy - [MJ]		Hazardous waste disposed - [kg]		Human toxicity, cancer (PEF-CTUh-c) - [CTUh]		Human toxicity, non-cancer (PEF-CTUh-n) - [CTUh]		Ionising radation, human health (PEF-IR) - [kg Bq U235 eq]		Land use (PEF-LU)		Materials for energy recovery - [kg]		Materials for recycling - [kg]		Net use of fresh water - [m3]		Non hazardous waste disposed - [kg]		Non renewable primary energy used as energy - [MJ]		Non renewable primary energy used as raw material - [MJ]		Ozone depletion (PEF-ODP) - [kg CFC-11 eq]		EF-particulate Matter (PEF-PM) - [Incidence of diseases]		Photochemical ozone formation- human health (PEF-POCP) - [kg of NMVOC eq]		Radioactive waste disposed - [kg]		Renewable primary energy used as energy - [MJ]		Renewable primary energy used as raw material - [MJ]		Resource use, fossils (PEF-ADFP) - [MJ]		Resource use, minerals and metals (PEF-ADPe) - [kg Sb eq]		Total non renewable primary energy - [MJ]		Total primary energy - [MJ]		Total renewable primary energy - [MJ]		Use of non renewable secondary fuels - [MJ]		Use of renewable secondary fuels - [MJ]		Use of secondary material - [kg]		Water use (PEF-WU) - [m3 eq]	
Manufacturing AI-A3	HW1M312DB	4.00E+00	1.84E+02	-3.09E+03	2.15E+02	1.81E+04	0.00E+00	4.01E+04	1.70E+02	3.03E+01	3.28E+00	5.00E+01	2.02E+03	1.78E+05	3.82E+05	3.99E+03	5.49E+01	6.76E+01	4.25E+00	3.12E+00	8.83E+01	5.24E+03	1.85E+02	7.38E+05	2.34E+05	1.08E+00	4.74E+02	9.80E+03	5.25E+02	5.42E+03	1.13E+01	5.42E+03	6.05E+03	6.23E+02	0.00E+00	0.00E+00	0.00E+00	1.13E+02																																					
	HF1E316DCGH-MTS	5.44E+00	3.17E+02	-1.77E+03	3.35E+02	1.68E+05	0.00E+00	3.78E+04	2.31E+02	7.34E+03	8.05E+00	4.60E+01	2.57E+03	1.72E+05	4.67E+05	5.09E+03	7.40E+01	6.23E+01	5.12E+00	3.12E+00	1.00E+02	7.25E+03	1.88E+02	7.56E+05	3.10E+05	2.33E+00	5.13E+02	2.20E+02	3.73E+03	7.34E+03	1.20E+01	7.34E+03	7.94E+03	5.92E+02	0.00E+00	0.00E+00	8.47E+08	2.17E+02																																					
	HF1E316DEGH-MTS	5.53E+00	3.22E+02	-1.77E+03	3.43E+02	1.69E+05	0.00E+00	3.77E+04	2.31E+02	7.41E+03	8.13E+00	4.62E+01	2.58E+03	1.73E+05	4.76E+05	5.43E+03	7.41E+01	6.24E+01	5.12E+00	3.12E+00	1.00E+02	7.25E+03	1.88E+02	7.65E+05	3.13E+05	2.35E+00	5.20E+02	2.21E+02	3.73E+03	7.43E+03	1.22E+01	7.43E+03	8.03E+03	5.91E+02	0.00E+00	0.00E+00	5.86E+05	2.20E+02																																					
	HF1E316FCGH-MTS	3.15E+00	2.00E+02	-2.30E+03	2.22E+02	1.03E+05	0.00E+00	3.11E+04	8.60E+01	6.03E+01	6.65E+00	2.91E+01	1.24E+03	3.15E+00	2.16E+05	2.24E+03	2.79E+01	3.94E+01	2.05E+00	2.35E+00	5.63E+01	4.10E+03	1.15E+02	1.83E+05	1.63E+05	1.75E+00	2.67E+02	1.15E+02	3.56E+02	4.22E+03	1.02E+01	4.22E+03	4.69E+03	4.71E+02	0.00E+00	0.00E+00	8.47E+08	1.01E+02																																					
	HF1E316FEGH-MTS	3.21E+00	2.07E+02	-2.32E+03	2.28E+02	1.02E+05	0.00E+00	3.11E+04	8.62E+01	6.11E+01	6.68E+00	2.92E+01	1.27E+03	3.21E+00	2.16E+05	2.25E+03	2.79E+01	3.94E+01	2.06E+00	2.42E+00	5.77E+01	4.22E+03	1.21E+02	1.92E+05	1.66E+05	1.82E+00	2.74E+02	1.17E+02	3.56E+03	4.32E+03	1.04E+01	4.32E+03	4.79E+03	4.71E+02	0.00E+00	0.00E+00	5.94E+05	1.04E+02																																					
	HF1E416DCGH-MTS	7.06E+00	3.07E+02	-3.56E+03	4.40E+02	1.96E+05	0.00E+00	4.74E+04	3.00E+02	9.43E+01	1.04E+01	5.35E+01	3.19E+03	3.29E+03	2.20E+05	6.75E+03	9.75E+01	7.24E+01	6.40E+00	6.53E+00	1.18E+02	6.57E+03	2.29E+02	8.46E+05	3.99E+05	2.99E+00	6.21E+02	2.75E+02	3.80E+02	8.80E+03	1.59E+01	8.80E+03	9.45E+03	6.55E+02	0.00E+00	0.00E+00	8.47E+08	2.90E+02																																					
	HF1E416DEGH-MTS	7.29E+00	4.07E+02	-3.55E+03	4.42E+02	2.01E+05	0.00E+00	4.74E+04	3.05E+02	9.94E+01	1.05E+01	5.35E+01	3.41E+03	2.20E+05	6.27E+03	7.07E+01	8.77E+01	7.25E+01	6.49E+00	6.58E+00	1.20E+02	6.70E+03	2.30E+02	8.55E+05	4.11E+05	3.13E+00	6.29E+02	2.76E+02	3.80E+02	8.83E+03	1.59E+01	8.83E+03	9.59E+03	6.56E+02	0.00E+00	0.00E+00	5.83E+05	2.92E+02																																					
	HF1E416FCGH-MTS	4.02E+00	2.57E+02	-2.10E+03	2.78E+02	1.11E+05	0.00E+00	4.01E+04	1.13E+02	7.72E+01	8.45E+00	3.28E+01	1.63E+03	3.33E+00	2.84E+05	2.84E+03	3.61E+01	4.43E+01	2.58E+00	3.02E+00	6.75E+01	5.94E+03	1.42E+02	2.15E+05	2.08E+05	2.25E+00	3.31E+02	1.46E+02	3.60E+02	5.18E+03	1.35E+01	5.18E+03	5.69E+03	5.05E+02	0.00E+00	0.00E+00	8.47E+08	1.30E+02																																					
	HF1E416FEGH-MTS	4.14E+00	2.65E+02	-2.09E+03	2.88E+02	1.14E+05	0.00E+00	4.01E+04	1.14E+02	7.97E+01	8.73E+00	3.28E+01	1.65E+03	3.34E+00	2.85E+05	3.07E+03	3.62E+01	4.44E+01	2.58E+00	3.05E+00	6.97E+01	5.15E+03	1.42E+02	2.20E+05	2.13E+05	2.37E+00	3.38E+02	1.49E+02	3.60E+02	5.29E+03	1.35E+01	5.29E+03	5.80E+03	5.09E+02	0.00E+00	0.00E+00	5.83E+05	1.33E+02																																					
	HF1W316DSAHS-MTS	5.22E+00	2.87E+02	-1.81E+03	3.05E+02	1.34E+05	0.00E+00	3.48E+04	2.29E+02	7.11E+01	7.89E+00	4.48E+01	2.46E+03	1.69E+05	4.57E+05	5.07E+03	7.18E+01	6.06E+01	5.07E+00	4.75E+00	9.33E+01	6.98E+03	1.65E+02	7.15E+05	2.95E+05	2.24E+00	4.32E+02	1.86E+02	3.71E+02	8.92E+03	1.17E+01	6.92E+03	7.38E+03	5.55E+02	0.00E+00	0.00E+00	0.00E+00	2.04E+02																																					
	HF1W316FSAHS-MTS	2.90E+00	1.70E+02	-2.24E+03	1.93E+02	6.53E+04	0.00E+00	2.82E+04	8.49E+01	3.17E+01	6.31E+00	2.78E+01	1.17E+03	2.93E+00	2.06E+05	2.14E+03	2.58E+01	3.77E+01	2.03E+00	2.05E+00	4.08E+01	3.63E+03	8.69E+01	1.46E+05	1.48E+05	1.75E+00	1.87E+02	8.23E+01	3.54E+02	3.72E+03	9.93E+01	3.72E+03	4.16E+03	4.36E+02	0.00E+00	0.00E+00	0.00E+00	8.89E+03																																					
	HF1W416DSAHS-MTS	6.78E+00	3.59E+02	-3.61E+03	3.75E+02	1.59E+05	0.00E+00	4.39E+04	3.04E+02	9.13E+01	1.02E+01	5.20E+01	3.31E+03	2.17E+05	6.02E+05	8.64E+03	9.52E+01	7.04E+01	6.43E+00	6.18E+00	9.98E+01	7.98E+03	2.68E+02	8.11E+05	3.65E+05	2.88E+00	5.21E+02	2.31E+02	3.78E+02	6.19E+03	1.56E+01	6.19E+03	6.59E+03	6.09E+02	0.00E+00	0.00E+00	0.00E+00	2.66E+02																																					
	HF1W412FSAF-MTS	4.47E+00	2.17E+02	-2.06E+03	2.57E+02	7.33E+04	0.00E+00	3.69E+04	1.72E+02	7.67E+01	8.41E+00	3.40E+01	2.04E+03	3.17E+00	3.65E+05	3.94E+03	5.26E+01	4.81E+01	3.49E+00	3.58E+00	5.78E+01	4.67E+03	1.21E+02	2.04E+05	2.33E+05	2.31E+00	2.86E+02	1.17E+02	3.60E+02	4.80E+03	1.36E+01	4.80E+03	5.29E+03	4.93E+02	0.00E+00	0.00E+00	0.00E+00	1.54E+02																																					
	HF1M412PCFF-MTS	4.75E+00	2.72E+02	-2.01E+03	2.92E+02	1.11E+05	0.00E+00	4.05E+04	1.72E+02	7.95E+01	8.71E+00	3.55E+01	2.13E+03	3.44E+00	3.77E+05	4.05E+03	5.49E+01	4.81E+01	3.55E+00	3.62E+00	7.68E+01	5.22E+03	1.42E+02	2.42E+05	2.55E+05	2.41E+00	2.85E+02	1.17E+02	3.62E+02	5.37E+03	1.41E+01	5.37E+03	5.90E+03	5.34E+02	0.00E+00	0.00E+00	8.47E+08	1.68E+02																																					
	HF1W416FSAF-MTS	4.75E+00	2.72E+02	-2.01E+03	2.92E+02	7.33E+04	0.00E+00	3.69E+04	1.72E+02	7.67E+01	8.41E+00	3.40E+01	2.04E+03	3.17E+00	3.65E+05	3.94E+03	5.26E+01	4.81E+01	3.49E+00	3.58E+00	5.78E+01	4.67E+03	1.21E+02	2.04E+05	2.33E+05	2.31E+00	2.86E+02	1.17E+02	3.60E+02	4.80E+03	1.36E+01	4.80E+03	5.29E+03	4.93E+02	0.00E+00	0.00E+00	0.00E+00	1.54E+02																																					
	HF1M416FCGF-MTS	4.75E+00	2.72E+02	-2.01E+03	2.92E+02	1.11E+05	0.00E+00	4.05E+04	1.73E+02	7.95E+01	8.71E+00	3.55E+01	2.13E+03	3.44E+00	3.77E+05	4.05E+03	5.49E+01	4.81E+01	3.55E+00	3.62E+00	7.68E+01	5.22E+03	1.42E+02	2.42E+05	2.55E+05	2.41E+00	2.85E+02	1.17E+02	3.62E+02	5.37E+03	1.41E+01	5.37E+03	5.90E+03	5.34E+02	0.00E+00	0.00E+00	8.47E+08	1.68E+02																																					
	HF1W416FSAH-MTS	3.74E+00	2.22E+02	-2.15E+03	2.44E+02	7.30E+04	0.00E+00	3.66E+04	1.12E+02	7.44E+01	8.15E+00	3.13E+01	1.55E+03	3.06E+00	2.72E+05	2.84E+03	3.38E+01	4.23E+01	2.53E+00	2.85E+00	4.83E+01	4.53E+03	1.21E+02	1.76E+05	1.89E+05	2.30E+00	2.31E+02	1.09E+02	3.58E+02	4.64E+03	1.31E+01	4.64E+03	5.10E+03	4.64E+02	0.00E+00	0.00E+00	0.00E+00	1.15E+02																																					
	HW1E304DB	4.91E+00	2.83E+02	-3.05E+03	3.24E+02	1.44E+05	0.00E+00	3.65E+04	1.90E+02	7.26E+01	7.92E+00	3.60E+01	2.06E+03	1.78E+05	4.05E+05	4.34E+03	6.05E+01	6.87E+01	4.53E+00	4.34E+00	9.97E+01	6.98E+03	1.76E+02	7.15E+05	7.15E+05	2.25E+00	5.05E+02	1.70E+02	3.26E+02	7.15E+03	1.13E+01	7.15E+03	7.85E+03	6.96E+02	0.00E+00	0.00E+00	0.00E+00	1.89E+02																																					
	HW1E304DE	4.97E+00	2.94E+02	-3.05E+03	3.28E+02	1.47E+05	0.00E+00	3.68E+04	1.90E+02	7.30E+01	7.98E+00	3.60E+01	2.08E+03	1.79E+05	4.06E+05	4.34E+03	6.06E+01	6.88E+01	4.52E+00	4.40E+00	1.01E+02	7.04E+03	1.80E+02	7.24E+05	7.24E+05	2.26E+00	5.12E+02	1.71E+02	3.26E+02	7.22E+03	1.14E+01	7.22E+03	7.92E+03	6.98E+02	0.00E+00	0.00E+00	0.00E+00	1.89E+02																																					
	HW1E304FB	4.57E+00	3.79E+02	-3.46E+03	4.14E+02	9.32E+04	0.00E+00	3.35E+04	3.09E+02	1.17E+00	1.72E+01	3.33E+01	7.61E+02	4.55E+00	1.32E+05	1.23E+03	1.00E+01	4.51E+01	1.27E+00	1.62E+00	5.86E+01	7.03E+03	1.20E+02	1.80E+05	1.79E+05	4.35E+00	2.74E+02	6.65E+01	3.09E+02	7.54E+03	1.02E+01	7.54E+03	7.72E+03	5.75E+02	0.00E+00	0.00E+00	0.00E+00	7.02E+01																																					
	HW1E304FE	2.68E+00	1.61E+02	-3.46E+03	2.13E+02	8.00E+04	0.00E+00	3.02E+04	4.59E+02	6.02E+01	6.58E+00	3.40E+01	8.52E+02	4.67E+00	1.49E+05	1.49E+03	1.44E+01	4.80E+01	1.46E+00	1.70E+00	5.82E+01	4.81E+03	1.22E+02	1.51E+05	1.35E+05	2.25E+00	5.06E+02	1.70E+02	3.26E+02	7.15E+03	1.13E+01	7.15E+03	7.85E+03	6.96E+02	0.00E+00	0.00E+00	0.00E+00	7.02E+01																																					
	HW1E306DB	4.91E+00	2.83E+02	-3.05E+03	3.24E+02	1.44E+05	0.00E+00	3.65E+04	1.90E+02	7.26E+01	7.92E+00	3.60E+01	2.06E+03	1.78E+05	4.05E+05	4.34E+03	6.05E+01	6.87E+01	4.53E+00	4																																																							

HW1E416FB	5.89E+00	4.99E+02	-3.42E+03	5.33E+02	1.02E+03	0.00E+00	4.98E+03	2.09E+00	2.25E+01	3.60E+03	9.46E+02	4.67E+00	1.67E+05	1.59E+03	1.32E+02	4.88E+01	1.43E+00	2.05E+00	6.92E+01	8.90E+03	1.48E+02	2.11E+05	2.29E+05	5.89E+00	3.32E+02	8.02E+03	5.11E+02	9.05E+03	1.29E+05	9.05E+03	8.95E+03	6.01E+02	0.00E+00	0.00E+00	0.00E+00	8.81E+01	
HW1E416FE	3.41E+00	2.25E+02	-3.40E+03	2.69E+02	9.09E+04	0.00E+00	3.88E+04	5.93E+03	7.88E+03	8.55E+00	3.69E+01	1.08E+03	4.66E+00	1.91E+05	1.90E+03	1.85E+01	4.98E+01	1.76E+05	2.13E+00	6.82E+01	4.90E+03	1.34E+02	1.70E+05	1.71E+05	2.27E+00	3.21E+02	9.37E+03	5.12E+02	5.03E+03	1.13E+05	5.03E+03	5.64E+03	6.08E+02	0.00E+00	0.00E+00	5.12E+05	9.14E+03
HW1M304DB	4.91E+00	2.93E+02	-3.05E+03	3.24E+02	1.44E+05	0.00E+00	2.95E+04	1.90E+05	7.26E+03	7.92E+00	5.07E+05	2.17E+03	1.99E+00	3.96E+05	4.31E+03	8.06E+02	6.87E+01	4.53E+05	4.34E+00	9.97E+01	6.98E+03	1.76E+02	7.19E+05	2.78E+05	2.25E+00	5.05E+02	1.70E+05	5.26E+02	1.55E+03	1.13E+05	7.15E+03	7.85E+03	6.99E+02	0.00E+00	0.00E+00	1.89E+05	
HW1M304DE	4.99E+00	2.99E+02	-3.05E+03	3.29E+02	1.47E+05	0.00E+00	3.68E+04	1.90E+05	7.26E+03	8.03E+00	5.09E+05	2.18E+03	1.87E+00	4.00E+05	4.34E+03	8.06E+01	6.89E+01	4.53E+05	4.40E+00	1.00E+02	7.09E+03	1.80E+02	7.34E+05	2.82E+05	2.26E+00	5.08E+02	1.72E+05	5.26E+02	1.74E+03	1.14E+05	7.24E+03	7.94E+03	6.99E+02	0.00E+00	0.00E+00	5.13E+05	1.89E+05
HW1M304FB	4.97E+00	3.79E+02	-3.46E+03	4.14E+02	9.32E+04	0.00E+00	3.35E+04	3.99E+03	1.57E+00	1.72E+01	3.32E+03	7.61E+02	4.55E+00	1.30E+05	1.23E+03	1.09E+01	4.51E+01	1.27E+05	1.63E+00	5.86E+01	7.03E+03	1.20E+02	1.80E+05	1.79E+05	4.35E+00	2.74E+02	6.85E+03	5.09E+02	7.54E+03	1.02E+05	7.14E+03	7.72E+03	5.75E+02	0.00E+00	0.00E+00	7.02E+05	
HW1M304FE	2.68E+00	1.81E+02	-3.46E+03	2.15E+02	8.00E+04	0.00E+00	3.02E+04	4.59E+03	6.06E+01	6.58E+00	3.40E+05	8.52E+02	4.67E+00	1.46E+05	1.48E+03	1.44E+01	4.86E+01	1.46E+05	1.70E+00	5.82E+01	4.51E+03	1.12E+02	1.51E+05	1.35E+05	1.75E+00	2.66E+02	6.94E+03	5.09E+02	4.13E+03	9.96E+03	6.13E+03	4.70E+03	5.76E+02	0.00E+00	0.00E+00	5.13E+05	7.32E+05
HW1M306DB	4.91E+00	2.93E+02	-3.05E+03	3.24E+02	1.44E+05	0.00E+00	3.65E+04	1.90E+05	7.26E+03	7.92E+00	5.07E+05	2.17E+03	1.89E+00	3.98E+05	4.31E+03	8.06E+02	6.87E+01	4.53E+05	4.34E+00	9.97E+01	6.98E+03	1.76E+02	7.19E+05	2.78E+05	2.25E+00	5.05E+02	1.70E+05	5.26E+02	1.55E+03	1.13E+05	7.15E+03	7.85E+03	6.99E+02	0.00E+00	0.00E+00	1.89E+05	
HW1M306DE	4.99E+00	2.99E+02	-3.05E+03	3.29E+02	1.47E+05	0.00E+00	3.68E+04	1.90E+05	7.26E+03	8.03E+00	5.09E+05	2.18E+03	1.87E+00	4.00E+05	4.34E+03	8.06E+01	6.89E+01	4.53E+05	4.40E+00	1.00E+02	7.09E+03	1.80E+02	7.34E+05	2.82E+05	2.26E+00	5.08E+02	1.72E+05	5.26E+02	1.74E+03	1.14E+05	7.24E+03	7.94E+03	6.99E+02	0.00E+00	0.00E+00	5.13E+05	1.89E+05
HW1M306FB	4.97E+00	3.79E+02	-3.46E+03	4.14E+02	9.32E+04	0.00E+00	3.35E+04	3.99E+03	1.57E+00	1.72E+01	3.32E+03	7.61E+02	4.55E+00	1.30E+05	1.23E+03	1.09E+01	4.51E+01	1.27E+05	1.63E+00	5.86E+01	7.03E+03	1.20E+02	1.80E+05	1.79E+05	4.35E+00	2.74E+02	6.85E+03	5.09E+02	7.54E+03	1.02E+05	7.14E+03	7.72E+03	5.75E+02	0.00E+00	0.00E+00	7.02E+05	
HW1M306FE	2.68E+00	1.81E+02	-3.46E+03	2.15E+02	8.00E+04	0.00E+00	3.02E+04	4.59E+03	6.06E+01	6.58E+00	3.40E+05	8.52E+02	4.67E+00	1.46E+05	1.48E+03	1.44E+01	4.86E+01	1.46E+05	1.70E+00	5.82E+01	4.51E+03	1.12E+02	1.51E+05	1.35E+05	1.75E+00	2.66E+02	6.94E+03	5.09E+02	4.13E+03	9.96E+03	6.13E+03	4.70E+03	5.76E+02	0.00E+00	0.00E+00	5.13E+05	7.32E+05
HW1M308DB	4.91E+00	2.93E+02	-3.05E+03	3.24E+02	1.44E+05	0.00E+00	3.65E+04	1.90E+05	7.26E+03	7.92E+00	5.07E+05	2.17E+03	1.89E+00	3.98E+05	4.31E+03	8.06E+01	6.87E+01	4.53E+05	4.34E+00	9.97E+01	6.98E+03	1.76E+02	7.19E+05	2.78E+05	2.25E+00	5.05E+02	1.70E+05	5.26E+02	1.55E+03	1.13E+05	7.15E+03	7.85E+03	6.99E+02	0.00E+00	0.00E+00	1.89E+05	
HW1M308DE	4.99E+00	2.99E+02	-3.05E+03	3.29E+02	1.47E+05	0.00E+00	3.68E+04	1.90E+05	7.26E+03	8.03E+00	5.09E+05	2.18E+03	1.87E+00	4.00E+05	4.34E+03	8.06E+01	6.89E+01	4.53E+05	4.40E+00	1.00E+02	7.09E+03	1.80E+02	7.34E+05	2.82E+05	2.26E+00	5.08E+02	1.72E+05	5.26E+02	1.74E+03	1.14E+05	7.24E+03	7.94E+03	6.99E+02	0.00E+00	0.00E+00	5.13E+05	1.89E+05
HW1M308FB	4.97E+00	3.79E+02	-3.46E+03	4.14E+02	9.32E+04	0.00E+00	3.35E+04	3.99E+03	1.57E+00	1.72E+01	3.32E+03	7.61E+02	4.55E+00	1.30E+05	1.23E+03	1.09E+01	4.51E+01	1.27E+05	1.63E+00	5.86E+01	7.03E+03	1.20E+02	1.80E+05	1.79E+05	4.35E+00	2.74E+02	6.85E+03	5.09E+02	7.54E+03	1.02E+05	7.14E+03	7.72E+03	5.75E+02	0.00E+00	0.00E+00	7.02E+05	
HW1M312DE	2.68E+00	1.81E+02	-3.46E+03	2.15E+02	8.00E+04	0.00E+00	3.02E+04	4.59E+03	6.06E+01	6.58E+00	3.40E+05	8.52E+02	4.67E+00	1.46E+05	1.48E+03	1.44E+01	4.86E+01	1.46E+05	1.70E+00	5.82E+01	4.51E+03	1.12E+02	1.51E+05	1.35E+05	1.75E+00	2.66E+02	6.94E+03	5.09E+02	4.13E+03	9.96E+03	6.13E+03	4.70E+03	5.76E+02	0.00E+00	0.00E+00	5.13E+05	7.32E+05
HW1M312DB	4.91E+00	2.93E+02	-3.05E+03	3.24E+02	1.44E+05	0.00E+00	3.65E+04	1.90E+05	7.26E+03	7.92E+00	5.07E+05	2.17E+03	1.89E+00	3.98E+05	4.31E+03	8.06E+01	6.87E+01	4.53E+05	4.34E+00	9.97E+01	6.98E+03	1.76E+02	7.19E+05	2.78E+05	2.25E+00	5.05E+02	1.70E+05	5.26E+02	1.55E+03	1.13E+05	7.15E+03	7.85E+03	6.99E+02	0.00E+00	0.00E+00	1.89E+05	
HW1M310DE	4.99E+00	2.99E+02	-3.05E+03	3.29E+02	1.47E+05	0.00E+00	3.68E+04	1.90E+05	7.26E+03	8.03E+00	5.09E+05	2.18E+03	1.87E+00	4.00E+05	4.34E+03	8.06E+01	6.89E+01	4.53E+05	4.40E+00	1.00E+02	7.09E+03	1.80E+02	7.34E+05	2.82E+05	2.26E+00	5.08E+02	1.72E+05	5.26E+02	1.74E+03	1.14E+05	7.24E+03	7.94E+03	6.99E+02	0.00E+00	0.00E+00	5.13E+05	1.89E+05
HW1M310FB	4.97E+00	3.79E+02	-3.46E+03	4.14E+02	9.32E+04	0.00E+00	3.35E+04	3.99E+03	1.57E+00	1.72E+01	3.32E+03	7.61E+02	4.55E+00	1.30E+05	1.23E+03	1.09E+01	4.51E+01	1.27E+05	1.63E+00	5.86E+01	7.03E+03	1.20E+02	1.80E+05	1.79E+05	4.35E+00	2.74E+02	6.85E+03	5.09E+02	7.54E+03	1.02E+05	7.14E+03	7.72E+03	5.75E+02	0.00E+00	0.00E+00	7.02E+05	
HW1M310FE	2.68E+00	1.81E+02	-3.46E+03	2.15E+02	8.00E+04	0.00E+00	3.02E+04	4.59E+03	6.06E+01	6.58E+00	3.40E+05	8.52E+02	4.67E+00	1.46E+05	1.48E+03	1.44E+01	4.86E+01	1.46E+05	1.70E+00	5.82E+01	4.51E+03	1.12E+02	1.51E+05	1.35E+05	1.75E+00	2.66E+02	6.94E+03	5.09E+02	4.13E+03	9.96E+03	6.13E+03	4.70E+03	5.76E+02	0.00E+00	0.00E+00	5.13E+05	7.32E+05
HW1M312FB	2.63E+00	1.77E+02	-3.46E+03	2.12E+02	8.28E+04	0.00E+00	2.99E+04	4.57E+03	6.01E+01	6.52E+00	3.38E+05	8.44E+02	4.55E+00	1.47E+05	1.45E+03	1.44E+01	4.57E+01	1.46E+05	1.65E+00	5.77E+01	3.99E+03	1.08E+02	1.47E+05	1.13E+05	1.74E+00	2.63E+02	6.80E+03	5.09E+02	4.07E+03	8.47E+03	4.07E+03	8.64E+03	5.77E+02	0.00E+00	0.00E+00	1.79E+05	
HW1M312FE	2.68E+00	1.81E+02	-3.46E+03	2.15E+02	8.00E+04	0.00E+00	3.02E+04	4.59E+03	6.06E+01	6.58E+00	3.40E+05	8.52E+02	4.67E+00	1.46E+05	1.48E+03	1.44E+01	4.86E+01	1.46E+05	1.70E+00	5.82E+01	4.51E+03	1.12E+02	1.51E+05	1.35E+05	1.75E+00	2.66E+02	6.94E+03	5.09E+02	4.13E+03	9.96E+03	6.13E+03	4.70E+03	5.76E+02	0.00E+00	0.00E+00	5.13E+05	7.32E+05
HW1M316DB	4.94E+00	2.94E+02	-3.05E+03	3.29E+02	1.44E+05	0.00E+00	3.65E+04	1.90E+05	7.23E+03	7.88E+00	5.07E+05	2.17E+03	1.89E+00	4.00E+05	4.31E+03	8.06E+01	6.87E+01	4.53E+05	4.34E+00	9.97E+01	6.98E+03	1.76E+02	7.19E+05	2.78E+05	2.25E+00	5.05E+02	1.72E+05	5.26E+02	1.58E+03	1.13E+05	7.18E+03	7.88E+03	6.99E+02	0.00E+00	0.00E+00	1.89E+05	
HW1M316DE	4.99E+00	2.99E+02	-3.05E+03	3.29E+02	1.47E+05	0.00E+00	3.68E+04	1.90E+05	7.23E+03	8.03E+00	5.09E+05	2.18E+03	1.87E+00	4.00E+05	4.31E+03	8.06E+01	6.89E+01	4.53E+05	4.40E+00	1.00E+02	7.09E+03	1.80E+02	7.34E+05	2.82E+05	2.26E+00	5.08E+02	1.72E+05	5.26E+02	1.74E+03	1.14E+05	7.24E+03	7.94E+03	6.99E+02	0.00E+00	0.00E+00	5.13E+05	1.89E+05
HW1M316FB	2.63E+00	1.77E+02	-3.46E+03	2.12E+02	8.28E+04	0.00E+00	2.99E+04	4.57E+03	6.01E+01	6.52E+00	3.38E+05	8.44E+02	4.55E+00	1.47E+05	1.45E+03	1.44E+01	4.57E+01	1.46E+05	1.65E+00	5.77E+01	3.99E+03	1.08E+02	1.47E+05	1.13E+05	1.74E+00	2.63E+02	6.80E+03	5.09E+02	4.07E+03	8.47E+03	4.07E+03	8.64E+03	5.77E+02	0.00E+00	0.00E+00	1.79E+05	
HW1M316FE	2.68E+00	1.81E+02	-3.46E+03	2.15E+02	8.00E+04	0.00E+00	3.02E+04	4.59E+03	6.06E+01	6.58E+00	3.40E+05	8.52E+02	4.67E+00	1.46E+05	1.48E+03	1.44E+01	4.86E+01	1.46E+05	1.70E+00	5.82E+01	4.51E+03	1.12E+02	1.51E+05	1.35E+05	1.75E+00	2.66E+02	6.94E+03	5.09E+02	4.13E+03	9.96E+03	6.13E+03	4.70E+03	5.76E+02	0.00E+00	0.00E+00	5.13E+05	7.32E+05
HW1M404DB	6.28E+00	3.69E+02	-1.86E+03	3.85E+02	1.79E+05	0.00E+00	4.59E+04	2.50E+05	9.10E+01	9.99E+00	5.09E+05	2.88E+03	2.19E+05	5.24E+05	5.70E+03	7.89E+01	6.84E+01	5.58E+05	5.55E+00	1.12E+02	8.20E+03	2.19E+02	8.05E+05	3.53E+05	2.84E+00	5.81E+02	2.50E+05	3.77E+02	8.42E+03	1.49E+05	8.42E+03	9.05E+03	6.31E+02	0.00E+00	0.00E+00	2.38E+05	
HW1M404DE	6.54E+00	3.76E+02	-2.89E+03	4.04E+02	1.79E+05	0.00E+00	4.61E+04</																														

HW1N410DE	6.54E+00	3.79E+03	2.88E+03	4.04E+02	1.78E+03	6.00E+00	4.55E+04	2.53E+02	9.77E+01	1.07E+01	5.75E+03	2.84E+03	2.33E+05	5.22E+05	5.70E+03	7.99E+01	7.76E+01	5.66E+00	5.83E+00	1.19E+02	8.43E+03	2.22E+02	8.06E+03	3.67E+05	3.02E+00	6.12E+02	2.20E+00	5.33E+02	8.65E+03	1.37E+01	8.85E+03	6.40E+03	7.52E+02	0.00E+00	0.00E+00	5.12E+05	2.42E+02
HW1N410FB	5.89E+00	4.39E+02	3.42E+01	5.32E+02	1.02E+03	0.00E+00	4.37E+04	4.88E+01	2.09E+00	2.25E+01	3.65E+01	9.49E+02	4.67E+00	1.67E+00	1.59E+03	1.32E+01	4.88E+01	1.43E+00	2.05E+00	9.62E+01	6.93E+03	1.48E+02	2.11E+05	2.29E+05	5.89E+00	3.32E+02	8.62E+01	5.11E+02	9.05E+03	1.25E+01	9.05E+03	6.95E+03	6.01E+02	0.00E+00	0.00E+00	0.00E+00	8.81E+01
HW1N410FE	3.39E+00	2.34E+02	3.45E+01	2.68E+02	9.05E+04	6.00E+00	3.89E+04	5.92E+03	7.80E+01	8.48E+00	3.68E+03	1.08E+03	4.69E+00	1.95E+05	1.90E+03	1.85E+01	4.98E+01	1.76E+00	2.13E+00	8.62E+01	4.88E+03	1.34E+02	1.79E+05	1.69E+05	2.25E+00	3.21E+02	9.27E+01	5.12E+02	5.03E+03	1.13E+01	5.01E+03	6.52E+03	6.01E+02	0.00E+00	0.00E+00	5.12E+05	9.14E+01
HW1N412DB	6.28E+00	3.63E+02	2.86E+01	3.89E+02	1.76E+04	0.00E+00	4.59E+04	2.93E+02	9.13E+01	9.99E+00	5.05E+03	2.88E+03	2.13E+05	5.24E+05	5.70E+03	7.88E+01	6.84E+01	5.98E+00	5.55E+00	1.12E+02	8.70E+03	2.13E+02	8.03E+05	3.53E+05	2.84E+00	5.81E+02	3.20E+03	3.77E+02	8.41E+03	1.49E+01	8.41E+03	9.95E+03	6.13E+02	0.00E+00	0.00E+00	0.00E+00	2.38E+02
HW1N412DE	6.54E+00	3.79E+03	2.88E+03	4.04E+02	1.78E+03	6.00E+00	4.55E+04	2.53E+02	9.77E+01	1.07E+01	5.75E+03	2.84E+03	2.33E+05	5.22E+05	5.70E+03	7.99E+01	7.76E+01	5.66E+00	5.83E+00	1.19E+02	8.43E+03	2.22E+02	8.06E+03	3.67E+05	3.02E+00	6.12E+02	2.20E+00	5.33E+02	8.65E+03	1.37E+01	8.85E+03	6.40E+03	7.52E+02	0.00E+00	0.00E+00	5.12E+05	2.42E+02
HW1N412FB	5.89E+00	4.39E+02	3.42E+01	5.32E+02	1.02E+03	0.00E+00	4.37E+04	4.88E+01	2.09E+00	2.25E+01	3.65E+01	9.49E+02	4.67E+00	1.67E+00	1.59E+03	1.32E+01	4.88E+01	1.43E+00	2.05E+00	9.62E+01	6.93E+03	1.48E+02	2.11E+05	2.29E+05	5.89E+00	3.32E+02	8.62E+01	5.11E+02	9.05E+03	1.25E+01	9.05E+03	6.95E+03	6.01E+02	0.00E+00	0.00E+00	0.00E+00	8.81E+01
HW1N412FE	3.39E+00	2.34E+02	3.45E+01	2.68E+02	9.05E+04	6.00E+00	3.89E+04	5.92E+03	7.80E+01	8.48E+00	3.68E+03	1.08E+03	4.69E+00	1.95E+05	1.90E+03	1.85E+01	4.98E+01	1.76E+00	2.13E+00	8.62E+01	4.88E+03	1.34E+02	1.79E+05	1.69E+05	2.25E+00	3.21E+02	9.27E+01	5.12E+02	5.03E+03	1.13E+01	5.01E+03	6.52E+03	6.01E+02	0.00E+00	0.00E+00	5.12E+05	9.14E+01
HW1N416DB	6.28E+00	3.68E+02	1.86E+01	3.89E+02	1.76E+04	0.00E+00	4.59E+04	2.93E+02	9.13E+01	9.99E+00	5.05E+03	2.88E+03	2.13E+05	5.24E+05	5.70E+03	7.88E+01	6.84E+01	5.98E+00	5.55E+00	1.12E+02	8.70E+03	2.13E+02	8.03E+05	3.53E+05	2.84E+00	5.81E+02	3.20E+03	3.77E+02	8.41E+03	1.49E+01	8.41E+03	9.95E+03	6.13E+02	0.00E+00	0.00E+00	0.00E+00	2.38E+02
HW1N416DE	6.54E+00	3.79E+02	2.88E+03	4.04E+02	1.78E+03	6.00E+00	4.55E+04	2.53E+02	9.77E+01	1.07E+01	5.75E+03	2.84E+03	2.33E+05	5.22E+05	5.70E+03	7.99E+01	7.76E+01	5.66E+00	5.83E+00	1.19E+02	8.43E+03	2.22E+02	8.06E+03	3.67E+05	3.02E+00	6.12E+02	2.20E+00	5.33E+02	8.65E+03	1.37E+01	8.85E+03	6.40E+03	7.52E+02	0.00E+00	0.00E+00	5.12E+05	2.42E+02
HW1N416FB	3.24E+00	2.29E+02	3.55E+01	2.51E+02	9.05E+04	6.00E+00	3.89E+04	5.92E+03	7.80E+01	8.48E+00	3.68E+03	1.11E+03	4.29E+00	4.69E+00	1.90E+03	1.84E+01	4.94E+01	1.42E+00	1.50E+00	4.51E+01	6.83E+03	1.32E+02	1.69E+05	1.61E+05	2.25E+00	3.20E+02	9.26E+01	5.12E+02	5.03E+03	1.13E+01	5.00E+03	6.50E+03	6.01E+02	0.00E+00	0.00E+00	0.00E+00	8.81E+01
HW1N416FE	3.39E+00	2.34E+02	3.45E+01	2.68E+02	9.05E+04	6.00E+00	3.89E+04	5.92E+03	7.80E+01	8.48E+00	3.68E+01	1.08E+03	4.69E+00	1.91E+05	1.90E+03	1.85E+01	4.98E+01	1.76E+00	2.13E+00	8.62E+01	4.88E+03	1.34E+02	1.79E+05	1.69E+05	2.25E+00	3.21E+02	9.27E+01	5.12E+02	5.03E+03	1.13E+01	5.01E+03	6.52E+03	6.01E+02	0.00E+00	0.00E+00	5.12E+05	9.14E+01
HW1W304DS	4.70E+00	2.75E+02	2.88E+01	2.94E+02	1.24E+03	0.00E+00	3.34E+04	1.87E+02	6.93E+01	7.65E+00	4.27E+03	2.14E+03	1.69E+05	3.90E+05	4.22E+03	5.89E+01	5.78E+01	4.39E+00	4.12E+00	8.07E+01	6.69E+03	1.65E+02	6.99E+05	2.64E+05	2.35E+00	4.12E+02	1.73E+02	3.69E+02	6.65E+03	1.12E+01	6.65E+03	7.19E+03	5.42E+02	0.00E+00	0.00E+00	0.00E+00	1.77E+02
HW1W304FS	2.45E+00	1.75E+02	3.52E+01	1.94E+02	5.88E+04	0.00E+00	2.71E+04	1.45E+02	5.78E+01	6.27E+00	3.27E+03	8.12E+02	4.29E+00	1.39E+05	1.42E+03	1.28E+01	4.43E+01	1.42E+00	1.50E+00	4.51E+01	6.49E+03	1.60E+02	6.99E+05	2.64E+05	2.35E+00	1.96E+02	1.47E+02	3.69E+02	6.65E+03	1.12E+01	6.65E+03	7.19E+03	5.42E+02	0.00E+00	0.00E+00	0.00E+00	1.77E+02
HW1W306DS	4.70E+00	2.75E+02	2.88E+01	2.94E+02	1.24E+03	0.00E+00	3.34E+04	1.87E+02	6.93E+01	7.65E+00	4.27E+03	2.14E+03	1.69E+05	3.90E+05	4.22E+03	5.89E+01	5.78E+01	4.39E+00	4.12E+00	8.07E+01	6.69E+03	1.65E+02	6.99E+05	2.64E+05	2.35E+00	4.12E+02	1.73E+02	3.69E+02	6.65E+03	1.12E+01	6.65E+03	7.19E+03	5.42E+02	0.00E+00	0.00E+00	0.00E+00	1.77E+02
HW1W306FS	2.45E+00	1.75E+02	3.52E+01	1.94E+02	5.88E+04	0.00E+00	2.71E+04	1.45E+02	5.78E+01	6.27E+00	3.27E+03	8.12E+02	4.29E+00	1.39E+05	1.42E+03	1.28E+01	4.43E+01	1.42E+00	1.50E+00	4.51E+01	6.49E+03	1.60E+02	6.99E+05	2.64E+05	2.35E+00	1.96E+02	1.47E+02	3.69E+02	6.65E+03	1.12E+01	6.65E+03	7.19E+03	5.42E+02	0.00E+00	0.00E+00	0.00E+00	1.77E+02
HW1W308DS	4.70E+00	2.75E+02	2.88E+01	2.94E+02	1.24E+03	0.00E+00	3.34E+04	1.87E+02	6.93E+01	7.65E+00	4.27E+03	2.14E+03	1.69E+05	3.90E+05	4.22E+03	5.89E+01	5.78E+01	4.39E+00	4.12E+00	8.07E+01	6.69E+03	1.65E+02	6.99E+05	2.64E+05	2.35E+00	4.12E+02	1.73E+02	3.69E+02	6.65E+03	1.12E+01	6.65E+03	7.19E+03	5.42E+02	0.00E+00	0.00E+00	0.00E+00	1.77E+02
HW1W308FS	1.62E+00	1.75E+02	3.54E+01	1.11E+02	6.87E+04	0.00E+00	3.05E+04	2.52E+02	1.78E+01	1.85E+00	3.29E+03	6.68E+02	4.15E+00	1.14E+05	1.09E+03	1.97E+00	4.32E+01	1.11E+00	1.19E+00	4.52E+01	2.44E+03	1.05E+02	1.55E+05	8.88E+04	8.64E+01	2.04E+02	3.44E+01	5.07E+02	2.55E+03	9.24E+01	2.55E+03	3.09E+03	5.42E+02	0.00E+00	0.00E+00	0.00E+00	5.10E+01
HW1W310DS	4.12E+00	1.95E+02	3.12E+01	2.29E+02	1.38E+03	0.00E+00	3.73E+04	1.76E+02	1.12E+01	3.37E+00	4.89E+01	1.99E+03	1.74E+05	3.85E+05	3.89E+03	5.42E+01	6.62E+01	4.22E+00	3.80E+00	8.80E+01	5.47E+03	1.71E+02	7.24E+05	2.37E+05	1.11E+00	4.57E+02	1.54E+02	5.64E+03	1.38E+01	5.64E+03	6.39E+03	6.93E+02	0.00E+00	0.00E+00	0.00E+00	1.63E+01	
HW1W310FS	2.45E+00	1.95E+02	3.12E+01	2.29E+02	1.38E+03	0.00E+00	3.73E+04	1.76E+02	1.12E+01	3.37E+00	4.89E+01	1.99E+03	1.74E+05	3.85E+05	3.89E+03	5.42E+01	6.62E+01	4.22E+00	3.80E+00	8.80E+01	5.47E+03	1.71E+02	7.24E+05	2.37E+05	1.11E+00	4.57E+02	1.54E+02	5.64E+03	1.38E+01	5.64E+03	6.39E+03	6.93E+02	0.00E+00	0.00E+00	0.00E+00	1.63E+01	
HW1W312DS	4.70E+00	2.75E+02	2.88E+01	2.94E+02	1.24E+03	0.00E+00	3.34E+04	1.87E+02	6.93E+01	7.65E+00	4.27E+03	2.14E+03	1.69E+05	3.90E+05	4.22E+03	5.89E+01	5.78E+01	4.39E+00	4.12E+00	8.07E+01	6.69E+03	1.65E+02	6.99E+05	2.64E+05	2.35E+00	4.12E+02	1.73E+02	3.69E+02	6.65E+03	1.12E+01	6.65E+03	7.19E+03	5.42E+02	0.00E+00	0.00E+00	0.00E+00	1.77E+02
HW1W312FS	2.45E+00	1.75E+02	3.52E+01	1.94E+02	5.88E+04	0.00E+00	2.71E+04	1.45E+02	5.78E+01	6.27E+00	3.27E+03	8.12E+02	4.29E+00	1.39E+05	1.42E+03	1.28E+01	4.43E+01	1.42E+00	1.50E+00	4.51E+01	6.49E+03	1.60E+02	6.99E+05	2.64E+05	2.35E+00	1.96E+02	1.47E+02	3.69E+02	6.65E+03	1.12E+01	6.65E+03	7.19E+03	5.42E+02	0.00E+00	0.00E+00	0.00E+00	1.77E+02
HW1W316DS	4.70E+00	2.75E+02	2.88E+01	2.94E+02	1.24E+03	0.00E+00	3.34E+04	1.87E+02	6.93E+01	7.65E+00	4.27E+03	2.14E+03	1.69E+05	3.90E+05	4.22E+03	5.89E+01	5.78E+01	4.39E+00	4.12E+00	8.07E+01	6.69E+03	1.65E+02	6.99E+05	2.64E+05	2.35E+00	4.12E+02	1.73E+02	3.69E+02	6.65E+03	1.12E+01	6.65E+03	7.19E+03	5.42E+02	0.00E+00	0.00E+00	0.00E+00	1.77E+02
HW1W316FS	2.86E+00	2.08E+02	3.51E+01	2.47E+02	6.88E+04	0.00E+00	3.08E+04	1.65E+02	6.12E+01	8.84E+00	3.27E+03	8.12E+02	4.31E+00	1.41E+05	1.37E+03	1.31E+01	4.43E+01	1.43E+00	1.49E+00	4.52E+01	6.49E+03	1.05E+02	1.64E+05	1.36E+05	2.30E+00	2.01E+02	1.43E+01	5.06E+02	4.54E+03	1.08E+01	5.06E+03	5.55E+03	5.42E+02	0.00E+00	0.00E+00	0.00E+00	6.82E+01
HW1W404DS	4.63E+00	2.17E+02	2.85E+01	2.46E+02	1.66E+03	0.00E+00	4.76E+04	2.24E+02	5.56E+01	3.85E+00	5.02E+01	2.61E+03	2.31E+05	4.77E+05	5.13E+03	1.54E+01	7.47E+01	5.24E+00	5.49E+00	6.10E+01	5.93E+03	1.57E+02	1.55E+05	6.99E+05	2.02E+00	8.07E+01	3.36E+01	5.30E+01	6.14E+01	1.54E+01	1.64E+01	8.58E+01	6.74E+02	0.00E+00	0.00E+00	0.00E+00	2.14E+01
HW1W404FS	1.72E+00	9.57E+01	3.46E+01	1.31E+02	7.79E+04	0.00E+00	4.69E+04	3.19E+02	2.05E+01	2.11E+00	3.44E+01	8.59E+01	4.39E+00	1.47E+05	1.39E+03	1.89E+01	4.86E+01	1.30E+00	1.51E+00	5.25E+01	2.82E+03	1.31E+02	1.83E+05	1.08E+05	6.53E+01	2.43E+02	4.89E+01	5.10E+02	2.95E+03	1.19E+02	2.95E+03	3.51E+03	5.60E+02	0.00E+00			

HW2E408FE	4.34E+00	2.95E+02	2.82E+02	3.23E+03	2.50E+03	0.00E+00	1.52E+04	9.80E+04	4.28E+01	4.44E+02	6.82E+03	2.02E+03	1.41E+03	3.36E+05	3.82E+03	1.52E+03	9.23E+01	9.34E+01	4.82E+02	1.63E+02	9.80E+03	4.98E+02	2.00E+03	2.78E+05	1.46E+03	8.57E+02	2.09E+02	9.50E+02	1.02E+04	1.40E+02	1.02E+04	1.11E+04	8.00E+02	0.00E+00	0.00E+00	8.92E+04	2.07E+02
HW2E410DB	9.41E+04	5.29E+02	1.52E+03	5.40E+02	3.61E+03	0.00E+00	1.71E+04	1.14E+03	6.99E+01	7.59E+02	1.05E+04	5.16E+03	1.49E+03	9.01E+05	1.07E+04	2.31E+03	1.42E+04	1.36E+04	1.04E+03	2.58E+02	1.69E+04	7.04E+02	4.06E+05	5.90E+05	2.59E+04	1.37E+01	3.69E+05	6.27E+02	1.73E+04	1.90E+01	1.73E+04	1.82E+04	9.94E+02	0.00E+00	0.00E+00	8.40E+04	4.48E+02
HW2E410DE	9.43E+04	5.29E+02	1.51E+03	5.42E+02	3.69E+03	0.00E+00	1.74E+04	1.18E+03	6.99E+01	7.61E+02	1.05E+04	5.16E+03	1.50E+03	9.01E+05	1.07E+04	2.40E+03	1.42E+04	1.36E+04	1.05E+03	2.58E+02	1.69E+04	7.11E+02	4.07E+05	5.91E+05	2.60E+04	1.38E+01	3.71E+05	6.27E+02	1.73E+04	1.90E+01	1.73E+04	1.82E+04	9.97E+02	0.00E+00	0.00E+00	8.91E+04	4.49E+02
HW2E410FB	4.32E+00	2.93E+02	2.83E+02	3.21E+03	2.22E+03	0.00E+00	1.52E+04	9.20E+04	4.28E+01	4.43E+02	6.80E+03	2.02E+03	1.41E+03	3.36E+05	3.81E+03	1.43E+03	9.20E+01	9.34E+01	4.79E+02	1.63E+02	9.77E+03	4.89E+02	2.07E+03	2.78E+05	1.46E+03	8.57E+02	2.08E+02	9.50E+02	1.03E+04	1.40E+02	1.03E+04	1.11E+04	7.98E+02	0.00E+00	0.00E+00	8.40E+04	2.06E+02
HW2E410FE	4.34E+00	2.95E+02	2.82E+02	3.23E+03	2.50E+03	0.00E+00	1.52E+04	9.80E+04	4.28E+01	4.45E+02	6.82E+03	2.02E+03	1.41E+03	3.36E+05	3.82E+03	1.52E+03	9.23E+01	9.34E+01	4.82E+02	1.63E+02	9.80E+03	4.98E+02	2.00E+03	2.78E+05	1.46E+03	8.57E+02	2.09E+02	9.50E+02	1.03E+04	1.40E+02	1.03E+04	1.11E+04	8.00E+02	0.00E+00	0.00E+00	8.92E+04	2.07E+02
HW2E412DB	9.41E+04	5.29E+02	1.52E+03	5.40E+02	3.61E+03	0.00E+00	1.71E+04	1.14E+03	6.99E+01	7.59E+02	1.05E+04	5.16E+03	1.49E+03	9.01E+05	1.07E+04	2.31E+03	1.42E+04	1.36E+04	1.04E+03	2.58E+02	1.69E+04	7.04E+02	4.06E+05	5.90E+05	2.59E+04	1.37E+01	3.69E+05	6.27E+02	1.73E+04	1.90E+01	1.73E+04	1.82E+04	9.94E+02	0.00E+00	0.00E+00	8.40E+04	4.48E+02
HW2E412DE	9.43E+04	5.29E+02	1.51E+03	5.42E+02	3.69E+03	0.00E+00	1.74E+04	1.18E+03	6.99E+01	7.61E+02	1.05E+04	5.16E+03	1.50E+03	9.01E+05	1.07E+04	2.40E+03	1.42E+04	1.36E+04	1.05E+03	2.58E+02	1.69E+04	7.11E+02	4.07E+05	5.91E+05	2.60E+04	1.38E+01	3.71E+05	6.27E+02	1.73E+04	1.90E+01	1.73E+04	1.82E+04	9.97E+02	0.00E+00	0.00E+00	8.91E+04	4.49E+02
HW2E412FB	4.32E+00	2.93E+02	2.83E+02	3.21E+03	2.22E+03	0.00E+00	1.52E+04	9.20E+04	4.28E+01	4.43E+02	6.80E+03	2.02E+03	1.41E+03	3.36E+05	3.81E+03	1.43E+03	9.20E+01	9.34E+01	4.79E+02	1.63E+02	9.77E+03	4.89E+02	2.07E+03	2.78E+05	1.46E+03	8.57E+02	2.08E+02	9.50E+02	1.03E+04	1.40E+02	1.03E+04	1.11E+04	7.98E+02	0.00E+00	0.00E+00	8.40E+04	2.06E+02
HW2E412FE	4.34E+00	2.95E+02	2.82E+02	3.23E+03	2.50E+03	0.00E+00	1.52E+04	9.80E+04																													

HW2S310DE	7.34e-04	4.28e+02	3.24e+05	4.49e+02	3.49e+05	0.00e+00	1.47e-04	9.74e-04	5.78e+01	6.32e+00	8.93e+02	3.89e+03	1.13e+05	6.82e+02	8.04e+03	2.03e+04	1.22e+00	1.17e-04	8.18e+00	1.89e+02	2.33e+02	1.42e-04	3.65e+02	3.38e+05	4.60e+02	2.13e+00	1.03e+01	2.93e+02	6.12e+02	1.48e+04	1.43e+01	1.48e+04	1.57e+04	9.05e+02	0.00e+00	0.00e+00	8.91e-04	3.58e+02
HW2S310FB	3.49e-04	2.37e+02	3.07e+05	2.88e+02	1.81e+03	0.00e+00	1.29e-04	7.75e-04	3.61e+01	3.92e+00	5.99e+02	1.58e+03	1.08e+05	2.85e+02	2.97e+03	1.17e+04	8.06e+01	8.18e+01	3.87e+00	1.32e+02	8.27e+02	3.88e+02	1.67e+05	2.24e+02	1.25e+05	8.82e+02	1.70e+02	5.82e+02	8.86e+03	1.06e+01	8.86e+03	9.41e+03	7.52e+02	0.00e+00	0.00e+00	8.40e-04	1.68e+02	
HW2S310FE	3.51e-04	2.36e+02	3.07e+05	2.88e+02	2.09e+03	0.00e+00	1.31e-04	7.99e-04	3.63e+01	3.94e+00	6.00e+02	1.58e+03	1.08e+05	2.85e+02	2.98e+03	1.25e+04	8.18e+01	8.21e+01	3.90e+00	1.33e+02	8.30e+02	3.96e+02	1.68e+05	2.25e+02	1.25e+05	8.86e+02	1.72e+02	5.82e+02	8.86e+03	1.06e+01	8.86e+03	9.49e+03	7.54e+02	0.00e+00	0.00e+00	8.91e-04	1.67e+02	
HW2S312DB	7.32e-04	4.27e+02	3.24e+05	4.47e+02	3.20e+05	0.00e+00	1.46e-04	9.74e-04	5.77e+01	6.30e+00	8.93e+02	3.88e+03	1.13e+05	6.80e+02	8.03e+03	2.03e+04	1.22e+00	1.17e-04	8.18e+00	1.89e+02	2.32e+02	1.42e-04	3.64e+02	3.35e+05	4.59e+02	2.12e+00	1.03e+01	2.92e+02	6.11e+02	1.48e+04	1.43e+01	1.48e+04	1.57e+04	9.05e+02	0.00e+00	0.00e+00	8.91e-04	3.49e+02
HW2S312DE	7.34e-04	4.28e+02	3.24e+05	4.49e+02	3.49e+05	0.00e+00	1.47e-04	9.74e-04	5.78e+01	6.32e+00	8.93e+02	3.89e+03	1.13e+05	6.82e+02	8.04e+03	2.03e+04	1.22e+00	1.17e-04	8.18e+00	1.89e+02	2.33e+02	1.42e-04	3.65e+02	3.38e+05	4.60e+02	2.13e+00	1.03e+01	2.93e+02	6.12e+02	1.48e+04	1.43e+01	1.48e+04	1.57e+04	9.05e+02	0.00e+00	0.00e+00	8.91e-04	3.58e+02
HW2S312FB	3.49e-04	2.37e+02	3.07e+05	2.88e+02	1.81e+03	0.00e+00	1.29e-04	7.75e-04	3.61e+01	3.92e+00	5.99e+02	1.58e+03	1.08e+05	2.85e+02	2.97e+03	1.17e+04	8.06e+01	8.18e+01	3.87e+00	1.32e+02	8.27e+02	3.88e+02	1.67e+05	2.24e+02	1.25e+05	8.82e+02	1.70e+02	5.82e+02	8.86e+03	1.06e+01	8.86e+03	9.41e+03	7.52e+02	0.00e+00	0.00e+00	8.40e-04	1.68e+02	
HW2S312FE	3.51e-04	2.36e+02	3.07e+05	2.88e+02	2.09e+03	0.00e+00	1.31e-04	7.99e-04	3.63e+01	3.94e+00	6.00e+02	1.58e+03	1.08e+05	2.85e+02	2.98e+03	1.25e+04	8.18e+01	8.21e+01	3.90e+00	1.33e+02	8.30e+02	3.96e+02	1.68e+05	2.25e+02	1.25e+05	8.86e+02	1.72e+02	5.82e+02	8.86e+03	1.06e+01	8.86e+03	9.49e+03	7.54e+02	0.00e+00	0.00e+00	8.91e-04	1.67e+02	
HW2S320DB	7.32e-04	4.27e+02	3.24e+05	4.47e+02	3.21e+05	0.00e+00	1.45e-04	9.73e-04	5.77e+01	6.30e+00	8.93e+02	3.88e+03	1.13e+05	6.80e+02	8.03e+03	2.03e+04	1.21e+00	1.17e-04	8.17e+00	1.89e+02	2.32e+02	1.42e-04	3.64e+02	3.35e+05	4.59e+02	2.12e+00	1.03e+01	2.91e+02	6.11e+02	1.48e+04	1.43e+01	1.48e+04	1.57e+04	9.03e+02	0.00e+00	0.00e+00	8.91e-04	3.49e+02
HW2S320DE	7.34e-04	4.28e+02	3.24e+05	4.49e+02																																		

HF4W440FSAH-MTS	9.78E+00	4.22E+02	-3.94E+01	4.43E+02	2.45E+03	0.00E+00	3.00E+03	6.00E+01	6.01E+01	6.61E+00	9.45E+01	5.74E+03	7.97E+00	1.02E+04	1.18E+04	1.04E+02	1.28E+00	5.79E+00	1.12E+01	1.98E+02	1.38E+04	5.83E+02	6.79E+03	6.01E+03	5.40E+00	1.07E+01	3.43E+01	6.16E+02	1.34E+04	2.28E+01	1.34E+04	1.43E+04	9.59E+02	0.00E+00	0.00E+00	0.00E+00	4.89E+02
HF4W4432FSAI-MTS	9.78E+00	4.22E+02	-3.94E+01	4.43E+02	2.48E+03	0.00E+00	1.20E+04	3.03E+02	6.00E+01	6.61E+00	9.45E+01	5.74E+03	7.97E+00	1.02E+04	1.18E+04	1.04E+02	1.28E+00	5.79E+00	1.12E+01	1.98E+02	1.27E+04	5.84E+02	6.79E+03	6.00E+03	2.40E+00	1.07E+01	3.34E+01	6.16E+02	1.33E+04	2.28E+01	1.33E+04	1.43E+04	9.51E+02	0.00E+00	0.00E+00	0.00E+00	4.89E+02
HF4W4440FSAI-MTS	9.78E+00	4.22E+02	-3.94E+01	4.43E+02	2.48E+03	0.00E+00	1.20E+04	3.03E+02	6.00E+01	6.61E+00	9.45E+01	5.74E+03	7.97E+00	1.02E+04	1.18E+04	1.04E+02	1.28E+00	5.79E+00	1.12E+01	1.98E+02	1.27E+04	5.84E+02	6.79E+03	6.00E+03	5.40E+00	1.07E+01	3.34E+01	6.16E+02	1.33E+04	2.28E+01	1.33E+04	1.43E+04	9.51E+02	0.00E+00	0.00E+00	0.00E+00	4.89E+02
HF4S4322FCJ-MTS	1.01E+01	5.03E+02	-2.80E+01	5.26E+02	2.78E+03	0.00E+00	2.69E+04	6.08E+02	6.53E+01	9.39E+00	9.33E+01	5.40E+03	7.48E+00	9.95E+00	1.13E+04	1.98E+02	1.26E+00	1.75E+01	1.19E+01	2.01E+02	1.49E+04	6.95E+02	4.30E+03	6.07E+03	3.03E+00	1.17E+01	3.88E+01	6.16E+02	1.55E+04	1.70E+01	1.19E+04	1.68E+04	1.00E+03	0.00E+00	0.00E+00	6.47E+04	5.13E+02
HF4S440FCCKI-MTS	1.01E+01	5.03E+02	-3.00E+01	5.26E+02	2.78E+03	0.00E+00	2.69E+04	6.08E+02	6.53E+01	9.39E+00	9.33E+01	5.40E+03	7.48E+00	9.95E+00	1.13E+04	1.98E+02	1.26E+00	1.75E+01	1.19E+01	2.01E+02	1.49E+04	6.95E+02	4.30E+03	6.07E+03	3.03E+00	1.17E+01	3.88E+01	6.16E+02	1.55E+04	1.70E+01	1.19E+04	1.68E+04	1.00E+03	0.00E+00	0.00E+00	6.47E+04	5.13E+02
HW4P4323FB	6.59E+00	4.29E+02	-4.55E+01	4.59E+02	2.56E+03	0.00E+00	2.59E+04	3.35E+02	7.47E+01	8.20E+00	7.96E+01	2.92E+03	6.66E+00	5.36E+00	5.29E+03	1.00E+00	1.28E+03	5.39E+00	1.61E+02	1.38E+04	5.95E+02	2.71E+03	3.98E+03	2.50E+00	1.11E+01	2.80E+01	6.02E+02	1.43E+04	1.33E+01	1.43E+04	1.53E+04	8.87E+02	0.00E+00	0.00E+00	8.17E+02	3.29E+02	
HW4P4323FE	6.59E+00	4.29E+02	-3.02E+01	4.57E+02	2.64E+03	0.00E+00	2.55E+04	3.15E+02	7.49E+01	8.22E+00	8.01E+01	2.92E+03	6.69E+00	5.36E+00	5.59E+03	1.10E+00	1.08E+00	1.28E+03	7.76E+00	1.59E+02	1.38E+04	6.02E+02	2.72E+03	3.97E+03	2.50E+00	1.11E+01	2.80E+01	6.02E+02	1.44E+04	1.33E+01	1.44E+04	1.53E+04	8.89E+02	0.00E+00	0.00E+00	8.18E+02	3.29E+02
HW4P4400DB	1.47E+01	7.51E+02	-1.79E+01	7.69E+02	4.30E+03	0.00E+00	2.89E+04	9.03E+02	1.14E+00	1.26E+01	1.30E+00	7.90E+03	1.29E+03	1.47E+04	1.68E+04	2.98E+02	1.77E+00	2.77E+01	1.74E+01	3.38E+02	2.33E+04	8.80E+02	5.93E+03	8.83E+03	4.17E+00	1.88E+01	5.81E+01	6.52E+02	2.42E+04	2.18E+01	2.42E+04	2.54E+04	1.22E+03	0.00E+00	0.00E+00	8.17E+02	7.48E+02
HW4P4400DE	1.47E+01	7.52E+02	-1.78E+01	7.70E+02	4.38E+03	0.00E+00	2.92E+04	9.03E+02	1.14E+00	1.27E+01	1.31E+00	7.90E+03	1.29E+03	1.47E+04	1.68E+04	2.99E+02	1.77E+00	2.77E+01	1.75E+01	3.38E+02	2.33E+04	8.97E+02	5.94E+03	8.84E+03	4.17E+00	1.87E+01	5.81E+01	6.52E+02	2.42E+04	2.18E+01	2.42E+04	2.54E+04	1.22E+03	0.00E+00	0.00E+00	8.18E+02	7.49E+02
HW4P4400FB	6.58E+00	4.29E+02	-3.02E+01	4.59E+02	2.56E+03	0.00E+00	2.59E+04	3.35E+02	7.47E+01	8.20E+00	7.96E+01	2.92E+03	6.66E+00	5.36E+00	5.59E+03	1.00E+00	1.28E+03	5.39E+00	1.61E+02	1.38E+04	5.95E+02	2.71E+03	3.98E+03	2.50E+00	1.11E+01	2.80E+01	6.02E+02	1.44E+04	1.33E+01	1.44E+04	1.53E+04	8.87E+02	0.00E+00	0.00E+00	8.17E+02	3.29E+02	
HW4P4400FE	6.59E+00	4.29E+02	-3.02E+01	4.57E+02	2.64E+03	0.00E+00	2.55E+04	3.15E+02	7.49E+01	8.22E+00	8.01E+01	2.92E+03	6.69E+00	5.36E+00	5.59E+03	1.10E+00	1.08E+00	1.28E+03	7.76E+00	1.59E+02	1.38E+04	6.02E+02	2.72E+03	3.97E+03	2.50E+00	1.11E+01	2.80E+01	6.02E+02	1.44E+04	1.33E+01	1.44E+04	1.53E+04	8.89E+02	0.00E+00	0.00E+00	8.18E+02	3.29E+02
HW4S3100DB	1.07E+01	5.78E+02	-1.30E+01	5.93E+02	3.87E+03	0.00E+00	1.75E+04	1.20E+02	6.87E+01	9.70E+00	1.11E+00	5.77E+03	1.21E+03	1.02E+04	1.21E+04	2.33E+02	1.50E+00	1.40E+02	1.15E+01	2.67E+02	1.79E+04	6.97E+02	6.62E+03	6.56E+03	3.25E+00	1.44E+01	3.72E+01	6.33E+02	1.82E+04	1.79E+01	1.82E+04	1.92E+04	1.02E+03	0.00E+00	0.00E+00	0.00E+00	4.95E+02
HW4S3100DE	1.07E+01	5.78E+02	-1.28E+01	5.96E+02	4.28E+03	0.00E+00	1.82E+04	1.19E+02	6.90E+01	9.85E+00	1.11E+00	5.77E+03	1.21E+03	1.02E+04	1.21E+04	2.49E+02	1.50E+00	1.40E+02	1.16E+01	2.70E+02	1.77E+04	7.12E+02	6.93E+03	6.60E+03	3.27E+00	1.44E+01	3.72E+01	6.33E+02	1.84E+04	1.79E+01	1.84E+04	1.94E+04	1.02E+03	0.00E+00	0.00E+00	0.00E+00	4.95E+02
HW4S3100FB	5.02E+00	3.27E+02	-2.77E+01	3.55E+02	2.16E+03	0.00E+00	1.53E+04	9.59E+01	6.52E+01	6.45E+00	6.87E+01	2.27E+03	6.64E+00	3.86E+00	4.43E+03	1.39E+00	9.30E+01	9.07E+01	3.28E+00	1.57E+02	1.03E+04	4.65E+02	2.25E+03	3.05E+03	1.96E+00	8.29E+02	1.50E+01	5.91E+02	1.06E+04	1.22E+01	1.06E+04	1.14E+04	7.83E+02	0.00E+00	0.00E+00	0.00E+00	2.27E+02
HW4S3100FE	5.06E+00	3.27E+02	-2.77E+01	3.55E+02	2.44E+03	0.00E+00	1.56E+04	1.01E+02	6.52E+01	6.46E+00	6.86E+01	2.27E+03	6.64E+00	3.86E+00	4.46E+03	1.47E+00	9.30E+01	9.11E+01	3.32E+00	1.56E+02	1.03E+04	4.72E+02	2.26E+03	3.07E+03	1.96E+00	8.30E+02	1.50E+01	5.91E+02	1.07E+04	1.22E+01	1.07E+04	1.14E+04	7.91E+02	0.00E+00	0.00E+00	0.00E+00	2.28E+02
HW4W416FS	6.24E+00	3.57E+02	-2.37E+01	3.81E+02	2.37E+03	0.00E+00	1.03E+04	8.75E+01	4.92E+01	5.59E+00	8.12E+01	3.31E+03	7.42E+00	5.58E+00	6.42E+03	1.54E+00	2.10E+00	1.03E+00	6.92E+00	1.92E+02	1.17E+04	5.58E+02	5.58E+03	3.93E+03	1.88E+00	1.02E+01	2.34E+01	6.03E+02	1.22E+04	1.91E+01	1.22E+04	1.31E+04	8.39E+02	0.00E+00	0.00E+00	8.40E+04	2.97E+02
HW4W4200DS	1.36E+01	6.59E+02	-4.50E+00	6.65E+02	4.44E+03	0.00E+00	1.30E+04	1.10E+02	6.55E+01	9.38E+00	1.27E+00	7.95E+03	1.43E+03	1.36E+04	1.67E+04	2.83E+02	1.72E+00	1.54E+00	1.50E+01	2.35E+02	1.99E+04	6.83E+02	5.79E+03	8.47E+03	3.33E+00	1.74E+01	4.73E+01	6.49E+02	2.03E+04	2.44E+01	2.03E+04	2.15E+04	1.12E+03	0.00E+00	0.00E+00	0.00E+00	6.44E+02
HW4P3400FB	5.58E+00	3.58E+02	-3.26E+01	3.70E+02	2.17E+03	0.00E+00	2.21E+04	2.38E+02	6.05E+01	6.63E+00	6.87E+01	2.21E+03	6.27E+00	4.08E+00	4.46E+03	8.38E+01	9.31E+01	1.04E+01	5.90E+00	1.80E+02	1.14E+04	4.71E+02	2.54E+03	3.12E+03	2.03E+00	1.98E+02	5.81E+01	6.52E+02	1.19E+04	1.00E+01	1.19E+04	1.27E+04	8.21E+02	0.00E+00	0.00E+00	6.25E+02	2.53E+02
HW4P3400FE	5.58E+00	3.58E+02	-3.26E+01	3.72E+02	2.45E+03	0.00E+00	2.25E+04	2.38E+02	6.07E+01	6.63E+00	6.88E+01	2.21E+03	6.27E+00	4.08E+00	4.47E+03	8.38E+01	9.31E+01	1.04E+01	5.90E+00	1.80E+02	1.14E+04	4.78E+02	2.55E+03	3.13E+03	2.02E+00	1.98E+02	5.81E+01	6.52E+02	1.19E+04	1.00E+01	1.19E+04	1.27E+04	8.21E+02	0.00E+00	0.00E+00	6.26E+02	2.53E+02
HW4W420FS	6.24E+00	3.57E+02	-2.37E+01	3.81E+02	2.37E+03	0.00E+00	1.03E+04	8.69E+01	4.91E+01	5.59E+00	8.12E+01	3.31E+03	7.42E+00	5.58E+00	6.42E+03	1.54E+00	2.10E+00	1.03E+00	6.92E+00	1.92E+02	1.17E+04	5.58E+02	5.58E+03	3.93E+03	1.88E+00	1.02E+01	2.34E+01	6.03E+02	1.22E+04	1.91E+01	1.22E+04	1.30E+04	8.37E+02	0.00E+00	0.00E+00	8.40E+04	2.97E+02
HW4W4250DS	1.36E+01	6.59E+02	-4.50E+00	6.65E+02	4.44E+03	0.00E+00	1.30E+04	1.10E+02	6.55E+01	9.38E+00	1.27E+00	7.95E+03	1.43E+03	1.36E+04	1.67E+04	2.83E+02	1.72E+00	1.54E+00	1.50E+01	2.35E+02	1.99E+04	6.83E+02	5.79E+03	8.47E+03	3.33E+00	1.74E+01	4.73E+01	6.49E+02	2.03E+04	2.44E+01	2.03E+04	2.15E+04	1.12E+03	0.00E+00	0.00E+00	0.00E+00	6.44E+02
HW4W425FS	6.25E+00	3.58E+02	-2.37E+01	3.81E+02	2.37E+03	0.00E+00	1.08E+04	8.84E+01	4.92E+01	5.58E+00	8.13E+01	3.31E+03	7.42E+00	5.59E+00	6.42E+03	1.53E+00	2.10E+00	9.99E+01	6.92E+00	1.92E+02	1.17E+04	5.59E+02	5.58E+03	3.93E+03	1.88E+00	1.02E+01	2.34E+01	6.03E+02	1.22E+04	1.91E+01	1.22E+04	1.31E+04	8.37E+02	0.00E+00	0.00E+00	0.00E+00	2.97E+02
HW4W4320DS	1.36E+01	6.68E+02	-4.80E+00	6.73E+02	4.47E+03	0.00E+00	1.30E+04	1.11E+02	6.65E+01	9.44E+00	1.27E+00	7.95E+03	1.43E+03	1.36E+04	1.67E+04	2.83E+02	1.72E+00	1.54E+00	1.51E+01	2.35E+02	1.99E+04	6.83E+02	5.82E+03	8.52E+03	3.35E+00	1.94E+01	4.85E+01	6.49E+02	2.05E+04	2.44E+01	2.05E+04	2.16E+04	1.14E+03	0.00E+00	0.00E+00	0.00E+00	6.47E+02
HW4W432FS	6.27E+00	3.60E+02	-3.26E+01	3.88E+02	2.75E+03	0.00E+00	1.88E+04	8.40E+01	4.86E+01	5.64E+00	8.12E+01	3.31E+03	7.42E+00	5.59E+00	6.42E+03	1.79E+00	1.10E+00	9.99E+01	6.97E+00	1.91E+02	1.18E+04	5.67E+02	5.58E+03	3.94E+03	1.88E+00	1.15E+01	2.40E+01	6.50E+02	1.28E+04	1.91E+01	1.28E+04	1.33E+04	8.51E+02	0.00E+00	0.00E+00	0.00E+00	2.99E+02
HW4W4400DS	1.36E+01	6.68E+02	-4.80E+00	6.73E+02	4.44E+03	0.00E+00	1.30E+04	1.11E+02	6.65E+01	9.44E+00	1.27E+00	7.95E+03	1.43E+03	1.36E+04	1.67E+04	2.83E+02	1.72E+00	1.54E+00	1.51E+01	2.35E+02	1.99E+04	6.83E+02	5.82E+03	8.52E+03	3.35E+00	1.94E+01	4.85E+01	6.49E+02	2.05E+04								

HW4W340DS	1.05E+01	5.33E+02	1.26E+02	5.48E+02	3.72E+03	0.00E+00	1.13E+01	8.88E+04	7.05E+01	7.72E+02	1.07E+00	5.99E+02	1.17E+02	1.04E+04	1.29E+04	2.48E+02	1.45E+00	1.30E+00	1.13E+02	2.82E+02	1.84E+04	6.75E+02	4.48E+02	6.57E+02	2.75E+00	1.53E+01	3.83E+02	6.29E+02	1.71E+04	1.84E+02	1.71E+04	1.82E+04	1.02E+02	0.00E+00	0.00E+00	0.00E+00	4.97E+02
HW4W340FS	4.55E+00	2.82E+02	2.77E+02	3.59E+02	2.21E+03	0.00E+00	9.10E+00	5.47E+04	4.08E+01	4.42E+02	6.83E+01	2.24E+02	6.22E+01	3.79E+02	4.32E+02	1.47E+02	8.97E+01	5.10E+00	1.98E+02	6.93E+01	4.44E+02	2.06E+02	2.87E+02	1.45E+00	9.00E+02	1.59E+01	5.88E+02	9.80E+02	1.22E+02	9.80E+02	1.06E+04	7.78E+02	0.00E+00	0.00E+00	0.00E+00	2.13E+02	
HW4W410DS	1.36E+01	8.64E+02	4.81E+02	6.98E+02	4.44E+03	0.00E+00	1.30E+01	1.09E+03	8.57E+01	8.40E+02	1.27E+00	7.55E+02	1.43E+02	1.38E+04	1.87E+04	3.08E+02	1.72E+00	1.54E+00	1.55E+02	3.54E+02	1.95E+04	8.58E+02	5.82E+02	8.49E+02	3.34E+00	1.94E+01	4.80E+02	6.49E+02	2.03E+04	2.44E+02	2.03E+04	2.15E+04	1.13E+02	0.00E+00	0.00E+00	0.00E+00	6.48E+02
HW4W410FS	6.25E+03	3.83E+02	3.39E+02	3.94E+02	2.75E+03	0.00E+00	1.50E+04	6.25E+04	4.93E+01	5.71E+02	8.13E+01	3.21E+02	7.42E+01	5.58E+02	6.17E+02	1.70E+02	9.90E+00	6.99E+00	2.12E+02	1.95E+04	5.78E+02	6.47E+02	3.32E+00	1.74E+01	4.73E+02	6.49E+02	2.03E+04	2.44E+02	2.03E+04	2.15E+04	1.12E+02	0.00E+00	0.00E+00	0.00E+00	2.98E+02		
HW4W412DS	1.36E+01	8.58E+02	4.50E+02	6.93E+02	4.44E+03	0.00E+00	1.30E+04	1.10E+03	8.55E+01	8.38E+02	1.27E+00	7.55E+02	1.43E+02	1.38E+04	1.87E+04	2.83E+02	1.72E+00	1.54E+00	1.55E+02	3.25E+02	1.95E+04	8.58E+02	5.78E+02	8.47E+02	3.32E+00	1.74E+01	4.73E+02	6.49E+02	2.03E+04	2.44E+02	2.03E+04	2.15E+04	1.12E+02	0.00E+00	0.00E+00	0.00E+00	6.44E+02
HW4W412FS	6.24E+03	3.57E+02	2.37E+02	3.81E+02	2.37E+03	0.00E+00	1.02E+04	6.69E+04	4.93E+01	5.36E+02	8.12E+01	3.11E+02	7.42E+01	5.58E+02	6.42E+02	1.54E+02	1.12E+00	3.01E+00	6.20E+00	1.92E+02	1.17E+04	5.58E+02	5.36E+02	3.90E+02	1.88E+00	1.09E+01	2.34E+02	6.43E+02	1.22E+04	1.92E+02	1.22E+04	1.30E+04	8.37E+02	0.00E+00	0.00E+00	8.49E+04	2.97E+02
HW4W416DS	1.36E+01	8.59E+02	4.50E+02	6.93E+02	4.44E+03	0.00E+00	1.30E+04	1.10E+03	8.55E+01	8.38E+02	1.27E+00	7.55E+02	1.43E+02	1.38E+04	1.87E+04	2.83E+02	1.72E+00	1.54E+00	1.55E+02	3.25E+02	1.95E+04	8.58E+02	5.78E+02	8.47E+02	3.32E+00	1.74E+01	4.73E+02	6.49E+02	2.03E+04	2.44E+02	2.03E+04	2.15E+04	1.12E+02	0.00E+00	0.00E+00	0.00E+00	6.44E+02
HW4S410DB	1.42E+01	7.21E+02	6.58E+02	7.28E+02	4.23E+03	0.00E+00	2.07E+04	1.51E+03	1.08E+00	1.29E+02	1.31E+00	7.66E+02	1.47E+02	1.40E+04	1.88E+04	2.83E+02	1.77E+00	1.64E+00	1.54E+02	3.28E+02	2.06E+04	8.81E+02	5.77E+02	8.74E+02	3.89E+00	1.77E+01	5.04E+02	6.52E+02	2.15E+04	2.45E+02	2.15E+04	2.27E+04	1.14E+02	0.00E+00	0.00E+00	8.17E+02	6.61E+02
HW4S410DB	1.42E+01	7.23E+02	6.59E+02	7.28E+02	4.23E+03	0.00E+00	2.10E+04	1.50E+03	1.08E+00	1.29E+02	1.31E+00																										

HW4E410FE	6.48E+00	4.15E+02	2.41E+03	4.39E+02	2.82E+03	0.00E+00	1.88E+04	1.24E+03	7.41E+03	8.08E+00	8.02E+01	2.90E+02	7.39E+04	5.11E+05	5.88E+03	1.78E+05	1.09E+04	1.06E+00	6.77E+00	1.87E+02	1.24E+04	5.90E+02	2.74E+05	3.93E+05	2.46E+02	1.05E+01	2.59E+02	6.02E+02	1.30E+04	1.62E+01	1.30E+04	1.39E+04	8.62E+02	0.00E+00	0.00E+00	8.18E+03	2.91E+02
HW4E4120B	1.42E+01	7.21E+02	5.90E+00	7.28E+02	4.23E+03	0.00E+00	2.07E+04	1.51E+03	1.09E+00	1.20E+03	1.30E+00	7.90E+03	1.47E+05	1.40E+04	1.68E+04	2.93E+03	1.77E+00	1.54E+01	3.26E+03	2.08E+04	8.81E+02	5.87E+05	8.74E+05	3.98E+00	1.77E+01	5.04E+02	6.52E+02	2.15E+04	2.45E+01	2.35E+04	2.27E+04	1.16E+03	0.00E+00	0.00E+00	8.17E+03	8.61E+02	
HW4E4120E	6.41E+01	7.28E+02	6.03E+00	7.28E+02	4.51E+03	0.00E+00	2.10E+04	1.55E+03	1.10E+00	1.20E+03	1.31E+00	7.90E+03	1.47E+05	1.45E+04	1.68E+04	2.91E+03	1.77E+00	1.54E+01	3.30E+03	2.08E+04	8.89E+02	5.88E+05	8.75E+05	3.98E+00	1.77E+01	5.04E+02	6.52E+02	2.15E+04	2.45E+01	2.35E+04	2.27E+04	1.16E+03	0.00E+00	0.00E+00	8.18E+03	8.61E+02	
HW4E4121FB	1.41E+01	7.21E+02	5.90E+00	7.28E+02	4.23E+03	0.00E+00	2.07E+04	1.51E+03	1.09E+00	1.20E+03	1.30E+00	7.90E+03	1.47E+05	1.40E+04	1.68E+04	2.93E+03	1.77E+00	1.54E+01	3.26E+03	2.08E+04	8.81E+02	5.87E+05	8.74E+05	3.98E+00	1.77E+01	5.04E+02	6.52E+02	2.15E+04	2.45E+01	2.35E+04	2.27E+04	1.16E+03	0.00E+00	0.00E+00	8.17E+03	8.61E+02	
HW4E4121FE	6.48E+00	4.17E+02	2.40E+03	4.42E+02	2.81E+03	0.00E+00	1.88E+04	1.17E+03	7.42E+03	8.09E+00	8.02E+01	2.90E+02	7.39E+04	5.12E+05	5.88E+03	1.88E+05	1.09E+04	1.04E+00	6.78E+00	1.86E+02	1.24E+04	6.04E+02	2.74E+05	3.93E+05	2.46E+02	1.06E+01	2.61E+02	6.02E+02	1.30E+04	1.62E+01	1.30E+04	1.39E+04	8.64E+02	0.00E+00	0.00E+00	9.12E+03	2.91E+02
HW4E3120DB	1.07E+01	5.78E+02	5.36E+03	5.91E+02	3.67E+03	0.00E+00	1.75E+04	1.29E+03	8.87E+03	9.70E+00	1.11E+00	5.77E+03	1.21E+05	1.02E+04	1.21E+04	2.46E+03	1.50E+00	1.40E+00	1.15E+01	2.67E+02	1.75E+04	6.97E+02	6.92E+05	6.58E+05	3.28E+00	1.44E+01	3.72E+02	6.33E+02	1.92E+04	1.76E+01	1.82E+04	1.92E+04	1.00E+03	0.00E+00	0.00E+00	9.00E+03	4.95E+02
HW4E3121DE	1.07E+01	5.81E+02	5.41E+03	5.96E+02	3.68E+03	0.00E+00	1.82E+04	1.19E+03	9.00E+03	9.85E+00	1.11E+00	5.77E+03	1.21E+05	1.02E+04	1.21E+04	2.46E+03	1.50E+00	1.38E+00	1.16E+01	2.70E+02	1.77E+04	7.12E+02	6.93E+05	6.60E+05	3.27E+00	1.44E+01	3.87E+02	6.33E+02	1.94E+04	1.79E+01	1.84E+04	1.94E+04	1.02E+03	0.00E+00	0.00E+00	9.12E+03	4.96E+02
HW4E3121FB	5.02E+00	3.27E+02	2.77E+03	3.55E+02	2.16E+03	0.00E+00	1.93E+04	9.95E+04	5.92E+03	6.45E+00	6.87E+01	2.27E+03	6.64E+04	3.88E+05	4.43E+03	1.36E+05	3.36E+01	9.07E+01	5.28E+00	1.37E+02	1.01E+04	4.65E+02	2.15E+05	3.07E+05	1.96E+00	8.46E+01	2.82E+02	5.91E+02	1.96E+04	1.22E+01	1.07E+04	1.14E+04	1.94E+04	1.02E+03	0.00E+00	0.00E+00	2.27E+02
HW4E3121FE	5.00E+00	3.26E+02	2.76E+03	3.56E+02	2.17E+03	0.00E+00	1.93E+04	9.94E+04	5.90E+03	6.46E+00	6.8																										

HW1M316ZB	3.00E+00	1.88E+02	2.20E+02	2.23E+02	8.75E-04	0.00E+00	2.70E+04	7.87E-03	5.97E+01	6.52E+00	2.84E-02	1.34E+03	1.34E+00	2.00E+00	2.09E+02	2.55E+03	3.85E-01	2.00E+00	2.13E+00	4.82E+01	3.84E+03	9.96E+01	1.82E+00	1.55E+00	1.77E+00	2.54E+02	1.36E+02	3.55E+02	4.04E+03	9.88E+02	4.04E+03	4.51E+03	4.71E+02	0.00E+00	0.00E+00	0.00E+00	9.97E+01
HW1N304ZB	3.00E+00	1.88E+02	2.20E+02	2.23E+02	8.75E-04	0.00E+00	2.70E+04	7.87E-03	5.97E+01	6.52E+00	2.84E-02	1.34E+03	1.34E+00	2.00E+00	2.09E+02	2.55E+03	3.85E-01	2.00E+00	2.13E+00	4.82E+01	3.84E+03	9.96E+01	1.82E+00	1.55E+00	1.77E+00	2.54E+02	1.36E+02	3.55E+02	4.04E+03	9.88E+02	4.04E+03	4.51E+03	4.71E+02	0.00E+00	0.00E+00	0.00E+00	9.97E+01
HW1N306ZB	3.00E+00	1.88E+02	2.20E+02	2.23E+02	8.75E-04	0.00E+00	2.70E+04	7.87E-03	5.97E+01	6.52E+00	2.84E-02	1.34E+03	1.34E+00	2.00E+00	2.09E+02	2.55E+03	3.85E-01	2.00E+00	2.13E+00	4.82E+01	3.84E+03	9.96E+01	1.82E+00	1.55E+00	1.77E+00	2.54E+02	1.36E+02	3.55E+02	4.04E+03	9.88E+02	4.04E+03	4.51E+03	4.71E+02	0.00E+00	0.00E+00	0.00E+00	9.97E+01
HW1N308ZB	3.00E+00	1.88E+02	2.20E+02	2.23E+02	8.75E-04	0.00E+00	2.70E+04	7.87E-03	5.97E+01	6.52E+00	2.84E-02	1.34E+03	1.34E+00	2.00E+00	2.09E+02	2.55E+03	3.85E-01	2.00E+00	2.13E+00	4.82E+01	3.84E+03	9.96E+01	1.82E+00	1.55E+00	1.77E+00	2.54E+02	1.36E+02	3.55E+02	4.04E+03	9.88E+02	4.04E+03	4.51E+03	4.71E+02	0.00E+00	0.00E+00	0.00E+00	9.97E+01
HW1N310ZB	3.00E+00	1.88E+02	2.20E+02	2.23E+02	8.75E-04	0.00E+00	2.70E+04	7.87E-03	5.97E+01	6.52E+00	2.84E-02	1.34E+03	1.34E+00	2.00E+00	2.09E+02	2.55E+03	3.85E-01	2.00E+00	2.13E+00	4.82E+01	3.84E+03	9.96E+01	1.82E+00	1.55E+00	1.77E+00	2.54E+02	1.36E+02	3.55E+02	4.04E+03	9.88E+02	4.04E+03	4.51E+03	4.71E+02	0.00E+00	0.00E+00	0.00E+00	9.97E+01
HW1N312ZB	3.00E+00	1.88E+02	2.20E+02	2.23E+02	8.75E-04	0.00E+00	2.70E+04	7.87E-03	5.97E+01	6.52E+00	2.84E-02	1.34E+03	1.34E+00	2.00E+00	2.09E+02	2.55E+03	3.85E-01	2.00E+00	2.13E+00	4.82E+01	3.84E+03	9.96E+01	1.82E+00	1.55E+00	1.77E+00	2.54E+02	1.36E+02	3.55E+02	4.04E+03	9.88E+02	4.04E+03	4.51E+03	4.71E+02	0.00E+00	0.00E+00	0.00E+00	9.97E+01
HW1N316ZB	3.00E+00	1.88E+02	2.20E+02	2.23E+02	8.75E-04	0.00E+00	2.70E+04	7.87E-03	5.97E+01	6.52E+00	2.84E-02	1.34E+03	1.34E+00	2.00E+00	2.09E+02	2.55E+03	3.85E-01	2.00E+00	2.13E+00	4.82E+01	3.84E+03	9.96E+01	1.82E+00	1.55E+00	1.77E+00	2.54E+02	1.36E+02	3.55E+02	4.04E+03	9.88E+02	4.04E+03	4.51E+03	4.71E+02	0.00E+00	0.00E+00	0.00E+00	9.97E+01
HW1E304ZE	3.00E+00	1.90E+02	2.20E+02	2.23E+02	8.49E-04	0.00E+00	2.71E+04	7.88E-03	5.99E+01	6.56E+00	2.86E-02	1.34E+03	1.36E+00	2.02E+00	2.12E+02	2.54E+03	3.87E-01	2.00E+00	2.18E+00	4.85E+01	3.86E+03	1.03E+02	1.85E+00	1.57E+00	1.77E+00	2.55E+02	1.17E+02	3.55E+02	4.06E+03	9.88E+02	4.08E+03	4.56E+03	4.72E+02	0.00E+00	0.00E+00	0.00E+00	9.97E+01
HW1E306ZE	3.00E+00	1.90E+02	2.20E+02	2.23E+02	8.49E-04	0.00E+00	2.71E+04	7.88																													

[illegible]

Distribution A4	HW4E340ZB	7.85E+00	3.79E+02	-3.71E+01	3.98E+02	2.20E+03	0.00E+00	1.66E+04	4.82E+02	6.28E+01	6.93E+00	7.08E+01	4.21E+03	6.93E+00	7.80E+02	8.89E+03	1.80E+02	9.58E+01	1.26E+03	8.99E+00	1.88E+02	1.12E+04	4.08E+02	3.16E+03	4.71E+03	2.26E+03	1.06E+01	3.38E+03	4.36E+02	1.18E+04	1.26E+01	1.16E+04	1.23E+04	7.54E+02	0.00E+00	0.00E+00	4.47E+02	3.98E+02
	HW4P332ZB	7.85E+00	3.79E+02	-3.71E+01	3.98E+02	2.20E+03	0.00E+00	1.66E+04	4.82E+02	6.28E+01	6.93E+00	7.08E+01	4.21E+03	6.93E+00	7.80E+02	8.89E+03	1.80E+02	9.58E+01	1.26E+03	8.99E+00	1.88E+02	1.12E+04	4.08E+02	3.16E+03	4.71E+03	2.26E+03	1.06E+01	3.38E+03	4.36E+02	1.18E+04	1.26E+01	1.16E+04	1.23E+04	7.54E+02	0.00E+00	0.00E+00	4.47E+02	3.98E+02
	HW4P340ZB	7.85E+00	3.79E+02	-3.71E+01	3.98E+02	2.20E+03	0.00E+00	1.66E+04	4.82E+02	6.28E+01	6.93E+00	7.08E+01	4.21E+03	6.93E+00	7.80E+02	8.89E+03	1.80E+02	9.58E+01	1.26E+03	8.99E+00	1.88E+02	1.12E+04	4.08E+02	3.16E+03	4.71E+03	2.26E+03	1.06E+01	3.38E+03	4.36E+02	1.18E+04	1.26E+01	1.16E+04	1.23E+04	7.54E+02	0.00E+00	0.00E+00	4.47E+02	3.98E+02
	HW4S332ZB	7.85E+00	3.79E+02	-3.71E+01	3.98E+02	2.20E+03	0.00E+00	1.66E+04	4.82E+02	6.28E+01	6.93E+00	7.08E+01	4.21E+03	6.93E+00	7.80E+02	8.89E+03	1.80E+02	9.58E+01	1.26E+03	8.99E+00	1.88E+02	1.12E+04	4.08E+02	3.16E+03	4.71E+03	2.26E+03	1.06E+01	3.38E+03	4.36E+02	1.18E+04	1.26E+01	1.16E+04	1.23E+04	7.54E+02	0.00E+00	0.00E+00	4.47E+02	3.98E+02
	HW4S340ZB	7.85E+00	3.79E+02	-3.71E+01	3.98E+02	2.20E+03	0.00E+00	1.66E+04	4.82E+02	6.28E+01	6.93E+00	7.08E+01	4.21E+03	6.93E+00	7.80E+02	8.89E+03	1.80E+02	9.58E+01	1.26E+03	8.99E+00	1.88E+02	1.12E+04	4.08E+02	3.16E+03	4.71E+03	2.26E+03	1.06E+01	3.38E+03	4.36E+02	1.18E+04	1.26E+01	1.16E+04	1.23E+04	7.54E+02	0.00E+00	0.00E+00	4.47E+02	3.98E+02
	HW4E320ZB	7.85E+00	3.79E+02	-3.71E+01	3.98E+02	2.20E+03	0.00E+00	1.66E+04	4.82E+02	6.28E+01	6.93E+00	7.08E+01	4.21E+03	6.93E+00	7.80E+02	8.89E+03	1.80E+02	9.58E+01	1.26E+03	8.99E+00	1.88E+02	1.12E+04	4.08E+02	3.16E+03	4.71E+03	2.26E+03	1.06E+01	3.38E+03	4.36E+02	1.18E+04	1.26E+01	1.16E+04	1.23E+04	7.54E+02	0.00E+00	0.00E+00	4.47E+02	3.98E+02
	HW4E325ZB	7.85E+00	3.79E+02	-3.71E+01	3.98E+02	2.20E+03	0.00E+00	1.66E+04	4.82E+02	6.28E+01	6.93E+00	7.08E+01	4.21E+03	6.93E+00	7.80E+02	8.89E+03	1.80E+02	9.58E+01	1.26E+03	8.99E+00	1.88E+02	1.12E+04	4.08E+02	3.16E+03	4.71E+03	2.26E+03	1.06E+01	3.38E+03	4.36E+02	1.18E+04	1.26E+01	1.16E+04	1.23E+04	7.54E+02	0.00E+00	0.00E+00	4.47E+02	3.98E+02
	HW4P320ZB	7.85E+00	3.79E+02	-3.71E+01	3.98E+02	2.20E+03	0.00E+00	1.66E+04	4.82E+02	6.28E+01	6.93E+00	7.08E+01	4.21E+03	6.93E+00	7.80E+02	8.89E+03	1.80E+02	9.58E+01	1.26E+03	8.99E+00	1.88E+02	1.12E+04	4.08E+02	3.16E+03	4.71E+03	2.26E+03	1.06E+01	3.38E+03	4.36E+02	1.18E+04	1.26E+01	1.16E+04	1.23E+04	7.54E+02	0.00E+00	0.00E+00	4.47E+02	3.98E+02

HW1E308DB	6.75e-02	1.06E+01	0.00E+00	1.06E+01	0.00E+00	0.00E+00	6.98E+00	4.00E+00	3.18E-02	3.47E-05	0.00E+00	0.00E+00	1.87E+10	3.62E+00	2.60E-02	0.00E+00	0.00E+00	0.00E+00	9.43E+04	3.74E-05	1.49E+02	0.00E+00	1.63E+08	5.49E-07	8.76E-02	2.67E-04	1.98E+01	0.00E+00	1.49E+02	4.20E-07	1.49E+02	1.49E+02	1.98E+01	0.00E+00	0.00E+00	0.00E+00	4.20E-02
HW1E308DE	6.58E-02	1.04E+01	0.00E+00	1.04E+01	0.00E+00	0.00E+00	6.81E+00	3.90E+00	3.59E-02	3.36E-05	0.00E+00	0.00E+00	1.83E+10	3.53E+00	2.52E-02	0.00E+00	0.00E+00	0.00E+00	9.19E+04	3.65E-05	1.45E+02	0.00E+00	1.59E+08	5.35E-07	8.54E-02	2.60E-04	1.94E+01	0.00E+00	1.45E+02	4.06E-07	1.45E+02	1.45E+02	1.94E+01	0.00E+00	0.00E+00	0.00E+00	3.95E-02
HW1E308FB	4.42E-02	6.97E+00	0.00E+00	6.97E+00	0.00E+00	0.00E+00	4.57E+00	2.62E+00	2.07E-02	2.27E-05	0.00E+00	0.00E+00	1.23E+10	2.37E+00	1.70E-02	0.00E+00	0.00E+00	0.00E+00	6.17E+04	2.45E-05	9.73E+01	0.00E+00	1.07E+08	3.59E-07	5.73E-02	1.74E+04	1.30E+01	0.00E+00	9.73E+01	2.75E-07	9.73E+01	9.74E+01	1.30E+01	0.00E+00	0.00E+00	0.00E+00	2.65E-02
HW1E308FE	4.42E-02	6.97E+00	0.00E+00	6.97E+00	0.00E+00	0.00E+00	4.57E+00	2.62E+00	2.07E-02	2.27E-05	0.00E+00	0.00E+00	1.23E+10	2.37E+00	1.70E-02	0.00E+00	0.00E+00	0.00E+00	6.17E+04	2.45E-05	9.73E+01	0.00E+00	1.07E+08	3.59E-07	5.73E-02	1.74E+04	1.30E+01	0.00E+00	9.73E+01	2.75E-07	9.73E+01	9.74E+01	1.30E+01	0.00E+00	0.00E+00	0.00E+00	2.65E-02
HW1E310DB	6.75E-02	1.06E+01	0.00E+00	1.06E+01	0.00E+00	0.00E+00	6.98E+00	4.00E+00	3.18E-02	3.47E-05	0.00E+00	0.00E+00	1.87E+10	3.62E+00	2.60E-02	0.00E+00	0.00E+00	0.00E+00	9.43E+04	3.74E-05	1.49E+02	0.00E+00	1.63E+08	5.49E-07	8.76E-02	2.67E-04	1.98E+01	0.00E+00	1.49E+02	4.20E-07	1.49E+02	1.49E+02	1.98E+01	0.00E+00	0.00E+00	0.00E+00	4.20E-02
HW1E310DE	7.06E-02	1.11E+01	0.00E+00	1.11E+01	0.00E+00	0.00E+00	7.31E+00	4.18E+00	3.31E-02	3.63E-05	0.00E+00	0.00E+00	1.96E+10	3.79E+00	2.72E-02	0.00E+00	0.00E+00	0.00E+00	9.86E+04	3.92E-05	1.56E+02	0.00E+00	1.71E+08	5.79E-07	9.16E-02	2.79E-04	2.08E+01	0.00E+00	1.56E+02	3.36E-07	1.56E+02	1.56E+02	2.08E+01	0.00E+00	0.00E+00	0.00E+00	4.24E-02
HW1E310FB	4.42E-02	6.97E+00	0.00E+00	6.97E+00	0.00E+00	0.00E+00	4.57E+00	2.62E+00	2.07E-02	2.27E-05	0.00E+00	0.00E+00	1.23E+10	2.37E+00	1.70E-02	0.00E+00	0.00E+00	0.00E+00	6.17E+04	2.45E-05	9.73E+01	0.00E+00	1.07E+08	3.59E-07	5.73E-02	1.74E+04	1.30E+01	0.00E+00	9.73E+01	2.75E-07	9.73E+01	9.74E+01	1.30E+01	0.00E+00	0.00E+00	0.00E+00	2.65E-02
HW1E310FE	1.56E-02	2.47E+00	0.00E+00	2.47E+00	0.00E+00	0.00E+00	1.62E+00	9.26E-07	7.32E-03	6.04E-03	0.00E+00	0.00E+00	4.34E-11	8.46E-12	6.01E-03	0.00E+00	0.00E+00	0.00E+00	2.12E+04	6.67E-05	3.45E+01	0.00E+00	3.76E+09	1.27E-07	7.03E-02	6.17E+09	4.60E+02	0.00E+00	3.45E+01	9.71E+09	3.45E+01	4.60E+02	0.00E+00	0.00E+00	0.00E+00	9.38E-03	
HW1E312DB	6.75E-02	1.06E+01	0.00E+00	1.06E+01	0.00E+00	0.00E+00	6.98E+00	4.00E+00	3.18E-02																												

HW1M416FE	4.75e-02	7.49e-02	0.00e+00	7.49e-02	0.00e+00	0.00e+00	4.92e-02	2.82e-02	2.23e-02	2.44e-02	0.00e+00	0.00e+00	1.32e-02	2.55e-02	1.83e-02	0.00e+00	0.00e+00	0.00e+00	6.83e-02	2.83e-02	1.05e-02	0.00e+00	1.15e-02	3.89e-02	6.13e-02	1.88e-02	1.42e-02	0.00e+00	1.05e-02	2.95e-02	1.05e-02	1.42e-02	0.00e+00	0.00e+00	2.89e-02
HW1N304DB	6.75e-02	1.08e-01	0.00e+00	1.08e-01	0.00e+00	0.00e+00	6.98e-02	4.00e-02	3.18e-02	3.47e-02	0.00e+00	0.00e+00	1.87e-02	3.62e-02	2.60e-02	0.00e+00	0.00e+00	0.00e+00	9.43e-02	3.74e-02	1.49e-02	0.00e+00	1.83e-02	5.49e-02	8.79e-02	2.67e-02	1.99e-02	0.00e+00	1.49e-02	4.20e-02	1.49e-02	1.99e-02	0.00e+00	0.00e+00	4.05e-02
HW1N304DE	6.58e-02	1.04e-01	0.00e+00	1.04e-01	0.00e+00	0.00e+00	6.81e-02	3.90e-02	3.09e-02	3.38e-02	0.00e+00	0.00e+00	1.83e-02	3.53e-02	2.53e-02	0.00e+00	0.00e+00	0.00e+00	9.18e-02	3.65e-02	1.45e-02	0.00e+00	1.58e-02	5.35e-02	8.54e-02	2.60e-02	1.94e-02	0.00e+00	1.45e-02	4.08e-02	1.45e-02	1.94e-02	0.00e+00	0.00e+00	3.95e-02
HW1N304FB	4.42e-02	6.97e-02	0.00e+00	6.97e-02	0.00e+00	0.00e+00	4.57e-02	2.62e-02	2.07e-02	2.27e-02	0.00e+00	0.00e+00	1.23e-02	2.37e-02	1.70e-02	0.00e+00	0.00e+00	0.00e+00	6.17e-02	2.45e-02	0.73e-02	0.00e+00	1.07e-02	3.59e-02	5.73e-02	1.74e-02	1.30e-02	0.00e+00	0.73e-02	2.75e-02	0.73e-02	1.30e-02	0.00e+00	0.00e+00	2.65e-02
HW1N304FE	4.42e-02	6.97e-02	0.00e+00	6.97e-02	0.00e+00	0.00e+00	4.57e-02	2.62e-02	2.07e-02	2.27e-02	0.00e+00	0.00e+00	1.23e-02	2.37e-02	1.70e-02	0.00e+00	0.00e+00	0.00e+00	6.17e-02	2.45e-02	0.73e-02	0.00e+00	1.07e-02	3.59e-02	5.73e-02	1.74e-02	1.30e-02	0.00e+00	0.73e-02	2.75e-02	0.73e-02	1.30e-02	0.00e+00	0.00e+00	2.65e-02
HW1N306DB	6.75e-02	1.08e-01	0.00e+00	1.08e-01	0.00e+00	0.00e+00	6.98e-02	4.00e-02	3.18e-02	3.47e-02	0.00e+00	0.00e+00	1.87e-02	3.62e-02	2.60e-02	0.00e+00	0.00e+00	0.00e+00	9.43e-02	3.74e-02	1.49e-02	0.00e+00	1.83e-02	5.49e-02	8.79e-02	2.67e-02	1.99e-02	0.00e+00	1.49e-02	4.20e-02	1.49e-02	1.99e-02	0.00e+00	0.00e+00	4.05e-02
HW1N306DE	6.58e-02	1.04e-01	0.00e+00	1.04e-01	0.00e+00	0.00e+00	6.81e-02	3.90e-02	3.09e-02	3.38e-02	0.00e+00	0.00e+00	1.83e-02	3.53e-02	2.53e-02	0.00e+00	0.00e+00	0.00e+00	9.18e-02	3.65e-02	1.45e-02	0.00e+00	1.58e-02	5.35e-02	8.54e-02	2.60e-02	1.94e-02	0.00e+00	1.45e-02	4.08e-02	1.45e-02	1.94e-02	0.00e+00	0.00e+00	3.95e-02
HW1N306FB	4.42e-02	6.97e-02	0.00e+00	6.97e-02	0.00e+00	0.00e+00	4.57e-02	2.62e-02	2.07e-02	2.27e-02	0.00e+00	0.00e+00	1.23e-02	2.37e-02	1.70e-02	0.00e+00	0.00e+00	0.00e+00	6.17e-02	2.45e-02	0.73e-02	0.00e+00	1.07e-02	3.59e-02	5.73e-02	1.74e-02	1.30e-02	0.00e+00	0.73e-02	2.75e-02	0.73e-02	1.30e-02	0.00e+00	0.00e+00	2.65e-02
HW1N306FE	4.42e-02	6.97e-02	0.00e+00	6.97e-02	0.00e+00	0.00e+00	4.57e-02	2.62e-02	2.07e-02	2.27e-02	0.00e+00	0.00e+00	1.23e-02	2.37e-02	1.70e-02	0.00e+00	0.00e+00	0.00e+00	6.17e-02	2.45e-02	0.73e-02	0.00e+00	1.07e-02	3.59e-02											

HF2W425FSAH-MTS	1.01E-01	1.59E+01	6.00E+00	1.59E+01	0.00E+00	0.00E+00	1.00E+01	5.96E+00	4.71E-02	5.17E-01	0.00E+00	0.00E+00	2.79E-02	5.40E+00	3.87E-02	0.00E+00	0.00E+00	0.00E+00	1.40E-03	5.57E-01	2.22E+02	0.00E+00	2.43E+00	8.18E-07	1.30E-01	3.07E-04	2.99E+01	0.00E+00	2.22E+02	6.25E-07	2.22E+02	2.22E+02	2.99E+01	0.00E+00	0.00E+00	0.00E+00	6.03E-02	
HF2W425FSAI-MTS	1.01E-01	1.59E+01	6.00E+00	1.59E+01	0.00E+00	0.00E+00	1.00E+01	5.96E+00	4.71E-02	5.17E-01	0.00E+00	0.00E+00	2.79E-02	5.40E+00	3.87E-02	0.00E+00	0.00E+00	0.00E+00	1.40E-03	5.57E-01	2.22E+02	0.00E+00	2.43E+00	8.18E-07	1.30E-01	3.07E-04	2.99E+01	0.00E+00	2.22E+02	6.25E-07	2.22E+02	2.22E+02	2.99E+01	0.00E+00	0.00E+00	0.00E+00	6.03E-02	
HF2E425FSCI-MTS	1.01E-01	1.59E+01	6.00E+00	1.59E+01	0.00E+00	0.00E+00	1.00E+01	5.96E+00	4.71E-02	5.17E-01	0.00E+00	0.00E+00	2.79E-02	5.40E+00	3.87E-02	0.00E+00	0.00E+00	0.00E+00	1.40E-03	5.57E-01	2.22E+02	0.00E+00	2.43E+00	8.18E-07	1.30E-01	3.07E-04	2.99E+01	0.00E+00	2.22E+02	6.25E-07	2.22E+02	2.22E+02	2.99E+01	0.00E+00	0.00E+00	0.00E+00	6.03E-02	
HW2E306DB	1.20E-01	1.19E+01	6.00E+00	1.90E+01	0.00E+00	0.00E+00	1.25E+01	7.13E+00	1.64E-02	6.19E-01	0.00E+00	0.00E+00	3.34E-02	6.47E+00	4.83E-02	0.00E+00	0.00E+00	0.00E+00	1.68E-03	6.87E-01	2.65E+02	0.00E+00	2.91E+00	9.79E-07	1.56E+01	4.75E-04	3.54E+01	0.00E+00	2.65E+02	7.48E-07	2.65E+02	2.65E+02	3.54E+01	0.00E+00	0.00E+00	0.00E+00	7.22E-02	
HW2E306DE	1.20E-01	1.90E+01	6.00E+00	1.98E+01	0.00E+00	0.00E+00	1.24E+01	7.08E+00	1.65E-02	6.15E-01	0.00E+00	0.00E+00	3.32E-02	6.42E+00	4.86E-02	0.00E+00	0.00E+00	0.00E+00	1.67E-03	6.82E-01	2.63E+02	0.00E+00	2.89E+00	9.72E-07	1.55E+01	4.72E-04	3.54E+01	0.00E+00	2.63E+02	7.43E-07	2.63E+02	2.64E+02	3.53E+01	0.00E+00	0.00E+00	0.00E+00	7.17E-02	
HW2E306FB	8.12E-02	1.28E+01	6.00E+00	1.28E+01	0.00E+00	0.00E+00	8.40E+00	4.81E+00	3.81E-02	4.17E-01	0.00E+00	0.00E+00	2.25E-02	4.36E+00	3.12E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03	4.50E-01	1.79E+02	0.00E+00	1.96E+00	6.60E-07	1.05E+01	3.20E-04	2.39E+01	0.00E+00	1.79E+02	5.05E-07	1.79E+02	1.79E+02	2.39E+01	0.00E+00	0.00E+00	0.00E+00	4.87E-02
HW2E306FE	8.12E-02	1.28E+01	6.00E+00	1.28E+01	0.00E+00	0.00E+00	8.39E+00	4.81E+00	3.80E-02	4.17E-01	0.00E+00	0.00E+00	2.25E-02	4.36E+00	3.12E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03	4.50E-01	1.79E+02	0.00E+00	1.96E+00	6.60E-07	1.05E+01	3.20E-04	2.39E+01	0.00E+00	1.79E+02	5.05E-07	1.79E+02	1.79E+02	2.39E+01	0.00E+00	0.00E+00	0.00E+00	4.87E-02
HW2E308DB	1.20E-01	1.90E+01	6.00E+00	1.88E+01	0.00E+00	0.00E+00	1.24E+01	7.08E+00	1.65E-02	6.15E-01	0.00E+00	0.00E+00	3.32E-02	6.42E+00	4.86E-02	0.00E+00	0.00E+00	0.00E+00	1.67E-03	6.82E-01	2.63E+02	0.00E+00	2.89E+00	9.72E-07	1.55E+01	4.72E-04	3.53E+01	0.00E+00	2.63E+02	7.43E-07	2.63E+02	2.64E+02	3.53E+01	0.00E+00	0.00E+00	0.00E+00	7.17E-02	
HW2E308DE	1.20E-01	1.88E+01	6.00E+00	1.88E+01	0.00E+00																																	

HW2M325FE	1.81E-01	1.28E+01	6.00E+00	1.28E+01	0.00E+00	0.00E+00	4.80E+00	4.81E+00	3.80E+01	4.37E-01	0.00E+00	0.00E+00	2.25E+01	4.36E+00	3.12E+02	0.00E+00	0.00E+00	0.00E+00	1.13E+03	4.50E-01	1.79E+02	0.00E+00	1.96E+00	6.60E+01	1.05E+01	3.20E+04	2.39E+01	0.00E+00	1.79E+02	5.05E+01	1.79E+02	1.79E+02	2.39E+01	0.00E+00	0.00E+00	0.00E+00	4.87E+02
HW2M406DB	1.38E-01	2.20E+01	0.00E+00	2.20E+01	0.00E+00	0.00E+00	1.44E+01	8.25E+00	6.53E+02	7.35E-01	0.00E+00	0.00E+00	3.88E+01	7.48E+00	5.36E+02	0.00E+00	0.00E+00	0.00E+00	1.94E+03	7.72E-01	3.07E+02	0.00E+00	3.37E+00	1.13E+00	1.81E+01	5.50E+04	4.09E+01	0.00E+00	3.07E+02	8.86E+01	3.07E+02	3.07E+02	4.09E+01	0.00E+00	0.00E+00	0.00E+00	8.35E+02
HW2M406DE	1.38E-01	2.20E+01	0.00E+00	2.20E+01	0.00E+00	0.00E+00	1.44E+01	8.25E+00	6.53E+02	7.35E-01	0.00E+00	0.00E+00	3.88E+01	7.48E+00	5.36E+02	0.00E+00	0.00E+00	0.00E+00	1.94E+03	7.72E-01	3.07E+02	0.00E+00	3.37E+00	1.13E+00	1.81E+01	5.50E+04	4.09E+01	0.00E+00	3.07E+02	8.86E+01	3.07E+02	3.07E+02	4.09E+01	0.00E+00	0.00E+00	0.00E+00	8.35E+02
HW2M406FB	8.75E-02	1.38E+01	0.00E+00	1.38E+01	0.00E+00	0.00E+00	9.05E+00	5.18E+00	4.10E+02	4.50E-01	0.00E+00	0.00E+00	2.43E+01	4.70E+00	3.36E+02	0.00E+00	0.00E+00	0.00E+00	1.22E+03	4.89E-01	1.93E+02	0.00E+00	2.12E+00	7.11E+01	1.13E+01	3.45E+04	2.57E+01	0.00E+00	1.93E+02	5.44E+01	1.93E+02	1.93E+02	2.57E+01	0.00E+00	0.00E+00	0.00E+00	5.24E+02
HW2M406FE	8.75E-02	1.38E+01	0.00E+00	1.38E+01	0.00E+00	0.00E+00	9.05E+00	5.18E+00	4.10E+02	4.50E-01	0.00E+00	0.00E+00	2.43E+01	4.70E+00	3.36E+02	0.00E+00	0.00E+00	0.00E+00	1.22E+03	4.89E-01	1.93E+02	0.00E+00	2.12E+00	7.11E+01	1.13E+01	3.45E+04	2.57E+01	0.00E+00	1.93E+02	5.44E+01	1.93E+02	1.93E+02	2.57E+01	0.00E+00	0.00E+00	0.00E+00	5.24E+02
HW2M408DB	1.38E-01	2.20E+01	0.00E+00	2.20E+01	0.00E+00	0.00E+00	1.44E+01	8.25E+00	6.53E+02	7.35E-01	0.00E+00	0.00E+00	3.88E+01	7.48E+00	5.36E+02	0.00E+00	0.00E+00	0.00E+00	1.94E+03	7.72E-01	3.07E+02	0.00E+00	3.37E+00	1.13E+00	1.81E+01	5.50E+04	4.09E+01	0.00E+00	3.07E+02	8.86E+01	3.07E+02	3.07E+02	4.09E+01	0.00E+00	0.00E+00	0.00E+00	8.35E+02
HW2M408DE	1.38E-01	2.20E+01	0.00E+00	2.20E+01	0.00E+00	0.00E+00	1.44E+01	8.25E+00	6.53E+02	7.35E-01	0.00E+00	0.00E+00	3.88E+01	7.48E+00	5.36E+02	0.00E+00	0.00E+00	0.00E+00	1.94E+03	7.72E-01	3.07E+02	0.00E+00	3.37E+00	1.13E+00	1.81E+01	5.50E+04	4.09E+01	0.00E+00	3.07E+02	8.86E+01	3.07E+02	3.07E+02	4.09E+01	0.00E+00	0.00E+00	0.00E+00	8.35E+02
HW2M408FB	8.75E-02	1.38E+01	0.00E+00	1.38E+01	0.00E+00	0.00E+00	9.05E+00	5.18E+00	4.10E+02	4.50E-01	0.00E+00	0.00E+00	2.43E+01	4.70E+00	3.36E+02	0.00E+00	0.00E+00	0.00E+00	1.22E+03	4.89E-01	1.93E+02	0.00E+00	2.12E+00	7.11E+01	1.13E+01	3.45E+04	2.57E+01	0.00E+00	1.93E+02	5.44E+01	1.93E+02	1.93E+02	2.57E+01	0.00E+00	0.00E+00	0.00E+00	5.24E+02
HW2M408FE	8.75E-02	1.38E+01	0.00E+00	1.38E+01	0.00E+00	0.00E+00	9.05E+00	5.18E+00	4.10E+02	4.50E-01	0.00E+00	0.00E+00	2.43E+01	4.70E+00	3.36E+02	0.00E+00	0.00E+00	0.00E+00	1.22E+03	4.89E-01	1.93E+02	0.00E+00	2.12E+00	7.11E+01	1.13E+01	3.45E+04	2.57E+01	0.00E+00	1.93E+02	5.44E+01	1.93E+02	1.93E+02	2.57E+01	0.00E+00	0.00E+00	0.00E+00	5.24E+02
HW2M410DB	1.38E-01	2.20E+01	0.00E+00	2.20E+01	0.00E+00	0.00E+00	1.44E+01	8.25E+00	6.53E+02	7.35E-01	0.00E+00	0.00E+00	3.88E+01	7.48E+00	5.36E+02	0.00E+00	0.00E+00	0.00E+00	1.94E+03	7.72E-01	3.07E+02	0.00E+00	3.37E+00	1.13E+00	1.81E+01	5.50E+04	4.09E+01	0.00E+00	3.07E+02	8.86E+01	3.07E+02	3.07E+02	4.09E+01	0.00E+00	0.00E+00	0.00E+00	8.35E+02
HW2M410DE	1.38E-01	2.20E+01	0.00E+00	2.20E+01	0.00E+00	0.00E+00	1.44E+01	8.25E+00	6.53E+02	7.35E-01	0.00E+00	0.00E+00	3.88E+01	7.48E+00	5.36E+02	0.00E+00	0.00E+00	0.00E+00	1.94E+03	7.72E-01	3.07E+02	0.00E+00	3.37E+00	1.13E+00	1.81E+01	5.50E+04	4.09E+01	0.00E+00	3.07E+02	8.86E+01	3.07E+02	3.07E+02	4.09E+01	0.00E+00	0.00E+00	0.00E+00	8.35E+02
HW2M410FB	8.75E-02	1.38E+01	0.00E+00	1.38E+01	0.00E+00	0.00E+00	9.05E+00	5.18E+00	4.10E+02	4.50E-01	0.00E+00	0.00E+00	2.43E+01	4.70E+00	3.36E+02	0.00E+00	0.00E+00	0.00E+00	1.22E+03	4.89E-01	1.93E+02	0.00E+00	2.12E+00	7.11E+01	1.13E+01	3.45E+04	2.57E+01	0.00E+00	1.93E+02	5.44E+01	1.93E+02	1.93E+02	2.57E+01	0.00E+00	0.00E+00	0.00E+00	5.24E+02
HW2M410FE	8.75E-02	1.38E+01	0.00E+00	1.38E+01	0.00E+00	0.00E+00	9.05E+00	5.18E+00	4.10E+02	4.50E-01	0.00E+00	0.00E+00	2.43E+01	4.70E+00	3.36E+02	0.00E+00	0.00E+00	0.00E+00	1.22E+03	4.89E-01	1.93E+02	0.00E+00	2.12E+00	7.11E+01	1.13E+01	3.45E+04	2.57E+01	0.00E+00	1.93E+02	5.44E+01	1.93E+02	1.93E+02	2.57E+01	0.00E+00	0.00E+00	0.00E+00	5.24E+02
HW2M412DB	1.38E-01	2.20E+01	0.00E+00	2.20E+01	0.00E+00	0.00E+00	1.44E+01	8.25E+00	6.53E+02	7.35E-01	0.00E+00	0.00E+00	3.88E+01	7.48E+00	5.36E+02	0.00E+00	0.00E+00	0.00E+00	1.94E+03	7.72E-01	3.07E+02	0.00E+00	3.37E+00	1.13E+00	1.81E+01	5.50E+04	4.09E+01	0.00E+00	3.07E+02	8.86E+01	3.07E+02	3.07E+02	4.09E+01	0.00E+00	0.00E+00	0.00E+00	8.35E+02
HW2M412DE	1.38E-01	2.20E+01	0.00E+00	2.20E+01	0.00E+00	0.00E+00	1.44E+01	8.25E+00	6.53E+02	7.35E-01	0.00E+00	0.00E+00	3.88E+01	7.48E+00	5.36E+02	0.00E+00	0.00E+00	0.00E+00	1.94E+03	7.72E-01	3.07E+02	0.00E+00	3.37E+00	1.13E+00	1.81E+01	5.50E+04	4.09E+01	0.00E+00	3.07E+02	8.86E+01	3.07E+02	3.07E+02	4.09E+01	0.00E+00	0.00E+00	0.00E+00	8.35E+02
HW2M412FB	8.75E-02	1.38E+01	0.00E+00	1.38E+01	0.00E+00	0.00E+00	9.05E+00	5.18E+00	4.10E+02	4.50E-01	0.00E+00	0.00E+00	2.43E+01	4.70E+00	3.36E+02	0.00E+00	0.00E+00	0.00E+00	1.22E+03	4.89E-01	1.93E+02	0.00E+00	2.12E+00	7.11E+01	1.13E+01	3.45E+04	2.57E+01	0.00E+00	1.93E+02	5.44E+01	1.93E+02	1.93E+02	2.57E+01	0.00E+00	0.00E+00	0.00E+00	5.24E+02
HW2M412FE	8.75E-02	1.38E+01	0.00E+00	1.38E+01	0.00E+00	0.00E+00	9.05E+00	5.18E+00	4.10E+02	4.50E-01	0.00E+00	0.00E+00	2.43E+01	4.70E+00	3.36E+02	0.00E+00	0.00E+00	0.00E+00	1.22E+03	4.89E-01	1.93E+02	0.00E+00	2.12E+00	7.11E+01	1.13E+01	3.45E+04	2.57E+01	0.00E+00	1.93E+02	5.44E+01	1.93E+02	1.93E+02	2.57E+01	0.00E+00	0.00E+00	0.00E+00	5.24E+02
HW2M416DB	1.38E-01	2.20E+01	0.00E+00	2.20E+01	0.00E+00	0.00E+00	1.44E+01	8.25E+00	6.53E+02	7.35E-01	0.00E+00	0.00E+00	3.88E+01	7.48E+00	5.36E+02	0.00E+00	0.00E+00	0.00E+00	1.94E+03	7.72E-01	3.07E+02	0.00E+00	3.37E+00	1.13E+00	1.81E+01	5.50E+04	4.09E+01	0.00E+00	3.07E+02	8.86E+01	3.07E+02	3.07E+02	4.09E+01	0.00E+00	0.00E+00	0.00E+00	8.35E+02
HW2M416DE	1.38E-01	2.20E+01	0.00E+00	2.20E+01	0.00E+00	0.00E+00	1.44E+01	8.25E+00	6.53E+02	7.35E-01	0.00E+00	0.00E+00	3.88E+01	7.48E+00	5.36E+02	0.00E+00	0.00E+00	0.00E+00	1.94E+03	7.72E-01	3.07E+02	0.00E+00	3.37E+00	1.13E+00	1.81E+01	5.50E+04	4.09E+01	0.00E+00	3.07E+02	8.86E+01	3.07E+02	3.07E+02	4.09E+01	0.00E+00	0.00E+00	0.00E+00	8.35E+02
HW2M416FB	8.75E-02	1.38E+01	0.00E+00	1.38E+01	0.00E+00	0.00E+00	9.05E+00	5.18E+00	4.10E+02	4.50E-01	0.00E+00	0.00E+00	2.43E+01	4.70E+00	3.36E+02	0.00E+00	0.00E+00	0.00E+00	1.22E+03	4.89E-01	1.93E+02	0.00E+00	2.12E+00	7.11E+01	1.13E+01	3.45E+04	2.57E+01	0.00E+00	1.93E+02	5.44E+01	1.93E+02	1.93E+02	2.57E+01	0.00E+00	0.00E+00	0.00E+00	5.24E+02
HW2M416FE	8.75E-02	1.38E+01	0.00E+00	1.38E+01	0.00E+00	0.00E+00	9.05E+00	5.18E+00	4.10E+02	4.50E-01	0.00E+00	0.00E+00	2.43E+01	4.70E+00	3.36E+02	0.00E+00	0.00E+00	0.00E+00	1.22E+03	4.89E-01	1.93E+02	0.00E+00	2.12E+00	7.11E+01	1.13E+01	3.45E+04	2.57E+01	0.00E+00	1.93E+02	5.44E+01	1.93E+02	1.93E+02	2.57E+01	0.00E+00	0.00E+00	0.00E+00	5.24E+02
HW2M420DB	1.38E-01	2.20E+01	0.00E+00	2.20E+01	0.00E+00	0.00E+00	1.44E+01	8.25E+00	6.53E+02	7.35E-01	0.00E+00	0.00E+00	3.88E+01	7.48E+00	5.36E+02	0.00E+00	0.00E+00	0.00E+00	1.94E+03	7.72E-01	3.07E+02	0.00E+00	3.37E+00	1.13E+00	1.81E+01	5.50E+04	4.09E+01	0.00E+00	3.07E+02	8.86E+01	3.07E+02	3.07E+02	4.09E+01	0.00E+00	0.00E+00	0.00E+00	8.35E+02
HW2M420DE	1.38E-01	2.20E+01	0.00E+00	2.20E+01	0.00E+00	0.00E+00	1.44E+01	8.25E+00	6.53E+02	7.35E-01	0.00E+00	0.00E+00	3.88E+01	7.48E+00	5.36E+02	0.00E+00	0.00E+00	0.00E+00	1.94E+03	7.72E-01	3.07E+02	0.00E+00	3.37E+00	1.13E+00	1.81E+01	5.50E+04	4.09E+01	0.00E+00	3.07E+02	8.86E+01	3.07E+02	3.07E+02	4.09E+01	0.00E+00	0.00E+00	0.00E+00	8.35E+02
HW2M420FB	8.75E-02	1.38E+01	0.00E+00	1.38E+01	0.00E+00	0.00E+00	9.05E+00	5.18E+00	4.10E+02	4.50E-01	0.00E+00	0.00E+00	2.43E+01	4.70E+00	3.36E+02	0.00E+00	0.00E+00	0.00E+00	1.22E+03	4.89E-01	1.93E+02	0.00E+00	2.12E+00	7.11E+01	1.13E+01	3.45E+04	2.57E+01	0.00E+00	1.93E+02	5.44E+01	1.93E+02	1.93E+02	2.57E+01	0.00E+00	0.00E+00	0.00E+00	5.24E+02
HW2M420FE	8.75E-02	1.38E+01	0.00E+00	1.38E+01	0.00E+00	0.00E+00	9.05E+00	5.18E+00	4.10E+02	4.50E-01	0.00E+00	0.00E+00	2.43E+01	4.70E+00	3.36E+02	0.00E+00	0.00E+00	0.00E+00	1.22E+03	4.89E-01	1.93E+02	0.00E+00	2.12E+00	7.11E+01	1.13E+01	3.45E+04	2.57E+01	0.00E+00	1.93E+02	5.44E+01	1.93E+02	1.93E+02	2.57E+01	0.00E+00</			

HW2W306FS	7.71e-01	1.22e+01	0.00e+00	1.22e+01	0.00e+00	0.00e+00	7.97e+00	4.56e+00	3.81e-02	3.96e+01	0.00e+00	0.00e+00	2.14e+03	4.34e+00	2.90e-02	0.00e+00	0.00e+00	0.00e+00	1.08e+03	4.27e+01	1.70e+02	0.00e+00	1.87e+08	6.27e-01	9.89e-02	3.04e+04	2.27e+01	0.00e+00	1.70e+02	4.79e+01	1.70e+02	1.70e+02	2.27e+01	0.00e+00	0.00e+00	0.00e+00	4.62e-02
HW2W308DS	1.17e-01	1.84e+01	0.00e+00	1.84e+01	0.00e+00	0.00e+00	3.21e+01	6.91e+00	5.47e-02	6.00e+01	0.00e+00	0.00e+00	3.24e+03	4.27e+00	4.49e-02	0.00e+00	0.00e+00	0.00e+00	1.83e+03	4.47e+01	2.57e+02	0.00e+00	2.83e+08	9.48e-01	1.51e-01	4.61e+04	3.43e+01	0.00e+00	2.57e+02	7.26e+01	2.57e+02	2.57e+02	3.43e+01	0.00e+00	0.00e+00	0.00e+00	7.00e-02
HW2W308FS	7.71e-01	1.22e+01	0.00e+00	1.22e+01	0.00e+00	0.00e+00	7.97e+00	4.57e+00	3.81e-02	3.96e+01	0.00e+00	0.00e+00	2.14e+03	4.34e+00	2.90e-02	0.00e+00	0.00e+00	0.00e+00	1.08e+03	4.27e+01	1.70e+02	0.00e+00	1.87e+08	6.27e-01	1.00e-01	3.04e+04	2.27e+01	0.00e+00	1.70e+02	4.79e+01	1.70e+02	1.70e+02	2.27e+01	0.00e+00	0.00e+00	0.00e+00	4.62e-02
HW2W310DS	1.17e-01	1.84e+01	0.00e+00	1.84e+01	0.00e+00	0.00e+00	3.21e+01	6.91e+00	5.47e-02	6.00e+01	0.00e+00	0.00e+00	3.24e+03	4.27e+00	4.49e-02	0.00e+00	0.00e+00	0.00e+00	1.83e+03	4.47e+01	2.57e+02	0.00e+00	2.83e+08	9.48e-01	1.51e-01	4.61e+04	3.43e+01	0.00e+00	2.57e+02	7.26e+01	2.57e+02	2.57e+02	3.43e+01	0.00e+00	0.00e+00	0.00e+00	7.00e-02
HW2W310FS	7.71e-01	1.22e+01	0.00e+00	1.22e+01	0.00e+00	0.00e+00	7.97e+00	4.57e+00	3.81e-02	3.96e+01	0.00e+00	0.00e+00	2.14e+03	4.34e+00	2.90e-02	0.00e+00	0.00e+00	0.00e+00	1.08e+03	4.27e+01	1.70e+02	0.00e+00	1.87e+08	6.27e-01	1.00e-01	3.04e+04	2.27e+01	0.00e+00	1.70e+02	4.79e+01	1.70e+02	1.70e+02	2.27e+01	0.00e+00	0.00e+00	0.00e+00	4.62e-02
HW2W312DS	1.17e-01	1.84e+01	0.00e+00	1.84e+01	0.00e+00	0.00e+00	3.21e+01	6.91e+00	5.47e-02	6.00e+01	0.00e+00	0.00e+00	3.24e+03	4.27e+00	4.49e-02	0.00e+00	0.00e+00	0.00e+00	1.83e+03	4.47e+01	2.57e+02	0.00e+00	2.83e+08	9.48e-01	1.51e-01	4.61e+04	3.43e+01	0.00e+00	2.57e+02	7.26e+01	2.57e+02	2.57e+02	3.43e+01	0.00e+00	0.00e+00	0.00e+00	7.00e-02
HW2W312FS	7.71e-01	1.22e+01	0.00e+00	1.22e+01	0.00e+00	0.00e+00	7.97e+00	4.57e+00	3.81e-02	3.96e+01	0.00e+00	0.00e+00	2.14e+03	4.34e+00	2.90e-02	0.00e+00	0.00e+00	0.00e+00	1.08e+03	4.27e+01	1.70e+02	0.00e+00	1.87e+08	6.27e-01	1.00e-01	3.04e+04	2.27e+01	0.00e+00	1.70e+02	4.79e+01	1.70e+02	1.70e+02	2.27e+01	0.00e+00	0.00e+00	0.00e+00	4.62e-02
HW2W316DS	1.17e-01	1.84e+01	0.00e+00	1.84e+01	0.00e+00	0.00e+00	3.21e+01	6.91e+00	5.47e-02	6.00e+01	0.00e+00	0.00e+00	3.24e+03	4.27e+00	4.49e-02	0.00e+00	0.00e+00	0.00e+00	1.83e+03	4.47e+01	2.57e+02	0.00e+00	2.83e+08	9.48e-01	1.51e-01	4.61e+04	3.43e+01	0.00e+00	2.57e+02	7.26e+01	2.57e+02	2.57e+02	3.43e+01	0.00e+00	0.00e+00	0.00e+00	7.00e-02
HW2W316FS	7.71e-01	1.22e+01	0.00e+00	1.22e+01	0.00e+00	0.00e+00	7.97e+00	4.57e+00	3.81e-02	3.96e+01	0.00e+00	0.00e+00	2.14e+03	4.34e+00	2.90e-02	0.00e+00	0.00e+00	0.00e+00	1.08e+03	4.27e+01	1.70e+02	0.00e+00	1.87e+08	6.27e-01	1.00e-01	3.04e+04	2.27e+01	0.00e+00	1.70e+02	4.79e+01	1.70e+02	1.70e+02	2.27e+01	0.00e+00	0.00e+00	0.00e+00	4.62e-02
HW2W316FS	7.71e-01	1.22e+01	0.00e+00	1.22e+01	0.00e+00	0.00e+00	7.97e+00	4.57e+00	3.81e-02	3.96e+01	0.00e+00	0.00e+00	2.14e+03	4.34e+00	2.90e-02	0.00e+00	0.00e+00	0.00e+00	1.08e+03	4.27e+01	1.70e+02	0.00e+00	1.87e+08	6.27e-01	1.00e-01	3.04e+04	2.27e+01	0.00e+00	1.70e+02	4.79e+01	1.70e+02	1.70e+02	2.27e+01	0.00e+00	0.00e+00	0.00e+00	4.62e-02
HW2W316FS	7.71e-01	1.22e+01	0.00e+00	1.22e+01	0.00e+00	0.00e+00	7.97e+00	4.57e+00	3.81e-02	3.96e+01	0.00e+00	0.00e+00	2.14e+03	4.34e+00	2.90e-02	0.00e+00	0.00e+00	0.00e+00	1.08e+03	4.27e+01	1.70e+02	0.00e+00	1.87e+08	6.27e-01	1.00e-01	3.04e+04	2.27e+01	0.00e+00	1.70e+02	4.79e+01	1.70e+02	1.70e+02	2.27e+01	0.00e+00	0.00e+00	0.00e+00	4.62e-02
HW2W316FS	7.71e-01	1.22e+01	0.00e+00	1.22e+01	0.00e+00	0.00e+00	7.97e+00	4.57e+00	3.81e-02	3.96e+01	0.00e+00	0.00e+00	2.14e+03	4.34e+00	2.90e-02	0.00e+00	0.00e+00	0.00e+00	1.08e+03	4.27e+01	1.70e+02	0.00e+00	1.87e+08	6.27e-01	1.00e-01	3.04e+04	2.27e+01	0.00e+00	1.70e+02	4.79e+01	1.70e+02	1.70e+02	2.27e+01	0.00e+00	0.00e+00	0.00e+00	4.62e-02
HW2W316FS	7.71e-01	1.22e+01	0.00e+00	1.22e+01	0.00e+00	0.00e+00	7.97e+00	4.57e+00	3.81e-02	3.96e+01	0.00e+00	0.00e+00	2.14e+03	4.34e+00	2.90e-02	0.00e+00	0.00e+00	0.00e+00	1.08e+03	4.27e+01	1.70e+02	0.00e+00	1.87e+08	6.27e-01	1.00e-01	3.04e+04	2.27e+01	0.00e+00	1.70e+02	4.79e+01	1.70e+02	1.70e+02	2.27e+01	0.00e+00	0.00e+00	0.00e+00	4.62e-02
HW2W316FS	7.71e-01	1.22e+01	0.00e+00	1.22e+01	0.00e+00	0.00e+00	7.97e+00	4.57e+00	3.81e-02	3.96e+01	0.00e+00	0.00e+00	2.14e+03	4.34e+00	2.90e-02	0.00e+00	0.00e+00	0.00e+00	1.08e+03	4.27e+01	1.70e+02	0.00e+00	1.87e+08	6.27e-01	1.00e-01	3.04e+04	2.27e+01	0.00e+00	1.70e+02	4.79e+01	1.70e+02	1.70e+02	2.27e+01	0.00e+00	0.00e+00	0.00e+00	4.62e-02
HW2W316FS	7.71e-01	1.22e+01	0.00e+00	1.22e+01	0.00e+00	0.00e+00	7.97e+00	4.57e+00	3.81e-02	3.96e+01	0.00e+00	0.00e+00	2.14e+03	4.34e+00	2.90e-02	0.00e+00	0.00e+00	0.00e+00	1.08e+03	4.27e+01	1.70e+02	0.00e+00	1.87e+08	6.27e-01	1.00e-01	3.04e+04	2.27e+01	0.00e+00	1.70e+02	4.79e+01	1.70e+02	1.70e+02	2.27e+01	0.00e+00	0.00e+00	0.00e+00	4.62e-02
HW2W316FS	7.71e-01	1.22e+01	0.00e+00	1.22e+01	0.00e+00	0.00e+00	7.97e+00	4.57e+00	3.81e-02	3.96e+01	0.00e+00	0.00e+00	2.14e+03	4.34e+00	2.90e-02	0.00e+00	0.00e+00	0.00e+00	1.08e+03	4.27e+01	1.70e+02	0.00e+00	1.87e+08	6.27e-01	1.00e-01	3.04e+04	2.27e+01	0.00e+00	1.70e+02	4.79e+01	1.70e+02	1.70e+02	2.27e+01	0.00e+00	0.00e+00	0.00e+00	4.62e-02
HW2W316FS	7.71e-01	1.22e+01	0.00e+00	1.22e+01	0.00e+00	0.00e+00	7.97e+00	4.57e+00	3.81e-02	3.96e+01	0.00e+00	0.00e+00	2.14e+03	4.34e+00	2.90e-02	0.00e+00	0.00e+00	0.00e+00	1.08e+03	4.27e+01	1.70e+02	0.00e+00	1.87e+08	6.27e-01	1.00e-01	3.04e+04	2.27e+01	0.00e+00	1.70e+02	4.79e+01	1.70e+02	1.70e+02	2.27e+01	0.00e+00	0.00e+00	0.00e+00	4.62e-02
HW2W316FS	7.71e-01	1.22e+01	0.00e+00	1.22e+01	0.00e+00	0.00e+00	7.97e+00	4.57e+00	3.81e-02	3.96e+01	0.00e+00	0.00e+00	2.14e+03	4.34e+00	2.90e-02	0.00e+00	0.00e+00	0.00e+00	1.08e+03	4.27e+01	1.70e+02	0.00e+00	1.87e+08	6.27e-01	1.00e-01	3.04e+04	2.27e+01	0.00e+00	1.70e+02	4.79e+01	1.70e+02	1.70e+02	2.27e+01	0.00e+00	0.00e+00	0.00e+00	4.62e-02
HW2W316FS	7.71e-01	1.22e+01	0.00e+00	1.22e+01	0.00e+00	0.00e+00	7.97e+00	4.57e+00	3.81e-02	3.96e+01	0.00e+00	0.00e+00	2.14e+03	4.34e+00	2.90e-02	0.00e+00	0.00e+00	0.00e+00	1.08e+03	4.27e+01	1.70e+02	0.00e+00	1.87e+08	6.27e-01	1.00e-01	3.04e+04	2.27e+01	0.00e+00	1.70e+02	4.79e+01	1.70e+02	1.70e+02	2.27e+01	0.00e+00	0.00e+00	0.00e+00	4.62e-02
HW2W316FS	7.71e-01	1.22e+01	0.00e+00	1.22e+01	0.00e+00	0.00e+00	7.97e+00	4.57e+00	3.81e-02	3.96e+01	0.00e+00	0.00e+00	2.14e+03	4.34e+00	2.90e-02	0.00e+00	0.00e+00	0.00e+00	1.08e+03	4.27e+01	1.70e+02	0.00e+00	1.87e+08	6.27e-01	1.00e-01	3.04e+04	2.27e+01	0.00e+00	1.70e+02	4.79e+01	1.70e+02	1.70e+02	2.27e+01	0.00e+00	0.00e+00	0.00e+00	4.62e-02
HW2W316FS	7.71e-01	1.22e+01	0.00e+00	1.22e+01	0.00e+00	0.00e+00	7.97e+00	4.57e+00	3.81e-02	3.96e+01	0.00e+00	0.00e+00	2.14e+03	4.34e+00	2.90e-02	0.00e+00	0.00e+00	0.00e+00	1.08e+03	4.27e+01	1.70e+02	0.00e+00	1.87e+08	6.27e-01	1.00e-01	3.04e+04	2.27e+01	0.00e+00	1.70e+02	4.79e+01	1.70e+02	1.70e+02	2.27e+01	0.00e+00	0.00e+00	0.00e+00	4.62e-02
HW2W316FS	7.71e-01	1.22e+01	0.00e+00	1.22e+01	0.00e+00	0.00e+00	7.97e+00	4.57e+00	3.81e-02	3.96e+01	0.00e+00	0.00e+00	2.14e+03	4.34e+00	2.90e-02	0.00e+00	0.00e+00	0.00e+00	1.08e+03	4.27e+01	1.70e+02	0.00e+00	1.87e+08	6.27e-01	1.00e-01	3.04e+04	2.27e+01	0.00e+00	1.70e+02	4.79e+01	1.70e+02	1.70e+02	2.27e+01	0.00e+00	0.00e+00	0.00e+00	4.62e-02
HW2W316FS	7.71e-01	1.22e+01	0.00e+00	1.22e+01	0.00e+00	0.00e+00	7.97e+00	4.57e+00	3.81e-02	3.96e+01	0.00e+00	0.00e+00	2.14e+03	4.34e+00	2.90e-02	0.00e+00	0.00e+00	0.00e+00	1.08e+03	4.27e+01	1.70e+02	0.00e+00	1.87e+08	6.27e-01	1.00e-01	3.04e+04	2.27e+01	0.00e+00	1.70e+02	4.79e+01	1.70e+02	1.70e+02	2.27e+01	0.00e+00	0.00e+00	0.00e+00	4.62e-02
HW2W316FS	7.71e-01	1.22e+01	0.00e+00	1.22e+01	0.00e+00	0.00e+00	7.97e+00	4.57e+00	3.81e-02	3.96e+01	0.00e+00	0.00e+00	2.14e+03	4.34e+00	2.90e-02	0.00e+00	0.00e+00	0.00e+00	1.08e+03	4.27e+01	1.70e+02	0.00e+00	1.87e+08	6.27e-01	1.00e-01	3.04e+04	2.27e+01	0.00e+00	1.70e+02	4.79e+01	1.70e+02	1.70e+02	2.27e+01	0.00e+00	0.00e+00	0.00e+00	4.62e-02
HW2W316FS	7.71e-01	1.22e+01	0.00e+00	1.22e+01	0.00e+00	0.00e+00	7.97e+00	4.57e+00	3.81e-02	3.96e+01	0.00e+00	0.00e+00	2.14e+03	4.34e+00	2.90e-02	0.00e+00	0.00e+00	0.00e+00	1.08e+03	4.27e+01	1.70e+02	0.00e+00	1.87e+08	6.27e-01	1.00e-01	3.04e+04	2.27e+01	0.00e+00	1.70e+02	4.79e+01	1.70e+02	1.70e+02	2.27e+01	0.00e+00</			

HW4P312FB	9.04E-02	1.43E+01	8.00E-01	1.43E+01	0.00E+00	0.00E+00	0.00E+00	5.36E-04	4.24E-02	4.65E-01	0.00E+00	0.00E+00	2.51E-10	4.85E-08	3.48E-02	0.00E+00	0.00E+00	0.00E+00	1.26E-03	5.01E-02	1.19E+02	0.00E+00	2.13E-04	7.35E-07	1.17E-01	3.57E-04	2.68E-01	0.00E+00	1.99E-02	5.62E-07	1.19E-02	1.99E-02	2.68E-01	0.00E+00	0.00E+00	0.00E+00	5.42E-02
HW4P312FE	9.04E-02	1.43E+01	8.00E-01	1.43E+01	0.00E+00	0.00E+00	9.35E+00	5.35E-04	4.24E-02	4.65E-01	0.00E+00	0.00E+00	2.51E-10	4.85E-08	3.48E-02	0.00E+00	0.00E+00	0.00E+00	1.26E-03	5.01E-02	1.19E+02	0.00E+00	2.13E-04	7.35E-07	1.17E-01	3.57E-04	2.68E-01	0.00E+00	1.99E-02	5.62E-07	1.19E-02	1.99E-02	2.68E-01	0.00E+00	0.00E+00	0.00E+00	5.42E-02
HW4P316DB	1.41E-01	2.22E+01	8.00E-01	2.22E+01	0.00E+00	0.00E+00	1.44E+01	8.35E-04	6.61E-02	7.25E-01	0.00E+00	0.00E+00	3.91E-10	7.57E-08	5.42E-02	0.00E+00	0.00E+00	0.00E+00	1.97E-03	7.81E-02	3.11E+02	0.00E+00	3.41E-08	1.15E-04	1.83E-01	5.56E-04	4.14E-01	0.00E+00	3.11E+02	8.76E-07	3.11E+02	3.11E+02	4.14E-01	0.00E+00	0.00E+00	0.00E+00	8.45E-02
HW4P316DE	1.41E-01	2.22E+01	8.00E-01	2.22E+01	0.00E+00	0.00E+00	1.44E+01	8.35E-04	6.61E-02	7.25E-01	0.00E+00	0.00E+00	3.91E-10	7.57E-08	5.42E-02	0.00E+00	0.00E+00	0.00E+00	1.97E-03	7.81E-02	3.11E+02	0.00E+00	3.41E-08	1.15E-04	1.83E-01	5.56E-04	4.14E-01	0.00E+00	3.11E+02	8.76E-07	3.11E+02	3.11E+02	4.14E-01	0.00E+00	0.00E+00	0.00E+00	8.45E-02
HW4P316FB	9.04E-02	1.43E+01	8.00E-01	1.43E+01	0.00E+00	0.00E+00	9.35E+00	5.35E-04	4.24E-02	4.65E-01	0.00E+00	0.00E+00	2.51E-10	4.85E-08	3.48E-02	0.00E+00	0.00E+00	0.00E+00	1.26E-03	5.01E-02	1.19E+02	0.00E+00	2.13E-04	7.35E-07	1.17E-01	3.57E-04	2.68E-01	0.00E+00	1.99E-02	5.62E-07	1.19E-02	1.99E-02	2.68E-01	0.00E+00	0.00E+00	0.00E+00	5.42E-02
HW4P316FE	9.04E-02	1.43E+01	8.00E-01	1.43E+01	0.00E+00	0.00E+00	9.35E+00	5.35E-04	4.24E-02	4.65E-01	0.00E+00	0.00E+00	2.51E-10	4.85E-08	3.48E-02	0.00E+00	0.00E+00	0.00E+00	1.26E-03	5.01E-02	1.19E+02	0.00E+00	2.13E-04	7.35E-07	1.17E-01	3.57E-04	2.68E-01	0.00E+00	1.99E-02	5.62E-07	1.19E-02	1.99E-02	2.68E-01	0.00E+00	0.00E+00	0.00E+00	5.42E-02
HW4P320DB	1.41E-01	2.22E+01	8.00E-01	2.22E+01	0.00E+00	0.00E+00	1.44E+01	8.35E-04	6.61E-02	7.25E-01	0.00E+00	0.00E+00	3.91E-10	7.57E-08	5.42E-02	0.00E+00	0.00E+00	0.00E+00	1.97E-03	7.81E-02	3.11E+02	0.00E+00	3.41E-08	1.15E-04	1.83E-01	5.56E-04	4.14E-01	0.00E+00	3.11E+02	8.76E-07	3.11E+02	3.11E+02	4.14E-01	0.00E+00	0.00E+00	0.00E+00	8.45E-02
HW4P320DE	1.41E-01	2.22E+01	8.00E-01	2.22E+01	0.00E+00	0.00E+00	1.44E+01	8.35E-04	6.61E-02	7.25E-01	0.00E+00	0.00E+00	3.91E-10	7.57E-08	5.42E-02	0.00E+00	0.00E+00	0.00E+00	1.97E-03	7.81E-02	3.11E+02	0.00E+00	3.41E-08	1.15E-04	1.83E-01	5.56E-04	4.14E-01	0.00E+00	3.11E+02	8.76E-07	3.11E+02	3.11E+02	4.14E-01	0.00E+00	0.00E+00	0.00E+00	8.45E-02
HW4P320FB	9.04E-02	1.43E+01	8.00E-01	1.43E+01	0.00E+00	0.00E+00	9.35E+00	5.35E-04	4.24E-02	4.65E-01	0.00E+00	0.00E+00	2.51E-10	4.85E-08	3.48E-02	0.00E+00	0.00E+00	0.00E+00	1.26E-03	5.01E-02	1.19E+02	0.00E+00	2.13E-04	7.35E-07	1.17E-01	3.57E-04	2.68E-01	0.00E+00	1.99E-02	5.62E-07	1.19E-02	1.99E-02	2.68E-01	0.00E+00	0.00E+00	0.00E+00	5.42E-02
HW4P320FE	9.04E-02	1.43E+01	8.00E-01	1.43E+01	0.00E+00	0.00E+00	9.35E+00	5.35E-04	4.24E-02	4.65E-01	0.00E+00	0.00E+00	2.51E-10	4.85E-08	3.48E-02	0.00E+00	0.00E+00	0.00E+00	1.26E-03	5.01E-02	1.19E+02	0.00E+00	2.13E-04	7.35E-07	1.17E-01	3.57E-04	2.68E-01	0.00E+00	1.99E-02	5.62E-07	1.19E-02	1.99E-02	2.68E-01	0.00E+00	0.00E+00	0.00E+00	5.42E-02
HW4S432FE	1.02E-01	1.61E+01	8.00E-01	1.61E+01	0.00E+00	0.00E+00	1.05E+01	6.03E-04	4.78E-02	5.24E-01	0.00E+00	0.00E+00	2.83E-10	5.47E-08	3.92E-02	0.00E+00	0.00E+00	0.00E+00	1.42E-03	5.69E-02	2.24E+02	0.00E+00	2.47E-08	8.28E-07	1.32E-01	4.02E-04	2.99E-01	0.00E+00	2.24E+02	6.23E-07	2.24E+02	2.25E+02	2.99E-01	0.00E+00	0.00E+00	6.11E-02	
HW4S440DB	1.75E-01	2.79E+01	8.00E-01	2.79E+01	0.00E+00	0.00E+00	1.81E+01	1.04E-03	8.13E-02	8.99E-01	0.00E+00	0.00E+00	4.89E-10	9.38E-08	6.72E-02	0.00E+00	0.00E+00	0.00E+00	2.44E-03	9.69E-02	3.89E+02	0.00E+00	4.22E-08	1.42E-04	2.27E-01	6.90E-04	5.14E-01	0.00E+00	3.89E+02	1.09E-04	3.89E+02	3.89E+02	5.14E-01	0.00E+00	0.00E+00	1.05E-01	
HW4S440DE	1.75E-01	2.79E+01	8.00E-01	2.79E+01	0.00E+00	0.00E+00	1.81E+01	1.04E-03	8.13E-02	8.99E-01	0.00E+00	0.00E+00	4.89E-10	9.38E-08	6.72E-02	0.00E+00	0.00E+00	0.00E+00	2.44E-03	9.69E-02	3.89E+02	0.00E+00	4.22E-08	1.42E-04	2.27E-01	6.90E-04	5.14E-01	0.00E+00	3.89E+02	1.09E-04	3.89E+02	3.89E+02	5.14E-01	0.00E+00	0.00E+00	1.05E-01	
HW4S440FB	1.02E-01	1.61E+01	8.00E-01	1.61E+01	0.00E+00	0.00E+00	1.05E+01	6.03E-04	4.78E-02	5.24E-01	0.00E+00	0.00E+00	2.83E-10	5.47E-08	3.92E-02	0.00E+00	0.00E+00	0.00E+00	1.42E-03	5.69E-02	2.24E+02	0.00E+00	2.47E-08	8.28E-07	1.32E-01	4.02E-04	2.99E-01	0.00E+00	2.24E+02	6.23E-07	2.24E+02	2.25E+02	2.99E-01	0.00E+00	0.00E+00	6.11E-02	
HW4S440FE	1.02E-01	1.61E+01	8.00E-01	1.61E+01	0.00E+00	0.00E+00	1.05E+01	6.03E-04	4.78E-02	5.24E-01	0.00E+00	0.00E+00	2.83E-10	5.47E-08	3.92E-02	0.00E+00	0.00E+00	0.00E+00	1.42E-03	5.69E-02	2.24E+02	0.00E+00	2.47E-08	8.28E-07	1.32E-01	4.02E-04	2.99E-01	0.00E+00	2.24E+02	6.23E-07	2.24E+02	2.25E+02	2.99E-01	0.00E+00	0.00E+00	6.11E-02	
HW4W310DS	1.40E-01	2.21E+01	8.00E-01	2.21E+01	0.00E+00	0.00E+00	1.45E+01	8.32E-04	6.58E-02	7.22E-01	0.00E+00	0.00E+00	3.90E-10	7.54E-08	5.40E-02	0.00E+00	0.00E+00	0.00E+00	1.96E-03	7.79E-02	3.09E+02	0.00E+00	3.42E-08	1.14E-04	1.82E-01	5.54E-04	4.13E-01	0.00E+00	3.09E+02	8.73E-07	3.09E+02	3.10E+02	4.13E-01	0.00E+00	0.00E+00	8.42E-02	
HW4W310FS	8.66E-02	1.39E+01	8.00E-01	1.39E+01	0.00E+00	0.00E+00	8.96E+00	5.12E-04	4.06E-02	4.40E-01	0.00E+00	0.00E+00	2.40E-10	4.65E-08	3.33E-02	0.00E+00	0.00E+00	0.00E+00	1.21E-03	4.80E-02	1.91E+02	0.00E+00	2.10E-08	7.04E-07	1.12E-01	3.42E-04	2.54E-01	0.00E+00	1.91E+02	5.38E-07	1.91E+02	1.91E+02	2.54E-01	0.00E+00	0.00E+00	5.19E-02	
HW4W312DS	1.40E-01	2.21E+01	8.00E-01	2.21E+01	0.00E+00	0.00E+00	1.45E+01	8.32E-04	6.58E-02	7.22E-01	0.00E+00	0.00E+00	3.90E-10	7.54E-08	5.40E-02	0.00E+00	0.00E+00	0.00E+00	1.96E-03	7.79E-02	3.09E+02	0.00E+00	3.42E-08	1.14E-04	1.82E-01	5.54E-04	4.13E-01	0.00E+00	3.09E+02	8.73E-07	3.09E+02	3.10E+02	4.13E-01	0.00E+00	0.00E+00	8.42E-02	
HW4W312FS	8.66E-02	1.37E+01	8.00E-01	1.37E+01	0.00E+00	0.00E+00	8.95E+00	5.13E-04	4.06E-02	4.40E-01	0.00E+00	0.00E+00	2.40E-10	4.65E-08	3.33E-02	0.00E+00	0.00E+00	0.00E+00	1.21E-03	4.80E-02	1.91E+02	0.00E+00	2.10E-08	7.04E-07	1.12E-01	3.42E-04	2.54E-01	0.00E+00	1.91E+02	5.38E-07	1.91E+02	1.91E+02	2.54E-01	0.00E+00	0.00E+00	5.19E-02	
HW4W316DS	1.40E-01	2.21E+01	8.00E-01	2.21E+01	0.00E+00	0.00E+00	1.45E+01	8.32E-04	6.58E-02	7.22E-01	0.00E+00	0.00E+00	3.90E-10	7.54E-08	5.40E-02	0.00E+00	0.00E+00	0.00E+00	1.96E-03	7.79E-02	3.09E+02	0.00E+00	3.42E-08	1.14E-04	1.82E-01	5.54E-04	4.13E-01	0.00E+00	3.09E+02	8.73E-07	3.09E+02	3.10E+02	4.13E-01	0.00E+00	0.00E+00	8.42E-02	
HW4W316FS	8.66E-02	1.37E+01	8.00E-01	1.37E+01	0.00E+00	0.00E+00	8.95E+00	5.13E-04	4.06E-02	4.40E-01	0.00E+00	0.00E+00	2.40E-10	4.65E-08	3.33E-02	0.00E+00	0.00E+00	0.00E+00	1.21E-03	4.80E-02	1.91E+02	0.00E+00	2.10E-08	7.04E-07	1.12E-01	3.42E-04	2.54E-01	0.00E+00	1.91E+02	5.38E-07	1.91E+02	1.91E+02	2.54E-01	0.00E+00	0.00E+00	5.19E-02	
HW4W320DS	1.40E-01	2.21E+01	8.00E-01	2.21E+01	0.00E+00	0.00E+00	1.45E+01	8.32E-04	6.58E-02	7.22E-01	0.00E+00	0.00E+00	3.90E-10	7.54E-08	5.40E-02	0.00E+00	0.00E+00	0.00E+00	1.96E-03	7.79E-02	3.09E+02	0.00E+00	3.42E-08	1.14E-04	1.82E-01	5.54E-04	4.13E-01	0.00E+00	3.09E+02	8.73E-07	3.09E+02	3.10E+02	4.13E-01	0.00E+00	0.00E+00	8.42E-02	
HW4W320FS	8.66E-02	1.37E+01	8.00E-01	1.37E+01	0.00E+00	0.00E+00	8.95E+00	5.13E-04	4.06E-02	4.40E-01	0.00E+00	0.00E+00	2.40E-10	4.65E-08	3.33E-02	0.00E+00	0.00E+00	0.00E+00	1.21E-03	4.80E-02	1.91E+02	0.00E+00	2.10E-08	7.04E-07	1.12E-01	3.42E-04	2.54E-01	0.00E+00	1.91E+02	5.38E-07	1.91E+02	1.91E+02	2.54E-01	0.00E+00	0.00E+00	5.19E-02	
HW4P325DB	1.41E-01	2.22E+01	8.00E-01	2.22E+01	0.00E+00	0.00E+00	1.44E+01	8.35E-04	6.61E-02	7.25E-01	0.00E+00	0.00E+00	3.91E-10	7.57E-08	5.42E-02	0.00E+00	0.00E+00	0.00E+00	1.97E-03	7.81E-02	3.11E+02	0.00E+00	3.41E-08	1.15E-04	1.83E-01	5.56E-04	4.14E-01	0.00E+00	3.11E+02	8.76E-07	3.11E+02	3.11E+02	4.14E-01	0.00E+00	0.00E+00	0.00E+00	8.45E-02
HW4P325DE	1.41E-01	2.22E+01	8.00E-01	2.22E+01	0.00E+00	0.00E+00	1.44E+01	8.35E-04	6.61E-02	7.25E-01	0.00E+00	0.00E+00	3.91E-10	7.57E-08	5.42E-02	0.00E+00	0.00E+00	0.00E+00	1.97E-03	7.81E-02	3.11E+02	0.00E+00	3.41E-08	1.15E-04	1.83E-01	5.56E-04	4.14E-01	0.00E+00	3.11E+02	8.76E-07	3.11E+02	3.11E+02	4.14E-01	0.00E+00	0.00E+00	0.00E+00	8.45E-02
HW4P325FB	9.04E-02	1.43E+01	8.00E-01	1.43E+01	0.00E+00	0.00E+00	9.35E+00	5.35E-04	4.24E-																												

HW4S332FB	9.04E-02	1.43E+01	8.00E+00	1.43E+01	0.00E+00	0.00E+00	0.00E+00	5.35E-04	4.24E-02	4.85E-01	0.00E+00	0.00E+00	2.51E-10	4.85E-08	3.48E-02	0.00E+00	0.00E+00	0.00E+00	1.26E-03	5.01E-02	1.19E+02	0.00E+00	2.13E-08	7.35E-07	1.17E+01	3.57E-04	2.84E-01	0.00E+00	1.99E+02	5.62E-07	1.19E+02	1.99E+02	2.68E-01	0.00E+00	0.00E+00	0.00E+00	5.42E-02
HW4S332FE	9.04E-02	1.43E+01	8.00E+00	1.43E+01	0.00E+00	0.00E+00	9.35E+00	5.35E-04	4.24E-02	4.85E-01	0.00E+00	0.00E+00	2.51E-10	4.85E-08	3.48E-02	0.00E+00	0.00E+00	0.00E+00	1.26E-03	5.01E-02	1.19E+02	0.00E+00	2.13E-08	7.35E-07	1.17E+01	3.57E-04	2.84E-01	0.00E+00	1.99E+02	5.62E-07	1.19E+02	1.99E+02	2.68E-01	0.00E+00	0.00E+00	0.00E+00	5.42E-02
HW4S340DB	1.44E-01	2.27E+01	8.00E+00	2.27E+01	0.00E+00	0.00E+00	1.44E+01	8.53E-08	6.75E-02	7.40E-01	0.00E+00	0.00E+00	4.00E-10	7.73E-08	5.54E-02	0.00E+00	0.00E+00	0.00E+00	2.01E-03	7.98E-02	3.17E+02	0.00E+00	3.48E-08	1.17E-08	1.87E+01	5.68E-04	4.23E-01	0.00E+00	3.17E+02	8.35E-07	3.17E+02	3.18E+02	4.23E-01	0.00E+00	0.00E+00	0.00E+00	8.63E-02
HW4S340DE	1.44E-01	2.27E+01	8.00E+00	2.27E+01	0.00E+00	0.00E+00	1.44E+01	8.53E-08	6.75E-02	7.40E-01	0.00E+00	0.00E+00	3.99E-10	7.73E-08	5.53E-02	0.00E+00	0.00E+00	0.00E+00	2.01E-03	7.97E-02	3.17E+02	0.00E+00	3.48E-08	1.17E-08	1.86E+01	5.67E-04	4.23E-01	0.00E+00	3.17E+02	8.34E-07	3.17E+02	3.17E+02	4.23E-01	0.00E+00	0.00E+00	0.00E+00	8.62E-02
HW4S340FE	9.04E-02	1.43E+01	8.00E+00	1.43E+01	0.00E+00	0.00E+00	9.35E+00	5.35E-04	4.24E-02	4.85E-01	0.00E+00	0.00E+00	2.51E-10	4.85E-08	3.48E-02	0.00E+00	0.00E+00	0.00E+00	1.26E-03	5.01E-02	1.19E+02	0.00E+00	2.13E-08	7.35E-07	1.17E+01	3.57E-04	2.84E-01	0.00E+00	1.99E+02	5.62E-07	1.99E+02	1.99E+02	2.68E-01	0.00E+00	0.00E+00	0.00E+00	5.42E-02
HW4P432DB	1.75E-01	2.78E+01	8.00E+00	2.78E+01	0.00E+00	0.00E+00	1.81E+01	1.04E-01	8.13E-02	8.99E-01	0.00E+00	0.00E+00	4.89E-10	9.38E-08	6.72E-02	0.00E+00	0.00E+00	0.00E+00	2.44E-03	9.69E-02	3.89E+02	0.00E+00	4.23E-08	1.42E-08	2.27E+01	6.90E-04	5.14E-01	0.00E+00	3.89E+02	1.09E-08	3.89E+02	3.89E+02	5.14E-01	0.00E+00	0.00E+00	0.00E+00	1.05E-01
HW4P432DE	1.75E-01	2.78E+01	8.00E+00	2.78E+01	0.00E+00	0.00E+00	1.81E+01	1.04E-01	8.13E-02	8.99E-01	0.00E+00	0.00E+00	4.89E-10	9.38E-08	6.72E-02	0.00E+00	0.00E+00	0.00E+00	2.44E-03	9.69E-02	3.89E+02	0.00E+00	4.23E-08	1.42E-08	2.27E+01	6.90E-04	5.14E-01	0.00E+00	3.89E+02	1.09E-08	3.89E+02	3.89E+02	5.14E-01	0.00E+00	0.00E+00	0.00E+00	1.05E-01
HW4E432DE	1.75E-01	2.78E+01	8.00E+00	2.78E+01	0.00E+00	0.00E+00	1.81E+01	1.04E-01	8.13E-02	8.99E-01	0.00E+00	0.00E+00	4.89E-10	9.38E-08	6.72E-02	0.00E+00	0.00E+00	0.00E+00	2.44E-03	9.69E-02	3.89E+02	0.00E+00	4.23E-08	1.42E-08	2.27E+01	6.90E-04	5.14E-01	0.00E+00	3.89E+02	1.09E-08	3.89E+02	3.89E+02	5.14E-01	0.00E+00	0.00E+00	0.00E+00	1.05E-01
HW4E432FB	1.02E-01	1.61E+01	8.00E+00	1.61E+01	0.00E+00	0.00E+00	1.05E+01	6.03E-04	4.78E-03	5.24E-01	0.00E+00	0.00E+00	2.83E-10	5.47E-08	3.92E-02	0.00E+00	0.00E+00	0.00E+00	1.42E-03	5.69E-02	2.24E+02	0.00E+00	2.47E-08	8.28E-07	1.32E+01	4.02E-04	2.99E-01	0.00E+00	2.24E+02	6.33E-07	2.24E+02	2.25E+02	2.99E-01	0.00E+00	0.00E+00	0.00E+00	6.11E-02
HW4E432FE	1.02E-01	1.61E+01	8.00E+00	1.61E+01	0.00E+00	0.00E+00	1.05E+01	6.03E-04	4.78E-03	5.24E-01	0.00E+00	0.00E+00	2.83E-10	5.47E-08	3.92E-02	0.00E+00	0.00E+00	0.00E+00	1.42E-03	5.69E-02	2.24E+02	0.00E+00	2.47E-08	8.28E-07	1.32E+01	4.02E-04	2.99E-01	0.00E+00	2.24E+02	6.33E-07	2.24E+02	2.25E+02	2.99E-01	0.00E+00	0.00E+00	0.00E+00	6.11E-02
HW4E440DB	1.75E-01	2.78E+01	8.00E+00	2.78E+01	0.00E+00	0.00E+00	1.81E+01	1.04E-01	8.13E-02	8.99E-01	0.00E+00	0.00E+00	4.89E-10	9.38E-08	6.72E-02	0.00E+00	0.00E+00	0.00E+00	2.44E-03	9.69E-02	3.89E+02	0.00E+00	4.23E-08	1.42E-08	2.27E+01	6.90E-04	5.14E-01	0.00E+00	3.89E+02	1.09E-08	3.89E+02	3.89E+02	5.14E-01	0.00E+00	0.00E+00	0.00E+00	1.05E-01
HW4E440FE	1.02E-01	1.61E+01	8.00E+00	1.61E+01	0.00E+00	0.00E+00	1.05E+01	6.03E-04	4.78E-03	5.24E-01	0.00E+00	0.00E+00	2.83E-10	5.47E-08	3.92E-02	0.00E+00	0.00E+00	0.00E+00	1.42E-03	5.69E-02	2.24E+02	0.00E+00	2.47E-08	8.28E-07	1.32E+01	4.02E-04	2.99E-01	0.00E+00	2.24E+02	6.33E-07	2.24E+02	2.25E+02	2.99E-01	0.00E+00	0.00E+00	0.00E+00	6.11E-02
HW4E440FB	1.02E-01	1.61E+01	8.00E+00	1.61E+01	0.00E+00	0.00E+00	1.05E+01	6.03E-04	4.78E-03	5.24E-01	0.00E+00	0.00E+00	2.83E-10	5.47E-08	3.92E-02	0.00E+00	0.00E+00	0.00E+00	1.42E-03	5.69E-02	2.24E+02	0.00E+00	2.47E-08	8.28E-07	1.32E+01	4.02E-04	2.99E-01	0.00E+00	2.24E+02	6.33E-07	2.24E+02	2.25E+02	2.99E-01	0.00E+00	0.00E+00	0.00E+00	6.11E-02
HW4P310DB	1.41E-01	2.22E+01	8.00E+00	2.22E+01	0.00E+00	0.00E+00	1.44E+01	8.55E-08	6.61E-02	7.35E-01	0.00E+00	0.00E+00	3.91E-10	7.57E-08	5.42E-02	0.00E+00	0.00E+00	0.00E+00	1.97E-03	7.81E-02	3.11E+02	0.00E+00	3.41E-08	1.15E-08	1.83E+01	5.57E-04	4.14E-01	0.00E+00	3.11E+02	8.76E-07	3.11E+02	3.11E+02	4.14E-01	0.00E+00	0.00E+00	0.00E+00	8.49E-02
HW4P310DE	1.41E-01	2.22E+01	8.00E+00	2.22E+01	0.00E+00	0.00E+00	1.44E+01	8.55E-08	6.61E-02	7.35E-01	0.00E+00	0.00E+00	3.91E-10	7.57E-08	5.42E-02	0.00E+00	0.00E+00	0.00E+00	1.97E-03	7.81E-02	3.11E+02	0.00E+00	3.41E-08	1.15E-08	1.83E+01	5.56E-04	4.14E-01	0.00E+00	3.10E+02	8.76E-07	3.10E+02	3.11E+02	4.14E-01	0.00E+00	0.00E+00	0.00E+00	8.49E-02
HW4P310FB	9.04E-02	1.43E+01	8.00E+00	1.43E+01	0.00E+00	0.00E+00	9.35E+00	5.35E-04	4.24E-02	4.85E-01	0.00E+00	0.00E+00	2.51E-10	4.85E-08	3.48E-02	0.00E+00	0.00E+00	0.00E+00	1.26E-03	5.01E-02	1.19E+02	0.00E+00	2.13E-08	7.35E-07	1.17E+01	3.57E-04	2.84E-01	0.00E+00	1.99E+02	5.62E-07	1.99E+02	1.99E+02	2.68E-01	0.00E+00	0.00E+00	0.00E+00	5.42E-02
HW4E320DB	1.41E-01	2.22E+01	8.00E+00	2.22E+01	0.00E+00	0.00E+00	1.44E+01	8.55E-08	6.61E-02	7.35E-01	0.00E+00	0.00E+00	3.91E-10	7.57E-08	5.42E-02	0.00E+00	0.00E+00	0.00E+00	1.97E-03	7.81E-02	3.11E+02	0.00E+00	3.41E-08	1.15E-08	1.83E+01	5.57E-04	4.14E-01	0.00E+00	3.11E+02	8.76E-07	3.11E+02	3.11E+02	4.14E-01	0.00E+00	0.00E+00	0.00E+00	8.49E-02
HW4E320DE	1.41E-01	2.22E+01	8.00E+00	2.22E+01	0.00E+00	0.00E+00	1.44E+01	8.55E-08	6.61E-02	7.35E-01	0.00E+00	0.00E+00	3.91E-10	7.57E-08	5.42E-02	0.00E+00	0.00E+00	0.00E+00	1.97E-03	7.81E-02	3.11E+02	0.00E+00	3.41E-08	1.15E-08	1.83E+01	5.56E-04	4.14E-01	0.00E+00	3.10E+02	8.76E-07	3.10E+02	3.11E+02	4.14E-01	0.00E+00	0.00E+00	0.00E+00	8.49E-02
HW4E320FB	9.04E-02	1.43E+01	8.00E+00	1.43E+01	0.00E+00	0.00E+00	9.35E+00	5.35E-04	4.24E-02	4.85E-01	0.00E+00	0.00E+00	2.51E-10	4.85E-08	3.48E-02	0.00E+00	0.00E+00	0.00E+00	1.26E-03	5.01E-02	1.19E+02	0.00E+00	2.13E-08	7.35E-07	1.17E+01	3.57E-04	2.84E-01	0.00E+00	1.99E+02	5.62E-07	1.99E+02	1.99E+02	2.68E-01	0.00E+00	0.00E+00	0.00E+00	5.42E-02
HW4S330FE	9.04E-02	1.43E+01	8.00E+00	1.43E+01	0.00E+00	0.00E+00	9.35E+00	5.35E-04	4.24E-02	4.85E-01	0.00E+00	0.00E+00	2.51E-10	4.85E-08	3.48E-02	0.00E+00	0.00E+00	0.00E+00	1.26E-03	5.01E-02	1.19E+02	0.00E+00	2.13E-08	7.35E-07	1.17E+01	3.57E-04	2.84E-01	0.00E+00	1.99E+02	5.62E-07	1.99E+02	1.99E+02	2.68E-01	0.00E+00	0.00E+00	0.00E+00	5.42E-02
HW4E325DB	1.41E-01	2.22E+01	8.00E+00	2.22E+01	0.00E+00	0.00E+00	1.44E+01	8.55E-08	6.61E-02	7.35E-01	0.00E+00	0.00E+00	3.91E-10	7.57E-08	5.42E-02	0.00E+00	0.00E+00	0.00E+00	1.97E-03	7.81E-02	3.11E+02	0.00E+00	3.41E-08	1.15E-08	1.83E+01	5.57E-04	4.14E-01	0.00E+00	3.11E+02	8.76E-07	3.11E+02	3.11E+02	4.14E-01	0.00E+00	0.00E+00	0.00E+00	8.49E-02
HW4E325DE	1.41E-01	2.22E+01	8.00E+00	2.22E+01	0.00E+00	0.00E+00	1.44E+01	8.55E-08	6.61E-02	7.35E-01	0.00E+00	0.00E+00	3.91E-10	7.57E-08	5.42E-02	0.00E+00	0.00E+00	0.00E+00	1.97E-03	7.81E-02	3.11E+02	0.00E+00	3.41E-08	1.15E-08	1.83E+01	5.56E-04	4.14E-01	0.00E+00	3.10E+02	8.76E-07	3.10E+02	3.11E+02	4.14E-01	0.00E+00	0.00E+00	0.00E+00	8.49E-02
HW4E325FB	9.04E-02	1.43E+01	8.00E+00	1.43E+01	0.00E+00	0.00E+00	9.35E+00	5.35E-04	4.24E-02	4.85E-01	0.00E+00	0.00E+00	2.51E-10	4.85E-08	3.48E-02	0.00E+00	0.00E+00	0.00E+00	1.26E-03	5.01E-02	1.19E+02	0.00E+00	2.13E-08	7.35E-07	1.17E+01	3.57E-04	2.84E-01	0.00E+00	1.99E+02	5.62E-07	1.99E+02	1.99E+02	2.68E-01	0.00E+00	0.00E+00	0.00E+00	5.42E-02
HW4E325FE	9.04E-02	1.43E+01	8.00E+00	1.43E+01	0.00E+00	0.00E+00	9.35E+00	5.35E-04	4.24E-02	4.85E-01	0.00E+00	0.00E+00	2.51E-10	4.85E-08	3.48E-02	0.00E+00	0.00E+00	0.00E+00	1.26E-03	5.01E-02	1.19E+02	0.00E+00	2.13E-08	7.35E-07	1.17E+01	3.57E-04	2.84E-01	0.00E+00	1.99E+02	5.62E-07	1.99E+02	1.99E+02	2.68E-01	0.00E+00	0.00E+00	0.00E+00	5.42E-02
HW4E332DB	1.44E-01	2.27E+01	8.00E+00	2.27E+01	0.00E+00	0.00E+00	1.44E+01	8.53E-08	6.75E-02	7.40E-01	0.00E+00	0.00E+00	4.00E-10	7.73E-08	5.54E-02	0.00E+00	0.00E+00	0.00E+00	2.01E-03	7.98E-02	3.17E+02	0.00E+00	3.48E-08	1.17E-08	1.87E+01	5.68E-04	4.23E-01	0.00E+00	3.17E+02	8.35E-07	3.17E+02	3.18E+02	4.23E-01	0.00E+00</			

HWY041HSA	4.78E-02	1.03E+00	6.00E+00	1.03E+00	0.00E+00	0.00E+00	6.12E-01	3.53E-01	8.40E-03	9.20E-02	0.00E+00	0.00E+00	1.53E-11	3.40E-10	2.12E-03	0.00E+00	0.00E+00	0.00E+00	7.85E-05	3.13E-02	1.30E+01	0.00E+00	1.33E+00	1.88E+01	2.37E+02	2.17E+05	1.84E+02	0.00E+00	1.30E+01	3.98E+00	1.30E+01	1.30E+01	1.64E+02	0.00E+00	0.00E+00	0.00E+00	3.37E-03
HWY044HSA	3.04E-02	6.54E-01	0.00E+00	6.54E-01	0.00E+00	0.00E+00	3.60E-01	2.25E-01	3.36E-03	5.87E-02	0.00E+00	0.00E+00	9.73E-12	2.17E-10	1.35E-03	0.00E+00	0.00E+00	0.00E+00	5.00E-05	1.99E-02	8.29E+00	0.00E+00	8.49E-10	1.20E-01	1.51E-02	1.38E+05	1.09E+02	0.00E+00	8.29E+00	2.33E+00	8.26E+00	8.27E+00	1.09E+02	0.00E+00	0.00E+00	0.00E+00	2.13E-03
HWY045HSA	3.95E-02	8.50E-01	0.00E+00	8.50E-01	0.00E+00	0.00E+00	5.08E-01	2.92E-01	4.87E-03	7.43E-02	0.00E+00	0.00E+00	1.29E-11	2.82E-10	1.78E-03	0.00E+00	0.00E+00	0.00E+00	6.51E-05	2.59E-02	1.30E+01	0.00E+00	1.11E-10	1.56E-01	1.86E+02	1.37E+05	0.00E+00	1.08E+01	3.04E+00	1.08E+01	1.08E+01	1.37E+05	0.00E+00	0.00E+00	0.00E+00	2.79E-03	
HWY046HSA	2.29E-02	4.91E-01	0.00E+00	4.91E-01	0.00E+00	0.00E+00	2.93E-01	1.69E-01	4.02E-03	4.41E-02	0.00E+00	0.00E+00	7.29E-12	1.63E-10	1.01E-03	0.00E+00	0.00E+00	0.00E+00	3.76E-05	1.50E-02	8.10E+00	0.00E+00	6.39E-10	8.09E+00	1.13E+02	1.04E+05	7.94E+02	0.00E+00	6.21E+00	1.75E+00	8.21E+00	6.21E+00	7.94E+02	0.00E+00	0.00E+00	0.00E+00	1.61E-03
HWY047HSA	2.29E-02	6.32E-01	0.00E+00	6.32E-01	0.00E+00	0.00E+00	3.78E-01	2.33E-01	3.12E-03	5.68E-02	0.00E+00	0.00E+00	9.40E-12	2.10E-10	1.32E-03	0.00E+00	0.00E+00	0.00E+00	5.00E-05	1.99E-02	8.29E+00	0.00E+00	8.29E-10	1.20E-01	1.46E+02	1.36E+05	1.09E+02	0.00E+00	8.29E+00	2.33E+00	8.26E+00	8.27E+00	1.09E+02	0.00E+00	0.00E+00	0.00E+00	2.08E-03
HWY048HSA	1.96E-02	4.20E+00	0.00E+00	4.20E+01	0.00E+00	0.00E+00	6.24E-01	3.44E-01	3.46E-03	3.71E-02	0.00E+00	0.00E+00	1.36E-11	3.96E-10	8.88E-04	0.00E+00	0.00E+00	0.00E+00	3.21E-05	2.19E-02	5.51E+00	0.00E+00	5.69E-10	7.69E+00	9.71E+03	8.60E+00	6.70E+02	0.00E+00	5.51E+00	1.50E+00	5.51E+00	5.51E+00	9.76E+03	0.00E+00	0.00E+00	0.00E+00	1.38E-03
HWY049HSA	2.52E-02	5.41E-01	0.00E+00	5.41E-01	0.00E+00	0.00E+00	3.23E-01	1.88E-01	4.43E-03	4.89E-02	0.00E+00	0.00E+00	8.94E-12	1.79E-10	1.13E-03	0.00E+00	0.00E+00	0.00E+00	4.14E-05	1.65E-02	8.54E+00	0.00E+00	7.03E-10	8.59E+00	1.25E+02	1.15E+05	8.75E+02	0.00E+00	6.84E+00	1.93E+00	6.84E+00	6.85E+00	8.75E+02	0.00E+00	0.00E+00	0.00E+00	1.79E-03
HWY058HSA	1.36E-02	4.00E+00	0.00E+00	4.00E+01	0.00E+00	0.00E+00	2.39E-01	1.38E-01	3.28E-03	3.59E-02	0.00E+00	0.00E+00	5.94E-12	1.72E-10	8.20E-04	0.00E+00	0.00E+00	0.00E+00	3.06E-05	1.22E-02	5.99E+00	0.00E+00	5.20E-10	7.32E+00	9.24E-03	8.48E+00	6.47E+02	0.00E+00	5.06E+00	1.43E+00	5.06E+00	5.06E+00	6.47E+02	0.00E+00	0.00E+00	0.00E+00	1.31E-03
HWY059HSA	1.81E-02	5.20E-01	0.00E+00	5.20E-01	0.00E+00	0.00E+00	3.10E-01	1.79E-01	4.26E-03	4.67E-02	0.00E+00	0.00E+00	7.72E-12	1.72E-10	1.07E-03	0.00E+00	0.00E+00	0.00E+00	3.98E-05	1.59E-02	8.57E+00	0.00E+00	6.79E-10	9.51E+00	1.20E+02	1.30E+05	8.49E+02	0.00E+00	6.57E+00	1.86E+00	6.57E+00	6.58E+00	8.49E+02	0.00E+00	0.00E+00	0.00E+00	1.71E-03
HWY068HSA	3.65E-02	1.04E+00	0.00E+00	1.04E+00	0.00E+00	0.00E+00	6.24E-01	3.24E-01	3.56E-03	3.90E-02	0.00E+00	0.00E+00	1.05E-11	3.46E-10	1.30E-03	0.00E+00	0.00E+00	0.00E+00	5.29E-05	2.19E-02	5.51E+00	0.00E+00	5.69E-10	7.69E+00	9.71E+03	8.60E+00	6.70E+02	0.00E+00	5.51E+00	1.50E+00	5.51E+00	5.51E+00	9.76E+03	0.00E+00	0.00E+00	0.00E+00	1.34E-03
HWY069HSA	4.64E-02	1.34E+00	0.00E+00	1.34E+00	0.00E+00	0.00E+00	7.67E-01	4.19E-01	1.09E-02	1.20E-01	0.00E+00	0.00E+00	1.98E-11	4.42E-10	2.78E-03	0.00E+00	0.00E+00	0.00E+00	1.02E-04	4.07E-02	1.63E+01	0.00E+00	1.74E+00	2.44E-01	3.03E+02	2.83E+05	2.18E+02	0.00E+00	1.69E+01	4.77E+00	1.69E+01	1.69E+01	2.18E+02	0.00E+00	0.00E+00	0.00E+00	4.39E-03
HWY158HSA	3.37E-02	9.69E-01	0.00E+00	9.69E-01	0.00E+00	0.00E+00	5.79E-01	3.32E-01	3.94E-03	8.70E-02	0.00E+00	0.00E+00	1.44E-11	3.21E-10	2.00E-03	0.00E+00	0.00E+00	0.00E+00	7.42E-05	2.99E-02	1.23E+01	0.00E+00	1.26E-10	1.77E-01	2.24E+02	2.05E+05	1.57E+02	0.00E+00	1.23E+01	3.46E+00	1.23E+01	1.23E+01	1.57E+02	0.00E+00	0.00E+00	0.00E+00	3.19E-03
HWY159HSA	4.41E-02	1.29E+00	0.00E+00	1.29E+00	0.00E+00	0.00E+00	7.64E-01	4.24E-01	1.05E-02	1.35E-01	0.00E+00	0.00E+00	1.90E-11	3.42E-10	2.94E-03	0.00E+00	0.00E+00	0.00E+00	9.79E-05	3.94E-02	1.62E+01	0.00E+00	1.86E+00	2.34E-01	2.95E+02	2.71E+05	2.17E+02	0.00E+00	1.62E+01	4.57E+00	1.62E+01	1.62E+01	2.17E+02	0.00E+00	0.00E+00	0.00E+00	4.26E-03
HWY160HSA	3.90E-02	1.08E+00	0.00E+00	1.08E+00	0.00E+00	0.00E+00	6.53E-01	3.70E-01	1.42E-03	9.82E-02	0.00E+00	0.00E+00	1.62E-11	3.42E-10	2.29E-03	0.00E+00	0.00E+00	0.00E+00	8.30E-05	3.32E-02	1.42E+00	0.00E+00	1.42E+00	2.00E-01	2.53E+02	2.32E+05	2.07E+02	0.00E+00	1.39E+01	3.90E+00	1.39E+01	1.39E+01	2.07E+02	0.00E+00	0.00E+00	0.00E+00	3.52E-03
HWY161HSA	4.86E-02	1.41E+00	0.00E+00	1.41E+00	0.00E+00	0.00E+00	8.63E-01	4.83E-01	1.15E-02	1.26E-01	0.00E+00	0.00E+00	2.06E-11	4.86E-10	2.90E-03	0.00E+00	0.00E+00	0.00E+00	1.08E-04	4.29E-02	1.78E+01	0.00E+00	1.82E-10	2.57E-01	3.25E+02	2.96E+05	2.27E+02	0.00E+00	1.78E+01	5.02E+00	1.78E+01	1.78E+01	2.27E+02	0.00E+00	0.00E+00	0.00E+00	4.62E-03
HWY168HSA	6.52E-02	1.89E+00	0.00E+00	1.89E+00	0.00E+00	0.00E+00	1.12E+00	6.46E-01	1.54E-02	1.69E-01	0.00E+00	0.00E+00	2.79E-11	6.22E-10	3.98E-03	0.00E+00	0.00E+00	0.00E+00	1.44E-04	5.73E-02	2.27E+01	0.00E+00	2.44E+00	3.44E-01	3.34E+02	3.06E+05	3.04E+02	0.00E+00	2.37E+01	6.75E+00	2.37E+01	2.38E+01	3.04E+02	0.00E+00	0.00E+00	0.00E+00	6.17E-03
HWY169HSA	8.51E-02	2.40E+00	0.00E+00	2.40E+00	0.00E+00	0.00E+00	1.46E+00	8.43E-01	2.02E-02	2.20E-01	0.00E+00	0.00E+00	3.64E-11	8.12E-10	5.06E-03	0.00E+00	0.00E+00	0.00E+00	1.88E-04	7.47E-02	3.10E+01	0.00E+00	3.19E+00	4.48E-01	3.66E+02	3.59E+05	3.59E+02	0.00E+00	3.10E+01	8.75E+00	3.10E+01	3.10E+01	3.59E+02	0.00E+00	0.00E+00	0.00E+00	8.05E-03
HWY140HSA	3.09E-02	4.57E-01	0.00E+00	4.57E-01	0.00E+00	0.00E+00	3.00E-01	1.72E-01	3.19E-03	5.49E-02	0.00E+00	0.00E+00	8.09E-12	1.56E-10	1.12E-03	0.00E+00	0.00E+00	0.00E+00	4.05E-05	1.61E-02	8.39E+00	0.00E+00	7.02E-10	2.36E+00	3.76E-03	3.15E+05	8.49E+02	0.00E+00	6.39E+00	1.80E+00	6.39E+00	6.40E+00	8.39E+02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
HWY141HSA	4.04E-02	5.98E-01	0.00E+00	5.98E-01	0.00E+00	0.00E+00	3.92E-01	2.24E-01	3.78E-03	1.95E-02	0.00E+00	0.00E+00	1.05E-11	2.89E-10	1.46E-03	0.00E+00	0.00E+00	0.00E+00	5.29E-05	2.19E-02	5.51E+00	0.00E+00	5.69E-10	7.69E+00	9.71E+03	8.60E+00	6.70E+02	0.00E+00	5.51E+00	1.50E+00	5.51E+00	5.51E+00	9.76E+03	0.00E+00	0.00E+00	0.00E+00	1.34E-03
HWY144HSA	2.58E-03	3.92E-01	0.00E+00	3.92E-01	0.00E+00	0.00E+00	2.55E-01	1.43E-01	1.14E-03	1.25E-02	0.00E+00	0.00E+00	8.72E-12	1.30E-10	9.31E-04	0.00E+00	0.00E+00	0.00E+00	3.38E-05	1.34E-02	5.33E+00	0.00E+00	5.89E-10	1.97E+00	3.14E-03	9.58E+00	7.12E+02	0.00E+00	5.33E+00	1.51E+00	5.33E+00	5.34E+00	7.12E+02	0.00E+00	0.00E+00	0.00E+00	1.45E-03
HWY145HSA	3.37E-03	4.59E-01	0.00E+00	4.59E-01	0.00E+00	0.00E+00	3.27E-01	1.87E-01	1.48E-03	1.63E-02	0.00E+00	0.00E+00	8.78E-12	1.79E-10	1.22E-03	0.00E+00	0.00E+00	0.00E+00	4.42E-05	1.79E-02	6.37E+00	0.00E+00	7.66E-10	2.57E+00	4.10E-03	1.25E+05	9.30E+02	0.00E+00	8.97E+00	1.97E+00	8.97E+00	8.98E+00	9.30E+02	0.00E+00	0.00E+00	0.00E+00	1.90E-03
HWY150HSA	1.61E-03	2.39E-01	0.00E+00	2.39E-01	0.00E+00	0.00E+00	1.54E-01	8.86E-02	7.09E-04	7.78E-03	0.00E+00	0.00E+00	4.29E-12	8.12E-11	5.82E-04	0.00E+00	0.00E+00	0.00E+00	2.11E-05	8.39E-03	3.33E+00	0.00E+00	3.66E-10	1.23E+00	1.96E-03	5.97E+00	4.45E+02	0.00E+00	3.33E+00	9.40E+00	3.33E+00	3.34E+00	4.45E+02	0.00E+00	0.00E+00	0.00E+00	9.07E-04
HWY151HSA	2.05E-03	3.03E-01	0.00E+00	3.03E-01	0.00E+00	0.00E+00	1.99E-01	1.14E-01	9.02E-04	9.89E-03	0.00E+00	0.00E+00	5.34E-12	1.02E-10	7.48E-04	0.00E+00	0.00E+00	0.00E+00	2.69E-05	1.07E-02	4.33E+00	0.00E+00	4.65E-10	1.56E+00	2.50E-03	7.65E+00	5.69E+02	0.00E+00	4.33E+00	1.20E+00	4.33E+00	4.34E+00	5.69E+02	0.00E+00	0.00E+00	0.00E+00	1.15E-03
HWY162H	3.90E-03	6.06E-01	0.00E+00	6.06E-01	0.00E+00	0.00E+00	3.96E-01	2.28E-01	1.80E-03	1.58E-02	0.00E+00	0.00E+00	1.05E-11	2.10E-10	1.40E-03	0.00E+00	0.00E+00	0.00E+00	5.07E-05	2.12E-02	8.47E+00	0.00E+00	9.31E-10	3.11E+00	3.25E+02	2.95E+05	1.13E+02	0.00E+00	8.47E+00	2.36E+00	8.47E+00	8.48E+00	1.13E+02	0.00E+00	0.00E+00	0.00E+00	2.31E-03
HWY162HSA	3.95E-02	1.14E+00	0.00E+00	1.14E+00	0.00E+00	0.00E+00	6.79E-01	3.91E-01	9.33E-03	1.62E-01	0.00E+00	0.00E+00	1.69E-11	3.77E-10	2.35E-03	0.00E+00	0.00E+00	0.00E+00	8.71E-05	3.47E-02	1.44E+01	0.00E+00	1.48E+00	2.08E-01	2.83E+02	2.42E+05	1.84E+02	0.00E+00	1.44E+01	4.03E+00	1.44E+01						

[illegible]

Installation A5	HW4P425ZE	1.13E-01	1.78E-01	6.00E-00	1.78E-01	0.00E+00	0.00E+00	1.17E+01	6.89E-08	3.30E-03	5.81E-01	0.00E+00	0.00E+00	3.13E-10	0.06E-08	4.34E-02	0.00E+00	0.00E+00	0.00E+00	1.58E-03	6.26E-01	2.49E-02	0.00E+00	2.75E-08	9.18E-07	1.47E-01	4.48E-04	3.32E-01	0.00E+00	2.49E-02	7.02E-07	2.46E-03	2.49E-02	3.32E-01	0.00E+00	0.00E+00	0.00E+00	6.77E-02
	HW4S420ZE	1.13E-01	1.78E-01	6.00E-00	1.78E-01	0.00E+00	0.00E+00	1.17E+01	6.89E-08	3.30E-03	5.81E-01	0.00E+00	0.00E+00	3.13E-10	0.06E-08	4.34E-02	0.00E+00	0.00E+00	0.00E+00	1.58E-03	6.26E-01	2.49E-02	0.00E+00	2.75E-08	9.18E-07	1.47E-01	4.48E-04	3.32E-01	0.00E+00	2.49E-02	7.02E-07	2.46E-03	2.49E-02	3.32E-01	0.00E+00	0.00E+00	0.00E+00	6.77E-02
	HW4S425ZE	1.13E-01	1.78E-01	6.00E-00	1.78E-01	0.00E+00	0.00E+00	1.17E+01	6.89E-08	3.30E-03	5.81E-01	0.00E+00	0.00E+00	3.13E-10	0.06E-08	4.34E-02	0.00E+00	0.00E+00	0.00E+00	1.58E-03	6.26E-01	2.49E-02	0.00E+00	2.75E-08	9.18E-07	1.47E-01	4.48E-04	3.32E-01	0.00E+00	2.49E-02	7.02E-07	2.46E-03	2.49E-02	3.32E-01	0.00E+00	0.00E+00	0.00E+00	6.77E-02
	HW4W432ZS	1.08E-01	1.71E-01	6.00E-00	1.71E-01	0.00E+00	0.00E+00	1.12E+01	6.43E-08	1.09E-02	5.58E-01	0.00E+00	0.00E+00	3.01E-10	8.02E-08	4.17E-02	0.00E+00	0.00E+00	0.00E+00	1.51E-03	6.01E-01	2.39E-02	0.00E+00	2.61E-08	8.82E-07	1.41E-01	4.28E-04	3.19E-01	0.00E+00	2.39E-02	6.74E-07	2.36E-03	2.39E-02	3.19E-01	0.00E+00	0.00E+00	0.00E+00	6.51E-02
	HW4W440ZS	1.08E-01	1.71E-01	6.00E-00	1.71E-01	0.00E+00	0.00E+00	1.12E+01	6.43E-08	1.09E-02	5.58E-01	0.00E+00	0.00E+00	3.01E-10	8.02E-08	4.17E-02	0.00E+00	0.00E+00	0.00E+00	1.51E-03	6.01E-01	2.39E-02	0.00E+00	2.61E-08	8.82E-07	1.41E-01	4.28E-04	3.19E-01	0.00E+00	2.39E-02	6.74E-07	2.36E-03	2.39E-02	3.19E-01	0.00E+00	0.00E+00	0.00E+00	6.51E-02
	HW4W440ZS	1.08E-01	1.71E-01	6.00E-00	1.71E-01	0.00E+00	0.00E+00	1.12E+01	6.43E-08	1.09E-02	5.58E-01	0.00E+00	0.00E+00	3.01E-10	8.02E-08	4.17E-02	0.00E+00	0.00E+00	0.00E+00	1.51E-03	6.01E-01	2.39E-02	0.00E+00	2.61E-08	8.82E-07	1.41E-01	4.28E-04	3.19E-01	0.00E+00	2.39E-02	6.74E-07	2.36E-03	2.39E-02	3.19E-01	0.00E+00	0.00E+00	0.00E+00	6.51E-02
	HW4W425ZS	1.08E-01	1.71E-01	6.00E-00	1.71E-01	0.00E+00	0.00E+00	1.12E+01	6.43E-08	1.09E-02	5.58E-01	0.00E+00	0.00E+00	3.01E-10	8.02E-08	4.17E-02	0.00E+00	0.00E+00	0.00E+00	1.51E-03	6.01E-01	2.39E-02	0.00E+00	2.61E-08	8.82E-07	1.41E-01	4.28E-04	3.19E-01	0.00E+00	2.39E-02	6.74E-07	2.36E-03	2.39E-02	3.19E-01	0.00E+00	0.00E+00	0.00E+00	6.51E-02
	HE1E136CA0AA-MTS	4.48E-01	1.29E-01	0.00E+00	1.29E-01	0.00E+00	0.00E+00	7.15E+00	4.12E-08	8.82E-02	1.08E+00	0.00E+00	0.00E+00	1.78E-10	3.97E-08	2.47E-02	0.00E+00	0.00E+00	0.00E+00	9.17E-04	3.68E-01	1.51E-02	0.00E+00	1.56E-08	2.18E-08	2.77E-01	2.54E-04	1.94E-01	0.00E+00	1.51E-02	4.38E-07	1.51E-03	1.52E-02	1.94E-01	0.00E+00	0.00E+00	0.00E+00	3.94E-02
	HE1E146CA0AA-MTS	4.48E-01	1.29E-01	0.00E+00	1.29E-01	0.00E+00	0.00E+00	7.69E+00	4.12E-08	8.82E-02	1.15E+00	0.00E+00	0.00E+00	1.93E-10	4.27E-08	2.66E-02	0.00E+00	0.00E+00	0.00E+00	9.88E-04	3.92E-01	1.53E-02	0.00E+00	1.67E-08	2.36E-08	2.88E-01	2.73E-04	2.06E-01	0.00E+00	1.63E-02	4.80E-07	1.63E-03	1.68E-02	2.06E-01	0.00E+00	0.00E+00	0.00E+00	4.23E-02
	HE2E325CA0AA-MTS	5.82E-01	1.68E-01	0.00E+00	1.68E-01	0.00E+00	0.00E+00	1.00E+00	5.74E-08	1.37E-01	1.50E+00	0.00E+00	0.00E+00	2.49E-10	5.55E-08	3.36E-02	0.00E+00	0.00E+00	0.00E+00	1.28E-03	5.12E-01	2.12E-02	0.00E+00	2.18E-08	3.67E-08	3.87E-01	3.67E-04	2.71E-01	0.00E+00	2.12E-02	5.98E-07	2.12E-03	2.12E-02	2.71E-01	0.00E+00	0.00E+00	0.00E+00	5.50E-02
	HE2E425CA0AA-MTS	6.48E-01	1.87E-01	0.00E+00	1.87E-01	0.00E+00	0.00E+00	1.12E+01	6.43E-08	1.53E-01	1.68E+00	0.00E+00	0.00E+00	2.77E-10	6.13E-08	3.88E-02	0.00E+00	0.00E+00	0.00E+00	1.43E-03	5.70E-01	2.39E-02	0.00E+00	2.43E-08	3.42E-08	4.32E-01	3.96E-04	3.02E-01	0.00E+00	2.39E-02	6.67E-07	2.36E-03	2.39E-02	3.02E-01	0.00E+00	0.00E+00	0.00E+00	6.14E-02
	HE4E340CA0AA-MTS	7.12E-01	2.09E-01	6.00E+00	2.09E-01	0.00E+00	0.00E+00	1.22E+01	7.04E-08	1.88E-01	1.84E+00	0.00E+00	0.00E+00	3.04E-10	6.79E-08	4.23E-02	0.00E+00	0.00E+00	0.00E+00	1.57E-03	6.26E-01	2.59E-02	0.00E+00	2.66E-08	3.79E-08	4.73E-01	4.36E-04	3.31E-01	0.00E+00	2.59E-02	7.31E-07	2.59E-03	2.59E-02	3.31E-01	0.00E+00	0.00E+00	0.00E+00	6.73E-02
	HE4E40CA0AA-MTS	8.16E-01	2.35E-01	0.00E+00	2.35E-01	0.00E+00	0.00E+00	1.40E+01	8.05E-08	1.93E-01	2.11E+00	0.00E+00	0.00E+00	3.49E-10	7.75E-08	4.85E-02	0.00E+00	0.00E+00	0.00E+00	1.80E-03	7.17E-01	2.87E-02	0.00E+00	3.05E-08	4.30E-08	5.42E-01	4.96E-04	3.87E-01	0.00E+00	2.97E-02	8.39E-07	2.97E-03	2.97E-02	3.87E-01	0.00E+00	0.00E+00	0.00E+00	7.72E-02
	HW1M312DB	4.02E-02	4.25E-03	1.88E-01	2.28E-01	0.00E+00	0.00E+00	1.90E+00	1.98E-04	2.15E-02	1.38E-01	5.26E-01	2.69E-01	1.24E-09	4.71E-08	3.18E-01	2.91E-02	5.77E-00	4.88E-03	3.20E-02	1.60E-01	1.14E-02	0.00E+00	1.61E-07	2.11E-07	3.12E-02	7.67E-04	8.37E-01	0.00E+00	1.44E-02	1.13E-07	1.14E-03	1.98E-02	8.37E-01	0.00E+00	0.00E+00	0.00E+00	1.37E-00
	HF1E316DCGH-MTS	1.18E-02	3.04E-03	1.88E-01	1.38E-01	0.00E+00	0.00E+00	5.95E-01	7.26E-03	9.55E-03	4.35E-02	5.26E-01	2.69E-01	2.44E-07	1.89E-08	3.27E-01	4.96E-03	5.03E-00	4.88E-03	1.63E-02	1.23E-01	2.83E-01	0.00E+00	4.53E-08	6.19E-08	1.36E-02	3.22E-04	7.22E-01	0.00E+00	2.82E-01	-6.05E-08	2.82E-01	1.00E-02	7.22E-01	0.00E+00	0.00E+00	0.00E+00	7.01E-01
	HF1E318DEGH-MTS	1.18E-02	3.04E-03	1.88E-01	1.38E-01	0.00E+00	0.00E+00	5.95E-01	7.26E-03	9.55E-03	4.35E-02	5.26E-01	2.69E-01	2.44E-07	1.89E-08	3.27E-01	4.96E-03	5.03E-00	4.88E-03	1.63E-02	1.23E-01	2.83E-01	0.00E+00	4.53E-08	6.19E-08	1.36E-02	3.22E-04	7.22E-01	0.00E+00	2.82E-01	-6.05E-08	2.82E-01	1.00E-02	7.22E-01	0.00E+00	0.00E+00	0.00E+00	7.01E-01
	HF1E316FCGH-MTS	1.18E-02	3.04E-03	1.88E-01	1.38E-01	0.00E+00	0.00E+00	5.95E-01	7.26E-03	9.55E-03	4.35E-02	5.26E-01	2.69E-01	2.44E-07	1.89E-08	3.27E-01	4.96E-03	5.03E-00	4.88E-03	1.63E-02	1.23E-01	2.83E-01	0.00E+00	4.53E-08	6.19E-08	1.36E-02	3.22E-04	7.22E-01	0.00E+00	2.82E-01	-6.05E-08	2.82E-01	1.00E-02	7.22E-01	0.00E+00	0.00E+00	0.00E+00	7.01E-01
	HF1E316FEGH-MTS	1.18E-02	3.04E-03	1.88E-01	1.38E-01	0.00E+00	0.00E+00	5.95E-01	7.26E-03	9.55E-03	4.35E-02	5.26E-01	2.69E-01	2.44E-07	1.89E-08	3.27E-01	4.97E-03	5.03E-00	4.88E-03	1.63E-02	1.23E-01	2.83E-01	0.00E+00	4.53E-08	6.19E-08	1.36E-02	3.22E-04	7.22E-01	0.00E+00	2.82E-01	-6.05E-08	2.82E-01	1.00E-02	7.22E-01	0.00E+00	0.00E+00	0.00E+00	7.01E-01
	HF1E416DCGH-MTS	1.17E-02	3.04E-03	1.88E-01	1.38E-01	0.00E+00	0.00E+00	5.95E-01	7.26E-03	9.55E-03	4.35E-02	5.26E-01	2.69E-01	2.43E-07	1.89E-08	3.28E-01	4.97E-03	5.03E-00	4.88E-03	1.63E-02	1.23E-01	2.83E-01	0.00E+00	4.53E-08	6.19E-08	1.36E-02	3.22E-04	7.22E-01	0.00E+00	2.82E-01	-6.05E-08	2.82E-01	1.00E-02	7.22E-01	0.00E+00	0.00E+00	0.00E+00	6.99E-01
	HF1E416DEGH-MTS	1.18E-02	3.04E-03	1.88E-01	1.38E-01	0.00E+00	0.00E+00	5.95E-01	7.26E-03	9.55E-03	4.35E-02	5.26E-01	2.69E-01	2.44E-07	1.89E-08	3.28E-01	4.97E-03	5.03E-00	4.88E-03	1.63E-02	1.23E-01	2.83E-01	0.00E+00	4.53E-08	6.19E-08	1.36E-02	3.22E-04	7.22E-01	0.00E+00	2.82E-01	-6.05E-08	2.82E-01	1.00E-02	7.22E-01	0.00E+00	0.00E+00	0.00E+00	7.01E-01
	HF1E416FCGH-MTS	1.18E-02	3.04E-03	1.88E-01	1.38E-01	0.00E+00	0.00E+00	5.95E-01	7.26E-03	9.55E-03	4.35E-02	5.26E-01	2.69E-01	2.44E-07	1.89E-08	3.28E-01	4.98E-03	5.03E-00	4.88E-03	1.63E-02	1.23E-01	2.83E-01	0.00E+00	4.53E-08	6.19E-08	1.36E-02	3.22E-04	7.22E-01	0.00E+00	2.82E-01	-6.05E-08	2.82E-01	1.00E-02	7.22E-01	0.00E+00	0.00E+00	0.00E+00	7.01E-01
	HF1E416FEGH-MTS	1.18E-02	3.04E-03	1.88E-01	1.38E-01	0.00E+00	0.00E+00	5.95E-01	7.26E-03	9.55E-03	4.35E-02	5.26E-01	2.69E-01	2.44E-07	1.89E-08	3.28E-01	4.98E-03	5.03E-00	4.88E-03	1.63E-02	1.23E-01	2.83E-01	0.00E+00	4.53E-08	6.19E-08	1.36E-02	3.22E-04	7.22E-01	0.00E+00	2.82E-01	-6.05E-08	2.82E-01	1.00E-02	7.22E-01	0.00E+00	0.00E+00	0.00E+00	7.01E-01
	HF1W316DCSAH-MTS	1.17E-02	3.03E-03	1.88E-01	1.38E-01	0.00E+00	0.00E+00	5.92E-01	7.22E-03	9.52E-03	4.32E-02	5.26E-01	2.69E-01	2.43E-07	1.89E-08	3.28E-01	4.97E-03	5.03E-00	4.88E-03	1.63E-02	1.23E-01	2.83E-01	0.00E+00	4.53E-08	6.05E-08	1.36E-02	3.22E-04	7.22E-01	0.00E+00	2.79E-01	-6.12E-08	2.79E-01	1.00E-02	7.22E-01	0.00E+00	0.00E+00	0.00E+00	6.98E-01
	HF1W316FSAH-MTS	1.17E-02	3.03E-03	1.88E-01	1.38E-01	0.00E+00	0.00E+00	5.92E-01	7.22E-03	9.52E-03	4.32E-02	5.26E-01	2.69E-01	2.43E-07	1.89E-08	3.28E-01	4.97E-03	5.03E-00	4.88E-03	1.63E-02	1.23E-01	2.83E-01	0.00E+00	4.53E-08	6.05E-08	1.36E-02	3.22E-04	7.22E-01	0.00E+00	2.79E-01	-6.12E-08	2.79E-01	1.00E-02	7.22E-01	0.00E+00	0.00E+00	0.00E+00	6.98E-01
	HF1W416DSAH-MTS	1.18E-02	3.03E-03	1.88E-01	1.38E-01	0.00E+00	0.00E+00	5.92E-01	7.22E-03	9.52E-03																												

HW1M308DB	3.686e-01	4.136e+01	1.889e-01	2.286e+01	0.000e+00	0.000e+00	1.900e+02	1.965e-04	2.150e+02	1.386e-01	5.216e+00	2.866e-01	1.246e+00	4.810e-06	1.676e+00	2.910e+02	5.770e+00	4.488e+00	3.200e-02	1.800e+01	1.140e+00	0.000e+00	1.610e+07	2.110e+01	3.120e+02	7.670e-04	8.370e+01	0.000e+00	1.140e+02	1.190e+07	1.140e+02	1.980e+02	8.370e+01	0.000e+00	0.000e+00	0.000e+00	1.370e+00
HW1M308DE	3.686e-01	4.136e+01	1.889e-01	2.286e+01	0.000e+00	0.000e+00	1.900e+02	1.965e-04	2.150e+02	1.386e-01	5.216e+00	2.866e-01	1.246e+00	4.810e-06	1.676e+00	2.910e+02	5.770e+00	4.488e+00	3.200e-02	1.800e+01	1.140e+00	0.000e+00	1.610e+07	2.110e+01	3.120e+02	7.670e-04	8.370e+01	0.000e+00	1.140e+02	1.190e+07	1.140e+02	1.980e+02	8.370e+01	0.000e+00	0.000e+00	0.000e+00	1.370e+00
HW1M308FE	3.686e-01	4.136e+01	1.889e-01	2.286e+01	0.000e+00	0.000e+00	1.900e+02	1.965e-04	2.150e+02	1.386e-01	5.216e+00	2.866e-01	1.246e+00	4.810e-06	1.676e+00	2.910e+02	5.770e+00	4.488e+00	3.200e-02	1.800e+01	1.140e+00	0.000e+00	1.610e+07	2.110e+01	3.120e+02	7.670e-04	8.370e+01	0.000e+00	1.140e+02	1.190e+07	1.140e+02	1.980e+02	8.370e+01	0.000e+00	0.000e+00	0.000e+00	1.370e+00
HW1M308FB	3.686e-01	4.136e+01	1.889e-01	2.286e+01	0.000e+00	0.000e+00	1.900e+02	1.965e-04	2.150e+02	1.386e-01	5.216e+00	2.866e-01	1.246e+00	4.810e-06	1.676e+00	2.910e+02	5.770e+00	4.488e+00	3.200e-02	1.800e+01	1.140e+00	0.000e+00	1.610e+07	2.110e+01	3.120e+02	7.670e-04	8.370e+01	0.000e+00	1.140e+02	1.190e+07	1.140e+02	1.980e+02	8.370e+01	0.000e+00	0.000e+00	0.000e+00	1.370e+00
HW1M310DB	3.686e-01	4.136e+01	1.889e-01	2.286e+01	0.000e+00	0.000e+00	1.900e+02	1.965e-04	2.150e+02	1.386e-01	5.216e+00	2.866e-01	1.246e+00	4.810e-06	1.676e+00	2.910e+02	5.770e+00	4.488e+00	3.200e-02	1.800e+01	1.140e+00	0.000e+00	1.610e+07	2.110e+01	3.120e+02	7.670e-04	8.370e+01	0.000e+00	1.140e+02	1.190e+07	1.140e+02	1.980e+02	8.370e+01	0.000e+00	0.000e+00	0.000e+00	1.370e+00
HW1M310DE	3.686e-01	4.136e+01	1.889e-01	2.286e+01	0.000e+00	0.000e+00	1.900e+02	1.965e-04	2.150e+02	1.386e-01	5.216e+00	2.866e-01	1.246e+00	4.810e-06	1.676e+00	2.910e+02	5.770e+00	4.488e+00	3.200e-02	1.800e+01	1.140e+00	0.000e+00	1.610e+07	2.110e+01	3.120e+02	7.670e-04	8.370e+01	0.000e+00	1.140e+02	1.190e+07	1.140e+02	1.980e+02	8.370e+01	0.000e+00	0.000e+00	0.000e+00	1.370e+00
HW1M310FE	3.686e-01	4.136e+01	1.889e-01	2.286e+01	0.000e+00	0.000e+00	1.900e+02	1.965e-04	2.150e+02	1.386e-01	5.216e+00	2.866e-01	1.246e+00	4.810e-06	1.676e+00	2.910e+02	5.770e+00	4.488e+00	3.200e-02	1.800e+01	1.140e+00	0.000e+00	1.610e+07	2.110e+01	3.120e+02	7.670e-04	8.370e+01	0.000e+00	1.140e+02	1.190e+07	1.140e+02	1.980e+02	8.370e+01	0.000e+00	0.000e+00	0.000e+00	1.370e+00
HW1M310FB	2.410e-04	2.040e-01	2.000e-02	1.830e-01	0.000e+00	0.000e+00	6.200e-01	1.270e-05	7.480e-05	6.900e-04	6.000e+00	4.020e-04	3.950e-09	2.410e-02	2.820e-02	9.300e-05	3.830e-02	3.030e-02	4.220e-04	1.050e-01	8.140e-01	0.000e+00	8.130e-10	1.540e-09	1.460e-09	6.990e-06	1.190e-01	8.140e-01	9.300e-01	1.190e-01	0.000e+00	0.000e+00	0.000e+00	0.000e+00	1.370e+00		
HW1M312DB	3.686e-01	4.136e+01	1.889e-01	2.286e+01	0.000e+00	0.000e+00	1.900e+02	1.965e-04	2.150e+02	1.386e-01	5.216e+00	2.866e-01	1.246e+00	4.810e-06	1.676e+00	2.910e+02	5.770e+00	4.488e+00	3.200e-02	1.800e+01	1.140e+00	0.000e+00	1.610e+07	2.110e+01	3.120e+02	7.670e-04	8.370e+01	0.000e+00	1.140e+02	1.190e+07	1.140e+02	1.980e+02	8.370e+01	0.000e+00	0.000e+00	0.000e+00	1.370e+00
HW1M312DE	3.686e-01	4.136e+01	1.889e-01	2.286e+01	0.000e+00	0.000e+00	1.900e+02	1.965e-04	2.150e+02	1.386e-01	5.216e+00	2.866e-01	1.246e+00	4.810e-06	1.676e+00	2.910e+02	5.770e+00	4.488e+00	3.200e-02	1.800e+01	1.140e+00	0.000e+00	1.610e+07	2.110e+01	3.120e+02	7.670e-04	8.370e+01	0.000e+00	1.140e+02	1.190e+07	1.140e+02	1.980e+02	8.370e+01	0.000e+00	0.000e+00	0.000e+00	1.370e+00
HW1M312FE	3.686e-01	4.136e+01	1.889e-01	2.286e+01	0.000e+00	0.000e+00	1.900e+02	1.965e-04	2.150e+02	1.386e-01	5.216e+00	2.866e-01	1.246e+00	4.810e-06	1.676e+00	2.910e+02	5.770e+00	4.488e+00	3.200e-02	1.800e+01	1.140e+00	0.000e+00	1.610e+07	2.110e+01	3.120e+02	7.670e-04	8.370e+01	0.000e+00	1.140e+02	1.190e+07	1.140e+02	1.980e+02	8.370e+01	0.000e+00	0.000e+00	0.000e+00	1.370e+00
HW1M312FB	3.686e-01	4.136e+01	1.889e-01	2.286e+01	0.000e+00	0.000e+00	1.900e+02	1.965e-04	2.150e+02	1.386e-01	5.216e+00	2.866e-01	1.246e+00	4.810e-06	1.676e+00	2.910e+02	5.770e+00	4.488e+00	3.200e-02	1.800e+01	1.140e+00	0.000e+00	1.610e+07	2.110e+01	3.120e+02	7.670e-04	8.370e+01	0.000e+00	1.140e+02	1.190e+07	1.140e+02	1.980e+02	8.370e+01	0.000e+00	0.000e+00	0.000e+00	1.370e+00
HW1M316DB	3.686e-01	4.136e+01	1.889e-01	2.286e+01	0.000e+00	0.000e+00	1.900e+02	1.965e-04	2.150e+02	1.386e-01	5.216e+00	2.866e-01	1.246e+00	4.810e-06	1.676e+00	2.910e+02	5.770e+00	4.488e+00	3.200e-02	1.800e+01	1.140e+00	0.000e+00	1.610e+07	2.110e+01	3.120e+02	7.670e-04	8.370e+01	0.000e+00	1.140e+02	1.190e+07	1.140e+02	1.980e+02	8.370e+01	0.000e+00	0.000e+00	0.000e+00	1.370e+00
HW1M316DE	3.686e-01	4.136e+01	1.889e-01	2.286e+01	0.000e+00	0.000e+00	1.900e+02	1.965e-04	2.150e+02	1.386e-01	5.216e+00	2.866e-01	1.246e+00	4.810e-06	1.676e+00	2.910e+02	5.770e+00	4.488e+00	3.200e-02	1.800e+01	1.140e+00	0.000e+00	1.610e+07	2.110e+01	3.120e+02	7.670e-04	8.370e+01	0.000e+00	1.140e+02	1.190e+07	1.140e+02	1.980e+02	8.370e+01	0.000e+00	0.000e+00	0.000e+00	1.370e+00
HW1M316FB	3.686e-01	4.136e+01	1.889e-01	2.286e+01	0.000e+00	0.000e+00	1.900e+02	1.965e-04	2.150e+02	1.386e-01	5.216e+00	2.866e-01	1.246e+00	4.810e-06	1.676e+00	2.910e+02	5.770e+00	4.488e+00	3.200e-02	1.800e+01	1.140e+00	0.000e+00	1.610e+07	2.110e+01	3.120e+02	7.670e-04	8.370e+01	0.000e+00	1.140e+02	1.190e+07	1.140e+02	1.980e+02	8.370e+01	0.000e+00	0.000e+00	0.000e+00	1.370e+00
HW1M404DB	1.170e-02	3.030e-01	1.889e-01	1.370e+01	0.000e+00	0.000e+00	5.920e+01	7.210e-05	9.520e-03	4.320e-02	5.216e+00	4.790e+02	2.420e-07	1.890e-06	3.200e-01	4.910e-03	5.020e+00	4.488e+00	1.620e-02	1.230e+01	2.790e+01	0.000e+00	4.500e-06	6.050e-06	1.360e+02	3.210e-04	7.220e+01	0.000e+00	2.790e+01	61.050e-08	2.790e+01	1.000e+02	7.220e+01	0.000e+00	0.000e+00	0.000e+00	6.970e-01
HW1M404DE	3.686e-01	4.136e+01	1.889e-01	2.286e+01	0.000e+00	0.000e+00	1.900e+02	1.965e-04	2.150e+02	1.386e-01	5.216e+00	2.866e-01	1.246e+00	4.810e-06	1.676e+00	2.910e+02	5.770e+00	4.488e+00	3.200e-02	1.800e+01	1.140e+00	0.000e+00	1.610e+07	2.110e+01	3.120e+02	7.670e-04	8.370e+01	0.000e+00	1.140e+02	1.190e+07	1.140e+02	1.980e+02	8.370e+01	0.000e+00	0.000e+00	0.000e+00	1.370e+00
HW1M404FB	3.686e-01	4.136e+01	1.889e-01	2.286e+01	0.000e+00	0.000e+00	1.900e+02	1.965e-04	2.150e+02	1.386e-01	5.216e+00	2.866e-01	1.246e+00	4.810e-06	1.676e+00	2.910e+02	5.770e+00	4.488e+00	3.200e-02	1.800e+01	1.140e+00	0.000e+00	1.610e+07	2.110e+01	3.120e+02	7.670e-04	8.370e+01	0.000e+00	1.140e+02	1.190e+07	1.140e+02	1.980e+02	8.370e+01	0.000e+00	0.000e+00	0.000e+00	1.370e+00
HW1M404FE	3.686e-01	4.136e+01	1.889e-01	2.286e+01	0.000e+00	0.000e+00	1.900e+02	1.965e-04	2.150e+02	1.386e-01	5.216e+00	2.866e-01	1.246e+00	4.810e-06	1.676e+00	2.910e+02	5.770e+00	4.488e+00	3.200e-02	1.800e+01	1.140e+00	0.000e+00	1.610e+07	2.110e+01	3.120e+02	7.670e-04	8.370e+01	0.000e+00	1.140e+02	1.190e+07	1.140e+02	1.980e+02	8.370e+01	0.000e+00	0.000e+00	0.000e+00	1.370e+00
HW1M406DB	1.170e-02	3.030e-01	1.889e-01	1.370e+01	0.000e+00	0.000e+00	5.920e+01	7.210e-05	9.520e-03	4.320e-02	5.216e+00	4.790e+02	2.420e-07	1.890e-06	3.200e-01	4.910e-03	5.020e+00	4.488e+00	1.620e-02	1.230e+01	2.790e+01	0.000e+00	4.500e-06	6.050e-06	1.360e+02	3.210e-04	7.220e+01	0.000e+00	2.790e+01	61.050e-08	2.790e+01	1.000e+02	7.220e+01	0.000e+00	0.000e+00	0.000e+00	6.970e-01
HW1M406DE	3.686e-01	4.136e+01	1.889e-01	2.286e+01	0.000e+00	0.000e+00	1.900e+02	1.965e-04	2.150e+02	1.386e-01	5.216e+00	2.866e-01	1.246e+00	4.810e-06	1.676e+00	2.910e+02	5.770e+00	4.488e+00	3.200e-02	1.800e+01	1.140e+00	0.000e+00	1.610e+07	2.110e+01	3.120e+02	7.670e-04	8.370e+01	0.000e+00	1.140e+02	1.190e+07	1.140e+02	1.980e+02	8.370e+01	0.000e+00	0.000e+00	0.000e+00	1.370e+00
HW1M406FB	3.686e-01	4.136e+01	1.889e-01	2.286e+01	0.000e+00	0.000e+00	1.900e+02	1.965e-04	2.150e+02	1.386e-01	5.216e+00	2.866e-01	1.246e+00	4.810e-06	1.676e+00	2.910e+02	5.770e+00	4.488e+00	3.200e-02	1.800e+01	1.140e+00	0.000e+00	1.610e+07	2.110e+01	3.120e+02	7.670e-04	8.370e+01	0.000e+00	1.140e+02	1.190e+07	1.140e+02	1.980e+02	8.370e+01	0.000e+00	0.000e+00	0.000e+00	1.370e+00
HW1M406FE	3.686e-01	4.136e+01	1.889e-01	2.286e+01	0.000e+00	0.000e+00	1.900e+02	1.965e-04	2.150e+02	1.386e-01	5.216e+00	2.866e-01	1.246e+00	4.810e-06	1.676e+00	2.910e+02	5.770e+00	4.488e+00	3.200e-02	1.800e+01	1.140e+00	0.000e+00	1.610e+07	2.110e+01	3.120e+02	7.670e-04	8.370e+01	0.000e+00	1.140e+02	1.190e+07	1.140e+02	1.980e+02	8.370e+01	0.000e+00	0.000e+00	0.000e+00	1.370e+00
HW1M408DB	1.170e-02	3.030e-01	1.889e-01	1.370e+01	0.000e+00	0.000e+00	5.920e+01	7.210e-05																													

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HW4E310DE	8.5863	2.4981	1.5761	0.2700	0.0000	0.0000	2.8360	1.6267	5.3963	6.4362	0.0000	0.0000	1.9460	2.5469	7.7768	6.1862	5.0365	1.5563	0.0000	1.0361	2.5663	2.3860	0.0000	3.9768	1.4368	1.3062	6.2264	0.2760	0.0000	2.3860	0.2264	2.3860	1.0361	0.2760	0.0000	0.0000	0.0000	0.0000	4.3460
HW4E316FB	8.5863	2.4981	1.5761	0.2700	0.0000	0.0000	2.8360	1.6267	5.3963	6.4362	0.0000	0.0000	1.9460	2.5469	7.7768	6.1862	5.0365	1.5563	0.0000	1.0361	2.5663	2.3860	0.0000	3.9768	1.4368	1.3062	6.2264	0.2760	0.0000	2.3860	0.2264	2.3860	1.0361	0.2760	0.0000	0.0000	0.0000	0.0000	4.3460
HW4E316FE	8.5863	2.4981	1.5761	0.2700	0.0000	0.0000	2.8360	1.6267	5.3963	6.4362	0.0000	0.0000	1.9460	2.5469	7.7768	6.1862	5.0365	1.5563	0.0000	1.0361	2.5663	2.3860	0.0000	3.9768	1.4368	1.3062	6.2264	0.2760	0.0000	2.3860	0.2264	2.3860	1.0361	0.2760	0.0000	0.0000	0.0000	0.0000	4.3460
HW4E310DB	8.5863	2.4981	1.5761	0.2700	0.0000	0.0000	2.8360	1.6267	5.3963	6.4362	0.0000	0.0000	1.9460	2.5469	7.7768	6.1862	5.0365	1.5563	0.0000	1.0361	2.5663	2.3860	0.0000	3.9768	1.4368	1.3062	6.2264	0.2760	0.0000	2.3860	0.2264	2.3860	1.0361	0.2760	0.0000	0.0000	0.0000	0.0000	4.3460
HW4E310FE	8.5863	2.4981	1.5761	0.2700	0.0000	0.0000	2.8360	1.6267	5.3963	6.4362	0.0000	0.0000	1.9460	2.5469	7.7768	6.1862	5.0365	1.5563	0.0000	1.0361	2.5663	2.3860	0.0000	3.9768	1.4368	1.3062	6.2264	0.2760	0.0000	2.3860	0.2264	2.3860	1.0361	0.2760	0.0000	0.0000	0.0000	0.0000	4.3460
HW4E310FB	8.5863	2.4981	1.5761	0.2700	0.0000	0.0000	2.8360	1.6267	5.3963	6.4362	0.0000	0.0000	1.9460	2.5469	7.7768	6.1862	5.0365	1.5563	0.0000	1.0361	2.5663	2.3860	0.0000	3.9768	1.4368	1.3062	6.2264	0.2760	0.0000	2.3860	0.2264	2.3860	1.0361	0.2760	0.0000	0.0000	0.0000	0.0000	4.3460
HW4E416DB	8.5863	2.4981	1.5761	0.2700	0.0000	0.0000	2.8360	1.7867	5.3963	6.4362	0.0000	0.0000	1.9460	2.5469	7.7768	6.1762	5.2065	1.6063	0.0000	1.0361	2.5663	2.3860	0.0000	3.9768	1.4368	1.3062	6.2264	0.2760	0.0000	2.3860	0.2264	2.3860	1.0361	0.2760	0.0000	0.0000	0.0000	0.0000	4.3460
HW4E416DE	8.5863	2.4981	1.5761	0.2700	0.0000	0.0000	2.8360	1.6267	5.3963	6.4362	0.0000	0.0000	1.9460	2.5469	7.7768	6.1862	5.0365	1.5563	0.0000	1.0361	2.5663	2.3860	0.0000	3.9768	1.4368	1.3062	6.2264	0.2760	0.0000	2.3860	0.2264	2.3860	1.0361	0.2760	0.0000	0.0000	0.0000	0.0000	4.3460
HW4E416FB	8.5863	2.4981	1.5761	0.2700	0.0000	0.0000	2.8360	1.8567	5.3963	6.4362	0.0000	0.0000	1.9460	2.5469	7.7768	6.2062	5.3965	1.8763	2.3464	1.0361	2.5663	2.3860	0.0000	3.9868	1.4368	1.3062	6.2264	0.2760	0.0000	2.3968	0.2264	2.3968	1.0361	0.2760	0.0000	0.0000	0.0000	0.0000	4.3460
HW4E416FE	8.5863	2.4981	1.5761	0.2700	0.0000	0.0000	2.8360</																																

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	HW1E312FB	1.75E+01	3.38E+02	8.22E+01	3.37E+02	0.00E+00	0.00E+00	8.89E+04	2.11E+01	3.39E+00	0.00E+00	1.48E+01	4.25E+00	1.01E+08	4.88E+02	9.35E+00	0.00E+00	0.00E+00	6.08E+01	5.70E+01	8.53E+03	0.00E+00	1.64E+08	1.39E+05	8.63E+01	1.51E+02	2.28E+03	0.00E+00	8.53E+03	1.39E+04	8.53E+03	1.08E+04	2.24E+03	0.00E+00	0.00E+00	0.00E+00	2.59E+01			
	HW1E312FE	1.88E+00	3.67E+02	8.76E+01	3.67E+02	0.00E+00	0.00E+00	8.94E+02	8.67E+04	2.29E+01	3.68E+00	0.00E+00	1.61E+01	4.62E+00	1.10E+08	5.28E+02	1.02E+01	0.00E+00	0.00E+00	6.61E+01	6.20E+01	8.27E+03	0.00E+00	1.78E+08	1.52E+05	7.22E+01	1.42E+02	2.45E+03	0.00E+00	9.27E+03	1.39E+04	9.27E+03	1.17E+04	2.43E+03	0.00E+00	0.00E+00	0.00E+00	2.81E+01		
	HW1E316DB	8.62E+00	1.68E+03	3.09E+00	1.68E+03	0.00E+00	0.00E+00	3.18E+03	4.43E+03	1.05E+00	1.69E+01	0.00E+00	7.37E+01	2.11E+07	5.05E+08	2.42E+03	4.65E+01	0.00E+00	0.00E+00	3.03E+00	2.84E+02	4.25E+04	0.00E+00	8.15E+08	6.94E+05	3.30E+00	6.52E+02	1.12E+04	0.00E+00	4.25E+04	5.95E+04	4.25E+04	5.37E+04	1.12E+04	0.00E+00	0.00E+00	0.00E+00	1.29E+02		
	HW1E316DE	8.77E+00	1.71E+03	3.15E+00	1.71E+03	0.00E+00	0.00E+00	3.23E+03	4.51E+03	1.07E+00	1.72E+01	0.00E+00	7.50E+01	2.15E+07	5.14E+08	2.48E+03	4.74E+01	0.00E+00	0.00E+00	3.08E+00	2.88E+02	4.32E+04	0.00E+00	8.29E+08	7.09E+05	3.36E+00	6.63E+02	1.14E+04	0.00E+00	4.32E+04	6.05E+04	4.32E+04	5.48E+04	1.14E+04	0.00E+00	0.00E+00	0.00E+00	1.31E+02		
	HW1E316FB	3.18E+00	6.21E+02	1.34E+00	6.20E+02	0.00E+00	0.00E+00	1.17E+03	1.61E+03	1.88E+01	6.23E+00	0.00E+00	2.72E+01	7.81E+00	1.87E+08	8.93E+01	1.72E+01	0.00E+00	0.00E+00	1.12E+00	1.05E+02	1.57E+04	0.00E+00	3.01E+08	2.56E+05	1.22E+00	2.41E+02	4.15E+03	0.00E+00	1.57E+04	2.20E+04	1.57E+04	1.98E+04	4.15E+03	0.00E+00	0.00E+00	0.00E+00	4.76E+01		
	HW1E316FE	3.34E+00	6.51E+02	1.36E+00	6.50E+02	0.00E+00	0.00E+00	1.20E+03	1.71E+03	1.89E+01	6.53E+00	0.00E+00	2.85E+01	8.10E+00	1.86E+08	9.38E+01	1.80E+01	0.00E+00	0.00E+00	1.16E+00	1.10E+02	1.59E+04	0.00E+00	3.16E+08	2.68E+05	1.24E+00	2.42E+02	4.26E+03	0.00E+00	1.64E+04	2.30E+04	1.64E+04	2.06E+04	4.26E+03	0.00E+00	0.00E+00	0.00E+00	4.96E+01		
	HW1E404DB	8.54E+01	1.25E+02	2.76E+00	1.22E+02	0.00E+00	0.00E+00	1.87E+02	2.96E+04	7.66E+02	1.23E+00	0.00E+00	3.46E+00	1.55E+08	3.88E+07	1.64E+02	3.31E+00	0.00E+00	0.00E+00	2.21E+01	1.88E+01	3.00E+02	0.00E+00	5.50E+07	5.13E+08	2.49E+01	4.44E+01	7.02E+02	0.00E+00	3.00E+03	4.05E+03	3.00E+03	3.70E+03	7.02E+02	0.00E+00	0.00E+00	0.00E+00	9.48E+00		
	HW1E404DE	7.70E+01	1.39E+02	2.55E+01	1.38E+02	0.00E+00	0.00E+00	2.42E+02	3.65E+04	8.65E+02	1.38E+00	0.00E+00	6.08E+00	1.74E+08	4.16E+07	1.99E+02	3.84E+00	0.00E+00	0.00E+00	2.50E+01	2.34E+01	3.50E+03	0.00E+00	6.72E+07	5.72E+08	2.72E+01	5.37E+01	9.26E+02	0.00E+00	3.50E+03	4.90E+03	3.50E+03	4.43E+03	9.26E+02	0.00E+00	0.00E+00	0.00E+00	1.08E+01		
	HW1E404FB	2.26E+01	4.42E+01	8.13E+01	4.41E+01	0.00E+00	0.00E+00	8.34E+01	1.35E+02	2.78E+02	4.43E+01	0.00E+00	1.94E+00	5.55E+03	1.26E+07	6.35E+01	1.22E+00	0.00E+00	0.00E+00	7.95E+02	7.48E+02	1.11E+03	0.00E+00	2.34E+07	1.82E+08	8.67E+01	1.71E+02	2.95E+02	0.00E+00	1.11E+03	1.56E+03	1.11E+03	1.41E+03	2.95E+02	0.00E+00	0.00E+00	0.00E+00	3.38E+00		
	HW1E404FE	3.78E+01	7.38E+01	1.36E+01	7.37E+01	0.00E+00	0.00E+00	1.39E+02	1.94E+03	4.61E+02	1.39E+01	0.00E+00	3.23E+00	9.28E+03	2.22E+07	1.09E+02	2.04E+00	0.00E+00	0.00E+00	1.33E+01	1.25E+02	1.98E+03	0.00E+00	3.58E+07	3.04E+08	1.45E+01	2.88E+01	4.53E+03	0.00E+00	1.98E+03	2.61E+04	1.98E+03	2.46E+03	4.53E+03	0.00E+00	0.00E+00	0.00E+00	5.65E+00		
	HW1E406DB	1.04E+00	2.03E+02	3.74E+01	2.03E+02	0.00E+00	0.00E+00	3.84E+02	5.36E+04	1.27E+01	2.04E+00	0.00E+00	8.92E+00	2.55E+03	6.11E+07	2.93E+02	5.63E+00	0.00E+00	0.00E+00	3.66E+01	3.44E+01	5.14E+03	0.00E+00	9.88E+07	8.39E+08	4.00E+01	7.88E+01	1.36E+03	0.00E+00	5.14E+03	7.20E+03	5.14E+03	6.50E+03	1.36E+03	0.00E+00	0.00E+00	0.00E+00	1.56E+01		
	HW1E406DE	1.19E+00	2.23E+02	4.26E+01	2.23E+02	0.00E+00	0.00E+00	4.40E+02	6.14E+04	1.45E+01	2.34E+00	0.00E+00	1.02E+01	2.93E+08	7.05E+07	3.25E+02	6.45E+00	0.00E+00	0.00E+00	4.26E+02	3.94E+02	5.88E+03	0.00E+00	1.13E+08	9.61E+08	1.48E+01	9.03E+01	1.56E+03	0.00E+00	5.88E+03	8.25E+03	5.88E+03	7.44E+03	1.56E+03	0.00E+00	0.00E+00	0.00E+00	1.79E+01		
	HW1E406FB	4.26E+01	8.31E+01	1.53E+01	8.29E+01	0.00E+00	0.00E+00	1.57E+02	2.97E+04	1.18E+02	8.32E+01	0.00E+00	3.64E+00	1.04E+08	2.49E+07	1.13E+02	2.30E+00	0.00E+00	0.00E+00	1.50E+01	1.40E+01	2.10E+03	0.00E+00	4.02E+07	3.43E+08	1.63E+01	3.22E+01	4.43E+03	0.00E+00	2.10E+03	2.94E+03	2.10E+03	2.65E+03	4.43E+03	0.00E+00	0.00E+00	0.00E+00	6.36E+00		
	HW1E406FE	5.77E+01	9.31E+02	2.07E+01	1.12E+02	0.00E+00	0.00E+00	2.23E+02	2.03E+04	1.02E+02	1.13E+00	0.00E+00	4.94E+00	1.42E+08	3.36E+07	1.42E+02	3.12E+00	0.00E+00	0.00E+00	2.03E+01	2.02E+01	2.84E+03	0.00E+00	5.46E+07	4.65E+08	2.21E+01	4.57E+01	7.52E+03	0.00E+00	2.84E+03	3.99E+03	2.84E+03	3.62E+03	7.52E+03	0.00E+00	0.00E+00	0.00E+00	9.63E+00		
	HW1E408DB	1.64E+00	3.20E+02	8.89E+01	3.20E+02	0.00E+00	0.00E+00	6.05E+02	8.43E+04	2.06E+01	3.21E+00	0.00E+00	1.40E+01	4.03E+08	9.62E+07	4.60E+02	8.86E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E+01	5.41E+01	6.08E+03	0.00E+00	1.50E+05	1.32E+05	2.26E+01	2.42E+02	2.14E+03	0.00E+00	6.08E+03	1.13E+04	6.08E+03	1.02E+04	2.14E+03	0.00E+00	0.00E+00	0.00E+00	2.45E+01
	HW1E408DE	1.79E+00	3.50E+02	9.44E+01	3.49E+02	0.00E+00	0.00E+00	6.61E+02	9.21E+04	2.18E+01	3.51E+00	0.00E+00	1.53E+01	4.49E+08	1.05E+08	5.03E+02	9.68E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.30E+01	5.92E+01	6.83E+03	0.00E+00	1.70E+08	1.44E+05	8.67E+01	1.26E+02	2.24E+03	0.00E+00	8.83E+03	1.24E+04	8.83E+03	1.12E+04	2.24E+03	0.00E+00	0.00E+00	0.00E+00	2.69E+01
	HW1E408FB	6.68E+01	1.30E+02	2.46E+01	1.30E+02	0.00E+00	0.00E+00	2.46E+02	3.43E+04	8.13E+02	1.31E+00	0.00E+00	5.71E+00	1.64E+08	3.56E+07	1.87E+02	3.61E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E+02	2.20E+01	3.29E+03	0.00E+00	6.31E+07	5.37E+08	1.56E+01	5.06E+01	8.70E+02	0.00E+00	1.29E+03	4.61E+03	1.29E+03	1.41E+03	8.70E+02	0.00E+00	0.00E+00	0.00E+00	9.98E+00
	HW1E408FE	8.20E+01	1.60E+02	2.84E+01	1.60E+02	0.00E+00	0.00E+00	3.02E+02	4.21E+04	9.89E+02	1.60E+00	0.00E+00	7.01E+00	2.02E+08	4.80E+07	2.30E+02	4.43E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E+01	2.70E+01	4.54E+03	0.00E+00	7.75E+07	6.60E+08	1.54E+01	8.20E+01	1.07E+03	0.00E+00	4.04E+03	5.86E+03	1.07E+03	1.16E+03	1.07E+03	0.00E+00	0.00E+00	0.00E+00	1.23E+01
	HW1E410DB	2.72E+00	5.51E+02	8.78E+01	5.50E+02	0.00E+00	0.00E+00	1.00E+03	1.46E+03	1.58E+03	5.52E+00	0.00E+00	1.27E+01	6.18E+08	1.46E+08	7.84E+02	1.47E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E+01	2.88E+01	4.32E+04	0.00E+00	2.98E+08	2.58E+08	6.26E+01	6.26E+01	1.14E+04	0.00E+00	3.56E+03	1.88E+04	1.34E+04	1.70E+04	6.26E+01	0.00E+00	0.00E+00	0.00E+00	4.67E+01
	HW1E410DE	2.87E+00	5.61E+02	1.03E+00	5.60E+02	0.00E+00	0.00E+00	1.06E+03	1.48E+03	1.59E+03	5.62E+00	0.00E+00	2.46E+01	7.05E+08	1.69E+08	8.09E+02	1.55E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E+00	9.47E+01	1.42E+04	0.00E+00	2.72E+08	2.31E+05	1.10E+00	2.17E+02	3.75E+03	0.00E+00	1.42E+04	1.98E+04	1.42E+04	1.79E+04	3.75E+03	0.00E+00	0.00E+00	0.00E+00	4.30E+01
	HW1E410FB	1.23E+00	2.40E+03	4.41E+01	2.39E+03	0.00E+00	0.00E+00	4.53E+03	6.31E+04	1.50E+01	2.40E+00	0.00E+00	1.05E+01	3.01E+08	7.20E+07	3.44E+02	6.83E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E+01	4.05E+01	6.05E+03	0.00E+00	1.55E+08	9.88E+08	4.71E+01	8.26E+01	1.60E+03	0.00E+00	6.05E+03	8.48E+03	6.05E+03	7.65E+03	1.60E+03	0.00E+00	0.00E+00	0.00E+00	1.84E+01
	HW1E410FE	1.38E+00	2.69E+02	4.95E+01	2.68E+02	0.00E+00	0.00E+00	5.09E+02	7.29E+04	1.68E+01	2.70E+00	0.00E+00	1.18E+01	3.39E+08	8.07E+07	3.67E+02	7.45E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E+01	4.59E+01	6.80E+03	0.00E+00	1.30E+08	1.11E+05	5.29E+01	1.04E+02	1.50E+03	0.00E+00	6.80E+03	9.52E+03	6.80E+03	8.59E+03	1.50E+03	0.00E+00	0.00E+00	0.00E+00	2.08E+01
	HW1E412DB	4.95E+00	8.89E+02	1.64E+00	8.87E+02	0.00E+00	0.00E+00	1.68E+03	2.34E+03	1.55E+01	8.91E+00	0.00E+00	3.90E+01	1.13E+07	2.67E+08	1.28E+03	2.46E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E+00	1.56E+02	2.24E+04	0.00E+00	4.31E+08	3.67E+05	1.75E+00	3.44E+02	5.94E+03	0.00E+00	2.24E+04	3.14E+04	2.24E+04	2.84E+04	5.94E+03	0.00E+00	0.00E+00	0.00E+00	6.81E+01
	HW1E412DE	4.71E+00	9.18E+02	1.68E+00	9.17E+02	0.00E+00	0.00E+00	1.74E+03	2.42E+03	1.57E+01	9.21E+00	0.00E+00	4.03E+01	1.16E+07	2.76E+08	1.32E+03	2.54E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E+00	1.55E+02	2.32E+04	0.00E+00	4.46E+08	3.79E+05	1.80E+00	3.56E+02	6.14E+03	0.00E+00	2.32E+04	3.25E+04	2.32E+04	2.93E+04	6.14E+03	0.00E+00	0.00E+00	0.00E+00	7.04E+01
	HW1E412FB	1.73E+00	3.38E+02	8.22E+01	3.3																																			

HW1N308DE	1.79E+00	3.50E+02	6.44E+01	3.49E+02	0.00E+00	0.00E+00	9.21E+04	2.18E+01	3.51E+00	0.00E+00	1.53E+01	4.40E+00	1.05E+06	5.03E+02	9.88E+00	0.00E+00	0.00E+00	6.30E+01	5.91E+01	8.83E+03	0.00E+00	1.70E+06	1.44E+05	6.87E+01	1.36E+02	2.34E+03	0.00E+00	8.83E+03	1.34E+04	8.83E+03	1.12E+04	2.34E+03	0.00E+00	0.00E+00	0.00E+00	2.68E+01		
HW1N308FB	6.68E+01	1.33E+02	2.45E+01	1.33E+02	0.00E+00	0.00E+00	2.46E+02	3.43E+04	6.13E+02	1.31E+00	0.00E+00	5.71E+00	1.64E+00	3.91E+01	1.87E+02	3.61E+00	0.00E+00	0.00E+00	2.35E+01	2.20E+01	3.29E+03	0.00E+00	6.31E+07	5.37E+05	2.56E+01	5.05E+03	8.70E+02	0.00E+00	3.29E+03	4.81E+03	3.29E+03	4.16E+03	8.70E+02	0.00E+00	0.00E+00	0.00E+00	9.98E+00	
HW1N308FE	8.20E+01	1.60E+02	3.84E+01	1.60E+02	0.00E+00	0.00E+00	3.20E+02	4.21E+04	8.98E+02	1.60E+00	0.00E+00	7.01E+00	2.01E+00	4.80E+01	2.33E+02	4.43E+00	0.00E+00	0.00E+00	2.88E+01	2.70E+01	4.34E+03	0.00E+00	7.75E+07	6.60E+05	3.14E+01	6.20E+03	1.07E+03	0.00E+00	4.04E+03	5.98E+04	4.04E+03	5.11E+03	1.07E+03	0.00E+00	0.00E+00	0.00E+00	1.23E+01	
HW1N310DB	2.72E+00	5.11E+02	6.78E+01	5.30E+02	0.00E+00	0.00E+00	1.00E+03	1.46E+03	1.32E+01	5.33E+00	0.00E+00	2.38E+03	6.68E+00	1.60E+06	7.64E+02	1.47E+01	0.00E+00	0.00E+00	9.57E+01	8.97E+01	1.34E+04	0.00E+00	2.58E+06	2.19E+05	1.04E+00	2.06E+02	3.75E+03	0.00E+00	1.34E+04	1.88E+04	1.34E+04	1.70E+04	3.75E+03	0.00E+00	0.00E+00	0.00E+00	4.07E+01	
HW1N310DE	2.87E+00	5.61E+02	1.02E+03	5.60E+02	0.00E+00	0.00E+00	1.08E+03	1.48E+03	1.50E+01	5.62E+00	0.00E+00	2.46E+03	7.05E+00	1.60E+06	8.09E+02	1.55E+01	0.00E+00	0.00E+00	1.01E+02	9.47E+01	1.42E+04	0.00E+00	2.72E+06	2.31E+05	1.27E+00	2.17E+02	3.75E+03	0.00E+00	1.42E+04	1.98E+04	1.42E+04	1.79E+04	3.75E+03	0.00E+00	0.00E+00	0.00E+00	4.30E+01	
HW1N310FB	1.23E+00	2.40E+02	3.42E+01	2.39E+02	0.00E+00	0.00E+00	4.30E+00	6.31E+04	1.50E+01	2.40E+00	0.00E+00	1.05E+01	3.39E+00	7.26E+01	3.44E+02	6.00E+00	0.00E+00	0.00E+00	1.31E+01	1.25E+01	1.98E+03	0.00E+00	5.68E+06	4.71E+03	2.88E+01	1.60E+03	6.00E+00	0.00E+00	6.00E+00	8.48E+03	6.00E+00	7.80E+03	1.60E+03	0.00E+00	0.00E+00	0.00E+00	1.84E+01	
HW1N310FE	1.38E+00	2.69E+02	4.85E+01	2.69E+02	0.00E+00	0.00E+00	5.09E+00	7.09E+04	1.68E+01	2.73E+00	0.00E+00	1.18E+03	3.39E+00	8.09E+01	3.87E+02	7.46E+00	0.00E+00	0.00E+00	4.85E+01	4.50E+01	6.80E+03	0.00E+00	1.50E+06	1.11E+05	5.29E+01	1.54E+02	1.80E+03	0.00E+00	6.80E+03	9.52E+03	6.80E+03	8.59E+03	1.80E+03	0.00E+00	0.00E+00	0.00E+00	2.09E+01	
HW1N312DB	4.55E+00	8.89E+02	1.64E+03	8.87E+02	0.00E+00	0.00E+00	1.68E+03	2.34E+03	1.53E+01	8.81E+00	0.00E+00	3.90E+03	1.12E+07	2.47E+06	1.28E+03	2.46E+01	0.00E+00	0.00E+00	1.60E+00	1.50E+00	2.24E+04	0.00E+00	4.31E+06	3.67E+05	1.75E+00	3.44E+02	5.94E+03	0.00E+00	2.24E+04	3.14E+04	2.24E+04	2.84E+04	5.94E+03	0.00E+00	0.00E+00	0.00E+00	6.81E+01	
HW1N312DE	4.71E+00	9.27E+02	1.69E+03	9.17E+02	0.00E+00	0.00E+00	1.74E+03	2.42E+03	1.73E+01	9.21E+00	0.00E+00	4.08E+03	1.18E+07	2.52E+06	1.33E+03	2.54E+01	0.00E+00	0.00E+00	1.65E+00	1.55E+00	2.32E+04	0.00E+00	4.45E+06	3.79E+05	1.80E+00	3.56E+02	6.14E+03	0.00E+00	2.32E+04	3.25E+04	2.32E+04	2.93E+04	6.14E+03	0.00E+00	0.00E+00	0.00E+00	7.04E+01	
HW1N312FB	1.73E+00	3.38E+02	4.72E+01	3.37E+02	0.00E+00	0.00E+00	6.30E+00	9.22E+04	1.73E+01	3.38E+00	0.00E+00	1.46E+03	4.29E+00	1.27E+06	4.89E+02	3.95E+00	0.00E+00	0.00E+00	4.83E+01	5.70E+01	8.53E+03	0.00E+00	1.94E+06	1.59E+05	6.83E+01	1.58E+02	1.29E+03	0.00E+00	8.53E+03	1.29E+04	1.29E+04	1.60E+04	1.29E+03	0.00E+00	0.00E+00	0.00E+00	2.59E+01	
HW1N312FE	1.88E+00	3.67E+02	6.78E+01	3.67E+02	0.00E+00	0.00E+00	6.94E+02	8.67E+04	2.29E+01	3.68E+00	0.00E+00	1.61E+03	4.62E+00	1.10E+06	5.28E+02	1.02E+01	0.00E+00	0.00E+00	6.61E+01	6.20E+01	8.27E+03	0.00E+00	1.78E+06	1.52E+05	7.22E+01	1.42E+02	2.45E+03	0.00E+00	9.27E+03	1.30E+04	9.27E+03	1.17E+04	2.45E+03	0.00E+00	0.00E+00	0.00E+00	2.81E+01	
HW1N316DB	8.62E+00	1.84E+03	3.39E+03	1.88E+03	0.00E+00	0.00E+00	3.18E+03	4.43E+03	1.02E+00	1.69E+01	0.00E+00	7.37E+01	2.11E+07	5.14E+06	2.42E+03	4.85E+02	0.00E+00	0.00E+00	3.03E+00	2.84E+02	4.25E+04	0.00E+00	8.15E+06	6.94E+05	3.30E+00	6.52E+02	1.12E+04	0.00E+00	4.25E+04	5.95E+04	4.25E+04	5.37E+04	1.12E+04	0.00E+00	0.00E+00	0.00E+00	1.29E+02	
HW1N316DE	8.77E+00	1.91E+03	3.35E+03	1.71E+03	0.00E+00	0.00E+00	3.23E+03	4.51E+03	1.07E+00	1.72E+01	0.00E+00	7.75E+01	2.15E+07	5.26E+06	2.48E+03	4.74E+02	0.00E+00	0.00E+00	3.03E+00	2.86E+02	4.32E+04	0.00E+00	8.29E+06	7.09E+05	3.38E+00	6.63E+02	1.12E+04	0.00E+00	4.32E+04	6.05E+04	4.32E+04	5.46E+04	1.12E+04	0.00E+00	0.00E+00	0.00E+00	1.31E+02	
HW1N316FB	3.18E+00	6.21E+02	1.24E+03	6.20E+02	0.00E+00	0.00E+00	1.17E+03	1.64E+03	3.88E+01	6.23E+00	0.00E+00	2.70E+03	7.82E+00	1.67E+06	3.93E+02	1.72E+01	0.00E+00	0.00E+00	1.02E+00	1.02E+00	1.42E+04	0.00E+00	3.01E+06	2.56E+05	1.22E+00	2.45E+02	4.12E+03	0.00E+00	1.57E+04	2.25E+04	1.57E+04	1.98E+04	4.12E+03	0.00E+00	0.00E+00	0.00E+00	4.76E+01	
HW1N316FE	3.34E+00	6.51E+02	1.25E+03	6.50E+02	0.00E+00	0.00E+00	1.23E+03	1.71E+03	4.06E+01	6.53E+00	0.00E+00	2.85E+03	8.18E+00	1.96E+06	3.96E+02	1.80E+01	0.00E+00	0.00E+00	1.05E+00	1.05E+00	1.44E+04	0.00E+00	3.15E+06	2.68E+05	1.24E+00	2.52E+02	4.26E+03	0.00E+00	1.64E+04	2.36E+04	1.64E+04	2.06E+04	4.26E+03	0.00E+00	0.00E+00	0.00E+00	4.99E+01	
HW1N404DB	5.58E+01	1.09E+02	2.01E+01	1.09E+02	0.00E+00	0.00E+00	2.08E+02	2.87E+04	6.89E+02	1.09E+00	0.00E+00	4.79E+00	1.37E+00	3.27E+01	1.57E+02	3.02E+00	0.00E+00	0.00E+00	1.98E+01	1.84E+01	2.75E+03	0.00E+00	5.58E+07	4.59E+05	2.14E+01	4.22E+03	7.28E+02	0.00E+00	2.75E+03	3.88E+02	2.75E+03	3.48E+03	7.28E+02	0.00E+00	0.00E+00	0.00E+00	6.59E+00	
HW1N404DE	7.16E+01	1.39E+02	2.55E+01	1.39E+02	0.00E+00	0.00E+00	2.62E+02	3.60E+04	8.65E+02	1.39E+00	0.00E+00	6.08E+00	1.74E+00	4.14E+01	1.99E+02	3.84E+00	0.00E+00	0.00E+00	2.50E+01	2.34E+01	3.50E+03	0.00E+00	6.72E+07	5.72E+05	2.72E+01	5.37E+03	9.26E+02	0.00E+00	3.50E+03	4.90E+03	3.50E+03	4.43E+03	9.26E+02	0.00E+00	0.00E+00	0.00E+00	1.08E+01	
HW1N404FB	2.26E+01	4.42E+01	6.13E+02	4.42E+01	0.00E+00	0.00E+00	8.34E+01	5.80E+02	2.78E+02	4.42E+01	0.00E+00	1.94E+00	5.55E+00	1.23E+07	6.19E+01	1.22E+00	0.00E+00	0.00E+00	7.95E+02	7.48E+02	1.11E+03	0.00E+00	2.54E+07	1.82E+04	6.87E+02	1.71E+03	3.56E+03	0.00E+00	1.11E+03	1.56E+03	1.11E+03	1.41E+03	2.55E+03	0.00E+00	0.00E+00	0.00E+00	3.38E+00	
HW1N404FE	3.78E+01	7.38E+01	3.36E+01	7.37E+01	0.00E+00	0.00E+00	1.30E+02	1.94E+04	4.81E+03	7.40E+01	0.00E+00	3.23E+00	9.28E+00	2.22E+07	1.08E+02	2.04E+00	0.00E+00	0.00E+00	1.38E+02	1.29E+02	1.94E+03	0.00E+00	3.98E+07	3.04E+05	1.45E+01	3.88E+03	4.58E+03	0.00E+00	1.88E+03	2.61E+03	1.88E+03	2.38E+03	4.58E+03	0.00E+00	0.00E+00	0.00E+00	5.69E+00	
HW1N406DB	1.04E+00	2.03E+02	3.74E+01	2.03E+02	0.00E+00	0.00E+00	3.84E+02	5.36E+04	1.17E+01	2.04E+00	0.00E+00	8.90E+00	2.55E+00	6.11E+07	2.93E+02	5.63E+00	0.00E+00	0.00E+00	3.68E+01	3.44E+01	5.14E+03	0.00E+00	9.88E+07	8.19E+05	4.03E+01	7.88E+03	1.36E+03	0.00E+00	5.14E+03	7.20E+03	5.14E+03	6.50E+03	1.36E+03	0.00E+00	0.00E+00	0.00E+00	1.56E+01	
HW1N406DE	1.19E+00	2.23E+02	4.26E+01	2.23E+02	0.00E+00	0.00E+00	4.40E+02	6.14E+04	1.45E+01	2.24E+00	0.00E+00	1.02E+01	2.93E+00	7.05E+07	3.25E+02	6.45E+00	0.00E+00	0.00E+00	4.20E+01	3.94E+01	5.88E+03	0.00E+00	1.15E+08	9.41E+05	4.58E+01	9.03E+03	1.56E+03	0.00E+00	5.88E+03	8.25E+03	5.88E+03	7.44E+03	1.56E+03	0.00E+00	0.00E+00	0.00E+00	1.79E+01	
HW1N406FB	4.76E+01	8.11E+01	1.53E+01	8.29E+01	0.00E+00	0.00E+00	1.57E+02	2.19E+04	1.18E+02	8.30E+01	0.00E+00	3.64E+00	1.04E+00	2.46E+07	1.19E+02	2.30E+00	0.00E+00	0.00E+00	1.50E+01	1.40E+01	2.10E+03	0.00E+00	4.02E+07	3.43E+04	1.63E+01	3.22E+03	5.65E+03	0.00E+00	2.10E+03	2.94E+03	2.10E+03	2.65E+03	5.65E+03	0.00E+00	0.00E+00	0.00E+00	6.39E+00	
HW1N406FE	5.77E+01	1.13E+02	2.07E+01	1.13E+02	0.00E+00	0.00E+00	2.33E+02	3.07E+04	3.55E+01	1.13E+00	0.00E+00	4.94E+00	1.42E+00	3.59E+07	1.42E+02	3.12E+00	0.00E+00	0.00E+00	2.03E+01	1.90E+01	2.75E+03	0.00E+00	5.65E+07	4.65E+05	2.21E+01	4.37E+03	7.53E+03	0.00E+00	2.84E+03	3.96E+03	2.84E+03	3.60E+03	7.53E+03	0.00E+00	0.00E+00	0.00E+00	8.63E+00	
HW1N408DB	1.64E+00	3.20E+02	6.88E+01	3.20E+02	0.00E+00	0.00E+00	6.00E+00	8.41E+04	2.06E+01	3.21E+00	0.00E+00	1.40E+03	4.03E+00	9.40E+01	4.60E+02	8.86E+00	0.00E+00	0.00E+00	6.00E+00	5.76E+01	5.41E+03	0.00E+00	1.60E+06	1.32E+05	6.26E+01	1.47E+02	2.14E+03	0.00E+00	1.60E+00	1.11E+04	8.88E+03	1.60E+00	2.14E+03	1.32E+05	0.00E+00	0.00E+00	0.00E+00	2.46E+01
HW1N408DE	1.79E+00	3.50E+02	6.44E+01	3.49E+02	0.00E+00	0.00E+00	6.61E+00	9.21E+04	2.18E+01	3.51E+00	0.00E+00	1.53E+01	4.40E+00	1.05E+06	5.03E+02	9.88E+00	0.00E+00	0.00E+00	6.30E+01	5.91E+01	8.83E+03	0.00E+00	1.70E+06	1.44E+05	6.87E+01	1.36E+02	2.34E+03	0.00E+00	8.83E+03	1.24E+04	8.83E+03	1.12E+04						

	HW2E308FE	5.77E-01	1.13E-02	2.07E-02	1.12E-02	0.00E+00	0.00E+00	2.23E-02	2.97E-04	7.03E-02	1.13E-02	0.00E+00	4.94E-02	1.42E-08	3.36E-07	1.63E-02	3.12E+00	0.00E+00	0.00E+00	2.03E-01	1.90E-01	2.84E-03	0.00E+00	5.46E-07	4.65E-04	2.21E-02	4.37E-03	7.53E-03	0.00E+00	2.84E-03	3.99E-05	2.84E-03	3.60E-03	7.53E-02	0.00E+00	0.00E+00	0.00E+00	8.63E-02
	HW2E310DB	1.29E-02	2.52E-02	4.63E-01	2.52E-02	0.00E+00	0.00E+00	4.75E-02	6.62E-04	1.57E-01	2.52E-02	0.00E+00	1.10E-01	3.16E-08	7.56E-07	3.62E-02	6.96E+00	0.00E+00	0.00E+00	4.53E-01	4.26E-01	6.25E-03	0.00E+00	1.22E-08	1.04E-05	4.94E-01	9.75E-03	1.68E-03	0.00E+00	6.35E-03	8.93E-05	6.35E-03	8.02E-03	1.68E-02	0.00E+00	0.00E+00	0.00E+00	1.93E-01
	HW2E310DE	1.44E-02	2.82E-02	3.18E-01	2.82E-02	0.00E+00	0.00E+00	5.21E-02	7.42E-04	1.78E-01	2.82E-02	0.00E+00	1.22E-01	3.54E-08	8.65E-07	4.04E-02	7.78E+00	0.00E+00	0.00E+00	5.06E-01	4.79E-01	7.12E-03	0.00E+00	1.36E-08	1.18E-05	5.52E-01	1.05E-02	1.88E-03	0.00E+00	7.10E-03	9.92E-05	7.10E-03	9.68E-03	1.88E-02	0.00E+00	0.00E+00	0.00E+00	2.15E-01
	HW2E310FB	6.01E-01	1.17E-02	2.16E-01	1.17E-02	0.00E+00	0.00E+00	2.22E-02	3.09E-04	7.32E-02	1.18E-02	0.00E+00	5.14E+00	1.48E-08	3.52E-07	1.69E-02	3.25E+00	0.00E+00	0.00E+00	2.11E-01	1.98E-01	2.99E-03	0.00E+00	5.69E-07	4.94E-04	2.30E-01	4.55E-03	9.04E-03	0.00E+00	2.96E-03	4.12E-05	2.96E-03	3.75E-03	7.84E-02	0.00E+00	0.00E+00	0.00E+00	8.99E-02
	HW2E310FE	7.52E-01	1.47E-02	2.70E-01	1.47E-02	0.00E+00	0.00E+00	2.78E-02	3.87E-04	8.17E-02	1.47E-02	0.00E+00	6.64E+00	1.89E-08	4.62E-07	2.12E-02	4.07E+00	0.00E+00	0.00E+00	2.65E-01	2.48E-01	3.72E-03	0.00E+00	7.12E-07	6.08E-04	2.89E-01	5.68E-03	9.02E-03	0.00E+00	3.72E-03	5.20E-05	3.72E-03	4.68E-03	9.02E-02	0.00E+00	0.00E+00	0.00E+00	1.23E-01
	HW2E312DB	2.02E-02	3.93E-02	7.24E-01	3.93E-02	0.00E+00	0.00E+00	7.08E-02	1.04E-03	2.45E-01	3.94E-02	0.00E+00	1.72E-01	4.95E-08	1.18E-06	5.69E-02	1.09E-01	0.00E+00	0.00E+00	7.68E-01	7.40E-01	9.93E-03	0.00E+00	1.91E-08	1.62E-05	7.73E-01	1.55E-02	2.62E-03	0.00E+00	9.93E-03	1.39E-04	9.93E-03	1.26E-03	2.62E-02	0.00E+00	0.00E+00	0.00E+00	3.01E-01
	HW2E312DE	2.17E-02	4.22E-02	7.78E-01	4.22E-02	0.00E+00	0.00E+00	7.69E-02	1.11E-03	2.64E-01	4.24E-02	0.00E+00	1.89E-01	5.32E-08	1.27E-06	6.09E-02	1.17E+00	0.00E+00	0.00E+00	7.61E-01	7.34E-01	1.07E-04	0.00E+00	2.05E-08	1.74E-05	8.31E-01	1.64E-02	2.82E-03	0.00E+00	1.07E-04	1.50E-04	1.07E-04	1.35E-04	2.82E-02	0.00E+00	0.00E+00	0.00E+00	3.24E-01
	HW2E312FB	9.24E-01	1.80E-02	3.32E-01	1.80E-02	0.00E+00	0.00E+00	3.41E-02	4.75E-04	1.13E-01	1.81E-02	0.00E+00	7.90E+00	2.27E-08	5.40E-07	2.59E-02	4.99E+00	0.00E+00	0.00E+00	3.25E-01	3.04E-01	4.55E-03	0.00E+00	8.74E-07	7.44E-04	3.54E-01	6.84E-03	1.20E-03	0.00E+00	4.55E-03	6.38E-05	4.55E-03	5.78E-03	1.20E-02	0.00E+00	0.00E+00	0.00E+00	1.38E-01
	HW2E312FE	1.08E-02	2.10E-02	3.86E-01	2.10E-02	0.00E+00	0.00E+00	3.97E-02	5.53E-04	1.32E-01	2.11E-02	0.00E+00	9.20E+00	2.64E-08	6.31E-07	3.02E-02	5.81E+00	0.00E+00	0.00E+00	3.78E-01	3.59E-01	5.30E-03	0.00E+00	1.02E-08	8.66E-04	4.12E-01	8.14E-03	1.40E-03	0.00E+00	5.30E-03	7.43E-05	5.30E-03	6.79E-03	1.40E-02	0.00E+00	0.00E+00	0.00E+00	1.61E-01
	HW2E316DB	3.39E-02	6.63E-02	1.22E-01	6.63E-02	0.00E+00	0.00E+00	1.29E-02	1.74E-03	4.13E-01	6.63E-02	0.00E+00	2.90E-01	8.13E-08	1.92E-06	8.23E-02	0.00E+00	0.00E+00	0.00E+00	1.10E-01	1.02E-01	1.67E-04	0.00E+00	3.29E-08	2.78E-05	1.30E+00	2.56E-02	4.62E-03	0.00E+00	1.67E-04	2.34E-04	1.67E-04	2.11E-04	4.62E-02	0.00E+00	0.00E+00	0.00E+00	5.06E-01
	HW2E316DE	3.54E-02	6.93E-02	1.27E-01	6.93E-02	0.00E+00	0.00E+00	1.30E-02	1.82E-03	4.32E-01	6.93E-02	0.00E+00	3.03E-01	8.69E-08	2.07E-06	8.93E-02	1.91E-01	0.00E+00	0.00E+00	1.24E-01	1.17E-01	1.74E-04	0.00E+00	3.35E-08	2.85E-05	1.36E+00	2.68E-02	4.61E-03	0.00E+00	1.74E-04	2.44E-04	1.74E-04	2.20E-04	4.61E-02	0.00E+00	0.00E+00	0.00E+00	5.29E-01
	HW2E316FB	1.49E-02	2.92E-02	5.36E-01	2.92E-02	0.00E+00	0.00E+00	5.49E-02	7.65E-04	1.82E-01	2.92E-02	0.00E+00	1.27E-01	3.65E-08	8.72E-07	4.18E-02	8.84E+00	0.00E+00	0.00E+00	5.23E-01	4.92E-01	7.32E-03	0.00E+00	1.41E-08	1.20E-05	6.71E-01	1.13E-02	1.94E-03	0.00E+00	7.33E-03	1.02E-04	7.33E-03	9.27E-03	1.94E-02	0.00E+00	0.00E+00	0.00E+00	2.23E-01
	HW2E316FE	1.64E-02	3.12E-02	5.86E-01	3.12E-02	0.00E+00	0.00E+00	6.05E-02	8.24E-04	2.00E-01	3.12E-02	0.00E+00	1.40E-01	4.03E-08	9.42E-07	4.60E-02	8.86E+00	0.00E+00	0.00E+00	5.76E-01	5.42E-01	8.08E-03	0.00E+00	1.50E-08	1.32E-05	6.79E-01	1.24E-02	2.14E-03	0.00E+00	8.08E-03	1.13E-04	8.08E-03	1.02E-04	2.14E-02	0.00E+00	0.00E+00	0.00E+00	2.45E-01
	HW2E320DE	5.38E-02	1.05E-02	1.93E-01	1.05E-02	0.00E+00	0.00E+00	2.00E-02	2.76E-03	6.59E-01	1.05E-02	0.00E+00	4.60E-01	1.32E-07	3.12E-06	1.51E-03	3.21E-01	0.00E+00	0.00E+00	1.68E-01	1.59E-01	2.45E-04	0.00E+00	7.77E-08	6.68E-05	3.29E+00	5.09E-06	4.62E-03	0.00E+00	2.00E-04	2.85E-04	3.29E-04	4.62E-02	0.00E+00	0.00E+00	0.00E+00	8.04E-01	
	HW2E320DE	5.53E-02	1.08E-02	1.96E-01	1.08E-02	0.00E+00	0.00E+00	2.04E-02	2.84E-03	6.74E-01	1.08E-02	0.00E+00	4.73E-01	1.36E-07	3.24E-06	1.53E-03	3.26E-01	0.00E+00	0.00E+00	1.69E-01	1.60E-01	2.52E-04	0.00E+00	7.92E-08	6.82E-05	3.32E+00	5.20E-06	4.65E-03	0.00E+00	2.12E-04	2.93E-04	3.32E-04	4.71E-02	0.00E+00	0.00E+00	0.00E+00	8.27E-01	
	HW2E320FB	2.34E-02	4.57E-02	8.42E-01	4.57E-02	0.00E+00	0.00E+00	8.64E-02	1.20E-03	2.95E-01	4.58E-02	0.00E+00	2.09E-01	5.75E-08	1.37E-06	6.57E-02	1.27E+00	0.00E+00	0.00E+00	8.23E-01	7.72E-01	1.13E-04	0.00E+00	2.22E-08	1.89E-05	8.86E-01	1.77E-02	3.05E-03	0.00E+00	1.15E-04	1.62E-04	1.15E-04	1.46E-04	3.05E-02	0.00E+00	0.00E+00	0.00E+00	3.59E-01
	HW2E320FE	2.49E-02	4.87E-02	8.96E-01	4.88E-02	0.00E+00	0.00E+00	9.20E-02	1.28E-03	3.04E-01	4.88E-02	0.00E+00	2.13E-01	6.12E-08	1.46E-06	7.00E-02	1.35E-01	0.00E+00	0.00E+00	8.77E-01	8.22E-01	1.23E-04	0.00E+00	2.36E-08	2.01E-05	9.56E-01	1.89E-02	3.25E-03	0.00E+00	1.23E-04	1.72E-04	1.23E-04	1.55E-04	3.25E-02	0.00E+00	0.00E+00	0.00E+00	3.73E-01
	HW2E325DB	8.64E-02	1.69E-02	3.10E-01	1.69E-02	0.00E+00	0.00E+00	3.38E-02	4.54E-04	1.05E-01	1.69E-02	0.00E+00	3.76E-01	2.12E-07	5.06E-06	2.42E-03	4.66E-01	0.00E+00	0.00E+00	3.03E-01	2.85E-01	4.25E-04	0.00E+00	1.02E-08	8.66E-04	4.12E-01	8.14E-03	1.40E-03	0.00E+00	5.30E-03	7.43E-05	5.30E-03	6.79E-03	1.40E-02	0.00E+00	0.00E+00	0.00E+00	1.61E-01
	HW2E325DE	8.79E-02	1.72E-02	3.15E-01	1.72E-02	0.00E+00	0.00E+00	3.42E-02	4.59E-04	1.07E-01	1.72E-02	0.00E+00	3.80E-01	2.16E-07	5.15E-06	2.47E-03	4.75E-01	0.00E+00	0.00E+00	3.06E-01	2.88E-01	4.30E-04	0.00E+00	1.04E-08	8.87E-04	4.17E-01	8.26E-03	1.42E-03	0.00E+00	5.35E-03	7.50E-05	5.35E-03	6.84E-03	1.42E-02	0.00E+00	0.00E+00	0.00E+00	1.29E-01
	HW2E325FB	3.70E-02	7.22E-02	1.33E-01	7.22E-02	0.00E+00	0.00E+00	1.36E-02	1.90E-03	4.51E-01	7.24E-02	0.00E+00	3.17E-01	9.08E-08	2.17E-06	1.04E-03	2.20E-01	0.00E+00	0.00E+00	1.30E-01	1.22E-01	1.62E-04	0.00E+00	3.50E-08	2.98E-05	1.42E+00	2.80E-02	4.82E-03	0.00E+00	1.62E-04	2.15E-04	1.62E-04	2.31E-04	4.82E-02	0.00E+00	0.00E+00	0.00E+00	5.53E-01
	HW2E325FE	3.85E-02	7.52E-02	1.38E-01	7.52E-02	0.00E+00	0.00E+00	1.42E-02	1.98E-03	4.69E-01	7.54E-02	0.00E+00	3.30E-01	9.49E-08	2.26E-06	1.08E-03	2.28E-01	0.00E+00	0.00E+00	1.35E-01	1.27E-01	1.65E-04	0.00E+00	3.64E-08	3.10E-05	1.46E+00	2.92E-02	5.02E-03	0.00E+00	1.65E-04	2.26E-04	1.65E-04	2.40E-04	5.02E-02	0.00E+00	0.00E+00	0.00E+00	5.76E-01
	HW2E406DB	5.58E-01	1.09E-02	2.00E-01	1.09E-02	0.00E+00	0.00E+00	2.06E-02	2.87E-04	6.80E-02	1.09E-02	0.00E+00	4.77E+00	1.37E-08	3.27E-07	1.57E-02	3.01E+00	0.00E+00	0.00E+00	1.96E-01	1.84E-01	2.75E-03	0.00E+00	5.28E-07	4.49E-04	2.14E-01	4.22E-03	7.27E-03	0.00E+00	2.75E-03	3.85E-05	2.75E-03	3.48E-03	7.27E-02	0.00E+00	0.00E+00	0.00E+00	8.34E-02
	HW2E406DE	7.12E-01	1.39E-02	2.55E-01	1.39E-02	0.00E+00	0.00E+00	2.62E-02	3.65E-04	8.92E-02	1.39E-02	0.00E+00	6.07E+00	1.74E-08	4.16E-07	1.93E-02	3.83E+00	0.00E+00	0.00E+00	2.46E-01	2.34E-01	3.50E-03	0.00E+00	6.71E-07	5.71E-04	2.72E-01	5.37E-03	9.58E-03	0.00E+00	3.50E-03	4.95E-05	3.50E-03	4.42E-03	9.58E-02	0.00E+00	0.00E+00	1.06E-01	
	HW2E406FB	2.97E-01	5.80E-01	1.07E-01	5.78E-01	0.00E+00	0.00E+00	1.00E-02	1.53E-04	3.62E-02	5.81E-01	0.00E+00	2.54E+00	7.29E-08	1.74E-07	8.39E-03	1.60E-01	0.00E+00	0.00E+00	1.04E-01	1.04E-01	9.78E-02	0.00E+00	1.84E-07	1.54E-04	6.96E-01	1.39E-02	3.67E-03	0.00E+00	1.44E-03	2.05E-05	1.44E-03	1.87E-02	3.67E-02	0.00E+00	0.00E+00	4.44E-02	
	HW2E406FE	4.49E-01	8.78E-01	1.61E-01	8.74E-01	0.00E+00	0.00E+00	1.65E-02	2.32E-04	5.47E-02	8.75E-01	0.00E+00	3.94E+00	1.13E-08	2.63E-07	1.29E-02	2.42E+00	0.00E+00	0.00E+00	1.58E-01	1.49E-01	2.22E-03	0.00E+00	4.34E-07	3.61E-04	1.72E-01	3.39E-03	5.9										

HW2M410DE	1.44E+00	2.83E+02	5.13E+01	2.23E+02	0.00E+00	0.00E+00	7.41E-04	1.78E-01	2.82E+00	0.00E+00	1.23E+01	3.54E+00	8.45E+07	4.04E+02	7.78E+00	0.00E+00	0.00E+00	5.06E+01	4.75E+01	7.13E+03	0.00E+00	1.36E+08	1.14E+05	5.52E+01	1.09E+02	1.88E+03	0.00E+00	7.10E+03	9.95E+05	7.13E+03	8.99E+03	1.88E+03	0.00E+00	0.00E+00	0.00E+00	2.13E+01	
HW2M410FB	6.02E+01	1.17E+02	2.35E+01	1.17E+02	0.00E+00	0.00E+00	2.22E+02	3.09E-04	7.32E+02	1.18E+00	0.00E+00	5.14E+00	1.48E+00	3.52E+07	1.89E+02	3.25E+00	0.00E+00	0.00E+00	2.11E+01	1.98E+01	2.99E+03	0.00E+00	5.69E+07	4.94E+05	2.30E+01	4.55E+03	7.84E+02	0.00E+00	2.96E+02	4.23E+05	2.96E+03	3.75E+03	7.84E+02	0.00E+00	0.00E+00	0.00E+00	8.99E+00
HW2M410FE	7.53E+01	1.47E+02	2.70E+01	1.47E+02	0.00E+00	0.00E+00	2.78E+02	3.87E+05	4.17E+02	1.47E+00	0.00E+00	6.44E+00	1.95E+00	4.41E+07	2.11E+02	4.07E+00	0.00E+00	0.00E+00	2.65E+01	2.48E+01	3.71E+03	0.00E+00	7.12E+07	6.09E+05	2.89E+01	5.65E+03	9.92E+02	0.00E+00	3.71E+03	5.52E+05	3.71E+03	4.69E+03	9.92E+02	0.00E+00	0.00E+00	0.00E+00	1.13E+01
HW2M412DB	2.02E+00	3.43E+02	7.34E+01	3.93E+02	0.00E+00	0.00E+00	7.43E+02	1.04E+03	2.45E+01	3.94E+00	0.00E+00	1.72E+01	4.95E+00	1.18E+08	6.99E+02	1.09E+01	0.00E+00	0.00E+00	7.68E+01	8.64E+01	9.93E+03	0.00E+00	1.91E+08	1.62E+05	7.73E+01	1.52E+02	2.62E+03	0.00E+00	9.93E+01	1.39E+04	1.97E+03	1.26E+04	2.61E+03	0.00E+00	0.00E+00	0.00E+00	3.03E+01
HW2M412DE	2.17E+00	4.23E+02	7.78E+01	4.23E+02	0.00E+00	0.00E+00	7.89E+02	1.11E+03	2.64E+01	4.24E+00	0.00E+00	1.85E+01	5.23E+00	1.27E+08	8.09E+02	1.17E+01	0.00E+00	0.00E+00	7.61E+01	7.34E+01	1.07E+04	0.00E+00	2.05E+08	1.74E+05	8.31E+01	1.64E+02	2.82E+03	0.00E+00	1.07E+04	1.50E+04	1.07E+04	1.35E+04	2.82E+03	0.00E+00	0.00E+00	0.00E+00	3.24E+01
HW2M412FB	9.24E+01	1.80E+02	3.32E+01	1.80E+02	0.00E+00	0.00E+00	3.40E+02	4.76E+04	1.13E+01	1.81E+00	0.00E+00	7.90E+00	2.27E+00	5.42E+07	2.59E+02	4.99E+00	0.00E+00	0.00E+00	3.26E+01	3.04E+01	4.57E+03	0.00E+00	8.74E+07	7.44E+05	3.45E+01	6.96E+03	1.20E+03	0.00E+00	4.55E+03	6.39E+05	4.55E+03	5.78E+03	1.20E+03	0.00E+00	0.00E+00	0.00E+00	1.38E+01
HW2M412FE	1.98E+00	2.18E+02	3.86E+01	2.18E+02	0.00E+00	0.00E+00	3.97E+02	5.53E-04	1.31E+01	2.11E+00	0.00E+00	9.26E+00	2.64E+00	6.31E+07	3.03E+02	5.81E+00	0.00E+00	0.00E+00	3.78E+01	3.55E+01	5.50E+03	0.00E+00	1.02E+08	8.69E+05	4.12E+01	8.14E+03	1.40E+03	0.00E+00	5.50E+03	7.43E+05	5.50E+03	6.75E+03	1.40E+03	0.00E+00	0.00E+00	0.00E+00	1.61E+01
HW2M416DB	3.39E+00	6.81E+02	1.22E+00	6.80E+02	0.00E+00	0.00E+00	1.25E+03	1.74E+03	4.13E+01	6.83E+00	0.00E+00	2.90E+01	8.31E+00	1.96E+08	9.50E+02	1.83E+01	0.00E+00	0.00E+00	1.13E+01	1.12E+01	1.67E+04	0.00E+00	3.26E+08	2.73E+05	1.30E+00	2.56E+02	4.42E+03	0.00E+00	1.67E+04	2.34E+04	1.67E+04	2.11E+04	4.42E+03	0.00E+00	0.00E+00	0.00E+00	5.06E+01
HW2M416DE	3.54E+00	6.81E+02	1.27E+00	6.89E+02	0.00E+00	0.00E+00	1.30E+03	1.82E+03	4.31E+01	6.93E+00	0.00E+00	3.03E+01	8.69E+00	2.07E+08	9.93E+02	1.91E+01	0.00E+00	0.00E+00	1.24E+01	1.23E+01	1.74E+04	0.00E+00	3.35E+08	2.85E+05	1.36E+00	2.68E+02	4.41E+03	0.00E+00	1.74E+04	2.44E+04	1.74E+04	2.20E+04	4.41E+03	0.00E+00	0.00E+00	0.00E+00	5.29E+01
HW2M416FB	1.49E+00	2.91E+02	5.36E+01	2.93E+02	0.00E+00	0.00E+00	5.49E+02	7.65E+04	1.82E+01	2.94E+00	0.00E+00	1.27E+01	3.65E+00	8.71E+07	4.18E+02	8.04E+00	0.00E+00	0.00E+00	3.25E+01	3.07E+01	4.71E+03	0.00E+00	1.09E+08	9.73E+05	5.12E+01	1.41E+03	1.94E+03	0.00E+00	5.12E+03	7.03E+05	5.12E+03	6.27E+03	1.94E+03	0.00E+00	0.00E+00	0.00E+00	2.23E+01
HW2M416FE	1.44E+00	3.20E+02	5.89E+01	3.20E+02	0.00E+00	0.00E+00	6.05E+02	8.43E+04	2.00E+01	3.21E+00	0.00E+00	1.40E+01	4.03E+00	8.62E+07	4.69E+02	8.86E+00	0.00E+00	0.00E+00	5.76E+01	5.41E+01	6.09E+03	0.00E+00	1.55E+08	1.32E+05	6.26E+01	1.24E+02	2.14E+03	0.00E+00	8.09E+03	1.13E+04	8.09E+03	1.02E+04	2.14E+03	0.00E+00	0.00E+00	0.00E+00	2.45E+01
HW2M420DB	5.58E+00	1.09E+03	1.93E+00	1.09E+03	0.00E+00	0.00E+00	1.98E+03	2.74E+03	6.55E+01	1.09E+01	0.00E+00	4.60E+01	1.35E+07	3.15E+08	1.51E+03	2.91E+01	0.00E+00	0.00E+00	1.89E+01	1.77E+01	2.93E+04	0.00E+00	5.09E+08	4.13E+05	2.26E+00	4.07E+02	7.02E+03	0.00E+00	2.65E+04	3.71E+04	2.65E+04	3.35E+04	7.02E+03	0.00E+00	0.00E+00	0.00E+00	8.64E+01
HW2M420DE	5.53E+00	1.09E+03	1.99E+00	1.09E+03	0.00E+00	0.00E+00	2.04E+03	2.84E+03	6.74E+01	1.09E+01	0.00E+00	4.73E+01	1.36E+07	3.27E+08	1.53E+03	2.99E+01	0.00E+00	0.00E+00	1.94E+01	1.82E+01	2.73E+04	0.00E+00	5.21E+08	4.45E+05	2.32E+00	4.18E+02	7.02E+03	0.00E+00	2.73E+04	3.82E+04	2.73E+04	3.45E+04	7.02E+03	0.00E+00	0.00E+00	0.00E+00	8.71E+01
HW2M420FB	2.34E+00	4.57E+02	8.41E+01	4.59E+02	0.00E+00	0.00E+00	8.64E+02	1.20E+05	2.89E+01	4.58E+00	0.00E+00	2.00E+01	5.75E+00	1.37E+08	6.57E+02	1.27E+01	0.00E+00	0.00E+00	8.23E+01	8.27E+01	1.23E+04	0.00E+00	2.22E+08	1.89E+05	8.96E+01	1.77E+02	3.05E+03	0.00E+00	1.25E+04	1.62E+04	1.25E+04	1.46E+04	3.05E+03	0.00E+00	0.00E+00	0.00E+00	3.50E+01
HW2M420FE	2.49E+00	4.67E+02	8.96E+01	4.68E+02	0.00E+00	0.00E+00	9.20E+02	1.28E+05	3.04E+01	4.68E+00	0.00E+00	2.13E+01	6.12E+00	1.46E+08	7.00E+02	1.35E+01	0.00E+00	0.00E+00	8.77E+01	8.22E+01	1.23E+04	0.00E+00	2.36E+08	2.01E+05	9.56E+01	1.86E+02	3.25E+03	0.00E+00	1.23E+04	1.75E+04	1.23E+04	1.55E+04	3.25E+03	0.00E+00	0.00E+00	0.00E+00	3.73E+01
HW2M425DB	8.64E+00	1.69E+03	3.10E+00	1.69E+03	0.00E+00	0.00E+00	3.18E+03	4.44E+02	1.05E+00	1.69E+01	0.00E+00	6.03E+01	2.12E+07	5.06E+08	2.42E+03	4.46E+01	0.00E+00	0.00E+00	3.03E+01	2.85E+01	4.25E+04	0.00E+00	8.17E+08	6.95E+05	3.31E+00	6.55E+02	1.12E+04	0.00E+00	4.25E+04	5.99E+04	4.25E+04	5.39E+04	1.12E+04	0.00E+00	0.00E+00	0.00E+00	1.29E+01
HW2M425DE	8.79E+00	1.72E+03	3.16E+00	1.71E+03	0.00E+00	0.00E+00	3.24E+03	4.52E+02	1.07E+00	1.72E+01	0.00E+00	6.10E+01	2.16E+07	5.21E+08	2.47E+03	4.75E+01	0.00E+00	0.00E+00	3.09E+01	2.90E+01	4.33E+04	0.00E+00	8.31E+08	7.07E+05	3.37E+00	6.65E+02	1.12E+04	0.00E+00	4.33E+04	6.07E+04	4.33E+04	5.48E+04	1.12E+04	0.00E+00	0.00E+00	0.00E+00	1.31E+01
HW2M425FB	3.70E+00	7.22E+02	1.33E+00	7.21E+02	0.00E+00	0.00E+00	1.36E+03	1.90E+03	4.51E+01	1.74E+00	0.00E+00	3.17E+01	9.08E+00	2.17E+08	1.04E+03	2.00E+01	0.00E+00	0.00E+00	1.30E+01	1.22E+01	1.82E+04	0.00E+00	3.50E+08	2.99E+05	1.42E+00	2.86E+02	4.82E+03	0.00E+00	1.82E+04	2.55E+04	1.82E+04	2.31E+04	4.82E+03	0.00E+00	0.00E+00	0.00E+00	5.53E+01
HW2M425FE	3.85E+00	7.32E+02	1.37E+00	7.30E+02	0.00E+00	0.00E+00	1.42E+03	1.96E+03	4.60E+01	1.74E+00	0.00E+00	3.24E+01	9.36E+00	2.26E+08	1.06E+03	2.08E+01	0.00E+00	0.00E+00	1.35E+01	1.26E+01	1.90E+04	0.00E+00	3.64E+08	3.10E+05	1.46E+00	2.91E+02	4.82E+03	0.00E+00	1.90E+04	2.68E+04	1.90E+04	2.40E+04	4.82E+03	0.00E+00	0.00E+00	0.00E+00	5.76E+01
HW2S306DB	5.58E+01	1.09E+02	2.00E+01	1.09E+02	0.00E+00	0.00E+00	2.00E+02	2.87E+04	6.80E+02	1.09E+00	0.00E+00	4.77E+00	1.37E+00	3.27E+07	1.57E+02	3.01E+00	0.00E+00	0.00E+00	1.96E+01	1.84E+01	2.75E+03	0.00E+00	5.28E+07	4.49E+05	2.14E+01	4.22E+03	7.27E+02	0.00E+00	2.75E+03	3.85E+05	2.75E+03	3.48E+03	7.27E+02	0.00E+00	0.00E+00	0.00E+00	8.34E+00
HW2S306DE	7.10E+01	1.38E+02	2.55E+01	1.38E+02	0.00E+00	0.00E+00	2.62E+02	3.65E+04	8.65E+02	1.38E+00	0.00E+00	6.07E+00	1.74E+00	4.15E+07	1.99E+02	3.83E+00	0.00E+00	0.00E+00	2.49E+01	2.34E+01	3.50E+03	0.00E+00	6.71E+07	5.71E+05	2.72E+01	5.37E+03	9.24E+02	0.00E+00	3.50E+03	4.95E+05	3.50E+03	4.42E+03	9.24E+02	0.00E+00	0.00E+00	1.06E+01	
HW2S306FB	2.97E+01	5.83E+01	1.07E+01	5.78E+01	0.00E+00	0.00E+00	1.09E+02	1.13E+04	2.62E+01	5.81E+01	0.00E+00	2.54E+00	7.29E+00	1.74E+07	8.33E+01	1.60E+00	0.00E+00	0.00E+00	1.04E+01	9.78E+00	1.44E+03	0.00E+00	2.81E+07	2.39E+04	1.14E+01	2.25E+03	3.97E+02	0.00E+00	1.44E+03	2.05E+05	1.44E+03	1.85E+03	3.97E+02	0.00E+00	0.00E+00	0.00E+00	4.44E+00
HW2S306FE	4.49E+01	8.78E+01	1.61E+01	8.74E+01	0.00E+00	0.00E+00	1.65E+02	1.73E+04	3.47E+01	8.73E+01	0.00E+00	3.84E+00	1.20E+00	2.62E+07	1.29E+02	2.42E+00	0.00E+00	0.00E+00	1.58E+01	1.48E+01	2.31E+03	0.00E+00	4.24E+07	3.61E+05	1.72E+01	5.65E+03	9.65E+02	0.00E+00	2.21E+03	3.10E+05	2.21E+03	2.85E+03	9.65E+02	0.00E+00	0.00E+00	0.00E+00	6.71E+00
HW2S308DB	8.51E+01	1.68E+02	3.06E+01	1.68E+02	0.00E+00	0.00E+00	3.04E+02	4.31E+04	1.07E+01	1.68E+00	0.00E+00	7.29E+00	2.09E+00	5.01E+07	2.26E+02	4.61E+00	0.00E+00	0.00E+00	3.06E+01	3.00E+01	4.32E+03	0.00E+00	8.06E+07	6.86E+05	3.27E+01	6.45E+03	1.11E+03	0.00E+00	4.30E+03	5.96E+05	4.30E+03	5.31E+03	1.11E+03	0.00E+00	0.00E+00	0.00E+00	1.27E+01
HW2S308DE	1.90E+00	1.98E+02	3.61E+01	1.99E+02	0.00E+00	0.00E+00	3.70E+02	5.16E-04	1.22E+01	1.97E+00	0.00E+00	8.59E+00	2.47E+00	5.89E+07	2.83E+02	5.43E+00	0.00E+00	0.00E+00	3.53E+01	3.32E+01	4.95E+03	0.00E+00	9.50E+07	8.09E+05	3.85E+01	7.65E+03	1.31E+03	0.00E+00	4.95E+03	6.94E+05	4.95E+03	6.29E+03					

HW2W320FS	2.24E+00	4.39E+02	8.02E+01	4.39E+02	0.00E+00	0.00E+00	8.24E+02	1.15E+03	2.72E+01	4.37E+00	0.00E+00	1.91E+01	5.49E+00	1.51E+08	6.27E+02	1.21E+02	0.00E+00	0.00E+00	7.85E+01	1.77E+01	1.13E+04	0.00E+00	2.11E+08	1.80E+05	8.57E+01	1.69E+02	2.91E+03	0.00E+00	0.00E+00	0.00E+00	3.34E+01						
HW2W325DS	8.53E+00	1.69E+03	3.90E+00	1.69E+03	0.00E+00	0.00E+00	3.14E+03	4.38E+01	1.94E+00	1.67E+01	0.00E+00	7.70E+01	2.09E+07	5.00E+08	2.39E+03	4.61E+01	0.00E+00	0.00E+00	3.00E+00	2.82E+02	4.20E+04	0.00E+00	8.07E+08	6.89E+05	3.27E+00	6.45E+02	1.11E+04	0.00E+00	4.20E+04	5.89E+04	4.20E+04	5.32E+04	1.11E+04	0.00E+00	0.00E+00	0.00E+00	1.29E+02
HW2W325FS	3.59E+00	7.02E+02	1.29E+00	7.00E+02	0.00E+00	0.00E+00	1.32E+03	1.80E+03	4.38E+01	7.03E+00	0.00E+00	3.07E+01	8.02E+08	2.11E+08	1.01E+03	1.94E+01	0.00E+00	0.00E+00	1.20E+00	1.18E+02	1.17E+04	0.00E+00	3.45E+08	2.89E+05	1.38E+00	2.72E+02	4.69E+03	0.00E+00	1.77E+04	2.48E+04	1.17E+04	2.24E+04	4.84E+03	0.00E+00	0.00E+00	0.00E+00	5.37E+01
HW2W406DS	4.50E+01	8.79E+01	1.62E+01	8.77E+01	0.00E+00	0.00E+00	1.66E+02	9.72E+04	1.49E+02	8.81E+01	0.00E+00	3.85E+00	1.11E+08	2.64E+07	1.29E+02	2.43E+00	0.00E+00	0.00E+00	1.58E+01	1.48E+01	2.22E+03	0.00E+00	4.26E+07	3.03E+04	1.73E+01	3.41E+03	5.67E+03	0.00E+00	2.22E+03	3.11E+03	2.22E+03	2.81E+03	5.47E+03	0.00E+00	0.00E+00	0.00E+00	8.78E+00
HW2W409FS	1.89E+01	3.70E+02	8.00E+01	8.00E+01	0.00E+00	0.00E+00	6.88E+01	2.31E+03	2.32E+03	3.72E+01	0.00E+00	1.62E+00	4.63E+09	1.12E+07	3.18E+01	1.02E+00	0.00E+00	0.00E+00	6.65E+01	6.34E+01	9.22E+03	0.00E+00	1.75E+07	1.52E+08	7.26E+02	1.42E+03	3.47E+03	0.00E+00	9.33E+01	1.22E+03	1.22E+03	1.18E+03	2.87E+03	0.00E+00	0.00E+00	0.00E+00	2.83E+00
HW2W409DS	1.40E+02	1.40E+02	8.88E+01	1.40E+02	0.00E+00	0.00E+00	2.79E+02	3.03E+04	9.08E+02	1.44E+00	0.00E+00	6.37E+00	4.68E+09	4.37E+07	2.09E+02	1.02E+00	0.00E+00	0.00E+00	6.65E+01	6.34E+01	9.22E+03	0.00E+00	1.75E+07	1.52E+08	7.26E+02	1.42E+03	3.47E+03	0.00E+00	9.33E+01	1.22E+03	1.22E+03	1.18E+03	2.87E+03	0.00E+00	0.00E+00	0.00E+00	1.11E+01
HW2W408FS	3.18E+01	6.21E+02	1.14E+03	6.39E+01	0.00E+00	0.00E+00	1.17E+03	1.63E+04	1.87E+02	8.22E+01	0.00E+00	2.77E+00	7.89E+08	1.88E+07	6.03E+01	1.72E+00	0.00E+00	0.00E+00	1.12E+01	1.05E+01	1.17E+03	0.00E+00	3.02E+07	2.59E+08	1.22E+01	2.40E+03	4.15E+03	0.00E+00	1.57E+03	2.20E+03	1.37E+03	1.98E+03	4.15E+03	0.00E+00	0.00E+00	0.00E+00	4.79E+00
HW2W410DS	1.18E+00	2.31E+02	4.24E+01	2.30E+02	0.00E+00	0.00E+00	4.36E+02	6.07E+04	1.44E+01	2.31E+00	0.00E+00	1.01E+01	2.90E+08	6.93E+07	3.32E+02	3.86E+00	0.00E+00	0.00E+00	4.15E+01	3.88E+01	5.82E+03	0.00E+00	1.12E+08	9.51E+04	4.53E+01	8.94E+03	1.54E+04	0.00E+00	5.82E+03	8.18E+03	5.82E+03	7.38E+03	1.54E+04	0.00E+00	0.00E+00	0.00E+00	1.77E+01
HW2W410FS	4.94E+01	8.81E+01	1.77E+01	9.62E+01	0.00E+00	0.00E+00	1.82E+02	2.94E+04	6.02E+02	9.88E+01	0.00E+00	4.22E+00	1.22E+08	2.69E+07	1.38E+02	2.67E+00	0.00E+00	0.00E+00	1.73E+01	1.62E+01	2.00E+00	0.00E+00	4.67E+07	3.97E+04	1.89E+01	3.74E+03	4.64E+03	0.00E+00	2.43E+03	3.42E+03	4.23E+03	3.08E+03	6.44E+03	0.00E+00	0.00E+00	0.00E+00	7.38E+00
HW2W412DS	1.91E+00	3.72E+02	8.00E+01	8.00E+01	0.00E+00	0.00E+00	2.79E+02	9.80E+04	9.08E+02	1.44E+00	0.00E+00	6.37E+00	4.68E+09	4.37E+07	2.09E+02	1.02E+00	0.00E+00	0.00E+00	6.65E+01	6.34E+01	9.22E+03	0.00E+00	1.75E+07	1.52E+08	7.26E+02	1.42E+03	3.47E+03	0.00E+00	9.33E+01	1.22E+03	1.22E+03	1.18E+03	2.87E+03	0.00E+00	0.00E+00	0.00E+00	2.83E+01
HW2W412FS	8.16E+01	1.59E+02	2.82E+01	1.59E+02	0.00E+00	0.00E+00	3.01E+02	4.13E+04	9.94E+02	1.60E+00	0.00E+00	6.98E+00	2.00E+08	4.79E+07	2.29E+02	4.41E+00	0.00E+00	0.00E+00	2.87E+01	2.69E+01	4.02E+03	0.00E+00	7.72E+07	6.57E+08	3.12E+01	6.17E+03	1.06E+04	0.00E+00	4.02E+03	5.84E+03	4.02E+03	5.09E+03	1.06E+04	0.00E+00	0.00E+00	0.00E+00	1.22E+01
HW2W416DS	3.28E+00	6.40E+02	1.18E+03	6.39E+02	0.00E+00	0.00E+00	1.21E+03	1.69E+04	1.99E+01	8.42E+00	0.00E+00	2.81E+01	8.05E+08	1.90E+08	6.20E+02	1.77E+01	0.00E+00	0.00E+00	1.15E+00	1.08E+02	1.12E+04	0.00E+00	3.55E+08	2.94E+05	1.26E+00	2.48E+02	4.28E+03	0.00E+00	1.62E+04	2.28E+04	1.62E+04	2.04E+04	4.28E+03	0.00E+00	0.00E+00	0.00E+00	4.90E+01
HW2W416FS	1.38E+00	2.70E+02	4.96E+01	2.69E+02	0.00E+00	0.00E+00	5.09E+02	7.12E+04	1.68E+01	2.70E+00	0.00E+00	1.01E+01	3.39E+08	8.10E+07	3.67E+02	4.74E+00	0.00E+00	0.00E+00	4.85E+01	4.54E+01	6.80E+03	0.00E+00	1.31E+08	1.11E+05	5.29E+01	1.04E+02	1.67E+03	0.00E+00	6.80E+03	9.54E+03	8.80E+03	1.08E+04	2.00E+03	0.00E+00	0.00E+00	2.08E+01	
HW2W420DS	5.27E+00	1.03E+03	2.86E+01	1.03E+03	0.00E+00	0.00E+00	1.94E+03	2.71E+05	4.24E+02	1.02E+01	0.00E+00	4.51E+01	1.23E+07	3.05E+08	1.27E+02	2.82E+00	0.00E+00	0.00E+00	6.65E+01	6.34E+01	9.22E+03	0.00E+00	1.75E+07	1.52E+08	7.26E+02	1.42E+03	3.47E+03	0.00E+00	9.33E+01	1.22E+03	1.22E+03	1.18E+03	2.87E+03	0.00E+00	0.00E+00	0.00E+00	7.88E+00
HW2W420FS	2.24E+00	4.39E+02	8.02E+01	4.39E+02	0.00E+00	0.00E+00	8.24E+02	1.15E+03	2.72E+01	4.37E+00	0.00E+00	1.91E+01	5.49E+00	1.51E+08	6.27E+02	1.21E+02	0.00E+00	0.00E+00	7.85E+01	1.77E+01	1.13E+04	0.00E+00	2.11E+08	1.80E+05	8.57E+01	1.69E+02	2.91E+03	0.00E+00	0.00E+00	0.00E+00	3.34E+01						
HW2W425DS	8.53E+00	1.69E+03	3.90E+00	1.69E+03	0.00E+00	0.00E+00	3.14E+03	4.38E+01	1.94E+00	1.67E+01	0.00E+00	7.70E+01	2.09E+07	5.00E+08	2.39E+03	4.61E+01	0.00E+00	0.00E+00	3.00E+00	2.82E+02	4.20E+04	0.00E+00	8.07E+08	6.89E+05	3.27E+00	6.45E+02	1.11E+04	0.00E+00	4.20E+04	5.89E+04	4.20E+04	5.32E+04	1.11E+04	0.00E+00	0.00E+00	0.00E+00	1.29E+02
HW2W425FS	3.59E+00	7.02E+02	1.29E+00	7.00E+02	0.00E+00	0.00E+00	1.32E+03	1.80E+03	4.38E+01	7.03E+00	0.00E+00	3.07E+01	8.02E+08	2.11E+08	1.01E+03	1.94E+01	0.00E+00	0.00E+00	1.20E+00	1.18E+02	1.17E+04	0.00E+00	3.45E+08	2.89E+05	1.38E+00	2.72E+02	4.69E+03	0.00E+00	1.77E+04	2.48E+04	1.17E+04	2.24E+04	4.84E+03	0.00E+00	0.00E+00	0.00E+00	5.37E+01
HF4P340DCKH-MTS	2.18E+01	4.28E+03	7.83E+00	4.29E+03	0.00E+00	0.00E+00	8.04E+03	1.12E+05	2.89E+00	4.27E+01	0.00E+00	1.87E+02	5.39E+07	1.28E+05	6.12E+03	1.18E+02	0.00E+00	0.00E+00	7.66E+00	7.38E+02	1.07E+05	0.00E+00	2.06E+05	1.76E+04	8.36E+00	1.65E+01	2.84E+04	0.00E+00	1.07E+05	1.51E+05	1.07E+05	1.39E+05	2.84E+04	0.00E+00	0.00E+00	0.00E+00	3.26E+03
HF4P340DEKHM-MTS	2.18E+01	4.28E+03	7.83E+00	4.29E+03	0.00E+00	0.00E+00	8.04E+03	1.12E+05	2.89E+00	4.27E+01	0.00E+00	1.87E+02	5.39E+07	1.28E+05	6.12E+03	1.18E+02	0.00E+00	0.00E+00	7.66E+00	7.38E+02	1.07E+05	0.00E+00	2.06E+05	1.76E+04	8.36E+00	1.65E+01	2.84E+04	0.00E+00	1.07E+05	1.51E+05	1.07E+05	1.39E+05	2.84E+04	0.00E+00	0.00E+00	0.00E+00	3.26E+03
HF4P440DCKH-MTS	2.18E+01	4.28E+03	7.83E+00	4.29E+03	0.00E+00	0.00E+00	8.04E+03	1.12E+05	2.89E+00	4.27E+01	0.00E+00	1.87E+02	5.39E+07	1.28E+05	6.12E+03	1.18E+02	0.00E+00	0.00E+00	7.66E+00	7.38E+02	1.07E+05	0.00E+00	2.06E+05	1.76E+04	8.36E+00	1.65E+01	2.84E+04	0.00E+00	1.07E+05	1.51E+05	1.07E+05	1.39E+05	2.84E+04	0.00E+00	0.00E+00	0.00E+00	3.26E+03
HF4P440DEKHM-MTS	2.18E+01	4.28E+03	7.83E+00	4.29E+03	0.00E+00	0.00E+00	8.04E+03	1.12E+05	2.89E+00	4.27E+01	0.00E+00	1.87E+02	5.39E+07	1.28E+05	6.12E+03	1.18E+02	0.00E+00	0.00E+00	7.66E+00	7.38E+02	1.07E+05	0.00E+00	2.06E+05	1.76E+04	8.36E+00	1.65E+01	2.84E+04	0.00E+00	1.07E+05	1.51E+05	1.07E+05	1.39E+05	2.84E+04	0.00E+00	0.00E+00	0.00E+00	3.26E+03
HF4W340DSAH-MTS	2.17E+01	4.24E+03	7.80E+00	4.23E+03	0.00E+00	0.00E+00	8.01E+03	1.12E+05	2.84E+00	4.25E+01	0.00E+00	1.86E+02	5.33E+07	1.27E+05	6.09E+03	1.17E+02	0.00E+00	0.00E+00	7.63E+00	7.31E+02	1.07E+05	0.00E+00	2.05E+05	1.75E+04	8.32E+00	1.64E+01	2.83E+04	0.00E+00	1.07E+05	1.50E+05	1.07E+05	1.38E+05	2.83E+04	0.00E+00	0.00E+00	0.00E+00	3.25E+03
HF4W340DSAH-MTS	2.17E+01	4.24E+03	7.80E+00	4.23E+03	0.00E+00	0.00E+00	8.01E+03	1.12E+05	2.84E+00	4.25E+01	0.00E+00	1.86E+02	5.33E+07	1.27E+05	6.09E+03	1.17E+02	0.00E+00	0.00E+00	7.63E+00	7.31E+02	1.07E+05	0.00E+00	2.05E+05	1.75E+04	8.32E+00	1.64E+01	2.83E+04	0.00E+00	1.07E+05	1.50E+05	1.07E+05	1.38E+05	2.83E+04	0.00E+00	0.00E+00	0.00E+00	3.25E+03
HF4P340FCKH-MTS	1.21E+01	2.39E+03	4.34E+00	2.39E+03	0.00E+00	0.00E+00	4.40E+03	6.21E+03	1.47E+00	2.36E+01	0.00E+00	1.03E+02	2.96E+07	7.06E+08	3.39E+03	5.62E+01	0.00E+00	0.00E+00	4.24E+00	4.26E+00	5.99E+04	0.00E+00	1.14E+05	9.72E+05	4.83E+01	9.13E+02	1.57E+04	0.00E+00	5.95E+04	8.34E+04	5.95E+04	7.53E+04	1.57E+04	0.00E+00	0.00E+00	0.00E+00	1.81E+02
HF4P340FEKH-MTS	1.21E+01	2.39E+03	4.34E+00	2.39E+03	0.00E+00	0.00E+00	4.40E+03	6.21E+03	1.47E+00	2.36E+01	0.00E+00	1.03E+02	2.96E+07	7.06E+08	3.39E+03	5.62E+01	0.00E+00	0.00E+00	4.24E+00	4.26E+00	5.99E+04	0.00E+00	1.14E+05	9.72E+05	4.83E+01	9.13E+02	1.57E+04	0.00E+00	5.95E+04	8.34E+04	5.95E+04	7.53E+04	1.57E+04	0.00E+00	0.00E+00	0.00E+00	1.81E+02
HF4P440FCKH-MTS	1.21E+01	2.39E+03	4.34E+00	2.39E+03	0.																																

HW4S432FE	5.95E+00	1.18E+03	2.14E+03	1.18E+03	0.00E+00	0.00E+00	2.19E+03	3.08E+03	7.25E+01	1.18E+01	0.00E+00	5.00E+01	1.48E+07	3.49E+08	1.87E+03	3.21E+01	0.00E+00	0.00E+00	2.00E+00	1.98E+02	2.93E+04	0.00E+00	5.63E+08	4.79E+05	5.28E+00	4.50E+02	7.76E+03	0.00E+00	2.93E+04	4.11E+04	2.93E+04	3.71E+04	7.76E+03	0.00E+00	0.00E+00	0.00E+00	8.80E+01
HW4S440DB	1.51E+01	3.73E+03	8.88E+00	3.72E+03	0.00E+00	0.00E+00	7.68E+03	8.81E+03	2.33E+00	3.74E+01	0.00E+00	1.83E+02	4.69E+07	1.12E+09	5.39E+03	1.03E+02	0.00E+00	0.00E+00	8.71E+00	8.29E+02	8.41E+04	0.00E+00	1.81E+05	1.54E+04	7.32E+00	1.44E+01	2.49E+04	0.00E+00	9.41E+04	1.32E+05	9.41E+04	1.13E+05	2.49E+04	0.00E+00	0.00E+00	2.89E+02	
HW4S440DE	1.92E+01	3.78E+03	8.91E+00	3.75E+03	0.00E+00	0.00E+00	7.70E+03	9.89E+03	2.34E+00	3.77E+01	0.00E+00	1.85E+02	4.72E+07	1.12E+09	5.40E+03	1.04E+02	0.00E+00	0.00E+00	8.78E+00	8.34E+02	9.48E+04	0.00E+00	1.82E+05	1.55E+04	7.38E+00	1.44E+01	2.51E+04	0.00E+00	9.48E+04	1.33E+05	9.48E+04	1.20E+05	2.51E+04	0.00E+00	0.00E+00	2.88E+02	
HW4S440FB	9.37E+00	1.83E+03	3.38E+00	1.83E+03	0.00E+00	0.00E+00	3.45E+03	4.81E+03	1.14E+00	1.83E+01	0.00E+00	8.01E+01	2.33E+07	5.49E+08	2.87E+03	5.08E+01	0.00E+00	0.00E+00	3.29E+00	3.08E+02	4.81E+04	0.00E+00	8.88E+08	7.54E+05	3.58E+00	7.08E+02	1.22E+04	0.00E+00	4.61E+04	8.47E+04	4.61E+04	5.83E+04	1.22E+04	0.00E+00	0.00E+00	1.49E+02	
HW4S440FE	9.52E+00	1.88E+03	3.42E+00	1.88E+03	0.00E+00	0.00E+00	3.51E+03	4.88E+03	1.16E+00	1.88E+01	0.00E+00	8.14E+01	2.34E+07	5.58E+08	2.91E+03	5.14E+01	0.00E+00	0.00E+00	3.34E+00	3.14E+02	4.98E+04	0.00E+00	9.02E+08	7.68E+05	3.65E+00	7.20E+02	1.24E+04	0.00E+00	4.68E+04	8.57E+04	4.68E+04	5.93E+04	1.24E+04	0.00E+00	0.00E+00	1.42E+02	
HW4W310DS	7.85E+01	1.47E+03	2.71E+03	1.47E+03	0.00E+00	0.00E+00	2.79E+03	3.88E+04	1.48E+00	2.79E+01	0.00E+00	6.84E+00	1.83E+07	4.40E+07	2.12E+02	1.08E+00	0.00E+00	0.00E+00	2.88E+00	3.46E+02	3.72E+03	0.00E+00	1.74E+07	6.07E+04	8.89E+01	5.71E+03	9.84E+03	0.00E+00	3.72E+03	5.31E+04	3.72E+03	4.70E+03	9.84E+03	0.00E+00	0.00E+00	1.13E+01	
HW4W310FS	4.48E+01	8.71E+02	1.88E+03	8.89E+01	0.00E+00	0.00E+00	1.64E+03	2.29E+04	6.43E+02	8.75E+01	0.00E+00	3.82E+00	1.89E+08	2.82E+07	1.29E+02	2.41E+00	0.00E+00	0.00E+00	1.57E+01	1.47E+01	2.20E+02	0.00E+00	4.22E+07	3.59E+08	1.71E+03	3.37E+03	5.82E+02	0.00E+00	2.35E+03	3.08E+03	2.20E+03	2.79E+03	5.82E+02	0.00E+00	0.00E+00	8.67E+00	
HW4W312DS	1.20E+00	2.33E+02	4.30E+01	2.33E+02	0.00E+00	0.00E+00	4.41E+02	6.15E+04	1.46E+01	2.34E+00	0.00E+00	1.02E+01	2.94E+08	7.01E+07	3.39E+02	4.46E+00	0.00E+00	0.00E+00	4.20E+01	3.94E+01	5.98E+03	0.00E+00	1.11E+08	9.83E+08	4.58E+01	9.04E+03	1.58E+03	0.00E+00	5.89E+03	8.26E+03	5.89E+03	7.45E+03	1.58E+03	0.00E+00	0.00E+00	1.79E+01	
HW4W312FS	7.68E+01	1.93E+02	2.78E+03	1.93E+02	0.00E+00	0.00E+00	2.83E+02	3.95E+04	9.37E+02	1.93E+00	0.00E+00	6.58E+00	1.89E+08	4.26E+07	2.18E+02	4.15E+00	0.00E+00	0.00E+00	2.79E+01	2.53E+01	4.58E+03	0.00E+00	7.27E+07	6.18E+04	2.95E+01	5.81E+03	1.00E+03	0.00E+00	3.79E+03	5.31E+03	3.79E+03	4.79E+03	1.00E+03	0.00E+00	0.00E+00	1.15E+01	
HW4W316DS	2.05E+00	3.99E+02	3.35E+00	3.99E+02	0.00E+00	0.00E+00	7.54E+02	6.18E+03	1.48E+00	3.99E+01	0.00E+00	4.00E+00	1.16E+07	3.25E+07	1.58E+02	1.10E+00	0.00E+00	0.00E+00	4.38E+00	4.12E+01	1.51E+04	0.00E+00	1.14E+05	1.85E+05	7.84E+01	5.81E+03	2.67E+03	0.00E+00	1.50E+04	1.81E+04	1.10E+04	1.79E+04	2.67E+03	0.00E+00	0.00E+00	3.06E+01	
HW4W316FS	1.33E+00	2.63E+02	4.79E+01	2.63E+02	0.00E+00	0.00E+00	4.92E+02	6.85E+04	1.82E+01	2.63E+00	0.00E+00	1.14E+01	3.27E+08	7.82E+07	3.74E+02	7.20E+00	0.00E+00	0.00E+00	4.69E+01	4.39E+01	6.57E+03	0.00E+00	1.26E+08	1.07E+05	5.11E+01	1.01E+02	1.74E+03	0.00E+00	8.57E+03	8.21E+03	8.57E+03	8.31E+03	1.74E+03	0.00E+00	0.00E+00	1.99E+01	
HW4W320DS	3.28E+00	6.40E+02	1.18E+03	6.39E+02	0.00E+00	0.00E+00	1.21E+03	1.58E+05	3.99E+01	6.42E+00	0.00E+00	2.81E+01	8.05E+08	1.26E+08	6.20E+02	1.77E+01	0.00E+00	0.00E+00	1.15E+00	1.08E+02	1.82E+04	0.00E+00	1.82E+08	2.84E+05	1.26E+00	2.48E+02	4.28E+03	0.00E+00	1.82E+04	2.26E+04	1.82E+04	2.04E+04	4.28E+03	0.00E+00	0.00E+00	4.90E+01	
HW4W320FS	2.12E+00	4.17E+02	7.82E+01	4.12E+02	0.00E+00	0.00E+00	7.80E+02	1.10E+05	2.58E+01	4.14E+00	0.00E+00	1.81E+01	5.19E+08	1.24E+08	5.94E+02	1.14E+01	0.00E+00	0.00E+00	7.44E+01	6.98E+01	1.04E+04	0.00E+00	2.00E+08	1.70E+05	8.11E+01	1.80E+02	1.74E+03	0.00E+00	1.04E+04	1.49E+04	1.04E+04	1.32E+04	1.74E+03	0.00E+00	0.00E+00	3.18E+01	
HW4W325DB	5.48E+00	1.07E+03	2.72E+03	1.07E+03	0.00E+00	0.00E+00	2.02E+03	2.82E+05	6.83E+01	1.07E+01	0.00E+00	4.65E+01	1.34E+07	3.21E+08	1.54E+03	2.86E+01	0.00E+00	0.00E+00	1.00E+00	9.00E+02	1.82E+04	0.00E+00	5.23E+08	6.41E+05	2.22E+00	4.24E+02	7.25E+03	0.00E+00	2.70E+04	3.76E+04	2.22E+04	3.12E+04	7.25E+03	0.00E+00	0.00E+00	8.12E+01	
HW4P325DE	5.63E+00	1.10E+03	2.82E+00	1.10E+03	0.00E+00	0.00E+00	2.86E+03	8.88E+01	1.10E+01	2.86E+01	0.00E+00	4.82E+01	1.34E+07	3.36E+08	1.58E+03	3.04E+01	0.00E+00	0.00E+00	1.08E+00	1.08E+02	1.82E+04	0.00E+00	5.39E+08	6.41E+05	2.26E+00	4.24E+02	7.34E+03	0.00E+00	2.77E+04	3.89E+04	2.77E+04	3.51E+04	7.34E+03	0.00E+00	0.00E+00	8.42E+01	
HW4P325FB	3.58E+00	8.69E+02	1.29E+03	8.69E+02	0.00E+00	0.00E+00	1.32E+03	1.84E+02	4.39E+01	7.01E+00	0.00E+00	3.99E+01	8.79E+08	2.10E+08	1.09E+03	1.83E+01	0.00E+00	0.00E+00	1.29E+00	1.18E+02	1.77E+04	0.00E+00	2.89E+08	2.89E+05	1.37E+00	2.71E+02	4.67E+03	0.00E+00	1.79E+04	2.47E+04	1.79E+04	2.22E+04	4.67E+03	0.00E+00	0.00E+00	5.59E+01	
HW4P325FE	3.73E+00	7.29E+02	1.34E+00	7.27E+02	0.00E+00	0.00E+00	1.38E+03	1.92E+02	4.55E+01	7.31E+00	0.00E+00	3.19E+01	8.16E+08	2.18E+08	1.09E+03	2.02E+01	0.00E+00	0.00E+00	1.11E+00	1.23E+02	1.84E+04	0.00E+00	3.53E+08	3.01E+05	1.42E+00	2.82E+02	4.87E+03	0.00E+00	1.84E+04	2.59E+04	1.84E+04	2.33E+04	4.87E+03	0.00E+00	0.00E+00	5.58E+01	
HW4P332DB	1.13E+01	2.32E+03	4.27E+00	2.32E+03	0.00E+00	0.00E+00	4.39E+03	6.11E+03	1.45E+00	2.32E+01	0.00E+00	1.02E+02	2.82E+07	6.97E+08	3.34E+03	6.43E+01	0.00E+00	0.00E+00	4.18E+00	3.92E+02	5.89E+04	0.00E+00	1.13E+05	9.58E+05	4.56E+00	9.01E+02	1.50E+04	0.00E+00	5.88E+04	8.21E+04	5.88E+04	7.41E+04	1.50E+04	0.00E+00	0.00E+00	1.78E+01	
HW4P332DE	1.20E+01	2.35E+03	4.34E+01	2.35E+03	0.00E+00	0.00E+00	4.44E+03	6.18E+03	1.47E+00	2.35E+01	0.00E+00	1.03E+02	2.86E+07	7.06E+08	3.38E+03	6.51E+01	0.00E+00	0.00E+00	4.23E+00	3.97E+02	5.94E+04	0.00E+00	1.14E+05	9.78E+05	4.62E+00	9.11E+02	1.51E+04	0.00E+00	5.94E+04	8.32E+04	5.94E+04	7.51E+04	1.51E+04	0.00E+00	0.00E+00	1.80E+01	
HW4P332FB	5.80E+00	1.13E+03	2.88E+00	1.13E+03	0.00E+00	0.00E+00	2.14E+03	2.98E+01	7.88E+01	1.13E+01	0.00E+00	4.96E+01	1.42E+07	3.40E+08	1.83E+03	3.13E+01	0.00E+00	0.00E+00	2.04E+00	1.91E+02	2.89E+04	0.00E+00	5.48E+08	4.67E+05	2.22E+00	4.38E+02	7.58E+03	0.00E+00	2.89E+04	4.03E+04	2.89E+04	3.61E+04	7.58E+03	0.00E+00	0.00E+00	8.67E+01	
HW4P332FE	5.95E+00	1.18E+03	2.94E+00	1.18E+03	0.00E+00	0.00E+00	2.19E+03	3.06E+01	7.75E+01	1.18E+01	0.00E+00	5.06E+01	1.45E+07	3.46E+08	1.87E+03	3.21E+01	0.00E+00	0.00E+00	2.08E+00	1.96E+02	2.93E+04	0.00E+00	5.63E+08	4.79E+05	2.28E+00	4.50E+02	7.76E+03	0.00E+00	2.93E+04	4.11E+04	2.93E+04	3.71E+04	7.76E+03	0.00E+00	0.00E+00	8.80E+01	
HW4P425DE	5.63E+00	1.10E+03	2.82E+00	1.10E+03	0.00E+00	0.00E+00	2.86E+03	8.88E+01	1.10E+01	2.86E+01	0.00E+00	4.82E+01	1.34E+07	3.36E+08	1.58E+03	3.04E+01	0.00E+00	0.00E+00	1.08E+00	1.08E+02	1.82E+04	0.00E+00	5.39E+08	6.41E+05	2.26E+00	4.24E+02	7.34E+03	0.00E+00	2.77E+04	3.89E+04	2.77E+04	3.51E+04	7.34E+03	0.00E+00	0.00E+00	8.42E+01	
HW4P340DB	1.91E+01	3.73E+03	8.88E+00	3.73E+03	0.00E+00	0.00E+00	7.68E+03	8.81E+03	2.33E+00	3.74E+01	0.00E+00	1.83E+02	4.69E+07	1.12E+09	5.39E+03	1.03E+02	0.00E+00	0.00E+00	8.71E+00	8.29E+02	8.41E+04	0.00E+00	1.81E+05	1.54E+04	7.32E+00	1.44E+01	2.49E+04	0.00E+00	9.41E+04	1.32E+05	9.41E+04	1.13E+05	2.49E+04	0.00E+00	0.00E+00	2.89E+02	
HW4P340DE	1.91E+01	3.78E+03	8.91E+00	3.75E+03	0.00E+00	0.00E+00	7.70E+03	9.89E+03	2.34E+00	3.77E+01	0.00E+00	1.85E+02	4.72E+07	1.12E+09	5.40E+03	1.04E+02	0.00E+00	0.00E+00	8.78E+00	8.34E+02	9.48E+04	0.00E+00	1.82E+05	1.55E+04	7.38E+00	1.44E+01	2.51E+04	0.00E+00	9.48E+04	1.33E+05	9.48E+04	1.20E+05	2.51E+04	0.00E+00	0.00E+00	2.88E+02	
HW4W325DS	5.37E+00	1.05E+02	1.93E+00	1.05E+02	0.00E+00	0.00E+00	1.98E+02	2.78E+02	6.54E+01	1.05E+01	0.00E+00	4.88E+01	1.33E+07	3.10E+08	1.51E+03	2.86E+01	0.00E+00	0.00E+00	1.89E+00	1.77E+02	2.05E+04	0.00E+00	5.08E+08	4.33E+05	2.86E+00	4.68E+02	7.08E+03	0.00E+00	2.65E+04	3.71E+04	2.65E+04	3.35E+04	7.08E+03	0.00E+00	0.00E+00	8.03E+01	
HW4W325FS	3.47E+00	6.78E+02	1.25E+00	6.77E+02	0.00E+00	0.00E+00	1.28E+03	1.76E+02	4.23E+01	8.80E+00	0.00E+00	2.97E+01	8.51E+08	2.04E+08	6.79E+02	1.88E+01	0.00E+00	0.00E+00</																			

HW4E432FE	5.95E+00	1.18E+03	2.14E+00	1.18E+03	0.00E+00	0.00E+00	2.19E+03	3.08E+03	7.25E-01	1.18E+03	0.00E+00	5.00E+01	1.48E-07	3.49E+08	1.67E+03	3.21E+01	0.00E+00	0.00E+00	2.00E+00	1.96E+02	2.93E+04	0.00E+00	5.63E+08	4.79E+05	5.28E+00	4.50E+02	7.76E+03	0.00E+00	2.93E+04	4.11E+04	2.93E+04	3.71E+04	7.76E+03	0.00E+00	0.00E+00	0.00E+00	8.80E+01
HW4E440DB	1.51E+01	3.73E+03	8.88E+00	3.72E+03	0.00E+00	0.00E+00	7.04E+03	8.81E+03	2.33E+00	3.74E+03	0.00E+00	1.83E+02	4.69E-07	1.12E+09	5.39E+03	1.03E+02	0.00E+00	0.00E+00	8.71E+00	8.28E+02	8.41E+04	0.00E+00	1.81E+05	1.54E+04	7.32E+00	3.44E+01	2.49E+04	0.00E+00	9.41E+04	1.32E+05	9.41E+04	1.13E+05	2.49E+04	0.00E+00	0.00E+00	2.89E+02	
HW4E440DE	1.92E+01	3.78E+03	8.91E+00	3.75E+03	0.00E+00	0.00E+00	7.05E+03	8.90E+03	2.34E+00	3.77E+03	0.00E+00	1.85E+02	4.72E-07	1.12E+09	5.40E+03	1.04E+02	0.00E+00	0.00E+00	8.76E+00	8.34E+02	8.48E+04	0.00E+00	1.82E+05	1.55E+04	7.35E+00	3.46E+01	2.51E+04	0.00E+00	9.48E+04	1.33E+05	9.48E+04	1.20E+05	2.51E+04	0.00E+00	0.00E+00	2.88E+02	
HW4E440FB	9.37E+00	1.83E+03	3.38E+00	1.83E+03	0.00E+00	0.00E+00	3.45E+03	4.81E+03	1.14E+00	1.83E+03	0.00E+00	8.01E+01	2.30E-07	5.49E+08	2.63E+03	5.08E+01	0.00E+00	0.00E+00	3.29E+00	3.04E+02	4.81E+04	0.00E+00	8.86E+08	7.54E+05	3.39E+00	7.08E+02	1.22E+04	0.00E+00	4.61E+04	6.47E+04	4.81E+04	5.83E+04	1.22E+04	0.00E+00	0.00E+00	1.43E+02	
HW4E440FE	9.52E+00	1.88E+03	3.42E+00	1.88E+03	0.00E+00	0.00E+00	3.51E+03	4.86E+03	1.16E+00	1.88E+03	0.00E+00	8.16E+01	2.34E-07	5.58E+08	2.67E+03	5.14E+01	0.00E+00	0.00E+00	3.34E+00	3.08E+02	4.96E+04	0.00E+00	9.02E+08	7.68E+05	3.43E+00	7.20E+02	1.24E+04	0.00E+00	4.68E+04	6.57E+04	4.86E+04	5.93E+04	1.24E+04	0.00E+00	0.00E+00	1.42E+02	
HW4P310DB	8.62E-01	1.68E+03	3.10E+00	1.68E+03	0.00E+00	0.00E+00	3.30E+03	4.40E+03	1.05E-01	1.68E+03	0.00E+00	7.38E+01	2.16E-07	5.06E+08	2.42E+03	4.96E+00	0.00E+00	0.00E+00	3.00E+00	3.03E+01	4.29E+03	0.00E+00	8.15E+07	6.94E+03	3.10E+01	6.53E+03	1.12E+03	0.00E+00	4.29E+03	5.96E+03	4.29E+03	5.12E+03	1.12E+03	0.00E+00	0.00E+00	1.29E+01	
HW4P310DE	1.01E+00	1.98E+02	3.84E-01	1.98E+02	0.00E+00	0.00E+00	3.74E+02	5.21E+04	1.34E-01	1.98E+02	0.00E+00	8.88E+00	2.49E-06	5.95E+07	2.89E+02	5.48E+00	0.00E+00	0.00E+00	3.98E+01	3.54E+01	5.00E+02	0.00E+00	9.58E+07	8.18E+03	3.88E+01	7.67E+03	1.32E+03	0.00E+00	5.00E+03	7.00E+03	5.00E+03	6.32E+03	1.32E+03	0.00E+00	0.00E+00	1.53E+01	
HW4P310FB	5.54E-01	1.08E+02	1.99E-01	1.08E+02	0.00E+00	0.00E+00	2.04E+02	2.84E+04	8.74E-02	1.08E+02	0.00E+00	4.74E+00	1.36E-06	3.26E+07	1.93E+02	2.99E+00	0.00E+00	0.00E+00	1.95E+01	1.82E+01	2.73E+03	0.00E+00	5.24E+07	4.48E+03	1.12E+01	4.18E+03	7.22E+02	0.00E+00	2.73E+03	3.82E+03	2.73E+03	3.45E+03	7.22E+02	0.00E+00	0.00E+00	8.28E+00	
HW4E320DB	3.94E-01	6.81E+02	1.23E+00	6.88E+02	0.00E+00	0.00E+00	1.25E+03	1.74E+03	4.13E-01	6.83E+02	0.00E+00	2.90E+01	8.31E-08	3.86E+08	9.50E+02	1.82E+01	0.00E+00	0.00E+00	1.00E+00	1.12E+01	1.17E+04	0.00E+00	3.20E+08	2.73E+05	1.30E+00	2.58E+02	4.61E+03	0.00E+00	1.67E+04	2.34E+04	1.67E+04	2.11E+04	4.61E+03	0.00E+00	0.00E+00	5.08E+01	
HW4E320DE	3.54E-01	6.81E+02	1.23E+00	6.88E+02	0.00E+00	0.00E+00	1.25E+03	1.74E+03	4.13E-01	6.83E+02	0.00E+00	3.03E+01	8.36E-08	3.87E+08	9.50E+02	1.91E+01	0.00E+00	0.00E+00	1.00E+00	1.24E+01	1.17E+04	0.00E+00	3.14E+08	2.73E+05	1.30E+00	2.58E+02	4.61E+03	0.00E+00	1.74E+04	2.44E+04	1.74E+04	2.20E+04	4.61E+03	0.00E+00	0.00E+00	5.29E+01	
HW4E320FB	2.22E+00	4.24E+02	7.88E-01	4.32E+02	0.00E+00	0.00E+00	8.20E+02	1.14E+03	2.71E-01	4.35E+02	0.00E+00	1.95E+01	5.48E-08	1.30E+08	6.24E+02	1.20E+01	0.00E+00	0.00E+00	7.81E+01	7.33E+01	1.13E+04	0.00E+00	2.10E+08	1.79E+05	8.53E-01	1.68E+02	2.90E+03	0.00E+00	1.10E+04	1.54E+04	1.10E+04	1.39E+04	2.90E+03	0.00E+00	0.00E+00	3.33E+01	
HW4S340FE	9.52E+00	1.94E+03	3.42E+00	1.95E+03	0.00E+00	0.00E+00	3.51E+03	4.88E+03	1.18E+00	1.95E+03	0.00E+00	8.14E+01	2.34E-07	5.58E+08	2.67E+03	5.14E+01	0.00E+00	0.00E+00	3.34E+00	3.14E+02	4.98E+04	0.00E+00	9.02E+08	7.68E+05	3.43E+00	7.20E+02	1.24E+04	0.00E+00	4.68E+04	6.57E+04	4.88E+04	5.93E+04	1.24E+04	0.00E+00	0.00E+00	1.42E+02	
HW4E320FB	2.38E+00	4.47E+02	8.53E-01	4.63E+02	0.00E+00	0.00E+00	8.76E+02	1.22E+03	2.88E-01	4.65E+02	0.00E+00	2.03E+01	5.83E-08	1.36E+08	6.47E+02	1.28E+01	0.00E+00	0.00E+00	8.35E+01	7.83E+01	1.17E+04	0.00E+00	2.21E+08	1.91E+05	8.53E-01	1.80E+02	2.90E+03	0.00E+00	1.17E+04	1.64E+04	1.17E+04	1.48E+04	2.90E+03	0.00E+00	0.00E+00	3.50E+01	
HW4E325DB	5.48E+00	1.07E+03	1.87E+00	1.07E+03	0.00E+00	0.00E+00	2.02E+03	2.82E+03	6.87E-01	1.07E+03	0.00E+00	4.65E+01	1.34E-07	3.21E+08	1.54E+03	2.96E+01	0.00E+00	0.00E+00	1.00E+00	1.82E+01	1.97E+04	0.00E+00	5.23E+08	4.61E+05	2.10E+00	4.24E+02	7.12E+03	0.00E+00	2.70E+04	3.76E+04	2.10E+04	3.41E+04	7.12E+03	0.00E+00	0.00E+00	8.13E+01	
HW4E325DE	5.63E+00	1.10E+03	1.92E+00	1.10E+03	0.00E+00	0.00E+00	2.06E+03	2.88E+03	6.86E-01	1.10E+03	0.00E+00	4.82E+01	1.36E-07	3.36E+08	1.58E+03	3.04E+01	0.00E+00	0.00E+00	1.00E+00	1.89E+01	1.98E+04	0.00E+00	5.43E+08	4.76E+05	2.16E+00	4.24E+02	7.34E+03	0.00E+00	2.77E+04	3.88E+04	2.77E+04	5.16E+04	7.34E+03	0.00E+00	0.00E+00	8.42E+01	
HW4E325FB	3.58E+00	6.89E+02	1.29E+00	6.98E+02	0.00E+00	0.00E+00	1.32E+03	1.84E+02	4.39E-01	7.01E+02	0.00E+00	3.99E+01	8.79E-08	2.10E+08	1.09E+03	1.93E+01	0.00E+00	0.00E+00	1.28E+00	1.18E+02	1.77E+04	0.00E+00	2.88E+08	2.49E+05	1.37E+00	2.71E+02	4.67E+03	0.00E+00	1.79E+04	2.47E+04	1.79E+04	2.23E+04	4.67E+03	0.00E+00	0.00E+00	5.59E+01	
HW4E325FE	3.73E+00	7.29E+02	1.34E+00	7.27E+02	0.00E+00	0.00E+00	1.38E+03	1.92E+02	4.55E-01	7.31E+02	0.00E+00	3.19E+01	9.18E-08	2.18E+08	1.09E+03	2.02E+01	0.00E+00	0.00E+00	1.11E+00	1.23E+02	1.84E+04	0.00E+00	3.53E+08	3.01E+05	1.42E+00	2.82E+02	4.87E+03	0.00E+00	1.84E+04	2.58E+04	1.84E+04	2.33E+04	4.87E+03	0.00E+00	0.00E+00	5.58E+01	
HW4E332DB	1.19E+00	2.32E+03	4.27E+00	2.32E+03	0.00E+00	0.00E+00	4.39E+03	6.11E+03	1.49E+00	2.33E+03	0.00E+00	1.02E+02	2.82E-07	6.97E+08	3.34E+03	6.43E+01	0.00E+00	0.00E+00	4.18E+00	3.82E+02	5.90E+04	0.00E+00	1.13E+05	9.58E+05	4.58E+00	9.11E+02	1.57E+04	0.00E+00	5.88E+04	8.21E+04	5.88E+04	7.41E+04	1.57E+04	0.00E+00	0.00E+00	1.78E+02	
HW4E332DE	1.20E+01	2.32E+03	4.30E+00	2.33E+03	0.00E+00	0.00E+00	4.44E+03	6.18E+03	1.47E+00	2.33E+03	0.00E+00	1.03E+02	2.86E-07	7.06E+08	3.38E+03	6.51E+01	0.00E+00	0.00E+00	4.29E+00	3.97E+02	5.94E+04	0.00E+00	1.14E+05	9.68E+05	4.62E+00	9.12E+02	1.57E+04	0.00E+00	5.94E+04	8.26E+04	5.94E+04	7.51E+04	1.57E+04	0.00E+00	0.00E+00	1.80E+02	
HW4E332FB	5.80E+00	1.13E+03	2.88E+00	1.13E+03	0.00E+00	0.00E+00	2.14E+03	2.98E+03	7.88E-01	1.13E+03	0.00E+00	4.96E+01	1.42E-07	3.40E+08	1.83E+03	3.13E+01	0.00E+00	0.00E+00	2.04E+00	1.91E+02	2.88E+04	0.00E+00	5.48E+08	4.67E+05	2.22E+00	4.38E+02	7.16E+03	0.00E+00	2.88E+04	4.00E+04	2.88E+04	3.61E+04	7.16E+03	0.00E+00	0.00E+00	8.67E+01	
HW4E332FE	5.95E+00	1.18E+03	2.94E+00	1.18E+03	0.00E+00	0.00E+00	2.19E+03	3.06E+03	7.75E-01	1.18E+03	0.00E+00	5.09E+01	1.48E-07	3.46E+08	1.87E+03	3.21E+01	0.00E+00	0.00E+00	2.08E+00	1.96E+02	2.93E+04	0.00E+00	5.62E+08	4.79E+05	2.28E+00	4.50E+02	7.26E+03	0.00E+00	2.93E+04	4.11E+04	2.93E+04	3.71E+04	7.26E+03	0.00E+00	0.00E+00	8.80E+01	
HW4E340DB	1.91E+01	3.73E+03	8.88E+00	3.72E+03	0.00E+00	0.00E+00	7.04E+03	8.81E+03	2.33E+00	3.74E+03	0.00E+00	1.83E+02	4.69E-07	1.12E+09	5.39E+03	1.03E+02	0.00E+00	0.00E+00	8.71E+00	8.28E+02	8.41E+04	0.00E+00	1.81E+05	1.54E+04	7.32E+00	3.44E+01	2.49E+04	0.00E+00	9.41E+04	1.32E+05	9.41E+04	1.13E+05	2.49E+04	0.00E+00	0.00E+00	2.89E+02	
HW4E340DE	1.92E+01	3.78E+03	8.91E+00	3.75E+03	0.00E+00	0.00E+00	7.05E+03	8.90E+03	2.34E+00	3.77E+03	0.00E+00	1.85E+02	4.72E-07	1.12E+09	5.40E+03	1.04E+02	0.00E+00	0.00E+00	8.76E+00	8.34E+02	8.48E+04	0.00E+00	1.82E+05	1.55E+04	7.35E+00	3.46E+01	2.51E+04	0.00E+00	9.48E+04	1.33E+05	9.48E+04	1.20E+05	2.51E+04	0.00E+00	0.00E+00	2.88E+02	
HW4E340FB	9.37E+00	1.83E+03	3.38E+00	1.83E+03	0.00E+00	0.00E+00	3.45E+03	4.81E+03	1.14E+00	1.83E+03	0.00E+00	8.01E+01	2.30E-07	5.49E+08	2.63E+03	5.08E+01	0.00E+00	0.00E+00	3.29E+00	3.04E+02	4.81E+04	0.00E+00	8.86E+08	7.54E+05	3.39E+00	7.08E+02	1.22E+04	0.00E+00	4.61E+04	6.47E+04	4.81E+04	5.83E+04	1.22E+04	0.00E+00	0.00E+00	1.43E+02	
HW4E340FE	9.52E+00	1.88E+03	3.42E+00	1.88E+03	0.00E+00	0.00E+00	3.51E+03	4.86E+03	1.16E+00	1.88E+03	0.00E+00	8.16E+01	2.34E-07	5.58E+08	2.67E+03	5.14E+01	0.00E+00	0.00E+00	3.34E+00	3.08E+02	4.96E+04	0.00E+00	9.02E+08	7.68E+05	3.43E+00	7.20E+02	1.24E+04	0.00E+00	4.68E+04	6.57E+04	4.86E+04	5.93E+04	1.24E+04	0.00E+00	0.00E+00	1.42E+02	
HW4E410DB	8.62E-01	1.68E+02	3.10E-01	1.68E+02	0.00E+00	0.00E+00	3.30E+02	4.40E+04	8.74E-02	1.68E+02	0.00E+00	7.38E+01	2.16E-07	5.06E+08	2.42E+03	4.96E+00	0.00E+00	0.00E+00</																			

HWY069HSA	8.84E-01	1.69E-02	3.75E-02	1.65E-02	0.00E+00	0.00E+00	2.53E-02	4.05E-04	1.03E-01	1.66E-00	0.00E+00	4.66E-00	2.09E-00	4.95E-07	2.21E-02	4.48E+00	0.00E+00	0.00E+00	2.99E-01	2.55E-01	4.95E-03	0.00E+00	7.23E-07	6.93E-08	3.26E-01	6.00E-03	9.48E-03	0.00E+00	4.05E-03	5.48E-05	4.05E-03	5.00E-03	9.48E-02	0.00E+00	0.00E+00	0.00E+00	1.29E-01
HWY158HSA	8.84E-01	1.69E-02	3.75E-02	1.65E-02	0.00E+00	0.00E+00	2.53E-02	4.05E-04	1.03E-01	1.66E-00	0.00E+00	4.66E-00	2.09E-00	4.95E-07	2.21E-02	4.48E+00	0.00E+00	0.00E+00	2.99E-01	2.55E-01	4.95E-03	0.00E+00	7.23E-07	6.93E-08	3.26E-01	6.00E-03	9.48E-03	0.00E+00	4.05E-03	5.48E-05	4.05E-03	5.00E-03	9.48E-02	0.00E+00	0.00E+00	0.00E+00	1.29E-01
HWY159HSA	8.84E-01	1.69E-02	3.75E-02	1.65E-02	0.00E+00	0.00E+00	2.53E-02	4.05E-04	1.03E-01	1.66E-00	0.00E+00	4.66E-00	2.09E-00	4.95E-07	2.21E-02	4.48E+00	0.00E+00	0.00E+00	2.99E-01	2.55E-01	4.95E-03	0.00E+00	7.23E-07	6.93E-08	3.26E-01	6.00E-03	9.48E-03	0.00E+00	4.05E-03	5.48E-05	4.05E-03	5.00E-03	9.48E-02	0.00E+00	0.00E+00	0.00E+00	1.29E-01
HWY160HSA	8.84E-01	1.69E-02	3.75E-02	1.65E-02	0.00E+00	0.00E+00	2.53E-02	4.05E-04	1.03E-01	1.66E-00	0.00E+00	4.66E-00	2.09E-00	4.95E-07	2.21E-02	4.48E+00	0.00E+00	0.00E+00	2.99E-01	2.55E-01	4.95E-03	0.00E+00	7.23E-07	6.93E-08	3.26E-01	6.00E-03	9.48E-03	0.00E+00	4.05E-03	5.48E-05	4.05E-03	5.00E-03	9.48E-02	0.00E+00	0.00E+00	0.00E+00	1.29E-01
HWY161HSA	8.84E-01	1.69E-02	3.75E-02	1.65E-02	0.00E+00	0.00E+00	2.53E-02	4.05E-04	1.03E-01	1.66E-00	0.00E+00	4.66E-00	2.09E-00	4.95E-07	2.21E-02	4.48E+00	0.00E+00	0.00E+00	2.99E-01	2.55E-01	4.95E-03	0.00E+00	7.23E-07	6.93E-08	3.26E-01	6.00E-03	9.48E-03	0.00E+00	4.05E-03	5.48E-05	4.05E-03	5.00E-03	9.48E-02	0.00E+00	0.00E+00	0.00E+00	1.29E-01
HWY168HSA	1.60E-00	3.00E-02	6.74E-00	2.98E-02	0.00E+00	0.00E+00	4.57E-02	7.32E-04	1.87E-01	3.03E-00	0.00E+00	8.42E-00	3.77E-00	8.94E-07	3.99E-02	8.89E+00	0.00E+00	0.00E+00	5.41E-01	4.60E-01	7.73E-03	0.00E+00	1.51E-08	1.25E-05	5.59E-01	1.08E-02	1.71E-03	0.00E+00	7.32E-03	9.89E-01	7.32E-03	9.83E-03	1.71E-02	0.00E+00	0.00E+00	0.00E+00	2.31E-01
HWY169HSA	1.60E-00	3.00E-02	6.74E-00	2.98E-02	0.00E+00	0.00E+00	4.57E-02	7.32E-04	1.87E-01	3.03E-00	0.00E+00	8.42E-00	3.77E-00	8.94E-07	3.99E-02	8.89E+00	0.00E+00	0.00E+00	5.41E-01	4.60E-01	7.73E-03	0.00E+00	1.51E-08	1.25E-05	5.59E-01	1.08E-02	1.71E-03	0.00E+00	7.32E-03	9.89E-01	7.32E-03	9.83E-03	1.71E-02	0.00E+00	0.00E+00	0.00E+00	2.31E-01
HWY140HSA	1.35E-00	2.40E-02	4.53E-01	2.45E-02	0.00E+00	0.00E+00	4.60E-02	6.47E-04	1.53E-01	2.47E-00	0.00E+00	1.08E-01	3.00E-00	7.36E-07	3.54E-02	8.81E+00	0.00E+00	0.00E+00	4.43E-01	4.15E-01	6.12E-03	0.00E+00	1.19E-08	1.01E-05	4.83E-01	9.53E-01	1.84E-03	0.00E+00	6.21E-03	8.75E-03	6.21E-03	7.85E-03	1.64E-03	0.00E+00	0.00E+00	0.00E+00	1.88E-01
HWY141HSA	1.35E-00	2.40E-02	4.53E-01	2.45E-02	0.00E+00	0.00E+00	4.60E-02	6.47E-04	1.53E-01	2.47E-00	0.00E+00	1.08E-01	3.00E-00	7.36E-07	3.54E-02	8.81E+00	0.00E+00	0.00E+00	4.43E-01	4.15E-01	6.12E-03	0.00E+00	1.19E-08	1.01E-05	4.83E-01	9.53E-01	1.84E-03	0.00E+00	6.21E-03	8.75E-03	6.21E-03	7.85E-03	1.64E-03	0.00E+00	0.00E+00	0.00E+00	1.88E-01
HWY144HSA	1.44E-00	2.61E-02	4.81E-01	2.61E-02	0.00E+00	0.00E+00	4.83E-02	6.88E-04	1.63E-01	2.62E-00	0.00E+00	1.14E-01	3.28E-00	1.17E-07	2.00E-02	7.26E+00	0.00E+00	0.00E+00	4.70E-01	4.42E-01	6.59E-03	0.00E+00	1.27E-08	1.08E-05	5.13E-01	1.02E-02	1.75E-03	0.00E+00	9.24E-03	6.59E-03	4.44E-03	9.24E-03	1.75E-02	0.00E+00	0.00E+00	0.00E+00	2.00E-01
HWY145HSA	1.44E-00	2.61E-02	4.81E-01	2.61E-02	0.00E+00	0.00E+00	4.83E-02	6.88E-04	1.63E-01	2.62E-00	0.00E+00	1.14E-01	3.28E-00	1.17E-07	2.00E-02	7.26E+00	0.00E+00	0.00E+00	4.70E-01	4.42E-01	6.59E-03	0.00E+00	1.27E-08	1.08E-05	5.13E-01	1.02E-02	1.75E-03	0.00E+00	9.24E-03	6.59E-03	4.44E-03	9.24E-03	1.75E-02	0.00E+00	0.00E+00	0.00E+00	2.00E-01
HWY150HSA	1.04E-00	1.98E-02	3.48E-01	1.99E-02	0.00E+00	0.00E+00	3.57E-02	4.97E-04	1.18E-01	1.89E-00	0.00E+00	8.28E-00	2.38E-00	5.68E-07	2.72E-02	5.23E+00	0.00E+00	0.00E+00	3.40E-01	3.38E-01	4.77E-03	0.00E+00	9.54E-07	7.79E-08	3.71E-01	7.32E-03	1.26E-03	0.00E+00	4.77E-03	6.58E-05	4.77E-03	6.03E-03	1.26E-02	0.00E+00	0.00E+00	0.00E+00	1.65E-01
HWY151HSA	1.04E-00	1.98E-02	3.48E-01	1.99E-02	0.00E+00	0.00E+00	3.57E-02	4.97E-04	1.18E-01	1.89E-00	0.00E+00	8.28E-00	2.38E-00	5.68E-07	2.72E-02	5.23E+00	0.00E+00	0.00E+00	3.40E-01	3.38E-01	4.77E-03	0.00E+00	9.54E-07	7.79E-08	3.71E-01	7.32E-03	1.26E-03	0.00E+00	4.77E-03	6.58E-05	4.77E-03	6.03E-03	1.26E-02	0.00E+00	0.00E+00	0.00E+00	1.65E-01
HWY162H	6.86E-01	1.31E-02	2.80E-00	1.29E-02	0.00E+00	0.00E+00	1.97E-02	3.32E-04	0.92E-01	1.29E-00	0.00E+00	3.63E-00	1.63E-00	3.90E-07	1.72E-02	3.46E+00	0.00E+00	0.00E+00	2.33E-01	1.98E-01	3.12E-03	0.00E+00	5.62E-07	5.39E-05	2.55E-01	4.67E-03	7.38E-03	0.00E+00	3.25E-03	4.26E-05	3.12E-03	3.89E-03	7.38E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-00
HWY162HSA	6.86E-01	1.31E-02	2.80E-00	1.29E-02	0.00E+00	0.00E+00	1.97E-02	3.32E-04	0.92E-01	1.29E-00	0.00E+00	3.63E-00	1.63E-00	3.90E-07	1.72E-02	3.46E+00	0.00E+00	0.00E+00	2.33E-01	1.98E-01	3.12E-03	0.00E+00	5.62E-07	5.39E-05	2.55E-01	4.67E-03	7.38E-03	0.00E+00	3.25E-03	4.26E-05	3.12E-03	3.89E-03	7.38E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-00
HWY163H	6.86E-01	1.31E-02	2.80E-00	1.29E-02	0.00E+00	0.00E+00	1.97E-02	3.32E-04	0.92E-01	1.29E-00	0.00E+00	3.63E-00	1.63E-00	3.90E-07	1.72E-02	3.46E+00	0.00E+00	0.00E+00	2.33E-01	1.98E-01	3.12E-03	0.00E+00	5.62E-07	5.39E-05	2.55E-01	4.67E-03	7.38E-03	0.00E+00	3.25E-03	4.26E-05	3.12E-03	3.89E-03	7.38E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-00
HWY163HSA	6.86E-01	1.31E-02	2.80E-00	1.29E-02	0.00E+00	0.00E+00	1.97E-02	3.32E-04	0.92E-01	1.29E-00	0.00E+00	3.63E-00	1.63E-00	3.90E-07	1.72E-02	3.46E+00	0.00E+00	0.00E+00	2.33E-01	1.98E-01	3.12E-03	0.00E+00	5.62E-07	5.39E-05	2.55E-01	4.67E-03	7.38E-03	0.00E+00	3.25E-03	4.26E-05	3.12E-03	3.89E-03	7.38E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-00
HWJ1E304ZB	3.27E-01	6.39E-03	1.18E-01	6.38E-03	0.00E+00	0.00E+00	1.21E-02	3.66E-04	3.99E-02	6.41E-01	0.00E+00	2.80E-00	8.04E-00	1.92E-07	9.19E-01	1.77E+00	0.00E+00	0.00E+00	1.15E-01	1.08E-01	1.61E-03	0.00E+00	3.30E-07	2.64E-01	1.26E-01	2.48E-01	4.27E-03	0.00E+00	1.61E-03	2.26E-01	1.61E-03	2.04E-03	4.27E-02	0.00E+00	0.00E+00	0.00E+00	4.90E-00
HWJ1E306ZB	7.12E-01	1.39E-02	2.56E-01	1.39E-02	0.00E+00	0.00E+00	2.62E-02	3.86E-04	6.87E-02	1.39E-00	0.00E+00	6.09E-00	1.75E-00	4.17E-07	2.09E-02	3.85E+00	0.00E+00	0.00E+00	2.50E-01	2.35E-01	3.51E-03	0.00E+00	6.75E-07	5.73E-08	2.75E-01	5.58E-03	9.28E-02	0.00E+00	3.51E-03	4.92E-03	3.51E-03	4.44E-03	9.28E-02	0.00E+00	0.00E+00	0.00E+00	1.09E-01
HWJ1E308ZB	1.14E-00	2.22E-02	4.08E-01	2.22E-02	0.00E+00	0.00E+00	4.20E-02	5.85E-04	1.19E-01	2.23E-00	0.00E+00	9.74E-00	2.80E-00	6.88E-07	3.20E-02	5.15E+00	0.00E+00	0.00E+00	4.00E-01	3.75E-01	5.61E-03	0.00E+00	1.08E-08	9.17E-08	4.37E-01	8.61E-03	1.49E-03	0.00E+00	5.61E-03	7.88E-03	5.61E-03	7.15E-03	1.49E-03	0.00E+00	0.00E+00	0.00E+00	1.70E-01
HWJ1E310ZB	1.97E-00	3.84E-02	7.07E-01	3.84E-02	0.00E+00	0.00E+00	7.28E-02	1.01E-03	2.40E-01	3.89E-00	0.00E+00	1.68E-01	4.83E-00	1.15E-08	5.53E-03	1.06E+00	0.00E+00	0.00E+00	6.62E-01	6.48E-01	9.70E-03	0.00E+00	1.86E-08	1.59E-05	7.55E-01	1.49E-02	2.57E-03	0.00E+00	9.70E-03	1.36E-04	9.70E-03	1.23E-04	2.57E-03	0.00E+00	0.00E+00	0.00E+00	2.84E-01
HWJ1E312ZB	3.23E-00	6.30E-02	1.18E-00	6.29E-02	0.00E+00	0.00E+00	1.19E-03	1.68E-03	3.93E-01	6.32E-00	0.00E+00	2.76E-01	7.92E-00	1.89E-08	9.05E-02	1.74E+00	0.00E+00	0.00E+00	1.13E-00	1.06E-02	1.59E-04	0.00E+00	3.05E-08	2.60E-05	1.24E-00	2.44E-02	4.21E-03	0.00E+00	1.59E-04	2.23E-04	1.59E-04	2.01E-04	4.21E-03	0.00E+00	0.00E+00	0.00E+00	4.83E-01
HWJ1E316ZB	5.11E-00	9.97E-03	1.83E-00	9.95E-03	0.00E+00	0.00E+00	1.88E-03	2.62E-03	6.22E-01	9.95E-00	0.00E+00	4.37E-01	1.25E-07	2.99E-08	1.43E-03	2.76E+00	0.00E+00	0.00E+00	1.79E-00	1.68E-02	2.52E-04	0.00E+00	4.82E-08	4.11E-05	1.96E-00	3.86E-02	6.68E-03	0.00E+00	5.61E-03	5.53E-04	2.52E-04	3.18E-04	6.68E-03	0.00E+00	0.00E+00	0.00E+00	7.83E-01
HWJ1M304ZB	3.27E-01	6.39E-03	1.18E-01	6.38E-03	0.00E+00	0.00E+00	1.21E-02	3.66E-04	3.99E-02	6.41E-01	0.00E+00	2.80E-00	8.04E-00	1.92E-07	9.19E-01	1.77E+00	0.00E+00	0.00E+00	1.15E-01	1.08E-01	1.61E-03	0.00E+00	3.30E-07	2.64E-01	1.26E-01	2.48E-01	4.27E-03	0.00E+00	1.61E-03	2.26E-01	1.61E-03	2.04E-03	4.27E-02	0.00E+00	0.00E+00	0.00E+00	4.90E-00
HWJ1M306ZB	7.12E-01	1.39E-02	2.56E-01	1.39E-02	0.00E+00	0.00E+00	2.62E-02	3.86E-04	6.87E-02	1.39E-00	0.00E+00	6.09E-00	1.75E-00	4.17E-07	2.09E-02	3.85E+00	0.00E+00	0.00E+00	2.50E-01	2.35E-01	3.51E-03	0.00E+00	6.75E-07	5.73E-08	2.75E-01	5.58E-03	9.28E-02	0.00E+00	3.51E-03								

HW1M410ZE	2.31E+01	4.43E+02	8.74E+03	4.33E+02	0.00E+00	0.00E+00	1.00E+02	1.00E+03	2.70E+01	1.08E+03	2.70E+01	4.33E+02	0.00E+00	0.00E+00	1.22E+01	5.45E+00	1.29E+06	5.77E+02	1.17E+01	0.00E+00	0.00E+00	7.81E+01	6.64E+01	1.09E+04	0.00E+00	1.89E+06	1.81E+03	8.56E+01	1.57E+02	2.48E+03	0.00E+00	1.00E+04	1.43E+04	1.00E+04	1.30E+04	2.48E+03	0.00E+00	0.00E+00	0.00E+00	3.34E+01
HW1M412ZE	3.78E+00	7.22E+02	1.80E+01	7.08E+02	0.00E+00	0.00E+00	1.00E+03	1.73E+03	4.42E+01	7.09E+00	0.00E+00	1.99E+01	8.93E+00	2.12E+08	8.45E+02	1.92E+01	0.00E+00	0.00E+00	1.28E+00	1.00E+02	1.73E+04	0.00E+00	3.00E+08	2.99E+05	1.40E+03	2.57E+02	4.00E+03	0.00E+00	1.73E+04	2.34E+04	1.73E+04	2.14E+04	4.00E+03	0.00E+00	0.00E+00	0.00E+00	5.48E+01			
HW1M416ZE	5.98E+00	1.14E+03	5.52E+01	1.12E+03	0.00E+00	0.00E+00	1.73E+03	2.74E+03	7.00E+01	1.12E+03	0.00E+00	3.16E+01	1.43E+07	3.35E+06	1.50E+03	3.03E+01	0.00E+00	0.00E+00	2.02E+00	1.72E+02	2.74E+04	0.00E+00	4.90E+08	4.88E+05	2.22E+03	4.00E+02	6.62E+03	0.00E+00	2.74E+04	3.71E+04	2.74E+04	3.38E+04	6.12E+03	0.00E+00	0.00E+00	0.00E+00	8.66E+01			
HW1N404ZE	3.94E+01	7.33E+03	1.62E+03	7.37E+01	0.00E+00	0.00E+00	1.50E+02	1.78E+04	4.49E+02	7.30E+01	0.00E+00	2.02E+00	9.07E+09	2.13E+07	9.58E+01	1.94E+00	0.00E+00	0.00E+00	1.30E+01	1.30E+01	3.78E+03	0.00E+00	3.14E+07	3.00E+04	1.42E+01	2.80E+01	4.92E+03	0.00E+00	1.78E+03	2.38E+03	1.78E+03	2.17E+03	4.12E+03	0.00E+00	0.00E+00	0.00E+00	5.58E+00			
HW1N406ZE	8.34E+01	1.50E+03	3.52E+03	1.58E+02	0.00E+00	0.00E+00	2.38E+03	3.82E+04	8.70E+03	1.58E+00	0.00E+00	4.40E+00	1.97E+09	4.67E+07	3.98E+02	4.22E+00	0.00E+00	0.00E+00	2.82E+01	2.46E+01	9.12E+03	0.00E+00	6.82E+07	6.53E+05	3.06E+01	5.88E+03	8.50E+03	0.00E+00	3.82E+03	5.17E+03	8.72E+03	4.72E+03	8.93E+03	0.00E+00	0.00E+00	0.00E+00	1.21E+03			
HW1N408ZE	1.33E+00	2.59E+03	1.50E+00	2.49E+02	0.00E+00	0.00E+00	3.00E+00	6.13E+04	1.56E+01	2.50E+00	0.00E+00	7.04E+03	3.59E+06	7.47E+07	2.94E+02	1.78E+00	0.00E+00	0.00E+00	4.50E+01	4.22E+01	6.31E+03	0.00E+00	1.00E+08	1.04E+05	4.89E+01	6.88E+03	1.40E+03	0.00E+00	6.11E+03	8.27E+03	8.11E+03	7.59E+03	1.47E+03	0.00E+00	0.00E+00	0.00E+00	1.93E+01			
HW1N410ZE	2.31E+00	4.43E+02	8.74E+03	4.33E+02	0.00E+00	0.00E+00	6.61E+03	1.08E+03	2.70E+01	4.33E+00	0.00E+00	1.22E+01	5.45E+00	1.29E+06	5.77E+02	1.17E+01	0.00E+00	0.00E+00	7.81E+01	6.64E+01	1.09E+04	0.00E+00	1.89E+06	1.81E+03	8.56E+01	1.57E+02	2.48E+03	0.00E+00	1.00E+04	1.43E+04	1.00E+04	1.30E+04	2.48E+03	0.00E+00	0.00E+00	0.00E+00	3.34E+01			
HW1N412ZE	3.78E+00	7.22E+02	1.80E+01	7.08E+02	0.00E+00	0.00E+00	1.00E+03	1.73E+03	4.42E+01	7.09E+00	0.00E+00	1.99E+01	8.93E+00	2.12E+08	8.45E+02	1.92E+01	0.00E+00	0.00E+00	1.28E+00	1.00E+02	1.73E+04	0.00E+00	3.00E+08	2.99E+05	1.40E+03	2.57E+02	4.00E+03	0.00E+00	1.73E+04	2.34E+04	1.73E+04	2.14E+04	4.00E+03	0.00E+00	0.00E+00	0.00E+00	5.48E+01			
HW1N416ZE	5.98E+00	1.14E+03	5.52E+01	1.12E+03	0.00E+00	0.00E+00	1.73E+03	2.74E+03	7.00E+01	1.12E+03	0.00E+00	3.16E+01	1.43E+07	3.35E+06	1.50E+03	3.03E+01	0.00E+00	0.00E+00	2.02E+00	1.72E+02	2.74E+04	0.00E+00	4.90E+08	4.88E+05	2.22E+03	4.00E+02	6.62E+03	0.00E+00	2.74E+04	3.71E+04	2.74E+04	3.38E+04	6.12E+03	0.00E+00	0.00E+00	0.00E+00	8.66E+01			
HW1W404ZS	2.72E+01	5.30E+01	1.30E+03	5.00E+01	0.00E+00	0.00E+00	7.00E+01	1.24E+03	1.01E+01	5.11E+01	0.00E+00	1.44E+00	6.14E+09	7.51E+07	3.80E+02	3.38E+00	0.00E+00	0.00E+00	9.22E+00	7.78E+02	1.25E+03	0.00E+00	2.12E+07	1.83E+05	8.10E+01	1.88E+02	8.62E+03	0.00E+00	1.25E+03	1.88E+05	1.25E+03	1.54E+03	2.93E+03	0.00E+00	0.00E+00	0.00E+00	3.69E+00			
HW1W406ZS	7.28E+01	1.38E+03	3.05E+03	1.35E+02	0.00E+00	0.00E+00	2.07E+02	3.31E+04	8.46E+02	1.35E+00	0.00E+00	3.81E+00	1.71E+08	4.05E+07	1.81E+02	3.66E+00	0.00E+00	0.00E+00	2.45E+01	2.08E+01	9.31E+03	0.00E+00	5.92E+07	5.69E+05	2.68E+01	6.91E+03	7.75E+02	0.00E+00	3.31E+03	4.48E+05	3.31E+03	4.09E+03	7.75E+02	0.00E+00	0.00E+00	0.00E+00	1.05E+01			
HW1W408ZS	1.22E+00	2.34E+02	5.16E+03	2.29E+02	0.00E+00	0.00E+00	3.50E+02	5.80E+04	1.43E+01	2.30E+00	0.00E+00	6.45E+00	2.89E+08	6.85E+07	3.06E+02	3.20E+00	0.00E+00	0.00E+00	1.44E+01	1.52E+01	5.90E+03	0.00E+00	1.00E+08	9.58E+04	1.54E+01	8.30E+03	1.31E+03	0.00E+00	5.90E+03	7.58E+05	5.90E+03	6.92E+03	1.31E+03	0.00E+00	0.00E+00	0.00E+00	1.77E+01			
HW1W410ZS	2.30E+00	4.43E+02	8.72E+03	4.32E+02	0.00E+00	0.00E+00	6.29E+02	1.07E+03	2.57E+01	4.32E+00	0.00E+00	1.16E+03	5.19E+00	1.22E+08	5.88E+02	1.13E+01	0.00E+00	0.00E+00	7.34E+01	6.88E+01	1.03E+04	0.00E+00	1.98E+08	1.88E+05	8.01E+01	1.58E+02	2.72E+03	0.00E+00	1.03E+04	1.44E+04	1.03E+04	1.30E+04	2.72E+03	0.00E+00	0.00E+00	0.00E+00	3.12E+01			
HW2S312ZE	3.67E+00	7.02E+02	1.85E+01	6.89E+02	0.00E+00	0.00E+00	1.02E+03	1.68E+03	4.02E+01	6.89E+00	0.00E+00	1.94E+01	8.67E+09	2.05E+08	9.47E+02	1.86E+00	0.00E+00	0.00E+00	1.24E+00	1.00E+02	1.68E+04	0.00E+00	3.00E+08	2.97E+05	1.30E+01	2.49E+02	4.30E+03	0.00E+00	1.68E+04	2.25E+04	1.68E+04	2.08E+04	3.94E+03	0.00E+00	0.00E+00	0.00E+00	5.31E+01			
HW1W416ZS	5.87E+00	1.12E+03	5.45E+01	1.10E+03	0.00E+00	0.00E+00	1.68E+03	2.68E+03	6.87E+01	1.10E+03	0.00E+00	3.10E+01	1.36E+07	3.39E+06	1.47E+03	2.97E+01	0.00E+00	0.00E+00	1.00E+00	1.00E+00	2.69E+04	0.00E+00	4.80E+08	4.80E+05	2.18E+03	4.00E+02	6.36E+03	0.00E+00	2.69E+04	3.64E+04	2.69E+04	3.24E+04	6.36E+03	0.00E+00	0.00E+00	0.00E+00	8.50E+01			
HW2E306ZB	3.80E+01	7.41E+03	1.36E+01	7.49E+01	0.00E+00	0.00E+00	1.40E+02	1.95E+04	4.82E+02	7.42E+01	0.00E+00	3.25E+00	9.32E+09	2.23E+07	1.07E+02	2.05E+00	0.00E+00	0.00E+00	1.33E+01	1.25E+01	1.87E+03	0.00E+00	3.59E+07	3.09E+05	1.46E+01	2.87E+03	4.95E+02	0.00E+00	1.87E+03	2.82E+03	1.87E+03	2.37E+03	4.95E+02	0.00E+00	0.00E+00	0.00E+00	5.69E+00			
HW2E308ZB	5.76E+01	1.13E+02	2.05E+01	1.11E+02	0.00E+00	0.00E+00	2.10E+02	2.93E+04	8.94E+02	1.11E+02	0.00E+00	4.87E+00	1.40E+09	3.34E+07	1.80E+02	3.08E+00	0.00E+00	0.00E+00	2.00E+01	1.88E+01	2.81E+03	0.00E+00	5.39E+07	4.58E+04	1.18E+01	4.31E+03	7.40E+02	0.00E+00	2.81E+03	3.93E+05	2.81E+03	3.55E+03	7.40E+02	0.00E+00	0.00E+00	0.00E+00	8.51E+00			
HW2E310ZB	8.31E+01	1.62E+02	2.88E+01	1.62E+02	0.00E+00	0.00E+00	3.08E+02	4.27E+04	1.01E+01	1.63E+00	0.00E+00	7.11E+00	2.04E+09	4.87E+07	2.33E+02	4.49E+00	0.00E+00	0.00E+00	2.82E+01	2.74E+01	4.09E+03	0.00E+00	7.88E+07	6.69E+04	1.18E+01	6.38E+03	1.08E+03	0.00E+00	4.09E+03	5.73E+05	4.09E+03	5.17E+03	1.08E+03	0.00E+00	0.00E+00	0.00E+00	1.24E+01			
HW2E312ZB	1.28E+00	2.30E+02	5.16E+03	2.29E+02	0.00E+00	0.00E+00	3.50E+02	5.80E+04	1.43E+01	2.30E+00	0.00E+00	6.45E+00	2.89E+08	6.85E+07	3.06E+02	3.20E+00	0.00E+00	0.00E+00	1.44E+01	1.52E+01	5.90E+03	0.00E+00	1.00E+08	9.58E+04	1.54E+01	8.30E+03	1.31E+03	0.00E+00	5.90E+03	7.58E+05	5.90E+03	6.92E+03	1.31E+03	0.00E+00	0.00E+00	0.00E+00	1.77E+01			
HW2E316ZB	2.08E+00	4.08E+02	7.50E+03	4.07E+02	0.00E+00	0.00E+00	7.70E+02	1.07E+03	2.54E+01	4.09E+00	0.00E+00	1.79E+01	5.12E+08	1.22E+08	5.88E+02	1.13E+01	0.00E+00	0.00E+00	7.34E+01	6.88E+01	1.03E+04	0.00E+00	1.98E+08	1.88E+05	8.01E+01	1.58E+02	2.72E+03	0.00E+00	1.03E+04	1.44E+04	1.03E+04	1.30E+04	2.72E+03	0.00E+00	0.00E+00	0.00E+00	3.12E+01			
HW2E320ZB	3.30E+00	6.44E+02	1.18E+03	6.43E+02	0.00E+00	0.00E+00	1.22E+03	1.89E+03	4.02E+01	6.45E+00	0.00E+00	2.82E+01	8.09E+08	1.93E+08	9.25E+02	1.78E+01	0.00E+00	0.00E+00	1.18E+00	1.00E+02	1.83E+04	0.00E+00	3.12E+08	2.68E+05	1.28E+01	2.49E+02	4.30E+03	0.00E+00	1.83E+04	2.38E+04	1.83E+04	2.08E+04	4.30E+03	0.00E+00	0.00E+00	0.00E+00	4.93E+01			
HW2E325ZB	5.20E+00	1.03E+03	1.87E+03	1.03E+03	0.00E+00	0.00E+00	1.92E+03	2.67E+03	6.33E+01	1.02E+03	0.00E+00	4.45E+01	1.28E+07	3.05E+08	1.46E+03	2.81E+01	0.00E+00	0.00E+00	1.83E+00	1.71E+02	2.58E+04	0.00E+00	4.92E+08	4.18E+05	1.99E+01	3.02E+02	6.78E+03	0.00E+00	2.58E+04	3.59E+04	2.58E+04	3.24E+04	6.78E+03	0.00E+00	0.00E+00	0.00E+00	7.77E+01			
HW2M306ZB	3.80E+01	7.41E+03	1.36E+01	7.49E+01	0.00E+00	0.00E+00	1.40E+02	1.95E+04	4.82E+02	7.42E+01	0.00E+00	3.25E+00	9.32E+09	2.23E+07	1.07E+02	2.05E+00	0.00E+00	0.00E+00	1.33E+01	1.25E+01	1.87E+03	0.00E+00	3.59E+07	3.09E+05	1.46E+01	2.87E+03	4.95E+02	0.00E+00	1.87E+03	2.82E+03	1.87E+03	2.37E+03	4.95E+02	0.00E+00	0.00E+00	0.00E+00	5.69E+00			
HW2M308ZB	5.76E+01	1.13E+02	2.05E+01	1.11E+02	0.00E+00	0.00E+00	2.10E+02	2.93E+04	8.94E+02	1.11E+02	0.00E+00	4.87E+00	1.40E+09	3.34E+07	1.80E+02	3.08E+00	0.00E+00	0.00E+00	2.00E+01	1.88E+01	2.81E+03	0.00E+00	5.39E+07	4.58E+04	1.18E+01	4.31E+03	7.40E+02	0.00E+00	2.81E+03	3.93E+05	2.81E+03	3.55E+03	7.40E+02	0.00E+00	0.00E+00	0.00E+00	8.51E+00			
HW2M310ZB	8.31E+01	1.62E+02	2.88E+01	1.62E+02	0.00E+00	0.00E+00	3.08E+02	4.27E+04	1.01E+01	1.63E+00	0.00E+00	7.11E+00	2.04E+09	4.87E+07	2.33E+02	4.49E+00	0.00E+00	0.00E+00	2.82E+01	2.74E+01	4.09E+03	0.00E+00	7.88E+07	6.69E+04	1.18E+01	6.38E+03														

	HW2E408ZE	5.70E+01	1.13E+02	2.05E+01	1.13E+02	0.00E+00	0.00E+00	2.00E+02	2.93E+04	6.94E+02	1.13E+02	0.00E+00	4.87E+00	1.40E+08	3.34E+07	1.80E+02	3.08E+00	0.00E+00	0.00E+00	2.00E+02	1.88E+01	2.81E+02	0.00E+00	5.39E+07	4.58E+04	2.18E+01	4.31E+02	7.43E+02	0.00E+00	2.81E+02	3.93E+08	2.81E+02	3.55E+02	7.43E+02	0.00E+00	0.00E+00	0.00E+00	8.51E+02
	HW2E410ZE	8.31E+01	1.62E+02	2.88E+01	1.62E+02	0.00E+00	0.00E+00	3.00E+02	4.27E+04	1.01E+03	1.62E+02	0.00E+00	7.11E+00	2.04E+08	4.87E+07	2.33E+02	4.49E+00	0.00E+00	0.00E+00	2.82E+01	2.74E+02	4.09E+02	0.00E+00	7.88E+07	6.69E+04	3.18E+01	6.28E+02	1.08E+03	0.00E+00	4.09E+02	5.73E+08	4.09E+02	5.17E+02	1.08E+03	0.00E+00	0.00E+00	0.00E+00	1.24E+03
	HW2E412ZE	1.28E+02	2.50E+02	4.40E+01	2.50E+02	0.00E+00	0.00E+00	4.75E+02	6.58E+04	1.56E+03	2.50E+02	0.00E+00	1.10E+01	3.14E+08	7.51E+07	3.60E+02	8.62E+00	0.00E+00	0.00E+00	4.50E+01	4.22E+02	6.13E+02	0.00E+00	1.21E+08	1.03E+05	8.41E+01	8.66E+02	1.87E+03	0.00E+00	6.13E+02	8.89E+08	6.13E+02	7.98E+02	1.87E+03	0.00E+00	0.00E+00	0.00E+00	1.92E+03
	HW2E416ZE	2.00E+02	4.08E+02	7.50E+01	4.07E+02	0.00E+00	0.00E+00	7.70E+02	1.07E+05	2.54E+03	4.08E+02	0.00E+00	1.79E+01	5.12E+08	1.22E+08	5.89E+02	1.13E+01	0.00E+00	0.00E+00	7.34E+01	8.88E+02	1.03E+04	0.00E+00	1.98E+08	1.68E+05	8.01E+01	1.58E+02	2.72E+03	0.00E+00	1.03E+04	1.44E+04	1.03E+04	1.30E+04	2.72E+03	0.00E+00	0.00E+00	0.00E+00	3.12E+03
	HW2E420ZE	3.30E+02	6.44E+02	1.18E+02	6.43E+02	0.00E+00	0.00E+00	1.22E+03	1.68E+05	4.02E+03	6.44E+02	0.00E+00	2.82E+01	8.08E+08	1.93E+09	9.44E+02	1.70E+01	0.00E+00	0.00E+00	1.18E+02	1.08E+02	1.32E+04	0.00E+00	3.12E+08	2.68E+05	1.26E+02	2.45E+02	4.30E+03	0.00E+00	1.63E+04	2.28E+04	2.38E+04	2.08E+04	4.30E+03	0.00E+00	0.00E+00	0.00E+00	4.93E+03
	HW2E425ZE	5.20E+02	1.01E+03	1.87E+02	1.01E+03	0.00E+00	0.00E+00	1.90E+03	2.67E+05	6.33E+03	1.01E+03	0.00E+00	4.45E+01	1.28E+09	3.05E+09	1.49E+03	2.81E+01	0.00E+00	0.00E+00	1.88E+02	1.18E+02	1.58E+04	0.00E+00	4.93E+08	4.18E+05	1.96E+02	3.69E+02	6.78E+03	0.00E+00	5.95E+04	3.98E+04	2.96E+04	3.24E+04	6.78E+03	0.00E+00	0.00E+00	0.00E+00	7.77E+03
	HW2M406ZE	3.80E+01	7.41E+01	1.36E+01	7.40E+01	0.00E+00	0.00E+00	1.40E+01	1.95E+04	4.63E+02	7.40E+01	0.00E+00	3.26E+00	9.32E+06	2.23E+07	1.07E+02	2.05E+00	0.00E+00	0.00E+00	1.33E+01	1.25E+01	1.87E+02	0.00E+00	3.58E+07	3.09E+04	1.46E+01	2.87E+01	4.95E+02	0.00E+00	1.87E+01	2.62E+02	1.87E+02	2.37E+01	4.95E+02	0.00E+00	0.00E+00	0.00E+00	5.88E+00
	HW2M408ZE	5.70E+01	1.13E+02	2.05E+01	1.13E+02	0.00E+00	0.00E+00	2.00E+02	2.93E+04	6.94E+02	1.13E+02	0.00E+00	4.87E+00	1.40E+08	3.34E+07	1.80E+02	3.08E+00	0.00E+00	0.00E+00	2.00E+02	1.88E+01	2.81E+02	0.00E+00	5.39E+07	4.58E+04	2.18E+01	4.31E+02	7.43E+02	0.00E+00	2.81E+02	3.93E+08	2.81E+02	3.55E+02	7.43E+02	0.00E+00	0.00E+00	0.00E+00	8.51E+02
	HW2M410ZE	8.31E+01	1.62E+02	2.88E+01	1.62E+02	0.00E+00	0.00E+00	3.00E+02	4.27E+04	1.01E+03	1.62E+02	0.00E+00	7.11E+00	2.04E+08	4.87E+07	2.33E+02	4.49E+00	0.00E+00	0.00E+00	2.82E+01	2.74E+02	4.09E+02	0.00E+00	7.88E+07	6.69E+04	3.18E+01	6.28E+02	1.08E+03	0.00E+00	4.09E+02	5.73E+08	4.09E+02	5.17E+02	1.08E+03	0.00E+00	0.00E+00	0.00E+00	1.24E+03
	HW2M412ZE	1.28E+02	2.50E+02	4.40E+01	2.50E+02	0.00E+00	0.00E+00	4.75E+02	6.58E+04	1.56E+03	2.50E+02	0.00E+00	1.10E+01	3.14E+08	7.51E+07	3.60E+02	8.62E+00	0.00E+00	0.00E+00	4.50E+01	4.22E+02	6.13E+02	0.00E+00	1.21E+08	1.03E+05	8.41E+01	8.66E+02	1.87E+03	0.00E+00	6.13E+02	8.89E+08	6.13E+02	7.98E+02	1.87E+03	0.00E+00	0.00E+00	0.00E+00	1.92E+03
	HW2M416ZE	2.00E+02	4.08E+02	7.50E+01	4.07E+02	0.00E+00	0.00E+00	7.70E+02	1.07E+05	2.54E+03	4.08E+02	0.00E+00	1.79E+01	5.12E+08	1.22E+08	5.89E+02	1.13E+01	0.00E+00	0.00E+00	7.34E+01	8.88E+02	1.03E+04	0.00E+00	1.98E+08	1.68E+05	8.01E+01	1.58E+02	2.72E+03	0.00E+00	1.03E+04	1.44E+04	1.03E+04	1.30E+04	2.72E+03	0.00E+00	0.00E+00	0.00E+00	3.12E+03
	HW2M420ZE	3.30E+02	6.44E+02	1.18E+02	6.43E+02	0.00E+00	0.00E+00	1.22E+03	1.68E+05	4.02E+03	6.44E+02	0.00E+00	2.82E+01	8.08E+08	1.93E+09	9.44E+02	1.70E+01	0.00E+00	0.00E+00	1.18E+02	1.08E+02	1.32E+04	0.00E+00	3.12E+08	2.68E+05	1.26E+02	2.45E+02	4.30E+03	0.00E+00	1.63E+04	2.28E+04	1.63E+04	2.08E+04	4.30E+03	0.00E+00	0.00E+00	0.00E+00	4.93E+03
	HW2M425ZE	5.20E+02	1.01E+03	1.87E+02	1.01E+03	0.00E+00	0.00E+00	1.90E+03	2.67E+05	6.33E+03	1.01E+03	0.00E+00	4.45E+01	1.28E+09	3.05E+09	1.49E+03	2.81E+01	0.00E+00	0.00E+00	1.88E+02	1.18E+02	1.58E+04	0.00E+00	4.93E+08	4.18E+05	1.96E+02	3.69E+02	6.78E+03	0.00E+00	5.95E+04	3.98E+04	2.96E+04	3.24E+04	6.78E+03	0.00E+00	0.00E+00	0.00E+00	7.77E+03
	HW2S406ZE	3.80E+01	7.41E+01	1.36E+01	7.40E+01	0.00E+00	0.00E+00	1.40E+01	1.95E+04	4.63E+02	7.40E+01	0.00E+00	3.26E+00	9.32E+06	2.23E+07	1.07E+02	2.05E+00	0.00E+00	0.00E+00	1.33E+01	1.25E+01	1.87E+02	0.00E+00	3.58E+07	3.09E+04	1.46E+01	2.87E+01	4.95E+02	0.00E+00	1.87E+01	2.62E+02	1.87E+02	2.37E+01	4.95E+02	0.00E+00	0.00E+00	0.00E+00	5.88E+00
	HW2S408ZE	5.70E+01	1.13E+02	2.05E+01	1.13E+02	0.00E+00	0.00E+00	2.00E+02	2.93E+04	6.94E+02	1.13E+02	0.00E+00	4.87E+00	1.40E+08	3.34E+07	1.80E+02	3.08E+00	0.00E+00	0.00E+00	2.00E+02	1.88E+01	2.81E+02	0.00E+00	5.39E+07	4.58E+04	2.18E+01	4.31E+02	7.43E+02	0.00E+00	2.81E+02	3.93E+08	2.81E+02	3.55E+02	7.43E+02	0.00E+00	0.00E+00	0.00E+00	8.51E+02
	HW2S410ZE	8.31E+01	1.62E+02	2.88E+01	1.62E+02	0.00E+00	0.00E+00	3.00E+02	4.27E+04	1.01E+03	1.62E+02	0.00E+00	7.11E+00	2.04E+08	4.87E+07	2.33E+02	4.49E+00	0.00E+00	0.00E+00	2.82E+01	2.74E+02	4.09E+02	0.00E+00	7.88E+07	6.69E+04	3.18E+01	6.28E+02	1.08E+03	0.00E+00	4.09E+02	5.73E+08	4.09E+02	5.17E+02	1.08E+03	0.00E+00	0.00E+00	0.00E+00	1.24E+03
	HW2S412ZE	1.28E+02	2.50E+02	4.40E+01	2.50E+02	0.00E+00	0.00E+00	4.75E+02	6.58E+04	1.56E+03	2.50E+02	0.00E+00	1.10E+01	3.14E+08	7.51E+07	3.60E+02	8.62E+00	0.00E+00	0.00E+00	4.50E+01	4.22E+02	6.13E+02	0.00E+00	1.21E+08	1.03E+05	8.41E+01	8.66E+02	1.87E+03	0.00E+00	6.13E+02	8.89E+08	6.13E+02	7.98E+02	1.87E+03	0.00E+00	0.00E+00	0.00E+00	1.92E+03
	HW2S416ZE	2.00E+02	4.08E+02	7.50E+01	4.07E+02	0.00E+00	0.00E+00	7.70E+02	1.07E+05	2.54E+03	4.08E+02	0.00E+00	1.79E+01	5.12E+08	1.22E+08	5.89E+02	1.13E+01	0.00E+00	0.00E+00	7.34E+01	8.88E+02	1.03E+04	0.00E+00	1.98E+08	1.68E+05	8.01E+01	1.58E+02	2.72E+03	0.00E+00	1.03E+04	1.44E+04	1.03E+04	1.30E+04	2.72E+03	0.00E+00	0.00E+00	0.00E+00	3.12E+03
	HW2S420ZE	3.30E+02	6.44E+02	1.18E+02	6.43E+02	0.00E+00	0.00E+00	1.22E+03	1.68E+05	4.02E+03	6.44E+02	0.00E+00	2.82E+01	8.08E+08	1.93E+09	9.44E+02	1.70E+01	0.00E+00	0.00E+00	1.18E+02	1.08E+02	1.32E+04	0.00E+00	3.12E+08	2.68E+05	1.26E+02	2.45E+02	4.30E+03	0.00E+00	1.63E+04	2.28E+04	1.63E+04	2.08E+04	4.30E+03	0.00E+00	0.00E+00	0.00E+00	4.93E+03
	HW2S425ZE	5.20E+02	1.01E+03	1.87E+02	1.01E+03	0.00E+00	0.00E+00	1.90E+03	2.67E+05	6.33E+03	1.01E+03	0.00E+00	4.45E+01	1.28E+09	3.05E+09	1.49E+03	2.81E+01	0.00E+00	0.00E+00	1.88E+02	1.18E+02	1.58E+04	0.00E+00	4.93E+08	4.18E+05	1.96E+02	3.69E+02	6.78E+03	0.00E+00	5.95E+04	3.98E+04	2.96E+04	3.24E+04	6.78E+03	0.00E+00	0.00E+00	0.00E+00	7.77E+03
	HW2W406ZS	2.80E+01	5.58E+01	1.02E+01	5.55E+01	0.00E+00	0.00E+00	1.05E+02	1.46E+04	3.47E+02	5.55E+01	0.00E+00	2.44E+00	6.99E+06	1.67E+07	7.99E+01	1.54E+00	0.00E+00	0.00E+00	1.00E+01	9.38E+00	1.40E+02	0.00E+00	2.68E+07	2.29E+04	1.06E+01	2.15E+02	3.71E+02	0.00E+00	1.40E+02	1.97E+04	1.40E+02	1.77E+02	3.71E+02	0.00E+00	0.00E+00	0.00E+00	4.26E+00
	HW2W408ZS	4.70E+01	9.41E+01	1.70E+01	9.29E+01	0.00E+00	0.00E+00	1.75E+02	2.47E+04	5.78E+02	9.29E+01	0.00E+00	4.06E+00	1.18E+09	2.78E+07	1.33E+02	2.56E+00	0.00E+00	0.00E+00	1.67E+01	1.58E+01	2.34E+02	0.00E+00	4.48E+07	3.82E+04	1.82E+01	3.58E+02	6.18E+02	0.00E+00	2.34E+02	3.28E+04	2.34E+02	3.98E+02	6.18E+02	0.00E+00	0.00E+00	0.00E+00	7.10E+00
	HW2W410ZS	7.30E+01	1.44E+02	2.64E+01	1.42E+02	0.00E+00	0.00E+00	2.71E+02	3.78E+04	8.99E+02	1.44E+02	0.00E+00	6.29E+00	1.81E+09	4.52E+07	2.05E+02	3.97E+00	0.00E+00	0.00E+00	2.38E+01	2.42E+02	3.92E+02	0.00E+00	6.96E+07	5.93E+04	2.82E+01	5.89E+02	9.58E+02	0.00E+00	3.62E+02	5.08E+04	3.62E+02	4.58E+02	9.58E+02	0.00E+00	0.00E+00	0.00E+00	1.30E+03
	HW2W412ZS	1.18E+02	2.10E+02	4.04E+01	2.10E+02	0.00E+00	0.00E+00	3.60E+02	6.10E+04	1.45E+03	2.10E+02	0.00E+00	1.02E+01	3.15E+08	6.96E+07	3.41E+02	6.10E+00	0.00E+00	0.00E+00	4.17E+01	4.17E+02	5.85E+02	0.00E+00	1.19E+08	9.95E+04	4.65E+01	8.97E+02	1.50E+03	0.00E+00	5.85E+02	8.18E+05	5.85E+02	7.15E+02	1.50E+03	0.00E+00	0.00E+00	0.00E+00	1.77E+03
	HW2W416ZS	1.99E+02	3.89E+02	7.18E+01	3.88E+02	0.00E+00	0.00E+00	7.35E+02	1.02E+05	2.43E+03	3.89E+02	0.00E+00	1.71E+01	4.89E+08	1.17E+09	5.59E+02	1.88E+01	0.00E+00	0.00E+00	7.88E+01	8.57E+01	9.82E+02	0.00E+00															

End of Life C1-C4	HE2E425CA0AA-MTS	1.58E+01	1.13E+03	2.44E+03	1.08E+03	0.00E+00	0.00E+00	2.78E+03	6.87E+01	1.09E+03	0.00E+00	3.05E+01	1.37E+07	3.24E+08	1.43E+03	2.33E+03	0.00E+00	0.00E+00	1.99E+00	1.67E+02	2.85E+04	0.00E+00	4.75E+08	4.53E+08	2.35E+00	3.02E+02	6.20E+03	0.00E+00	2.65E+04	3.58E+04	2.85E+04	3.27E+04	6.20E+03	0.00E+00	0.00E+00	0.00E+00	8.37E+01	
	HE4E340CA0AA-MTS	1.08E+01	2.07E+03	4.58E+03	2.03E+03	0.00E+00	0.00E+00	3.11E+03	4.96E+01	1.27E+03	2.03E+03	0.00E+00	5.72E+01	2.58E+07	6.07E+08	2.71E+03	5.49E+03	0.00E+00	0.00E+00	3.67E+00	3.12E+02	4.97E+04	0.00E+00	8.87E+08	8.49E+08	4.02E+00	7.36E+02	1.18E+04	0.00E+00	4.97E+04	6.72E+04	4.97E+04	6.12E+04	1.18E+04	0.00E+00	0.00E+00	0.00E+00	1.57E+02
	HE4E440CA0AA-MTS	1.08E+01	2.07E+03	4.58E+03	2.03E+03	0.00E+00	0.00E+00	3.11E+03	4.96E+01	1.27E+03	2.03E+03	0.00E+00	5.72E+01	2.58E+07	6.07E+08	2.71E+03	5.49E+03	0.00E+00	0.00E+00	3.67E+00	3.12E+02	4.97E+04	0.00E+00	8.87E+08	8.49E+08	4.02E+00	7.36E+02	1.18E+04	0.00E+00	4.97E+04	6.72E+04	4.97E+04	6.12E+04	1.18E+04	0.00E+00	0.00E+00	0.00E+00	1.57E+02
	HW1M312DB	7.05E+01	3.75E+03	1.08E+03	2.67E+03	0.00E+00	0.00E+00	2.35E+02	5.32E+04	1.04E+03	2.64E+03	0.00E+00	-1.17E+00	5.53E+08	3.43E+08	1.23E+00	8.35E+01	1.75E+04	0.00E+00	2.02E+02	1.56E+03	2.47E+02	0.00E+00	2.20E+08	1.28E+08	8.76E+02	3.81E+04	4.42E+03	0.00E+00	2.81E+02	-1.02E+04	2.81E+02	3.15E+02	3.42E+03	0.00E+00	0.00E+00	0.00E+00	7.52E+03
HW1E316DCGH-MTS	HW1E316DCGH-MTS	6.08E+01	4.25E+03	1.12E+03	3.13E+03	0.00E+00	0.00E+00	3.00E+03	5.13E+04	1.04E+03	3.14E+03	0.00E+00	-1.20E+00	1.32E+07	3.51E+08	1.49E+00	1.09E+02	2.08E+04	0.00E+00	2.60E+02	1.59E+03	2.47E+02	0.00E+00	2.72E+08	1.63E+08	1.09E+03	3.88E+04	4.42E+03	0.00E+00	3.40E+02	-1.02E+04	2.81E+02	3.15E+02	3.42E+03	0.00E+00	0.00E+00	0.00E+00	9.68E+03
	HW1E316DEGH-MTS	6.08E+01	4.25E+03	1.12E+03	3.13E+03	0.00E+00	0.00E+00	3.00E+03	5.13E+04	1.04E+03	3.14E+03	0.00E+00	-1.20E+00	1.32E+07	3.51E+08	1.49E+00	1.09E+02	2.08E+04	0.00E+00	2.60E+02	1.59E+03	2.47E+02	0.00E+00	2.72E+08	1.63E+08	1.09E+03	3.88E+04	4.42E+03	0.00E+00	3.40E+02	-1.02E+04	2.81E+02	3.15E+02	3.42E+03	0.00E+00	0.00E+00	0.00E+00	9.70E+03
	HW1E316FCGH-MTS	2.22E+01	1.98E+03	9.34E+00	1.45E+03	0.00E+00	0.00E+00	1.30E+03	2.12E+04	1.47E+03	1.41E+03	0.00E+00	-3.54E+01	2.00E+07	1.62E+08	6.20E+01	1.15E+03	1.44E+04	0.00E+00	9.98E+01	7.88E+03	1.48E+02	0.00E+00	1.17E+08	6.70E+07	4.60E+02	1.87E+04	1.06E+03	0.00E+00	1.48E+02	-4.35E+03	1.48E+02	1.65E+02	1.68E+03	0.00E+00	0.00E+00	0.00E+00	3.70E+03
	HW1E316FEGH-MTS	2.22E+01	2.03E+03	9.34E+00	1.48E+03	0.00E+00	0.00E+00	1.31E+03	2.17E+04	1.47E+03	1.41E+03	0.00E+00	-3.54E+01	2.00E+07	1.62E+08	6.20E+01	1.15E+03	1.44E+04	0.00E+00	9.98E+01	7.88E+03	1.48E+02	0.00E+00	1.17E+08	6.70E+07	4.60E+02	1.87E+04	1.06E+03	0.00E+00	1.48E+02	-4.35E+03	1.48E+02	1.65E+02	1.68E+03	0.00E+00	0.00E+00	0.00E+00	3.70E+03
HW1E416DCGH-MTS	HW1E416DCGH-MTS	8.03E+01	5.23E+03	1.38E+03	3.92E+03	0.00E+00	0.00E+00	3.83E+03	6.87E+04	1.49E+03	3.99E+03	0.00E+00	-1.34E+00	1.48E+07	5.97E+08	1.93E+00	1.42E+02	2.14E+04	0.00E+00	3.36E+03	1.90E+03	3.48E+02	0.00E+00	3.48E+08	2.11E+08	1.40E+03	4.63E+04	5.76E+03	0.00E+00	4.40E+02	-1.38E+04	4.40E+02	5.02E+02	5.72E+03	0.00E+00	0.00E+00	0.00E+00	1.25E+04
	HW1E416DEGH-MTS	8.03E+01	5.29E+03	1.38E+03	3.92E+03	0.00E+00	0.00E+00	3.86E+03	6.90E+04	1.49E+03	4.00E+03	0.00E+00	-1.35E+00	1.47E+07	5.97E+08	1.93E+00	1.42E+02	2.21E+04	0.00E+00	3.37E+03	1.90E+03	3.47E+02	0.00E+00	3.47E+08	2.12E+08	1.40E+03	4.63E+04	5.76E+03	0.00E+00	4.42E+02	-1.37E+04	4.42E+02	5.02E+02	5.72E+03	0.00E+00	0.00E+00	0.00E+00	1.26E+04
	HW1E416FCGH-MTS	2.93E+01	2.47E+03	6.45E+00	1.63E+03	0.00E+00	0.00E+00	1.54E+02	2.77E+04	1.94E+03	1.79E+03	0.00E+00	-0.94E+01	1.05E+07	2.12E+08	8.08E+01	5.43E+03	1.48E+04	0.00E+00	1.30E+02	9.28E+03	1.93E+02	0.00E+00	1.51E+08	8.70E+07	5.92E+02	2.28E+04	2.21E+03	0.00E+00	1.93E+02	-5.18E+03	1.93E+02	2.13E+02	2.21E+03	0.00E+00	0.00E+00	0.00E+00	4.83E+03
	HW1E416FEGH-MTS	2.94E+01	2.47E+03	6.46E+00	1.63E+03	0.00E+00	0.00E+00	1.57E+02	2.78E+04	1.94E+03	1.79E+03	0.00E+00	-0.92E+01	1.13E+07	2.12E+08	8.12E+01	5.45E+03	1.53E+04	0.00E+00	1.31E+02	9.28E+03	1.93E+02	0.00E+00	1.52E+08	8.79E+07	5.92E+02	2.27E+04	2.22E+03	0.00E+00	1.93E+02	-5.06E+03	1.93E+02	2.15E+02	2.22E+03	0.00E+00	0.00E+00	0.00E+00	4.85E+03
HW1W316DSA-H-MTS	HW1W316DSA-H-MTS	6.00E+01	4.07E+03	1.07E+03	2.99E+03	0.00E+00	0.00E+00	2.88E+02	5.27E+04	1.09E+03	3.04E+03	0.00E+00	-1.12E+00	5.49E+08	3.45E+08	1.48E+00	1.07E+02	1.88E+04	0.00E+00	2.58E+02	1.50E+03	3.40E+02	0.00E+00	2.85E+08	1.60E+08	1.00E+03	3.86E+04	4.42E+03	0.00E+00	3.40E+02	-0.45E+03	3.40E+02	3.83E+02	4.23E+03	0.00E+00	0.00E+00	0.00E+00	9.54E+03
	HW1W316FSAH-MTS	2.25E+01	1.78E+03	4.72E+00	1.32E+03	0.00E+00	0.00E+00	1.08E+03	2.02E+04	1.42E+03	1.32E+03	0.00E+00	-1.22E+00	2.08E+08	1.45E+08	5.93E+01	3.96E+03	1.20E+04	0.00E+00	9.57E+01	6.77E+03	1.40E+02	0.00E+00	1.25E+08	6.26E+07	4.52E+02	1.65E+04	1.62E+03	0.00E+00	1.40E+02	-3.82E+03	1.40E+02	1.56E+02	1.63E+03	0.00E+00	0.00E+00	0.00E+00	3.50E+03
	HW1W416DSA-H-MTS	1.14E+01	5.07E+03	1.35E+03	3.77E+03	0.00E+00	0.00E+00	3.77E+03	6.78E+04	1.54E+03	3.87E+03	0.00E+00	-1.32E+00	5.76E+08	5.96E+08	1.87E+00	1.40E+02	1.88E+04	0.00E+00	3.32E+02	1.76E+03	4.17E+02	0.00E+00	3.46E+08	2.07E+08	1.37E+03	4.58E+04	5.06E+03	0.00E+00	4.37E+02	-1.12E+04	4.37E+02	4.92E+02	5.65E+03	0.00E+00	0.00E+00	0.00E+00	1.24E+04
	HW1W412FSAF-MTS	4.38E+01	2.88E+03	8.16E+00	2.07E+03	0.00E+00	0.00E+00	2.01E+03	3.70E+04	2.99E+03	2.15E+03	0.00E+00	-4.25E+01	3.85E+08	3.22E+08	1.94E+00	7.78E+03	1.20E+04	0.00E+00	1.82E+02	8.27E+03	2.47E+02	0.00E+00	1.92E+08	1.17E+08	7.61E+02	2.02E+04	3.12E+03	0.00E+00	2.47E+02	-4.25E+02	2.47E+02	2.78E+03	3.12E+03	0.00E+00	0.00E+00	0.00E+00	6.78E+03
HW1M412FCFF-MTS	HW1M412FCFF-MTS	4.47E+01	2.90E+03	8.62E+00	2.22E+03	0.00E+00	0.00E+00	2.13E+03	3.82E+04	3.04E+03	2.28E+03	0.00E+00	-4.04E+01	1.18E+07	3.30E+08	1.97E+00	7.94E+03	1.48E+04	0.00E+00	1.89E+02	8.28E+03	2.58E+02	0.00E+00	2.00E+08	1.21E+08	7.92E+02	2.27E+04	3.18E+03	0.00E+00	2.58E+02	-4.93E+02	2.58E+02	2.87E+03	3.18E+03	0.00E+00	0.00E+00	0.00E+00	6.94E+03
	HW1W416FSAF-MTS	4.38E+01	2.88E+03	8.16E+00	2.07E+03	0.00E+00	0.00E+00	2.01E+03	3.70E+04	2.99E+03	2.15E+03	0.00E+00	-4.25E+01	3.85E+08	3.22E+08	1.94E+00	7.78E+03	1.20E+04	0.00E+00	1.82E+02	8.27E+03	2.47E+02	0.00E+00	1.92E+08	1.17E+08	7.61E+02	2.02E+04	3.12E+03	0.00E+00	2.47E+02	-4.25E+02	2.47E+02	2.78E+03	3.12E+03	0.00E+00	0.00E+00	0.00E+00	6.78E+03
	HW1M416FCGF-MTS	4.47E+01	2.90E+03	8.62E+00	2.22E+03	0.00E+00	0.00E+00	2.13E+03	3.82E+04	3.04E+03	2.28E+03	0.00E+00	-4.04E+01	1.18E+07	3.30E+08	1.97E+00	7.94E+03	1.48E+04	0.00E+00	1.89E+02	8.28E+03	2.58E+02	0.00E+00	2.00E+08	1.21E+08	7.92E+02	2.27E+04	3.18E+03	0.00E+00	2.58E+02	-4.93E+02	2.58E+02	2.87E+03	3.18E+03	0.00E+00	0.00E+00	0.00E+00	6.94E+03
	HW1W416FSAH-MTS	2.84E+01	2.28E+03	5.81E+00	1.67E+03	0.00E+00	0.00E+00	1.41E+02	2.68E+04	1.88E+03	1.68E+03	0.00E+00	-0.25E+01	2.73E+08	2.08E+08	7.73E+01	5.25E+03	1.20E+04	0.00E+00	1.28E+02	8.27E+03	1.83E+02	0.00E+00	1.44E+08	8.33E+07	5.83E+02	2.02E+04	2.14E+03	0.00E+00	1.83E+02	-4.48E+03	1.83E+02	2.04E+02	2.14E+03	0.00E+00	0.00E+00	0.00E+00	4.87E+03
HW1E304DB	HW1E304DB	5.00E+01	3.88E+03	1.08E+03	2.78E+03	0.00E+00	0.00E+00	2.52E+02	4.62E+04	1.37E+03	2.77E+03	0.00E+00	-1.18E+00	5.88E+08	3.88E+08	1.33E+00	9.11E+03	1.75E+04	0.00E+00	2.20E+02	1.55E+03	3.03E+02	0.00E+00	2.36E+08	1.39E+08	9.37E+02	3.78E+04	3.72E+03	0.00E+00	3.03E+02	-0.98E+03	3.03E+02	3.38E+02	3.72E+03	0.00E+00	0.00E+00	0.00E+00	8.17E+03
	HW1E304DE	5.00E+01	3.93E+03	1.10E+03	2.82E+03	0.00E+00	0.00E+00	2.61E+02	4.84E+04	1.37E+03	2.78E+03	0.00E+00	-1.07E+00	1.47E+07	3.91E+08	1.33E+00	9.10E+03	1.75E+04	0.00E+00	2.20E+02	1.58E+03	3.03E+02	0.00E+00	2.36E+08	1.39E+08	9.38E+02	3.85E+04	3.71E+03	0.00E+00	3.03E+02	-1.01E+04	3.03E+02	3.38E+02	3.71E+03	0.00E+00	0.00E+00	0.00E+00	8.18E+03
	HW1E304DF	8.10E+02	1.51E+03	4.78E+00	1.04E+03	0.00E+00	0.00E+00	6.23E+03	1.22E+04	4.65E+02	9.47E+02	0.00E+00	-5.43E+01	2.32E+08	5.36E+07	3.92E+01	1.89E+03	1.08E+04	0.00E+00	5.02E+01	7.37E+03	9.00E+01	0.00E+00	7.14E+07	3.61E+07	2.69E+02	1.75E+04	8.24E+03	0.00E+00	9.00E+01	-4.35E+03	9.00E+01	9.83E+01	8.24E+03	0.00E+00	0.00E+00	0.00E+00	1.82E+03
	HW1E304FE	1.14E+01	1.64E+03	4.87E+00	1.14E+03	0.00E+00	0.00E+00	6.00E+03	1.46E+04	7.02E+02	1.04E+03	0.00E+00	-4.48E+01	1.12E+07	7.92E+07	4.31E+01	2.37E+03	1.08E+04	0.00E+00	5.00E+01	7.57E+03	9.03E+01	0.00E+00	7.57E+07	3.61E+07	2.69E+02	1.75E+04	8.24E+03	0.00E+00	9.00E+01	-4.51E+03	1.01E+03	1.11E+02	9.94E+00	0.00E+00	0.00E+00	2.20E+03	
HW1E306DB	HW1E306DB	5.00E+01	3.88E+03	1.08E+03	2.																																	

HW1M312FE	1.14501	1.84610	4.89701	1.14501	0.00000	0.00000	8.00201	1.40640	7.02810	1.04610	0.00000	-4.48610	1.12810	7.03010	4.31010	2.37610	1.00640	0.00000	6.00610	7.57610	1.01210	0.00000	7.88610	4.25610	3.10510	1.84640	9.94610	0.00000	1.01610	-4.51610	1.01210	1.11610	9.94610	0.00000	0.00000	0.00000	0.00000	2.20610
HW1M316DB	5.00001	3.88610	1.08010	2.78610	0.00000	0.00000	2.52610	4.62640	3.37610	2.77610	0.00000	-1.18610	5.88610	3.88610	3.90610	9.11610	1.78640	0.00000	2.20610	1.55610	3.01210	0.00000	2.36610	1.39610	9.97610	3.78640	3.72610	0.00000	3.01610	0.88610	3.01210	3.38610	3.72610	0.00000	0.00000	0.00000	0.00000	8.17610
HW1M316DE	5.00001	3.91610	1.08010	2.82610	0.00000	0.00000	2.62610	4.65640	3.37610	2.78610	0.00000	-1.06610	1.47610	3.70610	1.31610	9.11610	1.78640	0.00000	2.20610	1.57610	3.01210	0.00000	2.36610	1.39610	9.97610	3.82610	3.72610	0.00000	3.02610	0.88610	3.01210	3.38610	3.72610	0.00000	0.00000	0.00000	0.00000	8.17610
HW1M316FB	1.14501	1.84610	4.89701	1.14501	0.00000	0.00000	8.00201	1.40640	7.02810	1.04610	0.00000	-4.48610	1.12810	7.03010	4.31010	2.37610	1.00640	0.00000	6.00610	7.57610	1.01210	0.00000	7.88610	4.25610	3.10510	1.84640	9.94610	0.00000	1.01610	-4.51610	1.01210	1.11610	9.94610	0.00000	0.00000	0.00000	0.00000	2.20610
HW1M316FE	1.14501	1.84610	4.89701	1.14501	0.00000	0.00000	8.00201	1.40640	7.02810	1.04610	0.00000	-4.48610	1.12810	7.03010	4.31010	2.37610	1.00640	0.00000	6.00610	7.57610	1.01210	0.00000	7.88610	4.25610	3.10510	1.84640	9.94610	0.00000	1.01610	-4.51610	1.01210	1.11610	9.94610	0.00000	0.00000	0.00000	0.00000	2.20610
HW1M404DB	6.59601	4.80610	1.32010	3.48610	0.00000	0.00000	3.21610	5.87640	4.47610	3.50610	0.00000	-1.41610	7.31610	4.87610	1.85610	1.18610	1.79640	0.00000	2.84610	1.88610	3.84610	0.00000	3.00610	1.79610	1.20610	4.56640	4.80610	0.00000	3.84610	1.12640	3.84610	4.32610	4.80610	0.00000	0.00000	0.00000	0.00000	1.00640
HW1M404DE	6.59601	4.80610	1.31010	3.48610	0.00000	0.00000	3.22610	5.88640	4.47610	3.51610	0.00000	-1.38610	8.38610	4.87610	1.84610	1.18610	1.82640	0.00000	2.84610	1.87610	3.84610	0.00000	3.01610	1.79610	1.20610	4.56640	4.81610	0.00000	3.85610	1.13610	3.84610	4.32610	4.81610	0.00000	0.00000	0.00000	0.00000	1.00640
HW1M404FB	1.01610	1.88610	5.98610	1.28610	0.00000	0.00000	7.78610	1.46640	5.78610	1.16610	0.00000	-6.82610	2.64610	6.80610	4.73610	2.30610	1.14640	0.00000	6.04610	9.22610	1.13610	0.00000	8.71610	4.43610	3.76610	2.25640	9.91610	0.00000	1.10610	-5.44610	1.13610	1.24610	9.91610	0.00000	0.00000	0.00000	0.00000	2.20610
HW1M404FE	1.01610	1.88610	5.98610	1.28610	0.00000	0.00000	7.78610	1.46640	5.78610	1.16610	0.00000	-6.82610	2.64610	6.80610	4.73610	2.30610	1.14640	0.00000	6.04610	9.22610	1.13610	0.00000	8.71610	4.43610	3.76610	2.25640	9.91610	0.00000	1.10610	-5.44610	1.13610	1.24610	9.91610	0.00000	0.00000	0.00000	0.00000	2.20610
HW1M406DB	6.59601	4.80610	1.32010	3.48610	0.00000	0.00000	3.21610	5.87640	4.47610	3.50610	0.00000	-1.41610	7.31610	4.87610	1.85610	1.18610	1.79640	0.00000	2.84610	1.88610	3.84610	0.00000	3.00610	1.79610	1.20610	4.56640	4.80610	0.00000	3.84610	1.12640	3.84610	4.32610	4.80610	0.00000	0.00000	0.00000	0.00000	1.00640
HW1M406DE	6.59601	4.80610	1.31010	3.48610	0.00000	0.00000	3.22610	5.88640	4.47610	3.51610	0.00000	-1.38610	8.38610	4.87610	1.84610	1.18610	1.82640	0.00000	2.84610	1.87610	3.84610	0.00000	3.01610	1.79610	1.20610	4.56640	4.81610	0.00000	3.85610	1.13610	3.84610	4.32610	4.81610	0.00000	0.00000	0.00000	0.00000	1.00640
HW1M406FB	1.01610	1.88610	5.98610	1.28610	0.00000	0.00000	7.78610	1.46640	5.78610	1.16610	0.00000	-6.82610	2.64610	6.80610	4.73610	2.30610	1.14640	0.00000	6.04610	9.22610	1.13610	0.00000	8.71610	4.43610	3.76610	2.25640	9.91610	0.00000	1.10610	-5.44610	1.13610	1.24610	9.91610	0.00000	0.00000	0.00000	0.00000	2.20610
HW1M406FE	1.01610	1.88610	5.98610	1.28610	0.00000	0.00000	7.78610	1.46640	5.78610	1.16610	0.00000	-6.82610	2.64610	6.80610	4.73610	2.30610	1.14640	0.00000	6.04610	9.22610	1.13610	0.00000	8.71610	4.43610	3.76610	2.25640	9.91610	0.00000	1.10610	-5.44610	1.13610	1.24610	9.91610	0.00000	0.00000	0.00000	0.00000	2.20610
HW1M408DB	6.59601	4.80610	1.32010	3.48610	0.00000	0.00000	3.21610	5.87640	4.47610	3.50610	0.00000	-1.41610	7.31610	4.87610	1.85610	1.18610	1.79640	0.00000	2.84610	1.88610	3.84610	0.00000	3.00610	1.79610	1.20610	4.56640	4.80610	0.00000	3.84610	1.12640	3.84610	4.32610	4.80610	0.00000	0.00000	0.00000	0.00000	1.00640
HW1M408DE	6.59601	4.80610	1.31010	3.48610	0.00000	0.00000	3.22610	5.88640	4.47610	3.51610	0.00000	-1.38610	8.38610	4.87610	1.84610	1.18610	1.82640	0.00000	2.84610	1.87610	3.84610	0.00000	3.01610	1.79610	1.20610	4.56640	4.81610	0.00000	3.85610	1.13610	3.84610	4.32610	4.81610	0.00000	0.00000	0.00000	0.00000	1.00640
HW1M408FB	1.01610	1.88610	5.98610	1.28610	0.00000	0.00000	7.78610	1.46640	5.78610	1.16610	0.00000	-6.82610	2.64610	6.80610	4.73610	2.30610	1.14640	0.00000	6.04610	9.22610	1.13610	0.00000	8.71610	4.43610	3.76610	2.25640	9.91610	0.00000	1.10610	-5.44610	1.13610	1.24610	9.91610	0.00000	0.00000	0.00000	0.00000	2.20610
HW1M408FE	1.01610	1.88610	5.98610	1.28610	0.00000	0.00000	7.78610	1.46640	5.78610	1.16610	0.00000	-6.82610	2.64610	6.80610	4.73610	2.30610	1.14640	0.00000	6.04610	9.22610	1.13610	0.00000	8.71610	4.43610	3.76610	2.25640	9.91610	0.00000	1.10610	-5.44610	1.13610	1.24610	9.91610	0.00000	0.00000	0.00000	0.00000	2.20610
HW1M410DB	6.59601	4.80610	1.32010	3.48610	0.00000	0.00000	3.21610	5.87640	4.47610	3.50610	0.00000	-1.41610	7.31610	4.87610	1.85610	1.18610	1.79640	0.00000	2.84610	1.88610	3.84610	0.00000	3.00610	1.79610	1.20610	4.56640	4.80610	0.00000	3.84610	1.12640	3.84610	4.32610	4.80610	0.00000	0.00000	0.00000	0.00000	1.00640
HW1M410DE	6.59601	4.80610	1.31010	3.48610	0.00000	0.00000	3.22610	5.88640	4.47610	3.51610	0.00000	-1.38610	8.38610	4.87610	1.84610	1.18610	1.82640	0.00000	2.84610	1.87610	3.84610	0.00000	3.01610	1.79610	1.20610	4.56640	4.81610	0.00000	3.85610	1.13610	3.84610	4.32610	4.81610	0.00000	0.00000	0.00000	0.00000	1.00640
HW1M410FB	1.01610	1.88610	5.98610	1.28610	0.00000	0.00000	7.78610	1.46640	5.78610	1.16610	0.00000	-6.82610	2.64610	6.80610	4.73610	2.30610	1.14640	0.00000	6.04610	9.22610	1.13610	0.00000	8.71610	4.43610	3.76610	2.25640	9.91610	0.00000	1.10610	-5.44610	1.13610	1.24610	9.91610	0.00000	0.00000	0.00000	0.00000	2.20610
HW1M410FE	1.01610	1.88610	5.98610	1.28610	0.00000	0.00000	7.78610	1.46640	5.78610	1.16610	0.00000	-6.82610	2.64610	6.80610	4.73610	2.30610	1.14640	0.00000	6.04610	9.22610	1.13610	0.00000	8.71610	4.43610	3.76610	2.25640	9.91610	0.00000	1.10610	-5.44610	1.13610	1.24610	9.91610	0.00000	0.00000	0.00000	0.00000	2.20610
HW1M412DB	6.59601	4.80610	1.32010	3.48610	0.00000	0.00000	3.21610	5.87640	4.47610	3.50610	0.00000	-1.41610	7.31610	4.87610	1.85610	1.18610	1.79640	0.00000	2.84610	1.88610	3.84610	0.00000	3.00610	1.79610	1.20610	4.56640	4.80610	0.00000	3.84610	1.12640	3.84610	4.32610	4.80610	0.00000	0.00000	0.00000	0.00000	1.00640
HW1M412DE	6.59601	4.80610	1.32010	3.48610	0.00000	0.00000	3.22610	5.88640	4.47610	3.51610	0.00000	-1.39610	8.42610	4.87610	1.85610	1.18610	1.82640	0.00000	2.84610	1.88610	3.84610	0.00000	3.01610	1.79610	1.20610	4.56640	4.80610	0.00000	3.84610	1.12640	3.84610	4.32610	4.80610	0.00000	0.00000	0.00000	0.00000	1.00640
HW1M412FB	1.48601	1.99610	6.01610	1.39610	0.00000	0.00000	9.51610	1.77640	6.21610	1.31610	0.00000	-6.75610	2.98610	1.02610	5.53610	1.08610	1.14640	0.00000	7.71610	9.06610	1.30610	0.00000	1.01610	5.49610	3.94610	2.21640	1.28610	0.00000	1.30610	-5.24610	1.30610	1.47610	1.29610	0.00000	0.00000	0.00000	0.00000	2.84610
HW1M412FE	1.50601	1.99610	6.01610	1.39610	0.00000	0.00000	9.51610	1.78640	6.21610	1.31610	0.00000	-6.80610	3.04610	1.02610	5.54610	1.08610	1.14640	0.00000	7.71610	9.10610	1.30610	0.00000	1.01610	5.50610	3.95610	2.22640	1.28610	0.00000	1.30610	-5.22610	1.30610	1.47610	1.29610	0.00000	0.00000	0.00000	0.00000	2.85610
HW1M416DB	6.59601	4.80610	1.32010	3.48610	0.00000	0.00000	3.21610	5.87640	4.47610	3.50610	0.00000	-1.41610	7.31610	4.87610	1.85610	1.18610	1.79640	0.00000	2.84610	1.88610	3.84610	0.00000	3.00610	1.79610	1.20610	4.56640	4.80610	0.00000	3.84610	1.12640	3.84610	4.32610	4.80610	0.00000	0.00000	0.00000	0.00000	1.00640
HW1M416DE	6.59601	4.80610	1.32010	3.48610	0.00000	0.00000	3.22610	5.88640																														

HW1W312FS	1.07E-01	1.44E-03	4.38E-00	1.02E-00	0.00E+00	0.00E+00	1.29E-04	8.59E-03	9.92E-02	0.00E+00	5.02E-01	1.29E-00	7.34E-07	4.05E-01	2.23E-01	9.74E-00	0.00E+00	5.84E-02	6.64E-00	9.41E-03	0.00E+00	7.48E-07	3.97E-07	2.88E-02	1.62E-04	9.40E+00	0.00E+00	9.41E-03	-3.89E-05	9.41E-03	1.03E-02	9.40E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-03		
HW1W316DS	4.93E-01	3.73E-01	1.04E-01	2.79E-01	0.00E+00	0.00E+00	2.46E-02	4.53E-04	3.33E-01	2.70E-01	0.00E+00	-1.12E+00	4.69E-00	3.64E-00	1.27E+00	8.95E-01	1.61E-04	0.00E+00	2.17E-02	1.48E-02	2.94E-02	0.00E+00	2.30E-00	1.39E-00	9.35E-02	3.62E-04	3.69E-01	0.00E+00	2.94E-02	-6.51E-03	2.94E-03	3.31E-02	3.68E-03	0.00E+00	0.00E+00	0.00E+00	8.08E-03	
HW1W316FS	1.08E-01	1.44E-03	4.26E-00	1.04E-00	0.00E+00	0.00E+00	9.67E-03	1.38E-04	8.60E-03	9.79E-02	0.00E+00	-4.85E-01	1.25E-00	7.40E-07	4.22E-01	2.29E-01	9.74E-00	0.00E+00	5.86E-02	6.42E-00	9.37E-03	0.00E+00	7.72E-07	4.09E-07	2.82E-02	1.58E-04	9.30E+00	0.00E+00	9.77E-03	-3.81E-05	9.37E-03	1.07E-02	9.30E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-03	
HW1W404DS	9.91E-01	4.48E-01	1.24E-01	3.22E-01	0.00E+00	0.00E+00	2.94E-02	5.41E-04	1.99E-01	3.23E-01	0.00E+00	-1.34E+00	5.54E-00	4.36E-00	1.52E+00	1.07E-02	1.65E-04	0.00E+00	2.58E-02	1.77E-01	3.33E-02	0.00E+00	2.76E-00	1.63E-00	1.03E-01	4.32E-04	4.37E+00	0.00E+00	3.53E-02	-1.13E-04	3.33E-02	3.97E-02	4.37E+00	0.00E+00	0.00E+00	0.00E+00	9.59E-03	
HW1W404FS	8.14E-02	1.06E-03	3.27E-00	1.13E-00	0.00E+00	0.00E+00	6.35E-03	1.28E-04	4.45E-03	1.02E-01	0.00E+00	-1.24E+00	1.23E-00	5.25E-07	4.22E-01	1.95E-01	9.74E-00	0.00E+00	5.22E-02	5.34E-00	9.33E-03	0.00E+00	7.75E-07	3.67E-07	2.86E-02	1.88E-04	9.30E+00	0.00E+00	9.77E-03	-6.67E-05	9.33E-03	1.08E-02	9.30E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-03	
HW1W406DS	6.90E-01	4.64E-01	1.26E-01	3.38E-01	0.00E+00	0.00E+00	3.50E-02	5.78E-04	4.42E-01	3.42E-01	0.00E+00	-1.35E+00	5.99E-00	4.81E-00	1.62E+00	1.17E-02	1.63E-04	0.00E+00	2.79E+00	1.78E-01	3.78E-02	0.00E+00	2.94E-00	1.76E-00	1.17E-01	4.35E-04	4.74E+00	0.00E+00	3.78E-02	-1.13E-04	3.78E-02	4.23E-02	4.74E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-04	
HW1W406FS	1.41E-01	1.62E-02	5.37E-00	1.29E-00	0.00E+00	0.00E+00	8.57E-03	1.67E-04	8.88E-03	1.22E-01	0.00E+00	-4.11E-01	1.67E-00	8.60E-07	5.22E-01	2.81E-01	9.74E-00	0.00E+00	7.33E-01	8.09E-00	1.22E-02	0.00E+00	9.65E-07	5.17E-07	3.68E-02	1.97E-04	1.23E+01	0.00E+00	1.22E-02	-4.56E-03	1.22E-02	1.34E-02	1.23E+01	0.00E+00	0.00E+00	0.00E+00	2.69E-03	
HW1W408DS	4.06E-01	4.64E-01	1.26E-01	3.38E-01	0.00E+00	0.00E+00	3.50E-02	5.78E-04	4.42E-01	3.42E-01	0.00E+00	-1.35E+00	5.99E-00	4.81E-00	1.62E+00	1.17E-02	1.63E-04	0.00E+00	2.79E+02	1.78E-01	3.78E-02	0.00E+00	2.94E-00	1.76E-00	1.17E-01	4.35E-04	4.74E+00	0.00E+00	3.78E-02	-1.13E-04	3.78E-02	4.23E-02	4.74E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-04	
HW1W408FS	1.41E-01	1.62E-02	5.37E-00	1.29E-00	0.00E+00	0.00E+00	8.57E-03	1.67E-04	8.88E-03	1.22E-01	0.00E+00	-4.11E-01	1.67E-00	8.60E-07	5.22E-01	2.81E-01	9.74E-00	0.00E+00	7.33E-01	8.09E-00	1.22E-02	0.00E+00	9.65E-07	5.17E-07	3.68E-02	1.97E-04	1.23E+01	0.00E+00	1.22E-02	-4.56E-03	1.22E-02	1.34E-02	1.23E+01	0.00E+00	0.00E+00	0.00E+00	2.69E-03	
HW1W410DS	6.90E-01	4.64E-01	1.26E-01	3.38E-01	0.00E+00	0.00E+00	3.50E-02	5.78E-04	4.42E-01	3.42E-01	0.00E+00	-1.35E+00	5.99E-00	4.81E-00	1.62E+00	1.17E-02	1.63E-04	0.00E+00	2.79E+00	1.78E-01	3.78E-02	0.00E+00	2.94E-00	1.76E-00	1.17E-01	4.35E-04	4.74E+00	0.00E+00	3.78E-02	-1.13E-04	3.78E-02	4.23E-02	4.74E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-04	
HW1W410FS	1.41E-01	1.62E-02	5.37E-00	1.29E-00	0.00E+00	0.00E+00	8.57E-03	1.67E-04	8.88E-03	1.22E-01	0.00E+00	-4.11E-01	1.67E-00	8.60E-07	5.22E-01	2.81E-01	9.74E-00	0.00E+00	7.33E-01	8.09E-00	1.22E-02	0.00E+00	9.65E-07	5.17E-07	3.68E-02	1.97E-04	1.23E+01	0.00E+00	1.22E-02	-4.56E-03	1.22E-02	1.34E-02	1.23E+01	0.00E+00	0.00E+00	0.00E+00	2.69E-03	
HW1W412DS	6.90E-01	4.64E-01	1.26E-01	3.38E-01	0.00E+00	0.00E+00	3.50E-02	5.78E-04	4.42E-01	3.42E-01	0.00E+00	-1.35E+00	5.99E-00	4.81E-00	1.62E+00	1.17E-02	1.63E-04	0.00E+00	2.79E+02	1.78E-01	3.78E-02	0.00E+00	2.94E-00	1.76E-00	1.17E-01	4.35E-04	4.74E+00	0.00E+00	3.78E-02	-1.13E-04	3.78E-02	4.23E-02	4.74E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-04	
HW1W412FS	1.41E-01	1.62E-02	5.37E-00	1.29E-00	0.00E+00	0.00E+00	8.57E-03	1.67E-04	8.88E-03	1.22E-01	0.00E+00	-4.11E-01	1.67E-00	8.60E-07	5.22E-01	2.81E-01	9.74E-00	0.00E+00	7.33E-01	8.09E-00	1.22E-02	0.00E+00	9.65E-07	5.17E-07	3.68E-02	1.97E-04	1.23E+01	0.00E+00	1.22E-02	-4.56E-03	1.22E-02	1.34E-02	1.23E+01	0.00E+00	0.00E+00	0.00E+00	2.69E-03	
HW1W416DS	6.90E-01	4.64E-01	1.26E-01	3.38E-01	0.00E+00	0.00E+00	3.50E-02	5.78E-04	4.42E-01	3.42E-01	0.00E+00	-1.35E+00	5.99E-00	4.81E-00	1.62E+00	1.17E-02	1.63E-04	0.00E+00	2.79E+02	1.78E-01	3.78E-02	0.00E+00	2.94E-00	1.76E-00	1.17E-01	4.35E-04	4.74E+00	0.00E+00	3.78E-02	-1.13E-04	3.78E-02	4.23E-02	4.74E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-04	
HW1W416FS	1.41E-01	1.62E-02	5.37E-00	1.29E-00	0.00E+00	0.00E+00	8.57E-03	1.67E-04	8.88E-03	1.22E-01	0.00E+00	-4.11E-01	1.67E-00	8.60E-07	5.22E-01	2.81E-01	9.74E-00	0.00E+00	7.33E-01	8.09E-00	1.22E-02	0.00E+00	9.65E-07	5.17E-07	3.68E-02	1.97E-04	1.23E+01	0.00E+00	1.22E-02	-4.56E-03	1.22E-02	1.34E-02	1.23E+01	0.00E+00	0.00E+00	0.00E+00	2.69E-03	
HF2S325DCIH-MTS	3.57E-01	8.23E-02	4.45E-01	3.99E-01	0.00E+00	0.00E+00	1.50E-02	2.41E-04	2.47E-01	3.18E-01	0.00E+00	-5.31E+00	9.99E-00	2.70E-00	8.21E-01	5.62E-01	2.15E-04	0.00E+00	1.27E-02	7.13E-01	1.09E-02	0.00E+00	1.37E-00	7.73E-07	8.82E-02	1.75E-03	1.59E-02	0.00E+00	1.66E-02	-6.25E-04	1.66E-02	1.62E-02	1.59E-02	0.00E+00	0.00E+00	0.00E+00	4.77E-03	
HF2S325DEIH-MTS	3.56E-01	8.17E-02	4.45E-01	3.92E-01	0.00E+00	0.00E+00	1.55E-02	2.47E-04	2.48E-01	3.19E-01	0.00E+00	-5.28E+00	1.35E-07	2.71E-00	8.32E-01	5.66E-01	2.22E-04	0.00E+00	1.28E-02	7.13E-01	1.09E-02	0.00E+00	1.39E-00	7.83E-07	8.86E-02	1.73E-03	1.61E-02	0.00E+00	1.69E-02	-6.16E-04	1.69E-02	1.85E-02	1.61E-02	0.00E+00	0.00E+00	0.00E+00	4.81E-03	
HF2S425DCIH-MTS	4.71E-01	8.82E-02	5.44E-01	4.83E-01	0.00E+00	0.00E+00	1.94E-02	3.17E-04	3.17E-01	3.98E-01	0.00E+00	-4.52E+00	1.08E-07	3.56E-00	1.09E+00	7.41E-01	2.08E-04	0.00E+00	1.67E-02	8.72E-01	2.18E-02	0.00E+00	1.78E-00	1.51E-04	1.12E-01	2.12E-03	2.12E-03	2.17E-03	0.00E+00	2.18E-02	-7.53E-04	2.18E-02	2.38E-02	2.13E-03	0.00E+00	0.00E+00	0.00E+00	6.27E-03
HF2S425DEIH-MTS	4.72E-01	1.03E-02	5.45E-01	4.88E-01	0.00E+00	0.00E+00	1.99E-02	3.22E-04	3.17E-01	3.99E-01	0.00E+00	-4.46E+00	1.44E-07	3.57E-00	1.07E-01	7.47E-01	2.06E-04	0.00E+00	1.68E-02	8.74E-01	2.18E-02	0.00E+00	1.80E-00	1.62E-04	1.12E-01	2.12E-03	2.12E-03	2.17E-03	0.00E+00	2.18E-02	-7.53E-04	2.18E-02	2.38E-02	2.13E-03	0.00E+00	0.00E+00	0.00E+00	6.32E-03
HF2W325DSAH-MTS	3.56E-01	8.22E-02	4.42E-01	3.89E-01	0.00E+00	0.00E+00	1.41E-02	2.36E-04	2.46E-01	3.12E-01	0.00E+00	-5.38E+00	2.74E-00	2.68E-00	8.06E-01	5.56E-01	2.05E-04	0.00E+00	1.25E-02	7.10E-01	1.03E-02	0.00E+00	1.34E-00	7.56E-07	8.88E-02	1.72E-03	1.56E-02	0.00E+00	1.62E-02	-6.13E-04	1.62E-02	1.78E-02	1.56E-02	0.00E+00	0.00E+00	0.00E+00	4.71E-03	
HF2W425DSAH-MTS	4.69E-01	1.02E-02	5.42E-01	4.74E-01	0.00E+00	0.00E+00	1.85E-02	3.12E-04	3.16E-01	3.93E-01	0.00E+00	-4.58E+00	3.60E-00	3.54E-00	1.05E+00	7.36E-01	2.09E-04	0.00E+00	1.66E-02	8.70E-01	2.13E-02	0.00E+00	1.79E-00	1.60E-04	1.10E-01	2.11E-03	2.13E-03	2.18E-03	0.00E+00	2.19E-02	-7.51E-04	2.19E-02	2.34E-02	2.11E-03	0.00E+00	0.00E+00	0.00E+00	6.23E-03
HF2W420FSAI-MTS	4.31E-01	6.15E-01	2.94E-01	3.22E-01	0.00E+00	0.00E+00	1.72E-02	2.86E-04	3.00E-01	2.83E-01	0.00E+00	-3.52E+00	3.36E-00	3.64E-00	9.12E-01	6.97E-01	2.08E-04	0.00E+00	1.57E-02	4.64E-01	1.93E-02	0.00E+00	1.61E-00	9.70E-07	8.88E-02	1.13E-03	2.37E-03	0.00E+00	1.99E-02	-3.95E-04	1.99E-02	2.23E-02	2.37E-03	0.00E+00	0.00E+00	0.00E+00	5.89E-03	
HF2E2420CCH-MTS	4.33E-01	6.20E-01	2.96E-01	3.32E-01	0.00E+00	0.00E+00	1.81E-02	3.01E-04	3.02E-01	2.88E-01	0.00E+00	-3.45E+00	1.89E-07	3.25E-00	9.25E-01	7.02E-01	2.18E-04	0.00E+00	1.58E-02	4.67E-01	1.93E-02	0.00E+00	1.64E-00	9.65E-07	8.83E-02	1.12E-03	2.37E-03	0.00E+00	2.03E-02	-3.97E-04	2.03E-02	2.24E-02	2.37E-03	0.00E+00	0.00E+00	0.00E+00	5.94E-03	
HF2S325FSCH-MTS	3.56E-01	5.78E-02	4.42E-01	2.78E-01	0.00E+00	0.00E+00	1.46E-02	2.62E-04	2.41E-01	3.26E-01	0.00E+00	-2.81E-00	3.90E-00	2.68E-00	7.45E-01	5.62E-01	2.14E-04	0.00E+00	1.27E-02	7.16E-01	1.03E-02	0.00E+00	1.36E-00	7.61E-07	7.64E-02	1.86E-02	1.60E-02	0.00E+00	1.63E-02	-3.24E-04	1.63E-02	1.86E-02	1.60E-02	0.00E+00	0.00E+00	0.00E+00	4.76E-03	
HF2S325FEIH-MTS	3.47E-01	5.14E-02	2.45E-01	2.71E-01	0.00E+00	0.00E+00	1.50E-02	2.46E-04	2.41E-01	2.35E-01	0.00E+00	-2.78E+00	1.33E-07	2.61E-00	7.49E-01	5.63E-01	2.22E-04	0.00E+00	1.27E-02	7.13E-01	1.04E-02	0.00E+00	1.33E-00	7.55E-07	7.74E-02	9.35E-04	1.69E-02	0.00E+00										

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HW2S406DE	5.556E-02	8.006E-01	5.360E-01	3.736E-01	0.000E+00	0.000E+00	2.880E-01	0.000E+00	8.610E-01	3.000E-01	3.035E-01	3.405E-01	6.390E-01	2.630E-01	0.000E+00	1.580E-01	8.750E-02	4.180E-01	0.000E+00	4.27E-01	1.005E-01	5.710E-02	2.120E-01	4.360E-01	0.000E+00	4.180E-01	7.610E-01	4.180E-01	3.680E-01	4.960E-01	0.000E+00	0.000E+00	0.000E+00	5.68E-02			
HW2S406FB	4.130E-01	5.120E-01	2.870E-01	2.250E-01	0.000E+00	0.000E+00	2.270E-01	3.180E-01	2.230E-02	1.860E-01	0.000E+00	3.540E-01	1.290E-01	2.630E-01	2.440E-01	2.240E-01	2.090E-01	0.000E+00	1.520E-01	4.880E-02	3.750E-01	0.000E+00	3.580E-01	1.200E-01	3.620E-02	1.340E-01	1.380E-01	0.000E+00	3.750E-01	4.050E-01	3.750E-01	3.610E-01	1.390E-01	0.000E+00	0.000E+00	0.000E+00	5.44E-02
HW2S406FE	4.206E-02	5.140E-01	2.880E-01	3.710E-01	0.000E+00	0.000E+00	2.480E-01	3.330E-01	2.250E-02	1.670E-01	0.000E+00	3.530E-01	3.020E-01	2.700E-01	2.470E-01	6.380E-01	2.090E-01	0.000E+00	1.560E-01	4.700E-02	3.830E-01	0.000E+00	3.640E-01	1.230E-01	3.650E-02	1.340E-01	1.380E-01	0.000E+00	3.830E-01	4.050E-01	3.830E-01	3.680E-01	1.330E-01	0.000E+00	0.000E+00	0.000E+00	5.60E-02
HW2S408DB	5.480E-02	8.006E-01	5.360E-01	3.736E-01	0.000E+00	0.000E+00	2.880E-01	3.180E-01	2.250E-02	2.670E-01	0.000E+00	8.620E-01	3.000E-01	3.060E-01	3.405E-01	6.390E-01	2.630E-01	0.000E+00	1.540E-01	8.750E-02	4.180E-01	0.000E+00	4.21E-01	1.005E-01	5.680E-02	2.120E-01	4.360E-01	0.000E+00	4.180E-01	7.610E-01	4.180E-01	3.680E-01	4.960E-01	0.000E+00	0.000E+00	0.000E+00	5.53E-02
HW2S408DE	5.556E-02	8.006E-01	5.360E-01	3.736E-01	0.000E+00	0.000E+00	2.880E-01	0.000E+00	8.610E-01	3.000E-01	3.035E-01	3.405E-01	6.390E-01	2.630E-01	0.000E+00	1.560E-01	8.750E-02	4.180E-01	0.000E+00	4.27E-01	1.005E-01	5.710E-02	2.120E-01	4.360E-01	0.000E+00	4.180E-01	7.610E-01	4.180E-01	3.680E-01	4.960E-01	0.000E+00	0.000E+00	0.000E+00	5.68E-02			
HW2S408FB	4.130E-01	5.120E-01	2.870E-01	2.250E-01	0.000E+00	0.000E+00	2.270E-01	3.180E-01	2.230E-02	1.860E-01	0.000E+00	3.540E-01	1.290E-01	2.630E-01	2.440E-01	2.240E-01	2.090E-01	0.000E+00	1.520E-01	4.880E-02	3.750E-01	0.000E+00	3.580E-01	1.200E-01	3.620E-02	1.340E-01	1.380E-01	0.000E+00	3.750E-01	4.050E-01	3.750E-01	3.610E-01	1.390E-01	0.000E+00	0.000E+00	0.000E+00	5.44E-02
HW2S408FE	4.206E-02	5.140E-01	2.880E-01	3.710E-01	0.000E+00	0.000E+00	2.480E-01	3.330E-01	2.250E-02	1.670E-01	0.000E+00	3.530E-01	3.020E-01	2.700E-01	2.470E-01	6.380E-01	2.090E-01	0.000E+00	1.560E-01	4.700E-02	3.830E-01	0.000E+00	3.640E-01	1.230E-01	3.650E-02	1.340E-01	1.380E-01	0.000E+00	3.830E-01	4.050E-01	3.830E-01	3.680E-01	1.330E-01	0.000E+00	0.000E+00	0.000E+00	5.60E-02
HW2S410DB	5.480E-02	8.006E-01	5.360E-01	3.736E-01	0.000E+00	0.000E+00	2.880E-01	0.000E+00	8.620E-01	3.000E-01	3.060E-01	3.405E-01	6.390E-01	2.630E-01	0.000E+00	1.540E-01	8.750E-02	4.180E-01	0.000E+00	4.21E-01	1.005E-01	5.680E-02	2.120E-01	4.360E-01	0.000E+00	4.180E-01	7.610E-01	4.180E-01	3.680E-01	4.960E-01	0.000E+00	0.000E+00	0.000E+00	5.53E-02			
HW2S410DE	5.556E-02	8.006E-01	5.360E-01	3.736E-01	0.000E+00	0.000E+00	2.880E-01	0.000E+00	8.610E-01	3.000E-01	3.035E-01	3.405E-01	6.390E-01	2.630E-01	0.000E+00	1.560E-01	8.750E-02	4.180E-01	0.000E+00	4.27E-01	1.005E-01	5.710E-02	2.120E-01	4.360E-01	0.000E+00	4.180E-01	7.610E-01	4.180E-01	3.680E-01	4.960E-01	0.000E+00	0.000E+00	0.000E+00	5.68E-02			
HW2S410FB	4.130E-01	5.120E-01	2.870E-01	2.250E-01	0.000E+00	0.000E+00	2.270E-01	3.180E-01	2.230E-02	1.860E-01	0.000E+00	3.540E-01	1.290E-01	2.630E-01	2.440E-01	2.240E-01	2.090E-01	0.000E+00	1.520E-01	4.880E-02	3.750E-01	0.000E+00	3.580E-01	1.200E-01	3.620E-02	1.340E-01	1.380E-01	0.000E+00	3.750E-01	4.050E-01	3.750E-01	3.610E-01	1.390E-01	0.000E+00	0.000E+00	0.000E+00	5.44E-02
HW2S410FE	4.206E-02	5.140E-01	2.880E-01	3.710E-01	0.000E+00	0.000E+00	2.480E-01	3.330E-01	2.250E-02	1.670E-01	0.000E+00	3.530E-01	3.020E-01	2.700E-01	2.470E-01	6.380E-01	2.090E-01	0.000E+00	1.560E-01	4.700E-02	3.830E-01	0.000E+00	3.640E-01	1.230E-01	3.650E-02	1.340E-01	1.380E-01	0.000E+00	3.830E-01	4.050E-01	3.830E-01	3.680E-01	1.330E-01	0.000E+00	0.000E+00	0.000E+00	5.60E-02
HW2S412DB	5.480E-02	8.006E-01	5.360E-01	3.736E-01	0.000E+00	0.000E+00	2.880E-01	0.000E+00	8.620E-01	3.000E-01	3.060E-01	3.405E-01	6.390E-01	2.630E-01	0.000E+00	1.540E-01	8.750E-02	4.180E-01	0.000E+00	4.21E-01	1.005E-01	5.680E-02	2.120E-01	4.360E-01	0.000E+00	4.180E-01	7.610E-01	4.180E-01	3.680E-01	4.960E-01	0.000E+00	0.000E+00	0.000E+00	5.53E-02			
HW2S412DE	5.556E-02	8.006E-01	5.360E-01	3.736E-01	0.000E+00	0.000E+00	2.880E-01	0.000E+00	8.610E-01	3.000E-01	3.035E-01	3.405E-01	6.390E-01	2.630E-01	0.000E+00	1.560E-01	8.750E-02	4.180E-01	0.000E+00	4.27E-01	1.005E-01	5.710E-02	2.120E-01	4.360E-01	0.000E+00	4.180E-01	7.610E-01	4.180E-01	3.680E-01	4.960E-01	0.000E+00	0.000E+00	0.000E+00	5.68E-02			
HW2S412FB	4.130E-01	5.120E-01	2.870E-01	2.250E-01	0.000E+00	0.000E+00	2.270E-01	3.180E-01	2.230E-02	1.860E-01	0.000E+00	3.540E-01	1.290E-01	2.630E-01	2.440E-01	2.240E-01	2.090E-01	0.000E+00	1.520E-01	4.880E-02	3.750E-01	0.000E+00	3.580E-01	1.200E-01	3.620E-02	1.340E-01	1.380E-01	0.000E+00	3.750E-01	4.050E-01	3.750E-01	3.610E-01	1.390E-01	0.000E+00	0.000E+00	0.000E+00	5.44E-02
HW2S412FE	4.206E-02	5.140E-01	2.880E-01	3.710E-01	0.000E+00	0.000E+00	2.480E-01	3.330E-01	2.250E-02	1.670E-01	0.000E+00	3.530E-01	3.020E-01	2.700E-01	2.470E-01	6.380E-01	2.090E-01	0.000E+00	1.560E-01	4.700E-02	3.830E-01	0.000E+00	3.640E-01	1.230E-01	3.650E-02	1.340E-01	1.380E-01	0.000E+00	3.830E-01	4.050E-01	3.830E-01	3.680E-01	1.330E-01	0.000E+00	0.000E+00	0.000E+00	5.60E-02
HW2S416DB	5.480E-02	8.006E-01	5.360E-01	3.736E-01	0.000E+00	0.000E+00	2.880E-01	0.000E+00	8.620E-01	3.000E-01	3.060E-01	3.405E-01	6.390E-01	2.630E-01	0.000E+00	1.540E-01	8.750E-02	4.180E-01	0.000E+00	4.21E-01	1.005E-01	5.680E-02	2.120E-01	4.360E-01	0.000E+00	4.180E-01	7.610E-01	4.180E-01	3.680E-01	4.960E-01	0.000E+00	0.000E+00	0.000E+00	5.53E-02			
HW2S416DE	5.556E-02	8.006E-01	5.360E-01	3.736E-01	0.000E+00	0.000E+00	2.880E-01	0.000E+00	8.610E-01	3.000E-01	3.035E-01	3.405E-01	6.390E-01	2.630E-01	0.000E+00	1.560E-01	8.750E-02	4.180E-01	0.000E+00	4.27E-01	1.005E-01	5.710E-02	2.120E-01	4.360E-01	0.000E+00	4.180E-01	7.610E-01	4.180E-01	3.680E-01	4.960E-01	0.000E+00	0.000E+00	0.000E+00	5.68E-02			
HW2S416FB	4.130E-01	5.120E-01	2.870E-01	2.250E-01	0.000E+00	0.000E+00	2.270E-01	3.180E-01	2.230E-02	1.860E-01	0.000E+00	3.540E-01	1.290E-01	2.630E-01	2.440E-01	2.240E-01	2.090E-01	0.000E+00	1.520E-01	4.880E-02	3.750E-01	0.000E+00	3.580E-01	1.200E-01	3.620E-02	1.340E-01	1.380E-01	0.000E+00	3.750E-01	4.050E-01	3.750E-01	3.610E-01	1.390E-01	0.000E+00	0.000E+00	0.000E+00	5.44E-02
HW2S416FE	4.206E-02	5.140E-01	2.880E-01	3.710E-01	0.000E+00	0.000E+00	2.480E-01	3.330E-01	2.250E-02	1.670E-01	0.000E+00	3.530E-01	3.020E-01	2.700E-01	2.470E-01	6.380E-01	2.090E-01	0.000E+00	1.560E-01	4.700E-02	3.830E-01	0.000E+00	3.640E-01	1.230E-01	3.650E-02	1.340E-01	1.380E-01	0.000E+00	3.830E-01	4.050E-01	3.830E-01	3.680E-01	1.330E-01	0.000E+00	0.000E+00	0.000E+00	5.60E-02
HW2S420DB	5.480E-02	8.006E-01	5.360E-01	3.736E-01	0.000E+00	0.000E+00	2.880E-01	0.000E+00	8.620E-01	3.000E-01	3.060E-01	3.405E-01	6.390E-01	2.630E-01	0.000E+00	1.540E-01	8.750E-02	4.180E-01	0.000E+00	4.21E-01	1.005E-01	5.680E-02	2.120E-01	4.360E-01	0.000E+00	4.180E-01	7.610E-01	4.180E-01	3.680E-01	4.960E-01	0.000E+00	0.000E+00	0.000E+00	5.53E-02			
HW2S420DE	5.556E-02	8.006E-01	5.360E-01	3.736E-01	0.000E+00	0.000E+00	2.880E-01	0.000E+00	8.610E-01	3.000E-01	3.035E-01	3.405E-01	6.390E-01	2.630E-01	0.000E+00	1.560E-01	8.750E-02	4.180E-01	0.000E+00	4.27E-01	1.005E-01	5.710E-02	2.120E-01	4.360E-01	0.000E+00	4.180E-01	7.610E-01	4.180E-01	3.680E-01	4.960E-01	0.000E+00	0.000E+00	0.000E+00	5.68E-02			
HW2S420FB	4.130E-01	5.120E-01	2.870E-01	2.250E-01	0.000E+00	0.000E+00	2.270E-01	3.180E-01	2.230E-02	1.860E-01	0.000E+00	3.540E-01	1.290E-01	2.630E-01	2.440E-01	2.240E-01	2.090E-01	0.000E+00	1.520E-01	4.880E-02	3.750E-01	0.000E+00	3.580E-01	1.200E-01	3.620E-02	1.340E-01	1.380E-01	0.000E+00	3.750E-01	4.050E-01	3.750E-01	3.610E-01	1.390E-01	0.000E+00	0.000E+00	0.000E+00	5.44E-02
HW2S420FE	4.206E-02	5.140E-01	2.880E-01	3.710E-01	0.000E+00	0.000E+00	2.480E-01	3.330E-01	2.250E-02	1.670E-01	0.000E+00	3.530E-01	3.020E-01	2.700E-01	2.470E-01	6.380E-01	2.090E-01	0.000E+00	1.560E-01	4.700E-02	3.830E-01	0.000E+00	3.640E-01	1.230E-01	3.650E-02	1.340E-01	1.380E-01	0.000E+00	3.830E-01	4.050E-01	3.830E-01	3.680E-01	1.330E-01	0.000E+00	0.000E+00	0.000E+00	5.60E-02
HW2S425DB	5.480E-02	8.006E-01	5.360E-01	3.736E-01	0.000E+00	0.000E+00	2.880E-01	0.000E+00	8.620E-01	3.000E-01	3.060E-01	3.405E-01	6.390E-01	2.630E-01	0.000E+00	1.540E-01	8.750E-02	4.180E-01	0.000E+00	4.21E-01	1.005E-01	5.680E-02	2.120E-01	4.360E-01	0.000E+00	4.180E-01	7.610E-01	4.180E-01	3.680E-01	4.960E-01	0.000E+00	0.000E+00	0.000E+00	5.53E-02			
HW2S425FB	4.130E-01	5.120E-01	2.870E-01	2.250E																																	

HW4W425DS	4.85E+02	1.15E+02	6.51E+01	4.59E+01	0.00E+00	0.00E+00	2.05E+01	1.29E+01	2.78E+02	3.25E+01	0.00E+00	4.57E+01	4.17E+01	3.88E+02	3.45E+01	3.28E+01	2.68E+01	0.00E+00	7.47E+01	1.13E+02	2.99E+01	0.00E+00	3.59E+01	2.88E+01	6.71E+02	2.74E+01	8.67E+01	0.00E+00	2.96E+01	-9.90E+01	2.96E+01	2.13E+01	-8.67E+01	0.00E+00	0.00E+00	0.00E+00	2.57E+02
HW4W425FS	3.25E+02	6.59E+01	3.90E+01	2.75E+01	0.00E+00	0.00E+00	1.53E+01	1.27E+01	1.69E+02	1.98E+01	0.00E+00	4.71E+01	3.19E+01	2.14E+02	2.28E+01	3.27E+01	2.14E+01	0.00E+00	7.29E+01	6.21E+01	2.52E+01	0.00E+00	2.81E+01	5.54E+01	4.12E+02	1.51E+01	4.10E+01	0.00E+00	2.92E+01	-5.43E+01	2.52E+01	2.13E+01	-4.10E+01	0.00E+00	0.00E+00	0.00E+00	2.47E+02
HW4W432DS	4.85E+02	1.15E+02	6.51E+01	4.59E+01	0.00E+00	0.00E+00	2.05E+01	1.29E+01	2.78E+02	3.25E+01	0.00E+00	4.57E+01	4.17E+01	3.88E+02	3.45E+01	3.28E+01	2.68E+01	0.00E+00	7.47E+01	1.13E+02	2.99E+01	0.00E+00	3.59E+01	2.88E+01	6.71E+02	2.74E+01	8.67E+01	0.00E+00	2.96E+01	-9.90E+01	2.96E+01	2.13E+01	-8.67E+01	0.00E+00	0.00E+00	0.00E+00	2.57E+02
HW4W432FS	3.25E+02	6.59E+01	3.90E+01	2.75E+01	0.00E+00	0.00E+00	1.53E+01	1.27E+01	1.69E+02	1.98E+01	0.00E+00	4.71E+01	3.19E+01	2.14E+02	2.28E+01	3.27E+01	2.14E+01	0.00E+00	7.29E+01	6.21E+01	2.52E+01	0.00E+00	2.81E+01	5.54E+01	4.12E+02	1.51E+01	4.10E+01	0.00E+00	2.92E+01	-5.43E+01	2.52E+01	2.13E+01	-4.10E+01	0.00E+00	0.00E+00	0.00E+00	2.47E+02
HW4W440DS	4.85E+02	1.15E+02	6.51E+01	4.59E+01	0.00E+00	0.00E+00	2.05E+01	1.29E+01	2.78E+02	3.25E+01	0.00E+00	4.57E+01	4.17E+01	3.88E+02	3.45E+01	3.28E+01	2.68E+01	0.00E+00	7.47E+01	1.13E+02	2.99E+01	0.00E+00	3.59E+01	2.88E+01	6.71E+02	2.74E+01	8.67E+01	0.00E+00	2.96E+01	-9.90E+01	2.96E+01	2.13E+01	-8.67E+01	0.00E+00	0.00E+00	0.00E+00	2.57E+02
HW4W440FS	3.25E+02	6.59E+01	3.90E+01	2.75E+01	0.00E+00	0.00E+00	1.53E+01	1.27E+01	1.69E+02	1.98E+01	0.00E+00	4.71E+01	3.19E+01	2.14E+02	2.28E+01	3.27E+01	2.14E+01	0.00E+00	7.29E+01	6.21E+01	2.52E+01	0.00E+00	2.81E+01	5.54E+01	4.12E+02	1.51E+01	4.10E+01	0.00E+00	2.92E+01	-5.43E+01	2.52E+01	2.13E+01	-4.10E+01	0.00E+00	0.00E+00	0.00E+00	2.47E+02
HW4P4100B	6.66E+02	1.19E+02	7.07E+01	4.82E+01	0.00E+00	0.00E+00	3.06E+01	3.39E+01	3.74E+02	3.44E+01	0.00E+00	4.76E+01	1.41E+02	4.78E+02	4.18E+01	6.82E+01	3.07E+01	0.00E+00	1.45E+01	1.16E+02	4.70E+01	0.00E+00	4.97E+01	9.78E+01	7.27E+02	2.80E+01	7.31E+01	0.00E+00	4.70E+01	-1.02E+01	4.70E+01	3.97E+01	-7.31E+01	0.00E+00	0.00E+00	0.00E+00	5.93E+02
HW4P410DE	6.73E+02	1.19E+02	7.08E+01	4.82E+01	0.00E+00	0.00E+00	3.28E+01	3.49E+01	3.78E+02	3.45E+01	0.00E+00	4.76E+01	1.31E+02	4.84E+02	4.13E+01	6.96E+01	3.07E+01	0.00E+00	1.70E+01	1.16E+02	4.78E+01	0.00E+00	5.03E+01	1.01E+02	7.29E+02	2.81E+01	7.29E+01	0.00E+00	4.78E+01	-1.01E+01	4.78E+01	4.05E+01	-7.29E+01	0.00E+00	0.00E+00	0.00E+00	6.09E+02
HW4P410FB	6.73E+02	1.19E+02	7.08E+01	4.82E+01	0.00E+00	0.00E+00	3.28E+01	3.49E+01	3.78E+02	3.45E+01	0.00E+00	4.76E+01	1.31E+02	4.84E+02	4.13E+01	6.96E+01	3.07E+01	0.00E+00	1.70E+01	1.16E+02	4.78E+01	0.00E+00	5.03E+01	1.01E+02	7.29E+02	2.81E+01	7.29E+01	0.00E+00	4.78E+01	-1.01E+01	4.78E+01	4.05E+01	-7.29E+01	0.00E+00	0.00E+00	0.00E+00	6.09E+02
HW4P410FE	4.53E+02	6.47E+01	3.88E+01	2.78E+01	0.00E+00	0.00E+00	2.56E+01	3.04E+01	2.43E+02	2.03E+01	0.00E+00	4.52E+01	3.02E+01	2.98E+02	2.77E+01	6.20E+01	2.53E+01	0.00E+00	1.45E+01	6.01E+01	3.89E+01	0.00E+00	3.86E+01	1.15E+02	4.38E+02	1.46E+01	2.83E+01	0.00E+00	3.89E+01	-5.21E+01	3.89E+01	3.63E+01	-2.83E+01	0.00E+00	0.00E+00	0.00E+00	5.13E+02
HW4P4120B	6.66E+02	1.19E+02	7.07E+01	4.82E+01	0.00E+00	0.00E+00	3.06E+01	3.39E+01	3.74E+02	3.44E+01	0.00E+00	4.76E+01	1.41E+02	4.78E+02	4.18E+01	6.82E+01	3.07E+01	0.00E+00	1.45E+01	1.16E+02	4.70E+01	0.00E+00	4.97E+01	9.78E+01	7.27E+02	2.80E+01	7.31E+01	0.00E+00	4.70E+01	-1.02E+01	4.70E+01	3.97E+01	-7.31E+01	0.00E+00	0.00E+00	0.00E+00	5.93E+02
HW4P412DE	6.73E+02	1.19E+02	7.08E+01	4.82E+01	0.00E+00	0.00E+00	3.28E+01	3.49E+01	3.78E+02	3.45E+01	0.00E+00	4.76E+01	1.31E+02	4.84E+02	4.13E+01	6.96E+01	3.07E+01	0.00E+00	1.70E+01	1.16E+02	4.78E+01	0.00E+00	5.03E+01	1.01E+02	7.29E+02	2.81E+01	7.29E+01	0.00E+00	4.78E+01	-1.01E+01	4.78E+01	4.05E+01	-7.29E+01	0.00E+00	0.00E+00	0.00E+00	6.09E+02
HW4P412FB	6.73E+02	1.19E+02	7.08E+01	4.82E+01	0.00E+00	0.00E+00	3.28E+01	3.49E+01	3.78E+02	3.45E+01	0.00E+00	4.76E+01	1.31E+02	4.84E+02	4.13E+01	6.96E+01	3.07E+01	0.00E+00	1.70E+01	1.16E+02	4.78E+01	0.00E+00	5.03E+01	1.01E+02	7.29E+02	2.81E+01	7.29E+01	0.00E+00	4.78E+01	-1.01E+01	4.78E+01	4.05E+01	-7.29E+01	0.00E+00	0.00E+00	0.00E+00	6.09E+02
HW4P412FE	4.53E+02	6.47E+01	3.88E+01	2.78E+01	0.00E+00	0.00E+00	2.56E+01	3.04E+01	2.43E+02	2.03E+01	0.00E+00	4.52E+01	3.02E+01	2.98E+02	2.77E+01	6.20E+01	2.53E+01	0.00E+00	1.45E+01	6.01E+01	3.89E+01	0.00E+00	3.86E+01	1.15E+02	4.38E+02	1.46E+01	2.83E+01	0.00E+00	3.89E+01	-5.21E+01	3.89E+01	3.63E+01	-2.83E+01	0.00E+00	0.00E+00	0.00E+00	5.13E+02
HW4P4160B	6.66E+02	1.19E+02	7.07E+01	4.82E+01	0.00E+00	0.00E+00	3.06E+01	3.39E+01	3.74E+02	3.44E+01	0.00E+00	4.76E+01	1.41E+02	4.78E+02	4.18E+01	6.82E+01	3.07E+01	0.00E+00	1.45E+01	1.16E+02	4.70E+01	0.00E+00	4.97E+01	9.78E+01	7.27E+02	2.80E+01	7.31E+01	0.00E+00	4.70E+01	-1.02E+01	4.70E+01	3.97E+01	-7.31E+01	0.00E+00	0.00E+00	0.00E+00	5.93E+02
HW4P416DE	6.73E+02	1.19E+02	7.08E+01	4.82E+01	0.00E+00	0.00E+00	3.28E+01	3.49E+01	3.78E+02	3.45E+01	0.00E+00	4.76E+01	1.31E+02	4.84E+02	4.13E+01	6.96E+01	3.07E+01	0.00E+00	1.70E+01	1.16E+02	4.78E+01	0.00E+00	5.03E+01	1.01E+02	7.29E+02	2.81E+01	7.29E+01	0.00E+00	4.78E+01	-1.01E+01	4.78E+01	4.05E+01	-7.29E+01	0.00E+00	0.00E+00	0.00E+00	6.09E+02
HW4P416FB	6.73E+02	1.19E+02	7.08E+01	4.82E+01	0.00E+00	0.00E+00	3.28E+01	3.49E+01	3.78E+02	3.45E+01	0.00E+00	4.76E+01	1.31E+02	4.84E+02	4.13E+01	6.96E+01	3.07E+01	0.00E+00	1.70E+01	1.16E+02	4.78E+01	0.00E+00	5.03E+01	1.01E+02	7.29E+02	2.81E+01	7.29E+01	0.00E+00	4.78E+01	-1.01E+01	4.78E+01	4.05E+01	-7.29E+01	0.00E+00	0.00E+00	0.00E+00	6.09E+02
HW4P416FE	4.53E+02	6.47E+01	3.88E+01	2.78E+01	0.00E+00	0.00E+00	2.56E+01	3.04E+01	2.43E+02	2.03E+01	0.00E+00	4.52E+01	3.02E+01	2.98E+02	2.77E+01	6.20E+01	2.53E+01	0.00E+00	1.45E+01	6.01E+01	3.89E+01	0.00E+00	3.86E+01	1.15E+02	4.38E+02	1.46E+01	2.83E+01	0.00E+00	3.89E+01	-5.21E+01	3.89E+01	3.63E+01	-2.83E+01	0.00E+00	0.00E+00	0.00E+00	5.13E+02
HW4P4200B	6.66E+02	1.19E+02	7.07E+01	4.82E+01	0.00E+00	0.00E+00	3.06E+01	3.39E+01	3.74E+02	3.44E+01	0.00E+00	4.76E+01	1.41E+02	4.78E+02	4.18E+01	6.82E+01	3.07E+01	0.00E+00	1.45E+01	1.16E+02	4.70E+01	0.00E+00	4.97E+01	9.78E+01	7.27E+02	2.80E+01	7.31E+01	0.00E+00	4.70E+01	-1.02E+01	4.70E+01	3.97E+01	-7.31E+01	0.00E+00	0.00E+00	0.00E+00	5.93E+02
HW4P420FB	6.73E+02	1.19E+02	7.08E+01	4.82E+01	0.00E+00	0.00E+00	3.28E+01	3.49E+01	3.78E+02	3.45E+01	0.00E+00	4.76E+01	1.31E+02	4.84E+02	4.13E+01	6.96E+01	3.07E+01	0.00E+00	1.70E+01	1.16E+02	4.78E+01	0.00E+00	5.03E+01	1.01E+02	7.29E+02	2.81E+01	7.29E+01	0.00E+00	4.78E+01	-1.01E+01	4.78E+01	4.05E+01	-7.29E+01	0.00E+00	0.00E+00	0.00E+00	6.09E+02
HW4P420FE	4.53E+02	6.47E+01	3.88E+01	2.78E+01	0.00E+00	0.00E+00	2.56E+01	3.04E+01	2.43E+02	2.03E+01	0.00E+00	4.52E+01	3.02E+01	2.98E+02	2.77E+01	6.20E+01	2.53E+01	0.00E+00	1.45E+01	6.01E+01	3.89E+01	0.00E+00	3.86E+01	1.15E+02	4.38E+02	1.46E+01	2.83E+01	0.00E+00	3.89E+01	-5.21E+01	3.89E+01	3.63E+01	-2.83E+01	0.00E+00	0.00E+00	0.00E+00	5.13E+02
HW4P4250B	6.66E+02	1.19E+02	7.07E+01	4.82E+01	0.00E+00	0.00E+00	3.06E+01	3.39E+01	3.74E+02	3.44E+01	0.00E+00	4.76E+01	1.41E+02	4.78E+02	4.18E+01	6.82E+01	3.07E+01	0.00E+00	1.45E+01	1.16E+02	4.70E+01	0.00E+00	4.97E+01	9.78E+01	7.27E+02	2.80E+01	7.31E+01	0.00E+00	4.70E+01	-1.02E+01	4.70E+01	3.97E+01	-7.31E+01	0.00E+00	0.00E+00	0.00E+00	5.93E+02
HW4P425FB	6.73E+02	1.19E+02	7.08E+01	4.82E+01	0.00E+00	0.00E+00	3.28E+01	3.49E+01	3.78E+02	3.45E+01	0.00E+00	4.76E+01	1.31E+02	4.84E+02	4.13E+01	6.96E+01	3.07E+01	0.00E+00	1.70E+01	1.16E+02	4.78E+01	0.00E+00	5.03E+01	1.01E+02	7.29E+02	2.81E+01	7.29E+01	0.00E+00	4.78E+01	-1.01E+01	4.78E+01	4.05E+01	-7.29E+01	0.00E+00	0.00E+00	0.00E+00	6.09E+02
HW4P425FE	4.53E+02	6.47E+01	3.88E+01	2.78E+01	0.00E+00	0.00E+00	2.56E+01	3.04E+01	2.43E+02	2.03E+01	0.00E+00	4.52E+01	3.02E+01	2.98E+02	2.77E+01	6.20E+01	2.53E+01	0.00E+00	1.45E+01	6.01E+01	3.89E+01	0.00E+00	3.86E+01	1.15E+02	4.38E+02	1.46E+01	2.83E+01	0.00E+00	3.89E+01	-5.21E+01	3.89E+01	3.63E+01	-2.83E+01	0.00E+00	0.00E+00	0.00E+00	5.13E+02
HW4P4300B	6.66E+02	1.19E+02	7.07E+01	4.82E+01	0.00E+00	0.00E+00	3.06E+01	3.39E+01	3.74E+02	3.44E+01	0.00E+00	4.76E+01	1.41E+02	4.78E+02	4.18E+01	6.82E+01	3.07E+01	0.00E+00	1.45E+01	1.16E+02	4.70E+01	0.00E+00	4.97E+01	9.78E+01	7.27E+02	2.80E+01	7.31E+01	0.00E+00	4.70E+01	-1.02E+01	4.70E+01	3.97E+01	-7.31E+01	0.0			

HW4S420DE	6.73E-02	1.13E-03	7.70E-03	4.82E-03	0.00E+00	0.00E+00	3.28E+03	3.49E-03	3.78E-03	3.45E-03	0.00E+00	-8.74E+00	3.18E-03	4.84E-07	4.13E-03	8.96E+00	3.07E-04	0.00E+00	1.70E-03	1.16E-02	4.78E-03	0.00E+00	5.03E-07	1.63E-07	7.29E-02	2.81E-03	-7.26E+00	0.00E+00	4.78E-03	4.05E-03	7.24E+00	0.00E+00	0.00E+00	6.09E-02		
HW4S420FB	4.78E-02	6.49E-03	3.86E-03	2.79E+03	0.00E+00	0.00E+00	2.50E+03	3.36E-03	2.56E-02	2.95E-03	0.00E+00	-4.52E+00	1.33E-03	3.08E-07	2.87E-03	8.79E+00	2.53E-04	0.00E+00	1.63E-03	5.98E+03	4.22E-03	0.00E+00	4.30E-07	1.29E-07	4.44E-03	1.45E-03	-2.32E+00	0.00E+00	4.22E-03	-5.17E-04	4.22E+03	3.99E+03	-2.32E+00	0.00E+00	0.00E+00	5.81E-02
HW4S420FE	4.53E-02	6.47E-03	3.86E-03	2.79E+03	0.00E+00	0.00E+00	2.50E+03	3.04E-03	2.43E-02	2.93E-03	0.00E+00	-4.52E+00	3.02E-03	2.96E-07	2.77E-03	8.20E+00	2.53E-04	0.00E+00	1.45E-03	6.02E-03	3.99E+03	0.00E+00	3.86E-07	1.15E-07	4.36E-03	1.45E-03	-2.03E+00	0.00E+00	3.86E+03	-5.21E-04	3.86E+03	3.63E+03	-2.81E+00	0.00E+00	0.00E+00	5.13E-02
HW4S425DB	6.66E-02	1.13E-03	7.70E-03	4.81E-03	0.00E+00	0.00E+00	3.06E+03	3.35E-03	2.74E-02	3.44E-03	0.00E+00	-8.75E+00	1.43E-03	4.76E-07	4.18E-03	8.62E+00	3.07E-04	0.00E+00	1.85E-03	1.16E-02	4.77E-03	0.00E+00	4.97E-07	9.79E+00	7.27E-02	2.80E-03	-7.31E+00	0.00E+00	4.70E-03	-1.01E-03	4.77E-03	3.97E-03	-7.31E+00	0.00E+00	0.00E+00	5.93E-02
HW4S425DE	6.73E-02	1.13E-03	7.70E-03	4.82E-03	0.00E+00	0.00E+00	3.27E+03	3.49E-03	3.78E-03	3.45E-03	0.00E+00	-8.74E+00	3.18E-03	4.84E-07	4.13E-03	8.96E+00	3.07E-04	0.00E+00	1.69E-03	1.16E-02	4.78E-03	0.00E+00	5.03E-07	1.63E-07	7.29E-02	2.81E-03	-7.26E+00	0.00E+00	4.77E+03	-1.01E-03	4.77E+03	4.05E+03	7.24E+00	0.00E+00	0.00E+00	6.09E-02
HW4S425FB	4.78E-02	6.49E-03	3.86E-03	2.79E+03	0.00E+00	0.00E+00	2.50E+03	3.36E-03	2.56E-02	2.95E-03	0.00E+00	-4.52E+00	1.33E-03	3.08E-07	2.87E-03	8.79E+00	2.53E-04	0.00E+00	1.63E-03	5.98E+03	4.22E-03	0.00E+00	4.30E-07	1.29E-07	4.44E-03	1.45E-03	-2.32E+00	0.00E+00	4.22E+03	-5.17E-04	4.22E+03	3.99E+03	-2.32E+00	0.00E+00	0.00E+00	5.81E-02
HW4S425FE	4.53E-02	6.47E-03	3.86E-03	2.79E+03	0.00E+00	0.00E+00	2.50E+03	3.04E-03	2.43E-02	2.93E-03	0.00E+00	-4.52E+00	3.02E-03	2.96E-07	2.77E-03	8.20E+00	2.53E-04	0.00E+00	1.45E-03	6.02E-03	3.99E+03	0.00E+00	3.86E-07	1.15E-07	4.36E-03	1.45E-03	-2.03E+00	0.00E+00	3.86E+03	-5.21E-04	3.86E+03	3.63E+03	-2.81E+00	0.00E+00	0.00E+00	5.13E-02
HW4S432DB	2.52E+00	1.39E-03	2.43E+03	1.13E-02	0.00E+00	0.00E+00	1.48E+03	2.76E-03	1.69E-02	1.24E+00	0.00E+00	-2.00E+00	2.76E-07	1.86E-03	7.41E-02	4.88E+02	3.07E-04	0.00E+00	1.24E+03	2.79E+03	1.65E+03	0.00E+00	1.24E-05	7.33E-04	4.42E+03	8.86E-04	2.13E+03	0.00E+00	1.65E+03	-4.51E-03	1.65E+03	1.87E+03	2.13E+03	0.00E+00	0.00E+00	4.58E-04
HW4S432DE	2.52E+00	1.39E-03	2.44E+03	1.13E-02	0.00E+00	0.00E+00	1.49E+03	2.76E-03	1.69E-02	1.24E+00	0.00E+00	-2.00E+00	2.83E-07	1.86E-03	7.41E-02	4.88E+02	3.07E-04	0.00E+00	1.24E+03	2.79E+03	1.65E+03	0.00E+00	1.24E-05	7.33E-04	4.42E+03	8.86E-04	2.13E+03	0.00E+00	1.65E+03	-4.51E-03	1.65E+03	1.87E+03	2.13E+03	0.00E+00	0.00E+00	4.58E-04
HW4S432FB	9.36E-01	7.17E-03	1.47E+03	5.70E+03	0.00E+00	0.00E+00	6.64E-02	1.25E-03	3.98E-03	5.93E-03	0.00E+00	-1.44E-02	1.13E-03	6.86E-08	3.48E-03	1.96E+02	2.53E-04	0.00E+00	1.42E+03	1.93E+03	1.43E+03	0.00E+00	1.42E-07	9.78E+00	8.00E+00	2.29E-03	-5.83E+00	0.00E+00	4.02E+03	-8.25E-04	4.02E+03	3.43E+03	5.83E+00	0.00E+00	0.00E+00	1.94E-04
HW4S312DB	5.51E-02	6.72E-03	5.77E-03	3.95E+03	0.00E+00	0.00E+00	2.58E+03	2.88E-03	3.07E-02	2.84E-03	0.00E+00	-7.13E+00	1.33E-03	3.91E-07	3.44E-03	5.83E+00	3.03E-04	0.00E+00	1.42E-03	9.42E-03	4.02E-03	0.00E+00	4.21E-07	8.78E+00	8.00E+00	2.29E-03	-5.83E+00	0.00E+00	4.02E+03	-8.25E-04	4.02E+03	3.43E+03	5.83E+00	0.00E+00	0.00E+00	5.11E-02
HW4S312DE	5.22E-02	6.74E-03	5.78E-03	3.95E+03	0.00E+00	0.00E+00	2.62E+03	2.90E-03	3.02E-03	2.82E-03	0.00E+00	-7.14E+00	3.02E-03	3.77E-07	3.34E-03	5.13E+00	3.03E-04	0.00E+00	1.22E+03	9.46E+03	4.02E-03	0.00E+00	4.21E-07	8.78E+00	8.00E+00	2.29E-03	-5.83E+00	0.00E+00	4.02E+03	-8.25E-04	4.02E+03	3.43E+03	5.83E+00	0.00E+00	0.00E+00	4.30E-02
HW4S312FB	3.96E-02	5.29E-03	2.93E+03	2.27E+03	0.00E+00	0.00E+00	2.11E+03	2.90E-03	2.13E-02	1.67E-03	0.00E+00	-3.61E+00	1.22E-03	2.50E-07	2.39E-03	5.82E+00	2.49E-04	0.00E+00	1.40E+03	4.78E+03	3.62E-03	0.00E+00	3.49E-07	7.13E+00	8.00E+00	2.29E-03	-5.83E+00	0.00E+00	3.62E+03	-4.12E-04	3.62E+03	3.45E+03	1.64E+00	0.00E+00	0.00E+00	5.93E-02
HW4S312FE	3.67E-02	5.22E-03	2.93E+03	2.27E+03	0.00E+00	0.00E+00	2.11E+03	2.90E-03	2.13E-02	1.67E-03	0.00E+00	-3.61E+00	1.22E-03	2.50E-07	2.39E-03	5.82E+00	2.49E-04	0.00E+00	1.40E+03	4.78E+03	3.62E-03	0.00E+00	3.49E-07	7.13E+00	8.00E+00	2.29E-03	-5.83E+00	0.00E+00	3.62E+03	-4.12E-04	3.62E+03	3.45E+03	1.64E+00	0.00E+00	0.00E+00	5.93E-02
HW4S316DE	5.22E-02	6.74E-03	5.78E-03	3.95E+03	0.00E+00	0.00E+00	2.62E+03	2.90E-03	3.02E-03	2.82E-03	0.00E+00	-7.14E+00	3.02E-03	3.77E-07	3.34E-03	5.13E+00	3.03E-04	0.00E+00	1.22E+03	9.46E+03	4.02E-03	0.00E+00	4.21E-07	8.78E+00	8.00E+00	2.29E-03	-5.83E+00	0.00E+00	4.02E+03	-8.25E-04	4.02E+03	3.43E+03	5.83E+00	0.00E+00	0.00E+00	4.30E-02
HW4S316FB	3.96E-02	5.29E-03	2.93E+03	2.27E+03	0.00E+00	0.00E+00	2.11E+03	2.90E-03	2.13E-02	1.67E-03	0.00E+00	-3.61E+00	1.22E-03	2.50E-07	2.39E-03	5.82E+00	2.49E-04	0.00E+00	1.40E+03	4.78E+03	3.62E-03	0.00E+00	3.49E-07	7.13E+00	8.00E+00	2.29E-03	-5.83E+00	0.00E+00	3.62E+03	-4.12E-04	3.62E+03	3.45E+03	1.64E+00	0.00E+00	0.00E+00	5.93E-02
HW4S316FE	3.67E-02	5.22E-03	2.93E+03	2.27E+03	0.00E+00	0.00E+00	2.11E+03	2.90E-03	2.13E-02	1.67E-03	0.00E+00	-3.61E+00	1.22E-03	2.50E-07	2.39E-03	5.82E+00	2.49E-04	0.00E+00	1.40E+03	4.78E+03	3.62E-03	0.00E+00	3.49E-07	7.13E+00	8.00E+00	2.29E-03	-5.83E+00	0.00E+00	3.62E+03	-4.12E-04	3.62E+03	3.45E+03	1.64E+00	0.00E+00	0.00E+00	5.93E-02
HW4S320DB	5.51E-02	6.72E-03	5.77E-03	3.95E+03	0.00E+00	0.00E+00	2.58E+03	2.88E-03	3.07E-02	2.84E-03	0.00E+00	-7.13E+00	1.33E-03	3.91E-07	3.44E-03	5.83E+00	3.03E-04	0.00E+00	1.42E+03	9.42E+03	4.02E-03	0.00E+00	4.21E-07	8.78E+00	8.00E+00	2.29E-03	-5.83E+00	0.00E+00	4.02E+03	-8.25E-04	4.02E+03	3.43E+03	5.83E+00	0.00E+00	0.00E+00	5.11E-02
HW4S320DE	5.22E-02	6.74E-03	5.78E-03	3.95E+03	0.00E+00	0.00E+00	2.62E+03	2.90E-03	3.02E-03	2.82E-03	0.00E+00	-7.14E+00	3.02E-03	3.77E-07	3.34E-03	5.13E+00	3.03E-04	0.00E+00	1.22E+03	9.46E+03	4.02E-03	0.00E+00	4.21E-07	8.78E+00	8.00E+00	2.29E-03	-5.83E+00	0.00E+00	4.02E+03	-8.25E-04	4.02E+03	3.43E+03	5.83E+00	0.00E+00	0.00E+00	4.30E-02
HW4S320FB	3.96E-02	5.29E-03	2.93E+03	2.27E+03	0.00E+00	0.00E+00	2.11E+03	2.90E-03	2.13E-02	1.67E-03	0.00E+00	-3.61E+00	1.22E-03	2.50E-07	2.39E-03	5.82E+00	2.49E-04	0.00E+00	1.40E+03	4.78E+03	3.62E-03	0.00E+00	3.49E-07	7.13E+00	8.00E+00	2.29E-03	-5.83E+00	0.00E+00	3.62E+03	-4.12E-04	3.62E+03	3.45E+03	1.64E+00	0.00E+00	0.00E+00	5.93E-02
HW4S320FE	3.67E-02	5.22E-03	2.93E+03	2.27E+03	0.00E+00	0.00E+00	2.11E+03	2.90E-03	2.13E-02	1.67E-03	0.00E+00	-3.61E+00	1.22E-03	2.50E-07	2.39E-03	5.82E+00	2.49E-04	0.00E+00	1.40E+03	4.78E+03	3.62E-03	0.00E+00	3.49E-07	7.13E+00	8.00E+00	2.29E-03	-5.83E+00	0.00E+00	3.62E+03	-4.12E-04	3.62E+03	3.45E+03	1.64E+00	0.00E+00	0.00E+00	5.93E-02
HW4S325DB	5.51E-02	6.72E-03	5.77E-03	3.95E+03	0.00E+00	0.00E+00	2.58E+03	2.88E-03	3.07E-02	2.84E-03	0.00E+00	-7.13E+00	1.33E-03	3.91E-07	3.44E-03	5.83E+00	3.03E-04	0.00E+00	1.42E+03	9.42E+03	4.02E-03	0.00E+00	4.21E-07	8.78E+00	8.00E+00	2.29E-03	-5.83E+00	0.00E+00	4.02E+03	-8.25E-04	4.02E+03	3.43E+03	5.83E+00	0.00E+00	0.00E+00	5.11E-02
HW4S325DE	5.22E-02	6.74E-03	5.78E-03	3.95E+03	0.00E+00	0.00E+00	2.62E+03	2.90E-03	3.02E-03	2.82E-03	0.00E+00	-7.14E+00	3.02E-03	3.77E-07	3.34E-03	5.13E+00	3.03E-04	0.00E+00	1.22E+03	9.46E+03	4.02E-03	0.00E+00	4.21E-07	8.78E+00	8.00E+00	2.29E-03	-5.83E+00	0.00E+00	4.02E+03	-8.25E-04	4.02E+03	3.43E+03	5.83E+00	0.00E+00	0.00E+00	4.30E-02
HW4S325FB	3.96E-02	5.29E-03	2.93E+03	2.27E+03	0.00E+00	0.00E+00	2.11E+03	2.90E-03	2.13E-02	1.67E-03	0.00E+00	-3.61E+00	1.22E-03	2.50E-07	2.39E-03	5.82E+00	2.49E-04	0.00E+00	1.40E+03	4.78E+03	3.62E-03	0.00E+00	3.49E-07	7.13E+00	8.00E+00	2.29E-03	-5.83E+00	0.00E+00	3.62E+03	-4.12E-04	3.62E+03	3.45E+03	1.64E+00	0.00E+00	0.00E+00	5.93E-02
HW4S325FE	3.67E-02	5.22E-03	2.93E+03	2.27E+03	0.00E+00	0.00E+00	2.11E+03	2.90E-03	2.13E-02	1.67E-03	0.00E+00	-3.61E+00	1.22E-03	2.50E-07	2.39E-03	5.82E+00	2.49E-04	0.00E+00	1.40E+03	4.78E+03	3.62E-03	0.00E+00	3.49E-07	7.13E+00	8.00E+00	2.29E-03	-5.83E+00	0.00E+00	3.62E+03	-4.12E-04	3.62E+03	3.45E+03	1.64E+00	0.00E+00	0.00E+00	5.93E-02
HW4S332DB	1.92E+00	1.11E-03	1.89E+03	9.22E+03	0.00E+00	0.00E+00	1.19E+03	2.22E-03	1.27E+00	9.85E-03	0.00E+00	-1.62E+00	2.21E-07	1.44E-03	5.96E+00	3.80E+02	3.03E-04	0.00E+00	8.80E+02	2.15E+03	1.13E+03</															

HW4E416FE	4.53E-02	6.47E-03	3.88E-03	2.79E-03	0.00E+00	0.00E+00	3.04E-03	2.43E-03	2.03E-03	0.00E+00	-4.52E-04	3.02E-03	2.96E-07	2.77E-03	8.20E-04	2.58E-04	0.00E+00	1.45E-03	6.02E-03	3.89E-03	0.00E+00	3.86E-07	1.15E-07	4.36E-02	1.46E-03	-2.63E-03	0.00E+00	3.89E-03	-5.21E-04	3.86E-03	5.63E-03	2.63E-04	0.00E+00	0.00E+00	0.00E+00	5.13E-02		
HW4E420DB	6.66E-02	1.13E-02	7.87E-03	4.83E-03	0.00E+00	0.00E+00	3.06E-03	3.35E-03	3.74E-03	3.44E-03	0.00E+00	-8.75E-04	1.42E-03	4.78E-07	4.18E-03	8.62E-04	3.07E-04	0.00E+00	1.65E-03	1.36E-02	4.70E-03	0.00E+00	4.97E-07	9.79E-08	7.27E-02	2.80E-03	-7.31E-04	0.00E+00	4.70E-03	-1.03E-03	4.76E-03	3.37E-03	-7.31E-04	0.00E+00	0.00E+00	0.00E+00	5.93E-02	
HW4E420DE	6.75E-02	1.13E-02	7.88E-03	4.83E-03	0.00E+00	0.00E+00	3.28E-03	3.46E-03	3.78E-03	3.45E-03	0.00E+00	-8.74E-04	1.31E-03	4.84E-07	4.19E-03	8.96E-04	3.07E-04	0.00E+00	1.70E-03	1.38E-02	4.78E-03	0.00E+00	5.05E-07	1.03E-07	7.29E-02	2.82E-03	-7.28E-04	0.00E+00	4.78E-03	-1.03E-03	4.78E-03	4.05E-03	-7.28E-04	0.00E+00	0.00E+00	0.00E+00	6.06E-02	
HW4E420FB	4.78E-02	6.48E-03	3.88E-03	2.79E-03	0.00E+00	0.00E+00	2.50E-03	3.36E-03	2.56E-02	2.05E-03	0.00E+00	-4.52E-04	1.31E-03	3.08E-07	2.87E-03	8.79E-04	2.53E-04	0.00E+00	1.82E-03	5.96E-03	4.20E-03	0.00E+00	4.30E-07	1.29E-07	4.44E-02	1.45E-03	-2.62E-03	0.00E+00	4.22E-03	-5.17E-04	4.22E-03	3.86E-03	-2.32E-04	0.00E+00	0.00E+00	0.00E+00	5.83E-02	
HW4E420FE	4.53E-02	6.47E-03	3.88E-03	2.79E-03	0.00E+00	0.00E+00	2.58E-03	3.35E-03	2.56E-02	2.03E-03	0.00E+00	-4.52E-04	3.02E-03	2.96E-07	2.77E-03	8.20E-04	2.58E-04	0.00E+00	1.45E-03	6.02E-03	3.89E-03	0.00E+00	3.86E-07	1.15E-07	4.36E-02	1.46E-03	-2.63E-03	0.00E+00	3.89E-03	-5.21E-04	3.86E-03	5.63E-03	2.63E-04	0.00E+00	0.00E+00	0.00E+00	5.13E-02	
HW4E425DB	6.66E-02	1.13E-02	7.87E-03	4.83E-03	0.00E+00	0.00E+00	3.06E-03	3.35E-03	3.74E-03	3.44E-03	0.00E+00	-8.75E-04	1.42E-03	4.78E-07	4.18E-03	8.62E-04	3.07E-04	0.00E+00	1.65E-03	1.36E-02	4.70E-03	0.00E+00	4.97E-07	9.79E-08	7.27E-02	2.80E-03	-7.31E-04	0.00E+00	4.70E-03	-1.03E-03	4.76E-03	3.37E-03	-7.31E-04	0.00E+00	0.00E+00	0.00E+00	5.93E-02	
HW4E425DE	6.75E-02	1.13E-02	7.88E-03	4.83E-03	0.00E+00	0.00E+00	3.27E-03	3.46E-03	3.78E-03	3.45E-03	0.00E+00	-8.74E-04	1.31E-03	4.84E-07	4.19E-03	8.96E-04	3.07E-04	0.00E+00	1.69E-03	1.38E-02	4.77E-03	0.00E+00	5.02E-07	1.03E-07	7.29E-02	2.82E-03	-7.28E-04	0.00E+00	4.77E-03	-1.03E-03	4.77E-03	4.05E-03	-7.28E-04	0.00E+00	0.00E+00	0.00E+00	6.06E-02	
HW4E425FB	4.78E-02	6.48E-03	3.88E-03	2.79E-03	0.00E+00	0.00E+00	2.50E-03	3.36E-03	2.56E-02	2.05E-03	0.00E+00	-4.52E-04	1.31E-03	3.08E-07	2.87E-03	8.79E-04	2.53E-04	0.00E+00	1.82E-03	5.96E-03	4.22E-03	0.00E+00	4.30E-07	1.29E-07	4.44E-02	1.45E-03	-2.62E-03	0.00E+00	4.22E-03	-5.17E-04	4.22E-03	3.86E-03	-2.32E-04	0.00E+00	0.00E+00	0.00E+00	5.83E-02	
HW4E425FE	4.53E-02	6.47E-03	3.88E-03	2.79E-03	0.00E+00	0.00E+00	2.58E-03	3.35E-03	2.56E-02	2.03E-03	0.00E+00	-4.52E-04	3.02E-03	2.96E-07	2.77E-03	8.20E-04	2.58E-04	0.00E+00	1.45E-03	6.02E-03	3.89E-03	0.00E+00	3.86E-07	1.15E-07	4.36E-02	1.46E-03	-2.63E-03	0.00E+00	3.89E-03	-5.21E-04	3.86E-03	5.63E-03	2.63E-04	0.00E+00	0.00E+00	0.00E+00	5.13E-02	
HWY001H	1.46E-01	2.73E-03	2.14E-03	2.51E-03	0.00E+00	0.00E+00	3.74E-03	6.86E-03	6.24E-03	2.96E-02	0.00E+00	8.33E-03	1.68E-03	6.67E-07	1.51E-03	4.14E-03	0.00E+00	0.00E+00	3.19E-03	3.79E-04	3.68E-03	4.97E-03	0.00E+00	2.05E-07	1.22E-07	2.71E-02	5.57E-03	4.07E-03	4.07E-03	5.57E-03	4.07E-03	4.07E-03	0.00E+00	0.00E+00	0.00E+00	1.29E-03		
HWY002H	1.16E-01	3.55E-04	2.75E-03	3.27E-03	0.00E+00	0.00E+00	4.90E-03	8.76E-03	8.17E-03	3.86E-02	0.00E+00	1.06E-03	9.15E-03	8.81E-07	2.23E-03	1.95E-03	0.00E+00	0.00E+00	4.46E-03	4.97E-04	5.52E-03	0.00E+00	4.10E-07	2.68E-07	1.59E-02	3.54E-07	7.83E-04	0.00E+00	5.52E-03	2.83E-04	5.52E-03	6.10E-03	7.83E-04	0.00E+00	0.00E+00	0.00E+00	1.69E-03	
HWY005H	3.05E-03	3.84E-02	2.07E-04	1.53E-03	0.00E+00	0.00E+00	5.59E-04	9.51E-04	1.00E-03	1.17E-02	0.00E+00	-2.55E-01	8.83E-02	2.75E-08	3.40E-02	8.80E-02	0.00E+00	0.00E+00	3.32E-03	3.36E-02	5.86E-04	0.00E+00	4.50E-08	1.57E-08	8.62E-03	8.81E-05	2.81E-04	0.00E+00	5.86E-04	-2.83E-05	5.86E-04	5.94E-04	2.81E-05	0.00E+00	0.00E+00	0.00E+00	1.17E-02	
HWY006H	4.06E-03	4.81E-02	2.76E-04	2.05E-03	0.00E+00	0.00E+00	7.05E-04	1.30E-03	1.33E-03	1.56E-02	0.00E+00	-4.46E-01	1.18E-01	2.70E-08	4.53E-02	1.17E-01	0.00E+00	0.00E+00	4.42E-03	4.46E-02	6.57E-04	0.00E+00	4.75E-08	0.00E+00	6.00E-08	2.09E-08	4.68E-04	1.06E-04	3.40E-04	0.00E+00	5.57E-04	-3.78E-05	5.57E-04	7.92E-04	2.81E-05	0.00E+00	0.00E+00	1.57E-02
HWY040H	1.12E-01	3.12E-04	2.56E-04	2.89E-04	0.00E+00	0.00E+00	4.30E-03	7.62E-03	7.03E-03	3.42E-02	0.00E+00	8.79E-03	8.14E-03	8.84E-07	2.17E-03	1.81E-03	0.00E+00	0.00E+00	4.28E-03	4.28E-04	4.73E-03	0.00E+00	3.61E-07	2.44E-07	1.46E-02	2.96E-07	7.10E-04	0.00E+00	6.47E-03	1.86E-04	5.52E-03	6.10E-03	7.10E-04	0.00E+00	0.00E+00	0.00E+00	1.53E-03	
HWY041H	1.46E-01	4.14E-02	3.42E-03	3.80E-03	0.00E+00	0.00E+00	3.76E-04	1.01E-04	1.06E-01	4.57E-02	0.00E+00	1.17E-01	1.06E-01	1.18E-06	2.93E-01	1.42E-01	0.00E+00	0.00E+00	5.14E-03	5.16E-04	6.72E-03	0.00E+00	6.45E-07	3.26E-07	1.95E-02	3.66E-07	9.46E-04	0.00E+00	6.27E-03	2.24E-04	6.22E-03	7.17E-03	9.46E-04	0.00E+00	0.00E+00	0.00E+00	2.04E-03	
HWY044H	9.25E-02	2.59E-04	2.22E-03	2.35E-04	0.00E+00	0.00E+00	3.54E-03	6.24E-02	6.66E-02	2.82E-02	0.00E+00	7.15E-03	6.75E-03	7.05E-07	1.58E-03	1.56E-03	0.00E+00	0.00E+00	3.35E-03	3.42E-04	3.94E-03	0.00E+00	2.57E-07	2.03E-07	2.21E-02	2.44E-07	5.89E-04	0.00E+00	3.84E-03	1.25E-04	3.94E-03	4.43E-03	5.89E-04	0.00E+00	0.00E+00	0.00E+00	1.71E-03	
HWY045H	9.25E-02	3.41E-04	2.82E-03	3.13E-04	0.00E+00	0.00E+00	4.72E-03	8.32E-02	8.80E-02	3.76E-02	0.00E+00	9.54E-03	8.94E-03	9.46E-07	2.11E-03	2.08E-03	0.00E+00	0.00E+00	4.47E-03	4.56E-04	5.12E-03	0.00E+00	3.94E-07	2.89E-07	1.61E-02	3.26E-07	7.82E-04	0.00E+00	5.12E-03	1.71E-04	5.12E-03	5.90E-03	7.82E-04	0.00E+00	0.00E+00	0.00E+00	1.69E-03	
HWY046H	1.66E-02	2.44E-04	1.51E-03	1.68E-04	0.00E+00	0.00E+00	2.53E-03	4.47E-03	4.66E-02	2.02E-02	0.00E+00	5.17E-03	4.79E-03	5.00E-07	1.13E-03	1.07E-03	0.00E+00	0.00E+00	2.38E-03	2.47E-04	2.75E-03	0.00E+00	2.13E-07	1.44E-07	8.60E-03	1.76E-07	4.52E-04	0.00E+00	2.75E-03	9.74E-07	2.75E-03	3.17E-03	4.13E-03	0.00E+00	0.00E+00	0.00E+00	9.02E-03	
HWY047H	8.76E-02	1.80E-04	2.02E-03	2.24E-04	0.00E+00	0.00E+00	3.00E-03	5.68E-03	6.24E-03	2.69E-02	0.00E+00	8.89E-03	8.16E-03	8.47E-07	1.51E-03	1.43E-03	0.00E+00	0.00E+00	3.19E-03	3.29E-04	3.68E-03	0.00E+00	2.84E-07	1.93E-07	1.15E-02	2.71E-07	5.57E-04	0.00E+00	3.66E-03	1.36E-04	3.66E-03	4.22E-03	5.57E-04	0.00E+00	0.00E+00	0.00E+00	1.29E-03	
HWY048H	5.36E-02	1.10E-04	1.24E-03	1.38E-04	0.00E+00	0.00E+00	2.08E-03	3.68E-03	3.81E-02	1.65E-02	0.00E+00	4.27E-03	3.83E-03	4.08E-07	9.33E-03	8.74E-03	0.00E+00	0.00E+00	1.96E-03	2.03E-04	2.29E-03	0.00E+00	1.75E-07	1.18E-07	7.04E-03	1.45E-07	3.42E-04	0.00E+00	2.29E-03	8.34E-07	2.29E-03	2.65E-03	3.42E-04	0.00E+00	0.00E+00	0.00E+00	7.39E-03	
HWY049H	7.13E-02	2.08E-03	1.85E-04	1.94E-04	0.00E+00	0.00E+00	2.77E-03	4.93E-03	5.08E-02	2.20E-02	0.00E+00	5.66E-03	5.24E-03	5.44E-07	1.24E-03	1.17E-03	0.00E+00	0.00E+00	2.81E-03	2.71E-04	3.02E-03	0.00E+00	2.33E-07	1.57E-07	8.36E-03	1.93E-07	4.57E-04	0.00E+00	3.03E-03	1.131E-04	3.03E-03	3.46E-03	4.57E-04	0.00E+00	0.00E+00	0.00E+00	9.65E-03	
HWY068H	1.47E-01	4.03E-04	3.30E-03	3.79E-04	0.00E+00	0.00E+00	5.59E-03	9.88E-03	1.03E-03	4.43E-02	0.00E+00	1.16E-03	1.05E-03	1.06E-06	2.51E-03	2.33E-03	0.00E+00	0.00E+00	5.24E-03	5.47E-04	6.09E-03	0.00E+00	4.66E-07	3.13E-07	1.88E-02	3.90E-07	9.12E-04	0.00E+00	6.06E-03	2.36E-04	6.06E-03	6.97E-03	9.12E-04	0.00E+00	0.00E+00	0.00E+00	1.68E-03	
HWY069H	1.90E-01	5.37E-04	4.46E-03	4.93E-04	0.00E+00	0.00E+00	7.45E-03	1.32E-03	1.35E-03	5.91E-02	0.00E+00	1.54E-03	1.43E-03	1.45E-06	3.40E-03	3.11E-03	0.00E+00	0.00E+00	5.99E-03	6.19E-04	7.33E-04	0.00E+00	6.25E-07	4.23E-07	2.51E-02	5.26E-07	1.31E-03	0.00E+00	8.68E-03	3.25E-04	8.68E-03	9.30E-03	1.31E-03	0.00E+00	0.00E+00	0.00E+00	2.64E-03	
HWY160H	1.41E-01	3.91E-04	3.26E-03	3.65E-04	0.00E+00	0.00E+00	5.56E-03	9.74E-03	1.01E-03	4.37E-02	0.00E+00	1.14E-01	1.06E-01	1.06E-06	2.47E-03	2.31E-03	0.00E+00	0.00E+00	5.18E-03	5.16E-04	5.97E-03	0.00E+00	6.45E-07	3.11E-07	1.86E-02	3.66E-07	9.01E-04	0.00E+00	5.97E-03	2.27E-04	5.97E-03	6.88E-03	9.01E-04	0.00E+00	0.00E+00	0.00E+00	1.95E-03	
HWY161H	1.88E-01	5.59E-04	4.35E-03	4.89E-04	0.00E+00	0.00E+00	7.34E-03	1.35E-03	1.34E-03	5.83E-02	0.00E+00	1.51E-03	1.39E-03	1.40E-06	3.29E-03	3.08E-03	0.00E+00	0.00E+00	6.56E-03	7.18E-04	7.99E-03	0.00E+00	8.56E-07	4.13E-07	2.46E-02	5.11E-07	1.21E-03	0.00E+00	7.98E-03	3.02E-04	7.98E-03	9.17E-03	1.21E-03	0.00E+00	0			

PEP ecopassport 55/67 HAGE-00937-V03.01-EN

Module D

HW4P325ZE	1.33E+00	7.21E+01	1.27E+01	5.93E+01	0.00E+00	0.00E+00	7.48E+02	1.38E+03	9.00E+01	6.35E+01	0.00E+00	-1.08E+00	1.61E+07	1.00E+05	3.84E+00	2.51E+02	3.24E+04	0.00E+00	6.30E+02	1.47E+01	8.27E+02	0.00E+00	6.36E+00	3.74E+05	2.28E+01	3.62E+04	1.08E+03	0.00E+00	8.27E+02	-3.89E+05	8.27E+02	9.36E+02	1.08E+03	0.00E+00	0.00E+00	2.33E+04
HW4S320ZE	1.33E+00	7.21E+01	1.27E+01	5.93E+01	0.00E+00	0.00E+00	7.48E+02	1.38E+03	9.00E+01	6.35E+01	0.00E+00	-1.08E+00	1.61E+07	1.00E+05	3.84E+00	2.51E+02	3.24E+04	0.00E+00	6.30E+02	1.47E+01	8.27E+02	0.00E+00	6.36E+00	3.74E+05	2.28E+01	3.62E+04	1.08E+03	0.00E+00	8.27E+02	-3.89E+05	8.27E+02	9.36E+02	1.08E+03	0.00E+00	0.00E+00	2.33E+04
HW4S325ZE	1.33E+00	7.21E+01	1.27E+01	5.93E+01	0.00E+00	0.00E+00	7.48E+02	1.38E+03	9.00E+01	6.35E+01	0.00E+00	-1.08E+00	1.61E+07	1.00E+05	3.84E+00	2.51E+02	3.24E+04	0.00E+00	6.30E+02	1.47E+01	8.27E+02	0.00E+00	6.36E+00	3.74E+05	2.28E+01	3.62E+04	1.08E+03	0.00E+00	8.27E+02	-3.89E+05	8.27E+02	9.36E+02	1.08E+03	0.00E+00	0.00E+00	2.33E+04
HW4W332ZS	1.31E+00	6.88E+01	1.34E+01	5.74E+01	0.00E+00	0.00E+00	7.37E+02	1.36E+03	8.90E+01	6.18E+01	0.00E+00	-9.50E+01	1.34E+07	8.90E+05	3.59E+00	2.48E+02	2.89E+04	0.00E+00	6.23E+02	1.25E+01	8.14E+02	0.00E+00	6.21E+00	3.68E+05	2.24E+01	3.10E+04	1.07E+03	0.00E+00	8.14E+02	-2.26E+05	8.14E+02	9.21E+02	1.07E+03	0.00E+00	0.00E+00	2.31E+04
HW4W340ZS	1.31E+00	6.88E+01	1.34E+01	5.74E+01	0.00E+00	0.00E+00	7.37E+02	1.36E+03	8.90E+01	6.18E+01	0.00E+00	-9.50E+01	1.34E+07	8.90E+05	3.59E+00	2.48E+02	2.89E+04	0.00E+00	6.23E+02	1.25E+01	8.14E+02	0.00E+00	6.21E+00	3.68E+05	2.24E+01	3.10E+04	1.07E+03	0.00E+00	8.14E+02	-2.26E+05	8.14E+02	9.21E+02	1.07E+03	0.00E+00	0.00E+00	2.31E+04
HW4W320ZS	1.31E+00	6.88E+01	1.34E+01	5.74E+01	0.00E+00	0.00E+00	7.37E+02	1.36E+03	8.90E+01	6.18E+01	0.00E+00	-9.50E+01	1.34E+07	8.90E+05	3.59E+00	2.48E+02	2.89E+04	0.00E+00	6.23E+02	1.25E+01	8.14E+02	0.00E+00	6.21E+00	3.68E+05	2.24E+01	3.10E+04	1.07E+03	0.00E+00	8.14E+02	-2.26E+05	8.14E+02	9.21E+02	1.07E+03	0.00E+00	0.00E+00	2.31E+04
HW4W325ZS	1.31E+00	6.88E+01	1.34E+01	5.74E+01	0.00E+00	0.00E+00	7.37E+02	1.36E+03	8.90E+01	6.18E+01	0.00E+00	-9.50E+01	1.34E+07	8.90E+05	3.59E+00	2.48E+02	2.89E+04	0.00E+00	6.23E+02	1.25E+01	8.14E+02	0.00E+00	6.21E+00	3.68E+05	2.24E+01	3.10E+04	1.07E+03	0.00E+00	8.14E+02	-2.26E+05	8.14E+02	9.21E+02	1.07E+03	0.00E+00	0.00E+00	2.31E+04
HW4E432ZB	1.75E+00	9.12E+01	1.63E+01	7.49E+01	0.00E+00	0.00E+00	9.45E+02	1.73E+03	1.19E+00	8.07E+01	0.00E+00	-1.41E+00	1.80E+07	1.32E+05	4.70E+00	3.27E+02	3.26E+04	0.00E+00	8.06E+02	1.88E+01	1.05E+03	0.00E+00	8.06E+00	4.80E+04	2.94E+01	4.62E+04	1.39E+03	0.00E+00	1.05E+03	-5.67E+05	1.05E+03	1.19E+03	1.39E+03	0.00E+00	0.00E+00	2.99E+04
HW4E440ZB	1.75E+00	9.12E+01	1.63E+01	7.49E+01	0.00E+00	0.00E+00	9.45E+02	1.73E+03	1.19E+00	8.07E+01	0.00E+00	-1.41E+00	1.80E+07	1.32E+05	4.70E+00	3.27E+02	3.26E+04	0.00E+00	8.06E+02	1.88E+01	1.05E+03	0.00E+00	8.06E+00	4.80E+04	2.94E+01	4.62E+04	1.39E+03	0.00E+00	1.05E+03	-5.67E+05	1.05E+03	1.19E+03	1.39E+03	0.00E+00	0.00E+00	2.99E+04
HW4P432ZB	1.75E+00	9.12E+01	1.63E+01	7.49E+01	0.00E+00	0.00E+00	9.45E+02	1.73E+03	1.19E+00	8.07E+01	0.00E+00	-1.41E+00	1.80E+07	1.32E+05	4.70E+00	3.27E+02	3.26E+04	0.00E+00	8.06E+02	1.88E+01	1.05E+03	0.00E+00	8.06E+00	4.80E+04	2.94E+01	4.62E+04	1.39E+03	0.00E+00	1.05E+03	-5.67E+05	1.05E+03	1.19E+03	1.39E+03	0.00E+00	0.00E+00	2.99E+04
HW4P432ZB	1.75E+00	9.12E+01	1.63E+01	7.49E+01	0.00E+00	0.00E+00	9.45E+02	1.73E+03	1.19E+00	8.07E+01	0.00E+00	-1.41E+00	1.80E+07	1.32E+05	4.70E+00	3.27E+02	3.26E+04	0.00E+00	8.06E+02	1.88E+01	1.05E+03	0.00E+00	8.06E+00	4.80E+04	2.94E+01	4.62E+04	1.39E+03	0.00E+00	1.05E+03	-5.67E+05	1.05E+03	1.19E+03	1.39E+03	0.00E+00	0.00E+00	2.99E+04
HW4P440ZB	1.75E+00	9.12E+01	1.63E+01	7.49E+01	0.00E+00	0.00E+00	9.45E+02	1.73E+03	1.19E+00	8.07E+01	0.00E+00	-1.41E+00	1.80E+07	1.32E+05	4.70E+00	3.27E+02	3.26E+04	0.00E+00	8.06E+02	1.88E+01	1.05E+03	0.00E+00	8.06E+00	4.80E+04	2.94E+01	4.62E+04	1.39E+03	0.00E+00	1.05E+03	-5.67E+05	1.05E+03	1.19E+03	1.39E+03	0.00E+00	0.00E+00	2.99E+04
HW4S432ZB	1.75E+00	9.12E+01	1.63E+01	7.49E+01	0.00E+00	0.00E+00	9.45E+02	1.73E+03	1.19E+00	8.07E+01	0.00E+00	-1.41E+00	1.80E+07	1.32E+05	4.70E+00	3.27E+02	3.26E+04	0.00E+00	8.06E+02	1.88E+01	1.05E+03	0.00E+00	8.06E+00	4.80E+04	2.94E+01	4.62E+04	1.39E+03	0.00E+00	1.05E+03	-5.67E+05	1.05E+03	1.19E+03	1.39E+03	0.00E+00	0.00E+00	2.99E+04
HW4S440ZB	1.75E+00	9.12E+01	1.63E+01	7.49E+01	0.00E+00	0.00E+00	9.45E+02	1.73E+03	1.19E+00	8.07E+01	0.00E+00	-1.41E+00	1.80E+07	1.32E+05	4.70E+00	3.27E+02	3.26E+04	0.00E+00	8.06E+02	1.88E+01	1.05E+03	0.00E+00	8.06E+00	4.80E+04	2.94E+01	4.62E+04	1.39E+03	0.00E+00	1.05E+03	-5.67E+05	1.05E+03	1.19E+03	1.39E+03	0.00E+00	0.00E+00	2.99E+04
HW4P420ZB	1.75E+00	9.12E+01	1.63E+01	7.49E+01	0.00E+00	0.00E+00	9.45E+02	1.73E+03	1.19E+00	8.07E+01	0.00E+00	-1.41E+00	1.80E+07	1.32E+05	4.70E+00	3.27E+02	3.26E+04	0.00E+00	8.06E+02	1.88E+01	1.05E+03	0.00E+00	8.06E+00	4.80E+04	2.94E+01	4.62E+04	1.39E+03	0.00E+00	1.05E+03	-5.67E+05	1.05E+03	1.19E+03	1.39E+03	0.00E+00	0.00E+00	2.99E+04
HW4P420ZB	1.75E+00	9.12E+01	1.63E+01	7.49E+01	0.00E+00	0.00E+00	9.45E+02	1.73E+03	1.19E+00	8.07E+01	0.00E+00	-1.41E+00	1.80E+07	1.32E+05	4.70E+00	3.27E+02	3.26E+04	0.00E+00	8.06E+02	1.88E+01	1.05E+03	0.00E+00	8.06E+00	4.80E+04	2.94E+01	4.62E+04	1.39E+03	0.00E+00	1.05E+03	-5.67E+05	1.05E+03	1.19E+03	1.39E+03	0.00E+00	0.00E+00	2.99E+04
HW4P425ZB	1.75E+00	9.12E+01	1.63E+01	7.49E+01	0.00E+00	0.00E+00	9.45E+02	1.73E+03	1.19E+00	8.07E+01	0.00E+00	-1.41E+00	1.80E+07	1.32E+05	4.70E+00	3.27E+02	3.26E+04	0.00E+00	8.06E+02	1.88E+01	1.05E+03	0.00E+00	8.06E+00	4.80E+04	2.94E+01	4.62E+04	1.39E+03	0.00E+00	1.05E+03	-5.67E+05	1.05E+03	1.19E+03	1.39E+03	0.00E+00	0.00E+00	2.99E+04
HW4S420ZB	1.75E+00	9.12E+01	1.63E+01	7.49E+01	0.00E+00	0.00E+00	9.45E+02	1.73E+03	1.19E+00	8.07E+01	0.00E+00	-1.41E+00	1.80E+07	1.32E+05	4.70E+00	3.27E+02	3.26E+04	0.00E+00	8.06E+02	1.88E+01	1.05E+03	0.00E+00	8.06E+00	4.80E+04	2.94E+01	4.62E+04	1.39E+03	0.00E+00	1.05E+03	-5.67E+05	1.05E+03	1.19E+03	1.39E+03	0.00E+00	0.00E+00	2.99E+04
HW4S425ZB	1.75E+00	9.12E+01	1.63E+01	7.49E+01	0.00E+00	0.00E+00	9.45E+02	1.73E+03	1.19E+00	8.07E+01	0.00E+00	-1.41E+00	1.80E+07	1.32E+05	4.70E+00	3.27E+02	3.26E+04	0.00E+00	8.06E+02	1.88E+01	1.05E+03	0.00E+00	8.06E+00	4.80E+04	2.94E+01	4.62E+04	1.39E+03	0.00E+00	1.05E+03	-5.67E+05	1.05E+03	1.19E+03	1.39E+03	0.00E+00	0.00E+00	2.99E+04
HW4P432ZE	1.75E+00	9.14E+01	1.64E+01	7.50E+01	0.00E+00	0.00E+00	9.47E+02	1.73E+03	1.19E+00	8.07E+01	0.00E+00	-1.40E+00	1.87E+07	1.32E+05	4.70E+00	3.27E+02	3.26E+04	0.00E+00	8.06E+02	1.88E+01	1.05E+03	0.00E+00	8.06E+00	4.80E+04	2.94E+01	4.62E+04	1.39E+03	0.00E+00	1.05E+03	-5.61E+05	1.05E+03	1.19E+03	1.39E+03	0.00E+00	0.00E+00	2.99E+04
HW4E440ZE	1.76E+00	9.14E+01	1.64E+01	7.50E+01	0.00E+00	0.00E+00	9.47E+02	1.73E+03	1.19E+00	8.07E+01	0.00E+00	-1.40E+00	1.87E+07	1.32E+05	4.70E+00	3.27E+02	3.26E+04	0.00E+00	8.06E+02	1.88E+01	1.05E+03	0.00E+00	8.06E+00	4.80E+04	2.94E+01	4.62E+04	1.39E+03	0.00E+00	1.05E+03	-5.61E+05	1.05E+03	1.19E+03	1.39E+03	0.00E+00	0.00E+00	2.99E+04
HW4P432ZE	1.75E+00	9.14E+01	1.64E+01	7.50E+01	0.00E+00	0.00E+00	9.47E+02	1.73E+03	1.19E+00	8.07E+01	0.00E+00	-1.40E+00	1.87E+07	1.32E+05	4.70E+00	3.27E+02	3.26E+04	0.00E+00	8.06E+02	1.88E+01	1.05E+03	0.00E+00	8.06E+00	4.80E+04	2.94E+01	4.62E+04	1.39E+03	0.00E+00	1.05E+03	-5.61E+05	1.05E+03	1.19E+03	1.39E+03	0.00E+00	0.00E+00	2.99E+04
HW4P440ZE	1.75E+00	9.14E+01	1.64E+01	7.50E+01	0.00E+00	0.00E+00	9.47E+02	1.73E+03	1.19E+00	8.07E+01	0.00E+00	-1.40E+00	1.87E+07	1.32E+05	4.70E+00	3.27E+02	3.26E+04	0.00E+00	8.06E+02	1.88E+01	1.05E+03	0.00E+00	8.06E+00	4.80E+04	2.94E+01	4.62E+04	1.39E+03	0.00E+00	1.05E+03	-5.61E+05	1.05E+03	1.19E+03	1.39E+03	0.00E+00	0.00E+00	2.99E+04
HW4S432ZE	1.75E+00	9.14E+01	1.64E+01	7.50E+01	0.00E+00	0.00E+00	9.47E+02	1.73E+03	1.19E+00	8.07E+01	0.00E+00	-1.40E+00	1.87E+07	1.32E+05	4.70E+00	3.27E+02	3.26E+04	0.00E+00	8.06E+02	1.88E+01	1.05E+03	0.00E+00	8.06E+00	4.80E+04	2.94E+01	4.62E+04	1.39E+03	0.00E+00	1.05E+03	-5.61E+05	1.05E+03	1.19E+03	1.39E+03	0.00E+00	0.00E+00	2.99E+04
HW4S440ZE	1.75E+00	9.14E+01	1.64E+01	7.50E+01	0.00E+00	0.00E+00	9.47E+02	1.73E+03	1.19E+00	8.07E+01	0.00E+00	-1.40E+00	1.87E+07	1.32E+05	4.70E+00	3.27E+02	3.26E+04	0.00E+00	8.06E+02	1.88E+01	1.05E+03	0.00E+00	8.06E+00	4.80E+04	2.94E+01	4.62E+04	1.39E+03	0.00E+00	1.05E+03	-5.61E+05	1.05E+03	1.19E+03	1.39E+03	0.00E+00	0.00E+00	2.99E+04
HW4P432ZE	1.75E+00	9.14E+01	1.64E+01	7.50E+01	0.00E+00	0.00E+00	9.47E+02	1.73E+03	1.19E+00	8.07E+01	0.00E+00	-1.40E+00	1.87E+07	1.32E+05	4.70E+00	3.27E+02	3.26E+04	0.00E+00	8.06E+0																	

HW1E406DB	5.17E-01	1.59E+00	1.23E+00	3.66E-01	0.00E+00	0.00E+00	-0.00E+00	5.39E-03	4.13E-01	3.02E-02	0.00E+00	4.54E-01	4.37E-08	3.98E+00	8.19E-01	1.17E+02	0.00E+00	0.00E+00	1.13E+02	2.34E-04	1.21E+02	0.00E+00	1.35E+00	1.99E-01	1.52E+02	-3.54E-07	9.11E-01	0.00E+00	1.21E+02	-2.88E-04	1.21E+02	1.22E+02	9.11E-03	0.00E+00	0.00E+00	0.00E+00	4.93E-03
HW1E406DE	-6.64E-02	4.02E-01	2.46E+00	5.67E-01	0.00E+00	0.00E+00	-3.65E-03	4.61E-01	2.99E-01	3.81E-02	0.00E+00	4.23E-01	9.17E-07	-7.71E-01	-1.52E+00	7.81E+02	0.00E+00	0.00E+00	-1.33E-01	1.59E-18	6.45E+02	0.00E+00	-3.28E+00	-1.33E+01	3.11E+00	0.00E+00	-1.66E+02	0.00E+00	6.45E+02	-1.92E+01	4.45E+02	8.11E+02	-1.66E+02	0.00E+00	0.00E+00	-5.69E+04	
HW1E406FB	5.45E+02	5.78E-01	1.51E-01	4.29E-01	0.00E+00	0.00E+00	1.59E+01	-1.69E-01	4.81E-02	3.03E-03	0.00E+00	1.45E-18	4.29E+00	3.75E-07	1.49E-01	1.45E+00	0.00E+00	0.00E+00	2.56E-01	5.59E-18	9.21E+00	0.00E+00	2.83E-07	-1.54E-07	-7.25E-03	0.00E+00	2.69E+01	0.00E+00	9.21E+00	-7.85E-01	9.21E+00	1.13E+01	2.69E+01	0.00E+00	0.00E+00	-1.66E+02	
HW1E406FE	-1.28E+00	-1.71E-01	-1.35E-01	-3.68E-01	0.00E+00	0.00E+00	-3.29E+02	-1.57E-01	-1.89E+02	-7.66E-01	0.00E+00	1.04E-19	-2.02E-07	-4.54E+00	-3.49E-01	3.10E+02	0.00E+00	0.00E+00	-2.72E+02	3.54E-19	-3.98E+02	0.00E+00	-7.80E-07	-2.89E+02	-2.28E-01	0.00E+00	5.60E+01	0.00E+00	-1.56E+02	-3.70E+01	-1.56E+02	2.12E+02	6.50E+01	0.00E+00	0.00E+00	-1.18E+04	
HW1E408DB	6.18E-01	2.43E-01	1.67E+00	2.38E-01	0.00E+00	0.00E+00	3.07E+01	-1.42E-01	4.37E-01	2.47E-01	0.00E+00	8.33E-19	5.23E+00	4.68E+00	1.39E+00	1.01E+02	0.00E+00	0.00E+00	1.70E+02	3.09E-17	3.91E+02	0.00E+00	2.82E+00	1.66E+00	8.66E-02	0.00E+00	4.60E+01	0.00E+00	3.61E+01	-3.02E+01	3.61E+01	4.67E+01	6.50E+01	0.00E+00	0.00E+00	3.09E+00	
HW1E408DE	6.37E-01	2.38E-01	1.67E+00	2.21E-01	0.00E+00	0.00E+00	3.19E+01	5.54E-04	4.40E-01	2.53E-01	0.00E+00	8.54E-01	5.23E+00	4.76E+00	1.48E+00	1.01E+02	0.00E+00	0.00E+00	1.70E+02	3.24E+00	3.43E+02	0.00E+00	2.67E+00	1.56E+00	8.66E-02	-3.54E-07	2.09E+01	0.00E+00	3.61E+01	3.03E+01	3.61E+01	2.64E+01	6.50E+01	0.00E+00	0.00E+00	3.02E+04	
HW1E408FB	5.64E+02	1.90E+00	2.86E-01	1.64E+00	0.00E+00	0.00E+00	5.97E+01	1.97E-02	4.91E-02	2.86E-02	0.00E+00	2.02E-19	6.39E+00	3.43E-07	2.96E-01	1.74E+02	0.00E+00	0.00E+00	1.75E+02	7.11E-18	6.09E+01	0.00E+00	4.74E-07	1.29E-07	1.96E-02	0.00E+00	1.98E+01	0.00E+00	6.99E+01	6.57E-01	6.99E+01	4.69E+01	1.38E+01	0.00E+00	0.00E+00	1.53E+00	
HW1E408FE	-1.29E+00	-1.10E+01	-2.72E-01	-1.08E+01	0.00E+00	0.00E+00	-3.22E+02	-1.29E-01	-1.78E+02	-7.38E-01	0.00E+00	8.80E-19	-2.04E-07	-1.50E+00	-2.22E-01	1.24E+02	0.00E+00	0.00E+00	-2.68E+02	3.36E-18	-1.12E+02	0.00E+00	-4.87E-07	-2.87E+00	-2.21E-01	0.00E+00	-2.03E+01	0.00E+00	-1.21E+02	-3.76E+01	-1.12E+02	1.50E+02	-2.83E+01	0.00E+00	0.00E+00	-1.13E+04	
HW1E410DB	5.15E-01	1.17E+00	1.22E+00	5.02E+02	0.00E+00	0.00E+00	1.82E+02	6.50E-01	4.91E-01	3.57E+02	0.00E+00	4.54E-07	4.79E+00	3.69E+00	8.60E-01	1.21E+02	0.00E+00	0.00E+00	1.32E+02	1.24E+04	1.17E+02	0.00E+00	1.32E+00	1.75E-07	1.42E+00	-3.54E-07	-3.10E+01	0.00E+00	1.17E+02	-2.74E+01	1.17E+02	1.13E+02	-3.00E-01	0.00E+00	0.00E+00	4.69E+03	
HW1E410DE	4.51E+02	3.49E+01	3.00E+00	3.39E+01	0.00E+00	0.00E+00	3.59E+01	4.95E-01	-2.77E-01	5.17E+00	0.00E+00	4.56E-18	4.79E+00	7.61E-05	1.40E-01	1.51E+02	0.00E+00	0.00E+00	1.35E+02	2.36E-04	1.17E+02	0.00E+00	2.67E+00	-1.17E+01	-3.90E+00	0.00E+00	-1.18E+02	0.00E+00	3.40E+02	-1.54E+01	-3.90E+01	6.50E+01	0.00E+00	0.00E+00	-5.12E+04		
HW1E410FB	-7.68E-01	4.93E+00	-1.63E-01	6.78E+00	0.00E+00	0.00E+00	-1.95E+02	-7.69E-02	-3.47E-02	-4.42E-01	0.00E+00	9.13E-19	-3.43E-07	4.93E+00	-1.27E-01	7.43E+01	0.00E+00	0.00E+00	-1.65E+02	3.49E-18	-6.01E+01	0.00E+00	-2.64E-07	-1.71E+00	-1.37E-01	0.00E+00	-1.75E+01	0.00E+00	8.01E+01	-2.28E-01	8.01E+01	9.77E+01	-1.75E+01	0.00E+00	0.00E+00	-7.28E+03	
HW1E410FE	-1.29E+00	-1.20E+01	-2.76E-01	-1.17E+01	0.00E+00	0.00E+00	-3.23E+02	-1.29E-01	-1.84E+02	-7.45E-01	0.00E+00	7.51E-19	-2.05E-07	-1.50E+00	-2.21E-01	1.26E+02	0.00E+00	0.00E+00	-2.69E+02	3.36E-18	-1.14E+02	0.00E+00	-4.87E-07	-2.87E+00	-2.21E-01	0.00E+00	-2.03E+01	0.00E+00	-1.24E+02	-3.76E+01	-1.14E+02	1.53E+02	-2.83E+01	0.00E+00	0.00E+00	-1.13E+04	
HW1E412DB	6.08E-01	2.32E-01	1.63E+00	1.99E+02	0.00E+00	0.00E+00	3.00E+02	-1.54E-01	4.36E-01	2.31E-01	0.00E+00	7.94E-19	4.94E+00	4.73E+00	1.41E+00	1.81E+01	0.00E+00	0.00E+00	1.59E+02	2.91E-17	3.78E+02	0.00E+00	2.56E+00	1.45E+00	8.64E-02	0.00E+00	1.10E+01	0.00E+00	3.28E+02	-5.25E+01	3.28E+02	3.46E+02	1.90E+01	0.00E+00	0.00E+00	9.14E+03	
HW1E412DE	4.52E+00	3.99E+01	3.02E+00	3.39E+01	0.00E+00	0.00E+00	3.52E+01	4.95E-01	-2.82E-01	5.61E+00	0.00E+00	4.54E-07	7.92E-07	4.79E+00	1.40E-01	1.51E+02	0.00E+00	0.00E+00	1.35E+02	2.36E-04	1.17E+02	0.00E+00	2.67E+00	-1.17E+01	-3.90E+00	0.00E+00	-1.18E+02	0.00E+00	3.40E+02	-1.54E+01	-3.90E+01	6.50E+01	0.00E+00	0.00E+00	-5.14E+04		
HW1E412FB	9.65E+02	8.11E+00	1.67E+00	3.71E+00	0.00E+00	0.00E+00	3.76E+01	1.46E-04	5.46E-02	8.04E+02	0.00E+00	2.81E-12	6.21E+00	4.34E-01	1.59E+02	0.00E+00	0.00E+00	0.00E+00	1.59E+02	1.40E+02	1.44E+02	0.00E+00	1.94E+02	1.56E+00	8.66E-02	8.54E+07	4.23E-07	1.55E+02	0.00E+00	1.56E+02	2.58E+01	1.04E+02	9.45E+00	0.00E+00	0.00E+00	2.16E+03	
HW1E412FE	-1.25E+00	-1.89E+00	-4.41E-02	-1.77E+00	0.00E+00	0.00E+00	-2.69E+02	-1.27E-01	-1.02E-01	-4.46E-01	0.00E+00	4.54E-07	-1.51E-07	-1.48E+00	4.41E-02	8.82E+01	0.00E+00	0.00E+00	-2.10E+02	2.34E-04	-2.69E+02	0.00E+00	8.22E+00	-2.09E+00	-1.86E-01	-3.54E-07	-1.90E+01	0.00E+00	-2.46E+01	-3.89E+02	-2.46E+01	-4.36E+01	1.90E+01	0.00E+00	0.00E+00	-4.29E+03	
HW1E416DB	4.53E+00	4.32E+01	-1.07E+00	-4.21E+01	0.00E+00	0.00E+00	-1.52E+03	4.95E-01	-1.82E-01	1.83E+00	0.00E+00	3.46E-18	-7.94E-07	-7.61E+00	-6.16E-01	1.71E+02	0.00E+00	0.00E+00	-1.19E+02	1.11E-17	-1.34E+02	0.00E+00	-2.10E+00	-1.20E+01	-1.03E+00	0.00E+00	-1.47E+01	0.00E+00	-1.34E+02	-1.89E+02	-1.34E+02	8.81E+02	-1.47E+02	0.00E+00	0.00E+00	-5.16E+04	
HW1E416DE	5.30E-01	6.93E+00	1.28E+00	5.93E+02	0.00E+00	0.00E+00	1.90E+02	6.45E-01	4.22E-01	7.22E+02	0.00E+00	4.54E-07	4.57E+00	3.96E+00	9.39E-01	9.95E+01	0.00E+00	0.00E+00	1.49E+02	-2.34E-04	1.53E+02	0.00E+00	1.63E+00	6.01E-07	2.39E+02	-3.54E-07	-3.10E+01	0.00E+00	1.53E+02	-2.58E+01	1.53E+02	1.84E+02	2.89E+01	0.00E+00	0.00E+00	5.14E+03	
HW1E416FB	5.32E+02	4.27E-01	1.47E-01	1.74E-01	0.00E+00	0.00E+00	1.00E+00	-1.44E-03	4.74E-03	5.02E-03	0.00E+00	1.30E-18	4.12E+00	7.61E-05	1.40E-01	1.51E+02	0.00E+00	0.00E+00	1.35E+02	2.36E-04	1.17E+02	0.00E+00	2.67E+00	-1.15E+01	-3.90E+00	0.00E+00	-1.18E+02	0.00E+00	3.40E+02	-1.54E+01	-3.90E+01	6.50E+01	0.00E+00	0.00E+00	-5.12E+04		
HW1E416FE	-1.29E+00	-1.07E+01	-2.75E-01	-1.04E+01	0.00E+00	0.00E+00	-3.22E+02	-1.29E-01	-1.76E+02	-7.35E-01	0.00E+00	9.26E-19	-2.04E-07	-1.50E+00	-2.18E-01	1.23E+02	0.00E+00	0.00E+00	-2.68E+02	3.54E-18	-1.12E+02	0.00E+00	-4.78E-07	-2.87E+00	-2.20E-01	0.00E+00	-2.02E+01	0.00E+00	-1.20E+02	-3.76E+01	-1.20E+02	1.49E+02	-2.83E+01	0.00E+00	0.00E+00	-1.13E+04	
HW1M304DB	4.15E-01	7.71E+00	8.73E-01	6.74E+00	0.00E+00	0.00E+00	1.44E+02	3.04E-01	3.29E-01	7.83E+02	0.00E+00	4.47E-18	4.98E+00	3.15E+00	7.11E-01	8.89E+01	0.00E+00	0.00E+00	1.05E+02	1.72E-17	1.13E+02	0.00E+00	1.29E+00	2.66E-07	2.03E+02	0.00E+00	2.29E+01	0.00E+00	1.13E+02	-1.84E+01	1.13E+02	1.35E+02	2.25E+01	0.00E+00	0.00E+00	3.67E+03	
HW1M304DE	4.97E+00	4.95E-01	1.30E+00	4.34E-01	0.00E+00	0.00E+00	1.23E+03	4.81E-01	2.22E-01	2.85E+00	0.00E+00	4.54E-07	4.89E-07	4.71E+00	-1.14E+00	6.78E+02	0.00E+00	0.00E+00	-1.00E+03	-2.34E-04	4.93E+02	0.00E+00	2.41E+00	-1.03E+01	6.32E-01	-3.54E-07	-1.92E+01	0.00E+00	4.89E+02	-1.43E+01	-4.89E+02	6.13E+02	1.23E+01	0.00E+00	0.00E+00	4.29E+04	
HW1M304FB	-5.69E-01	1.49E+00	1.88E-03	1.39E+00	0.00E+00	0.00E+00	1.28E+03	5.95E-01	1.41E-02	-2.95E-01	0.00E+00	1.00E+00	4.63E+00	4.71E+00	-6.38E+00	1.76E+02	0.00E+00	0.00E+00	-1.78E+02	5.53E-18	4.93E+02	0.00E+00	6.65E+00	-1.03E+00	-6.47E-02	0.00E+00	1.36E+01	0.00E+00	6.92E+00	-1.67E+01	-6.47E+02	3.35E+01	0.00E+00	0.00E+00	-3.94E+03		
HW1M304FE	9.64E-01	6.11E+00	1.67E+02	4.67E+00	0.00E+00	0.00E+00	2.07E+02	6.01E-01	-1.04E-02	5.22E-01	0.00E+00	4.54E-14	6.17E+00	-1.12E+01	-5.39E+02	2.17E+02	0.00E+00	0.00E+00	-1.85E+02	1.24E+00	-1.45E+02	0.00E+00	1.94E+02	-1.56E+01	-1.46E+01	-3.54E-07	-1.58E+01	0.00E+00	-1.85E+02	-1.76E+01	-1.46E+01	1.81E+01	3.54E+01	0.00E+00	0.00E+00	-7.19E+03	
HW1M306DB	4.55E-01	1.64E+02	1.27E+00	1.52E+01	0.00E+00	0.00E+00	2.37E+01	-1.59E+02	2.77E-01	1.75E-01	0.00E+00	6.37E-19	4.14E+00	3.96E+00	1.12E+00	5.95E+01	0.00E+00	0.00E+00	2.08E+02	2.12E-17	2.03E+02	0.00E+00	2.02E+00	1.13E+00	6.93E+02	0.00E+00	1.52E+02	0.00E+00	2.69E+00	-4.89E+02	2.69E+00	2.75E+00	1.52E+02	0.00E+00	0.00E+00	7.94E+03	
HW1M306DE	3.96E-01	4.69E-01	8.07E-01	1.58E+00	0.00E+00	0.00E+00	1.36E+02	-3.07E-01	3.11E-01	1.93E+02	0.00E+00	3.38E-18	4.17E+00	3.11E+00	5.76E-01	8.95E+01	0.00E+00	0.00E+00	1.42E+02	1.36E-17	7.32E+02	0.00E+00</															

HW1N312FE	-8.97E-01	-4.28E-00	-1.94E-01	-4.18E-00	0.00E+00	0.00E+00	-6.83E-01	-4.07E-01	-5.29E-01	0.00E+00	1.27E-18	-1.18E-07	-1.12E-05	-4.31E-02	2.20E+02	0.00E+00	0.00E+00	-1.67E+02	4.36E-18	-4.81E-01	0.00E+00	-1.76E-07	-1.74E-08	-1.49E-01	0.00E+00	-3.65E+01	0.00E+00	-4.81E+01	-2.79E-05	-4.81E-01	4.48E+01	-3.65E+01	0.00E+00	0.00E+00	-7.72E-03	
HW1N316DB	-4.98E-00	4.23E-01	3.07E+00	-3.02E-01	0.00E+00	0.00E+00	-1.34E-01	-4.97E-01	2.22E-01	2.84E-00	0.00E+00	4.54E-07	-7.00E-07	-5.79E-05	-1.04E+00	4.35E+02	0.00E+00	0.00E+00	-9.59E+02	-2.34E-04	-4.94E-01	0.00E+00	-2.22E-08	9.89E-08	-8.28E-01	-1.54E-07	-1.02E+02	0.00E+00	-4.64E+02	-1.44E-01	-4.84E-01	5.65E+02	-1.02E+02	0.00E+00	0.00E+00	-4.28E-04
HW1N316DE	4.79E-01	1.88E-01	1.28E+00	1.55E-01	0.00E+00	0.00E+00	2.42E+02	4.36E-04	3.30E-01	1.90E-01	6.43E-18	4.49E-08	3.62E-05	1.13E+00	1.24E+01	0.00E+00	0.00E+00	2.11E+02	2.23E-17	2.94E-01	0.00E+00	2.04E-08	1.18E-05	7.33E-01	0.00E+00	1.60E+01	0.00E+00	2.64E+02	2.53E-05	2.64E-01	2.80E+02	1.93E+01	0.00E+00	0.00E+00	7.67E-03	
HW1N316FB	4.30E-02	2.41E-01	2.27E-01	2.18E-00	0.00E+00	0.00E+00	4.72E+01	-6.97E-01	1.95E-02	2.73E-02	0.00E+00	1.82E-18	5.34E-09	2.24E-01	2.46E-01	1.26E+02	0.00E+00	0.00E+00	3.57E-01	6.39E-18	5.43E-01	0.00E+00	4.21E-07	1.21E-07	6.46E-01	0.00E+00	-1.30E+01	0.00E+00	5.34E-01	-6.80E-05	5.34E-01	3.97E-01	-1.36E-01	0.00E+00	0.00E+00	1.27E-03
HW1N316FE	8.95E-01	5.61E-00	-8.81E-01	5.32E-00	0.00E+00	0.00E+00	-2.88E+01	-9.03E-01	-4.02E-01	-5.16E-01	0.00E+00	-4.54E-07	-1.18E-07	-1.23E-05	-3.18E+02	0.00E+00	0.00E+00	-1.66E+02	-2.34E-04	-4.94E-01	0.00E+00	-1.54E-07	-1.75E-08	-1.49E-01	-1.54E-07	-1.02E+02	0.00E+00	-4.64E+02	-1.44E-01	-4.84E-01	5.65E+02	-1.02E+02	0.00E+00	0.00E+00	-7.72E-03	
HW1N404DB	6.44E-00	-5.98E-01	-3.62E-01	-5.63E-01	0.00E+00	0.00E+00	-1.66E+00	-6.60E-01	-2.99E-01	-3.86E-01	0.00E+00	-5.64E-07	-6.18E-07	-7.71E-05	-1.51E+00	7.77E+02	0.00E+00	0.00E+00	-3.20E+00	-2.34E-04	-4.94E-01	0.00E+00	-2.26E-08	3.26E-08	-1.33E-05	-3.11E+00	-1.66E+02	0.00E+00	4.61E+02	-1.50E-01	-4.41E-01	-2.82E+02	-1.64E+02	0.00E+00	0.00E+00	-5.69E-04
HW1N404DE	-4.65E-00	6.27E-01	1.30E-00	-4.12E-01	0.00E+00	0.00E+00	-1.65E-01	-6.60E-01	-2.01E-01	-3.83E-00	0.00E+00	6.18E-29	-9.18E-07	-7.71E-05	-1.59E-00	7.78E+02	0.00E+00	0.00E+00	-1.13E+01	2.18E-18	4.69E-02	0.00E+00	3.34E-08	1.13E-05	-1.11E+00	0.00E+00	2.47E+02	0.00E+00	4.49E-01	-1.92E-02	-4.49E-01	-8.18E-01	-1.67E+02	0.00E+00	0.00E+00	5.79E-04
HW1N404FB	8.04E-02	2.90E+00	8.82E-01	2.22E-00	0.00E+00	0.00E+00	6.20E+01	1.12E+01	5.17E-02	4.43E-02	0.00E+00	2.10E-18	1.06E-08	-6.00E-07	2.97E-01	1.68E+02	0.00E+00	0.00E+00	4.89E+01	7.41E-18	6.68E-01	0.00E+00	5.15E-07	1.94E-07	1.54E+02	0.00E+00	-1.06E+01	0.00E+00	6.68E+01	1.00E+00	6.68E-01	4.83E+01	-1.85E+01	0.00E+00	0.00E+00	1.79E-03
HW1N404FE	-1.30E-00	-1.68E-01	-1.38E-01	-1.57E-01	0.00E+00	0.00E+00	-3.28E+02	-1.29E-01	-6.94E-01	-7.68E-01	0.00E+00	2.54E-19	-2.94E-07	-3.50E-05	-3.85E+02	0.00E+00	0.00E+00	-2.76E+02	9.29E-18	-1.54E+01	0.00E+00	-7.58E-07	-2.88E-04	-2.26E-01	0.00E+00	-5.47E+01	0.00E+00	-1.54E+02	-3.77E-01	-1.54E+01	-2.33E+02	-5.57E+01	0.00E+00	0.00E+00	-1.18E-04	
HW1N406DB	6.55E-00	-4.22E-01	-6.71E-01	-4.11E-01	0.00E+00	0.00E+00	-4.57E+01	-6.97E-01	-3.96E-01	-3.86E-01	0.00E+00	3.64E-18	-7.07E-07	-7.65E-05	-6.12E-01	-4.76E+02	0.00E+00	0.00E+00	-3.20E+00	-2.34E-04	-4.94E-01	0.00E+00	-2.26E-08	3.26E-08	-1.33E-05	-3.11E+00	-1.66E+02	0.00E+00	4.61E+02	-1.50E-01	-4.41E-01	-2.82E+02	-1.64E+02	0.00E+00	0.00E+00	-5.69E-04
HW1N406DE	5.49E-01	6.52E-00	1.26E+00	5.29E-00	0.00E+00	0.00E+00	1.93E+02	-3.31E-01	4.25E-01	8.80E-02	0.00E+00	4.54E-07	-6.13E-08	4.25E-08	8.83E-01	-1.90E+02	0.00E+00	0.00E+00	1.42E+02	-2.34E-04	1.37E+01	0.00E+00	1.50E-08	3.18E-07	2.76E+02	-1.54E-07	3.61E+00	0.00E+00	1.37E+02	-1.95E-04	1.37E+01	1.41E+02	3.61E+00	0.00E+00	0.00E+00	5.94E-03
HW1N406FB	9.46E-02	8.38E-00	3.33E-01	8.04E-00	0.00E+00	0.00E+00	6.92E+01	9.12E-05	5.49E-02	8.19E-02	0.00E+00	2.85E-18	1.08E-08	6.21E-07	6.32E-01	1.63E+02	0.00E+00	0.00E+00	1.79E+01	1.02E-17	1.93E-02	0.00E+00	8.12E-07	4.12E-07	1.54E+02	0.00E+00	9.48E+01	0.00E+00	1.03E+02	2.36E-05	1.03E+02	1.12E+02	9.48E+01	0.00E+00	0.00E+00	2.10E-03
HW1N406FE	1.18E-01	8.25E-00	4.22E-01	7.62E-00	0.00E+00	0.00E+00	8.02E+01	-5.41E-01	8.01E-02	7.42E-02	0.00E+00	4.54E-07	1.09E-09	7.26E-07	4.71E-01	2.16E+01	0.00E+00	0.00E+00	6.89E+01	-2.34E-04	1.19E+02	0.00E+00	9.17E-07	4.93E-07	2.58E+02	-1.54E-07	1.10E+01	0.00E+00	1.18E+02	-5.01E-05	1.18E+02	1.28E+02	1.10E+01	0.00E+00	0.00E+00	2.50E-03
HW1N408DB	6.29E-01	2.79E+00	6.66E-01	2.18E-00	0.00E+00	0.00E+00	3.07E+02	-9.45E-01	-3.95E-01	-2.59E-01	0.00E+00	-4.54E-07	-5.39E-09	-4.78E-05	-1.47E+00	2.28E+02	0.00E+00	0.00E+00	-2.67E+02	-2.34E-04	1.39E+02	0.00E+00	2.95E-08	1.54E-05	-8.62E-02	-1.54E-07	2.00E+01	0.00E+00	3.39E+02	2.62E-05	3.39E+02	5.00E+02	0.00E+00	0.00E+00	9.94E-03	
HW1N408DE	6.16E-01	2.62E-01	1.86E-00	2.25E-01	0.00E+00	0.00E+00	3.07E+02	-1.56E-01	-4.37E-01	-2.47E-01	0.00E+00	-4.54E-07	-5.39E-09	-4.78E-05	-1.47E+00	2.28E+02	0.00E+00	0.00E+00	-2.67E+02	-2.34E-04	1.39E+02	0.00E+00	2.95E-08	1.54E-05	-8.62E-02	-1.54E-07	2.00E+01	0.00E+00	3.39E+02	2.62E-05	3.39E+02	5.00E+02	0.00E+00	0.00E+00	1.02E-04	
HW1N408FB	-7.66E-01	2.72E-01	2.88E-02	2.45E-01	0.00E+00	0.00E+00	-1.34E+02	-7.26E-02	-2.96E-01	-3.57E-01	0.00E+00	2.24E-19	-4.29E-08	-6.05E-08	1.94E-01	-1.71E+01	0.00E+00	0.00E+00	-1.05E+01	7.93E-18	1.09E-01	0.00E+00	2.75E-07	-1.09E-08	-1.02E-01	0.00E+00	-8.02E+00	0.00E+00	1.69E+01	-2.08E-02	1.69E+01	7.95E+00	-6.02E+00	0.00E+00	0.00E+00	-4.73E-03
HW1N408FE	1.29E-01	4.74E-00	3.91E-01	4.39E-00	0.00E+00	0.00E+00	7.96E+01	8.77E-05	8.66E-02	8.58E-02	0.00E+00	4.54E-07	1.22E-08	9.60E-07	3.93E-01	1.64E+02	0.00E+00	0.00E+00	4.43E+01	-2.34E-04	8.42E-01	0.00E+00	6.61E-07	2.94E-07	2.28E+02	-1.54E-07	-1.02E+01	0.00E+00	8.62E+01	8.14E-01	8.62E-01	7.00E+01	-1.62E+01	0.00E+00	0.00E+00	2.26E-03
HW1N410DB	6.64E-01	6.23E-01	1.70E+00	2.49E-01	0.00E+00	0.00E+00	3.14E+02	5.33E-04	4.41E-01	2.74E-01	0.00E+00	4.54E-07	5.69E-08	4.80E-08	1.56E+00	1.09E+02	0.00E+00	0.00E+00	2.80E+02	-2.34E-04	3.69E+02	0.00E+00	2.87E-08	1.73E-04	1.02E-01	-1.54E-07	4.78E+01	0.00E+00	3.69E+02	6.35E-02	3.69E+02	4.17E+02	4.78E+01	0.00E+00	0.00E+00	1.04E-04
HW1N410DE	6.62E-00	2.80E-01	1.45E+00	5.08E-01	0.00E+00	0.00E+00	3.14E+02	4.69E-01	6.24E-01	3.78E+00	0.00E+00	4.54E-07	6.14E-07	-7.71E-05	-1.59E+00	7.84E+02	0.00E+00	0.00E+00	-3.20E+00	-2.34E-04	-4.94E-01	0.00E+00	-2.26E-08	3.26E-08	-1.33E-05	-3.11E+00	-1.66E+02	0.00E+00	4.61E+02	-1.50E-01	-4.41E-01	-2.82E+02	-1.64E+02	0.00E+00	0.00E+00	-5.69E-04
HW1N410FB	-7.68E-01	6.01E-00	-1.66E-01	-7.64E-00	0.00E+00	0.00E+00	-1.94E+02	-7.88E-02	-3.53E-02	-4.50E-01	0.00E+00	7.76E-19	-3.39E-07	-8.93E-08	-1.33E-01	-7.78E+01	0.00E+00	0.00E+00	-1.68E+02	2.98E-18	6.09E-01	0.00E+00	-2.85E-07	-1.71E-04	-1.38E+01	0.00E+00	-1.80E+01	0.00E+00	8.09E+01	-2.26E-01	-8.09E-01	8.99E+01	-1.80E+01	0.00E+00	0.00E+00	-7.21E-03
HW1N410FE	1.02E+00	-1.18E-01	-8.83E-01	-1.13E-01	0.00E+00	0.00E+00	2.15E+02	-1.27E-01	-4.19E-01	-7.30E-01	0.00E+00	8.19E-19	-2.08E-07	-1.46E-05	-2.23E-01	1.28E+02	0.00E+00	0.00E+00	-2.62E+02	3.19E-18	-1.19E-01	0.00E+00	4.83E-07	-2.63E-04	-1.18E-01	0.00E+00	-2.97E+01	0.00E+00	1.19E+02	-3.66E-01	-1.19E-01	1.48E+02	-2.97E+01	0.00E+00	0.00E+00	-1.13E-04
HW1N412DB	6.17E-01	1.83E-01	1.81E+00	1.69E-01	0.00E+00	0.00E+00	2.98E+02	-1.54E-01	4.34E-01	2.07E-01	0.00E+00	4.54E-07	4.90E-09	4.51E-08	1.38E+00	8.99E+01	0.00E+00	0.00E+00	2.58E+02	-2.34E-04	3.70E+02	0.00E+00	2.48E-08	1.40E-04	8.51E-02	-1.54E-07	1.62E+01	0.00E+00	3.30E+02	5.36E-01	3.30E+02	3.38E+02	1.64E+01	0.00E+00	0.00E+00	9.58E-03
HW1N412DE	6.50E-01	2.91E-01	1.72E+00	2.74E-01	0.00E+00	0.00E+00	3.15E+02	-5.93E-04	4.42E-01	2.98E-01	0.00E+00	-4.54E-07	-5.73E-09	-4.78E-05	-1.47E+00	2.28E+02	0.00E+00	0.00E+00	-2.67E+02	-2.34E-04	1.39E+02	0.00E+00	2.95E-08	1.54E-05	-8.62E-02	-1.54E-07	2.00E+01	0.00E+00	3.39E+02	2.62E-05	3.39E+02	5.00E+02	0.00E+00	0.00E+00	1.02E-04	
HW1N412FB	-7.66E-01	-1.24E-01	-3.07E-01	-1.22E-01	0.00E+00	0.00E+00	-1.66E+02	-7.46E-02	-3.54E-02	-4.66E-01	0.00E+00	2.01E-19	-4.76E-08	-6.24E-05	-2.59E+02	0.00E+00	0.00E+00	0.00E+00	-1.05E+02	7.93E-18	1.09E-01	0.00E+00	2.75E-07	-1.09E-08	-1.02E-01	0.00E+00	-8.02E+00	0.00E+00	1.69E+01	-2.08E-02	1.69E+01	7.95E+00	-6.02E+00	0.00E+00	0.00E+00	-4.73E-03
HW1N412FE	-1.39E-00	-7.49E-00	-1.33E-01	-7.39E-00	0.00E+00	0.00E+00	-2.75E+01	-1.27E-01	-6.32E-01	-6.94E-01	0.00E+00	4.54E-07	-1.52E-07	-1.48E-05	-5.95E-02	-2.82E+02	0.00E+00	0.00E+00	-2.19E+01	-2.34E-04	6.07E-01	0.00E+00	2.16E-07	-2.21E-08	-1.95E-01	-1.54E-07	-4.62E+01	0.00E+00	6.07E+01	-3.87E-02	6.07E-01	-1.09E-01	-4.62E+01	0.00E+00	0.00E+00	-6.96E-03
HW1N416DB	-4.65E-00	-4.26E-01	-1.50E+00	-4.11E-01	0.00E+00	0.00E+00	-1.65E+01	-6.60E-01	-2.01E-01	-3.83E-00	0.00E+00	6.18E-29	-9.18E-07	-7.71E-05	-1.59E+00	7.78E+02	0.00E+00	0.00E+00	-1.13E+01	2.18E-18	4.69E-02	0.00E+00	3.34E-08	1.13E-05	-1.11E+00	0.00E+00</										

HW2E316DE	2.02E-02	4.32E+00	7.17E-02	4.29E+00	0.00E+00	0.00E+00	2.28E+00	9.93E-03	3.74E-02	0.00E+00	9.22E-10	1.00E+00	9.86E-08	1.07E-01	3.51E-02	0.00E+00	0.00E+00	1.02E-02	3.41E-10	2.59E+00	0.00E+00	2.25E-02	1.08E+01	8.62E-03	0.00E+00	1.32E+00	0.00E+00	2.58E+01	4.35E+00	2.58E+01	2.71E+01	1.32E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-02	
HW2E316FB	9.62E-02	2.94E+00	2.74E-02	2.92E+00	0.00E+00	0.00E+00	-1.62E-02	-1.09E-02	-1.89E-03	-2.70E-02	-1.02E+00	-1.10E+00	-1.21E-08	8.14E-02	2.68E+01	0.00E+00	0.00E+00	-1.22E-02	-3.64E-04	1.13E+00	0.00E+00	1.30E+01	-1.22E-02	-9.32E-03	-2.40E-02	-3.56E+00	0.00E+00	1.13E+02	-3.05E-04	1.13E+02	7.71E+00	-3.56E+00	0.00E+00	0.00E+00	-6.93E-02		
HW2E316FE	9.52E-02	3.49E+00	3.24E-02	3.42E+00	0.00E+00	0.00E+00	-1.56E-02	-1.09E-02	-1.81E-03	-2.39E-02	0.00E+00	8.96E-10	-1.09E+00	-1.25E-08	7.30E-02	1.06E+01	0.00E+00	0.00E+00	-1.13E-02	3.25E-10	1.47E+00	0.00E+00	1.57E+02	-1.02E-02	-8.21E-03	0.00E+00	-1.09E+00	0.00E+00	1.47E+02	-3.05E-04	1.47E+02	1.39E+01	-1.09E+00	0.00E+00	0.00E+00	-5.52E-02	
HW2E320DB	9.90E-02	3.19E+00	3.20E-02	3.36E+00	0.00E+00	0.00E+00	-1.55E-02	-1.09E-02	-1.84E-03	-2.41E-02	0.00E+00	-1.02E+00	-1.09E+00	-1.21E-08	7.28E-02	1.07E+01	0.00E+00	0.00E+00	-1.12E-02	-3.64E-04	1.43E+00	0.00E+00	1.55E+02	-1.02E-02	-8.28E-03	-2.40E-02	-1.11E+00	0.00E+00	1.45E+02	-2.99E-04	1.45E+02	1.34E+01	-1.11E+00	0.00E+00	0.00E+00	-5.51E-02	
HW2E320DE	1.20E-02	3.51E+00	3.75E-02	2.47E+00	0.00E+00	0.00E+00	3.21E+00	3.21E-04	4.49E-03	2.07E-02	0.00E+00	8.44E-10	-7.62E-09	4.96E+00	6.88E-02	1.86E+01	0.00E+00	0.00E+00	4.69E-02	2.41E-10	9.93E+00	0.00E+00	1.05E+02	-1.22E-08	2.96E-03	0.00E+00	1.00E+00	5.90E+00	1.64E-02	5.90E+00	3.56E+00	0.00E+00	0.00E+00	0.00E+00	-2.06E-02		
HW2E320FB	1.36E-02	3.09E+00	3.22E-02	3.05E+00	0.00E+00	0.00E+00	3.00E+00	-3.17E-04	8.78E-03	2.43E-02	0.00E+00	7.08E-10	-7.49E-09	5.86E+00	6.13E-02	1.96E+01	0.00E+00	0.00E+00	1.00E+00	1.00E+00	1.36E+01	0.00E+00	1.20E+00	1.94E+00	0.00E+00	0.00E+00	7.98E+01	0.00E+00	8.93E+00	1.66E+01	-3.77E-03	8.93E+00	1.86E+01	7.86E+01	0.00E+00	0.00E+00	1.89E-01
HW2E320FE	1.27E-02	4.63E-01	4.85E-02	4.59E-01	0.00E+00	0.00E+00	1.14E+00	2.17E-03	7.51E-03	8.62E-03	0.00E+00	4.33E-10	2.14E-09	9.07E+00	9.59E-02	3.11E+01	0.00E+00	0.00E+00	3.32E+00	1.48E-10	1.19E+01	0.00E+00	1.54E+02	3.97E+00	2.92E-03	0.00E+00	-3.40E+00	0.00E+00	1.39E+02	3.46E+00	1.39E+02	1.62E+01	-3.40E+00	0.00E+00	0.00E+00	3.49E+00	
HW2E325DB	2.05E-02	4.32E+00	3.16E-02	4.29E+00	0.00E+00	0.00E+00	1.30E+01	2.28E+00	9.92E-03	3.74E-02	0.00E+00	-1.02E+00	1.00E+00	9.63E+00	1.07E-01	4.52E+01	0.00E+00	0.00E+00	1.02E+01	3.64E-04	2.57E+00	0.00E+00	2.25E+02	1.08E+01	8.62E-03	-2.40E-02	1.30E+00	0.00E+00	2.57E+02	4.34E+00	2.57E+02	2.70E+01	-1.30E+00	0.00E+00	0.00E+00	3.53E-02	
HW2E325DE	-1.02E-01	2.96E+01	7.68E-03	1.02E+01	0.00E+00	0.00E+00	-1.79E+02	-1.06E+02	-3.83E-03	-5.02E-02	0.00E+00	-1.02E+00	-1.27E+00	-1.22E+00	3.48E+02	-1.61E+01	0.00E+00	0.00E+00	-1.52E+00	-3.64E-04	1.51E+00	0.00E+00	6.36E+00	-1.54E+02	-1.42E+00	-2.40E-02	-1.36E+00	0.00E+00	5.15E+00	-3.03E-04	1.51E+00	2.78E+00	-2.38E+00	0.00E+00	0.00E+00	-6.97E+00	
HW2E325FB	-9.68E-02	3.79E+00	2.26E-02	2.77E+00	0.00E+00	0.00E+00	-1.06E+00	-1.06E+00	-2.33E-02	-3.00E+00	7.85E-10	1.18E+00	1.31E+00	1.20E+01	1.19E+01	3.72E+01	0.00E+00	0.00E+00	-1.44E+00	2.88E-10	1.93E+00	0.00E+00	2.26E+02	1.67E+01	-1.96E+00	0.00E+00	-3.02E+00	0.00E+00	1.01E+02	-3.02E+00	1.91E+02	1.24E+01	-3.02E+00	0.00E+00	0.00E+00	-6.76E-02	
HW2E325FE	-1.04E-01	1.19E+00	-9.28E-03	1.59E+00	0.00E+00	0.00E+00	-2.68E+01	-1.09E-02	-3.14E-03	-4.32E-02	0.00E+00	-1.02E+00	-2.29E+00	-1.27E+00	1.11E-02	2.45E+01	0.00E+00	0.00E+00	-2.52E+01	-3.64E-04	6.93E+00	0.00E+00	3.33E+00	-2.31E+02	-1.53E-02	-2.40E-02	-4.49E+00	0.00E+00	6.55E+00	-3.22E-04	6.93E+00	-1.10E+01	-4.49E+00	0.00E+00	0.00E+00	-1.19E-03	
HW2E406DB	-1.29E-01	1.22E+00	-1.45E-02	1.24E+00	0.00E+00	0.00E+00	-3.15E+01	-1.32E-02	-1.19E-03	-5.48E-02	0.00E+00	4.57E-02	-2.63E+00	-2.54E+00	-2.81E-03	3.22E+01	0.00E+00	0.00E+00	-2.97E+02	-2.36E-04	-1.22E+00	0.00E+00	1.74E+00	-3.94E+02	-1.97E-02	-1.55E+02	-8.96E+00	0.00E+00	1.22E+02	-3.96E+00	-1.22E+02	2.09E+01	-8.96E+00	0.00E+00	0.00E+00	-1.29E-03	
HW2E406DE	-1.29E-01	5.02E+01	4.86E-03	-2.62E-01	0.00E+00	0.00E+00	-2.34E+01	-2.35E-02	-1.02E-03	-6.57E-02	0.00E+00	4.70E-10	-1.59E+00	-1.54E+00	3.24E-02	3.58E+01	0.00E+00	0.00E+00	-1.19E+02	1.65E-10	3.98E+00	0.00E+00	5.20E+00	-2.12E+02	-1.87E-02	0.00E+00	-5.00E+00	0.00E+00	3.03E+00	-3.82E-04	3.03E+00	-2.33E+00	-5.00E+00	0.00E+00	0.00E+00	-9.02E-02	
HW2E406FB	2.36E-02	2.50E+00	6.53E-02	4.95E+00	0.00E+00	0.00E+00	1.00E+00	1.00E+00	1.23E-02	4.42E-02	0.00E+00	1.26E+00	2.23E+00	1.34E+02	1.23E-02	2.24E+00	0.00E+00	0.00E+00	1.02E+00	1.23E-02	4.02E-10	0.00E+00	2.86E+00	1.18E+02	1.12E-02	0.00E+00	-1.70E+00	0.00E+00	2.89E+00	1.76E+00	6.50E+00	2.87E+00	-1.70E+00	0.00E+00	0.00E+00	4.27E-02	
HW2E406FE	1.56E-02	2.13E+00	3.92E-02	2.26E+00	0.00E+00	0.00E+00	3.00E+00	-3.01E-04	1.02E-02	2.05E-02	0.00E+00	-1.02E+00	-6.10E+00	-6.28E+00	-1.46E+00	0.00E+00	0.00E+00	0.00E+00	-1.72E+00	3.64E-04	2.23E+00	0.00E+00	2.84E+02	-6.42E+00	2.96E-02	-2.40E+02	-6.46E+00	0.00E+00	2.23E+02	-1.96E+00	2.23E+02	-2.44E+00	-6.46E+00	0.00E+00	0.00E+00	-7.48E-01	
HW2E408DB	-1.18E-01	3.39E+00	2.86E-02	3.39E+00	0.00E+00	0.00E+00	-2.95E+01	-1.29E-02	-2.43E-03	-3.44E-02	0.00E+00	4.57E-02	-1.44E+00	-2.48E+00	6.91E-02	3.53E+01	0.00E+00	0.00E+00	-3.09E+00	-7.71E+01	2.35E-04	1.15E+00	0.00E+00	1.44E+02	-1.69E+02	-1.16E-02	-1.55E+02	-4.98E+00	0.00E+00	1.15E+02	-3.87E-04	1.15E+02	6.57E+00	-4.98E+00	0.00E+00	0.00E+00	-6.07E+00
HW2E408DE	8.86E-02	-5.18E-01	3.26E-02	-5.34E-01	0.00E+00	0.00E+00	2.25E+00	-3.07E-04	8.72E-03	-3.42E-03	0.00E+00	-1.02E+00	-4.77E+00	5.80E+00	2.52E-02	1.48E+01	0.00E+00	0.00E+00	-3.07E+02	-3.64E-04	-3.99E+01	0.00E+00	4.20E+00	-5.34E+00	-1.78E+00	-2.40E-02	-1.97E+00	0.00E+00	-3.99E+02	-1.78E+00	-3.99E+02	2.37E+00	-1.97E+00	0.00E+00	0.00E+00	-6.33E-01	
HW2E408FB	2.50E-02	5.44E+00	6.90E-02	5.39E+00	0.00E+00	0.00E+00	1.66E+02	2.82E+00	1.21E-02	4.66E-02	0.00E+00	1.13E-10	2.39E+00	1.28E+02	1.13E+01	5.85E+00	0.00E+00	0.00E+00	1.32E+01	4.12E-10	3.22E+00	0.00E+00	2.80E+02	1.19E+02	1.20E+00	0.00E+00	-3.26E+00	0.00E+00	3.22E+02	8.21E+00	3.22E+02	3.48E+01	2.59E+00	0.00E+00	0.00E+00	0.00E+00	4.61E+00
HW2E408FE	2.88E-02	3.43E+00	5.51E-02	3.47E+00	0.00E+00	0.00E+00	1.61E+01	2.60E+00	1.34E-02	4.34E-02	0.00E+00	1.05E-10	1.36E+01	1.19E+01	1.19E+01	4.89E+00	0.00E+00	0.00E+00	1.30E+00	4.12E-10	3.22E+00	0.00E+00	2.80E+02	1.67E+01	1.06E+00	0.00E+00	-2.31E+00	0.00E+00	3.28E+02	5.53E+00	3.22E+02	2.71E+01	2.59E+00	0.00E+00	0.00E+00	0.00E+00	4.68E+00
HW2E410DB	2.28E-02	4.69E+00	8.14E-02	4.57E+00	0.00E+00	0.00E+00	1.55E+02	2.41E+00	1.17E-02	4.18E-02	0.00E+00	4.57E+02	2.13E+00	1.13E+02	1.13E+01	2.23E+01	0.00E+00	0.00E+00	1.17E+01	-2.33E-04	2.69E+01	0.00E+00	2.36E+02	1.05E+02	1.06E+00	-1.55E+02	-1.70E+00	0.00E+00	2.69E+02	3.92E+00	2.69E+02	2.49E+01	-1.70E+00	0.00E+00	0.00E+00	4.05E+00	
HW2E410DE	-1.39E-01	-2.13E+00	-3.83E-02	-2.47E+00	0.00E+00	0.00E+00	-3.59E+02	-1.37E+02	-4.84E-03	-6.67E-02	0.00E+00	1.02E-10	2.73E+00	-1.65E+00	-3.84E-02	1.14E+01	0.00E+00	0.00E+00	-3.21E+02	3.37E-10	-2.97E+00	0.00E+00	6.92E+00	-3.57E+02	-2.76E+00	0.00E+00	-8.97E+00	0.00E+00	2.07E+02	-4.04E+00	-2.07E+02	2.96E+01	-8.97E+00	0.00E+00	0.00E+00	-1.37E-03	
HW2E410FB	1.29E-02	2.49E+00	3.88E-02	2.42E+00	0.00E+00	0.00E+00	2.94E+00	3.02E+00	9.94E-03	2.11E-02	0.00E+00	4.57E+02	9.52E+00	5.76E+00	4.45E-02	3.92E+01	0.00E+00	0.00E+00	0.00E+00	9.25E-01	-2.31E-04	2.93E+00	0.00E+00	9.29E+00	-9.91E+00	2.38E-03	-1.55E+02	-6.00E+00	0.00E+00	2.83E+00	-1.93E+00	2.83E+00	3.59E+00	-6.00E+00	0.00E+00	-7.77E-03	
HW2E410FE	5.57E-02	1.46E+00	1.16E-02	-1.47E+00	0.00E+00	0.00E+00	6.95E-02	-3.92E-04	-1.69E-03	-8.92E-03	0.00E+00	-1.02E+00	-1.13E+00	9.52E+00	4.25E+00	1.97E+01	0.00E+00	0.00E+00	-1.62E+00	-3.64E-04	7.12E+00	0.00E+00	6.49E+00	-9.45E+00	-6.61E-02	-2.40E+02	-6.52E+00	0.00E+00	7.12E+00	-3.25E-02	-1.12E+00	1.35E+01	-6.52E+00	0.00E+00	0.00E+00	-2.12E-03	
HW2E412DB	1.26E-01	2.29E+00	-7.58E-03	2.29E+00	0.00E+00	0.00E+00	3.00E+00	-1.13E-02	-3.94E-03	-4.80E-02	0.00E+00	-4.57E+02	-2.69E+00	-1.56E+00	2.09E-02	1.51E+01	0.00E+00	0.00E+00	-3.04E+00	-2.94E+01	5.81E+00	0.00E+00	2.84E+02	-5.91E+00	-1.76E-02	-1.55E+02	-1.30E+00	0.00E+00	-5.96E+00	-3.96E+00	1.86E+01	-7.80E+00	-3.96E+00	0.00E+00	0.00E+00	-1.29E-03	
HW2E412DE	-1.51E-01	1.89E+00	-1.21E-02	1.87E+00	0.00E+00	0.00E+00	-3.37E+01	-4.37E-02	-4.93E-03	-5.32E-03	0.00E+00	8.76E-10	-2.79E+00	-1.59E+00	1.15E-02	3.20E+01	0.00E+00	0.00E+00	-3.13E+01	2.58E-10	8.49E+00	0.00E+00	3.50E+00	-2.99E+02	-1.34E-02	0.00E+00	-6.61E+00	0.00E+00	8.68E+00	-4.09E-04	8.68E+00	-1.45E+01	-6.61E+00	0.00E+00	0.00E+00	-1.37E+00	
HW2E412FB	1.62E-02	1.07E+00	9.97E-02	1.01E+00	0.00E+00	0.00E+00	1.38E+01	2.58E+00	9.33E-03	1.31E-02	0.00E+00	5.55E-10	1.62E+00	1.16E+02	7.98E-02	1.99E+01	0.00E+00</																				

HW2M416FE	-1.236-01	2.995+00	2.886+02	2.926+00	0.00E+00	0.00E+00	2.280+01	-1.335-02	-2.825-03	-3.925-02	0.00E+00	-1.025-06	-1.435-08	-1.535-06	5.905-02	8.835+01	0.00E+00	0.00E+00	-1.715-02	3.645-04	8.795+00	0.00E+00	1.205-07	-1.855-07	-1.255-02	-2.455-07	-7.985+00	0.00E+00	8.755+00	-3.815-04	8.755+00	7.695-01	7.985+00	0.00E+00	0.00E+00	0.00E+00	-8.005-02
HW2M420DB	1.375-02	1.135-01	5.055-02	6.235-02	0.00E+00	0.00E+00	1.205+01	2.055+01	8.815-03	7.655-03	0.00E+00	4.575-07	1.345-09	1.065-07	5.835-02	-5.235+01	0.00E+00	0.00E+00	8.355+00	-2.355-04	1.215+01	0.00E+00	9.455+00	2.255+08	2.505+03	-3.555-07	4.505+00	0.00E+00	1.215+01	8.755+01	1.215+01	5.595+00	-4.535+00	0.00E+00	0.00E+00	0.00E+00	2.995-02
HW2M420DE	1.595-02	6.455-01	5.865+02	5.895-01	0.00E+00	0.00E+00	1.355+01	2.875+01	9.445-03	1.055-02	0.00E+00	-1.025-06	2.575+00	1.125+07	7.715-03	4.435+01	0.00E+00	0.00E+00	1.145+01	-3.545-04	1.895+01	0.00E+00	1.255-07	5.145+08	3.865+03	-2.455-07	-3.025+00	0.00E+00	1.695+01	4.255+04	1.055+01	1.335+01	3.535+00	0.00E+00	0.00E+00	0.00E+00	4.225-02
HW2M420FB	-1.255-01	2.315+00	-7.225-03	2.335+00	0.00E+00	0.00E+00	-3.195+01	-1.335-02	-1.625-03	-4.825-02	0.00E+00	7.115+19	-2.695+00	-1.535-04	2.775-02	-1.055+01	0.00E+00	0.00E+00	-2.825+01	2.735+00	4.375+00	0.00E+00	6.215+08	-2.595-07	-1.795-02	0.00E+00	-1.535+00	0.00E+00	-4.975+00	-3.895+04	-4.975+00	-7.555+00	-2.535+00	0.00E+00	0.00E+00	0.00E+00	-1.285-03
HW2M420FE	1.795-02	1.415+00	6.865+02	1.345+00	0.00E+00	0.00E+00	1.495+01	3.095+01	8.665-03	1.575-02	0.00E+00	-1.025-06	2.745+00	1.155+07	8.825+01	1.125+01	0.00E+00	0.00E+00	1.275+01	-3.545-04	4.375+00	0.00E+00	1.695+07	9.125+08	3.035+03	-2.455-07	4.505+00	0.00E+00	2.185+01	6.215+08	2.175+01	6.375+00	0.00E+00	0.00E+00	0.00E+00	4.695-02	
HW2M425DB	1.595-02	6.415+01	5.895-02	4.255-01	0.00E+00	0.00E+00	1.395+01	2.905+01	9.035-03	5.545-03	0.00E+00	4.575+07	2.435+00	1.065+07	8.805+02	3.925+01	0.00E+00	0.00E+00	1.075+01	-3.545-04	1.535+01	0.00E+00	1.175+07	4.295+08	3.175+03	-1.555+07	-4.405+00	0.00E+00	2.185+01	6.325+08	1.935+01	1.095+01	4.495+00	0.00E+00	0.00E+00	0.00E+00	3.975-02
HW2M425DE	-1.395-01	2.025+00	-3.355-02	-1.995+00	0.00E+00	0.00E+00	-3.545+01	-1.375-02	-4.365+03	-8.345-02	0.00E+00	1.745+19	-2.725+00	-1.805+00	-2.895+02	-3.965+01	0.00E+00	0.00E+00	-1.135+01	6.125+03	-1.795+01	0.00E+00	4.795+08	3.495+07	-2.815-02	0.00E+00	-7.095+00	0.00E+00	-1.795+01	-4.025+04	-1.795+01	-2.525+01	-7.095+00	0.00E+00	0.00E+00	0.00E+00	-1.345+03
HW2M425FB	2.265-02	4.135+00	9.045-02	4.455+00	0.00E+00	0.00E+00	1.545+01	2.735+01	1.175-02	4.095-02	0.00E+00	1.025+18	2.095+00	1.145+07	1.125+01	2.685+01	0.00E+00	0.00E+00	1.145+01	3.795+03	2.595+01	0.00E+00	2.295+07	9.995+08	1.045+02	0.00E+00	-2.375+00	0.00E+00	2.595+01	3.575+08	2.595+01	2.345+01	3.575+00	0.00E+00	0.00E+00	0.00E+00	3.975-02
HW2M425FE	1.725-02	4.135+00	8.225-02	1.225+00	0.00E+00	0.00E+00	1.435+01	2.755+01	9.765-03	1.455-02	0.00E+00	5.845+19	1.535+00	1.145+07	8.835-02	-1.165+01	0.00E+00	0.00E+00	1.595+01	2.095+03	1.095+01	0.00E+00	1.625+07	7.325+08	4.865+03	0.00E+00	-3.515+01	0.00E+00	2.095+01	6.045+08	2.095+01	2.025+01	-3.515+01	0.00E+00	0.00E+00	0.00E+00	3.795+02
HW2M306DB	-1.055-01	6.945+01	6.225-02	6.255-02	0.00E+00	0.00E+00	1.435+01	-1.055+02	-3.945-03	5.045-02	0.00E+00	4.165+19	1.225+00	1.245+07	1.115+01	3.715+01	0.00E+00	0.00E+00	1.255+01	3.535+03	2.715+03	0.00E+00	2.335+07	1.115+07	1.005+02	0.00E+00	-6.265+00	0.00E+00	2.715+03	6.535+08	2.715+03	2.875+01	1.645+00	0.00E+00	0.00E+00	0.00E+00	-6.995-02
HW2M306DE	9.515-02	3.495+00	3.275-03	3.495+00	0.00E+00	0.00E+00	-1.555+01	-1.095-02	-1.595-03	-2.355-02	0.00E+00	-1.025-06	-1.095-03	-1.225+00	7.345-02	-1.015+01	0.00E+00	0.00E+00	-1.125+01	3.645-04	1.495+01	0.00E+00	1.595+07	-1.015-07	-8.145-03	-2.455-07	-1.025+00	0.00E+00	1.495+01	-3.095+04	1.495+01	1.395+01	-1.025+00	0.00E+00	0.00E+00	0.00E+00	-5.515-02
HW2M306FB	1.095-02	2.395+00	3.075-02	2.195+00	0.00E+00	0.00E+00	2.395+00	-3.255+04	8.795-03	1.825-02	0.00E+00	-1.025-06	4.925+00	4.655+00	4.095-02	2.395+01	0.00E+00	0.00E+00	-1.215+01	-3.545-04	3.495+00	0.00E+00	8.995+08	-2.915+08	1.195+03	-2.455-07	-3.325+00	0.00E+00	3.495+00	-1.795+04	3.495+00	1.295+01	4.255+00	0.00E+00	0.00E+00	0.00E+00	-1.255-02
HW2M306FE	6.995-02	2.825+00	2.845-02	2.795+00	0.00E+00	0.00E+00	-1.645+01	-1.095-02	-1.995-03	-2.795-02	0.00E+00	8.135+19	-1.115+00	-1.275+00	3.995-02	3.145+01	0.00E+00	0.00E+00	-1.245+01	2.945+03	1.045+01	0.00E+00	1.235+07	-1.295+07	-8.355-03	0.00E+00	-3.325+00	0.00E+00	1.045+01	-3.015+04	1.045+01	6.195+00	-4.255+00	0.00E+00	0.00E+00	0.00E+00	-1.545-02
HW2M308DB	-1.095-01	7.795+01	6.655-02	7.995+01	0.00E+00	0.00E+00	-2.795+01	-1.095+02	-4.825-03	-4.695-02	0.00E+00	-1.025-06	-2.295+00	-1.275+00	3.995-02	3.095+01	0.00E+00	0.00E+00	-1.245+01	2.945+03	1.045+01	0.00E+00	1.235+07	-1.295+07	-8.355-03	0.00E+00	-3.325+00	0.00E+00	1.045+01	-3.015+04	1.045+01	6.195+00	-4.255+00	0.00E+00	0.00E+00	0.00E+00	-1.545-02
HW2M308DE	6.595-02	5.495+00	3.245-02	3.425+00	0.00E+00	0.00E+00	-1.595+01	-1.095+02	-1.615-03	-2.395+01	0.00E+00	8.965+19	-1.095+00	-1.295+00	7.295-02	1.095+01	0.00E+00	0.00E+00	-1.125+01	-3.545-04	3.495+00	0.00E+00	1.575+07	-1.025+07	-8.145-03	0.00E+00	-3.325+00	0.00E+00	1.475+01	-3.095+04	1.475+01	1.395+01	-1.025+00	0.00E+00	0.00E+00	0.00E+00	-5.535-02
HW2M308FB	-1.115-01	-1.895+00	-1.295-02	-1.935+00	0.00E+00	0.00E+00	-1.195+01	-1.095+02	-1.615-03	-2.395+01	0.00E+00	8.965+19	-1.095+00	-1.295+00	7.295-02	1.095+01	0.00E+00	0.00E+00	-1.125+01	-3.545-04	3.495+00	0.00E+00	1.575+07	-1.025+07	-8.145-03	0.00E+00	-3.325+00	0.00E+00	1.475+01	-3.095+04	1.475+01	1.395+01	-1.025+00	0.00E+00	0.00E+00	0.00E+00	-5.535-02
HW2M308FE	1.275-02	4.835+01	4.895+02	4.895+01	0.00E+00	0.00E+00	1.145+01	2.175+01	7.715-03	8.625-03	0.00E+00	4.335+19	2.145+00	9.075+08	5.935-02	3.115+01	0.00E+00	0.00E+00	1.325+01	1.495+03	1.595+01	0.00E+00	1.045+07	3.975+08	9.025+03	0.00E+00	-3.405+00	0.00E+00	1.395+01	3.495+00	1.395+01	1.025+01	-3.495+00	0.00E+00	0.00E+00	0.00E+00	3.495-02
HW2M310DB	1.325-02	7.095+01	6.925+02	6.925+01	0.00E+00	0.00E+00	1.195+01	2.255+01	7.625-03	1.025-02	0.00E+00	-1.025-06	2.295+00	9.135+08	6.395-02	3.575+01	0.00E+00	0.00E+00	1.675+01	-3.545-04	1.495+01	0.00E+00	1.155+07	4.795+08	3.315+03	-2.455-07	-1.575+00	0.00E+00	1.495+01	3.915+08	1.495+01	1.225+01	-2.575+00	0.00E+00	0.00E+00	0.00E+00	3.575+02
HW2M310DE	2.095-02	4.495+00	7.495+02	4.495+00	0.00E+00	0.00E+00	1.495+01	2.995+01	9.395+03	3.975-02	0.00E+00	9.655+19	2.895+00	9.255+08	6.395+02	3.115+01	0.00E+00	0.00E+00	1.595+01	2.535+03	2.715+03	0.00E+00	2.335+07	1.115+07	1.005+02	0.00E+00	1.645+00	0.00E+00	2.715+03	6.535+08	2.715+03	2.875+01	1.645+00	0.00E+00	0.00E+00	0.00E+00	4.495+02
HW2M310FB	-1.035-01	-2.975+01	3.895+03	2.715+01	0.00E+00	0.00E+00	-1.845+01	-1.095-02	-4.915-03	-5.235-02	0.00E+00	-1.025-06	-1.295+00	-1.225+00	2.995+02	3.165+01	0.00E+00	0.00E+00	-1.595+01	-3.545-04	2.335+00	0.00E+00	4.155+08	-1.715+07	-1.495-02	-2.455-07	-4.725+00	0.00E+00	2.335+00	-3.035+04	2.335+00	-2.395+00	-4.725+00	0.00E+00	0.00E+00	0.00E+00	-7.235-02
HW2M310FE	-1.045-01	1.395+00	4.295+02	1.595+00	0.00E+00	0.00E+00	2.995+01	-1.095+02	-1.145-03	-1.535-02	0.00E+00	-1.025-06	2.295+00	-1.275+00	1.115+01	3.495+01	0.00E+00	0.00E+00	-1.525+01	-3.545-04	4.595+00	0.00E+00	3.335+08	-2.315+07	-1.535+02	-2.455-07	-4.495+00	0.00E+00	4.595+00	-3.225+04	4.595+00	1.195+01	-4.495+00	0.00E+00	0.00E+00	0.00E+00	-1.195-03
HW2M312DB	6.995-02	2.825+00	2.855-02	2.795+00	0.00E+00	0.00E+00	-1.635+01	-1.095-02	-1.995-03	-2.775-02	0.00E+00	8.145+19	-1.115+00	-1.215+00	3.995-02	3.145+01	0.00E+00	0.00E+00	-1.245+01	2.945+03	1.045+01	0.00E+00	1.235+07	-1.275+07	-8.315-03	0.00E+00	-3.325+00	0.00E+00	1.055+01	-3.015+04	1.055+01	6.195+00	-4.255+00	0.00E+00	0.00E+00	0.00E+00	-6.915-02
HW2M312DE	1.395-01	7.745+01	6.745+02	7.735+01	0.00E+00	0.00E+00	-1.195+01	-1.095+02	-1.615-03	-2.395+01	0.00E+00	8.965+19	-1.095+00	-1.295+00	7.295-02	1.095+01	0.00E+00	0.00E+00	-1.125+01	-3.545-04	3.495+00	0.00E+00	1.575+07	-1.025+07	-8.145-03	0.00E+00	-3.325+00	0.00E+00	1.475+01	-3.095+04	1.475+01	1.395+01	-1.025+00	0.00E+00	0.00E+00	0.00E+00	-5.535-02
HW2M312FB	-1.115-01	-1.995+00	-1.295-02	-1.935+00	0.00E+00	0.00E+00	-1.195+01	-1.095+02	-1.615-03	-2.395+01	0.00E+00	8.965+19	-1.095+00	-1.295+00	7.295-02	1.095+01	0.00E+00	0.00E+00	-1.125+01	-3.545-04	3.495+00	0.00E+00	1.575+07	-1.025+07	-8.145-03	0.00E+00	-3.325+00	0.00E+00	1.475+01	-3.095+04	1.475+01	1.395+01	-1.025+00	0.00E+00	0.00E+00	0.00E+00	-5.535-02
HW2M312FE	8.945-03	5.515-01	1.595+02	5.195+01	0.00E+00	0.00E+00	1.135+00	-3.225+04	6.495-03	-3.595-03	0.00E+00	2.995+19	9.275+00	4.295+08	1.795+02	-1.135+01	0.00E+00	0.00E+00	-2.315+01	7.995+03	-1.425+00	0.00E+00	4.355+08	-2.935+07	-1.245-02	0.00E+00	-6.255+00	0.00E+00	-1.695+01	-3.225+04	-1.695+01	-2.235+01	-6.255+00				

HW2W412FS	9.95E-01	4.33E-01	4.55E-01	4.28E-01	0.00E+00	0.00E+00	1.23E-01	3.19E-01	3.51E-01	0.00E+00	7.78E-11	1.63E-01	2.22E-01	7.49E-01	2.73E+00	0.00E+00	0.00E+00	6.36E-01	2.87E-11	1.72E-01	0.00E+00	1.66E-01	7.73E-01	8.22E-01	0.00E+00	1.29E+01	0.00E+00	1.72E+01	3.35E-01	1.72E-01	1.89E-01	1.29E+01	0.00E+00	0.00E+00	0.00E+00	2.18E-01	
HW2W416DS	2.18E-01	3.11E-01	1.95E-01	2.92E-01	0.00E+00	0.00E+00	6.08E-01	1.15E-01	9.93E-01	4.01E-01	0.00E+00	2.42E-11	9.62E-11	1.51E-01	9.03E-01	9.26E-01	0.00E+00	0.00E+00	4.01E-01	8.29E-11	6.31E-01	0.00E+00	4.79E-01	1.70E-01	1.13E-01	0.00E+00	4.30E-01	0.00E+00	6.31E-01	1.97E-01	8.31E-01	5.48E+00	4.39E-01	0.00E+00	0.00E+00	1.44E-01	
HW2W416FS	-3.59E-01	3.02E-01	4.48E-01	3.03E-01	0.00E+00	0.00E+00	-1.30E+00	4.36E-01	1.72E-01	2.95E-01	0.00E+00	5.53E-11	-2.53E-01	-4.25E-01	3.01E-01	1.49E-01	0.00E+00	0.00E+00	-3.85E+00	2.11E-11	1.71E-01	0.00E+00	7.21E-01	-2.18E-01	3.37E-01	0.00E+00	-5.80E-01	0.00E+00	1.71E+00	-2.96E-01	1.71E+00	1.69E+00	-5.80E-01	0.00E+00	0.00E+00	-1.85E-01	
HW2W420DS	9.97E-01	4.31E-01	4.56E-01	4.29E-01	0.00E+00	0.00E+00	8.36E-01	1.23E-01	3.51E-01	0.00E+00	7.86E-11	1.63E-01	2.22E-01	7.59E-01	2.70E+00	0.00E+00	0.00E+00	6.37E+00	2.89E-11	1.73E-01	0.00E+00	1.66E-01	7.74E-01	8.22E-01	0.00E+00	1.29E+01	0.00E+00	1.73E+01	3.33E-01	1.73E-01	1.88E-01	1.29E+01	0.00E+00	0.00E+00	0.00E+00	2.18E-01	
HW2W420FS	-8.27E-01	-1.02E+00	-1.17E-01	-3.02E+00	0.00E+00	0.00E+00	-3.62E+00	-6.26E-01	-4.02E-01	0.00E+00	-7.66E-11	-1.83E-01	-2.32E-01	-1.50E-01	-2.94E-01	-1.23E+00	0.00E+00	0.00E+00	-4.79E+00	-2.92E-11	-1.69E-01	0.00E+00	-4.23E-01	-8.32E-01	-3.84E-01	0.00E+00	-5.60E-01	0.00E+00	-1.71E+00	-3.68E-01	-3.64E+00	-1.17E+01	-3.64E-01	0.00E+00	0.00E+00	-2.95E-01	
HW2W425DS	2.07E-01	2.57E-01	1.91E-01	2.38E-01	0.00E+00	0.00E+00	6.06E+00	1.14E-01	5.96E-01	3.96E-01	0.00E+00	2.36E-11	1.83E-01	1.50E-01	2.96E-01	1.23E+00	0.00E+00	0.00E+00	3.96E+00	1.57E-01	2.03E-11	1.79E-01	6.14E-01	0.00E+00	6.89E-01	1.60E-01	0.00E+00	0.00E+00	-8.81E-01	0.00E+00	1.64E+00	1.53E-01	8.46E+00	1.84E-01	0.00E+00	0.00E+00	1.49E-01
HW2W425FS	-3.59E-01	3.02E-01	4.48E-01	3.03E-01	0.00E+00	0.00E+00	-1.30E+00	4.36E-01	1.72E-01	2.95E-01	0.00E+00	5.53E-11	-2.53E-01	-4.25E-01	3.01E-01	1.49E-01	0.00E+00	0.00E+00	-3.85E+00	2.11E-11	1.71E-01	0.00E+00	7.21E-01	-2.18E-01	3.37E-01	0.00E+00	-5.80E-01	0.00E+00	1.71E+00	-2.96E-01	1.71E+00	1.69E+00	-5.80E-01	0.00E+00	0.00E+00	-1.85E-01	
HF4P340DDCKH-MTS	2.43E-01	9.03E-01	6.94E+00	8.94E+01	0.00E+00	0.00E+00	1.36E+01	1.94E-01	1.68E+00	1.03E+00	0.00E+00	3.80E-11	2.48E-01	1.84E-01	4.93E+00	2.93E+01	0.00E+00	0.00E+00	1.13E+01	1.36E-11	1.47E-01	0.00E+00	1.15E-01	6.98E-01	8.97E-01	0.00E+00	1.62E+01	0.00E+00	1.47E+01	1.14E+01	1.47E+01	1.64E+01	1.83E+01	0.00E+00	0.00E+00	0.00E+00	4.20E+01
HF4P340DEKH-MTS	1.88E+00	-1.43E+01	-1.36E+01	-1.87E+01	0.00E+00	0.00E+00	6.19E+01	-2.32E+01	1.57E+00	-9.89E+01	-1.03E+01	-5.29E-01	1.30E+01	-2.49E+01	9.12E+01	0.00E+00	0.00E+00	0.00E+00	3.87E+01	-3.64E+01	1.90E+01	0.00E+00	-1.45E+01	-7.78E+01	-2.46E-01	0.00E+00	1.62E+01	0.00E+00	1.59E+01	-1.31E+01	-4.93E+01	2.29E+01	6.82E+01	0.00E+00	0.00E+00	0.00E+00	1.08E+01
HF4P440DDCKH-MTS	-1.39E-01	-3.28E-01	-2.77E+00	-3.20E+00	0.00E+00	0.00E+00	4.36E+00	-3.98E-01	-3.59E-01	0.00E+00	1.86E-11	4.04E-01	-9.58E-01	-1.71E+00	-3.28E+00	2.96E+00	0.00E+00	0.00E+00	-3.70E+00	-3.51E+01	2.03E-11	-6.79E-01	-4.87E-01	-6.85E-01	0.00E+00	-7.32E+01	0.00E+00	4.70E+01	-8.89E+01	-3.51E+01	4.23E+01	7.18E+01	0.00E+00	0.00E+00	0.00E+00	-2.94E+01	
HF4P440DEKH-MTS	-3.36E+01	-3.34E+01	-2.82E+01	-3.28E+01	0.00E+00	0.00E+00	8.39E+01	-3.34E+01	-1.54E+01	1.99E+01	0.00E+00	1.16E-11	-4.88E+01	-3.89E+01	-6.02E+01	-3.15E+01	0.00E+00	0.00E+00	-8.88E+01	2.90E-11	-3.59E+01	0.00E+00	-3.80E+01	4.90E+01	5.74E+01	0.00E+00	-7.41E+01	0.00E+00	-3.55E+01	-6.89E+01	-3.55E+01	-4.29E+01	-7.41E+01	0.00E+00	0.00E+00	0.00E+00	-2.94E+01
HF4W340DSAH-MTS	-6.15E+00	-4.21E+01	-2.26E+01	-4.19E+01	0.00E+00	0.00E+00	-1.51E+01	4.17E+01	-2.89E-01	3.44E+00	0.00E+00	-2.96E-01	7.89E-01	-7.17E-01	-1.25E+01	3.38E+01	0.00E+00	0.00E+00	-1.18E+01	-4.34E+01	4.99E+01	0.00E+00	-2.55E+01	-1.15E+01	8.83E-01	-4.95E+01	-1.22E+01	0.00E+00	-4.95E+01	-1.77E+01	-4.85E+01	4.17E+01	-1.29E+01	0.00E+00	0.00E+00	0.00E+00	-5.05E+01
HF4W440DSAH-MTS	-8.18E+00	-6.42E+01	-3.62E+01	-5.29E+01	0.00E+00	0.00E+00	-1.99E+01	4.17E+01	-3.57E-01	4.58E+00	0.00E+00	1.14E-11	-1.01E+01	-9.54E+01	-1.58E+01	7.09E+01	0.00E+00	0.00E+00	-1.55E+01	4.12E-11	4.29E+01	0.00E+00	-3.24E+01	-1.51E+01	-1.30E+01	0.00E+00	-1.59E+01	0.00E+00	6.29E+01	-2.36E+01	-4.26E+01	7.89E+01	-1.59E+01	0.00E+00	0.00E+00	0.00E+00	-6.89E+01
HF4P340DFCKH-MTS	1.26E+00	5.72E-01	3.71E-01	5.39E+01	0.00E+00	0.00E+00	7.49E+01	6.67E+01	4.94E+01	5.93E+01	0.00E+00	-2.96E-01	1.36E-01	9.62E+01	6.79E+01	2.22E+00	0.00E+00	0.00E+00	3.90E+01	-1.06E+01	2.09E+01	0.00E+00	6.36E+01	2.14E+01	-4.95E+01	0.00E+00	1.09E+01	0.00E+00	8.30E+01	5.61E+01	8.42E+01	3.36E+01	1.05E+01	0.00E+00	0.00E+00	0.00E+00	2.32E+01
HF4P340FEKH-MTS	1.26E+00	5.61E+01	3.65E+01	6.64E+01	0.00E+00	0.00E+00	7.49E+01	6.76E+01	4.84E+01	5.71E+01	0.00E+00	-2.10E+01	1.34E-01	9.36E+01	1.46E+01	2.03E+01	0.00E+00	0.00E+00	3.90E+01	1.74E-01	7.83E+01	0.00E+00	6.26E+01	3.43E+01	1.00E+01	0.00E+00	8.61E+01	0.00E+00	7.83E+01	5.38E+01	7.83E+01	8.74E+01	1.01E+01	0.00E+00	0.00E+00	0.00E+00	2.19E+01
HF4P440DFCKH-MTS	1.63E+00	6.69E+01	4.76E+01	6.22E+01	0.00E+00	0.00E+00	9.41E+01	1.02E+01	1.12E+01	6.99E+01	0.00E+00	2.81E-01	1.68E-01	1.24E+01	1.69E+01	2.88E+01	0.00E+00	0.00E+00	1.74E+01	8.40E-01	9.09E+01	0.00E+00	7.89E+01	4.49E+01	2.83E+01	0.00E+00	1.12E+01	0.00E+00	9.88E+01	6.52E+01	9.88E+01	1.13E+01	1.12E+01	0.00E+00	0.00E+00	0.00E+00	2.79E+01
HF4P440FEKH-MTS	1.28E+00	-5.40E+01	2.88E+01	4.43E+01	0.00E+00	0.00E+00	4.20E+01	-1.98E+01	1.06E+00	-3.49E+01	0.00E+00	1.15E-11	-3.56E-01	1.01E+01	2.02E+01	1.22E+01	0.00E+00	0.00E+00	2.27E+01	5.02E-01	1.20E+01	0.00E+00	2.77E+01	-6.09E-01	4.61E+01	0.00E+00	5.38E+01	0.00E+00	1.20E+01	-8.86E+01	1.20E+01	1.74E+01	5.38E+01	0.00E+00	0.00E+00	0.00E+00	7.77E+01
HF4W340FSAH-MTS	5.67E-01	4.38E+01	1.31E+01	1.49E+01	0.00E+00	0.00E+00	2.21E+01	3.82E+01	4.04E+01	1.74E+01	0.00E+00	4.60E-11	4.20E+01	4.35E+01	9.93E+01	8.16E+01	0.00E+00	0.00E+00	2.09E+01	1.75E-01	2.42E+01	0.00E+00	1.87E+01	1.25E+01	7.45E+01	0.00E+00	3.40E+01	0.00E+00	2.40E+01	9.86E+01	2.40E+01	2.75E+01	3.40E+01	0.00E+00	0.00E+00	0.00E+00	7.88E+01
HF4W440FSAH-MTS	-4.13E+00	-1.51E+01	-3.35E+01	-5.99E+01	0.00E+00	0.00E+00	-2.01E+01	-3.98E+01	-3.82E-01	4.62E+00	0.00E+00	8.24E-11	-1.04E+01	-9.58E+01	-1.71E+01	3.38E+01	0.00E+00	0.00E+00	-3.70E+01	-3.51E+01	2.03E-11	-6.79E-01	-4.87E-01	-6.85E-01	0.00E+00	-7.32E+01	0.00E+00	4.70E+01	-8.89E+01	-3.51E+01	4.23E+01	7.18E+01	0.00E+00	0.00E+00	0.00E+00	-2.94E+01	
HF4W442FSAI-MTS	-8.18E+00	-6.42E+01	-3.62E+01	-5.29E+01	0.00E+00	0.00E+00	-1.99E+01	4.17E+01	-3.57E-01	4.58E+00	0.00E+00	1.13E-11	-1.01E+01	-9.54E+01	-1.58E+01	7.09E+01	0.00E+00	0.00E+00	-1.55E+01	4.12E-11	4.29E+01	0.00E+00	-3.24E+01	-1.51E+01	-1.30E+01	0.00E+00	-1.59E+01	0.00E+00	6.29E+01	-2.36E+01	-4.26E+01	7.89E+01	-1.59E+01	0.00E+00	0.00E+00	0.00E+00	-6.89E+01
HF4W4440FSAI-MTS	-6.19E+00	-5.68E+01	-3.68E+01	-5.49E+01	0.00E+00	0.00E+00	-2.01E+01	4.18E+01	-3.59E-01	4.58E+00	0.00E+00	7.04E-11	-1.03E+01	-9.55E+01	-1.68E+01	7.13E+01	0.00E+00	0.00E+00	-1.57E+01	2.86E-11	4.38E+01	0.00E+00	3.41E+01	-1.53E+01	-1.31E+01	0.00E+00	-1.62E+01	0.00E+00	5.89E+01	-2.36E+01	-4.58E+01	4.29E+01	-1.62E+01	0.00E+00	0.00E+00	0.00E+00	-6.72E+01
HF4S432FCJ-MTS	-1.67E+01	9.68E-01	2.23E+01	9.49E+01	0.00E+00	0.00E+00	3.75E+01	1.68E+01	-7.17E-01	9.28E+00	0.00E+00	1.53E-11	-2.01E+01	-1.95E+01	-4.43E+01	1.44E+01	0.00E+00	0.00E+00	-2.89E+01	5.08E-01	9.38E+01	0.00E+00	4.11E+01	-2.09E+01	2.82E+01	0.00E+00	-2.01E+01	0.00E+00	9.38E+01	-4.82E+01	-3.38E+01	1.24E+01	-2.97E+01	0.00E+00	0.00E+00	0.00E+00	-1.28E+01
HF4S440FCJ-MTS	-1.67E+01	9.68E-01	2.23E+01	9.49E+01	0.00E+00	0.00E+00	3.75E+01	1.68E+01	-7.17E-01	9.28E+00	0.00E+00	1.53E-11	-2.01E+01	-1.95E+01	-4.43E+01	1.44E+01	0.00E+00	0.00E+00	-2.89E+01	5.08E-01	9.38E+01	0.00E+00	4.11E+01	-2.09E+01	2.82E+01	0.00E+00	-2.01E+01	0.00E+00	9.38E+01	-4.82E+01	-3.38E+01	1.24E+01	-2.97E+01	0.00E+00	0.00E+00	0.00E+00	-1.28E+01
HW4P432FB	-6.54E-01	-9.18E+01	-1.18E-01	-4.13E+01	0.00E+00	0.00E+00	1.76E+01	-6.60E-01	-3.26E+01	-4.64E+00	0.00E+00	-4.57E-01	1.01E+01	-9.86E-01	-2.27E+01	3.24E+01	0.00E+00	0.00E+00	-1.48E+01	3.96E+01	7.89E+01	0.00E+00	-3.41E+01	-2.06E+01	-1.59E+01	0.00E+00	-1.54E+01	0.00E+00	7.83E+01	5.38E+01	7.83E+01	8.74E+01	1.01E+01	0.00E+00	0.00E+00	0.00E+00	-6.37E+01
HW4P432FE	8.85E-01	4.65E-01	2.88E+01	4.39E+01	0.00E+00	0.00E+00	6.65E+01	5.15E+01	9.89E-01	4.71E+01	0.00E+00	2.94E-01	1.13E-01	6.70E+01	4.19E+01	1.62E+01	0.00E+00	0.00E+00	1.74E+01	7.20E-01	6.82E+01	0.00E+00	5.50E+01	2.79E+01	1.86E+01	0.00E+00	8.62E+01	0.00E+00	8.62E+01	5.69E+01	6.82E+01	7.58E+01	6.82E+01	0.00E+00	0.00E+00	0.00E+00	

HW4W316FS	5.88E-03	3.27E+00	2.27E-02	3.29E+00	0.00E+00	0.00E+00	3.94E-03	2.49E-02	0.00E+00	6.07E-19	5.93E-09	4.20E-09	6.02E-02	4.69E-02	0.00E+00	-1.18E+00	2.29E-18	5.90E+00	0.00E+00	9.54E-08	2.62E-09	3.92E-03	0.00E+00	2.15E-03	0.00E+00	5.30E+00	-1.07E+00	5.30E+00	5.53E+00	2.15E-03	0.00E+00	0.00E+00	-7.72E-02				
HW4W320DS	-3.08E-03	-1.09E+00	-8.55E-03	-1.08E+00	0.00E+00	0.00E+00	-2.08E+00	-2.49E-04	3.47E-04	-8.82E-03	0.00E+00	-2.96E-07	-7.39E-03	-1.40E-08	-1.36E-02	2.28E+01	0.00E+00	-5.42E+00	-1.08E-04	-6.37E+00	0.00E+00	-3.64E-08	-7.45E-08	-9.32E-03	-6.92E-08	-3.59E+00	0.00E+00	8.37E+00	-1.44E+00	-8.37E+00	-3.20E+01	-3.59E+00	0.00E+00	0.00E+00	-2.29E-02		
HW4W320FS	1.06E-02	4.12E+00	4.43E-02	4.07E+00	0.00E+00	0.00E+00	7.95E+00	9.89E-04	3.98E-03	3.43E-02	0.00E+00	-2.96E-07	1.03E-09	2.53E-08	1.17E-02	7.53E+00	0.00E+00	0.00E+00	4.40E+00	-1.06E-04	1.83E+01	0.00E+00	1.55E-07	6.93E+00	8.84E-03	-6.92E-08	-3.02E+01	0.00E+00	1.63E+01	1.87E+00	1.83E+01	1.60E+01	-3.02E+01	0.00E+00	0.00E+00	1.78E-02	
HW4P325DB	1.21E-02	2.62E+00	3.72E-02	2.58E+00	0.00E+00	0.00E+00	2.86E+00	3.43E-04	8.83E-03	2.27E-02	0.00E+00	-1.02E-08	8.18E-09	4.80E-08	4.47E-02	4.45E+01	0.00E+00	0.00E+00	3.93E-01	-3.64E-04	3.37E+00	0.00E+00	9.68E-08	-2.92E+00	3.95E-03	-2.46E-07	-5.40E+00	0.00E+00	3.97E+00	-1.64E+00	3.97E+00	1.63E+00	-6.40E+00	0.00E+00	0.00E+00	-5.32E-03	
HW4P325DE	-9.35E-02	2.27E+00	3.22E-02	2.23E+00	0.00E+00	0.00E+00	2.92E+00	-3.07E-03	-6.87E-03	-3.44E-02	0.00E+00	-2.87E-09	-2.67E-09	-1.05E-08	-3.96E-02	4.99E+01	0.00E+00	0.00E+00	-1.28E+01	7.02E-20	3.37E+00	0.00E+00	9.25E-08	-7.14E-07	3.92E+00	0.00E+00	2.25E-08	6.64E+00	0.00E+00	1.82E+01	-2.75E+00	-1.82E+01	2.77E+01	6.44E+00	0.00E+00	0.00E+00	-1.03E-03
HW4P325FB	1.18E-02	3.26E+00	3.22E-02	2.44E+00	0.00E+00	0.00E+00	2.98E+00	-3.67E-04	8.73E-03	2.38E-02	0.00E+00	-1.02E-04	6.43E-09	4.88E-08	3.97E-02	5.61E+01	0.00E+00	0.00E+00	0.00E+00	2.20E+00	3.96E+00	0.00E+00	8.66E-08	-6.94E+00	3.86E-03	-2.46E-07	-6.46E+00	0.00E+00	2.20E+00	-1.89E+00	2.20E+00	-6.46E+00	0.00E+00	0.00E+00	-1.59E-03		
HW4P325FE	-9.34E-02	2.28E+00	3.22E-02	2.23E+00	0.00E+00	0.00E+00	2.49E+00	-8.08E-03	-4.89E-03	-4.35E-02	0.00E+00	1.31E-29	-2.67E-08	-1.05E-08	-3.76E-02	4.94E+01	0.00E+00	0.00E+00	-1.28E+01	5.03E-20	3.17E+00	0.00E+00	8.52E-08	-2.79E-07	-1.96E-02	9.93E+00	-7.89E+00	0.00E+00	1.87E+01	-2.75E+00	-1.87E+01	-2.85E+01	7.93E+00	0.00E+00	0.00E+00	-1.03E-03	
HW4P332DB	-1.91E-03	-2.13E-02	-4.68E+00	-2.08E-02	0.00E+00	0.00E+00	-4.83E+03	-1.90E+00	-8.89E-01	1.13E+01	0.00E+00	-1.02E-04	-2.99E-08	-2.21E-04	-4.84E+00	4.89E+03	0.00E+00	0.00E+00	-4.55E+03	-3.64E-04	-2.28E+03	0.00E+00	1.12E-05	-4.11E+00	-3.36E+00	-2.46E-07	-4.44E+02	0.00E+00	-2.28E+03	-5.15E-02	-2.26E+03	-2.70E+03	-4.44E+02	0.00E+00	0.00E+00	-1.73E+00	
HW4P332DE	-1.92E+01	-2.28E+02	4.78E+00	2.23E-02	0.00E+00	0.00E+00	-4.83E+03	-1.90E+00	-8.89E-01	1.14E+01	0.00E+00	-1.02E-04	-2.99E-08	-2.21E-04	-4.78E+00	4.92E+03	0.00E+00	0.00E+00	-4.52E+03	-3.64E-04	-2.28E+03	0.00E+00	1.14E+05	-4.14E+00	-3.36E+00	-2.46E-07	-4.44E+02	0.00E+00	-2.31E+03	-5.15E-02	-2.26E+03	-2.70E+03	-4.44E+02	0.00E+00	0.00E+00	-1.73E+00	
HW4P332FB	4.38E+00	2.33E+01	3.07E-03	2.23E+01	0.00E+00	0.00E+00	1.82E+03	-6.46E+01	-3.84E-01	3.42E+02	0.00E+00	-1.02E-04	2.99E-08	-7.26E-05	4.84E+00	4.94E+03	0.00E+00	0.00E+00	-4.56E+03	-3.64E-04	-2.28E+03	0.00E+00	1.16E+05	-1.09E+00	-8.75E+00	-2.46E-07	-4.44E+02	0.00E+00	-2.78E+03	-1.86E+02	-1.76E+03	-2.78E+03	-1.86E+02	0.00E+00	0.00E+00	-6.82E-04	
HW4P332FE	6.92E-03	3.58E+01	2.38E+00	3.32E+01	0.00E+00	0.00E+00	5.29E+02	1.03E+03	4.44E-01	3.74E+01	0.00E+00	1.72E-17	9.51E-08	5.20E-08	2.69E+00	4.27E+01	0.00E+00	0.00E+00	4.23E+02	5.90E-17	5.75E+00	0.00E+00	4.34E+00	2.32E+00	1.32E+01	0.00E+00	5.64E+01	0.00E+00	5.75E+02	8.93E+00	5.75E+02	6.22E+02	5.64E+01	0.00E+00	0.00E+00	1.54E+04	
HW4W425DE	5.79E-03	-1.78E+00	1.43E-02	-1.74E+00	0.00E+00	0.00E+00	9.25E-02	-4.03E+00	7.98E-03	-1.06E-02	0.00E+00	-1.02E-04	-1.03E-08	-1.67E+00	-8.66E-05	3.32E+01	0.00E+00	0.00E+00	-3.06E+00	-3.64E-04	-4.29E+00	0.00E+00	-1.94E-08	-1.06E-07	8.48E-03	-2.46E-07	-9.24E+00	0.00E+00	2.45E+00	-2.32E+00	-4.29E+00	-1.75E+01	9.11E+00	0.00E+00	0.00E+00	-1.42E-02	
HW4P340DB	-3.86E+01	9.87E+01	2.04E+00	9.36E+01	0.00E+00	0.00E+00	-4.05E+03	-1.87E+00	-7.88E-01	1.01E+01	0.00E+00	2.21E-17	-2.22E-09	5.67E+00	-4.73E-01	1.56E+03	0.00E+00	0.00E+00	-3.22E+03	7.41E-17	9.88E+00	0.00E+00	3.38E+00	-3.28E+00	2.88E+00	0.00E+00	-1.31E+00	0.00E+00	8.88E+02	-5.98E+01	-8.88E+02	1.20E+03	9.12E+01	0.00E+00	0.00E+00	-1.40E+05	
HW4W340DE	-1.98E+01	9.87E+01	2.04E+00	9.36E+01	0.00E+00	0.00E+00	-4.05E+03	-1.87E+00	-7.88E-01	1.01E+01	0.00E+00	2.21E-17	-2.22E-09	2.17E+00	-4.73E-01	1.56E+03	0.00E+00	0.00E+00	-3.22E+03	7.29E-17	9.88E+00	0.00E+00	3.38E+00	-3.28E+00	2.88E+00	0.00E+00	-1.31E+00	0.00E+00	9.00E+02	-5.98E+01	-8.88E+02	1.20E+03	9.12E+01	0.00E+00	0.00E+00	-1.40E+05	
HW4W325DS	2.07E-03	2.27E+01	1.78E-02	2.16E+01	0.00E+00	0.00E+00	1.56E+00	1.08E+00	6.44E-04	3.30E+01	0.00E+00	2.16E-10	9.70E-10	1.51E+00	2.72E-05	6.25E+00	0.00E+00	0.00E+00	1.88E+00	1.73E+00	5.64E+00	0.00E+00	4.26E+00	1.46E+00	9.58E+00	0.00E+00	-9.17E+01	0.00E+00	5.64E+00	1.46E+00	9.54E+00	1.73E+00	5.64E+00	0.00E+00	0.00E+00	1.32E-02	
HW4W325FS	-3.83E-03	1.55E-03	1.53E-02	1.59E-03	0.00E+00	0.00E+00	4.65E+00	-6.25E-04	4.44E-05	2.70E-06	0.00E+00	2.09E-29	2.95E-10	-5.12E-08	2.44E-02	1.18E+01	0.00E+00	0.00E+00	2.45E+00	7.07E-19	4.69E+00	0.00E+00	3.76E+00	2.89E+00	1.37E+00	0.00E+00	1.12E+00	0.00E+00	4.89E+00	-4.42E+02	4.89E+00	3.77E+00	1.12E+00	0.00E+00	0.00E+00	8.09E-03	
HW4W332DS	9.86E-03	4.22E+00	4.36E-02	4.18E+00	0.00E+00	0.00E+00	7.88E+00	1.14E+00	3.25E-03	3.44E-02	0.00E+00	7.53E-19	1.54E+00	2.22E+00	7.19E-02	2.44E+00	0.00E+00	0.00E+00	0.04E+00	2.79E-18	1.84E+01	0.00E+00	1.55E+07	7.50E+00	8.06E-03	0.00E+00	1.02E+00	0.00E+00	1.66E+01	2.99E+00	1.66E+01	1.78E+01	-1.25E+00	0.00E+00	0.00E+00	2.05E-02	
HW4W332FS	-1.96E-03	2.38E+00	1.45E-02	2.87E+00	0.00E+00	0.00E+00	-1.58E+00	-7.88E+04	1.64E-03	1.94E-02	0.00E+00	5.37E-19	-7.09E+00	-8.07E+00	2.93E-02	-1.740E+01	0.00E+00	0.00E+00	-3.80E+00	2.05E-18	1.93E+00	0.00E+00	7.08E+00	-2.09E+00	2.25E-03	0.00E+00	-1.75E+01	0.00E+00	1.95E+00	-2.75E+02	1.95E+00	1.77E+00	-1.75E+01	0.00E+00	0.00E+00	1.83E+00	
HW4W340DS	9.86E-03	4.28E+00	4.42E-02	4.24E+00	0.00E+00	0.00E+00	7.88E+00	1.14E+00	3.25E-03	3.44E-02	0.00E+00	7.61E-19	1.55E+00	2.22E+00	7.19E-02	2.44E+00	0.00E+00	0.00E+00	0.04E+00	2.79E-18	1.84E+01	0.00E+00	1.55E+07	7.50E+00	8.06E-03	0.00E+00	1.02E+00	0.00E+00	1.66E+01	2.99E+00	1.66E+01	1.78E+01	-1.25E+00	0.00E+00	0.00E+00	2.05E-02	
HW4W340FS	-9.72E-03	-9.98E+01	-1.14E-02	-8.88E+01	0.00E+00	0.00E+00	-3.83E+03	-7.88E+04	-8.80E-04	-1.17E-02	0.00E+00	1.93E+01	-7.72E+00	-8.77E+00	-1.51E-02	-1.21E+01	0.00E+00	0.00E+00	-6.13E+00	7.38E-21	-6.90E+00	0.00E+00	-4.03E+00	-6.08E+00	-4.83E+00	0.00E+00	-2.20E+00	0.00E+00	8.90E+00	-2.91E+00	-8.90E+00	-1.11E+01	-2.20E+00	0.00E+00	0.00E+00	-2.94E+02	
HW4W410DS	5.91E-03	5.97E+00	4.80E-02	5.03E+00	0.00E+00	0.00E+00	7.98E+00	5.22E+00	1.27E-03	3.85E-02	0.00E+00	8.96E-19	1.19E+00	-4.05E+00	8.33E-03	2.38E+00	0.00E+00	0.00E+00	8.81E+00	3.32E-18	1.90E+01	0.00E+00	1.81E+07	7.65E+00	8.81E-03	0.00E+00	1.27E+00	0.00E+00	1.90E+01	-1.15E+00	1.90E+01	2.03E+01	1.12E+00	0.00E+00	0.00E+00	1.86E+03	
HW4W410FS	2.26E-03	2.43E-01	1.88E-02	2.21E-01	0.00E+00	0.00E+00	6.29E+00	1.57E+00	8.67E-04	3.85E-03	0.00E+00	2.43E-19	1.03E+00	1.66E+00	3.04E-02	1.14E+01	0.00E+00	0.00E+00	4.14E+00	8.24E-19	6.12E+00	0.00E+00	4.77E+00	1.60E+00	1.08E-03	0.00E+00	-1.12E+00	0.00E+00	6.32E+00	1.60E+00	6.32E+00	3.20E+00	1.12E+00	0.00E+00	0.00E+00	1.49E+02	
HW4W412DS	-1.03E-02	1.14E+00	1.37E-02	1.13E+00	0.00E+00	0.00E+00	-4.13E+00	8.22E+04	-1.03E-02	-1.29E-02	0.00E+00	1.68E-21	8.79E+00	-9.12E+00	-1.72E-02	1.44E+01	0.00E+00	0.00E+00	-8.84E+00	6.45E-21	6.12E+00	0.00E+00	4.65E+00	-9.08E+00	-5.36E-03	0.00E+00	1.59E+00	0.00E+00	1.01E+01	-3.10E+01	-1.01E+01	1.27E+01	2.58E+00	0.00E+00	0.00E+00	-2.93E+02	
HW4W412FS	-6.27E-03	5.47E+00	4.47E-02	4.74E+00	0.00E+00	0.00E+00	6.46E+00	-1.76E+01	2.68E-03	3.33E-02	0.00E+00	-2.96E-07	4.99E+00	-1.06E+00	1.93E-02	6.00E+00	0.00E+00	0.00E+00	1.52E+00	1.00E+00	1.73E+01	0.00E+00	1.76E+07	4.80E+00	6.87E-03	-6.95E-08	-4.94E+01	0.00E+00	1.73E+01	-6.89E+01	1.73E+01	-1.88E+01	-4.94E+01	0.00E+00	0.00E+00	4.66E+01	
HW4W416DS	5.00E-03	3.78E+00	2.10E-02	3.76E+00	0.00E+00	0.00E+00	8.64E-02	-2.87E-04	2.76E-03	2.82E-02	0.00E+00	6.61E-19	-7.22E-09	-4.63E-08	3.93E-02	5.92E+01	0.00E+00	0.00E+00	-2.78E+00	2.53E-18	3.95E+00	0.00E+00	9.45E+00	-6.25E+00	4.26E-03	0.00E+00	1.03E+01	0.00E+00	3.85E+00	-1.39E+02	3.85E+00	3.89E+00	1.03E+01	0.00E+00	0.00E+00	-1.49E+00	
HW4S410DB	2.64E-02	5.98E+00	9.37E-02	5.77E+00	0.00E+00	0.00E+00	1.71E+01	2.62E+00	1.23E-02	5.53E-02	0.00E+00	1.23E-18	2.47E+00	1.22E+01	1.18E+01	8.50E+00	0.00E+00	0.00E+00	1.35E+01	4.54E-18	3.30E+01	0.00E+00	2.91E+07</														

HW4E320FB	1.34E-02	7.28E-01	4.97E-02	6.78E-01	0.00E+00	0.00E+00	1.37E-02	2.08E-05	7.88E-03	1.06E-02	0.00E+00	4.78E-15	1.06E-09	9.22E-08	6.84E-02	2.30E+01	0.00E+00	0.00E+00	8.00E-09	1.70E-18	1.53E-04	0.00E+00	1.21E-07	4.47E-08	1.40E-03	0.00E+00	-3.38E-08	0.00E+00	1.52E+01	2.33E-09	1.52E-01	1.20E-01	3.18E-09	0.00E+00	0.00E+00	0.00E+00	2.88E-02	
HW4S340FE	-6.41E-09	-2.69E-01	-3.22E-01	-2.68E-01	0.00E+00	0.00E+00	-3.28E-03	6.47E-01	2.88E-01	3.45E-09	0.00E+00	-2.02E-09	-7.47E-07	-7.50E-01	-1.84E-09	-6.88E-02	0.00E+00	0.00E+00	-1.05E-03	-3.64E-04	-2.13E-03	0.00E+00	-2.40E-07	-1.13E-05	-9.83E-01	-2.40E-07	-1.20E-02	0.00E+00	-2.32E-02	-1.89E-02	-2.13E-03	-3.32E-02	-1.20E-02	0.00E+00	0.00E+00	0.00E+00	-4.89E-04	
HW4E320FE	-7.72E-02	3.49E-05	3.20E-02	3.43E-09	0.00E+00	0.00E+00	1.16E-03	8.89E-01	-8.02E-04	-3.33E-02	0.00E+00	8.57E-15	8.95E-09	-9.54E-07	6.33E-03	3.45E-01	0.00E+00	0.00E+00	-4.46E-09	3.15E-18	1.13E-04	0.00E+00	1.33E-07	5.43E-08	1.56E-03	0.00E+00	-4.62E-08	0.00E+00	1.15E-03	-2.47E-04	1.13E-01	8.84E-09	4.82E-09	0.00E+00	0.00E+00	0.00E+00	-4.88E-03	
HW4E325DB	6.84E-03	-4.58E-01	1.83E-02	-4.75E-01	0.00E+00	0.00E+00	1.45E-09	3.40E-01	6.89E-03	-3.02E-03	0.00E+00	-1.02E-09	9.74E-09	4.35E-08	2.08E-02	1.48E-01	0.00E+00	0.00E+00	-2.89E-09	-3.64E-04	-9.43E-04	0.00E+00	3.71E-08	5.17E-08	-5.52E-03	-2.40E-07	3.21E-09	0.00E+00	8.04E-01	-1.71E-04	-0.04E-01	2.99E-09	4.82E-09	0.00E+00	0.00E+00	0.00E+00	-1.43E-02	
HW4E325DE	8.35E-02	3.60E-01	1.61E-01	2.65E-09	0.00E+00	0.00E+00	-2.17E-03	6.05E-01	-1.78E-03	-2.47E-02	0.00E+00	6.87E-19	1.39E-09	1.55E-01	2.47E-02	1.18E-01	0.00E+00	0.00E+00	-2.02E-09	-2.10E-01	2.55E-18	0.00E+00	6.42E-08	1.85E-07	-1.10E-02	0.00E+00	2.38E-09	0.00E+00	2.82E+00	-3.86E-04	-8.82E-09	9.15E-01	2.33E-09	1.33E-09	0.00E+00	0.00E+00	0.00E+00	-8.88E-03
HW4E325FB	-1.48E-01	8.80E-03	8.80E-03	-5.58E-01	0.00E+00	0.00E+00	1.00E+00	-1.09E-02	-3.96E-03	6.23E-02	0.00E+00	-1.02E-04	8.10E-09	-3.95E-04	3.24E-02	5.02E+00	0.00E+00	0.00E+00	-1.00E+00	-1.39E-04	3.43E-09	0.00E+00	5.68E-08	-1.88E-07	-1.43E-02	-2.40E-07	-5.01E-08	0.00E+00	4.28E+00	-3.98E-04	3.43E-09	6.90E-01	5.01E-09	0.00E+00	0.00E+00	0.00E+00	-6.40E-03	
HW4E325FE	1.75E-03	2.41E-02	3.88E-03	-1.41E-05	0.00E+00	0.00E+00	-6.59E-01	3.52E-04	4.75E-03	-9.95E-03	0.00E+00	7.83E-29	-6.49E-09	2.50E-08	-6.99E-03	-4.12E-01	0.00E+00	0.00E+00	-4.44E-09	2.53E-19	8.03E-09	0.00E+00	3.54E-08	6.88E-08	-4.83E-03	0.00E+00	8.24E-09	0.00E+00	9.01E-09	1.90E-03	8.03E-09	-1.53E-01	4.34E-07	0.00E+00	0.00E+00	0.00E+00	-1.53E-09	
HW4E332DB	1.29E+00	-3.33E-03	3.05E+00	-3.63E-01	0.00E+00	0.00E+00	4.08E+02	-2.41E-01	1.16E+00	-3.01E-01	0.00E+00	1.32E-17	5.61E-07	2.17E-04	-3.16E-01	1.20E+02	0.00E+00	0.00E+00	9.93E-01	5.07E-17	-9.10E-01	0.00E+00	2.15E-06	-2.73E-08	-1.56E-01	0.00E+00	3.50E+02	0.00E+00	4.00E+01	-1.34E-01	-6.10E-01	5.54E-01	3.58E-01	0.00E+00	0.00E+00	0.00E+00	1.89E-03	
HW4E332DE	-1.88E-01	8.94E-01	2.07E+00	9.78E-01	0.00E+00	0.00E+00	4.88E+03	-1.48E-07	7.93E-01	-1.02E+03	0.00E+00	2.15E-17	2.22E-06	2.26E-04	-1.81E-01	1.55E+03	0.00E+00	0.00E+00	-3.22E-03	7.22E-17	0.00E+00	0.00E+00	3.47E-08	3.29E-05	2.90E+00	0.00E+00	3.50E+02	0.00E+00	8.88E+02	-5.38E-02	-8.88E+00	-1.23E-03	-3.32E-02	0.00E+00	0.00E+00	0.00E+00	1.40E+09	
HW4E332FB	3.36E-01	-3.38E-01	8.07E-01	3.44E-01	0.00E+00	0.00E+00	8.00E+03	-1.87E-03	3.84E-01	3.30E-01	0.00E+00	-3.02E-06	8.41E-09	3.05E-08	-6.82E-02	8.02E+00	0.00E+00	0.00E+00	-1.55E-04	2.48E-07	6.47E-02	0.00E+00	2.87E-07	-2.83E-05	1.50E+00	0.00E+00	2.71E-07	0.00E+00	2.54E+03	-4.54E-04	2.72E-02	2.54E+03	0.00E+00	0.00E+00	0.00E+00	-5.39E-03		
HW4E332FE	3.36E-01	-3.14E-01	8.27E-01	3.22E-01	0.00E+00	0.00E+00	8.45E-01	-1.44E-02	3.85E-01	-3.05E-01	0.00E+00	4.76E-18	-3.57E-07	3.04E-08	-1.77E-09	2.02E+01	0.00E+00	0.00E+00	-1.11E-02	1.81E-17	-2.32E-02	0.00E+00	5.44E-08	-2.55E-08	-1.46E-01	0.00E+00	-1.48E-01	0.00E+00	-2.32E-02	-6.09E-04	-2.32E-02	2.47E-02	-1.48E-01	0.00E+00	0.00E+00	0.00E+00	-5.25E-03	
HW4E340DB	1.90E+00	8.59E-01	5.71E+00	8.02E-01	0.00E+00	0.00E+00	1.18E+03	2.33E-01	1.27E+00	8.95E-01	0.00E+00	3.47E-17	2.10E-07	1.46E-05	5.02E-02	2.27E+02	0.00E+00	0.00E+00	9.70E-02	1.27E-18	1.29E-03	0.00E+00	9.86E-06	5.59E-04	3.27E-01	0.00E+00	1.47E+02	0.00E+00	1.25E+03	1.55E-04	1.25E-03	1.44E+03	1.47E-02	0.00E+00	0.00E+00	0.00E+00	3.58E-04	
HW4E340DE	1.31E+00	8.32E-01	3.08E+00	3.33E-01	0.00E+00	0.00E+00	4.09E+02	-2.41E-01	1.16E+00	-3.76E-01	0.00E+00	1.32E-17	5.61E-07	2.17E-04	-3.16E-01	1.20E+02	0.00E+00	0.00E+00	9.93E-01	5.07E-17	-9.10E-01	0.00E+00	2.15E-06	-2.73E-08	-1.56E-01	0.00E+00	3.50E+02	0.00E+00	4.00E+01	-1.34E-01	-6.10E-01	5.54E-01	3.58E-01	0.00E+00	0.00E+00	0.00E+00	1.89E-03	
HW4E340FB	-6.58E+00	-2.65E-01	3.15E-02	-2.42E-01	0.00E+00	0.00E+00	1.23E+03	6.45E-01	-2.05E-01	3.42E+00	0.00E+00	-1.02E-09	-7.55E-07	-7.46E-01	8.92E-02	6.02E+00	0.00E+00	0.00E+00	-1.04E+03	-3.64E-04	-5.32E-02	0.00E+00	2.11E-07	1.13E-05	-9.77E-01	-2.40E-07	4.10E+00	0.00E+00	8.82E+00	-1.86E-02	-2.00E-02	2.90E+00	1.00E+00	0.00E+00	0.00E+00	0.00E+00	-4.62E-04	
HW4E340FE	6.84E-03	3.60E-01	3.20E-02	3.43E-09	0.00E+00	0.00E+00	1.00E+00	1.01E-04	6.45E-01	6.23E-02	0.00E+00	1.72E-15	5.54E-09	2.71E-02	7.39E-01	0.00E+00	0.00E+00	0.00E+00	-4.22E-02	5.07E-17	5.81E-02	0.00E+00	4.36E-06	2.56E-03	1.33E-01	0.00E+00	6.21E-01	0.00E+00	5.81E-02	8.86E-05	5.81E-02	4.26E-02	6.12E-01	0.00E+00	0.00E+00	0.00E+00	1.50E-04	
HW4E410DB	2.65E-02	5.88E+00	3.97E-02	5.78E+00	0.00E+00	0.00E+00	1.71E+01	2.82E-02	1.29E-01	5.59E-02	0.00E+00	4.57E-07	2.48E-09	1.22E-07	1.38E-03	8.87E+00	0.00E+00	0.00E+00	1.15E+01	-2.35E-04	3.59E-03	0.00E+00	2.52E-07	1.28E-07	1.29E-02	-1.55E-07	5.29E-02	0.00E+00	3.35E+01	5.88E+00	3.35E+01	3.35E+01	5.29E-02	0.00E+00	0.00E+00	0.00E+00	4.79E+00	
HW4E410DE	-1.36E-01	-3.42E-01	4.79E-03	-3.47E-01	0.00E+00	0.00E+00	-2.45E-01	-1.36E-02	-5.17E-03	-4.88E-02	0.00E+00	-1.02E-06	-1.86E-08	-1.81E-08	3.38E-02	4.01E-01	0.00E+00	0.00E+00	-2.07E-01	-3.64E-04	3.40E+00	0.00E+00	5.68E-08	-2.23E-07	1.96E-02	-2.40E-07	-5.98E+00	0.00E+00	1.40E+00	-3.98E-04	3.40E+00	2.58E+00	5.90E+00	0.00E+00	0.00E+00	0.00E+00	-6.37E-02	
HW4E410FB	1.68E-02	3.97E+00	5.25E-02	5.92E+00	0.00E+00	0.00E+00	4.56E+09	3.97E-04	1.12E-02	3.23E-02	0.00E+00	9.08E-19	8.43E-09	6.96E-08	7.69E-02	1.68E+01	0.00E+00	0.00E+00	1.55E+00	3.43E-18	1.98E+01	0.00E+00	1.61E-07	2.39E+00	5.19E-03	6.00E+00	-1.30E+00	0.00E+00	1.00E+01	-1.71E-01	1.08E+01	8.69E+00	-5.90E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+01	
HW4E410FE	1.90E-02	4.59E+00	8.89E-02	4.44E+00	0.00E+00	0.00E+00	5.64E+09	3.83E-04	1.19E-02	3.58E-02	0.00E+00	-3.02E-06	8.10E-09	3.05E-08	-6.82E-02	8.02E+00	0.00E+00	0.00E+00	-1.55E-04	2.48E-07	6.47E-02	0.00E+00	2.87E-07	-2.83E-05	1.50E+00	0.00E+00	2.71E-07	0.00E+00	2.54E+03	-4.54E-04	2.72E-02	2.54E+03	0.00E+00	0.00E+00	0.00E+00	-5.39E-03		
HW4E412DB	1.42E-02	2.91E+00	4.28E-02	2.87E+00	0.00E+00	0.00E+00	3.24E+00	-4.04E-04	1.07E-02	2.55E-02	0.00E+00	4.57E-07	9.71E-09	6.13E-08	4.93E-02	5.58E+01	0.00E+00	0.00E+00	8.14E-01	-2.35E-04	3.63E+00	0.00E+00	1.05E-07	-3.98E+00	3.28E-03	-1.55E-07	7.08E+00	0.00E+00	3.63E+00	-1.99E-01	3.63E+00	3.45E+00	-7.08E+00	0.00E+00	0.00E+00	0.00E+00	-7.84E-01	
HW4E412DE	-1.25E-01	4.32E+00	4.02E-02	4.48E+00	0.00E+00	0.00E+00	2.12E+01	1.36E-01	-3.09E-03	-3.68E-02	0.00E+00	-1.02E-06	-1.48E-08	-1.86E-08	9.03E-02	3.51E+01	0.00E+00	0.00E+00	-1.57E-01	-3.64E-04	1.77E+01	0.00E+00	1.96E-07	-1.43E-07	1.88E-02	-2.40E-07	-3.18E+00	0.00E+00	1.77E+01	-3.94E-04	1.77E+01	1.45E+01	4.74E+00	0.00E+00	0.00E+00	0.00E+00	-7.58E-03	
HW4E412FB	1.57E-02	4.40E-01	5.90E-02	4.20E-01	0.00E+00	0.00E+00	1.40E-01	2.03E-01	9.33E-03	1.00E-02	0.00E+00	3.16E-19	2.50E-09	1.13E-07	7.21E-02	4.22E+01	0.00E+00	0.00E+00	1.12E+01	1.78E-18	1.34E+01	0.00E+00	1.26E-07	4.61E-08	5.47E-03	0.00E+00	4.78E+00	0.00E+00	1.65E+01	4.13E-04	1.65E+01	1.18E+01	4.78E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-02	
HW4E412FE	1.57E-02	4.40E-01	5.90E-02	4.20E-01	0.00E+00	0.00E+00	1.40E-01	2.03E-01	9.33E-03	1.00E-02	0.00E+00	3.16E-19	2.50E-09	1.13E-07	7.21E-02	4.22E+01	0.00E+00	0.00E+00	1.12E+01	1.78E-18	1.34E+01	0.00E+00	1.26E-07	4.61E-08	5.47E-03	0.00E+00	4.78E+00	0.00E+00	1.65E+01	4.13E-04	1.65E+01	1.18E+01	4.78E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-02	
HW4E312DB	-1.02E-01	6.10E+00	4.88E-03	1.55E+00	0.00E+00	0.00E+00	1.50E+00	-1.12E-02	-2.99E-03	-3.86E-02	0.00E+00	8.25E-14	3.94E-09	7.50E-08	1.30E-02	3.45E+01	0.00E+00	0.00E+00	0.00E+00	2.01E-01	2.38E-01	0.00E+00	3.94E-08	-2.40E-07	1.52E-02	0.00E+00	-5.97E+00	0.00E+00	1.65E+00	-3.31E-04	8.85E+00	1.26E+01	5.97E+00	0.00E+00	0.00E+00	0.00E+00	-1.14E-03	
HW4E312DE	2.62E-03	-1.22E+00	8.61E-03	-1.32E+00	0.00E+00	0.00E+00	5.08E-01	3.52E-01	4.74E-03	-9.65E-03	0.00E+00	8.52E-29	-6.49E-09	2.54E-08	-6.99E-03	-4.12E-01	0.00E+00	0.00E+00	-4.22E-02	3.27E-19	8.03E-09	0.00E+00	4.23E-08	6.88E-08	-4.86E-03	0.00E+00	8.24E-09	0.00E+00	9.01E-09	1.90E-03	8.03E-09	-1.53E-01	4.34E-07					

HWY145HSA	-3.76E-02	-5.03E-02	-5.47E-02	-5.00E+00	0.00E+00	-1.58E-01	-4.32E-03	-5.14E-02	0.00E+00	-1.11E-14	-4.37E-08	-1.54E-07	-3.94E-01	7.43E+00	0.00E+00	0.00E+00	-3.00E-02	-2.21E-18	-5.99E-01	0.00E+00	-2.19E-07	-4.85E-07	-4.42E-02	0.00E+00	-3.43E-08	0.00E+00	5.06E-01	-8.53E-08	-5.06E-01	-5.40E-01	-3.41E+00	0.00E+00	0.00E+00	0.00E+00	-1.29E-03						
HWY150HSA	-3.64E-02	-2.22E-02	-2.43E-02	-2.19E+00	0.00E+00	0.00E+00	0.86E+00	-4.96E-04	-1.91E-03	-2.27E-02	0.00E+00	0.43E-17	-1.93E-08	-4.82E-08	-2.73E-01	-3.28E+00	0.00E+00	0.00E+00	-1.39E-01	-1.68E-18	-2.29E-01	0.00E+00	9.70E-08	-1.79E-07	-1.07E-02	0.00E+00	-1.51E+00	0.00E+00	-2.26E-01	-3.76E-05	-2.26E-01	-2.42E-01	-1.51E+00	0.00E+00	0.00E+00	0.00E+00	-5.89E-02				
HWY151HSA	-2.18E-02	-2.98E-01	-3.24E-02	-2.92E+00	0.00E+00	0.00E+00	0.15E+00	0.27E-04	-1.93E-03	-3.93E-02	0.00E+00	-1.11E-14	-2.57E-08	-9.05E-08	-3.03E-01	4.37E+00	0.00E+00	0.00E+00	-1.82E-01	-2.21E-18	-3.03E-01	0.00E+00	-1.29E-07	-2.39E-07	-1.42E-02	0.00E+00	-2.01E+00	0.00E+00	0.00E+00	-5.02E-01	-5.02E-01	-3.01E-01	-2.21E-01	-2.01E+00	0.00E+00	0.00E+00	0.00E+00	-7.59E-02			
HWY162H	1.57E-01	3.89E-02	3.57E-01	3.53E+00	0.00E+00	0.00E+00	0.56E+01	-2.03E-04	1.14E-01	4.30E-02	0.00E+00	1.18E-18	7.63E-09	1.20E-04	2.88E-01	2.51E+01	0.00E+00	0.00E+00	5.42E-01	4.54E-18	0.04E+01	0.00E+00	4.84E-07	3.09E-07	1.84E-02	0.00E+00	-9.00E+00	0.00E+00	0.04E+01	-5.42E-08	0.04E+01	7.00E-01	0.84E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-03				
HWY162HSA	-1.74E+00	1.12E-01	1.46E-01	-1.27E+01	0.00E+00	0.00E+00	-4.27E+01	-1.74E-01	-7.68E-01	-8.82E-01	0.00E+00	0.00E+00	-2.38E-07	-2.02E-05	-3.65E-01	1.50E+00	0.00E+00	0.00E+00	-3.34E-02	0.00E+00	-7.75E-07	-3.26E-08	-2.80E-01	0.00E+00	3.03E-01	0.00E+00	0.00E+00	1.43E+00	-5.02E-01	-4.83E-02	-1.77E+00	-3.43E-01	0.00E+00	0.00E+00	0.00E+00	-1.43E-04					
HWY163H	-2.32E+00	-1.68E-01	-1.86E-01	-1.61E+01	0.00E+00	0.00E+00	-4.70E+01	-2.33E-01	-3.02E-01	-3.30E+00	0.00E+00	1.46E-19	1.89E-07	-1.76E-04	-3.98E-01	1.98E+00	0.00E+00	0.00E+00	-3.00E+00	-1.81E-02	0.00E+00	-5.51E-07	-4.29E-08	-3.70E-01	0.00E+00	-4.46E+01	0.00E+00	0.00E+00	-1.81E-02	-6.67E-01	-1.81E-02	-2.86E-02	-1.46E+00	0.00E+00	0.00E+00	0.00E+00	-1.88E-04				
HWY163HSA	-2.32E+00	-1.68E-01	-1.86E-01	-1.61E+01	0.00E+00	0.00E+00	-4.70E+01	-2.33E-01	-3.02E-01	-3.30E+00	0.00E+00	1.46E-19	1.89E-07	-1.76E-04	-3.98E-01	1.98E+00	0.00E+00	0.00E+00	-3.00E+00	-1.81E-02	0.00E+00	-5.51E-07	-4.29E-08	-3.70E-01	0.00E+00	-4.46E+01	0.00E+00	0.00E+00	-1.81E-02	-6.67E-01	-1.81E-02	-2.86E-02	-1.46E+00	0.00E+00	0.00E+00	0.00E+00	-1.88E-04				
HW1E3042B	1.74E-01	4.39E+00	4.25E-01	3.97E+00	0.00E+00	0.00E+00	0.67E+01	-0.03E-04	1.17E-01	4.78E-02	0.00E+00	2.10E-18	-1.24E-09	1.29E-04	5.52E-01	2.43E+01	0.00E+00	0.00E+00	5.52E-01	7.95E-18	7.77E-01	0.00E+00	0.67E-07	2.58E-07	1.57E-02	0.00E+00	1.00E+01	0.00E+00	1.77E+01	-3.86E-08	7.27E-01	0.31E+01	0.01E+01	0.00E+00	0.00E+00	0.00E+00	1.89E-03				
HW1E3062B	1.51E-01	9.38E+00	4.16E-01	3.94E+00	0.00E+00	0.00E+00	0.19E+01	-2.83E-02	1.12E-01	3.68E-02	0.00E+00	2.10E-18	-1.53E-09	1.04E-04	3.44E-01	1.94E+01	0.00E+00	0.00E+00	5.00E+00	1.97E-18	7.10E+00	0.00E+00	0.61E-07	2.12E-07	1.24E-02	0.00E+00	-8.14E+00	0.00E+00	7.00E+01	-1.30E-04	7.00E+01	7.94E+01	0.01E+01	0.00E+00	0.00E+00	1.80E-03					
HW1E3082B	1.95E-01	4.39E+00	3.06E-01	6.87E+00	0.00E+00	0.00E+00	0.95E+01	-7.59E-01	1.23E-01	9.22E-02	0.00E+00	2.88E-18	1.27E-09	1.04E-04	3.67E-01	2.53E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-17	1.13E-02	3.30E-01	0.00E+00	1.04E+01	0.00E+00	1.15E+00	5.58E+00	1.15E+01	3.00E+01	1.84E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-03					
HW1E1012B	1.54E-01	5.42E+00	4.22E-01	4.99E+00	0.00E+00	0.00E+00	0.20E+01	-2.83E-01	1.12E-01	4.48E-02	0.00E+00	2.24E-18	-1.49E-09	1.04E-04	3.57E-01	2.55E+01	0.00E+00	0.00E+00	5.12E-01	0.51E-18	7.13E+00	0.00E+00	0.93E-07	2.20E-07	1.43E-02	0.00E+00	1.05E+01	0.00E+00	7.33E+01	-1.09E-04	7.33E+01	0.38E+01	1.05E+01	0.00E+00	0.00E+00	0.00E+00	1.82E-03				
HW1E1012B	1.74E-01	8.74E+00	5.17E-01	8.23E+00	0.00E+00	0.00E+00	0.19E+01	-1.84E-04	1.19E-01	8.09E-02	0.00E+00	2.88E-18	-1.49E-09	1.18E-04	4.95E-01	1.75E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-17	1.06E-07	5.77E-07	5.77E-07	1.36E-02	0.00E+00	1.38E+01	0.00E+00	1.22E+02	-5.34E-08	1.22E+02	1.36E+02	0.01E+01	0.00E+00	0.00E+00	0.00E+00	3.06E-03			
HW1E10162B	1.65E-01	1.12E+00	1.92E-01	0.77E-01	0.00E+00	0.00E+00	0.29E+01	-8.95E-01	1.26E-01	2.99E-02	0.00E+00	1.71E-18	-1.34E-09	1.28E-04	-2.74E-01	1.12E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-01	6.49E-18	4.78E+01	0.00E+00	4.94E-07	1.03E-07	1.02E-02	0.00E+00	-1.10E+01	0.00E+00	4.78E+01	-4.74E-05	4.78E+01	3.75E+01	-1.03E+01	0.00E+00	0.00E+00	0.00E+00	1.74E-03	
HW1M3042B	-1.95E+00	-1.37E-02	-3.74E-02	-1.28E+01	0.00E+00	0.00E+00	-4.75E+01	-1.80E-01	-5.51E-02	-1.09E+00	0.00E+00	0.92E-19	-2.64E-07	-2.27E-05	-2.34E-01	1.71E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-02	3.57E-18	-1.52E-02	0.00E+00	-6.76E-07	3.12E-02	0.00E+00	-3.86E+01	0.00E+00	1.52E+02	-5.65E-01	-1.52E-02	1.30E+02	3.58E+01	0.00E+00	0.00E+00	0.00E+00	-1.63E-04		
HW1M3062B	1.96E-01	8.42E+00	3.26E-01	8.10E+00	0.00E+00	0.00E+00	0.12E+01	-1.86E-04	1.13E-01	0.97E-02	0.00E+00	2.86E-18	1.73E-09	1.04E-04	5.06E-01	2.61E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-02	1.14E-02	3.36E-02	0.00E+00	1.41E+01	0.00E+00	1.24E+02	1.96E+01	2.46E+01	1.36E+02	1.41E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-03			
HW1M3082B	-1.91E+00	-1.09E-02	-2.97E-02	-1.99E+01	0.00E+00	0.00E+00	-4.48E+01	-1.42E-01	-0.07E-01	-1.05E+00	0.00E+00	1.40E-19	-2.49E-07	-2.24E-05	-2.26E-01	1.63E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.51E-02	5.02E-18	-1.14E-02	0.00E+00	-4.69E-07	-3.49E-08	-3.01E-01	0.00E+00	-3.49E-01	0.00E+00	-1.14E+01	-5.52E-02	-1.14E-02	-1.48E+01	-3.49E-01	0.00E+00	0.00E+00	0.00E+00	-1.52E-04	
HW1M3102B	-1.96E+00	-1.09E-01	-1.42E-01	-1.89E+01	0.00E+00	0.00E+00	-4.81E+02	-1.90E-01	-0.84E-02	-1.13E+00	0.00E+00	2.14E-19	-2.66E-07	-2.24E-05	-4.44E-01	1.11E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.87E-02	7.94E-18	-1.84E-02	0.00E+00	-0.41E-07	-3.91E-04	-3.26E-01	0.00E+00	-1.41E+01	0.00E+00	-1.84E+02	-5.96E-02	-1.84E-02	-2.44E+02	-0.01E+01	0.00E+00	0.00E+00	0.00E+00	-1.68E-04	
HW1M3122B	1.58E-01	2.27E-01	3.87E-01	-1.40E-01	0.00E+00	0.00E+00	0.51E+01	-0.00E+00	1.12E-01	1.84E-02	0.00E+00	1.51E-18	-2.09E-09	1.24E-04	2.46E-01	-1.14E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-01	8.89E-18	3.42E+01	0.00E+00	4.06E-07	1.92E+00	5.44E-01	0.00E+00	-0.10E+01	0.00E+00	3.42E+01	0.24E+01	3.42E+01	2.29E+01	-1.14E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-03	
HW1M3162B	1.76E-01	5.82E+00	3.40E-01	6.87E+00	0.00E+00	0.00E+00	0.85E+01	-0.03E-04	1.23E-01	5.99E-02	0.00E+00	2.26E-18	1.27E-09	1.04E-04	3.67E-01	2.53E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-17	1.13E-02	3.30E-01	0.00E+00	1.04E+01	0.00E+00	1.15E+00	5.58E+00	1.15E+01	3.00E+01	1.84E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-03				
HW1N3042B	1.34E-01	-1.27E+00	3.49E-01	-1.62E+00	0.00E+00	0.00E+00	0.85E+01	-5.12E-01	1.22E-01	-3.99E-03	0.00E+00	1.32E-18	-2.38E-09	8.89E-07	2.22E-01	-1.20E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-01	5.09E-18	2.89E+01	0.00E+00	3.52E-07	-4.40E-08	-4.80E-04	0.00E+00	-1.26E+01	0.00E+00	2.89E+01	-1.36E-04	2.89E+01	1.54E+01	-1.26E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03
HW1N3062B	1.91E-01	7.93E+00	5.01E-01	7.42E+00	0.00E+00	0.00E+00	0.97E+01	-7.92E-01	1.33E-01	3.24E-02	0.00E+00	2.71E-18	9.93E-09	1.46E-04	4.80E-01	1.11E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E+01	0.00E+00	1.12E+02	5.98E+00	1.12E+02	1.29E+02	1.38E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-03			
HW1N3082B	-1.94E+00	-1.43E-01	-1.18E-01	-1.37E+01	0.00E+00	0.00E+00	-4.51E+02	-1.94E-01	-0.43E-02	-1.08E+00	0.00E+00	1.06E-19	-2.36E-07	-2.26E-05	-2.73E-01	2.99E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.54E-02	3.81E-18	-1.30E+02	0.00E+00	-4.30E-07	-3.09E-04	-3.07E-01	0.00E+00	-5.00E+01	0.00E+00	1.30E+02	-5.82E-01	-1.30E+02	-1.85E+02	-5.50E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.53E-04
HW1N3102B	-1.95E+00	-1.50E-01	-1.42E-01	-1.42E+01	0.00E+00	0.00E+00	-4.83E+01	-1.95E-01	-0.73E-01	-1.13E+00	0.00E+00	7.31E-19	-2.73E-07	-2.24E-05	-3.61E-01	1.70E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.87E-02	2.79E-18	-3.85E-02	0.00E+00	-7.56E-07	-3.85E-08	-3.21E-01	0.00E+00	-5.02E+01	0.00E+00	1.48E+01	-5.86E-01	-3.21E-01	-2.25E+02	-3.52E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.65E-04
HW1N3122B	-1.96E+00	-1.19E-01	-1.00E-01	-1.36E+01	0.00E+00	0.00E+00	-4.46E+02	-1.90E-01	-0.82E-02	-1.07E+00	0.00E+00	1.07E-19	-2.36E-07	-2.24E-05	-2.78E-01	2.97E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.87E-02	7.94E-18	-1.84E-02	0.00E+00	-0.41E-07	-3.91E-04	-3.26E-01	0.00E+00	-1.41E+01	0.00E+00	-1.84E+02	-5.96E-02	-1.84E-02	-2.44E+02	-0.01E+01	0.00E+00	0.00E+00	0.00E+00	-1.68E-04	
HW1N3162B	1.71E-01	4.69E+00	4.97E-01</																																						

HW1W406ZS	2.38E-01	6.54E-00	6.10E-01	5.93E-00	0.00E+00	0.00E+00	1.11E-02	-1.84E-00	1.68E-01	8.55E-02	0.00E+00	2.96E-18	1.45E-00	1.81E-00	5.00E-01	1.27E+02	0.00E+00	0.00E+00	9.53E-01	1.09E-17	1.14E-02	0.00E+00	9.28E-07	4.69E-07	1.26E-02	0.00E+00	-7.48E+00	0.00E+00	1.16E-02	-1.53E-00	1.16E-03	1.08E-02	-7.48E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-03
HW1W408ZS	-2.52E-00	-1.83E-01	-0.58E-01	-1.77E-01	0.00E+00	0.00E+00	6.21E-02	-2.52E-01	-1.09E-01	1.42E-00	0.00E+00	9.43E-19	-3.47E-07	-2.94E-00	-4.58E-01	2.22E+02	0.00E+00	0.00E+00	-4.96E-02	3.60E-18	-2.09E+02	0.00E+00	9.56E-07	-4.87E-08	-4.12E-01	0.00E+00	-5.00E+01	0.00E+00	-2.09E-02	-7.28E-03	-2.08E+00	-2.60E-02	-5.00E+01	0.00E+00	0.00E+00	0.00E+00	-2.13E-04
HW1W410ZS	2.51E-01	1.13E-01	5.86E-01	1.07E-01	0.00E+00	0.00E+00	1.17E-02	1.17E-01	1.70E-01	1.15E-01	0.00E+00	3.58E-18	1.60E-00	1.85E-00	6.23E-01	4.09E+01	0.00E+00	0.00E+00	1.05E-02	1.32E-17	1.49E-01	0.00E+00	1.15E-04	6.73E-07	4.13E-02	0.00E+00	1.18E+01	0.00E+00	1.49E-02	1.21E-03	1.46E-03	1.67E-02	1.81E+01	0.00E+00	0.00E+00	0.00E+00	3.88E-03
HW1W412ZS	-2.52E-00	-1.83E-01	-0.57E-01	-1.82E-01	0.00E+00	0.00E+00	5.90E-02	-2.52E-01	-1.10E-01	1.41E-00	0.00E+00	1.22E-18	-3.08E-07	-2.95E-00	-4.78E-01	3.87E+02	0.00E+00	0.00E+00	4.82E-02	4.13E-18	-1.73E+02	0.00E+00	8.55E-07	-4.68E-08	-4.80E-01	0.00E+00	-7.74E+01	0.00E+00	-1.73E-02	-7.29E-03	-1.73E+02	-2.45E-02	-7.74E+01	0.00E+00	0.00E+00	0.00E+00	-2.08E-04
HW1W416ZS	-2.55E-00	-1.85E-01	-0.56E-01	-1.82E-01	0.00E+00	0.00E+00	4.38E-02	-2.55E-01	-1.12E-01	1.47E-00	0.00E+00	1.78E-19	-3.42E-07	-2.96E-00	-4.82E-01	3.98E+02	0.00E+00	0.00E+00	5.04E-02	6.02E-19	-2.02E+02	0.00E+00	1.24E-06	-5.05E-08	-4.74E-01	0.00E+00	-7.74E+01	0.00E+00	-2.42E-02	-7.38E-03	-2.42E+02	-3.17E-03	-7.74E+01	0.00E+00	0.00E+00	0.00E+00	-2.26E-04
HW2E306ZB	7.26E-01	2.14E-00	2.26E-00	-2.13E-01	0.00E+00	0.00E+00	4.66E-02	-2.56E-01	5.81E-01	3.30E-02	0.00E+00	-3.36E-14	-2.43E-07	-5.76E-00	1.20E-00	3.94E+01	0.00E+00	0.00E+00	4.48E-02	6.08E-19	2.44E-02	0.00E+00	3.07E-06	-3.26E-07	4.13E-02	0.00E+00	5.00E+01	0.00E+00	4.46E-02	-5.60E-04	2.44E-02	5.94E-02	5.00E+01	0.00E+00	0.00E+00	0.00E+00	7.76E-03
HW2E308ZB	9.23E-00	6.82E-01	4.42E-00	-6.49E-01	0.00E+00	0.00E+00	2.59E-01	6.20E-01	4.18E-01	5.34E-00	0.00E+00	5.42E-19	-1.42E-06	-1.07E-04	2.09E-00	8.19E+02	0.00E+00	0.00E+00	-1.79E-03	4.70E-18	6.20E+02	0.00E+00	3.42E-08	1.59E-05	-1.59E-00	0.00E+00	-1.79E+01	0.00E+00	-6.35E-03	-2.88E-02	-6.20E+02	-9.97E-03	-1.79E+01	0.00E+00	0.00E+00	0.00E+00	-7.79E-04
HW2E310ZB	9.23E-00	-6.77E-01	-1.45E-00	-6.63E-01	0.00E+00	0.00E+00	-2.10E-01	-9.21E-01	-4.18E-01	5.35E-00	0.00E+00	-4.43E-18	-1.41E-06	-1.07E-04	-2.11E-00	8.26E+02	0.00E+00	0.00E+00	-1.80E-03	4.71E-18	-6.35E+02	0.00E+00	3.46E-08	-1.93E-05	-1.59E-00	0.00E+00	-1.80E+01	0.00E+00	-6.35E-03	-2.88E-02	-6.35E+02	-1.02E-03	-1.79E+01	0.00E+00	0.00E+00	0.00E+00	-7.82E-04
HW2E312ZB	9.23E-00	6.77E-01	1.44E-00	-6.59E-01	0.00E+00	0.00E+00	2.09E-01	6.21E-01	4.18E-01	5.35E-00	0.00E+00	9.80E-18	-1.42E-06	-1.07E-04	1.07E-00	8.21E+02	0.00E+00	0.00E+00	-1.80E-03	4.70E-18	6.35E+02	0.00E+00	3.47E-08	1.93E-05	-1.59E-00	0.00E+00	-1.79E+01	0.00E+00	-6.31E-03	-2.88E-02	6.35E+02	-1.03E-03	-1.79E+01	0.00E+00	0.00E+00	0.00E+00	-7.82E-04
HW2E316ZB	9.51E-00	-1.42E-01	-2.70E-00	-1.39E-02	0.00E+00	0.00E+00	2.46E-01	-9.52E-01	-4.66E-01	5.90E-00	0.00E+00	-5.35E-14	-5.97E-07	-1.06E-04	-2.98E-00	3.96E+02	0.00E+00	0.00E+00	-1.83E-02	2.20E-17	-7.48E-02	0.00E+00	7.88E-07	-4.48E-03	4.13E-02	0.00E+00	-2.75E+02	0.00E+00	-1.83E-02	-1.46E-03	7.48E-02	-2.75E+02	0.00E+00	0.00E+00	0.00E+00	-6.38E-04	
HW2E320ZB	9.23E-00	6.79E-01	1.43E-00	-6.59E-01	0.00E+00	0.00E+00	2.09E-01	6.21E-01	4.17E-01	5.32E-00	0.00E+00	-4.42E-18	-1.41E-06	-1.07E-04	1.07E-00	8.21E+02	0.00E+00	0.00E+00	-1.80E-03	4.69E-18	6.24E+02	0.00E+00	3.36E-08	1.93E-05	-1.59E-00	0.00E+00	-1.77E+01	0.00E+00	-6.24E-03	-2.88E-02	6.24E+02	-1.00E-03	-1.77E+01	0.00E+00	0.00E+00	0.00E+00	-7.81E-04
HW2E325ZB	9.22E-00	-8.34E-01	-1.42E-00	-6.20E-01	0.00E+00	0.00E+00	-2.06E-01	-9.21E-01	-4.18E-01	5.32E-00	0.00E+00	1.03E-17	-1.41E-06	-1.07E-04	-2.12E-00	8.26E+02	0.00E+00	0.00E+00	-1.80E-03	4.71E-18	-6.35E+02	0.00E+00	3.46E-08	-1.93E-05	-1.59E-00	0.00E+00	-1.79E+01	0.00E+00	-6.35E-03	-2.88E-02	-6.35E+02	-1.02E-03	-1.79E+01	0.00E+00	0.00E+00	0.00E+00	-7.81E-04
HW2M306ZB	9.22E-00	8.25E-01	1.36E-00	-6.11E-01	0.00E+00	0.00E+00	-2.09E-01	-9.20E-01	-4.18E-01	5.31E-00	0.00E+00	-4.42E-18	-1.41E-06	-1.07E-04	-2.02E-00	7.94E+02	0.00E+00	0.00E+00	-1.79E-03	4.69E-18	6.24E+02	0.00E+00	3.28E-08	-1.89E-05	-1.58E-00	0.00E+00	-1.79E+01	0.00E+00	-6.07E-02	-2.88E-02	-6.24E+02	-9.81E-03	-1.79E+01	0.00E+00	0.00E+00	0.00E+00	-7.77E-04
HW2M308ZB	9.50E-00	-1.39E-01	-2.67E-01	-1.32E-02	0.00E+00	0.00E+00	2.46E-01	-9.52E-01	-4.66E-01	5.87E-00	0.00E+00	-5.81E-19	-7.78E-07	-1.06E-04	-2.98E-00	3.97E+02	0.00E+00	0.00E+00	-1.83E-02	2.20E-17	-7.48E-02	0.00E+00	7.88E-07	-4.48E-03	4.13E-02	0.00E+00	-2.75E+02	0.00E+00	-1.83E-02	-1.46E-03	7.48E-02	-2.75E+02	0.00E+00	0.00E+00	0.00E+00	-6.37E-04	
HW2M310ZB	9.22E-00	-6.11E-01	-1.42E-01	-6.17E-01	0.00E+00	0.00E+00	2.06E-01	-9.20E-01	-4.18E-01	5.31E-00	0.00E+00	-4.42E-14	-1.41E-06	-1.07E-04	-2.02E-00	7.94E+02	0.00E+00	0.00E+00	-1.79E-03	4.69E-18	6.24E+02	0.00E+00	3.28E-08	-1.89E-05	-1.58E-00	0.00E+00	-1.79E+01	0.00E+00	-6.07E-02	-2.88E-02	-6.24E+02	-9.81E-03	-1.79E+01	0.00E+00	0.00E+00	0.00E+00	-7.78E-04
HW2M312ZB	7.16E-01	1.74E-00	2.23E-00	-5.62E-01	0.00E+00	0.00E+00	4.49E-02	-1.09E-02	9.81E-01	2.42E-02	0.00E+00	-9.37E-19	-2.31E-07	5.74E-00	1.19E-00	1.05E+02	0.00E+00	0.00E+00	2.34E-02	6.47E-18	2.25E+02	0.00E+00	3.03E-08	-9.81E-07	-2.32E-02	0.00E+00	5.25E+01	0.00E+00	2.35E-03	-6.75E-04	2.35E-03	2.87E-03	5.25E+01	0.00E+00	0.00E+00	0.00E+00	7.74E-03
HW2M316ZB	9.49E-00	-2.88E-01	-1.50E-01	-2.84E-01	0.00E+00	0.00E+00	1.72E-01	-9.08E-01	-4.69E-01	4.77E-00	0.00E+00	2.01E-17	-1.06E-06	-1.06E-04	8.66E-01	7.09E+02	0.00E+00	0.00E+00	-1.39E-03	8.81E-17	-1.84E+02	0.00E+00	3.64E-07	-1.51E-05	-1.36E-00	0.00E+00	-1.22E+02	0.00E+00	-1.84E-02	-2.81E-02	-1.84E+02	-2.86E-02	-1.22E+02	0.00E+00	0.00E+00	0.00E+00	-6.23E-04
HW2M320ZB	1.00E-00	6.02E-01	3.63E-00	5.68E-01	0.00E+00	0.00E+00	8.23E-02	1.57E-01	6.12E-01	6.66E-01	0.00E+00	2.63E-17	1.25E-07	7.66E-00	4.14E-00	2.04E+02	0.00E+00	0.00E+00	6.42E-02	9.21E-17	9.83E+02	0.00E+00	8.65E-08	3.54E-04	2.66E-01	0.00E+00	1.07E+01	0.00E+00	9.03E-02	1.40E-04	9.03E+02	1.01E-03	1.07E+01	0.00E+00	0.00E+00	0.00E+00	2.34E-04
HW2M325ZB	4.48E-01	4.81E-01	1.32E-00	-4.81E-01	0.00E+00	0.00E+00	4.66E-02	-2.15E-01	3.98E-01	3.44E-01	0.00E+00	6.77E-18	-5.97E-07	-1.05E-04	-2.98E-00	3.91E+02	0.00E+00	0.00E+00	-1.83E-02	2.20E-17	-7.48E-02	0.00E+00	7.88E-07	-4.48E-03	4.13E-02	0.00E+00	-2.75E+02	0.00E+00	-1.83E-02	-1.46E-03	7.48E-02	-2.75E+02	0.00E+00	0.00E+00	0.00E+00	-6.38E-04	
HW2S306ZB	9.22E-00	6.79E-01	1.43E-00	-6.59E-01	0.00E+00	0.00E+00	2.09E-01	6.20E-01	4.18E-01	5.31E-00	0.00E+00	1.04E-17	-1.42E-06	-1.07E-04	1.07E-00	8.21E+02	0.00E+00	0.00E+00	-1.80E-03	4.69E-18	6.24E+02	0.00E+00	3.36E-08	1.93E-05	-1.59E-00	0.00E+00	-1.77E+01	0.00E+00	-6.24E-03	-2.88E-02	6.24E+02	-1.00E-03	-1.77E+01	0.00E+00	0.00E+00	0.00E+00	-7.78E-04
HW2S308ZB	7.14E-01	1.17E-00	1.33E-00	-1.15E-00	0.00E+00	0.00E+00	4.49E-02	-1.09E-02	9.80E-01	2.42E-02	0.00E+00	-9.37E-19	-2.31E-07	5.74E-00	1.17E-00	8.05E+01	0.00E+00	0.00E+00	2.33E-02	6.47E-18	2.21E+02	0.00E+00	3.00E-08	-9.81E-07	-2.32E-02	0.00E+00	5.03E+01	0.00E+00	2.31E-03	-5.74E-04	2.31E-03	2.82E-03	5.03E+01	0.00E+00	0.00E+00	0.00E+00	7.74E-03
HW2S310ZB	8.95E-00	3.18E-01	-1.72E-01	3.14E-01	0.00E+00	0.00E+00	1.72E-01	-9.08E-01	-4.71E-01	4.79E-00	0.00E+00	-3.33E-18	-1.09E-06	-1.05E-04	9.12E-01	7.00E+02	0.00E+00	0.00E+00	-1.40E-03	4.37E-18	1.73E+02	0.00E+00	2.87E-07	-1.51E-05	-1.36E-00	0.00E+00	-1.21E+01	0.00E+00	1.73E-02	-2.81E-02	-1.73E+02	-2.94E-02	-1.21E+01	0.00E+00	0.00E+00	0.00E+00	-6.23E-04
HW2S312ZB	1.00E-00	6.02E-01	3.63E-00	5.68E-01	0.00E+00	0.00E+00	8.23E-02	1.57E-01	6.12E-01	6.67E-01	0.00E+00	2.63E-19	1.25E-07	7.66E-00	4.12E-00	2.27E+02	0.00E+00	0.00E+00	6.42E-02	9.21E-17	9.83E+02	0.00E+00	8.67E-08	3.56E-04	2.67E-01	0.00E+00	1.11E+01	0.00E+00	9.03E-02	1.40E-04	9.03E+02	1.01E-03	1.11E+01	0.00E+00	0.00E+00	0.00E+00	2.34E-04
HW2S316ZB	9.22E-00	-6.79E-01	-1.42E-01	-6.14E-01	0.00E+00	0.00E+00	2.06E-01	-9.20E-01	-4.18E-01	5.31E-00	0.00E+00	-4.42E-14	-1.41E-06	-1.07E-04	-2.02E-00	7.94E+02	0.00E+00	0.00E+00	-1.79E-03	4.69E-18	6.24E+02	0.00E+00	3.28E-08	-1.89E-05	-1.58E-00	0.00E+00	-1.79E+01	0.00E+00	-6.07E-02	-2.88E-02	-6.24E+02	-9.81E-03	-1.79E+01	0.00E+00	0.00E+00	0.00E+00	-7.78E-04
HW2S320ZB	9.23E-00	6.77E-01	1.44E-00	-6.53E-01	0.00E+00	0.00E+00	2.09E-01	6.21E-01	4.18E-01	5.34E-00	0.00E+00	9.86E-19	-1.41E-06	-1.07E-04	1.09E-00	8.21E+02	0.00E+00	0.00E+00	-1.80E-03	4.71E-18	6.27E+02	0.00E+00	3.44E-08	1.93E-05	-1.59E-00	0.00E+00	-1.79E+01	0.00E+00	-6.27E-03	-2.88E-02	6.27E+02	-1.00E-03	-1.79E+01				

HW2M416ZE	-1.26E+01	-1.13E+02	-3.02E+00	-1.33E+02	0.00E+00	0.00E+00	-1.38E+03	-1.25E+00	-8.82E+01	-7.45E+00	0.00E+00	1.38E+19	-1.89E+06	-1.46E+04	-3.15E+00	-1.16E+03	0.00E+00	0.00E+00	-2.62E+03	5.02E+19	-1.41E+03	0.00E+00	-7.08E+00	-2.54E+05	-2.38E+00	0.00E+00	-2.76E+01	0.00E+00	-1.41E+03	-3.85E+02	-1.41E+03	-1.69E+03	-2.76E+02	0.00E+00	0.00E+00	0.00E+00	-1.12E+09
	-1.20E+01	-4.80E+01	-1.46E+00	-6.67E+01	0.00E+00	0.00E+00	-2.88E+03	-1.21E+00	-6.02E+01	-6.63E+00	0.00E+00	1.15E+17	-1.45E+09	-9.11E+06	-6.39E+01	-1.04E+03	0.00E+00	0.00E+00	-1.12E+03	3.99E+17	-6.49E+02	0.00E+00	-2.76E+00	-2.15E+05	-1.89E+00	0.00E+00	-2.11E+01	0.00E+00	-1.11E+03	-3.86E+02	-6.45E+02	-5.56E+02	-2.11E+02	0.00E+00	0.00E+00	0.00E+00	-6.21E+04
HW2M425ZE	-1.22E+00	5.00E+01	3.35E+00	6.65E+01	0.00E+00	0.00E+00	7.15E+02	1.32E+03	8.13E+01	5.29E+01	1.97E+17	1.23E+07	9.41E+04	3.43E+00	1.70E+02	0.00E+00	0.00E+00	0.00E+00	5.98E+02	7.09E+17	7.75E+02	0.00E+00	5.94E+00	3.45E+05	1.99E+01	0.00E+00	4.54E+01	0.00E+00	7.75E+02	8.48E+05	7.75E+02	8.69E+02	9.44E+01	0.00E+00	0.00E+00	0.00E+00	2.21E+04
HW2S406ZE	9.26E+01	-6.71E+02	-3.54E+00	-6.00E+00	0.00E+00	0.00E+00	-3.01E+02	-1.28E+03	-7.81E+01	-5.51E+02	0.00E+00	9.31E+18	-2.95E+07	7.36E+06	1.18E+00	-1.04E+02	0.00E+00	0.00E+00	-1.49E+02	5.35E+17	5.98E+01	0.00E+00	1.55E+06	-6.95E+07	-4.83E+02	0.00E+00	4.66E+01	0.00E+00	-5.98E+01	-7.05E+04	-5.98E+01	-9.44E+01	-4.06E+01	0.00E+00	0.00E+00	0.00E+00	-4.19E+04
HW2S408ZE	-1.23E+01	-7.13E+01	-1.80E+00	-7.03E+01	0.00E+00	0.00E+00	-2.74E+03	-1.23E+00	-6.29E+01	-6.78E+00	0.00E+00	1.11E+17	-1.48E+09	-1.44E+04	-1.03E+00	-1.08E+03	0.00E+00	0.00E+00	-2.17E+03	3.74E+17	-6.81E+02	0.00E+00	-2.91E+00	-2.23E+05	-1.93E+00	0.00E+00	-2.19E+01	0.00E+00	-6.81E+02	-3.17E+02	-6.81E+02	9.00E+02	-2.19E+02	0.00E+00	0.00E+00	0.00E+00	-6.43E+04
HW2S410ZE	-1.23E+01	-7.17E+01	-1.62E+00	-7.03E+01	0.00E+00	0.00E+00	-2.75E+03	-1.24E+00	-6.29E+01	-6.79E+00	0.00E+00	1.10E+17	-1.49E+09	-1.44E+04	-1.07E+00	-1.09E+03	0.00E+00	0.00E+00	-2.18E+03	3.74E+17	-6.85E+02	0.00E+00	-2.95E+00	-2.21E+05	-1.93E+00	0.00E+00	-2.19E+01	0.00E+00	-6.85E+02	-3.17E+02	-6.85E+02	9.07E+02	-2.19E+02	0.00E+00	0.00E+00	0.00E+00	-6.46E+04
HW2S412ZE	8.17E+01	-1.14E+02	-2.13E+00	-1.38E+01	0.00E+00	0.00E+00	-2.98E+02	-1.28E+03	-7.78E+01	-6.35E+02	0.00E+00	8.67E+18	-2.95E+07	7.36E+06	1.13E+00	-1.06E+02	0.00E+00	0.00E+00	-1.49E+02	5.32E+17	4.59E+01	0.00E+00	1.80E+06	-6.97E+07	-5.87E+02	0.00E+00	3.76E+01	0.00E+00	-4.58E+01	-7.07E+04	-4.58E+01	-9.36E+01	-3.82E+01	0.00E+00	0.00E+00	0.00E+00	-4.50E+03
HW2S416ZE	-1.36E+01	-1.23E+02	-3.02E+00	-1.33E+02	0.00E+00	0.00E+00	-1.31E+03	-1.22E+00	-8.82E+01	-7.45E+00	0.00E+00	1.34E+19	-1.89E+06	-1.46E+04	-3.15E+00	-1.16E+03	0.00E+00	0.00E+00	-2.62E+03	4.89E+19	-1.41E+03	0.00E+00	-7.08E+00	-2.54E+05	-2.38E+00	0.00E+00	-2.76E+01	0.00E+00	-1.41E+03	-3.85E+02	-1.41E+03	-1.69E+03	-2.76E+02	0.00E+00	0.00E+00	0.00E+00	-1.12E+09
HW2S432ZE	9.66E+01	-4.58E+02	-3.54E+00	-6.00E+00	0.00E+00	0.00E+00	-3.01E+02	-1.28E+03	-7.81E+01	-5.51E+02	0.00E+00	9.31E+18	-2.95E+07	7.36E+06	1.18E+00	-1.04E+02	0.00E+00	0.00E+00	-1.49E+02	5.35E+17	5.98E+01	0.00E+00	1.55E+06	-6.95E+07	-4.83E+02	0.00E+00	4.66E+01	0.00E+00	-5.98E+01	-7.05E+04	-5.98E+01	-9.44E+01	-4.06E+01	0.00E+00	0.00E+00	0.00E+00	-4.19E+04
HW2S425ZE	9.22E+01	-1.05E+02	-2.13E+00	-1.32E+01	0.00E+00	0.00E+00	-3.02E+02	-1.24E+03	-7.78E+01	-6.35E+02	0.00E+00	8.65E+18	-2.93E+07	7.42E+06	1.16E+00	-1.01E+02	0.00E+00	0.00E+00	-1.53E+02	5.39E+17	5.78E+01	0.00E+00	1.87E+06	-6.95E+07	-5.24E+02	0.00E+00	3.82E+01	0.00E+00	-5.78E+01	-6.94E+04	-5.78E+01	-9.58E+01	-3.82E+01	0.00E+00	0.00E+00	0.00E+00	-4.77E+03
HW2W406ZS	1.23E+00	5.44E+01	3.35E+00	5.08E+01	0.00E+00	0.00E+00	7.14E+02	1.32E+03	8.13E+01	5.59E+01	2.01E+17	1.29E+07	9.36E+06	3.47E+00	2.22E+02	0.00E+00	0.00E+00	0.00E+00	5.99E+02	7.22E+17	7.84E+02	0.00E+00	6.04E+00	3.52E+05	2.06E+01	0.00E+00	1.02E+02	0.00E+00	7.84E+02	8.73E+05	7.84E+02	8.87E+02	-1.02E+02	0.00E+00	0.00E+00	0.00E+00	2.22E+04
HW2W408ZS	-1.22E+01	-6.59E+01	-1.26E+00	-6.83E+01	0.00E+00	0.00E+00	-2.74E+03	-1.22E+00	-6.27E+01	-6.76E+00	0.00E+00	1.12E+17	-1.47E+09	-1.43E+04	-1.03E+00	-1.02E+03	0.00E+00	0.00E+00	-2.16E+03	3.78E+17	-6.74E+02	0.00E+00	-2.90E+00	-2.19E+05	-1.92E+00	0.00E+00	-2.19E+01	0.00E+00	-6.74E+02	-3.59E+02	-6.74E+02	8.84E+02	-2.19E+02	0.00E+00	0.00E+00	0.00E+00	-6.49E+04
HW2W412ZS	1.23E+00	5.32E+01	3.54E+00	4.97E+01	0.00E+00	0.00E+00	7.15E+02	1.07E+03	8.13E+01	5.48E+01	2.00E+17	1.29E+07	9.32E+06	3.43E+00	2.20E+02	0.00E+00	0.00E+00	0.00E+00	5.91E+02	7.22E+17	7.71E+02	0.00E+00	5.94E+00	3.44E+05	2.02E+01	0.00E+00	1.01E+02	0.00E+00	7.71E+02	7.29E+05	7.71E+02	8.72E+02	-1.01E+02	0.00E+00	0.00E+00	0.00E+00	2.19E+04
HW2W412ZS	-1.22E+01	-6.43E+01	-1.57E+00	-6.50E+01	0.00E+00	0.00E+00	-2.74E+03	-1.23E+00	-6.24E+01	-6.73E+00	0.00E+00	1.16E+17	-1.47E+09	-1.43E+04	-1.06E+00	-1.02E+03	0.00E+00	0.00E+00	-2.16E+03	3.95E+17	-6.67E+02	0.00E+00	-2.81E+00	-2.19E+05	-1.92E+00	0.00E+00	-2.19E+01	0.00E+00	-6.67E+02	-3.59E+02	-6.67E+02	8.77E+02	-2.19E+02	0.00E+00	0.00E+00	0.00E+00	-6.49E+04
HW2W416ZS	8.95E+01	-1.18E+02	-1.02E+00	-1.58E+01	0.00E+00	0.00E+00	-2.32E+02	-1.24E+03	-7.48E+01	-6.23E+01	0.00E+00	8.31E+19	-3.17E+07	4.48E+06	1.21E+00	-1.61E+02	0.00E+00	0.00E+00	-1.38E+02	3.18E+17	3.13E+01	0.00E+00	1.57E+06	-1.45E+08	-6.76E+02	0.00E+00	3.35E+01	0.00E+00	-1.25E+01	-1.52E+03	-1.25E+01	-6.68E+01	-3.35E+01	0.00E+00	0.00E+00	0.00E+00	-2.32E+03
HW2W420ZS	-1.23E+01	-1.24E+02	-2.86E+00	-1.22E+02	0.00E+00	0.00E+00	-1.30E+03	-1.22E+00	-8.50E+01	-7.20E+00	0.00E+00	1.06E+18	-1.89E+06	-1.46E+04	-3.11E+03	0.00E+00	0.00E+00	0.00E+00	-2.55E+03	3.99E+18	-1.59E+03	0.00E+00	-6.67E+00	-2.17E+05	-2.13E+00	0.00E+00	-2.24E+01	0.00E+00	-1.35E+03	-3.59E+02	-1.35E+03	-1.61E+03	-2.64E+02	0.00E+00	0.00E+00	0.00E+00	-1.09E+05
HW2W425ZS	-1.36E+01	-1.23E+02	-3.02E+00	-1.33E+02	0.00E+00	0.00E+00	-1.31E+03	-1.22E+00	-8.82E+01	-7.45E+00	0.00E+00	1.34E+19	-1.89E+06	-1.46E+04	-3.15E+00	-1.16E+03	0.00E+00	0.00E+00	-2.62E+03	4.89E+19	-1.41E+03	0.00E+00	-7.08E+00	-2.54E+05	-2.38E+00	0.00E+00	-2.76E+01	0.00E+00	-1.41E+03	-3.85E+02	-1.41E+03	-1.69E+03	-2.76E+02	0.00E+00	0.00E+00	0.00E+00	-1.12E+09
HW4E332ZB	9.26E+01	-3.03E+00	3.54E+00	4.22E+01	0.00E+00	0.00E+00	3.00E+02	-1.23E+03	8.34E+01	6.42E+02	0.00E+00	9.66E+18	-2.80E+07	6.94E+06	1.53E+00	1.26E+02	0.00E+00	0.00E+00	-1.72E+02	3.83E+17	1.94E+02	0.00E+00	2.22E+06	-7.45E+07	-4.41E+02	0.00E+00	4.73E+01	0.00E+00	-4.73E+01	-1.01E+03	-4.41E+02	-5.15E+02	-2.72E+02	0.00E+00	0.00E+00	0.00E+00	5.39E+03
HW4E340ZB	-1.31E+01	-7.18E+01	-1.74E+00	-7.09E+01	0.00E+00	0.00E+00	-2.95E+03	-1.32E+00	-6.56E+01	-7.22E+00	0.00E+00	1.17E+17	-1.53E+06	-1.54E+04	-1.15E+00	-1.08E+03	0.00E+00	0.00E+00	-2.33E+03	4.90E+17	-7.28E+02	0.00E+00	-3.11E+00	-2.25E+05	-2.05E+00	0.00E+00	-2.25E+02	0.00E+00	-7.28E+02	-3.80E+02	-7.28E+02	-6.53E+02	-2.25E+02	0.00E+00	0.00E+00	0.00E+00	-1.01E+09
HW4P332ZB	-1.35E+01	-1.13E+02	-3.15E+00	-1.33E+02	0.00E+00	0.00E+00	-1.38E+03	-1.34E+00	-8.18E+01	-7.87E+00	0.00E+00	8.87E+18	-2.00E+08	-1.57E+04	-3.25E+00	-1.24E+03	0.00E+00	0.00E+00	-2.79E+03	3.39E+18	-1.43E+03	0.00E+00	-7.25E+00	-2.80E+05	-3.32E+00	0.00E+00	-2.53E+02	0.00E+00	-1.45E+03	-3.51E+02	-1.45E+03	-1.74E+03	-2.53E+02	0.00E+00	0.00E+00	0.00E+00	-1.19E+05
HW4P340ZB	8.11E+01	-5.17E+00	2.11E+00	8.28E+00	0.00E+00	0.00E+00	3.00E+02	-2.14E+03	8.12E+01	8.72E+02	0.00E+00	9.56E+18	-2.88E+07	6.91E+06	1.49E+00	8.09E+01	0.00E+00	0.00E+00	1.62E+02	3.68E+17	6.13E+01	0.00E+00	2.09E+06	-6.69E+07	-5.12E+02	0.00E+00	3.97E+01	0.00E+00	-8.33E+01	-1.02E+03	8.12E+01	1.23E+02	-3.97E+01	0.00E+00	0.00E+00	0.00E+00	5.05E+03
HW4S332ZB	-1.35E+01	-1.13E+02	-3.15E+00	-1.33E+02	0.00E+00	0.00E+00	-1.38E+03	-1.34E+00	-8.18E+01	-7.87E+00	0.00E+00	8.87E+18	-2.00E+08	-1.57E+04	-3.25E+00	-1.24E+03	0.00E+00	0.00E+00	-2.79E+03	3.39E+18	-1.43E+03	0.00E+00	-7.25E+00	-2.80E+05	-3.32E+00	0.00E+00	-2.53E+02	0.00E+00	-1.45E+03	-3.51E+02	-1.45E+03	-1.74E+03	-2.53E+02	0.00E+00	0.00E+00	0.00E+00	-1.19E+05
HW4S340ZB	1.32E+00	5.17E+01	3.74E+00	5.29E+01	0.00E+00	0.00E+00	7.14E+02	1.18E+03	8.15E+01	5.79E+01	0.00E+00	2.05E+17	1.34E+07	9.95E+06	3.57E+00	1.93E+02	0.00E+00	0.00E+00	6.28E+02	7.53E+17	8.11E+02	0.00E+00	6.24E+00	3.69E+06	2.16E+01	0.00E+00	1.01E+02	0.00E+00	8.11E+02	8.13E+05	8.11E+02	9.11E+02	-1.01E+02	0.00E+00	0.00E+00	0.00E+00	2.32E+04
HW4E320ZB	1.32E+00	5.49E+01	3.72E+00	5.12E+01	0.00E+00	0.00E+00	7.38E+02	1.18E+03	8.34E+01	5.71E+01	0.00E+00	2.04E+17	1.29E+07	9.93E+06	3.54E+00	1.91E+02	0.00E+00	0.00E+00	6.21E+02	7.53E+17	8.21E+02	0.00E+00	6.22E+00	3.69E+06	2.12E+01	0.00E+00	1.00E+02	0.00E+00	8.01E+02	7.93E+05	8.01E+02	9.01E+02	-1.00E+02	0.00E+00	0.00E+00	0.00E+00	2.32E+04
HW4E325ZB	1.19E+00	4.90E+01	3.64E+00	4.53E+01	0.00E+00	0.00E+00	7.04E+02	-6.78E+02	8.80E+01	4.71E+01	0.00E+00	1.96E+17	1.15E+07	8.87E+06	3.44E+00	1.66E+02	0.00E+00	0.00E+00	5.95E+02	7.04E+17	7.74E+02	0.00E+00	5.96E+00	3.31E+04	1.86E+01	0.00E+00	9.48E+01	0.00E+00	7.74E+02	-3.09E+04	7.7						