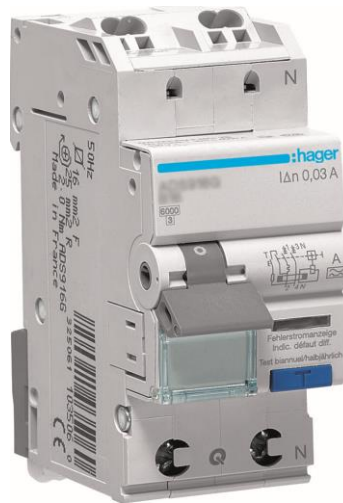




Product Environmental Profile

RCBO 1P+N 6kA B-16A 30mA A QC&QB



Company information

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

References covered

For the product references covered by the PEP, please see in the appendix the reference list.

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
ADS916D

Use scenario based on :
PSR product Category : PSR-0005-ed3.1-2023 12 08
3.4. Differential circuit breaker

Functional unit

Protect the installation against overloads and short circuits and protect people and premises at risk of fire or explosion against insulation defects in a circuit with rated voltage 240V, rated current 16A, with 1P+N, a rated breaking capacity 6kA, the tripping curve B, the sensitivity 30mA, and the differential protection type A, and, in the Household/Commercial areas, according to the appropriate use scenario, and during the reference service life of the product of 20 years.

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

Materials and substances

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

Plastics			Metals			Others		
	g	%		g	%		g	%
PA66	34.60	14.3%	Copper	38.53	16.0%	Cardboard	22.91	9.5%
PA6	4.66	1.9%	Steel	47.65	19.8%	Talc	16.06	6.7%
PE-LD	1.14	0.5%	Brass	9.54	4.0%	Tetrabromobisphenol A	10.21	4.2%
PC	0.76	0.3%	Stainless steel	6.08	2.5%	Calcium Carbonate	6.44	2.7%
Epoxy resin	0.37	0.2%	Cast iron	5.85	2.4%	PSU	5.86	2.4%
Other	0.15	<0.1%	Other	11.59	4.8%	Other	18.84	7.8%
Total mass of reference product with raw material packaging :			241.25 g					
Total mass of reference product (Product + packaging)			228.502 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
0.117	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	0%	0	100%

This corresponds to a total energy consumption of 6.15 kWh for the use span of 20 years.

The Use Phase is calculated based on PowerLoss (Pw) at 30% of the nominal current, 100% of time (Passive Product, continuous operation)

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: 49%. 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 6.2.3 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	2.62E-02	2.68E-04	5.72E-05	1.11E-02	2.84E-03	4.05E-02	-2.01E-02
Climate change - Total (PEF-GWP)	kg CO2 eq.	1.91E+00	4.22E-02	2.54E-02	2.17E+00	3.38E-01	4.49E+00	-2.46E-01
Climate change-Biogenic (PEF-GWPb)	kg CO2 eq.	-9.92E-04	0.00E+00	4.78E-03	3.99E-03	1.75E-02	2.53E-02	-4.11E-03
Climate change-Fossil (PEF-GWPF)	kg CO2 eq.	1.91E+00	4.22E-02	2.06E-02	2.16E+00	3.20E-01	4.46E+00	-2.42E-01
Climate change-Land use and land use change (PEF-GWPlu)	kg CO2 eq.	2.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-06	0.00E+00
Ecotoxicity, freshwater (PEF-CTUe)	CTUe	7.84E+02	2.77E-02	2.97E-01	4.09E+00	1.89E+00	7.90E+02	-4.94E+00
EF-particulate Matter (PEF-PM)	Incidence of diseases	1.78E-07	2.18E-09	3.42E-10	8.94E-08	1.11E-08	2.81E-07	-4.49E-08
Eutrophication, freshwater (PEF-Epf)	kg P eq.	3.20E-04	1.59E-08	2.82E-07	5.71E-06	3.31E-06	3.29E-04	-2.02E-03
Eutrophication marine (PEF-Epm)	kg N eq.	1.45E-03	1.25E-04	2.73E-05	1.35E-03	1.70E-03	4.66E-03	-7.58E-04
Eutrophication, terrestrial (PEF-Ept)	mole of N eq.	1.61E-02	1.38E-03	1.70E-04	2.17E-02	2.93E-03	4.23E-02	-1.21E-02
Human toxicity, cancer (PEF-CTUh-c)	CTUh	3.26E-07	7.43E-13	2.27E-09	2.73E-10	8.51E-10	3.29E-07	-3.37E-09
Human toxicity, non-cancer (PEF-CTUh-nc)	CTUh	2.76E-07	1.44E-11	6.64E-11	6.51E-09	1.88E-08	3.02E-07	-2.32E-07
Ionising radiation, human health (PEF-IR)	kg Bq U235 eq.	2.65E+01	1.03E-04	3.07E-03	3.12E+00	1.13E-02	2.96E+01	-3.92E-03
Land use (PEF-LU)	No dimension	8.41E-01	0.00E+00	5.49E-05	6.00E-02	6.14E-01	1.51E+00	-2.58E+00
Ozone depletion (PEF-ODP)	kg CFC-11 eq.	5.85E-07	6.48E-11	2.64E-10	1.05E-08	2.05E-08	6.17E-07	-1.09E-08
Photochemical ozone formation - human health (PEF-POCP)	kg of NMVOC eq.	6.36E-03	3.47E-04	3.97E-05	4.26E-03	8.32E-04	1.18E-02	-3.65E-03
Resource use, fossils (PEF-ADPF)	MJ	6.39E+01	5.90E-01	1.95E-01	5.47E+01	2.51E+00	1.22E+02	-2.39E+00
Resource use, minerals and metals (PEF-ADPe)	kg Sb eq	3.23E-03	1.66E-09	4.79E-10	7.67E-07	2.62E-07	3.23E-03	-5.90E-05
Water use (PEF-WU)	m3 eq.	1.77E+00	1.61E-04	1.53E-03	1.66E-01	5.61E+01	5.80E+01	-1.82E+02

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	4.12E-02	3.74E-06	3.57E-05	3.90E-03	1.54E+00	1.58E+00	-4.24E+00
Total use of primary energy	MJ	6.64E+01	5.91E-01	2.21E-01	6.92E+01	2.78E+00	1.39E+02	-2.93E+00
Total use of non renewable primary energy resources	MJ	6.39E+01	5.90E-01	1.95E-01	5.47E+01	2.51E+00	1.22E+02	-2.39E+00
Total use of renewable primary energy resources	MJ	2.44E+00	7.87E-04	2.61E-02	1.45E+01	2.73E-01	1.72E+01	-5.40E-01
Use of non-renewable primary energy, excluding non renewable primary energy resources used as raw materials	MJ	6.22E+01	5.90E-01	1.95E-01	5.47E+01	2.51E+00	1.20E+02	-2.39E+00
Use of non-renewable primary energy resources as raw materials	MJ	1.73E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E+00	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
Use of renewable primary energy, excluding renewable primary energy resources used as raw materials	kg	1.92E+00	7.87E-04	2.61E-02	1.45E+01	2.73E-01	1.67E+01	-5.40E-01
Use of renewable primary energy resources as raw materials	MJ	5.21E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-01	0.00E+00
Use of renewable secondary fuels	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Use of secondary materials	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	1.15E+01	0.00E+00	5.02E-04	9.50E-02	-3.86E-04	1.16E+01	1.55E-20
Non-hazardous waste disposed	kg	4.89E-01	1.48E-03	8.44E-03	3.66E-01	1.35E-02	8.78E-01	4.69E-20
Radioactive waste disposed	kg	1.40E-04	1.06E-06	1.01E-06	8.40E-05	3.52E-07	2.26E-04	0.00E+00

Output flow indicators

Indicators	Unit	Manufacturing A1-A3	Distribution A4	Installation A5	Use B1-B7	End Of Life C1-C4	GLOBAL	Module D
Components for re-use	kg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Exported energy	MJ	1.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-03	0.00E+00
Materials for energy recovery	kg	2.61E-03	0.00E+00	1.69E-03	0.00E+00	0.00E+00	4.30E-03	0.00E+00
Materials for recycling	kg	9.55E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.55E-02	0.00E+00

Biogenic carbon content

Packaging	Unit	Cardboard	Paper	Wood	Sum
Biogenic carbon content (ratio)	%	2.80E+01	3.78E+01	3.95E+01	
Mass	kg	2.29E-02	7.87E-04	5.71E-03	2.94E-02
Biogenic carbon content (declared unit)	kg of C	6.42E-03	2.97E-04	2.26E-03	8.97E-03
Biogenic carbon content (functional unit)	kg of C	6.42E-03	2.97E-04	2.26E-03	8.97E-03
Source		ADEME	APESA/RECORD	EN 16485	

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

Extrapolation rules

Environmental impact values for each phase and indicator are based on a Life Cycle Assessment (LCA) conducted for specific references in this product family covered by this PEP, as detailed in Annex I.

Verification

Registration N°: HAGE-01255-V01.02-EN	Drafting Rules	PEP-PCR-ed4-2021 09 06
	Supplemented by	PSR-0005-ed3.1-2023 12 08
Verifier accreditation N°: VH36	Information and reference documents: www.pep-ecopassport.org	
Date of issue: 11-2024	Validity period:	5 years
Independent verification of the declaration and data, in compliance with ISO 14025 : 2006		
Internal ● External ○		
The PCR review was conducted by a panel of experts chaired by Julie Orgelet (DDemain)		
PEPs are compliant with XP C08-100-1:2016 or EN 50693:2019		
The elements of the present PEP cannot be compared with elements from another program.		
Document in compliance with ISO 14025 : 2006 « Environmental labels and declarations. Type III environmental declarations »		



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

Appendix

Manufacturing A1-A3

		EF-particulate Matter (PEF-PW) - [Incidence of diseases]	Non renewable primary energy used as energy - [kg P eq.]	Non renewable primary energy used as raw material - [kg N eq.]	Total nonrenewable primary energy - [mole of N eq.]	Total primary energy - [CTUq]	kg Sbeq - [l]	Photochemical ozone formation - human health (PEF-POCP) - [CTUq]	Renewable primary energy used as energy - [No dimension]	Renewable primary energy used as raw material - [kg CFC-11 eq.]	Total renewable primary energy - [kg of NMVOC eq.]	kg N eq. - [Unit]	kg CFC-11 eq. - [Unit]	Water use (PEF-WU) - [MJ]	- [kg Sb eq]	Use of secondary material - [m3 eq]	Use of renewable secondary fuels	kg P eq. - [l]	mole H+ eq. - [%]	kg CO ₂ eq. - [MJ]	kg C-H ₄ eq. - [l]	Materials for recycling - [kg]	Materials for energy recovery - [l]	Use of non renewable secondary fuels - [l]	Net use of fresh water - [kg Bq (235 eq.)]	- [l]	kg PO ₄ + eq. - [kg]	Radioactive waste disposed - [l]	- [Unit]	Ozone depletion (PEF-ODP) - [l]	Land use (PEF-LU) - [Unit]	Exported energy - [MJ]	- [kg]	Components for re-use - [MJ]	MJ - [l]	m ² - [l]	kg SO ₂ eq. - [kg]	Hazardous waste disposed - [l]
ACA810H	2.94E-01	2.95E-01	-1.11E-03	2.95E-01	2.93E-01	0.00E+00	7.13E+01	2.93E-01	1.95E-01	2.10E-02	2.25E-02	1.11E-01	3.27E-01	2.95E-01	2.94E-01	7.55E-01	2.76E-01	1.02E-01	4.31E-03	2.95E-01	7.88E-01	1.67E+00	8.61E-01	1.93E-01	7.97E-03	1.95E-01	2.44E+00	5.34E-01	6.12E-01	3.35E-01	8.12E+01	8.62E-01	2.95E+00	2.93E+00	0.00E+00	4.79E-01	1.95E+00	
ACA816H	2.98E-01	2.98E-01	-9.96E-04	2.98E-01	2.93E-01	0.00E+00	7.14E+01	2.93E-01	1.91E-01	2.11E-02	2.26E-02	1.12E-01	3.28E-01	2.73E-01	2.95E-01	7.55E-01	2.76E-01	1.03E-01	4.30E-03	2.93E-01	7.87E-01	1.67E+00	8.62E-01	1.95E-01	7.97E-03	1.96E-01	2.44E+00	5.35E-01	6.13E-01	3.36E-01	8.13E+01	8.43E-01	2.98E+00	2.93E+00	0.00E+00	4.79E-01	1.97E+00	
ACA913C	2.95E-01	2.95E-01	-5.71E-04	2.95E-01	2.93E-01	0.00E+00	7.05E+01	2.95E-01	1.88E-01	2.07E-02	2.26E-02	1.08E-01	3.27E-01	2.95E-01	2.94E-01	7.55E-01	2.76E-01	1.01E-01	4.25E-03	2.95E-01	7.87E-01	1.71E+00	8.62E-01	1.95E-01	7.97E-03	1.95E-01	2.44E+00	5.37E-01	6.13E-01	3.34E-01	8.04E+01	8.34E-01	2.95E+00	2.93E+00	0.00E+00	4.79E-01	1.92E+00	
ACA916D	2.97E-01	2.93E-01	-6.94E-04	2.93E-01	2.93E-01	0.00E+00	7.20E+01	2.93E-01	1.95E-01	2.09E-02	2.24E-02	1.12E-01	3.28E-01	2.71E-01	2.95E-01	7.55E-01	2.76E-01	1.02E-01	4.34E-03	2.93E-01	7.77E-01	1.68E+00	8.62E-01	1.95E-01	7.95E-03	1.95E-01	2.44E+00	5.33E-01	7.94E-01	3.32E-01	7.94E+01	8.24E-01	2.98E+00	2.93E+00	0.00E+00	4.79E-01	1.89E+00	
ACA966D	2.97E-01	2.93E-01	-6.95E-04	2.93E-01	2.93E-01	0.00E+00	7.20E+01	2.93E-01	1.95E-01	2.09E-02	2.24E-02	1.12E-01	3.28E-01	2.71E-01	2.95E-01	7.55E-01	2.76E-01	1.02E-01	4.34E-03	2.93E-01	7.77E-01	1.68E+00	8.62E-01	1.95E-01	7.95E-03	1.95E-01	2.44E+00	5.33E-01	7.94E-01	3.32E-01	7.94E+01	8.24E-01	2.98E+00	2.93E+00	0.00E+00	4.79E-01	1.89E+00	
ACS916D	3.00E-01	2.63E-01	1.63E-03	2.63E-01	2.15E-01	0.00E+00	7.73E+01	2.31E-01	1.91E-01	2.11E-02	2.21E-02	1.23E-01	3.28E-01	2.97E-01	2.75E-01	8.40E-01	2.72E-01	9.91E-01	4.44E-03	6.32E-01	7.44E-01	1.72E+00	6.73E-01	2.03E-01	8.00E-01	2.03E-01	2.54E+00	5.28E-01	7.82E-01	3.23E-01	7.82E+01	7.82E-01	3.07E+00	2.93E+00	0.00E+00	4.79E-01	1.93E+00	
ADA325G	2.97E-01	2.97E-01	-3.52E-02	2.96E-01	2.93E-01	0.00E+00	7.04E+01	2.96E-01	1.91E-01	2.05E-02	2.25E-02	1.10E-01	3.27E-01	2.96E-01	2.95E-01	7.55E-01	2.76E-01	1.02E-01	4.32E-03	2.96E-01	7.87E-01	1.71E+00	8.62E-01	1.95E-01	7.97E-03	1.95E-01	2.44E+00	5.37E-01	6.13E-01	3.34E-01	8.04E+01	8.34E-01	2.95E+00	2.93E+00	0.00E+00	4.79E-01	1.92E+00	
ADA310G	1.91E-01	2.47E-01	-3.32E-02	2.39E-01	1.55E-01	0.00E+00	5.05E+00	1.03E-01	1.91E-01	2.05E-02	1.25E-02	2.05E-01	2.99E-01	7.85E-01	7.98E-01	2.75E-01	1.62E-01	5.25E-02	1.78E-02	4.45E-01	5.53E-01	1.22E+00	2.93E-01	1.12E-01	8.63E-01	1.48E-01	1.41E+00	6.94E-01	5.93E-01	1.61E-01	5.93E+01	5.93E-01	2.02E+00	2.93E+00	0.00E+00	1.25E-01	7.97E-01	
ADA316G	2.08E-01	2.48E-01	-3.46E-02	2.32E-01	1.55E-01	0.00E+00	5.05E+00	9.98E-01	1.93E-01	2.06E-02	1.22E-02	2.44E-01	3.58E-01	8.67E-01	8.71E-01	2.74E-01	1.67E-01	5.23E-02	1.98E-02	4.54E-01	5.55E-01	1.22E+00	2.94E-01	1.20E-01	7.09E-01	1.58E-01	1.42E+00	6.97E-01	5.95E-01	1.65E-01	5.95E+01	5.95E-01	2.02E+00	2.93E+00	0.00E+00	1.25E-01	8.55E-01	
ADA320G	1.97E-01	2.48E-01	-3.47E-02	2.31E-01	1.55E-01	0.00E+00	5.05E+00	1.01E-01	1.92E-01	2.06E-02	1.22E-02	2.44E-01	2.99E-01	8.38E-01	8.95E-01	2.75E-01	1.66E-01	5.25E-02	1.93E-02	4.44E-01	5.54E-01	1.22E+00	2.94E-01	1.19E-01	6.93E-01	1.59E-01	1.42E+00	6.97E-01	5.97E-01	1.65E-01	5.97E+01	5.97E-01	2.02E+00	2.93E+00	0.00E+00	1.25E-01	7.94E-01	
ADA325G	2.02E-01	2.47E-01	-3.46E-02	2.34E-01	1.55E-01	0.00E+00	5.05E+00	1.01E-01	1.92E-01	2.10E-02	1.26E-02	2.45E-01	3.04E-01	8.41E-01	8.76E-01	2.75E-01	1.70E-01	5.21E-02	1.95E-02	4.45E-01	5.51E-01	1.22E+00	2.93E-01	1.18E-01	7.09E-01	1.58E-01	1.42E+00	6.96E-01	5.94E-01	1.74E-01	5.94E+01	5.94E-01	2.02E+00	2.93E+00	0.00E+00	1.25E-01	7.97E-01	
ADA332G	2.17E-01	2.57E-01	-3.45E-02	2.50E-01	1.55E-01	0.00E+00	5.06E+00	1.15E-01	2.04E-01	2.20E-02	1.30E-02	3.17E-01	3.07E-01	9.35E-01	9.78E-01	3.16E-01	1.82E-01	5.44E-02	2.01E-02	4.80E-01	5.74E-01	1.49E+00	3.18E-01	1.27E-01	7.44E-01	1.56E-01	1.49E+00	6.19E-01	5.89E-01	2.37E-01	5.89E+01	6.19E-01	2.09E+00	2.93E+00	0.00E+00	1.25E-01	8.55E-01	
ADA506G	2.51E-01	1.93E-01	-3.42E-01	1.93E-01	2.36E-01	0.00E+00	7.37E+01	2.93E-01	1.43E-01	1.59E-02	1.96E-01	1.06E-01	3.27E-01	2.83E-01	2.93E-01	7.55E-01	2.65E-01	9.61E-01	3.95E-02	4.70E-01	6.58E-01	1.68E+00	5.74E-01	1.68E-01	6.28E-01	1.33E-01	1.88E+00	5.24E-01	6.75E-01	2.26E-01	6.75E+01	6.93E-01	2.45E+00	2.93E+00	0.00E+00	0.00E+00	1.70E+00	
ADA510D	2.44E-01	1.91E-01	-3.47E-02	1.92E-01	2.36E-01	0.00E+00	7.37E+01	2.93E-01	1.43E-01	1.57E-02	1.94E-01	1.03E-01	3.25E-01	2.75E-01	2.43E-01	7.55E-01	2.62E-01	9.59E-02	3.98E-02	4.82E-01	6.52E-01	1.68E+00	5.73E-01	1.63E-01	6.18E-01	1.32E-01	1.84E+00	5.23E-01	6.69E-01	2.25E-01	6.69E+01	6.93E-01	2.36E+00	2.93E+00	0.00E+00	0.00E+00	1.67E+00	
ADA513D	2.44E-01	1.91E-01	-3.46E-02	1.92E-01	2.36E-01	0.00E+00	7.37E+01	2.93E-01	1.43E-01	1.58E-02	1.94E-01	1.03E-01	3.25E-01	2.75E-01	2.43E-01	7.55E-01	2.62E-01	9.59E-02	3.98E-02	4.82E-01	6.52E-01	1.68E+00	5.73E-01	1.63E-01	6.18E-01	1.32E-01	1.84E+00	5.23E-01	6.69E-01	2.25E-01	6.69E+01	6.93E-01	2.36E+00	2.93E+00	0.00E+00	0.00E+00	1.67E+00	
ADA560D	2.44E-01	1.91E-01	-3.31E-02	1.91E-01	2.36E-01	0.00E+00	7.38E+01	2.93E-01	1.43E-01	1.57E-02	1.94E-01	1.03E-01	3.25E-01	2.75E-01	2.43E-01	7.57E-01	2.62E-01	9.59E-02	3.98E-02	4.81E-01	6.52E-01	1.68E+00	5.74E-01	1.63E-01	6.18E-01	1.32E-01	1.83E+00	5.23E-01	6.69E-01	2.25E-01	6.69E+01	6.93E-01	2.36E+00	2.93E+00	0.00E+00	0.00E+00	1.67E+00	
ADA560G	2.44E-01	1.91E-01	-3.32E-02	1.92E-01	2.36E-01	0.00E+00	7.38E+01	2.93E-01	1.43E-01	1.58E-02	1.94E-01	1.03E-01	3.25E-01	2.75E-01	2.43E-01	7.57E-01	2.62E-01	9.59E-02	3.97E-02	4.82E-01	6.51E-01	1.68E+00	5.73E-01	1.64E-01	6.20E-01	1.33E-01	1.82E+00	5.23E-01	6.69E-01	2.25E-01	6.69E+01	6.93E-01	2.34E+00	2.93E+00	0.00E+00	0.00E+00	1.68E+00	
ADA566D	2.44E-01	1.92E-01	-3.46E-02	1.92E-01	2.36E-01	0.00E+00	7.37E+01	2.93E-01	1.43E-01	1.58E-02	1.95E-01	1.04E-01	3.27E-01	2.83E-01	2.44E-01	7.57E-01	2.64E-01	9.57E-02	3.97E-02	4.86E-01	6.54E-01	1.68E+00	5.74E-01	1.64E-01	6.20E-01	1.33E-01	1.84E+00	5.23E-01	6.71E-01	2.25E-01	6.71E+01	6.94E-01	2.36E+00	2.93E+00	0.00E+00	0.00E+00	1.68E+00	
ADA566G	2.48E-01	1.93E-01	-3.42E-01	1.93E-01	2.36E-01	0.00E+00	7.38E+01	2.93E-01	1.43E-01	1.56E-02	1.95E-01	1.04E-01	3.27E-01	2.81E-01	2.45E-01	7.57E-01	2.64E-01	9.56E-02	3.98E-02	4.85E-01	6.53E-01	1.68E+00	5.74E-01	1.67E-01	6.20E-01	1.33E-01	1.84E+00	5.24E-01	6.70E-01	2.25E-01	6.70E+01	6.93E-01	2.45E+00	2.93E+00	0.00E+00	0.00E+00	1.70E+00	
ADA570G	2.98E-01	1.98E-01	6.84E-03	1.98E-01	2.18E-01	0.00E+00	7.41E+01	4.18E-01	1.46E-01	1.67E-02	1.98E-01	1.43E-01	3.27E-01	3.37E-01	3.31E-01	1.14E+00	2.68E-01	9.97E-02	4.98E-02	4.48E-01	5.87E-01	1.68E+00	5.95E-01	1.98E-01	6.78E-03	1.41E-01	2.08E+00	5.28E-01	6.94E-01	3.32E-01	6.94E+01	6.93E-01	2.88E+00	2.93E+00	0.00E+00	0.00E+00	1.97E+00	
ADA810H	2.47E-01	1.94E-01	-3.65E-02	1.94E-01	2.33E-01	0.00E+00	7.19E+01	2.93E-01	1.44E-01	1.56E-02	1.96E-01	1.03E-01	3.26E-01	2.95E-01	2.43E-01	7.57E-01	2.65E-01	9.66E-02	3.93E-02	4.83E-01	6.71E-01	1.67E+00	5.74E-01	1.64E-01	6.20E-01	1.33E-01	1.84E+00	5.23E-01	6.69E-01	2.25E-01	6.69E+01	6.93E-01	2.34E+00	2.93E+00	0.00E+00	0.00E+00	1.68E+00	
ADA816H	2.91E-01	1.95E-01	-3.32E-02	1.95E-01	2.33E-01	0.00E+00	7.19E+01	2.93E-01	1.44E-01	1.60E-02	1.97E-01	1.04E-01	3.27E-01	3.42E-01	2.45E-01	7.57E-01	2.67E-01	9.98E-02	3.95E-02	4.81E-01	6.70E-01	1.68E+00	5.74E-01	1.68E-01	6.71E-03	1.34E-01	1.83E+00	5.23E-01	6.69E-01	2.25E-01	6.69E+01	6.93E-01	2.35E+00	2.93E+00	0.00E+00	0.00E+00	1.71E+00	
ADA820H	6.95E-01	6.95E-01	1.92E-03	6.95E-01	0.00E+00	0.00E+00	7.22E+01	2.93E-01	1.95E-01	2.00E-02	2.43E-01	1.30E-01	3.27E-01	3.38E-01	3.31E-01	1.14E+00	2.71E-01	1.03E-01	4.98E-02	4.48E-01	6.68E-01	1.68E+00	5.95E-01	1.97E-01	6.78E-03	1.41E-01	2.07E+00	5.28E-01	6.93E-01	3.32E-01	6.93E+01	6.93E-01	2.88E+00	2.93E+00	0.00E+00	0.00E+00	1.98E+00	
ADA825H	3.02E-01	1.93E-01	6.72E-03	1.93E-01	2.18E-01	0.00E+00	7.24E+01	4.18E-01	1.51E-01	1.69E-02	2.21E-02	1.44E-01	3.27E-01	3.41E-01	3.34E-01	1.14E+00	2.72E-01	1.03E-01	4.93E-02	4.48E-01	6.67E-01	1.67E+00	5															

	ADC420F	4.93E-02	5.91E-02	-3.16E-02	3.55E-02	3.52E-02	0.00E+00	2.43E-02	3.94E-02	3.71E-02	4.30E-02	4.45E-02	1.88E-01	8.62E-02	4.32E-02	3.95E-02	1.04E+00	6.94E-02	1.61E-01	0.16E+00	1.16E+00	1.35E+02	5.32E+00	1.31E+00	3.25E+02	1.48E+02	1.03E+02	1.35E+02	1.43E+02	4.32E+00	0.00E+00	0.00E+00	4.61E+00	2.25E+00			
	ADC420U	3.31E-02	3.30E+00	-3.44E-02	3.97E-02	1.47E-02	0.00E+00	5.59E+02	1.27E-02	3.37E-02	3.64E+02	1.87E-02	5.06E+00	1.36E+02	1.43E+02	1.18E+02	3.10E+01	2.52E+02	6.41E+02	2.59E+02	3.01E+01	7.52E+01	1.70E+00	4.43E+02	2.01E+02	1.20E+02	2.85E+04	2.19E+02	6.93E+01	7.65E+01	2.96E+02	7.65E+01	1.47E+02	2.62E+02	0.00E+00	1.13E+00	1.28E+00
	ADC432F	5.19E-02	5.94E+00	-2.72E-02	5.71E-02	3.97E-02	0.00E+00	2.42E+02	4.97E-02	3.77E-02	4.17E+02	4.48E+02	2.94E+01	1.67E+02	5.26E+02	4.32E+02	1.28E+00	8.62E+02	1.62E+01	6.93E+02	1.16E+01	3.91E+02	5.35E+00	1.32E+00	3.25E+02	1.52E+02	1.03E+02	1.35E+02	1.43E+02	4.32E+00	0.00E+00	0.00E+00	4.61E+00	2.25E+00			
	ADC432U	3.97E-02	4.20E+00	-2.82E-02	4.24E-02	1.93E-02	0.00E+00	5.96E+02	2.29E+04	3.24E-02	3.51E+02	3.96E+02	1.96E+02	1.37E+02	5.44E+02	3.32E+02	1.24E+02	6.93E+02	4.87E+02	3.32E+01	7.88E+01	1.54E+00	5.84E+02	2.06E+02	1.24E+02	3.56E+04	1.70E+02	6.93E+01	8.07E+01	3.19E+02	2.98E+02	0.00E+00	1.13E+00	2.06E+00			
	ADC440U	4.02E-02	4.34E+00	-2.82E-02	4.37E-02	1.53E-02	0.00E+00	7.89E+02	2.21E+04	3.24E-02	3.61E+02	2.85E+02	7.19E+02	1.95E+02	2.24E+02	1.94E+02	8.11E+01	2.77E+02	6.93E+02	5.94E+02	3.74E+01	8.13E+02	2.58E+00	5.97E+02	2.42E+02	1.27E+02	3.85E+04	2.28E+02	7.11E+02	8.39E+02	4.24E+04	8.39E+02	8.02E+02	2.99E+02	0.00E+00	1.13E+00	2.17E+00
	ADG710F	2.74E-02	2.43E+00	-4.86E-02	2.44E+02	2.03E-02	0.00E+00	7.37E+02	2.93E+04	1.78E-02	1.98E+02	1.97E+02	1.04E+01	3.26E+02	2.03E+02	2.88E+02	7.27E+01	2.66E+02	9.62E+02	4.08E+02	5.85E+01	7.45E+01	1.78E+00	6.44E+02	1.80E+02	7.58E+02	1.77E+04	2.06E+02	5.23E+02	1.73E+01	3.35E+02	7.57E+02	2.58E+02	0.00E+00	4.45E+02	1.74E+00	
	ADG716F	2.77E-02	2.48E+00	-4.76E-02	2.46E+02	2.03E-02	0.00E+00	7.36E+02	2.93E+04	1.78E-02	1.97E+02	1.96E+02	1.03E+01	3.27E+02	2.03E+02	2.88E+02	7.27E+01	2.66E+02	9.62E+02	4.12E+02	5.73E+01	7.41E+01	1.78E+00	6.42E+02	1.84E+02	7.58E+02	1.78E+04	2.07E+02	5.23E+02	1.73E+01	3.35E+02	7.58E+02	2.58E+02	0.00E+00	4.45E+02	1.77E+00	
	ADC806F	2.76E-02	2.48E+00	-4.83E-02	2.47E+02	2.03E-02	0.00E+00	7.41E+02	2.93E+04	1.80E-02	1.98E+02	1.96E+02	1.03E+01	3.27E+02	2.03E+02	2.72E+02	7.27E+01	2.66E+02	9.67E+02	4.11E+02	5.82E+01	7.46E+01	1.77E+00	6.42E+02	1.84E+02	7.57E+02	1.77E+04	2.11E+02	5.27E+02	1.74E+01	3.31E+02	7.64E+02	7.61E+02	2.54E+02	0.00E+00	4.45E+02	1.77E+00
	ADC810F	2.16E-02	2.38E+00	-2.72E-02	2.62E+02	2.45E-02	0.00E+00	1.11E+03	8.01E+02	1.88E-02	2.15E+02	2.25E+02	6.21E+00	3.04E+02	1.78E+02	1.24E+02	1.94E+02	2.77E+02	7.65E+02	2.45E+02	5.83E+01	8.63E+01	2.65E+00	1.21E+00	1.38E+02	7.38E+02	2.07E+04	1.62E+02	6.66E+01	1.16E+02	1.23E+02	7.18E+02	2.32E+02	0.00E+00	2.36E+02	1.05E+00	
	ADC816F	2.16E-02	2.68E+00	-2.72E-02	2.62E+02	2.45E-02	0.00E+00	1.11E+03	8.01E+02	1.88E-02	2.11E+02	2.25E+02	6.41E+00	3.04E+02	1.81E+02	1.25E+02	1.83E+02	2.76E+02	7.63E+02	2.46E+02	5.81E+01	8.62E+01	2.65E+00	1.21E+00	1.41E+02	7.43E+02	2.08E+04	1.64E+02	6.66E+01	1.16E+02	1.23E+02	7.18E+02	2.32E+02	0.00E+00	2.36E+02	1.07E+00	
	ADC906F	2.65E+02	2.48E+00	-3.94E-02	2.46E+02	2.03E-02	0.00E+00	7.43E+02	2.93E+04	1.81E-02	1.98E+02	1.96E+02	1.03E+01	3.27E+02	2.03E+02	2.72E+02	7.27E+01	2.67E+02	9.65E+02	4.23E+02	5.75E+01	7.47E+01	1.78E+00	6.44E+02	1.85E+02	7.58E+02	1.78E+04	2.07E+02	5.23E+02	1.73E+01	3.35E+02	7.64E+02	7.61E+02	2.54E+02	0.00E+00	4.45E+02	1.80E+00
	ADC906H	2.85E+02	2.48E+00	-3.75E-02	2.48E+02	1.68E-02	0.00E+00	7.39E+02	2.93E+04	1.82E-02	2.03E+02	2.04E+02	1.11E+01	3.27E+02	2.07E+02	2.83E+02	7.55E+01	2.76E+02	9.95E+02	4.22E+02	5.88E+01	7.47E+01	1.77E+00	6.44E+02	1.85E+02	7.65E+02	1.82E+04	2.12E+02	5.33E+02	1.74E+01	3.36E+02	7.64E+02	7.63E+02	2.55E+02	0.00E+00	4.45E+02	1.81E+00
	ADC906T	2.20E+02	2.41E+00	-3.95E-02	2.46E+02	1.26E-02	0.00E+00	5.23E+02	1.46E+04	1.95E-02	2.12E+02	1.46E+02	4.73E+00	2.51E+02	1.65E+02	1.25E+02	3.35E+01	2.85E+02	6.94E+02	2.12E+02	4.86E+01	5.21E+01	1.82E+00	2.51E+02	1.32E+02	7.26E+02	1.43E+04	1.42E+02	6.60E+01	1.33E+02	2.15E+04	5.39E+02	2.08E+02	0.00E+00	9.36E+02	9.18E+01	
	ADC910D	2.81E-02	2.43E+00	-3.71E-02	2.45E+02	2.03E-02	0.00E+00	7.42E+02	2.93E+04	1.79E-02	1.97E+02	1.95E+02	1.03E+01	3.27E+02	2.01E+02	2.78E+02	7.27E+01	2.71E+02	9.63E+02	4.15E+02	5.81E+01	7.22E+01	1.78E+00	6.43E+02	1.83E+02	7.57E+02	1.84E+04	2.02E+02	5.23E+02	1.74E+01	3.29E+02	7.41E+02	7.41E+02	2.32E+02	0.00E+00	4.45E+02	1.78E+00
	ADC910H	2.81E-02	2.43E+00	-3.86E-02	2.44E+02	1.85E-02	0.00E+00	7.27E+02	2.93E+04	1.81E-02	1.99E+02	1.96E+02	1.03E+01	3.26E+02	2.03E+02	2.85E+02	7.27E+01	2.76E+02	9.61E+02	4.15E+02	5.83E+01	7.26E+01	1.78E+00	6.43E+02	1.83E+02	7.58E+02	1.84E+04	2.06E+02	5.23E+02	1.74E+01	3.30E+02	7.42E+02	7.41E+02	2.32E+02	0.00E+00	4.45E+02	1.79E+00
	ADC910M	2.82E+02	2.48E+00	-3.81E-02	2.48E+02	2.03E-02	0.00E+00	7.39E+02	2.93E+04	1.81E-02	1.99E+02	1.95E+02	1.03E+01	3.26E+02	2.02E+02	2.78E+02	7.27E+01	2.74E+02	9.91E+02	4.17E+02	5.82E+01	7.42E+01	1.78E+00	6.43E+02	1.83E+02	7.62E+02	1.84E+04	1.99E+02	5.31E+02	1.75E+01	3.30E+02	7.62E+02	7.63E+02	2.53E+02	0.00E+00	4.45E+02	1.79E+00
	ADC910T	2.22E+02	2.41E+00	-3.95E-02	2.46E+02	1.26E-02	0.00E+00	5.23E+02	1.47E+04	1.95E-02	2.12E+02	1.46E+02	4.78E+00	2.52E+02	1.66E+02	1.25E+02	3.31E+01	2.87E+02	6.93E+02	2.14E+02	4.86E+01	5.21E+01	1.82E+00	2.52E+02	1.32E+02	7.31E+02	1.43E+04	1.42E+02	6.61E+01	1.33E+02	2.15E+04	5.39E+02	2.08E+02	0.00E+00	9.36E+02	9.17E+01	
	ADC913T	2.22E+02	2.41E+00	-3.95E-02	2.45E+02	1.26E-02	0.00E+00	5.22E+02	1.47E+04	1.95E-02	2.12E+02	1.50E+02	4.78E+00	2.52E+02	1.65E+02	1.27E+02	3.31E+01	2.87E+02	6.93E+02	2.14E+02	5.04E+01	5.21E+01	1.82E+00	2.51E+02	1.32E+02	7.31E+02	1.43E+04	1.42E+02	6.61E+01	1.33E+02	2.15E+04	5.39E+02	2.08E+02	0.00E+00	9.36E+02	9.19E+01	
	ADC916D	2.22E+02	2.41E+00	-3.95E-02	2.45E+02	1.26E-02	0.00E+00	5.22E+02	1.47E+04	1.95E-02	2.12E+02	1.50E+02	4.78E+00	2.52E+02	1.65E+02	1.27E+02	3.31E+01	2.87E+02	6.93E+02	2.14E+02	5.04E+01	5.21E+01	1.82E+00	2.51E+02	1.32E+02	7.31E+02	1.43E+04	1.42E+02	6.61E+01	1.33E+02	2.15E+04	5.39E+02	2.08E+02	0.00E+00	9.36E+02	9.19E+01	
	ADC916H	2.22E+02	2.41E+00	-3.95E-02	2.45E+02	1.26E-02	0.00E+00	5.22E+02	1.47E+04	1.95E-02	2.12E+02	1.50E+02	4.78E+00	2.52E+02	1.65E+02	1.27E+02	3.31E+01	2.87E+02	6.93E+02	2.14E+02	5.04E+01	5.21E+01	1.82E+00	2.51E+02	1.32E+02	7.31E+02	1.43E+04	1.42E+02	6.61E+01	1.33E+02	2.15E+04	5.39E+02	2.08E+02	0.00E+00	9.36E+02	9.19E+01	
	ADC916H	2.85E+02	2.48E+00	-3.74E-02	2.48E+02	1.68E-02	0.00E+00	7.29E+02	2.93E+04	1.82E-02	2.03E+02	2.04E+02	1.09E+01	3.26E+02	2.05E+02	2.78E+02	7.55E+01	2.76E+02	9.93E+02	4.23E+02	5.78E+01	7.42E+01	1.77E+00	6.44E+02	1.85E+02	7.65E+02	1.84E+04	1.97E+02	5.32E+02	1.75E+01	3.30E+02	7.63E+02	7.64E+02	2.53E+02	0.00E+00	4.45E+02	1.82E+00
	ADC916M	2.85E+02	2.48E+00	-3.75E-02	2.48E+02	1.68E-02	0.00E+00	7.27E+02	2.93E+04	1.82E-02	2.03E+02	2.04E+02	1.09E+01	3.26E+02	2.05E+02	2.78E+02	7.57E+01	2.76E+02	9.93E+02	4.23E+02	5.80E+01	7.45E+01	1.78E+00	6.44E+02	1.85E+02	7.65E+02	1.85E+04	2.00E+02	5.32E+02	1.75E+01	3.30E+02	7.63E+02	7.64E+02	2.53E+02	0.00E+00	4.45E+02	1.82E+00
	ADC916T	2.35E+02	2.37E+00	-3.94E-02	2.45E+02	1.26E-02	0.00E+00	4.95E+02	1.46E+04	1.91E+02	2.07E+02	1.46E+02	4.99E+00	2.65E+02	1.32E+02	1.31E+02	3.31E+01	2.82E+02	6.93E+02	2.26E+02	5.47E+01	5.19E+01	1.68E+00	2.41E+02	1.34E+02	7.15E+02	1.44E+04	1.52E+02	6.60E+01	1.33E+02	2.16E+04	5.39E+02	2.09E+02	0.00E+00	9.36E+02	9.23E+01	
	ADC920D	3.44E+02	6.47E+02	2.42E+02	1.75E-02	0.00E+00	4.46E+02	4.29E+04	1.85E-02	2.07E+02	2.04E+02	1.74E+02	2.66E+02	1.06E+02	4.89E+02	1.85E+02	2.66E+02	1.06E+02	4.89E+02	2.15E+02	5.86E+01	6.86E+01	1.68E+00	2.41E+02	1.34E+02	7.15E+02	1.44E+04	1.52E+02	6.60E+01	1.33E+02	2.16E+04	5.39E+02	2.09E+02	0.00E+00	9.36E+02	9.23E+01	
	ADC920H	3.35E+02	2.48E+00	6.32E+02	2.46E+02	1.75E-02	0.00E+00	4.19E+04	1.81E+02	2.05E+02	2.05E+02	1.47E+02	3.39E+02	3.41E+02	3.94E+02	1.14E+02	2.82E+02	1.03E+02	4.94E+02	5.85E+01	6.95E+01	1.75E+00	6.85E+02	2.15E+02	8.14E+02	1.82E+04	2.22E+02	3.35E+02	6.93E+01	3.49E+02	6.93E+02	7.71E+02	2.75E+02	0.00E+00	4.45E+02	2.38E+00	
	ADC920T	2.44E+02	2.37E+00	-3.97E-02	2.46E+02	1.32E-02	0.00E+00	4.98E+02	2.09E+04	1.94E-02	2.11E+02	1.50E+02	6.70E+00	2.65E+02	1.65E+02	1.09E+02	3.21E+01	2.77E+02	6.14E+02	2.62E+02	5.50E+01	4.81E+01	1.68E+00	2.53E+02	1.48E+02	7.38E+02	1.45E+04	1.64E+02	6.61E+01	1.48E+02	2.26E+04	4.98E+02	2.17E+02	2.36E+02	0.00E+00	9.36E+02	1.12E+

ADP490H	6.98E-02	5.98E-02	8.78E-03	3.57E-03	3.88E-04	0.00E+00	1.73E-03	7.30E-04	4.22E-03	4.80E-02	4.05E-03	2.41E-03	6.10E-03	5.88E-03	5.28E-03	2.14E-03	5.45E-03	1.84E-03	7.08E-02	0.98E-03	1.31E-02	4.15E-03	1.45E-04	3.88E-02	1.71E-02	2.75E-04	4.72E-03	9.82E-03	1.35E-02	9.85E-04	1.35E-02	1.47E-02	5.78E-03	0.00E+00	0.00E+00	2.38E-02	3.30E-03
ADQ466H	6.11E-02	5.53E-02	6.53E-03	5.52E-03	3.88E-04	0.00E+00	1.73E-03	7.30E-04	4.18E-03	4.78E-02	3.50E-03	2.25E-03	5.98E-03	5.88E-03	4.93E-03	2.14E-03	5.36E-03	1.84E-03	7.38E-02	0.81E-03	1.30E-02	4.14E-03	1.44E-04	3.70E-02	1.67E-02	2.75E-04	4.60E-03	9.71E-03	1.34E-02	9.85E-04	1.34E-02	1.46E-02	5.62E-03	0.00E+00	0.00E+00	2.38E-02	3.17E-03
ADQ490H	6.98E-02	5.98E-02	8.78E-03	3.57E-03	3.88E-04	0.00E+00	1.73E-03	7.30E-04	4.22E-03	4.80E-02	4.05E-03	2.41E-03	6.10E-03	5.88E-03	5.28E-03	2.14E-03	5.45E-03	1.84E-03	7.08E-02	0.98E-03	1.31E-02	4.15E-03	1.45E-04	3.88E-02	1.71E-02	2.75E-04	4.72E-03	9.82E-03	1.35E-02	9.85E-04	1.35E-02	1.47E-02	5.78E-03	0.00E+00	0.00E+00	2.38E-02	3.30E-03
ADS906D	2.63E-02	3.91E-02	1.04E-03	1.30E-03	2.05E-04	0.00E+00	7.91E-03	3.18E-04	1.16E-03	1.80E-03	1.56E-03	1.16E-03	3.28E-02	3.97E-03	2.08E-03	8.41E-03	2.76E-03	9.58E-02	4.12E-02	4.78E-03	6.37E-03	1.78E-03	1.43E-04	3.76E-03	6.37E-03	1.96E-04	1.96E-04	5.28E-03	6.44E-03	3.40E-03	6.38E-03	6.68E-03	2.51E-03	0.00E+00	0.00E+00	0.00E+00	1.77E-03
ADS910D	2.98E-02	1.98E-02	-1.18E-03	1.91E-03	2.05E-04	0.00E+00	7.84E-03	3.20E-04	1.44E-03	1.80E-02	1.91E-03	1.14E-03	3.25E-02	2.74E-03	2.83E-03	8.41E-03	2.58E-03	9.53E-02	4.08E-02	4.71E-03	6.38E-03	1.77E-03	9.88E-03	1.75E-03	6.91E-03	1.98E-04	1.91E-03	5.28E-03	6.37E-03	3.23E-03	6.37E-03	6.62E-03	2.48E-03	0.00E+00	0.00E+00	0.00E+00	1.75E-03
ADS913C	2.91E-02	2.28E-02	1.16E-03	1.91E-03	2.14E-04	0.00E+00	8.02E-03	3.18E-04	1.91E-03	2.15E-02	1.86E-03	1.17E-03	1.74E-02	3.97E-03	2.05E-03	8.36E-03	2.76E-03	1.06E-03	3.88E-02	4.88E-03	6.22E-03	1.78E-03	9.88E-03	1.84E-03	7.88E-03	1.34E-04	1.97E-03	5.38E-03	6.38E-03	3.40E-03	6.38E-03	6.64E-03	2.51E-03	0.00E+00	0.00E+00	0.00E+00	1.98E-03
ADS913D	2.91E-02	1.98E-02	-1.11E-03	1.98E-03	2.05E-04	0.00E+00	7.84E-03	3.20E-04	1.44E-03	1.80E-02	1.91E-03	1.14E-03	3.24E-02	2.73E-03	2.82E-03	8.41E-03	2.58E-03	9.53E-02	4.05E-02	4.63E-03	6.38E-03	1.77E-03	9.88E-03	1.74E-03	6.23E-03	1.98E-04	1.98E-04	5.28E-03	6.38E-03	3.23E-03	6.38E-03	6.62E-03	2.42E-03	0.00E+00	0.00E+00	0.00E+00	1.94E-03
ADS913QC	2.86E-02	1.86E-04	2.18E-03	2.07E-04	0.00E+00	7.91E-03	3.18E-04	1.75E-03	1.98E-02	1.80E-03	1.92E-03	1.20E-03	3.28E-02	3.97E-03	2.08E-03	8.66E-03	2.65E-03	9.87E-02	3.72E-02	3.88E-03	6.68E-03	1.74E-03	9.88E-03	1.88E-03	7.23E-03	1.36E-04	1.93E-03	5.32E-03	6.42E-03	3.25E-03	6.22E-03	6.47E-03	2.46E-03	0.00E+00	0.00E+00	0.00E+00	1.60E-03
ADS916C	2.83E-02	2.27E-02	9.84E-04	2.21E-03	2.14E-04	0.00E+00	8.05E-03	3.38E-04	1.75E-03	1.98E-02	1.92E-03	1.17E-03	1.74E-02	3.94E-03	2.05E-03	8.36E-03	2.65E-03	1.07E-03	3.70E-02	5.84E-03	6.22E-03	1.77E-03	9.88E-03	1.82E-03	7.21E-03	1.45E-04	1.91E-03	5.33E-03	6.47E-03	3.40E-03	6.27E-03	6.51E-03	2.44E-03	0.00E+00	0.00E+00	0.00E+00	1.98E-03
ADS916D	2.83E-02	1.91E-02	-9.82E-04	1.91E-03	2.05E-04	0.00E+00	7.84E-03	3.20E-04	1.45E-03	1.81E-02	1.82E-03	1.15E-03	3.24E-02	2.73E-03	2.82E-03	8.41E-03	2.61E-03	9.53E-02	4.12E-02	4.88E-03	6.22E-03	1.77E-03	9.88E-03	1.78E-03	6.38E-03	1.45E-04	1.92E-03	5.21E-03	6.38E-03	3.23E-03	6.38E-03	6.64E-03	2.44E-03	0.00E+00	0.00E+00	0.00E+00	1.77E-03
ADS916QC	2.81E-02	2.18E-02	3.91E-04	2.38E-03	2.07E-04	0.00E+00	7.91E-03	3.18E-04	1.93E-03	2.05E-02	1.92E-03	1.20E-03	3.28E-02	3.97E-03	2.08E-03	8.58E-03	2.61E-03	9.85E-02	3.74E-02	3.88E-03	6.68E-03	1.74E-03	9.88E-03	1.88E-03	7.21E-03	1.36E-04	1.94E-03	5.33E-03	6.42E-03	3.25E-03	6.22E-03	6.47E-03	2.46E-03	0.00E+00	0.00E+00	0.00E+00	1.62E-03
ADS960D	2.93E-02	1.91E-02	-1.11E-03	1.91E-03	2.05E-04	0.00E+00	7.89E-03	3.23E-04	1.44E-03	1.80E-02	1.91E-03	1.14E-03	3.24E-02	2.73E-03	2.82E-03	8.41E-03	2.58E-03	9.53E-02	4.05E-02	4.63E-03	6.38E-03	1.77E-03	9.88E-03	1.74E-03	6.23E-03	1.98E-04	1.98E-04	5.28E-03	6.38E-03	3.23E-03	6.38E-03	6.62E-03	2.42E-03	0.00E+00	0.00E+00	0.00E+00	1.94E-03
ADS963D	2.81E-02	1.91E-02	-9.73E-04	1.91E-03	2.05E-04	0.00E+00	7.84E-03	3.20E-04	1.45E-03	1.81E-02	1.82E-03	1.15E-03	3.24E-02	2.73E-03	2.82E-03	8.41E-03	2.61E-03	9.53E-02	4.05E-02	4.78E-03	6.22E-03	1.77E-03	9.88E-03	1.78E-03	6.38E-03	1.45E-04	1.92E-03	5.21E-03	6.42E-03	3.25E-03	6.22E-03	6.47E-03	2.45E-03	0.00E+00	0.00E+00	0.00E+00	1.78E-03
ADS975D	2.61E-02	2.61E-02	6.75E-03	1.91E-03	1.20E-04	0.00E+00	7.93E-03	4.15E-04	1.93E-03	1.68E-02	2.08E-03	1.20E-03	3.18E-02	3.96E-03	2.05E-03	8.15E-03	2.71E-03	9.88E-02	4.61E-02	4.78E-03	6.22E-03	1.78E-03	9.88E-03	1.88E-03	7.23E-03	1.45E-04	2.06E-03	5.36E-03	6.42E-03	3.25E-03	6.22E-03	6.47E-03	2.46E-03	0.00E+00	0.00E+00	0.00E+00	1.98E-03
ADX406D	6.44E-02	5.61E-02	1.12E-02	5.93E-03	3.32E-04	0.00E+00	1.72E-03	7.83E-04	4.23E-03	4.83E-02	3.94E-03	2.44E-03	6.14E-03	5.95E-03	5.38E-03	2.33E-03	5.34E-03	1.85E-03	7.84E-02	1.01E-03	1.32E-02	4.12E-03	1.45E-04	3.93E-02	1.72E-02	2.82E-04	4.74E-03	9.74E-03	1.35E-02	9.85E-04	1.35E-02	1.42E-02	5.71E-03	0.00E+00	0.00E+00	2.38E-02	3.37E-03
ADX410D	5.92E-02	5.48E-02	5.38E-03	5.48E-03	3.88E-04	0.00E+00	1.71E-03	7.30E-04	4.12E-03	4.73E-02	3.82E-03	2.13E-03	5.82E-03	5.37E-03	4.68E-03	2.14E-03	5.17E-03	1.83E-03	7.18E-02	0.72E-03	1.26E-02	4.18E-03	1.43E-04	3.58E-02	1.64E-02	2.75E-04	4.61E-03	9.62E-03	1.33E-02	9.25E-04	1.33E-02	1.38E-02	5.97E-03	0.00E+00	0.00E+00	2.38E-02	3.09E-03
ADX416D	6.11E-02	5.52E-02	6.94E-03	5.51E-03	3.88E-04	0.00E+00	1.72E-03	7.30E-04	4.18E-03	4.78E-02	3.91E-03	2.25E-03	5.95E-03	5.38E-03	4.93E-03	2.14E-03	5.36E-03	1.84E-03	7.38E-02	0.79E-03	1.30E-02	4.12E-03	1.44E-04	3.70E-02	1.67E-02	2.75E-04	4.65E-03	9.71E-03	1.34E-02	9.75E-04	1.34E-02	1.45E-02	5.82E-03	0.00E+00	0.00E+00	2.38E-02	3.17E-03
ADX420D	6.21E-02	5.61E-02	7.55E-03	5.94E-03	3.88E-04	0.00E+00	1.73E-03	7.31E-04	4.23E-03	4.81E-02	3.97E-03	2.25E-03	5.96E-03	5.37E-03	5.10E-03	2.14E-03	5.47E-03	1.84E-03	7.51E-02	0.81E-03	1.31E-02	4.17E-03	1.45E-04	3.84E-02	1.67E-02	2.75E-04	4.72E-03	1.02E-03	1.35E-02	9.85E-04	1.35E-02	1.47E-02	5.76E-03	0.00E+00	0.00E+00	2.38E-02	3.20E-03
ADX420T	6.22E-02	5.58E-02	4.21E-03	3.55E-03	3.88E-04	0.00E+00	1.75E-03	7.31E-04	4.23E-03	4.83E-02	3.98E-03	2.23E-03	5.98E-03	5.37E-03	5.11E-03	2.14E-03	5.49E-03	1.84E-03	7.53E-02	0.85E-03	1.31E-02	4.17E-03	1.45E-04	3.77E-02	1.68E-02	2.75E-04	4.70E-03	1.01E-03	1.35E-02	9.45E-04	1.35E-02	1.47E-02	5.71E-03	0.00E+00	0.00E+00	2.38E-02	3.23E-03
ADX425D	6.11E-02	5.53E-02	6.97E-03	5.51E-03	3.88E-04	0.00E+00	1.72E-03	7.30E-04	4.18E-03	4.78E-02	3.92E-03	2.25E-03	5.95E-03	5.38E-03	4.94E-03	2.14E-03	5.36E-03	1.84E-03	7.38E-02	0.79E-03	1.31E-02	4.14E-03	1.44E-04	3.71E-02	1.67E-02	2.75E-04	4.68E-03	9.71E-03	1.34E-02	9.75E-04	1.34E-02	1.45E-02	5.83E-03	0.00E+00	0.00E+00	2.38E-02	3.18E-03
ADX432D	6.33E-02	5.58E-02	8.78E-03	5.55E-03	3.88E-04	0.00E+00	1.72E-03	7.30E-04	4.21E-03	4.84E-02	4.02E-03	2.41E-03	5.98E-03	5.97E-03	5.28E-03	2.14E-03	5.44E-03	1.84E-03	7.64E-02	0.79E-03	1.31E-02	4.14E-03	1.45E-04	3.84E-02	1.70E-02	2.75E-04	4.72E-03	1.02E-03	1.35E-02	9.85E-04	1.35E-02	1.47E-02	5.76E-03	0.00E+00	0.00E+00	2.38E-02	3.28E-03
ADX432T	6.34E-02	5.58E-02	5.38E-03	5.57E-03	3.88E-04	0.00E+00	1.73E-03	7.31E-04	4.23E-03	4.88E-02	4.04E-03	2.41E-03	6.00E-03	5.97E-03	5.30E-03	2.14E-03	5.47E-03	1.84E-03	7.66E-02	0.82E-03	1.31E-02	4.17E-03	1.45E-04	3.84E-02	1.71E-02	2.75E-04	4.72E-03	1.02E-03	1.35E-02	9.85E-04	1.35E-02	1.47E-02	5.76E-03	0.00E+00	0.00E+00	2.38E-02	3.28E-03
ADX440D	6.98E-02	5.97E-02	8.78E-03	3.57E-03	3.88E-04	0.00E+00	1.73E-03	7.30E-04	4.22E-03	4.80E-02	4.05E-03	2.41E-03	6.10E-03	5.88E-03	5.28E-03	2.14E-03	5.45E-03	1.84E-03	7.08E-02	0.98E-03	1.31E-02	4.15E-03	1.45E-04	3.88E-02	1.71E-02	2.75E-04	4.72E-03	9.82E-03	1.35E-02	9.85E-04	1.35E-02	1.47E-02	5.78E-03	0.00E+00	0.00E+00	2.38E-02	3.30E-03
ADX460D	5.92E-02	5.48E-02	5.38E-03	5.48E-03	3.88E-04	0.00E+00	1.71E-03	7.30E-04	4.12E-03	4.73E-02	3.82E-03	2.13E-03	5.82E-03	5.37E-03	4.68E-03	2.14E-03	5.17E-03	1.83E-03	7.18E-02	0.72E-03	1.26E-02	4.18E-03	1.43E-04	3.58E-02	1.64E-02	2.75E-04	4.61E-03	9.62E-03	1.33E-02	9.25E-04	1.33E-02	1.38E-02	5.97E-03	0.00E+00	0.00E+00	2.38E-02	3.09E-03
ADX463C	6.02E-02	5.91E-02	5.75E-03	5.55E-03	3.88E-04	0.00E+00	1.72E-03	7.30E-04	4.21E-03	4.84E-02	4.02E-03	2.41E-03	5.98E-03	5.97E-03	5.28E-03	2.14E-03	5.44E-03	1.84E-03	7.64E-02	0.79E-03	1.31E-02	4.14E-03	1.45E-04	3.84E-02	1.70E-02	2.75E-04	4.72E-03	1.02E-03	1.35E-02	9.85E-04	1.35E-02	1.47E-02	5.76E-03</				

[illegible]

AD	ADC960D	2.65E-04	4.15E-02	0.00E+00	4.15E-02	0.00E+00	0.00E+00	2.65E-02	1.34E-01	1.22E-04	1.34E-03	0.00E+00	0.00E+00	7.21E-13	1.45E-11	1.02E-04	0.00E+00	0.00E+00	0.00E+00	3.03E-04	1.44E-03	5.72E-01	0.00E+00	6.25E-11	2.11E-09	3.37E-04	1.03E-06	7.64E-04	0.00E+00	0.72E-03	1.62E-09	5.72E-01	3.75E-11	7.64E-04	0.00E+00	0.00E+00	0.00E+00	1.35E-04
	ADC96BD	2.65E-04	4.22E-02	0.00E+00	4.22E-02	0.00E+00	0.00E+00	2.77E-02	1.35E-01	1.25E-04	1.35E-03	0.00E+00	0.00E+00	7.42E-13	1.44E-11	1.02E-04	0.00E+00	0.00E+00	0.00E+00	3.14E-04	1.45E-03	5.80E-01	0.00E+00	6.48E-11	2.18E-09	3.47E-04	1.05E-06	7.87E-04	0.00E+00	0.80E-03	1.65E-09	5.80E-01	5.91E-11	7.87E-04	0.00E+00	0.00E+00	0.00E+00	1.61E-04
	ADC970D	2.72E-04	4.29E-02	0.00E+00	4.29E-02	0.00E+00	0.00E+00	2.82E-02	1.36E-01	1.26E-04	1.40E-03	0.00E+00	0.00E+00	7.59E-13	1.44E-11	1.05E-04	0.00E+00	0.00E+00	0.00E+00	3.26E-04	1.51E-03	6.02E-01	0.00E+00	6.59E-11	2.27E-09	3.52E-04	1.07E-06	8.02E-04	0.00E+00	0.82E-03	1.67E-09	6.02E-01	6.10E-11	8.02E-04	0.00E+00	0.00E+00	0.00E+00	1.63E-04
	ADC975D	2.72E-04	4.16E-02	0.00E+00	4.16E-02	0.00E+00	0.00E+00	2.76E-02	1.35E-01	1.26E-04	1.35E-03	0.00E+00	0.00E+00	7.28E-13	1.41E-11	1.01E-04	0.00E+00	0.00E+00	0.00E+00	3.06E-04	1.45E-03	5.78E-01	0.00E+00	6.26E-11	2.13E-09	3.40E-04	1.04E-06	7.71E-04	0.00E+00	0.80E-03	1.57E-03	5.78E-01	5.76E-11	7.71E-04	0.00E+00	0.00E+00	0.00E+00	1.57E-04
	ADH466C	5.05E-04	7.97E-02	0.00E+00	7.97E-02	0.00E+00	0.00E+00	5.22E-02	2.99E-01	2.37E-04	2.99E-03	0.00E+00	0.00E+00	1.40E-12	2.71E-11	1.94E-04	0.00E+00	0.00E+00	0.00E+00	7.09E-04	2.86E-03	1.11E-09	0.00E+00	1.22E-10	4.11E-09	6.03E-04	1.99E-06	1.48E-03	0.00E+00	1.11E-03	3.14E-09	1.11E-09	1.17E-09	1.48E-03	0.00E+00	0.00E+00	0.00E+00	3.03E-04
	ADH913C	2.74E-04	4.33E-02	0.00E+00	4.33E-02	0.00E+00	0.00E+00	2.84E-02	1.62E-01	1.26E-04	1.41E-03	0.00E+00	0.00E+00	7.61E-13	1.47E-11	1.06E-04	0.00E+00	0.00E+00	0.00E+00	3.33E-04	1.52E-03	6.04E-01	0.00E+00	6.84E-11	2.23E-09	3.58E-04	1.08E-06	8.19E-04	0.00E+00	0.84E-03	1.71E-09	6.04E-01	6.89E-11	8.19E-04	0.00E+00	0.00E+00	0.00E+00	1.69E-04
	ADH916D	2.79E-04	4.32E-02	0.00E+00	4.32E-02	0.00E+00	0.00E+00	2.84E-02	1.63E-01	1.26E-04	1.41E-03	0.00E+00	0.00E+00	7.62E-13	1.47E-11	1.06E-04	0.00E+00	0.00E+00	0.00E+00	3.34E-04	1.52E-03	6.05E-01	0.00E+00	6.85E-11	2.23E-09	3.59E-04	1.08E-06	8.20E-04	0.00E+00	0.84E-03	1.72E-09	6.05E-01	6.90E-11	8.20E-04	0.00E+00	0.00E+00	0.00E+00	1.69E-04
	ADH920	2.86E-04	4.42E-02	0.00E+00	4.42E-02	0.00E+00	0.00E+00	2.96E-02	1.71E-01	1.35E-04	1.49E-03	0.00E+00	0.00E+00	8.00E-13	1.55E-11	1.15E-04	0.00E+00	0.00E+00	0.00E+00	4.03E-04	1.60E-03	6.36E-01	0.00E+00	7.39E-11	2.36E-09	3.70E-04	1.14E-06	8.49E-04	0.00E+00	0.90E-03	1.80E-09	6.36E-01	6.47E-11	8.49E-04	0.00E+00	0.00E+00	0.00E+00	1.73E-04
	ADH925	2.92E-04	4.61E-02	0.00E+00	4.61E-02	0.00E+00	0.00E+00	3.02E-02	1.73E-01	1.37E-04	1.50E-03	0.00E+00	0.00E+00	8.17E-13	1.57E-11	1.12E-04	0.00E+00	0.00E+00	0.00E+00	4.06E-04	1.62E-03	6.44E-01	0.00E+00	7.57E-11	2.38E-09	3.78E-04	1.15E-06	8.59E-04	0.00E+00	0.94E-03	1.82E-09	6.44E-01	6.45E-11	8.59E-04	0.00E+00	0.00E+00	0.00E+00	1.75E-04
	ADH956	2.73E-04	4.31E-02	0.00E+00	4.31E-02	0.00E+00	0.00E+00	2.83E-02	1.62E-01	1.26E-04	1.41E-03	0.00E+00	0.00E+00	7.58E-13	1.47E-11	1.05E-04	0.00E+00	0.00E+00	0.00E+00	3.32E-04	1.51E-03	6.02E-01	0.00E+00	6.82E-11	2.22E-09	3.54E-04	1.08E-06	8.13E-04	0.00E+00	0.82E-03	1.70E-09	6.02E-01	6.82E-11	8.13E-04	0.00E+00	0.00E+00	0.00E+00	1.64E-04
	ADH980	2.73E-04	4.31E-02	0.00E+00	4.31E-02	0.00E+00	0.00E+00	2.83E-02	1.62E-01	1.26E-04	1.41E-03	0.00E+00	0.00E+00	7.58E-13	1.47E-11	1.05E-04	0.00E+00	0.00E+00	0.00E+00	3.32E-04	1.51E-03	6.02E-01	0.00E+00	6.82E-11	2.22E-09	3.54E-04	1.08E-06	8.13E-04	0.00E+00	0.82E-03	1.70E-09	6.02E-01	6.82E-11	8.13E-04	0.00E+00	0.00E+00	0.00E+00	1.64E-04
	ADH986	2.73E-04	4.29E-02	0.00E+00	4.29E-02	0.00E+00	0.00E+00	2.83E-02	1.61E-01	1.26E-04	1.40E-03	0.00E+00	0.00E+00	7.58E-13	1.46E-11	1.05E-04	0.00E+00	0.00E+00	0.00E+00	3.32E-04	1.51E-03	6.02E-01	0.00E+00	6.82E-11	2.22E-09	3.54E-04	1.08E-06	8.13E-04	0.00E+00	0.82E-03	1.69E-09	6.02E-01	6.82E-11	8.13E-04	0.00E+00	0.00E+00	0.00E+00	1.63E-04
	ADH970	2.78E-04	4.38E-02	0.00E+00	4.38E-02	0.00E+00	0.00E+00	2.88E-02	1.65E-01	1.33E-04	1.43E-03	0.00E+00	0.00E+00	7.73E-13	1.48E-11	1.07E-04	0.00E+00	0.00E+00	0.00E+00	3.38E-04	1.54E-03	6.13E-01	0.00E+00	6.72E-11	2.28E-09	3.61E-04	1.10E-06	8.17E-04	0.00E+00	0.93E-03	1.73E-09	6.13E-01	6.72E-11	8.17E-04	0.00E+00	0.00E+00	0.00E+00	1.67E-04
	ADH975	2.78E-04	4.42E-02	0.00E+00	4.42E-02	0.00E+00	0.00E+00	2.88E-02	1.65E-01	1.33E-04	1.44E-03	0.00E+00	0.00E+00	7.73E-13	1.52E-11	1.07E-04	0.00E+00	0.00E+00	0.00E+00	3.39E-04	1.55E-03	6.15E-01	0.00E+00	6.76E-11	2.27E-09	3.62E-04	1.10E-06	8.21E-04	0.00E+00	0.93E-03	1.74E-09	6.15E-01	6.76E-11	8.21E-04	0.00E+00	0.00E+00	0.00E+00	1.67E-04
	ADM406G	5.05E-04	8.02E-02	0.00E+00	8.02E-02	0.00E+00	0.00E+00	5.22E-02	3.01E-01	2.38E-04	2.99E-03	0.00E+00	0.00E+00	1.40E-12	2.72E-11	1.95E-04	0.00E+00	0.00E+00	0.00E+00	7.10E-04	2.87E-03	1.12E-09	0.00E+00	1.22E-10	4.14E-09	6.05E-04	2.01E-06	1.48E-03	0.00E+00	1.12E-03	3.16E-09	1.12E-09	1.17E-09	1.48E-03	0.00E+00	0.00E+00	0.00E+00	3.05E-04
	ADM410G	5.05E-04	7.88E-02	0.00E+00	7.88E-02	0.00E+00	0.00E+00	5.17E-02	2.99E-01	2.34E-04	2.97E-03	0.00E+00	0.00E+00	1.39E-12	2.69E-11	1.92E-04	0.00E+00	0.00E+00	0.00E+00	6.97E-04	2.77E-03	1.10E-09	0.00E+00	1.21E-10	4.09E-09	6.48E-04	1.97E-06	1.47E-03	0.00E+00	1.10E-03	3.15E-09	1.10E-09	1.12E-09	1.47E-03	0.00E+00	0.00E+00	0.00E+00	3.03E-04
	ADM410T	5.05E-04	7.88E-02	0.00E+00	7.88E-02	0.00E+00	0.00E+00	5.17E-02	2.99E-01	2.34E-04	2.97E-03	0.00E+00	0.00E+00	1.39E-12	2.69E-11	1.92E-04	0.00E+00	0.00E+00	0.00E+00	6.97E-04	2.77E-03	1.10E-09	0.00E+00	1.21E-10	4.09E-09	6.48E-04	1.97E-06	1.47E-03	0.00E+00	1.10E-03	3.15E-09	1.10E-09	1.12E-09	1.47E-03	0.00E+00	0.00E+00	0.00E+00	3.03E-04
	ADM413C	5.05E-04	7.88E-02	0.00E+00	7.88E-02	0.00E+00	0.00E+00	5.17E-02	2.99E-01	2.34E-04	2.97E-03	0.00E+00	0.00E+00	1.39E-12	2.69E-11	1.92E-04	0.00E+00	0.00E+00	0.00E+00	6.97E-04	2.77E-03	1.10E-09	0.00E+00	1.21E-10	4.09E-09	6.48E-04	1.97E-06	1.47E-03	0.00E+00	1.10E-03	3.15E-09	1.10E-09	1.12E-09	1.47E-03	0.00E+00	0.00E+00	0.00E+00	3.03E-04
	ADM416C	5.05E-04	7.87E-02	0.00E+00	7.87E-02	0.00E+00	0.00E+00	5.16E-02	2.98E-01	2.34E-04	2.96E-03	0.00E+00	0.00E+00	1.38E-12	2.70E-11	1.94E-04	0.00E+00	0.00E+00	0.00E+00	6.95E-04	2.76E-03	1.10E-09	0.00E+00	1.21E-10	4.11E-09	6.50E-04	1.98E-06	1.48E-03	0.00E+00	1.11E-03	3.16E-09	1.11E-09	1.12E-09	1.48E-03	0.00E+00	0.00E+00	0.00E+00	3.03E-04
	ADM416G	5.05E-04	7.87E-02	0.00E+00	7.87E-02	0.00E+00	0.00E+00	5.16E-02	2.98E-01	2.34E-04	2.96E-03	0.00E+00	0.00E+00	1.38E-12	2.71E-11	1.94E-04	0.00E+00	0.00E+00	0.00E+00	6.95E-04	2.80E-03	1.11E-09	0.00E+00	1.22E-10	4.11E-09	6.50E-04	1.98E-06	1.48E-03	0.00E+00	1.11E-03	3.16E-09	1.11E-09	1.12E-09	1.48E-03	0.00E+00	0.00E+00	0.00E+00	3.03E-04
	ADM416QC	4.98E-04	7.83E-02	0.00E+00	7.83E-02	0.00E+00	0.00E+00	5.12E-02	2.94E-01	2.33E-04	2.93E-03	0.00E+00	0.00E+00	1.36E-12	2.68E-11	1.91E-04	0.00E+00	0.00E+00	0.00E+00	6.93E-04	2.75E-03	1.09E-09	0.00E+00	1.20E-10	4.04E-09	6.44E-04	1.96E-06	1.46E-03	0.00E+00	1.09E-03	3.09E-09	1.09E-09	1.10E-09	1.46E-03	0.00E+00	0.00E+00	0.00E+00	2.98E-04
	ADM416T	5.05E-04	8.02E-02	0.00E+00	8.02E-02	0.00E+00	0.00E+00	5.22E-02	3.01E-01	2.38E-04	2.99E-03	0.00E+00	0.00E+00	1.41E-12	2.72E-11	1.95E-04	0.00E+00	0.00E+00	0.00E+00	7.10E-04	2.87E-03	1.12E-09	0.00E+00	1.22E-10	4.14E-09	6.05E-04	2.01E-06	1.48E-03	0.00E+00	1.12E-03	3.16E-09	1.12E-09	1.17E-09	1.48E-03	0.00E+00	0.00E+00	0.00E+00	3.05E-04
	ADM420C	5.05E-04	7.87E-02	0.00E+00	7.87E-02	0.00E+00	0.00E+00	5.16E-02	2.98E-01	2.34E-04	2.96E-03	0.00E+00	0.00E+00	1.38E-12	2.70E-11	1.94E-04	0.00E+00	0.00E+00	0.00E+00	6.95E-04	2.76E-03	1.10E-09	0.00E+00	1.21E-10	4.11E-09	6.50E-04	1.98E-06	1.48E-03	0.00E+00	1.11E-03	3.16E-09	1.11E-09	1.12E-09	1.48E-03	0.00E+00	0.00E+00	0.00E+00	3.03E-04
	ADM420G	5.04E-04	7.85E-02	0.00E+00	7.85E-02	0.00E+00	0.00E+00	5.11E-02	2.96E-01	2.34E-04	2.93E-03	0.00E+00	0.00E+00	1.40E-12	2.71E-11	1.94E-04	0.00E+00	0.00E+00	0.00E+00	7.04E-04	2.76E-03	1.11E-09	0.00E+00	1.22E-10	4.10E-09	6.54E-04	1.99E-06	1.48E-03	0.00E+00	1.11E-03	3.15E-09	1.11E-09	1.12E-09	1.48E-03	0.00E+00	0.00E+00	0.00E+00	3.03E-04
	ADM420T	5.05E-04	8.02E-02	0.00E+00	8.02E-02	0.00E+00	0.00E+00	5.22E-02	3.01E-01	2.38E-04	2.99E-03	0.00E+00	0.00E+00	1.41E-12	2.72E-11	1.95E-04	0.00E+00	0.00E+00	0.00E+00	7.10E-04	2.87E-																	

ADX475D	5,95E-04	7,97E-02	0,00E+00	7,97E-02	0,00E+00	0,00E+00	5,23E-02	2,95E-01	3,37E-04	2,80E-03	0,00E+00	0,00E+00	1,40E-12	2,71E-11	1,94E-04	0,00E+00	0,00E+00	0,00E+00	7,05E-04	2,85E-03	1,11E+00	0,00E+00	1,22E-11	4,11E-09	6,55E-04	1,85E-06	1,48E-03	0,00E+00	1,11E+00	3,14E-03	1,11E+00	1,11E+00	1,48E-03	0,00E+00	0,00E+00	0,00E+00	3,03E-04
ADX482C	5,18E-04	8,18E-02	0,00E+00	8,18E-02	0,00E+00	0,00E+00	5,36E-02	3,07E-01	2,43E-04	2,67E-03	0,00E+00	0,00E+00	1,44E-12	2,78E-11	1,95E-04	0,00E+00	0,00E+00	0,00E+00	7,24E-04	2,87E-03	1,14E+00	0,00E+00	1,26E-11	4,22E-09	6,73E-04	2,02E-06	1,52E-03	0,00E+00	1,14E+00	3,22E-03	1,14E+00	1,14E+00	1,52E-03	0,00E+00	0,00E+00	0,00E+00	3,11E-04
ADX482D	5,18E-04	8,18E-02	0,00E+00	8,18E-02	0,00E+00	0,00E+00	5,36E-02	3,07E-01	2,43E-04	2,67E-03	0,00E+00	0,00E+00	1,44E-12	2,78E-11	1,95E-04	0,00E+00	0,00E+00	0,00E+00	7,24E-04	2,87E-03	1,14E+00	0,00E+00	1,26E-11	4,22E-09	6,73E-04	2,02E-06	1,52E-03	0,00E+00	1,14E+00	3,22E-03	1,14E+00	1,14E+00	1,52E-03	0,00E+00	0,00E+00	0,00E+00	3,11E-04
ADX490C	5,18E-04	8,18E-02	0,00E+00	8,18E-02	0,00E+00	0,00E+00	5,36E-02	3,07E-01	2,43E-04	2,67E-03	0,00E+00	0,00E+00	1,44E-12	2,78E-11	1,95E-04	0,00E+00	0,00E+00	0,00E+00	7,24E-04	2,87E-03	1,14E+00	0,00E+00	1,26E-11	4,22E-09	6,73E-04	2,02E-06	1,52E-03	0,00E+00	1,14E+00	3,22E-03	1,14E+00	1,14E+00	1,52E-03	0,00E+00	0,00E+00	0,00E+00	3,11E-04
ADX490D	5,18E-04	8,18E-02	0,00E+00	8,18E-02	0,00E+00	0,00E+00	5,36E-02	3,07E-01	2,43E-04	2,67E-03	0,00E+00	0,00E+00	1,44E-12	2,78E-11	1,95E-04	0,00E+00	0,00E+00	0,00E+00	7,24E-04	2,87E-03	1,14E+00	0,00E+00	1,26E-11	4,22E-09	6,73E-04	2,02E-06	1,52E-03	0,00E+00	1,14E+00	3,22E-03	1,14E+00	1,14E+00	1,52E-03	0,00E+00	0,00E+00	0,00E+00	3,11E-04
AD2310D	4,88E-04	7,88E-02	0,00E+00	7,88E-02	0,00E+00	0,00E+00	5,04E-02	2,98E-01	2,36E-04	2,16E-03	0,00E+00	0,00E+00	1,38E-12	2,61E-11	1,85E-04	0,00E+00	0,00E+00	0,00E+00	6,81E-04	2,70E-03	1,07E+00	0,00E+00	1,18E-11	3,97E-09	6,32E-04	1,92E-06	1,42E-03	0,00E+00	1,07E+00	3,03E-03	1,07E+00	1,07E+00	1,43E-03	0,00E+00	0,00E+00	0,00E+00	2,92E-04
AD2316D	4,82E-04	7,78E-02	0,00E+00	7,78E-02	0,00E+00	0,00E+00	5,09E-02	2,97E-01	2,31E-04	2,13E-03	0,00E+00	0,00E+00	1,37E-12	2,56E-11	1,85E-04	0,00E+00	0,00E+00	0,00E+00	6,87E-04	2,73E-03	1,08E+00	0,00E+00	1,18E-11	4,00E-09	6,35E-04	1,94E-06	1,42E-03	0,00E+00	1,08E+00	3,05E-03	1,08E+00	1,08E+00	1,44E-03	0,00E+00	0,00E+00	0,00E+00	2,95E-04
ADZ363QC	4,90E-04	7,73E-02	0,00E+00	7,73E-02	0,00E+00	0,00E+00	5,07E-02	2,98E-01	2,35E-04	2,13E-03	0,00E+00	0,00E+00	1,44E-12	2,63E-11	1,85E-04	0,00E+00	0,00E+00	0,00E+00	6,84E-04	2,72E-03	1,08E+00	0,00E+00	1,18E-11	3,99E-09	6,36E-04	1,94E-06	1,44E-03	0,00E+00	1,08E+00	3,05E-03	1,08E+00	1,08E+00	1,44E-03	0,00E+00	0,00E+00	0,00E+00	2,94E-04
AD2366D	4,92E-04	7,76E-02	0,00E+00	7,76E-02	0,00E+00	0,00E+00	5,03E-02	2,97E-01	2,31E-04	2,13E-03	0,00E+00	0,00E+00	1,39E-12	2,56E-11	1,85E-04	0,00E+00	0,00E+00	0,00E+00	6,87E-04	2,73E-03	1,08E+00	0,00E+00	1,18E-11	4,00E-09	6,35E-04	1,94E-06	1,42E-03	0,00E+00	1,08E+00	3,05E-03	1,08E+00	1,08E+00	1,44E-03	0,00E+00	0,00E+00	0,00E+00	2,95E-04
ADZ366QC	4,87E-04	7,87E-02	0,00E+00	7,87E-02	0,00E+00	0,00E+00	5,03E-02	2,98E-01	2,35E-04	2,13E-03	0,00E+00	0,00E+00	1,39E-12	2,61E-11	1,87E-04	0,00E+00	0,00E+00	0,00E+00	6,78E-04	2,73E-03	1,07E+00	0,00E+00	1,18E-11	3,99E-09	6,31E-04	1,92E-06	1,43E-03	0,00E+00	1,07E+00	3,03E-03	1,07E+00	1,07E+00	1,43E-03	0,00E+00	0,00E+00	0,00E+00	2,92E-04
AF4810H	2,44E-04	4,17E-02	0,00E+00	4,17E-02	0,00E+00	0,00E+00	2,73E-02	1,58E-01	1,25E-04	1,36E-03	0,00E+00	0,00E+00	1,43E-12	2,63E-11	1,92E-04	0,00E+00	0,00E+00	0,00E+00	7,24E-04	2,87E-03	1,14E+00	0,00E+00	1,26E-11	4,22E-09	6,73E-04	2,02E-06	1,52E-03	0,00E+00	1,14E+00	3,22E-03	1,14E+00	1,14E+00	1,52E-03	0,00E+00	0,00E+00	0,00E+00	3,11E-04
AF4820H	2,44E-04	4,17E-02	0,00E+00	4,17E-02	0,00E+00	0,00E+00	2,73E-02	1,57E-01	1,24E-04	1,36E-03	0,00E+00	0,00E+00	1,34E-12	1,42E-11	1,02E-04	0,00E+00	0,00E+00	0,00E+00	3,98E-04	1,47E-03	5,82E-01	0,00E+00	6,40E-11	2,13E-09	3,43E-04	1,54E-06	7,77E-04	0,00E+00	5,82E-01	1,64E-03	5,82E-01	5,82E-01	7,77E-04	0,00E+00	0,00E+00	0,00E+00	1,58E-04
AF4832H	2,63E-04	4,13E-02	0,00E+00	4,13E-02	0,00E+00	0,00E+00	2,71E-02	1,55E-01	1,23E-04	1,33E-03	0,00E+00	0,00E+00	1,28E-12	1,40E-11	1,01E-04	0,00E+00	0,00E+00	0,00E+00	3,95E-04	1,45E-03	5,78E-01	0,00E+00	6,32E-11	2,13E-09	3,38E-04	1,53E-06	7,62E-04	0,00E+00	5,78E-01	1,63E-03	5,78E-01	5,78E-01	7,62E-04	0,00E+00	0,00E+00	0,00E+00	1,57E-04
AF4910H	2,64E-04	4,17E-02	0,00E+00	4,17E-02	0,00E+00	0,00E+00	2,73E-02	1,57E-01	1,24E-04	1,36E-03	0,00E+00	0,00E+00	1,34E-12	1,42E-11	1,02E-04	0,00E+00	0,00E+00	0,00E+00	3,98E-04	1,47E-03	5,82E-01	0,00E+00	6,40E-11	2,13E-09	3,43E-04	1,54E-06	7,77E-04	0,00E+00	5,82E-01	1,64E-03	5,82E-01	5,82E-01	7,77E-04	0,00E+00	0,00E+00	0,00E+00	1,58E-04
AF4916H	2,64E-04	4,20E-02	0,00E+00	4,20E-02	0,00E+00	0,00E+00	2,74E-02	1,58E-01	1,25E-04	1,37E-03	0,00E+00	0,00E+00	1,37E-12	1,43E-11	1,02E-04	0,00E+00	0,00E+00	0,00E+00	4,00E-04	1,47E-03	5,85E-01	0,00E+00	6,45E-11	2,13E-09	3,45E-04	1,55E-06	7,78E-04	0,00E+00	5,85E-01	1,64E-03	5,85E-01	5,85E-01	7,78E-04	0,00E+00	0,00E+00	0,00E+00	1,60E-04
AF4920H	2,64E-04	4,17E-02	0,00E+00	4,17E-02	0,00E+00	0,00E+00	2,73E-02	1,57E-01	1,24E-04	1,36E-03	0,00E+00	0,00E+00	1,34E-12	1,42E-11	1,02E-04	0,00E+00	0,00E+00	0,00E+00	3,98E-04	1,47E-03	5,82E-01	0,00E+00	6,40E-11	2,13E-09	3,43E-04	1,54E-06	7,77E-04	0,00E+00	5,82E-01	1,64E-03	5,82E-01	5,82E-01	7,77E-04	0,00E+00	0,00E+00	0,00E+00	1,58E-04
AF4925H	2,68E-04	4,22E-02	0,00E+00	4,22E-02	0,00E+00	0,00E+00	2,77E-02	1,58E-01	1,25E-04	1,38E-03	0,00E+00	0,00E+00	1,40E-12	1,44E-11	1,02E-04	0,00E+00	0,00E+00	0,00E+00	4,04E-04	1,48E-03	5,90E-01	0,00E+00	6,48E-11	2,18E-09	3,47E-04	1,56E-06	7,87E-04	0,00E+00	5,90E-01	1,65E-03	5,90E-01	5,90E-01	7,87E-04	0,00E+00	0,00E+00	0,00E+00	1,61E-04
AF4932H	2,70E-04	4,26E-02	0,00E+00	4,26E-02	0,00E+00	0,00E+00	2,78E-02	1,60E-01	1,27E-04	1,39E-03	0,00E+00	0,00E+00	1,43E-12	1,45E-11	1,04E-04	0,00E+00	0,00E+00	0,00E+00	4,07E-04	1,50E-03	5,95E-01	0,00E+00	6,53E-11	2,20E-09	3,50E-04	1,57E-06	7,94E-04	0,00E+00	5,95E-01	1,66E-03	5,95E-01	5,95E-01	7,94E-04	0,00E+00	0,00E+00	0,00E+00	1,62E-04
AF416F	4,50E-04	1,00E-01	0,00E+00	1,00E-01	0,00E+00	0,00E+00	6,77E-02	3,88E-01	3,37E-04	3,37E-03	0,00E+00	0,00E+00	1,65E-12	3,51E-11	1,92E-04	0,00E+00	0,00E+00	0,00E+00	9,14E-04	3,52E-03	1,44E+00	0,00E+00	1,58E-11	4,50E-09	6,48E-04	2,05E-06	1,52E-03	0,00E+00	1,44E+00	4,07E-03	1,44E+00	1,44E+00	1,52E-03	0,00E+00	0,00E+00	0,00E+00	3,93E-04
AF420F	6,73E-04	1,68E-01	0,00E+00	1,68E-01	0,00E+00	0,00E+00	6,98E-02	4,03E-01	3,16E-04	3,47E-03	0,00E+00	0,00E+00	1,87E-12	3,52E-11	2,05E-04	0,00E+00	0,00E+00	0,00E+00	9,42E-04	3,74E-03	1,48E+00	0,00E+00	1,63E-11	4,49E-09	6,73E-04	2,06E-06	1,56E-03	0,00E+00	1,48E+00	4,20E-03	1,48E+00	1,48E+00	1,56E-03	0,00E+00	0,00E+00	0,00E+00	4,05E-04
AF406E	5,08E-04	8,02E-02	0,00E+00	8,02E-02	0,00E+00	0,00E+00	5,26E-02	3,01E-01	2,38E-04	2,61E-03	0,00E+00	0,00E+00	1,41E-12	2,72E-11	1,95E-04	0,00E+00	0,00E+00	0,00E+00	7,10E-04	2,82E-03	1,12E+00	0,00E+00	1,23E-11	4,14E-09	6,60E-04	2,01E-06	1,49E-03	0,00E+00	1,12E+00	3,16E-03	1,12E+00	1,12E+00	1,49E-03	0,00E+00	0,00E+00	0,00E+00	3,05E-04
AF410G	5,16E-04	8,14E-02	0,00E+00	8,14E-02	0,00E+00	0,00E+00	5,24E-02	3,02E-01	2,40E-04	2,66E-03	0,00E+00	0,00E+00	1,43E-12	2,71E-11	1,95E-04	0,00E+00	0,00E+00	0,00E+00	7,21E-04	2,85E-03	1,13E+00	0,00E+00	1,25E-11	4,20E-09	6,70E-04	2,02E-06	1,53E-03	0,00E+00	1,13E+00	3,21E-03	1,13E+00	1,13E+00	1,53E-03	0,00E+00	0,00E+00	0,00E+00	3,10E-04
AF416G	5,02E-04	7,92E-02	0,00E+00	7,92E-02	0,00E+00	0,00E+00	5,14E-02	2,99E-01	2,35E-04	2,58E-03	0,00E+00	0,00E+00	1,40E-12	2,70E-11	1,94E-04	0,00E+00	0,00E+00	0,00E+00	7,08E-04	2,79E-03	1,11E+00	0,00E+00	1,22E-11	4,10E-09	6,54E-04	1,98E-06	1,48E-03	0,00E+00	1,11E+00	3,14E-03	1,11E+00	1,11E+00	1,48E-03	0,00E+00	0,00E+00	0,00E+00	3,02E-04
AF420G	5,17E-04	8,10E-02	0,00E+00	8,10E-02	0,00E+00	0,00E+00	5,26E-02	3,00E-01	2,40E-04	2,66E-03	0,00E+00	0,00E+00	1,44E-12	2,78E-11	1,96E-04	0,00E+00	0,00E+00	0,00E+00	7,23E-04	2,87E-03	1,14E+00	0,00E+00	1,25E-11	4,21E-09	6,71E-04	2,04E-06	1,53E-03	0,00E+00	1,14E+00	3,22E-03	1,14E+00	1,14E+00	1,53E-03	0,00E+00	0,00E+00	0,00E+00	3,10E-04
AF425G	5,06E-04	7,88E-02	0,00E+00	7,88E-02	0,00E+00	0,00E+00	5,24E-02	3,00E-01	2,37E-04	2,60E-03	0,00E+00	0,00E+00	1,41E-12	2,72E-11	1,95E-04	0,00E+00	0,00E+00	0,00E+00	7,07E-04	2,81E-03	1,12E+00	0,00E+00	1,23E-11	4,13E-09	6,57E-04	2,00E-06	1,49E-03	0,00E+00	1,12E+00	3,1							

ADA918C	5.995	2.652	4.855	2.125	0.005	0.005	3.06E-1	2.915E-1	2.825	1.755E-4	0.005E-1	5.115E-4	2.345	8.845	3.185	5.665	1.755	8.005	3.685	8.755	2.015	0.005E-1	2.725	3.525	4.085	1.945	2.695	0.005E-1	2.615	4.945	2.915	2.285	2.685	0.005E-1	0.005E-1	0.005E-1	1.585
ADA916D	5.725E-1	2.545E-1	4.765E-1	2.085E-1	0.005E-1	0.005E-1	2.915E-1	2.825E-1	2.735E-1	1.755E-4	0.005E-1	5.025E-4	2.275E-1	8.645	3.075	5.445	1.685	8.005E-1	3.575	8.445	1.955E-1	0.005E-1	2.645	3.425	3.975	1.915	2.615	0.005E-1	1.955E-1	4.795	1.955	2.215	2.615	0.005E-1	0.005E-1	0.005E-1	1.535E-1
ADA916H	5.725E-1	2.545E-1	4.765E-1	2.085E-1	0.005E-1	0.005E-1	2.915E-1	2.825E-1	2.735E-1	1.755E-4	0.005E-1	5.025E-4	2.275E-1	8.645	3.075	5.445	1.685	8.005E-1	3.575	8.445	1.955E-1	0.005E-1	2.645	3.425	3.975	1.915	2.615	0.005E-1	1.955E-1	4.795	1.955	2.215	2.615	0.005E-1	0.005E-1	0.005E-1	1.535E-1
ADA920D	5.725E-1	2.545E-1	4.765E-1	2.085E-1	0.005E-1	0.005E-1	2.915E-1	2.825E-1	2.735E-1	1.755E-4	0.005E-1	5.025E-4	2.275E-1	8.645	3.075	5.445	1.685	8.005E-1	3.575	8.445	1.955E-1	0.005E-1	2.645	3.425	3.975	1.915	2.615	0.005E-1	1.955E-1	4.795	1.955	2.215	2.615	0.005E-1	0.005E-1	0.005E-1	1.535E-1
ADA920G	5.725E-1	2.545E-1	4.765E-1	2.085E-1	0.005E-1	0.005E-1	2.915E-1	2.825E-1	2.735E-1	1.755E-4	0.005E-1	5.025E-4	2.275E-1	8.645	3.075	5.445	1.685	8.005E-1	3.575	8.445	1.955E-1	0.005E-1	2.645	3.425	3.975	1.915	2.615	0.005E-1	1.955E-1	4.795	1.955	2.215	2.615	0.005E-1	0.005E-1	0.005E-1	1.535E-1
ADA920H	5.725E-1	2.545E-1	4.765E-1	2.085E-1	0.005E-1	0.005E-1	2.915E-1	2.825E-1	2.735E-1	1.755E-4	0.005E-1	5.025E-4	2.275E-1	8.645	3.075	5.445	1.685	8.005E-1	3.575	8.445	1.955E-1	0.005E-1	2.645	3.425	3.975	1.915	2.615	0.005E-1	1.955E-1	4.795	1.955	2.215	2.615	0.005E-1	0.005E-1	0.005E-1	1.535E-1
ADA920U	6.715E-1	3.055E-1	5.885E-1	2.445E-1	0.005E-1	0.005E-1	3.515E-1	3.345E-1	3.235E-1	2.015E-4	0.005E-1	5.945E-4	2.685E-1	7.855E-1	3.355E-1	6.505E-1	2.005E-1	5.005E-1	4.725E-1	9.365E-1	2.315E-1	0.005E-1	3.125E-1	4.045E-1	4.785E-1	1.255E-1	3.985E-1	0.005E-1	3.215E-1	5.675E-1	2.315E-1	2.625E-1	3.985E-1	0.005E-1	0.005E-1	0.005E-1	1.635E-1
ADA925G	5.725E-1	2.545E-1	4.765E-1	2.085E-1	0.005E-1	0.005E-1	2.915E-1	2.825E-1	2.735E-1	1.755E-4	0.005E-1	5.025E-4	2.275E-1	8.645	3.075	5.445	1.685	8.005E-1	3.575	8.445	1.955E-1	0.005E-1	2.645	3.425	3.975	1.915	2.615	0.005E-1	1.955E-1	4.795	1.955	2.215	2.615	0.005E-1	0.005E-1	0.005E-1	1.535E-1
ADA925H	5.725E-1	2.545E-1	4.765E-1	2.085E-1	0.005E-1	0.005E-1	2.915E-1	2.825E-1	2.735E-1	1.755E-4	0.005E-1	5.025E-4	2.275E-1	8.645	3.075	5.445	1.685	8.005E-1	3.575	8.445	1.955E-1	0.005E-1	2.645	3.425	3.975	1.915	2.615	0.005E-1	1.955E-1	4.795	1.955	2.215	2.615	0.005E-1	0.005E-1	0.005E-1	1.535E-1
ADA932H	5.725E-1	2.545E-1	4.765E-1	2.085E-1	0.005E-1	0.005E-1	2.915E-1	2.825E-1	2.735E-1	1.755E-4	0.005E-1	5.025E-4	2.275E-1	8.645	3.075	5.445	1.685	8.005E-1	3.575	8.445	1.955E-1	0.005E-1	2.645	3.425	3.975	1.915	2.615	0.005E-1	1.955E-1	4.795	1.955	2.215	2.615	0.005E-1	0.005E-1	0.005E-1	1.535E-1
ADA960D	5.725E-1	2.545E-1	4.765E-1	2.085E-1	0.005E-1	0.005E-1	2.915E-1	2.825E-1	2.735E-1	1.755E-4	0.005E-1	5.025E-4	2.275E-1	8.645	3.075	5.445	1.685	8.005E-1	3.575	8.445	1.955E-1	0.005E-1	2.645	3.425	3.975	1.915	2.615	0.005E-1	1.955E-1	4.795	1.955	2.215	2.615	0.005E-1	0.005E-1	0.005E-1	1.535E-1
ADA960G	5.725E-1	2.545E-1	4.765E-1	2.085E-1	0.005E-1	0.005E-1	2.915E-1	2.825E-1	2.735E-1	1.755E-4	0.005E-1	5.025E-4	2.275E-1	8.645	3.075	5.445	1.685	8.005E-1	3.575	8.445	1.955E-1	0.005E-1	2.645	3.425	3.975	1.915	2.615	0.005E-1	1.955E-1	4.795	1.955	2.215	2.615	0.005E-1	0.005E-1	0.005E-1	1.535E-1
ADA963C	3.965	2.632	4.905	2.125	0.005	0.005	3.06E-1	2.915E-1	2.825E-1	1.755E-4	0.005E-1	5.115E-4	2.345	8.845	3.185	5.665	1.755	8.005	3.685	8.755	2.015	0.005E-1	2.725	3.525	4.085	1.945	2.695	0.005E-1	2.615	4.945	2.915	2.285	2.685	0.005E-1	0.005E-1	0.005E-1	1.585
ADA966G	5.725E-1	2.545E-1	4.765E-1	2.085E-1	0.005E-1	0.005E-1	2.915E-1	2.825E-1	2.735E-1	1.755E-4	0.005E-1	5.025E-4	2.275E-1	8.645	3.075	5.445	1.685	8.005E-1	3.575	8.445	1.955E-1	0.005E-1	2.645	3.425	3.975	1.915	2.615	0.005E-1	1.955E-1	4.795	1.955	2.215	2.615	0.005E-1	0.005E-1	0.005E-1	1.535E-1
ADA970D	5.725E-1	2.545E-1	4.765E-1	2.085E-1	0.005E-1	0.005E-1	2.915E-1	2.825E-1	2.735E-1	1.755E-4	0.005E-1	5.025E-4	2.275E-1	8.645	3.075	5.445	1.685	8.005E-1	3.575	8.445	1.955E-1	0.005E-1	2.645	3.425	3.975	1.915	2.615	0.005E-1	1.955E-1	4.795	1.955	2.215	2.615	0.005E-1	0.005E-1	0.005E-1	1.535E-1
ADA970G	5.725E-1	2.545E-1	4.765E-1	2.085E-1	0.005E-1	0.005E-1	2.915E-1	2.825E-1	2.735E-1	1.755E-4	0.005E-1	5.025E-4	2.275E-1	8.645	3.075	5.445	1.685	8.005E-1	3.575	8.445	1.955E-1	0.005E-1	2.645	3.425	3.975	1.915	2.615	0.005E-1	1.955E-1	4.795	1.955	2.215	2.615	0.005E-1	0.005E-1	0.005E-1	1.535E-1
ADA970S	5.725E-1	2.545E-1	4.765E-1	2.085E-1	0.005E-1	0.005E-1	2.915E-1	2.825E-1	2.735E-1	1.755E-4	0.005E-1	5.025E-4	2.275E-1	8.645	3.075	5.445	1.685	8.005E-1	3.575	8.445	1.955E-1	0.005E-1	2.645	3.425	3.975	1.915	2.615	0.005E-1	1.955E-1	4.795	1.955	2.215	2.615	0.005E-1	0.005E-1	0.005E-1	1.535E-1
ADA975G	5.725E-1	2.545E-1	4.765E-1	2.085E-1	0.005E-1	0.005E-1	2.915E-1	2.825E-1	2.735E-1	1.755E-4	0.005E-1	5.025E-4	2.275E-1	8.645	3.075	5.445	1.685	8.005E-1	3.575	8.445	1.955E-1	0.005E-1	2.645	3.425	3.975	1.915	2.615	0.005E-1	1.955E-1	4.795	1.955	2.215	2.615	0.005E-1	0.005E-1	0.005E-1	1.535E-1
ADA990U	6.715E-1	3.055E-1	5.885E-1	2.445E-1	0.005E-1	0.005E-1	3.515E-1	3.345E-1	3.235E-1	2.015E-4	0.005E-1	5.945E-4	2.685E-1	7.855E-1	3.355E-1	6.505E-1	2.005E-1	5.005E-1	4.725E-1	9.365E-1	2.315E-1	0.005E-1	3.125E-1	4.045E-1	4.785E-1	1.255E-1	3.985E-1	0.005E-1	3.215E-1	5.675E-1	2.315E-1	2.625E-1	3.985E-1	0.005E-1	0.005E-1	0.005E-1	1.635E-1
ADB406U	8.785E-1	3.885E-1	7.275E-1	3.135E-1	0.005E-1	0.005E-1	4.515E-1	4.285E-1	4.155E-1	2.585E-4	0.005E-1	7.635E-4	3.455E-1	1.015E-1	4.685E-1	8.355E-1	2.575E-1	6.005E-1	5.435E-1	1.285E-1	2.875E-1	0.005E-1	4.015E-1	5.235E-1	6.035E-1	1.545E-1	3.985E-1	0.005E-1	2.975E-1	7.285E-1	2.975E-1	3.375E-1	3.985E-1	0.005E-1	0.005E-1	0.005E-1	2.335E-1
ADB410U	8.785E-1	3.885E-1	7.275E-1	3.135E-1	0.005E-1	0.005E-1	4.515E-1	4.285E-1	4.155E-1	2.585E-4	0.005E-1	7.635E-4	3.455E-1	1.015E-1	4.685E-1	8.355E-1	2.575E-1	6.005E-1	5.435E-1	1.285E-1	2.875E-1	0.005E-1	4.015E-1	5.235E-1	6.035E-1	1.545E-1	3.985E-1	0.005E-1	2.975E-1	7.285E-1	2.975E-1	3.375E-1	3.985E-1	0.005E-1	0.005E-1	0.005E-1	2.335E-1
ADB416U	8.785E-1	3.885E-1	7.275E-1	3.135E-1	0.005E-1	0.005E-1	4.515E-1	4.285E-1	4.155E-1	2.585E-4	0.005E-1	7.635E-4	3.455E-1	1.015E-1	4.685E-1	8.355E-1	2.575E-1	6.005E-1	5.435E-1	1.285E-1	2.875E-1	0.005E-1	4.015E-1	5.235E-1	6.035E-1	1.545E-1	3.985E-1	0.005E-1	2.975E-1	7.285E-1	2.975E-1	3.375E-1	3.985E-1	0.005E-1	0.005E-1	0.005E-1	2.335E-1
ADB420U	8.785E-1	3.885E-1	7.275E-1	3.135E-1	0.005E-1	0.005E-1	4.515E-1	4.285E-1	4.155E-1	2.585E-4	0.005E-1	7.635E-4	3.455E-1	1.015E-1	4.685E-1	8.355E-1	2.575E-1	6.005E-1	5.435E-1	1.285E-1	2.875E-1	0.005E-1	4.015E-1	5.235E-1	6.035E-1	1.545E-1	3.985E-1	0.005E-1	2.975E-1	7.285E-1	2.975E-1	3.375E-1	3.985E-1	0.005E-1	0.005E-1	0.005E-1	2.335E-1
ADB432U	8.785E-1	3.885E-1	7.275E-1	3.135E-1	0.005E-1	0.005E-1	4.515E-1	4.285E-1	4.155E-1	2.585E-4	0.005E-1	7.635E-4	3.455E-1	1.015E-1	4.685E-1	8.355E-1	2.575E-1	6.005E-1	5.435E-1	1.285E-1	2.875E-1	0.005E-1	4.015E-1	5.235E-1	6.035E-1	1.545E-1	3.985E-1	0.005E-1	2.975E-1	7.285E-1	2.975E-1	3.375E-1	3.985E-1	0.005E-1	0.005E-1	0.005E-1	2.335E-1
ADB440G	8.785E-1	3.885E-1	7.275E-1	3.135E-1	0.005E-1	0.005E-1	4.515E-1	4.285E-1	4.155E-1	2.585E-4	0.005E-1	7.635E-4	3.455E-1	1.015E-1	4.685E-1	8.355E-1	2.575E-1	6.005E-1	5.435E-1	1.285E-1	2.875E-1	0.005E-1	4.015E-1	5.235E-1	6.035E-1	1.545E-1	3.985E-1	0.005E-1	2.975E-1	7.285E-1	2.975E-1	3.375E-1	3.985E-1	0.005E-1	0.005E-1	0.005E-1	2.335E-1
ADB440U	8.785E-1	3.885E-1	7.275E-1	3.135E-1	0.005E-1	0.005E-1	4.515E-1	4.285E-1	4.155E-1	2.585E-4	0.005E-1	7.635E-4	3.455E-1	1.015E-1	4.685E-1	8.355E-1	2.575E-1	6.005E-1	5.435E-1	1.285E-1	2.875E-1	0.005E-1	4.015E-1	5.235E-1	6.035E-1	1.545E-1	3.985E-1	0.005E-1	2.975E-1	7.285E-1	2.975E-1	3.375E-1	3.985E-1	0.005E-1	0.005E-1	0.005E-1	2.335E-1
ADC222H	1.685E-1	7.485E-1	1.485E-1	8.055E-1	0.005E-1	0.005E-1	8.785E-1	8.295E-1	8.025E-1	4.885E-4	0.005E-1	1.475E-1	6.075E-1	1.985E-1	9.005E-1	1.615E-1	4.975E-1	8.255E-1	1.055E-1	2.485E-1	5.745E-1	0.005E-1	7.755E-1	1.065E-1	1.175E-1	2.975E-1</											

ADM432T	1.00E-04	4.94E-02	8.74E-03	3.77E-02	0.00E+00	0.00E+00	5.40E-01	5.18E-01	5.00E-03	3.11E-04	0.00E+00	9.18E-04	4.15E-03	1.21E-10	5.61E-03	1.00E-04	3.16E-03	0.00E+00	6.54E-03	1.54E-02	3.57E-01	0.00E+00	4.83E-10	6.22E-10	7.20E-03	1.85E-09	4.77E-03	0.00E+00	3.57E-01	8.78E-10	3.57E-01	4.00E-01	4.77E-03	0.00E+00	0.00E+00	0.00E+00	2.81E-03
ADM440G	9.83E-09	4.36E-02	8.21E-03	3.54E-03	0.00E+00	0.00E+00	5.10E-01	4.93E-01	4.86E-09	2.82E-04	0.00E+00	8.62E-04	3.90E-03	1.14E-10	5.27E-03	9.44E-05	2.91E-03	0.00E+00	6.14E-09	1.45E-02	3.36E-01	0.00E+00	4.54E-10	5.87E-10	6.82E-03	1.74E-09	4.48E-03	0.00E+00	3.36E-01	8.22E-10	3.36E-01	3.80E-01	4.48E-03	0.00E+00	0.00E+00	0.00E+00	2.64E-03
ADM440T	1.00E-04	4.94E-02	8.74E-03	3.77E-02	0.00E+00	0.00E+00	5.40E-01	5.18E-01	5.00E-03	3.11E-04	0.00E+00	9.18E-04	4.15E-03	1.21E-10	5.61E-03	1.00E-04	3.16E-03	0.00E+00	6.54E-03	1.54E-02	3.57E-01	0.00E+00	4.83E-10	6.22E-10	7.20E-03	1.85E-09	4.77E-03	0.00E+00	3.57E-01	8.78E-10	3.57E-01	4.00E-01	4.77E-03	0.00E+00	0.00E+00	0.00E+00	2.81E-03
ADM456G	9.83E-09	4.36E-02	8.21E-03	3.54E-03	0.00E+00	0.00E+00	5.10E-01	4.93E-01	4.86E-09	2.82E-04	0.00E+00	8.62E-04	3.90E-03	1.14E-10	5.27E-03	9.44E-05	2.91E-03	0.00E+00	6.14E-09	1.45E-02	3.36E-01	0.00E+00	4.54E-10	5.87E-10	6.82E-03	1.74E-09	4.48E-03	0.00E+00	3.36E-01	8.22E-10	3.36E-01	3.80E-01	4.48E-03	0.00E+00	0.00E+00	0.00E+00	2.64E-03
ADM460C	9.83E-09	4.36E-02	8.21E-03	3.54E-03	0.00E+00	0.00E+00	5.10E-01	4.93E-01	4.86E-09	2.82E-04	0.00E+00	8.62E-04	3.90E-03	1.14E-10	5.27E-03	9.44E-05	2.91E-03	0.00E+00	6.14E-09	1.45E-02	3.36E-01	0.00E+00	4.54E-10	5.87E-10	6.82E-03	1.74E-09	4.48E-03	0.00E+00	3.36E-01	8.22E-10	3.36E-01	3.80E-01	4.48E-03	0.00E+00	0.00E+00	0.00E+00	2.64E-03
ADM460G	9.83E-09	4.36E-02	8.21E-03	3.54E-03	0.00E+00	0.00E+00	5.10E-01	4.93E-01	4.86E-09	2.82E-04	0.00E+00	8.62E-04	3.90E-03	1.14E-10	5.27E-03	9.44E-05	2.91E-03	0.00E+00	6.14E-09	1.45E-02	3.36E-01	0.00E+00	4.54E-10	5.87E-10	6.82E-03	1.74E-09	4.48E-03	0.00E+00	3.36E-01	8.22E-10	3.36E-01	3.80E-01	4.48E-03	0.00E+00	0.00E+00	0.00E+00	2.64E-03
ADM460QC	9.83E-09	4.36E-02	8.21E-03	3.54E-03	0.00E+00	0.00E+00	5.10E-01	4.93E-01	4.86E-09	2.82E-04	0.00E+00	8.62E-04	3.90E-03	1.14E-10	5.27E-03	9.44E-05	2.91E-03	0.00E+00	6.14E-09	1.45E-02	3.36E-01	0.00E+00	4.54E-10	5.87E-10	6.82E-03	1.74E-09	4.48E-03	0.00E+00	3.36E-01	8.22E-10	3.36E-01	3.80E-01	4.48E-03	0.00E+00	0.00E+00	0.00E+00	2.64E-03
ADM463C	9.83E-09	4.36E-02	8.21E-03	3.54E-03	0.00E+00	0.00E+00	5.10E-01	4.93E-01	4.86E-09	2.82E-04	0.00E+00	8.62E-04	3.90E-03	1.14E-10	5.27E-03	9.44E-05	2.91E-03	0.00E+00	6.14E-09	1.45E-02	3.36E-01	0.00E+00	4.54E-10	5.87E-10	6.82E-03	1.74E-09	4.48E-03	0.00E+00	3.36E-01	8.22E-10	3.36E-01	3.80E-01	4.48E-03	0.00E+00	0.00E+00	0.00E+00	2.64E-03
ADM463QC	9.83E-09	4.36E-02	8.21E-03	3.54E-03	0.00E+00	0.00E+00	5.10E-01	4.93E-01	4.86E-09	2.82E-04	0.00E+00	8.62E-04	3.90E-03	1.14E-10	5.27E-03	9.44E-05	2.91E-03	0.00E+00	6.14E-09	1.45E-02	3.36E-01	0.00E+00	4.54E-10	5.87E-10	6.82E-03	1.74E-09	4.48E-03	0.00E+00	3.36E-01	8.22E-10	3.36E-01	3.80E-01	4.48E-03	0.00E+00	0.00E+00	0.00E+00	2.64E-03
ADM466C	9.83E-09	4.36E-02	8.21E-03	3.54E-03	0.00E+00	0.00E+00	5.10E-01	4.93E-01	4.86E-09	2.82E-04	0.00E+00	8.62E-04	3.90E-03	1.14E-10	5.27E-03	9.44E-05	2.91E-03	0.00E+00	6.14E-09	1.45E-02	3.36E-01	0.00E+00	4.54E-10	5.87E-10	6.82E-03	1.74E-09	4.48E-03	0.00E+00	3.36E-01	8.22E-10	3.36E-01	3.80E-01	4.48E-03	0.00E+00	0.00E+00	0.00E+00	2.64E-03
ADM466G	9.83E-09	4.36E-02	8.21E-03	3.54E-03	0.00E+00	0.00E+00	5.10E-01	4.93E-01	4.86E-09	2.82E-04	0.00E+00	8.62E-04	3.90E-03	1.14E-10	5.27E-03	9.44E-05	2.91E-03	0.00E+00	6.14E-09	1.45E-02	3.36E-01	0.00E+00	4.54E-10	5.87E-10	6.82E-03	1.74E-09	4.48E-03	0.00E+00	3.36E-01	8.22E-10	3.36E-01	3.80E-01	4.48E-03	0.00E+00	0.00E+00	0.00E+00	2.64E-03
ADM466H	9.83E-09	4.36E-02	8.21E-03	3.54E-03	0.00E+00	0.00E+00	5.10E-01	4.93E-01	4.86E-09	2.82E-04	0.00E+00	8.62E-04	3.90E-03	1.14E-10	5.27E-03	9.44E-05	2.91E-03	0.00E+00	6.14E-09	1.45E-02	3.36E-01	0.00E+00	4.54E-10	5.87E-10	6.82E-03	1.74E-09	4.48E-03	0.00E+00	3.36E-01	8.22E-10	3.36E-01	3.80E-01	4.48E-03	0.00E+00	0.00E+00	0.00E+00	2.64E-03
ADM466QC	9.83E-09	4.36E-02	8.21E-03	3.54E-03	0.00E+00	0.00E+00	5.10E-01	4.93E-01	4.86E-09	2.82E-04	0.00E+00	8.62E-04	3.90E-03	1.14E-10	5.27E-03	9.44E-05	2.91E-03	0.00E+00	6.14E-09	1.45E-02	3.36E-01	0.00E+00	4.54E-10	5.87E-10	6.82E-03	1.74E-09	4.48E-03	0.00E+00	3.36E-01	8.22E-10	3.36E-01	3.80E-01	4.48E-03	0.00E+00	0.00E+00	0.00E+00	2.64E-03
ADM470C	9.83E-09	4.36E-02	8.21E-03	3.54E-03	0.00E+00	0.00E+00	5.10E-01	4.93E-01	4.86E-09	2.82E-04	0.00E+00	8.62E-04	3.90E-03	1.14E-10	5.27E-03	9.44E-05	2.91E-03	0.00E+00	6.14E-09	1.45E-02	3.36E-01	0.00E+00	4.54E-10	5.87E-10	6.82E-03	1.74E-09	4.48E-03	0.00E+00	3.36E-01	8.22E-10	3.36E-01	3.80E-01	4.48E-03	0.00E+00	0.00E+00	0.00E+00	2.64E-03
ADM470G	9.83E-09	4.36E-02	8.21E-03	3.54E-03	0.00E+00	0.00E+00	5.10E-01	4.93E-01	4.86E-09	2.82E-04	0.00E+00	8.62E-04	3.90E-03	1.14E-10	5.27E-03	9.44E-05	2.91E-03	0.00E+00	6.14E-09	1.45E-02	3.36E-01	0.00E+00	4.54E-10	5.87E-10	6.82E-03	1.74E-09	4.48E-03	0.00E+00	3.36E-01	8.22E-10	3.36E-01	3.80E-01	4.48E-03	0.00E+00	0.00E+00	0.00E+00	2.64E-03
ADM470H	9.83E-09	4.36E-02	8.21E-03	3.54E-03	0.00E+00	0.00E+00	5.10E-01	4.93E-01	4.86E-09	2.82E-04	0.00E+00	8.62E-04	3.90E-03	1.14E-10	5.27E-03	9.44E-05	2.91E-03	0.00E+00	6.14E-09	1.45E-02	3.36E-01	0.00E+00	4.54E-10	5.87E-10	6.82E-03	1.74E-09	4.48E-03	0.00E+00	3.36E-01	8.22E-10	3.36E-01	3.80E-01	4.48E-03	0.00E+00	0.00E+00	0.00E+00	2.64E-03
ADM475C	9.83E-09	4.36E-02	8.21E-03	3.54E-03	0.00E+00	0.00E+00	5.10E-01	4.93E-01	4.86E-09	2.82E-04	0.00E+00	8.62E-04	3.90E-03	1.14E-10	5.27E-03	9.44E-05	2.91E-03	0.00E+00	6.14E-09	1.45E-02	3.36E-01	0.00E+00	4.54E-10	5.87E-10	6.82E-03	1.74E-09	4.48E-03	0.00E+00	3.36E-01	8.22E-10	3.36E-01	3.80E-01	4.48E-03	0.00E+00	0.00E+00	0.00E+00	2.64E-03
ADM475H	9.83E-09	4.36E-02	8.21E-03	3.54E-03	0.00E+00	0.00E+00	5.10E-01	4.93E-01	4.86E-09	2.82E-04	0.00E+00	8.62E-04	3.90E-03	1.14E-10	5.27E-03	9.44E-05	2.91E-03	0.00E+00	6.14E-09	1.45E-02	3.36E-01	0.00E+00	4.54E-10	5.87E-10	6.82E-03	1.74E-09	4.48E-03	0.00E+00	3.36E-01	8.22E-10	3.36E-01	3.80E-01	4.48E-03	0.00E+00	0.00E+00	0.00E+00	2.64E-03
ADM475G	9.83E-09	4.36E-02	8.21E-03	3.54E-03	0.00E+00	0.00E+00	5.10E-01	4.93E-01	4.86E-09	2.82E-04	0.00E+00	8.62E-04	3.90E-03	1.14E-10	5.27E-03	9.44E-05	2.91E-03	0.00E+00	6.14E-09	1.45E-02	3.36E-01	0.00E+00	4.54E-10	5.87E-10	6.82E-03	1.74E-09	4.48E-03	0.00E+00	3.36E-01	8.22E-10	3.36E-01	3.80E-01	4.48E-03	0.00E+00	0.00E+00	0.00E+00	2.64E-03
ADM479H	9.83E-09	4.36E-02	8.21E-03	3.54E-03	0.00E+00	0.00E+00	5.10E-01	4.93E-01	4.86E-09	2.82E-04	0.00E+00	8.62E-04	3.90E-03	1.14E-10	5.27E-03	9.44E-05	2.91E-03	0.00E+00	6.14E-09	1.45E-02	3.36E-01	0.00E+00	4.54E-10	5.87E-10	6.82E-03	1.74E-09	4.48E-03	0.00E+00	3.36E-01	8.22E-10	3.36E-01	3.80E-01	4.48E-03	0.00E+00	0.00E+00	0.00E+00	2.64E-03
ADM482C	9.83E-09	4.36E-02	8.21E-03	3.54E-03	0.00E+00	0.00E+00	5.10E-01	4.93E-01	4.86E-09	2.82E-04	0.00E+00	8.62E-04	3.90E-03	1.14E-10	5.27E-03	9.44E-05	2.91E-03	0.00E+00	6.14E-09	1.45E-02	3.36E-01	0.00E+00	4.54E-10	5.87E-10	6.82E-03	1.74E-09	4.48E-03	0.00E+00	3.36E-01	8.22E-10	3.36E-01	3.80E-01	4.48E-03	0.00E+00	0.00E+00	0.00E+00	2.64E-03
ADM482G	9.83E-09	4.36E-02	8.21E-03	3.54E-03	0.00E+00	0.00E+00	5.10E-01	4.93E-01	4.86E-09	2.82E-04	0.00E+00	8.62E-04	3.90E-03	1.14E-10	5.27E-03	9.44E-05	2.91E-03	0.00E+00	6.14E-09	1.45E-02	3.36E-01	0.00E+00	4.54E-10	5.87E-10	6.82E-03	1.74E-09	4.48E-03	0.00E+00	3.36E-01	8.22E-10	3.36E-01	3.80E-01	4.48E-03	0.00E+00	0.00E+00	0.00E+00	2.64E-03
ADM482H	9.83E-09	4.36E-02	8.21E-03	3.54E-03	0.00E+00	0.00E+00	5.10E-01	4.93E-01	4.86E-09	2.82E-04	0.00E+00	8.62E-04	3.90E-03	1.14E-10	5.27E-03	9.44E-05	2.91E-03	0.00E+00	6.14E-09	1.45E-02	3.36E-01	0.00E+00	4.54E-10	5.87E-10	6.82E-03	1.74E-09	4.48E-03	0.00E+00	3.36E-01	8.22E-10	3.36E-01	3.80E-01	4.48E-03	0.00E+00	0.00E+00	0.00E+00	2.64E-03
ADM490C	9.83E-09	4.36E-02	8.21E-03	3.54E-03	0.00E+00	0.00E+00	5.10E-01	4.93E-01	4.86E-09	2.82E-04	0.00E+00	8.62E-04	3.90E-03	1.14E-10	5.27E-03	9.44E-05	2.91E-03	0.00E+00	6.14E-09	1.45E-02	3.36E-01	0.00E+00	4.54E-10	5.87E-10	6.82E-03	1.74E-09	4.48E-03	0.00E+00	3.36E-01	8.22E-10	3.36E-01	3.80E-01	4.48E-03	0.00E+00	0.00E+00	0.00E+00	2.64E-03
ADM490G	9.83E-09	4.36E-02	8.21E-03	3.54E-03	0.00E+00	0.00E+00	5.10E-01	4.93E-01	4.86E-09	2.82E-04	0.00E+00	8.62E-04	3.90E-03	1.14E-10	5.27E-03	9.44E-05	2.91E-03	0.00E+00	6.14E-09	1.45E-02	3.36E-01	0.00E+00	4.54E-10	5.87E-10	6.82E-03	1.74E-09	4.48E-03	0.00E+00	3.36E-01	8.22E-10	3.36E-01	3.80E-01	4.48E-03	0.00E+00	0.00E+00	0.00E+00	2.64E-03
ADM49																																					

[illegible]

PEP ecopassport	ADC420F	2.11E-01	4.13E-01	7.38E-03	4.12E-01	0.00E+00	0.00E+00	7.80E-01	1.05E-01	2.98E-03	4.14E-02	0.00E+00	1.81E-01	5.18E-01	1.34E-01	9.93E-01	1.14E-01	0.00E+00	0.00E+00	7.43E-01	8.87E-01	1.04E-02	0.00E+00	2.00E-01	1.70E-01	8.11E-03	1.60E-04	2.78E-02	0.00E+00	1.04E-02	1.48E-01	1.04E-02	1.32E-02	2.78E-01	0.00E+00	0.00E+00	0.00E+00	3.18E-01
	ADC420U	9.90E-02	1.94E-01	3.97E-02	1.93E-01	0.00E+00	0.00E+00	3.66E-01	5.10E-01	1.27E-02	1.94E-01	0.00E+00	8.58E-01	2.74E-01	5.82E-01	2.79E-01	3.36E-01	0.00E+00	0.00E+00	3.48E-02	3.27E-01	4.88E-02	0.00E+00	9.38E-01	7.99E-01	3.81E-02	7.51E-04	1.26E-02	0.00E+00	4.89E-02	8.68E-01	4.88E-02	6.16E-02	1.26E-02	0.00E+00	0.00E+00	0.00E+00	1.48E-01
	ADC432F	3.14E-01	8.13E-01	1.15E-02	8.12E-01	0.00E+00	0.00E+00	1.10E-01	1.91E-02	3.80E-03	6.14E-02	0.00E+00	2.89E-01	7.70E-01	1.84E-01	8.81E-01	1.78E-01	0.00E+00	0.00E+00	1.18E-02	1.00E-01	1.85E-02	0.00E+00	9.38E-01	2.53E-01	1.82E-02	2.37E-04	4.38E-01	0.00E+00	1.05E-02	2.17E-01	1.00E+00	4.08E-01	0.00E+00	0.00E+00	4.98E-01		
	ADC432U	1.07E-01	2.08E-01	3.80E-02	2.08E-01	0.00E+00	0.00E+00	3.99E-01	5.49E-01	1.36E-02	2.08E-01	0.00E+00	9.18E-01	2.83E-01	6.26E-01	3.06E-01	5.76E-01	0.00E+00	0.00E+00	3.74E-02	3.86E-01	4.09E-02	0.00E+00	1.07E-01	8.86E-01	4.09E-02	6.86E-04	1.36E-02	0.00E+00	5.26E-02	6.86E-02	6.86E-02	1.36E-02	0.00E+00	0.00E+00	0.00E+00	1.58E-01	
	ADC440U	1.12E-01	2.19E-01	4.00E-02	2.18E-01	0.00E+00	0.00E+00	4.13E-01	5.78E-01	1.37E-02	2.18E-01	0.00E+00	9.58E-01	2.75E-01	6.57E-01	3.18E-01	8.88E-01	0.00E+00	0.00E+00	3.94E-02	3.70E-01	5.52E-02	0.00E+00	1.08E-01	8.03E-01	4.38E-02	8.48E-04	1.48E-02	0.00E+00	5.52E-02	7.74E-01	5.52E-02	8.00E-02	1.48E-02	0.00E+00	1.88E-01		
	ADG710F	7.28E-03	1.42E-01	2.81E-01	2.81E-01	0.00E+00	0.00E+00	2.68E-01	3.71E-01	8.84E-04	1.42E-02	0.00E+00	6.21E-02	1.78E-01	4.26E-01	2.04E-01	3.00E-02	0.00E+00	0.00E+00	2.10E-02	2.38E-01	3.58E-01	0.00E+00	1.67E-01	8.84E-01	2.78E-03	8.46E-03	9.47E-01	0.00E+00	1.38E-01	5.01E-02	3.58E-01	1.38E-01	0.00E+00	0.00E+00	1.09E-01		
	ADG716F	1.11E-02	2.17E-01	3.98E-03	2.16E-01	0.00E+00	0.00E+00	4.08E-01	5.71E-01	1.35E-03	2.17E-02	0.00E+00	9.58E-02	2.73E-01	6.51E-01	3.12E-01	8.88E-02	0.00E+00	0.00E+00	3.98E-03	3.88E-01	5.47E-03	0.00E+00	1.08E-01	8.84E-01	4.28E-03	8.48E-03	1.48E-02	0.00E+00	5.47E-03	7.67E-02	5.47E-03	6.82E-02	1.48E-02	0.00E+00	1.88E-01		
	ADC806F	4.88E-03	7.84E-01	1.46E-01	7.81E-01	0.00E+00	0.00E+00	1.50E-01	2.08E-01	4.94E-04	7.84E-03	0.00E+00	3.47E-02	9.88E-01	2.38E-01	1.14E-01	2.18E-02	0.00E+00	0.00E+00	1.43E-02	1.34E-01	2.08E-03	0.00E+00	3.94E-01	3.27E-01	1.58E-03	3.07E-02	5.28E-01	0.00E+00	2.00E-01	2.80E-02	2.00E-01	2.13E-01	3.28E-02	0.00E+00	0.00E+00	6.97E-02	
	ADC810F	5.77E-03	1.13E-01	2.07E-03	1.12E-01	0.00E+00	0.00E+00	2.13E-01	2.98E-01	7.02E-04	1.13E-02	0.00E+00	4.83E-02	1.42E-01	3.38E-01	1.62E-01	3.11E-02	0.00E+00	0.00E+00	2.03E-03	1.88E-01	2.84E-03	0.00E+00	5.45E-01	4.84E-01	2.27E-03	4.38E-03	7.52E-03	0.00E+00	5.84E-03	3.88E-02	2.84E-03	5.38E-03	7.52E-03	0.00E+00	0.00E+00	8.83E-03	
	ADC816F	8.89E-03	1.79E-02	3.22E-03	1.78E-02	0.00E+00	0.00E+00	3.31E-01	4.81E-01	1.08E-03	1.79E-02	0.00E+00	7.67E-02	2.23E-01	5.28E-01	2.52E-01	4.84E-02	0.00E+00	0.00E+00	3.11E-03	3.18E-03	2.86E-03	4.42E-03	8.48E-03	9.47E-01	7.22E-03	3.44E-03	6.78E-03	1.17E-03	4.42E-03	1.38E-03	1.17E-03	0.00E+00	0.00E+00	0.00E+00	1.34E-03		
	ADC906D	4.47E-03	7.82E-01	1.46E-03	7.81E-01	0.00E+00	0.00E+00	1.50E-01	2.08E-01	4.94E-04	7.84E-03	0.00E+00	3.47E-02	9.88E-01	2.38E-01	1.14E-01	2.18E-02	0.00E+00	0.00E+00	1.43E-02	1.34E-01	2.08E-03	0.00E+00	3.94E-01	3.27E-01	1.58E-03	3.07E-02	5.28E-01	0.00E+00	2.00E-01	2.80E-02	2.00E-01	2.13E-01	3.28E-02	0.00E+00	0.00E+00	6.97E-02	
	ADC906H	4.88E-03	7.82E-01	1.46E-03	7.81E-01	0.00E+00	0.00E+00	1.50E-01	2.08E-01	4.94E-04	7.84E-03	0.00E+00	3.47E-02	9.88E-01	2.38E-01	1.14E-01	2.18E-02	0.00E+00	0.00E+00	1.43E-02	1.34E-01	2.08E-03	0.00E+00	3.94E-01	3.27E-01	1.58E-03	3.07E-02	5.28E-01	0.00E+00	2.00E-01	2.80E-02	2.00E-01	2.13E-01	3.28E-02	0.00E+00	0.00E+00	6.97E-02	
	ADC906T	5.94E-02	9.83E-01	1.91E-02	9.82E-01	0.00E+00	0.00E+00	1.88E-01	2.58E-01	6.14E-03	9.83E-02	0.00E+00	4.31E-01	1.24E-01	2.80E-01	1.41E-01	7.25E-01	0.00E+00	0.00E+00	1.77E-02	1.88E-01	2.48E-02	0.00E+00	4.77E-01	4.08E-01	1.93E-02	3.81E-04	8.59E-01	0.00E+00	5.48E-02	2.48E-02	1.94E-02	6.57E-02	0.00E+00	0.00E+00	7.93E-03		
	ADC910D	7.28E-03	1.42E-01	2.81E-01	2.81E-01	0.00E+00	0.00E+00	2.68E-01	3.73E-01	8.84E-04	1.42E-02	0.00E+00	6.21E-02	1.78E-01	4.26E-01	2.04E-01	3.02E-02	0.00E+00	0.00E+00	2.10E-02	2.38E-01	3.58E-01	0.00E+00	1.67E-01	8.84E-01	2.78E-03	8.46E-03	9.47E-01	0.00E+00	1.38E-01	5.01E-02	3.58E-01	1.38E-01	0.00E+00	1.09E-01			
	ADC910H	1.24E-02	2.81E-03	1.41E-01	2.80E-03	0.00E+00	0.00E+00	2.68E-01	3.73E-01	8.84E-04	1.42E-02	0.00E+00	6.21E-02	1.78E-01	4.26E-01	2.04E-01	3.02E-02	0.00E+00	0.00E+00	2.10E-02	2.38E-01	3.58E-01	0.00E+00	1.67E-01	8.84E-01	2.78E-03	8.46E-03	9.47E-01	0.00E+00	1.38E-01	5.01E-02	3.58E-01	1.38E-01	0.00E+00	1.09E-01			
	ADC910M	7.28E-03	1.42E-01	2.81E-01	2.81E-01	0.00E+00	0.00E+00	2.68E-01	3.73E-01	8.84E-04	1.42E-02	0.00E+00	6.21E-02	1.78E-01	4.26E-01	2.04E-01	3.02E-02	0.00E+00	0.00E+00	2.10E-02	2.38E-01	3.58E-01	0.00E+00	1.67E-01	8.84E-01	2.78E-03	8.46E-03	9.47E-01	0.00E+00	1.38E-01	5.01E-02	3.58E-01	1.38E-01	0.00E+00	1.09E-01			
	ADC910T	5.18E-02	1.01E-01	1.86E-02	1.01E-01	0.00E+00	0.00E+00	1.91E-01	2.68E-01	6.37E-03	1.01E-01	0.00E+00	4.42E-01	1.27E-01	3.94E-01	1.45E-01	2.80E-01	0.00E+00	0.00E+00	1.82E-02	1.71E-01	2.55E-02	0.00E+00	4.89E-01	4.17E-01	1.98E-02	3.82E-04	8.78E-02	0.00E+00	2.55E-02	3.57E-01	2.55E-02	3.27E-02	6.75E-02	0.00E+00	7.74E-03		
	ADC913T	5.41E-02	1.08E-01	1.84E-02	1.08E-01	0.00E+00	0.00E+00	1.98E-01	2.78E-01	6.58E-03	1.08E-01	0.00E+00	4.62E-01	1.32E-01	3.71E-01	1.52E-01	2.82E-01	0.00E+00	0.00E+00	1.90E-02	1.78E-01	2.68E-02	0.00E+00	5.11E-01	4.32E-01	2.07E-02	4.08E-04	7.92E-02	0.00E+00	2.68E-02	3.73E-01	2.68E-02	3.37E-02	7.02E-02	0.00E+00	0.00E+00	8.08E-02	
	ADC916D	1.11E-02	2.17E-01	3.98E-03	2.16E-01	0.00E+00	0.00E+00	4.08E-01	5.71E-01	1.35E-03	2.17E-02	0.00E+00	9.58E-02	2.73E-01	6.51E-01	3.12E-01	8.88E-02	0.00E+00	0.00E+00	3.98E-03	3.88E-01	5.47E-03	0.00E+00	1.08E-01	8.84E-01	4.28E-03	8.48E-03	1.48E-02	0.00E+00	5.47E-03	7.67E-02	5.47E-03	6.82E-02	1.48E-02	0.00E+00	1.88E-01		
	ADC916H	1.11E-02	2.17E-01	3.98E-03	2.16E-01	0.00E+00	0.00E+00	4.08E-01	5.71E-01	1.35E-03	2.17E-02	0.00E+00	9.58E-02	2.73E-01	6.51E-01	3.12E-01	8.88E-02	0.00E+00	0.00E+00	3.98E-03	3.88E-01	5.47E-03	0.00E+00	1.08E-01	8.84E-01	4.28E-03	8.48E-03	1.48E-02	0.00E+00	5.47E-03	7.67E-02	5.47E-03	6.82E-02	1.48E-02	0.00E+00	1.88E-01		
	ADC916M	1.11E-02	2.17E-01	3.98E-03	2.16E-01	0.00E+00	0.00E+00	4.08E-01	5.71E-01	1.35E-03	2.17E-02	0.00E+00	9.58E-02	2.73E-01	6.51E-01	3.12E-01	8.88E-02	0.00E+00	0.00E+00	3.98E-03	3.88E-01	5.47E-03	0.00E+00	1.08E-01	8.84E-01	4.28E-03	8.48E-03	1.48E-02	0.00E+00	5.47E-03	7.67E-02	5.47E-03	6.82E-02	1.48E-02	0.00E+00	1.88E-01		
	ADC916T	5.67E-02	1.17E-01	2.04E-02	1.17E-01	0.00E+00	0.00E+00	2.08E-01	2.92E-01	6.91E-03	1.17E-01	0.00E+00	4.89E-01	1.38E-01	3.33E-01	1.39E-01	3.08E-01	0.00E+00	0.00E+00	1.98E-02	1.87E-01	2.88E-02	0.00E+00	5.37E-01	4.57E-01	2.18E-02	4.28E-04	7.48E-02	0.00E+00	2.88E-02	3.82E-01	2.88E-02	3.74E-02	7.48E-02	0.00E+00	8.48E-02		
	ADC920D	5.98E-03	1.24E-01	5.98E-03	2.78E-02	0.00E+00	0.00E+00	3.98E-01	7.24E-01	1.23E-02	5.98E-03	0.00E+00	1.23E-02	1.78E-01	4.26E-01	2.04E-01	3.02E-02	0.00E+00	0.00E+00	1.33E-03	1.13E-01	5.48E-03	0.00E+00	1.78E-01	1.13E-01	5.48E-03	1.07E-04	1.84E-03	0.00E+00	2.88E-02	3.82E-01	2.88E-02	3.74E-02	0.00E+00	0.00E+00	1.18E-01		
	ADC920H	1.41E-02	2.73E-01	5.88E-03	2.72E-01	0.00E+00	0.00E+00	5.00E-01	7.24E-01	1.73E-03	2.72E-02	0.00E+00	1.27E-01	3.48E-01	8.28E-01	3.99E-01	7.61E-02	0.00E+00	0.00E+00	4.99E-03	4.85E-01	6.94E-03	0.00E+00	1.33E-01	1.13E-01	5.48E-03	1.07E-04	1.84E-03	0.00E+00	6.94E-03	9.73E-02	6.94E-03	8.78E-03	1.84E-03	0.00E+00	0.00E+00	2.11E-01	
	ADC920T	5.98E-02	1.17E-01	2.18E-02	1.17E-01	0.00E+00	0.00E+00	2.21E-01	3.08E-01	7.38E-03	1.17E-01	0.00E+00	5.13E-01	1.47E-01	3.31E-01	1.68E-01	3.24E-01	0.00E+00	0.00E+00	2.11E-02	1.88E-01	2.88E-02	0.00E+00	5.67E-01	4.82E-01	2.38E-02	4.53E-04	7.81E-02	0.00E+00	2.88E-02	3.73E-02	7.81E-02	0.00E+00	0.00E+00	8.89E-03			
	ADC925D	1.98E-03	3.88E-01	7.13E-03	3.87E-01	0.00E+00	0.00E+00	7.32E-01	1.02E-01	2.42E-03	3.88E-02	0.00E+00	1.79E-01	4.87E-01	1.16E-01	5.67E-01	1.07E-01	0.00E+00	0.00E+00	6.88E-03	6.88E-01	9.78E-03	0.00E+00	1.88E-01	1.88E													

ADP490H	3.78E-01	7.38E-01	1.36E-02	7.38E-01	0.00E+00	0.00E+00	1.35E-01	1.94E-02	4.85E-03	7.40E-02	0.00E+00	3.23E-01	9.28E-01	2.22E-01	1.06E-01	2.94E-01	0.00E+00	0.00E+00	1.33E-02	1.25E-01	1.88E-02	0.00E+00	3.58E-01	3.54E-01	1.45E-02	2.88E-04	4.30E-01	0.00E+00	1.86E-02	2.81E-01	1.88E-02	2.38E-02	4.93E-01	0.00E+00	0.00E+00	0.00E+00	3.58E-01
ADQ466H	2.33E-02	4.54E-01	8.36E-03	4.54E-01	0.00E+00	0.00E+00	8.58E-01	1.20E-02	2.84E-03	4.56E-02	0.00E+00	1.59E-01	5.71E-01	1.36E-01	6.53E-01	1.26E-01	0.00E+00	0.00E+00	8.18E-03	7.67E-01	1.15E-02	0.00E+00	2.20E-01	1.87E-01	8.02E-03	1.76E-04	3.04E-01	0.00E+00	1.15E-02	1.61E-01	1.15E-02	1.40E-02	3.04E-01	0.00E+00	0.00E+00	0.00E+00	3.48E-01
ADQ490H	3.78E-01	7.38E-01	1.36E-02	7.38E-01	0.00E+00	0.00E+00	1.35E-01	1.94E-02	4.85E-03	7.40E-02	0.00E+00	3.23E-01	9.28E-01	2.22E-01	1.06E-01	2.94E-01	0.00E+00	0.00E+00	1.33E-02	1.25E-01	1.88E-02	0.00E+00	3.58E-01	3.54E-01	1.45E-02	2.88E-04	4.30E-01	0.00E+00	1.86E-02	2.81E-01	1.88E-02	2.38E-02	4.93E-01	0.00E+00	0.00E+00	0.00E+00	3.58E-01
ADS906D	4.06E-03	7.82E-01	1.46E-03	7.91E-01	0.00E+00	0.00E+00	5.00E-01	2.08E-01	4.94E-04	7.94E-03	0.00E+00	3.47E-02	9.06E-11	2.76E-01	1.14E-01	3.16E-02	0.00E+00	0.00E+00	1.43E-01	1.34E-01	2.06E-01	0.00E+00	3.94E-01	3.27E-01	1.56E-03	5.26E-05	3.06E-01	0.00E+00	3.06E-01	7.08E-01	5.05E-01	2.58E-01	1.34E-01	0.00E+00	0.00E+00	0.00E+00	6.07E-01
ADS910D	7.28E-03	1.42E-01	2.07E-03	1.41E-01	0.00E+00	0.00E+00	2.68E-01	3.75E-01	8.84E-04	1.42E-02	0.00E+00	8.27E-02	1.78E-01	4.28E-01	2.94E-01	3.62E-02	0.00E+00	0.00E+00	2.59E-03	2.26E-01	3.58E-01	0.00E+00	6.87E-01	8.94E-01	2.78E-03	3.46E-01	9.47E-01	0.00E+00	3.58E-01	5.01E-01	3.58E-01	4.32E-01	9.47E-01	0.00E+00	0.00E+00	1.58E-01	
ADS913C	1.03E-02	2.00E-01	3.86E-03	2.00E-01	0.00E+00	0.00E+00	3.78E-01	5.27E-01	1.26E-03	2.01E-02	0.00E+00	8.77E-02	2.73E-01	6.01E-01	2.88E-01	5.54E-02	0.00E+00	0.00E+00	3.60E-03	3.36E-01	3.65E-01	0.00E+00	9.70E-01	8.25E-01	3.03E-03	7.75E-03	1.34E-01	0.00E+00	3.03E-01	7.08E-01	5.05E-01	6.36E-01	1.34E-01	0.00E+00	0.00E+00	1.53E-01	
ADS913D	1.03E-02	2.00E-01	3.86E-03	2.00E-01	0.00E+00	0.00E+00	3.78E-01	5.27E-01	1.26E-03	2.01E-02	0.00E+00	8.77E-02	2.73E-01	6.01E-01	2.88E-01	5.54E-02	0.00E+00	0.00E+00	3.60E-03	3.36E-01	3.65E-01	0.00E+00	9.70E-01	8.25E-01	3.03E-03	7.75E-03	1.34E-01	0.00E+00	3.03E-01	7.08E-01	5.05E-01	6.36E-01	1.34E-01	0.00E+00	0.00E+00	1.53E-01	
ADS913QC	1.03E-02	2.00E-01	3.86E-03	2.00E-01	0.00E+00	0.00E+00	3.78E-01	5.27E-01	1.26E-03	2.01E-02	0.00E+00	8.77E-02	2.73E-01	6.01E-01	2.88E-01	5.54E-02	0.00E+00	0.00E+00	3.60E-03	3.36E-01	3.65E-01	0.00E+00	9.70E-01	8.25E-01	3.03E-03	7.75E-03	1.34E-01	0.00E+00	3.03E-01	7.08E-01	5.05E-01	6.36E-01	1.34E-01	0.00E+00	0.00E+00	1.53E-01	
ADS916C	1.11E-02	2.17E-01	3.86E-03	2.16E-01	0.00E+00	0.00E+00	4.08E-01	5.71E-01	1.35E-03	2.17E-02	0.00E+00	9.58E-02	2.73E-01	6.01E-01	3.12E-01	6.00E-02	0.00E+00	0.00E+00	3.59E-03	3.65E-01	3.65E-01	0.00E+00	1.05E-01	8.94E-01	4.28E-03	8.42E-03	1.43E-01	0.00E+00	3.47E-01	7.67E-01	5.47E-01	6.32E-01	1.43E-01	0.00E+00	0.00E+00	0.00E+00	1.68E-01
ADS916D	1.11E-02	2.17E-01	3.86E-03	2.16E-01	0.00E+00	0.00E+00	4.08E-01	5.71E-01	1.35E-03	2.17E-02	0.00E+00	9.58E-02	2.73E-01	6.01E-01	3.12E-01	6.00E-02	0.00E+00	0.00E+00	3.59E-03	3.65E-01	3.65E-01	0.00E+00	1.05E-01	8.94E-01	4.28E-03	8.42E-03	1.43E-01	0.00E+00	3.47E-01	7.67E-01	5.47E-01	6.32E-01	1.43E-01	0.00E+00	0.00E+00	0.00E+00	1.68E-01
ADS916QC	1.11E-02	2.17E-01	3.86E-03	2.16E-01	0.00E+00	0.00E+00	4.08E-01	5.71E-01	1.35E-03	2.17E-02	0.00E+00	9.58E-02	2.73E-01	6.01E-01	3.12E-01	6.00E-02	0.00E+00	0.00E+00	3.59E-03	3.65E-01	3.65E-01	0.00E+00	1.05E-01	8.94E-01	4.28E-03	8.42E-03	1.43E-01	0.00E+00	3.47E-01	7.67E-01	5.47E-01	6.32E-01	1.43E-01	0.00E+00	0.00E+00	0.00E+00	1.68E-01
ADS960D	7.28E-03	1.42E-01	2.07E-03	1.41E-01	0.00E+00	0.00E+00	2.68E-01	3.75E-01	8.84E-04	1.42E-02	0.00E+00	8.27E-02	1.78E-01	4.28E-01	2.94E-01	3.62E-02	0.00E+00	0.00E+00	2.59E-03	2.26E-01	3.58E-01	0.00E+00	6.87E-01	8.94E-01	2.78E-03	3.46E-01	9.47E-01	0.00E+00	3.58E-01	5.01E-01	3.58E-01	4.32E-01	9.47E-01	0.00E+00	0.00E+00	1.58E-01	
ADS963D	1.03E-02	2.00E-01	3.86E-03	2.00E-01	0.00E+00	0.00E+00	3.78E-01	5.27E-01	1.26E-03	2.01E-02	0.00E+00	8.77E-02	2.73E-01	6.01E-01	2.88E-01	5.54E-02	0.00E+00	0.00E+00	3.60E-03	3.36E-01	3.65E-01	0.00E+00	9.70E-01	8.25E-01	3.03E-03	7.75E-03	1.34E-01	0.00E+00	3.03E-01	7.08E-01	5.05E-01	6.36E-01	1.34E-01	0.00E+00	0.00E+00	1.53E-01	
ADS966D	1.11E-02	2.17E-01	3.86E-03	2.16E-01	0.00E+00	0.00E+00	4.08E-01	5.71E-01	1.35E-03	2.17E-02	0.00E+00	9.58E-02	2.73E-01	6.01E-01	3.12E-01	6.00E-02	0.00E+00	0.00E+00	3.59E-03	3.65E-01	3.65E-01	0.00E+00	1.05E-01	8.94E-01	4.28E-03	8.42E-03	1.43E-01	0.00E+00	3.47E-01	7.67E-01	5.47E-01	6.32E-01	1.43E-01	0.00E+00	0.00E+00	0.00E+00	1.68E-01
ADS975D	1.96E-02	7.13E-03	3.87E-03	4.00E+00	0.00E+00	0.00E+00	7.32E-01	1.02E-01	2.45E-03	3.89E-02	0.00E+00	1.77E-01	4.73E-01	1.16E-01	3.75E-01	1.07E-01	0.00E+00	0.00E+00	8.69E-03	1.65E-01	1.65E-01	0.00E+00	9.70E-01	8.25E-01	3.03E-03	7.75E-03	1.34E-01	0.00E+00	3.03E-01	7.08E-01	5.05E-01	6.36E-01	1.34E-01	0.00E+00	0.00E+00	0.00E+00	2.97E-01
ADX406D	1.45E-02	2.63E-01	5.22E-03	2.63E-01	0.00E+00	0.00E+00	5.32E-01	7.49E-01	1.77E-03	2.94E-02	0.00E+00	1.24E-01	3.58E-01	8.51E-01	4.07E-01	7.84E-02	0.00E+00	0.00E+00	5.18E-03	4.75E-01	7.75E-01	0.00E+00	1.37E-01	1.17E-01	5.57E-03	1.15E-04	1.88E-01	0.00E+00	7.15E-01	1.00E-01	7.15E-01	8.02E-01	1.88E-01	0.00E+00	0.00E+00	0.00E+00	2.17E-01
ADX410D	2.07E-02	4.04E-01	7.44E-03	4.04E-01	0.00E+00	0.00E+00	7.64E-01	1.06E-01	2.52E-03	4.03E-02	0.00E+00	1.77E-01	5.08E-01	1.21E-01	5.81E-01	1.12E-01	0.00E+00	0.00E+00	7.28E-03	8.80E-01	1.02E-02	0.00E+00	1.96E-01	1.67E-01	7.94E-03	1.57E-04	2.76E-01	0.00E+00	1.02E-02	1.43E-01	1.02E-02	1.24E-02	2.76E-01	0.00E+00	0.00E+00	0.00E+00	3.18E-01
ADX416D	2.33E-02	4.54E-01	8.36E-03	4.54E-01	0.00E+00	0.00E+00	8.58E-01	1.20E-02	2.84E-03	4.56E-02	0.00E+00	1.59E-01	5.71E-01	1.36E-01	6.53E-01	1.26E-01	0.00E+00	0.00E+00	8.18E-03	7.67E-01	1.15E-02	0.00E+00	2.20E-01	1.87E-01	8.02E-03	1.76E-04	3.04E-01	0.00E+00	1.15E-02	1.61E-01	1.15E-02	1.40E-02	3.04E-01	0.00E+00	0.00E+00	0.00E+00	3.48E-01
ADX420D	2.50E-02	4.88E-01	8.97E-03	4.87E-01	0.00E+00	0.00E+00	9.21E-01	1.28E-02	3.04E-03	4.89E-02	0.00E+00	1.64E-01	6.13E-01	1.46E-01	7.01E-01	1.35E-01	0.00E+00	0.00E+00	8.78E-03	8.25E-01	1.23E-02	0.00E+00	2.36E-01	2.01E-01	9.58E-03	1.88E-04	3.26E-01	0.00E+00	1.23E-02	1.73E-01	1.23E-02	1.58E-02	3.26E-01	0.00E+00	0.00E+00	0.00E+00	3.74E-01
ADX420T	2.50E-02	4.88E-01	8.97E-03	4.87E-01	0.00E+00	0.00E+00	9.21E-01	1.28E-02	3.04E-03	4.89E-02	0.00E+00	1.64E-01	6.13E-01	1.46E-01	7.01E-01	1.35E-01	0.00E+00	0.00E+00	8.78E-03	8.25E-01	1.23E-02	0.00E+00	2.36E-01	2.01E-01	9.58E-03	1.88E-04	3.26E-01	0.00E+00	1.23E-02	1.73E-01	1.23E-02	1.58E-02	3.26E-01	0.00E+00	0.00E+00	0.00E+00	3.74E-01
ADX425D	2.63E-02	5.13E-01	9.43E-03	5.12E-01	0.00E+00	0.00E+00	9.69E-01	1.25E-02	3.25E-03	5.14E-02	0.00E+00	2.25E-01	6.45E-01	1.54E-01	7.37E-01	1.42E-01	0.00E+00	0.00E+00	9.23E-03	8.86E-01	1.26E-02	0.00E+00	2.48E-01	2.11E-01	1.01E-02	1.96E-04	3.42E-01	0.00E+00	1.26E-02	1.81E-01	1.26E-02	1.64E-02	3.42E-01	0.00E+00	0.00E+00	0.00E+00	3.93E-01
ADX432D	3.12E-02	6.08E-01	1.12E-02	6.07E-01	0.00E+00	0.00E+00	1.15E-01	1.63E-01	3.80E-03	6.10E-02	0.00E+00	2.67E-01	7.63E-01	1.83E-01	8.75E-01	1.68E-01	0.00E+00	0.00E+00	1.18E-02	1.02E-01	1.54E-02	0.00E+00	2.95E-01	2.51E-01	1.23E-02	2.36E-04	4.07E-01	0.00E+00	1.54E-02	2.15E-01	1.54E-02	1.94E-02	4.07E-01	0.00E+00	0.00E+00	0.00E+00	4.68E-01
ADX432T	3.12E-02	6.08E-01	1.12E-02	6.07E-01	0.00E+00	0.00E+00	1.15E-01	1.63E-01	3.80E-03	6.10E-02	0.00E+00	2.67E-01	7.63E-01	1.83E-01	8.75E-01	1.68E-01	0.00E+00	0.00E+00	1.18E-02	1.02E-01	1.54E-02	0.00E+00	2.95E-01	2.51E-01	1.23E-02	2.36E-04	4.07E-01	0.00E+00	1.54E-02	2.15E-01	1.54E-02	1.94E-02	4.07E-01	0.00E+00	0.00E+00	0.00E+00	4.68E-01
ADX440D	3.78E-01	7.38E-01	1.36E-02	7.38E-01	0.00E+00	0.00E+00	1.35E-01	1.94E-02	4.85E-03	7.40E-02	0.00E+00	3.23E-01	9.28E-01	2.22E-01	1.06E-01	2.94E-01	0.00E+00	0.00E+00	1.33E-02	1.25E-01	1.88E-02	0.00E+00	3.58E-01	3.54E-01	1.45E-02	2.88E-04	4.30E-01	0.00E+00	1.86E-02	2.81E-01	1.88E-02	2.38E-02	4.93E-01	0.00E+00	0.00E+00	0.00E+00	3.58E-01
ADX460D	2.07E-02	4.04E-01	7.44E-03	4.04E-01	0.00E+00	0.00E+00	7.64E-01	1.06E-01	2.52E-03	4.03E-02	0.00E+00	1.77E-01	5.08E-01	1.21E-01	5.81E-01	1.12E-01	0.00E+00	0.00E+00	7.28E-03	8.80E-01	1.02E-02	0.00E+00	1.96E-01	1.67E-01	7.94E-03	1.57E-04	2.76E-01	0.00E+00	1.02E-02	1.43E-01	1.02E-02	1.24E-02	2.76E-01	0.00E+00			

ENR	ACA968D	2.63E+01	3.44E+01	1.91E+02	3.35E+01	0.00E+00	0.00E+00	2.15E+00	3.71E+00	1.97E+02	3.01E+02	0.00E+00	6.67E+04	1.83E+00	1.88E+00	1.23E+02	6.38E+01	0.00E+00	0.00E+00	1.03E+00	1.35E+02	2.65E+00	0.00E+00	2.18E+00	1.16E+00	8.54E+04	3.54E+07	2.03E+01	0.00E+00	2.69E+00	3.10E+07	2.65E+00	2.19E+00	2.93E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.01E+00
	ACS916D	2.94E+01	3.48E+01	1.86E+02	3.30E+01	0.00E+00	0.00E+00	2.11E+00	3.62E+00	1.78E+02	3.01E+02	0.00E+00	6.17E+04	1.66E+00	1.98E+00	1.22E+02	6.45E+01	0.00E+00	0.00E+00	1.03E+00	1.34E+02	2.66E+00	0.00E+00	2.16E+00	1.17E+00	8.68E+04	3.51E+07	2.04E+01	0.00E+00	2.66E+00	3.00E+07	2.66E+00	2.19E+00	2.92E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.01E+00
	ACA306G	1.18E+01	1.88E+01	8.53E+03	1.79E+01	0.00E+00	0.00E+00	1.53E+00	1.69E+00	8.39E+04	1.47E+01	0.00E+00	8.54E+03	8.72E+00	8.99E+00	8.73E+01	2.81E+01	1.88E+00	0.00E+00	7.59E+01	8.73E+01	1.30E+00	0.00E+00	1.05E+00	8.45E+00	4.07E+04	1.87E+07	1.34E+01	0.00E+00	1.38E+00	1.81E+07	1.30E+00	1.44E+00	1.44E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E+01
	ADA310G	1.84E+01	8.94E+01	1.78E+02	1.90E+01	0.00E+00	0.00E+00	1.93E+00	3.43E+00	8.59E+04	1.47E+01	0.00E+00	8.54E+03	8.72E+00	8.99E+00	8.73E+01	2.81E+01	1.88E+00	0.00E+00	7.59E+01	8.73E+01	1.30E+00	0.00E+00	1.05E+00	8.45E+00	4.07E+04	1.87E+07	1.38E+01	0.00E+00	1.31E+00	1.81E+07	1.31E+00	1.44E+00	1.36E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E+01
	ADA316G	1.38E+01	1.97E+01	8.87E+03	1.83E+01	0.00E+00	0.00E+00	1.59E+00	2.05E+00	7.44E+04	1.52E+01	0.00E+00	8.54E+03	8.73E+00	8.99E+00	8.64E+01	3.44E+01	1.88E+00	0.00E+00	8.13E+01	8.73E+01	1.38E+00	0.00E+00	1.11E+00	8.73E+00	4.26E+04	1.87E+07	1.44E+01	0.00E+00	1.38E+00	1.88E+07	1.38E+00	1.52E+00	1.44E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E+01
	ADA320G	1.33E+01	1.97E+01	8.85E+03	1.83E+01	0.00E+00	0.00E+00	1.58E+00	2.04E+00	7.32E+04	1.52E+01	0.00E+00	8.54E+03	8.73E+00	8.99E+00	8.63E+01	3.44E+01	1.88E+00	0.00E+00	8.18E+01	8.73E+01	1.38E+00	0.00E+00	1.11E+00	8.83E+00	4.26E+04	1.87E+07	1.45E+01	0.00E+00	1.38E+00	1.84E+07	1.38E+00	1.52E+00	1.45E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E+01
	ADA325G	1.33E+01	1.98E+01	1.15E+02	1.84E+01	0.00E+00	0.00E+00	1.60E+00	2.04E+00	7.81E+04	1.54E+02	0.00E+00	8.73E+00	8.73E+00	8.99E+00	8.68E+01	3.44E+01	1.88E+00	0.00E+00	8.48E+01	1.01E+02	1.38E+00	0.00E+00	1.11E+00	8.88E+00	4.37E+04	2.82E+07	1.45E+01	0.00E+00	1.38E+00	1.72E+07	1.38E+00	1.52E+00	1.48E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E+01
	ADA332G	1.43E+01	2.04E+01	1.63E+02	1.88E+01	0.00E+00	0.00E+00	2.08E+00	2.18E+00	8.17E+04	1.97E+01	0.00E+00	8.54E+03	8.74E+00	8.99E+00	8.76E+01	3.44E+01	1.88E+00	0.00E+00	8.38E+01	1.85E+02	1.40E+00	0.00E+00	1.13E+00	8.94E+00	4.42E+04	1.88E+07	1.48E+01	0.00E+00	1.40E+00	1.82E+08	1.48E+00	1.58E+00	1.48E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E+01
	ADA506G	2.78E+01	3.37E+01	1.78E+02	3.18E+01	0.00E+00	0.00E+00	1.94E+00	3.43E+00	1.88E+02	2.93E+01	0.00E+00	3.88E+04	8.36E+01	1.84E+00	1.16E+02	9.14E+01	0.00E+00	0.00E+00	1.34E+00	1.35E+02	2.93E+00	0.00E+00	2.08E+00	1.11E+00	8.38E+01	3.52E+07	2.78E+01	0.00E+00	3.93E+00	2.88E+07	2.93E+00	2.93E+00	2.83E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.88E+01
	ADA510D	2.68E+01	3.34E+01	1.74E+02	3.17E+01	0.00E+00	0.00E+00	1.90E+00	3.34E+00	1.88E+02	2.89E+01	0.00E+00	3.88E+04	8.31E+01	1.77E+00	1.14E+02	9.08E+01	0.00E+00	0.00E+00	1.31E+00	1.35E+02	2.91E+00	0.00E+00	2.05E+00	1.08E+00	8.17E+04	3.52E+07	2.73E+01	0.00E+00	3.93E+00	2.88E+07	2.91E+00	2.78E+00	2.78E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.48E+01
	ADA513D	2.68E+01	3.34E+01	1.74E+02	3.17E+01	0.00E+00	0.00E+00	1.91E+00	3.34E+00	1.88E+02	2.89E+01	0.00E+00	3.88E+04	8.32E+01	1.77E+00	1.14E+02	9.08E+01	0.00E+00	0.00E+00	1.32E+00	1.35E+02	2.91E+00	0.00E+00	2.05E+00	1.08E+00	8.17E+04	3.52E+07	2.73E+01	0.00E+00	3.93E+00	2.88E+07	2.91E+00	2.78E+00	2.78E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.48E+01
	ADA560D	2.68E+01	3.34E+01	1.74E+02	3.17E+01	0.00E+00	0.00E+00	1.90E+00	3.34E+00	1.88E+02	2.89E+01	0.00E+00	3.88E+04	8.31E+01	1.77E+00	1.14E+02	9.08E+01	0.00E+00	0.00E+00	1.31E+00	1.35E+02	2.91E+00	0.00E+00	2.05E+00	1.08E+00	8.17E+04	3.52E+07	2.73E+01	0.00E+00	3.93E+00	2.88E+07	2.91E+00	2.78E+00	2.78E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.48E+01
	ADA560G	2.68E+01	3.34E+01	1.74E+02	3.17E+01	0.00E+00	0.00E+00	1.91E+00	3.35E+00	1.88E+02	2.89E+01	0.00E+00	3.88E+04	8.31E+01	1.78E+00	1.14E+02	9.08E+01	0.00E+00	0.00E+00	1.31E+00	1.35E+02	2.91E+00	0.00E+00	2.05E+00	1.08E+00	8.17E+04	3.52E+07	2.73E+01	0.00E+00	3.93E+00	2.88E+07	2.91E+00	2.78E+00	2.78E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.48E+01
	ADA566D	2.73E+01	3.38E+01	1.75E+02	3.18E+01	0.00E+00	0.00E+00	1.93E+00	3.41E+00	1.82E+02	2.93E+01	0.00E+00	3.88E+04	8.45E+01	1.83E+00	1.16E+02	9.08E+01	0.00E+00	0.00E+00	1.35E+00	1.35E+02	2.94E+00	0.00E+00	2.07E+00	1.11E+00	8.29E+01	3.52E+07	2.73E+01	0.00E+00	3.94E+00	2.81E+07	2.94E+00	2.83E+00	2.73E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.93E+01
	ADA566G	2.73E+01	3.37E+01	1.75E+02	3.18E+01	0.00E+00	0.00E+00	1.93E+00	3.40E+00	1.82E+02	2.93E+01	0.00E+00	3.88E+04	8.45E+01	1.83E+00	1.16E+02	9.08E+01	0.00E+00	0.00E+00	1.35E+00	1.35E+02	2.94E+00	0.00E+00	2.07E+00	1.11E+00	8.29E+01	3.52E+07	2.73E+01	0.00E+00	3.94E+00	2.81E+07	2.94E+00	2.83E+00	2.73E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.93E+01
	ADA570G	3.28E+01	3.44E+01	1.84E+02	3.26E+01	0.00E+00	0.00E+00	2.04E+00	3.59E+00	2.02E+02	3.01E+02	0.00E+00	3.88E+04	8.63E+01	2.21E+00	1.18E+02	8.73E+01	0.00E+00	0.00E+00	1.87E+00	1.35E+02	2.82E+00	0.00E+00	2.16E+00	1.18E+00	8.73E+04	3.52E+07	2.97E+01	0.00E+00	2.82E+00	2.55E+07	2.82E+00	2.93E+00	2.97E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.18E+01
	ADA810H	2.68E+01	3.38E+01	1.71E+02	3.21E+01	0.00E+00	0.00E+00	1.95E+00	3.42E+00	1.98E+02	2.93E+01	0.00E+00	3.27E+04	8.36E+01	1.77E+00	1.18E+02	8.65E+01	0.00E+00	0.00E+00	1.34E+00	1.28E+02	2.94E+00	0.00E+00	2.08E+00	1.10E+00	8.29E+01	3.46E+07	2.73E+01	0.00E+00	3.94E+00	2.77E+07	2.94E+00	2.83E+00	2.73E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.97E+01
	ADA816H	2.74E+01	3.42E+01	1.72E+02	3.23E+01	0.00E+00	0.00E+00	1.98E+00	3.48E+00	1.82E+02	2.93E+01	0.00E+00	3.27E+04	8.52E+01	1.83E+00	1.18E+02	8.64E+01	0.00E+00	0.00E+00	1.38E+00	1.28E+02	2.98E+00	0.00E+00	2.10E+00	1.12E+00	8.32E+01	3.46E+07	2.85E+01	0.00E+00	3.98E+00	2.85E+07	2.98E+00	2.86E+00	2.85E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.74E+01
	ADA820H	3.27E+01	3.44E+01	1.81E+02	3.26E+01	0.00E+00	0.00E+00	2.05E+00	3.60E+00	2.02E+02	3.05E+02	0.00E+00	3.27E+04	8.64E+01	2.25E+00	1.20E+02	8.68E+01	0.00E+00	0.00E+00	1.88E+00	1.35E+02	2.85E+00	0.00E+00	2.18E+00	1.20E+00	8.68E+04	3.46E+07	3.02E+01	0.00E+00	2.85E+00	2.65E+07	2.85E+00	2.96E+00	2.96E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.19E+01
	ADA825H	3.32E+01	3.50E+01	1.82E+02	3.21E+01	0.00E+00	0.00E+00	2.10E+00	3.68E+00	2.08E+02	3.07E+02	0.00E+00	3.27E+04	8.67E+01	2.26E+00	1.22E+02	8.94E+01	0.00E+00	0.00E+00	1.77E+00	1.28E+02	2.71E+00	0.00E+00	2.21E+00	1.21E+00	8.93E+04	3.52E+07	3.05E+01	0.00E+00	2.71E+00	2.63E+07	2.71E+00	3.07E+00	3.05E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.28E+01
	ADA832H	4.34E+01	3.88E+01	2.08E+02	3.62E+01	0.00E+00	0.00E+00	2.62E+00	4.35E+00	2.77E+02	3.41E+02	0.00E+00	3.84E+04	1.52E+00	3.02E+00	1.42E+02	8.68E+01	0.00E+00	0.00E+00	2.19E+00	1.28E+02	1.18E+00	0.00E+00	2.88E+00	1.45E+00	1.02E+02	3.38E+07	3.78E+01	0.00E+00	3.18E+00	3.04E+07	3.18E+00	3.78E+00	3.78E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.88E+01
	ADA906C	2.94E+01	3.42E+01	1.85E+02	3.21E+01	0.00E+00	0.00E+00	2.05E+00	3.62E+00	1.78E+02	3.01E+02	0.00E+00	3.79E+04	8.62E+01	1.85E+00	1.21E+02	8.47E+01	0.00E+00	0.00E+00	1.84E+00	1.34E+02	2.87E+00	0.00E+00	2.17E+00	1.18E+00	8.68E+01	3.51E+07	2.91E+01	0.00E+00	2.87E+00	2.87E+07	2.87E+00	2.91E+00	2.91E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.95E+01
	ADA906D	2.94E+01	3.42E+01	1.85E+02	3.21E+01	0.00E+00	0.00E+00	2.05E+00	3.62E+00	1.78E+02	3.01E+02	0.00E+00	3.79E+04	8.62E+01	1.85E+00	1.21E+02	8.47E+01	0.00E+00	0.00E+00	1.84E+00	1.34E+02	2.87E+00	0.00E+00	2.17E+00	1.18E+00	8.68E+01	3.51E+07	2.91E+01	0.00E+00	2.87E+00	2.87E+07	2.87E+00	2.91E+00	2.91E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.95E+01
	ADA906G	2.94E+01	3.42E+01	1.85E+02	3.21E+01	0.00E+00	0.00E+00	2.05E+00	3.62E+00	1.78E+02	3.01E+02	0.00E+00	3.79E+04	8.62E+01	1.85E+00	1.21E+02	8.47E+01	0.00E+00	0.00E+00	1.84E+00	1.34E+02	2.87E+00	0.00E+00	2.17E+00	1.18E+00	8.68E+01	3.51E+07	2.91E+01	0.00E+00	2.87E+00	2.87E+07	2.87E+00	2.91E+00	2.91E+01	0.00E+00	0.00E+00	0.0		

	ADC960D	2.67E-01	3.54E-01	1.74E-02	3.37E-01	0.00E+00	0.00E+00	2.46E+00	3.32E-01	1.98E-01	2.03E-01	0.00E+00	6.27E-01	6.07E-01	1.05E-01	1.16E-02	5.99E-01	0.00E+00	0.00E+00	1.52E+00	1.35E-02	2.52E+00	0.00E+00	2.39E-01	1.09E-01	8.23E-04	3.57E-07	2.71E-01	0.00E+00	2.52E+00	2.74E-07	2.52E+00	2.80E-01	2.71E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-01	
	ADC96BD	2.71E-01	3.57E-01	1.75E-02	3.38E-01	0.00E+00	0.00E+00	2.49E+00	3.36E-01	1.99E-01	2.03E-01	0.00E+00	6.27E-01	6.10E-01	1.05E-01	1.16E-02	6.07E-01	0.00E+00	0.00E+00	1.59E+00	1.35E-02	2.56E+00	0.00E+00	2.39E-01	1.11E-01	8.31E-04	3.57E-07	2.76E-01	0.00E+00	2.56E+00	2.86E-07	2.56E+00	2.83E-01	2.76E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-01	
	ADC970D	3.29E-01	3.94E-01	1.84E-02	3.48E-01	0.00E+00	0.00E+00	2.59E+00	3.73E-01	2.05E-01	2.04E-01	0.00E+00	6.27E-01	6.58E-01	2.26E+00	1.20E-01	8.79E-01	0.00E+00	0.00E+00	1.67E+00	1.35E-02	2.67E+00	0.00E+00	2.71E-01	1.16E-01	8.63E-04	3.57E-07	2.88E-01	0.00E+00	2.67E+00	2.93E-07	2.67E+00	2.96E-01	2.76E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-01	
	ADC975D	3.12E-01	3.87E-01	3.49E-01	0.00E+00	0.00E+00	0.00E+00	3.97E+00	3.70E-01	2.04E-01	0.00E+00	0.00E+00	6.26E-01	6.12E-01	2.23E+00	1.24E-01	8.97E-01	0.00E+00	0.00E+00	1.73E+00	1.34E-02	2.75E+00	0.00E+00	2.74E-01	1.26E-01	8.99E-04	3.56E-07	3.08E-01	0.00E+00	2.75E+00	3.06E-07	2.75E+00	3.08E-01	2.74E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-01	
	ADH466C	8.12E-01	8.68E-01	2.89E-02	8.39E-01	0.00E+00	0.00E+00	4.45E+00	7.97E-01	3.97E-01	5.94E-01	0.00E+00	1.23E-01	2.30E-01	4.39E-01	2.55E-01	1.37E+00	0.00E+00	0.00E+00	3.59E+00	0.36E-01	5.88E+00	0.00E+00	4.53E-01	2.44E-01	1.73E-01	2.73E-07	6.28E-01	0.00E+00	5.88E+00	8.52E-07	5.88E+00	6.20E-01	6.28E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E+00	
	ADH913C	3.38E-01	3.97E-01	1.86E-02	3.48E-01	0.00E+00	0.00E+00	2.42E+00	4.20E-01	2.05E-01	3.21E-01	0.00E+00	6.03E-04	1.76E-01	2.39E-01	1.35E-02	7.36E-01	0.00E+00	0.00E+00	1.36E+00	1.35E-02	2.68E+00	0.00E+00	4.53E-01	1.30E-01	9.30E-04	3.57E-07	3.31E-01	0.00E+00	1.36E+00	3.40E-07	2.68E+00	3.16E-01	3.31E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.96E-01	
	ADH916D	3.42E-01	3.98E-01	1.86E-02	3.49E-01	0.00E+00	0.00E+00	2.42E+00	4.22E-01	2.05E-01	3.22E-01	0.00E+00	6.17E-04	1.76E-01	2.39E-01	1.35E-02	7.41E-01	0.00E+00	0.00E+00	1.91E+00	1.27E-02	2.88E+00	0.00E+00	2.41E-01	1.31E-01	9.43E-04	3.56E-07	3.31E-01	0.00E+00	1.91E+00	3.44E-07	2.88E+00	3.20E-01	3.31E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.00E-01	
	ADH920	3.38E-01	3.94E-01	1.86E-02	3.48E-01	0.00E+00	0.00E+00	2.48E+00	4.20E-01	2.05E-01	3.20E-01	0.00E+00	6.17E-04	1.71E-01	2.73E-01	1.37E-02	8.64E-01	0.00E+00	0.00E+00	1.99E+00	1.26E-02	2.94E+00	0.00E+00	2.46E-01	1.37E-01	8.69E-04	3.56E-07	3.16E-01	0.00E+00	1.99E+00	3.32E-07	2.94E+00	3.47E-01	3.16E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.02E-01	
	ADH925	3.39E-01	3.79E-01	1.86E-02	3.50E-01	0.00E+00	0.00E+00	2.51E+00	4.20E-01	2.01E-01	3.22E-01	0.00E+00	6.79E-04	1.71E-01	2.77E-01	1.37E-02	8.13E-01	0.00E+00	0.00E+00	2.01E+00	1.26E-02	2.98E+00	0.00E+00	2.46E-01	1.38E-01	9.32E-04	3.56E-07	3.58E-01	0.00E+00	2.01E+00	2.88E-07	2.98E+00	3.42E-01	3.58E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.39E-01	
	ADH956	3.47E-01	3.88E-01	1.86E-02	3.47E-01	0.00E+00	0.00E+00	2.38E+00	4.11E-01	2.12E-01	3.21E-01	0.00E+00	6.79E-04	1.68E-01	2.36E-01	1.32E-02	7.45E-01	0.00E+00	0.00E+00	1.98E+00	1.26E-02	2.94E+00	0.00E+00	2.38E-01	1.28E-01	9.37E-04	3.56E-07	3.31E-01	0.00E+00	2.38E+00	3.11E-07	2.94E+00	3.27E-01	3.31E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.79E-01	
	ADH980	3.37E-01	3.89E-01	1.86E-02	3.47E-01	0.00E+00	0.00E+00	2.46E+00	4.20E-01	2.05E-01	3.21E-01	0.00E+00	6.79E-04	1.69E-01	2.36E-01	1.34E-02	7.32E-01	0.00E+00	0.00E+00	1.98E+00	1.27E-02	2.95E+00	0.00E+00	2.42E-01	1.28E-01	9.32E-04	3.56E-07	3.31E-01	0.00E+00	1.98E+00	3.26E-07	2.95E+00	3.27E-01	3.31E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.79E-01	
	ADH986	3.45E-01	3.88E-01	1.86E-02	3.47E-01	0.00E+00	0.00E+00	2.38E+00	4.12E-01	2.07E-01	3.21E-01	0.00E+00	6.79E-04	1.69E-01	2.32E-01	1.32E-02	7.33E-01	0.00E+00	0.00E+00	1.97E+00	1.26E-02	2.94E+00	0.00E+00	2.37E-01	1.28E-01	9.32E-04	3.56E-07	3.31E-01	0.00E+00	2.38E+00	3.22E-07	2.94E+00	3.27E-01	3.31E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.83E-01	
	ADH970	3.39E-01	3.79E-01	1.86E-02	3.50E-01	0.00E+00	0.00E+00	2.53E+00	4.20E-01	2.48E-01	3.22E-01	0.00E+00	6.79E-04	1.71E-01	2.74E-01	1.36E-02	8.13E-01	0.00E+00	0.00E+00	2.02E+00	1.27E-02	3.10E+00	0.00E+00	2.51E-01	1.38E-01	9.32E-04	3.56E-07	3.58E-01	0.00E+00	2.02E+00	3.17E-07	2.94E+00	3.46E-01	3.58E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-01	
	ADH975	4.00E-01	3.77E-01	2.01E-02	3.37E-01	0.00E+00	0.00E+00	2.55E+00	4.29E-01	2.32E-01	3.34E-01	0.00E+00	6.71E-04	2.23E-01	2.78E-01	1.42E-01	8.22E-01	0.00E+00	0.00E+00	2.04E+00	1.27E-02	3.12E+00	0.00E+00	2.52E-01	1.42E-01	1.03E-01	3.56E-07	3.61E-01	0.00E+00	2.04E+00	3.18E-07	3.18E-07	3.12E+00	3.49E-01	3.61E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.48E-01
	ADM406G	7.61E-01	2.84E-02	6.31E-01	0.00E+00	0.00E+00	0.00E+00	4.73E+00	6.42E-01	8.90E-01	6.15E-01	0.00E+00	1.28E-01	2.24E+00	3.26E-01	1.54E-01	5.00E+00	0.00E+00	0.00E+00	3.87E+00	4.44E-01	5.95E+00	0.00E+00	4.74E-01	2.85E-01	1.89E-01	2.86E-07	6.85E-01	0.00E+00	3.87E+00	5.95E-07	5.91E+00	6.84E-01	6.85E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E+00	
	ADM410G	6.93E-01	6.94E-01	2.25E-02	6.59E-01	0.00E+00	0.00E+00	4.10E+00	7.20E-01	3.97E-01	6.03E-01	0.00E+00	1.23E-01	2.23E-01	4.01E-01	2.43E-01	1.32E+00	0.00E+00	0.00E+00	3.32E+00	0.36E-01	5.37E+00	0.00E+00	4.35E-01	2.37E-01	1.74E-01	2.72E-07	5.93E-01	0.00E+00	3.32E+00	7.69E-07	5.37E+00	5.93E-01	5.93E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E+00	
	ADM410T	6.93E-01	6.93E-01	2.25E-02	6.60E-01	0.00E+00	0.00E+00	4.10E+00	7.20E-01	3.97E-01	6.03E-01	0.00E+00	1.23E-01	2.23E-01	4.01E-01	2.43E-01	1.32E+00	0.00E+00	0.00E+00	3.32E+00	0.36E-01	5.37E+00	0.00E+00	4.35E-01	2.37E-01	1.74E-01	2.72E-07	5.93E-01	0.00E+00	3.32E+00	7.69E-07	5.37E+00	5.93E-01	5.93E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E+00	
	ADM413C	6.93E-01	6.91E-01	2.62E-02	6.35E-01	0.00E+00	0.00E+00	4.36E+00	7.94E-01	3.89E-01	5.93E-01	0.00E+00	1.23E-01	2.23E-01	4.07E-01	2.52E-01	1.33E+00	0.00E+00	0.00E+00	3.32E+00	0.36E-01	5.38E+00	0.00E+00	4.48E-01	2.42E-01	1.72E-01	2.72E-07	6.21E-01	0.00E+00	3.32E+00	8.37E-07	5.38E+00	6.21E-01	6.21E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E+00	
	ADM416C	6.12E-01	6.94E-01	2.84E-02	6.35E-01	0.00E+00	0.00E+00	4.45E+00	7.97E-01	3.97E-01	5.93E-01	0.00E+00	1.23E-01	2.30E-01	4.39E-01	2.55E-01	1.37E+00	0.00E+00	0.00E+00	3.59E+00	0.36E-01	5.88E+00	0.00E+00	4.53E-01	2.44E-01	1.73E-01	2.73E-07	6.28E-01	0.00E+00	3.59E+00	8.52E-07	5.88E+00	6.28E-01	6.28E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E+00	
	ADM416G	6.12E-01	6.93E-01	2.84E-02	6.36E-01	0.00E+00	0.00E+00	4.45E+00	7.98E-01	3.97E-01	5.93E-01	0.00E+00	1.23E-01	2.30E-01	4.39E-01	2.55E-01	1.38E+00	0.00E+00	0.00E+00	3.59E+00	0.36E-01	5.88E+00	0.00E+00	4.53E-01	2.44E-01	1.73E-01	2.73E-07	6.27E-01	0.00E+00	3.59E+00	8.52E-07	5.88E+00	6.28E-01	6.27E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E+00	
	ADM416QC	6.13E-01	6.78E-01	2.97E-02	6.32E-01	0.00E+00	0.00E+00	4.18E+00	7.38E-01	3.71E-01	6.01E-01	0.00E+00	1.23E-01	2.27E-01	4.07E-01	2.43E-01	1.33E+00	0.00E+00	0.00E+00	3.39E+00	0.36E-01	5.43E+00	0.00E+00	4.38E-01	2.38E-01	1.74E-01	2.73E-07	6.01E-01	0.00E+00	3.39E+00	7.87E-07	5.43E+00	6.01E-01	6.01E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E+00	
	ADM416T	6.12E-01	6.97E-01	2.85E-02	6.49E-01	0.00E+00	0.00E+00	4.45E+00	7.97E-01	3.97E-01	5.93E-01	0.00E+00	1.23E-01	2.30E-01	4.39E-01	2.55E-01	1.37E+00	0.00E+00	0.00E+00	3.59E+00	0.36E-01	5.88E+00	0.00E+00	4.53E-01	2.44E-01	1.73E-01	2.73E-07	6.28E-01	0.00E+00	3.59E+00	8.52E-07	5.88E+00	6.28E-01	6.28E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E+00	
	ADM420C	6.14E-01	6.71E-01	2.97E-02	6.44E-01	0.00E+00	0.00E+00	4.53E+00	7.97E-01	3.97E-01	5.93E-01	0.00E+00	1.23E-01	2.31E-01	4.11E-01	2.56E-01	1.38E+00	0.00E+00	0.00E+00	3.61E+00	0.36E-01	5.90E+00	0.00E+00	4.58E-01	2.47E-01	1.74E-01	2.74E-07	6.37E-01	0.00E+00	3.61E+00	8.70E-07	5.90E+00	6.37E-01	6.37E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E+00	
	ADM420G	6.14E-01	6.71E-01	2.97E-02	6.44E-01	0.00E+00	0.00E+00	4.53E+00	7.97E-01	3.97E-01	5.93E-01	0.00E+00	1.23E-01	2.31E-01	4.11E-01	2.56E-01	1.38E+00	0.00E+00	0.00E+00	3.61E+00	0.36E-01	5.90E+00	0.00E+00	4.58E-01	2.47E-01	1.74E-01	2.73E-07	6.37E-01	0.00E+00	3.61E+00	8.70E-07	5.90E+00	6.37E-01	6.37E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E+00	
	ADM420T	6.15E-01	6.72E-01	2.97E-02																																				

ADX475D	6.12E-01	6.68E-01	2.85E-02	6.39E-01	0.00E+00	0.00E+00	4.45E-01	7.98E-01	3.97E-01	5.94E-01	0.00E+00	1.23E-01	2.33E-01	4.35E-01	2.55E-01	1.37E+00	0.00E+00	0.00E+00	3.59E-01	0.05E-01	5.85E-01	0.00E+00	4.33E-01	2.44E-01	1.72E-01	2.75E-01	6.28E-01	0.00E+00	5.66E-01	8.53E-01	5.68E-01	6.29E-01	0.28E-01	0.00E+00	0.00E+00	0.00E+00	1.35E-02
ADX482C	6.18E-01	6.78E-01	2.76E-02	6.49E-01	0.00E+00	0.00E+00	4.61E-01	8.20E-01	3.85E-01	6.04E-01	0.00E+00	1.23E-01	2.32E-01	4.14E-01	2.54E-01	1.40E+00	0.00E+00	0.00E+00	3.69E-01	0.05E-01	5.83E-01	0.00E+00	4.48E-01	2.52E-01	1.70E-01	2.75E-01	6.46E-01	0.00E+00	5.82E-01	8.87E-01	5.83E-01	6.49E-01	0.44E-01	0.00E+00	0.00E+00	0.00E+00	1.34E-02
ADX482D	6.18E-01	6.78E-01	2.75E-02	6.49E-01	0.00E+00	0.00E+00	4.61E-01	8.20E-01	3.85E-01	6.04E-01	0.00E+00	1.23E-01	2.32E-01	4.14E-01	2.54E-01	1.40E+00	0.00E+00	0.00E+00	3.69E-01	0.05E-01	5.83E-01	0.00E+00	4.48E-01	2.52E-01	1.70E-01	2.75E-01	6.46E-01	0.00E+00	5.82E-01	8.87E-01	5.83E-01	6.49E-01	0.44E-01	0.00E+00	0.00E+00	0.00E+00	1.34E-02
ADX490C	6.18E-01	6.78E-01	2.71E-02	6.51E-01	0.00E+00	0.00E+00	4.57E-01	8.20E-01	3.85E-01	6.06E-01	0.00E+00	1.23E-01	2.32E-01	4.14E-01	2.51E-01	1.40E+00	0.00E+00	0.00E+00	3.69E-01	0.05E-01	5.83E-01	0.00E+00	4.47E-01	2.51E-01	1.69E-01	2.75E-01	6.46E-01	0.00E+00	5.82E-01	8.86E-01	5.83E-01	6.49E-01	0.44E-01	0.00E+00	0.00E+00	0.00E+00	1.35E-02
ADX490D	6.18E-01	6.78E-01	2.71E-02	6.51E-01	0.00E+00	0.00E+00	4.57E-01	8.20E-01	3.85E-01	6.06E-01	0.00E+00	1.23E-01	2.32E-01	4.14E-01	2.51E-01	1.40E+00	0.00E+00	0.00E+00	3.69E-01	0.05E-01	5.83E-01	0.00E+00	4.47E-01	2.51E-01	1.69E-01	2.75E-01	6.46E-01	0.00E+00	5.82E-01	8.86E-01	5.83E-01	6.49E-01	0.44E-01	0.00E+00	0.00E+00	0.00E+00	1.35E-02
AD2310D	4.43E-01	6.88E-01	3.81E-02	6.18E-01	0.00E+00	0.00E+00	3.34E-01	5.90E-01	2.47E-01	5.81E-01	0.00E+00	4.05E-01	2.18E-01	2.78E-01	3.11E-01	1.94E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-01	4.76E-01	0.00E+00	4.01E-01	2.34E-01	1.54E-01	8.56E-01	4.73E-01	0.00E+00	4.76E-01	6.03E-01	4.78E-01	5.33E-01	4.73E-01	0.00E+00	0.00E+00	0.00E+00	9.98E-03
AD2316D	4.46E-01	6.82E-01	3.97E-02	6.28E-01	0.00E+00	0.00E+00	3.44E-01	5.90E-01	2.63E-01	5.85E-01	0.00E+00	4.05E-01	2.13E-01	2.78E-01	3.16E-01	1.97E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-01	4.82E-01	0.00E+00	4.01E-01	2.35E-01	1.56E-01	8.56E-01	4.80E-01	0.00E+00	4.82E-01	6.08E-01	4.80E-01	5.33E-01	4.80E-01	0.00E+00	0.00E+00	0.00E+00	9.98E-03
ADZ363QC	4.66E-01	6.88E-01	3.87E-02	6.28E-01	0.00E+00	0.00E+00	3.44E-01	6.07E-01	2.63E-01	5.85E-01	0.00E+00	4.05E-01	2.13E-01	2.78E-01	3.16E-01	1.97E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-01	4.82E-01	0.00E+00	4.01E-01	2.35E-01	1.56E-01	8.56E-01	4.80E-01	0.00E+00	4.82E-01	6.08E-01	4.80E-01	5.33E-01	4.80E-01	0.00E+00	0.00E+00	0.00E+00	9.92E-03
AD2366D	4.66E-01	6.88E-01	3.87E-02	6.28E-01	0.00E+00	0.00E+00	3.44E-01	6.08E-01	2.63E-01	5.85E-01	0.00E+00	4.05E-01	2.13E-01	2.78E-01	3.16E-01	1.98E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-01	4.82E-01	0.00E+00	4.01E-01	2.35E-01	1.56E-01	8.56E-01	4.80E-01	0.00E+00	4.82E-01	6.08E-01	4.80E-01	5.33E-01	4.80E-01	0.00E+00	0.00E+00	0.00E+00	9.98E-03
ADZ366QC	4.66E-01	6.88E-01	3.87E-02	6.28E-01	0.00E+00	0.00E+00	3.44E-01	6.08E-01	2.63E-01	5.85E-01	0.00E+00	4.05E-01	2.13E-01	2.78E-01	3.16E-01	1.98E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-01	4.82E-01	0.00E+00	4.01E-01	2.35E-01	1.56E-01	8.56E-01	4.80E-01	0.00E+00	4.82E-01	6.08E-01	4.80E-01	5.33E-01	4.80E-01	0.00E+00	0.00E+00	0.00E+00	9.98E-03
AF4810H	2.41E-01	1.77E-01	1.77E-01	3.14E-01	0.00E+00	0.00E+00	1.88E-01	7.85E-01	1.18E-01	2.83E-01	0.00E+00	7.85E-01	1.25E-01	1.95E-01	1.15E-01	5.81E-01	0.00E+00	0.00E+00	1.44E-01	1.05E-01	7.82E-01	0.00E+00	4.53E-01	2.18E-01	1.58E-01	2.75E-01	2.31E-01	0.00E+00	4.28E-01	6.37E-01	2.45E-01	2.45E-01	2.95E-01	0.00E+00	0.00E+00	0.00E+00	5.97E-03
AF4820H	2.88E-01	3.42E-01	1.87E-02	3.21E-01	0.00E+00	0.00E+00	1.99E-01	3.33E-01	1.83E-01	2.83E-01	0.00E+00	7.67E-01	1.81E-01	1.35E-01	1.05E-01	5.52E-01	0.00E+00	0.00E+00	1.54E-01	1.52E-01	2.45E-01	0.00E+00	1.97E-01	1.93E-01	7.64E-01	3.94E-01	2.73E-01	0.00E+00	2.32E-01	2.45E-01	2.52E-01	2.83E-01	2.73E-01	0.00E+00	0.00E+00	0.00E+00	5.93E-03
AF4832H	3.32E-01	3.58E-01	1.86E-02	3.33E-01	0.00E+00	0.00E+00	2.12E-01	3.88E-01	2.85E-01	3.05E-01	0.00E+00	7.73E-01	1.88E-01	2.24E-01	1.18E-01	8.85E-01	0.00E+00	0.00E+00	1.78E-01	1.52E-01	2.85E-01	0.00E+00	2.15E-01	1.23E-01	8.85E-01	3.58E-01	3.58E-01	0.00E+00	2.85E-01	2.85E-01	2.85E-01	3.05E-01	0.00E+00	0.00E+00	0.00E+00	6.24E-03	
AF4910H	2.41E-01	3.31E-01	1.77E-02	3.14E-01	0.00E+00	0.00E+00	1.88E-01	3.18E-01	1.35E-01	2.83E-01	0.00E+00	7.67E-01	1.81E-01	1.35E-01	1.05E-01	5.52E-01	0.00E+00	0.00E+00	1.49E-01	1.52E-01	2.45E-01	0.00E+00	1.97E-01	1.93E-01	7.64E-01	3.94E-01	2.73E-01	0.00E+00	2.45E-01	2.55E-01	2.45E-01	2.83E-01	2.73E-01	0.00E+00	0.00E+00	0.00E+00	5.97E-03
AF4916H	2.41E-01	3.34E-01	1.76E-02	3.16E-01	0.00E+00	0.00E+00	1.91E-01	3.18E-01	1.42E-01	2.84E-01	0.00E+00	7.67E-01	1.82E-01	1.35E-01	1.05E-01	5.51E-01	0.00E+00	0.00E+00	1.49E-01	1.52E-01	2.45E-01	0.00E+00	1.97E-01	1.93E-01	7.64E-01	3.94E-01	2.73E-01	0.00E+00	2.45E-01	2.56E-01	2.45E-01	2.83E-01	2.73E-01	0.00E+00	0.00E+00	0.00E+00	5.94E-03
AF4920H	2.88E-01	3.42E-01	1.87E-02	3.21E-01	0.00E+00	0.00E+00	1.99E-01	3.33E-01	1.83E-01	2.83E-01	0.00E+00	7.67E-01	1.84E-01	2.25E-01	1.13E-01	8.26E-01	0.00E+00	0.00E+00	1.54E-01	1.52E-01	2.52E-01	0.00E+00	2.05E-01	1.13E-01	8.41E-01	3.94E-01	2.73E-01	0.00E+00	2.52E-01	2.45E-01	2.52E-01	2.83E-01	2.73E-01	0.00E+00	0.00E+00	0.00E+00	5.93E-03
AF4925H	3.34E-01	3.45E-01	1.86E-02	3.35E-01	0.00E+00	0.00E+00	2.01E-01	3.38E-01	1.85E-01	2.91E-01	0.00E+00	7.67E-01	1.84E-01	2.24E-01	1.14E-01	8.36E-01	0.00E+00	0.00E+00	1.59E-01	1.52E-01	2.55E-01	0.00E+00	2.05E-01	1.14E-01	8.55E-01	3.95E-01	2.73E-01	0.00E+00	2.55E-01	2.47E-01	2.55E-01	2.83E-01	2.73E-01	0.00E+00	0.00E+00	0.00E+00	5.71E-03
AF4932H	3.32E-01	3.52E-01	1.85E-02	3.33E-01	0.00E+00	0.00E+00	2.12E-01	3.38E-01	2.85E-01	3.04E-01	0.00E+00	7.67E-01	1.87E-01	2.24E-01	1.15E-01	8.94E-01	0.00E+00	0.00E+00	1.59E-01	1.52E-01	2.85E-01	0.00E+00	2.15E-01	1.23E-01	8.85E-01	3.95E-01	2.73E-01	0.00E+00	2.85E-01	2.55E-01	2.85E-01	3.05E-01	0.00E+00	0.00E+00	0.00E+00	6.18E-03	
AFC416F	3.22E-01	3.88E-01	3.88E-01	6.33E-01	0.00E+00	0.00E+00	5.87E-01	7.95E-01	7.55E-01	0.00E+00	8.36E-01	2.13E-01	4.81E-01	2.85E-01	1.54E-01	0.00E+00	0.00E+00	0.00E+00	3.79E-01	3.33E-01	6.26E-01	0.00E+00	5.11E-01	2.78E-01	1.73E-01	3.76E-01	6.73E-01	0.00E+00	4.28E-01	6.37E-01	6.23E-01	6.73E-01	6.73E-01	0.00E+00	0.00E+00	0.00E+00	1.96E-03
AFC420F	8.10E-01	8.80E-01	3.28E-02	8.47E-01	0.00E+00	0.00E+00	4.87E-01	8.53E-01	4.98E-01	7.77E-01	0.00E+00	8.36E-01	2.24E-01	3.34E-01	2.97E-01	1.69E+00	0.00E+00	0.00E+00	4.08E+00	1.36E-01	6.62E-01	0.00E+00	5.41E-01	3.02E-01	2.24E-01	3.77E-01	7.31E-01	0.00E+00	6.62E-01	8.97E-01	6.62E-01	7.31E-01	0.00E+00	0.00E+00	0.00E+00	1.58E-02	
AFM406G	7.61E-01	6.81E-01	2.84E-02	6.52E-01	0.00E+00	0.00E+00	4.68E-01	8.27E-01	4.80E-01	6.15E-01	0.00E+00	1.54E-01	2.58E-01	3.24E-01	2.62E-01	1.58E+00	0.00E+00	0.00E+00	3.87E-01	4.44E-01	5.91E-01	0.00E+00	4.74E-01	2.85E-01	1.88E-01	2.58E-01	6.85E-01	0.00E+00	5.91E-01	7.90E-01	5.91E-01	6.85E-01	6.85E-01	0.00E+00	0.00E+00	0.00E+00	1.42E-02
AFM410G	6.68E-01	6.68E-01	2.94E-02	6.68E-01	0.00E+00	0.00E+00	4.12E-01	7.21E-01	3.87E-01	6.05E-01	0.00E+00	1.59E-01	2.45E-01	4.02E-01	2.49E-01	1.32E+00	0.00E+00	0.00E+00	3.33E-01	0.81E-01	5.37E-01	0.00E+00	4.35E-01	2.37E-01	1.74E-01	2.75E-01	6.85E-01	0.00E+00	5.37E-01	7.68E-01	5.37E-01	6.85E-01	5.95E-01	0.00E+00	0.00E+00	0.00E+00	1.21E-02
AFM416G	2.94E-01	2.94E-01	6.39E-01	6.39E-01	0.00E+00	0.00E+00	4.77E-01	7.75E-01	3.87E-01	5.94E-01	0.00E+00	1.58E-01	2.13E-01	4.08E-01	2.55E-01	1.38E+00	0.00E+00	0.00E+00	3.39E-01	0.81E-01	5.86E-01	0.00E+00	4.33E-01	2.44E-01	1.73E-01	2.71E-01	6.28E-01	0.00E+00	5.86E-01	8.51E-01	5.86E-01	6.28E-01	6.28E-01	0.00E+00	0.00E+00	0.00E+00	1.30E-02
AFM420G	6.14E-01	6.71E-01	2.87E-02	6.49E-01	0.00E+00	0.00E+00	4.55E-01	8.13E-01	3.87E-01	5.93E-01	0.00E+00	1.59E-01	2.52E-01	4.11E-01	2.55E-01	1.38E+00	0.00E+00	0.00E+00	3.81E-01	0.81E-01	5.74E-01	0.00E+00	4.35E-01	2.47E-01	1.74E-01	2.72E-01	6.37E-01	0.00E+00	5.74E-01	8.71E-01	5.74E-01	6.38E-01	6.37E-01	0.00E+00	0.00E+00	0.00E+00	1.52E-02
AFM425G	6.12E-01	6.68E-01	2.84E-02	6.49E-01	0.00E+00	0.00E+00	4.47E-01	7.97E-01	3.87E-01	5.94E-01	0.00E+00	1.58E-01	2.51E-01	4.08E-01	2.55E-01	1.38E+00	0.00E+00	0.00E+00	3.39E-01	0.81E-01	5.86E-01	0.00E+00	4.33E-01	2.44E-01	1.73E-01	2.71E-01	6.28E-01	0.00E+00	5.86E-01	8.51E-01	5.86E-01	6.28E-01	6.28E-01	0.00E+00	0.00E+00		

	ADA916C	-2.19E-02	-2.67E-01	-4.30E-03	-2.62E-01	0.00E+00	0.00E+00	-5.37E-01	-2.18E-02	-3.36E-04	-1.31E-02	0.00E+00	0.00E+00	-3.71E-01	-2.52E-01	-2.31E-02	-1.22E-01	0.00E+00	0.00E+00	-4.78E-01	0.00E+00	-2.63E-01	0.00E+00	-1.19E-01	-4.90E-01	-3.97E-03	0.00E+00	-5.64E-01	0.00E+00	-2.63E-01	-5.39E-01	-2.62E-01	-3.18E-01	-2.64E-01	0.00E+00	0.00E+00	0.00E+00	-2.25E-02
	ADA916D	-2.11E-02	2.58E-02	-1.96E-03	2.71E-02	0.00E+00	0.00E+00	-4.53E-01	-2.14E-02	-4.37E-04	-1.08E-02	0.00E+00	0.00E+00	-2.90E-01	-2.48E-01	-1.08E-02	1.80E+00	0.00E+00	0.00E+00	-4.94E-01	0.00E+00	-9.98E-01	0.00E+00	2.88E-01	-3.80E-01	-3.18E-03	0.00E+00	-4.32E-01	0.00E+00	-9.98E-01	-4.41E-01	-9.98E-01	-1.43E-01	-4.33E-01	0.00E+00	0.00E+00	0.00E+00	-1.74E-02
	ADA916H	-1.22E-03	1.69E-02	4.97E-03	1.18E-02	0.00E+00	0.00E+00	5.11E-01	-1.68E-04	1.08E-03	-1.18E-03	0.00E+00	0.00E+00	-1.10E-01	-2.39E-01	5.61E-03	4.99E-01	0.00E+00	0.00E+00	1.44E-01	0.00E+00	7.48E-01	0.00E+00	7.92E-01	-3.36E-01	-3.47E-04	0.00E+00	5.02E-03	0.00E+00	7.48E-01	-1.19E-03	7.48E-01	7.25E-01	9.32E-03	0.00E+00	0.00E+00	0.00E+00	7.13E-03
	ADA920D	-2.49E-02	-5.81E-03	-1.33E-01	-1.26E-01	0.00E+00	0.00E+00	-7.02E-01	-2.78E-02	-1.26E-03	-1.53E-02	0.00E+00	0.00E+00	-4.69E-01	-4.69E-01	-4.91E-03	2.67E+00	0.00E+00	0.00E+00	-5.91E-01	0.00E+00	-3.20E-01	0.00E+00	-1.17E-01	-5.90E-01	-4.69E-03	0.00E+00	-4.22E-01	0.00E+00	-3.93E-01	-3.93E-01	-3.93E-01	-2.93E-01	-3.93E-01	0.00E+00	0.00E+00	0.00E+00	-2.93E-01
	ADA920G	-2.49E-02	-1.32E-01	-4.80E-03	-1.27E-01	0.00E+00	0.00E+00	-8.24E-01	-2.51E-02	-8.88E-04	-1.38E-02	0.00E+00	0.00E+00	-4.18E-01	-2.88E-01	-1.88E-02	2.48E+00	0.00E+00	0.00E+00	-3.09E-01	0.00E+00	-2.62E-01	0.00E+00	-8.82E-01	-4.84E-01	-4.24E-03	0.00E+00	-4.68E-01	0.00E+00	-2.82E-01	-7.34E-01	-2.82E-01	-3.47E-01	-4.68E-01	0.00E+00	0.00E+00	0.00E+00	-2.88E-01
	ADA920H	3.46E-03	2.86E-01	6.86E-03	1.91E-01	0.00E+00	0.00E+00	1.17E+00	-2.82E-04	1.88E-03	1.14E-03	0.00E+00	0.00E+00	-6.06E-01	-1.42E-01	1.05E-02	2.66E-01	0.00E+00	0.00E+00	9.05E-01	0.00E+00	2.18E-01	0.00E+00	4.86E-01	5.14E-01	3.32E-04	0.00E+00	1.86E-01	0.00E+00	2.18E-01	-1.01E-03	2.18E-01	1.86E-01	0.00E+00	0.00E+00	0.00E+00	2.88E-01	
	ADA920U	4.91E-04	-2.85E-03	4.68E-03	-3.67E-03	0.00E+00	0.00E+00	5.02E-01	-1.67E-04	1.54E-03	-4.78E-04	0.00E+00	0.00E+00	-7.91E-01	-1.23E-01	4.02E-03	-4.13E-01	0.00E+00	0.00E+00	1.91E-01	0.00E+00	2.37E-01	0.00E+00	4.86E-01	-4.14E-01	-3.07E-04	0.00E+00	-7.17E-03	0.00E+00	2.37E-01	-4.68E-03	2.37E-01	-3.26E-01	-1.17E-03	0.00E+00	0.00E+00	0.00E+00	-3.67E-03
	ADA925G	-2.49E-02	6.86E-03	1.62E-01	1.62E-01	0.00E+00	0.00E+00	-1.61E-03	1.61E-03	1.61E-03	0.00E+00	0.00E+00	-5.98E-01	-1.80E-01	5.98E-03	1.28E-01	0.00E+00	0.00E+00	3.88E-01	0.00E+00	7.81E-01	0.00E+00	1.19E-01	7.79E-01	2.66E-04	0.00E+00	3.81E-02	0.00E+00	7.81E-01	-4.44E-01	7.81E-01	8.26E-01	3.81E-02	0.00E+00	0.00E+00	0.00E+00	1.14E-01	
	ADA925H	-5.67E-04	1.64E-01	5.83E-03	1.58E-01	0.00E+00	0.00E+00	3.98E-01	3.11E-04	1.63E-03	-1.43E-04	0.00E+00	0.00E+00	-8.71E-01	-1.77E-01	1.18E-03	7.84E-02	0.00E+00	0.00E+00	-3.13E-03	0.00E+00	6.88E-01	0.00E+00	1.02E-01	-4.02E-01	-1.97E-04	0.00E+00	7.79E-03	0.00E+00	6.88E-01	-1.17E-03	6.88E-01	7.47E-01	7.79E-03	0.00E+00	0.00E+00	0.00E+00	-7.88E-03
	ADA932H	-3.89E-02	-2.31E-01	-4.86E-03	-2.26E-01	0.00E+00	0.00E+00	-8.58E-01	-2.94E-02	-1.87E-03	-2.14E-02	0.00E+00	0.00E+00	-4.77E-01	-4.94E-01	-2.32E-03	3.93E+00	0.00E+00	0.00E+00	-4.93E-01	0.00E+00	-2.18E-01	0.00E+00	-8.77E-01	-4.98E-01	-6.18E-03	0.00E+00	-7.42E-01	0.00E+00	-2.18E-01	-1.13E-04	-2.18E-01	-7.42E-01	-1.86E-01	0.00E+00	0.00E+00	0.00E+00	-3.02E-02
	ADA960D	4.18E-03	6.94E-03	1.94E-03	1.94E-03	0.00E+00	0.00E+00	6.92E-01	-2.94E-04	1.19E-03	2.74E-04	0.00E+00	0.00E+00	-4.62E-01	-1.42E-01	5.94E-03	3.86E-01	0.00E+00	0.00E+00	1.34E-01	0.00E+00	1.93E-01	0.00E+00	1.31E-01	-1.02E-01	-7.18E-03	0.00E+00	6.12E-01	0.00E+00	1.93E-01	-1.02E-01	1.93E-01	1.31E-01	-1.02E-01	0.00E+00	0.00E+00	0.00E+00	-2.06E-03
	ADA960G	-2.19E-02	-3.29E-01	-4.30E-03	-3.23E-01	0.00E+00	0.00E+00	-5.61E-01	-2.14E-02	-1.97E-03	-1.33E-02	0.00E+00	0.00E+00	-3.93E-01	-2.93E-01	-1.84E-02	2.83E+00	0.00E+00	0.00E+00	-5.18E-01	0.00E+00	-3.38E-01	0.00E+00	-1.98E-01	-4.23E-01	-4.12E-03	0.00E+00	-7.09E-01	0.00E+00	-3.38E-01	-8.55E-03	-3.38E-01	-4.09E-01	-7.09E-01	0.00E+00	0.00E+00	0.00E+00	-2.18E-02
	ADA963C	-2.17E-02	-3.64E-01	-5.91E-03	-2.88E-01	0.00E+00	0.00E+00	-5.53E-01	-2.15E-02	-4.93E-04	-1.33E-02	0.00E+00	0.00E+00	-3.18E-01	-2.48E-01	-4.58E-03	2.78E+00	0.00E+00	0.00E+00	-4.94E-01	0.00E+00	-3.25E-01	0.00E+00	-1.42E-01	-4.10E-01	-4.07E-03	0.00E+00	-4.16E-01	0.00E+00	-3.25E-01	-3.25E-01	-3.25E-01	-4.10E-01	0.00E+00	0.00E+00	0.00E+00	-2.97E-03	
	ADA966G	-1.88E-02	2.32E-01	-3.93E-03	-2.30E-01	0.00E+00	0.00E+00	-4.47E-01	-1.13E-02	-7.72E-04	-1.13E-02	0.00E+00	0.00E+00	-3.19E-01	-2.16E-01	-1.52E-02	2.23E+00	0.00E+00	0.00E+00	-4.09E-01	0.00E+00	-2.26E-01	0.00E+00	-9.06E-01	-4.24E-01	-3.42E-03	0.00E+00	-5.43E-01	0.00E+00	-2.26E-01	-5.55E-03	-2.26E-01	-2.80E-01	-5.43E-01	0.00E+00	0.00E+00	0.00E+00	-1.73E-02
	ADA970D	-2.49E-02	-4.56E-03	-2.36E-01	-2.36E-01	0.00E+00	0.00E+00	-6.30E+00	-2.77E-02	-1.34E-03	-1.58E-02	0.00E+00	0.00E+00	-3.72E-01	-3.72E-01	-4.24E-03	1.14E+00	0.00E+00	0.00E+00	-5.41E-01	0.00E+00	-2.29E-01	0.00E+00	-9.26E-01	-4.42E-01	-4.57E-03	0.00E+00	-7.01E-01	0.00E+00	-2.29E-01	-2.29E-01	-2.29E-01	-4.42E-01	0.00E+00	0.00E+00	0.00E+00	-2.29E-01	
	ADA970G	-2.49E-02	-2.55E-01	-4.85E-03	-2.48E-01	0.00E+00	0.00E+00	-5.96E-01	-2.93E-02	-9.54E-04	-1.45E-02	0.00E+00	0.00E+00	-3.84E-01	-2.85E-01	-3.95E-03	2.85E+00	0.00E+00	0.00E+00	-5.07E-01	0.00E+00	-2.45E-01	0.00E+00	-1.10E-01	-3.23E-01	-4.31E-03	0.00E+00	-6.05E-01	0.00E+00	-2.45E-01	-7.27E-03	-2.45E-01	-3.09E-01	-6.05E-01	0.00E+00	0.00E+00	0.00E+00	-2.18E-02
	ADA975G	-2.89E-02	-1.62E-01	-5.14E-03	-1.56E-01	0.00E+00	0.00E+00	-7.17E-01	-2.85E-02	-1.34E-03	-1.58E-02	0.00E+00	0.00E+00	-4.58E-01	-3.33E-01	-1.73E-02	2.78E+00	0.00E+00	0.00E+00	-4.23E-01	0.00E+00	-2.16E-01	0.00E+00	-1.23E-01	-4.11E-01	-4.62E-03	0.00E+00	-7.33E-01	0.00E+00	-3.18E-01	-8.55E-03	-3.18E-01	-2.74E-01	-7.33E-01	0.00E+00	0.00E+00	0.00E+00	-2.85E-02
	ADA990U	-3.43E-02	-2.17E-01	-4.42E-03	-2.13E-01	0.00E+00	0.00E+00	-7.51E-01	-3.44E-02	-1.48E-03	-1.93E-02	0.00E+00	0.00E+00	-4.22E-01	-4.33E-01	-1.45E-02	3.53E+00	0.00E+00	0.00E+00	-4.30E-01	0.00E+00	-1.98E-01	0.00E+00	-7.36E-01	-4.25E-01	-5.42E-03	0.00E+00	-7.42E-01	0.00E+00	-1.98E-01	-9.92E-03	-1.98E-01	-2.74E-01	-7.42E-01	0.00E+00	0.00E+00	0.00E+00	-2.73E-02
	ADB406U	4.18E-03	2.36E-03	1.91E-03	1.91E-03	0.00E+00	0.00E+00	6.92E-01	-2.94E-04	1.19E-03	2.74E-04	0.00E+00	0.00E+00	-4.62E-01	-1.42E-01	5.94E-03	3.86E-01	0.00E+00	0.00E+00	1.34E-01	0.00E+00	1.93E-01	0.00E+00	1.31E-01	-1.02E-01	-7.18E-03	0.00E+00	6.12E-01	0.00E+00	1.93E-01	-1.02E-01	1.93E-01	1.31E-01	-1.02E-01	0.00E+00	0.00E+00	0.00E+00	-2.06E-03
	ADB410U	6.28E-04	4.52E-02	3.86E-03	4.14E-02	0.00E+00	0.00E+00	1.02E+00	-1.02E-02	4.47E-04	9.02E-04	0.00E+00	0.00E+00	1.38E-01	4.94E-01	-4.69E-01	-7.09E-01	0.00E+00	0.00E+00	3.44E-01	0.00E+00	9.02E-01	0.00E+00	8.26E-01	2.98E-01	1.67E-04	0.00E+00	-7.32E-02	0.00E+00	9.02E-01	-2.49E-01	9.02E-01	8.77E-01	-7.32E-02	0.00E+00	0.00E+00	0.00E+00	1.95E-01
	ADB416U	-7.52E-03	3.04E-03	-1.53E-03	-1.51E-03	0.00E+00	0.00E+00	-1.95E-01	-7.58E-04	-3.85E-04	-3.91E-03	0.00E+00	0.00E+00	-1.94E-01	-8.73E-01	-1.07E-02	4.04E-01	0.00E+00	0.00E+00	-2.13E-01	0.00E+00	-1.30E+00	0.00E+00	-2.42E-01	-2.05E-01	-1.41E-03	0.00E+00	-2.03E-01	0.00E+00	-1.30E+00	-2.27E-03	-1.30E+00	-2.83E-01	0.00E+00	0.00E+00	0.00E+00	-6.98E-03	
	ADB420U	1.57E-03	2.26E-01	5.99E-02	2.24E-01	0.00E+00	0.00E+00	1.22E+00	2.14E-02	7.91E-04	2.02E-01	0.00E+00	0.00E+00	-2.14E-01	8.51E-01	-2.48E-01	-1.62E-01	0.00E+00	0.00E+00	7.71E-01	0.00E+00	3.00E-01	0.00E+00	1.36E-01	6.94E-01	5.93E-04	0.00E+00	2.86E-02	0.00E+00	1.32E+00	2.81E-02	1.52E+00	1.93E+00	2.86E-02	0.00E+00	0.00E+00	0.00E+00	2.77E-01
	ADB432U	-2.49E-02	-1.73E-03	-6.73E-03	-2.00E+00	0.00E+00	0.00E+00	-1.14E-01	-1.14E-01	-1.14E-01	-1.37E-03	0.00E+00	0.00E+00	-6.16E-01	-1.91E-01	-3.70E-03	4.06E-01	0.00E+00	0.00E+00	-3.80E-01	0.00E+00	-3.02E-01	0.00E+00	-3.81E-01	-3.00E-01	-4.06E-04	0.00E+00	-7.32E-02	0.00E+00	-3.81E-01	-3.70E-03	-3.81E-01	-4.07E-01	-7.32E-02	0.00E+00	0.00E+00	0.00E+00	-1.82E-03
	ADB440G	1.69E-03	1.93E-01	6.94E-03	1.44E-01	0.00E+00	0.00E+00	1.33E+00	2.89E-04	1.10E-03	1.33E-03	0.00E+00	0.00E+00	2.14E-01	1.29E-01	-2.24E-01	2.13E-01	0.00E+00	0.00E+00	3.99E-01	0.00E+00	2.98E-01	0.00E+00	1.75E-01	6.11E-01	5.13E-04	0.00E+00	1.11E-01	0.00E+00	2.98E-01	3.99E-01	2.98E-01	2.23E-01	1.11E-01	0.00E+00	0.00E+00	0.00E+00	3.99E-01
	ADB440U	-1.46E-02	1.42E-02	4.36E-04	1.37E-02	0.00E+00	0.00E+00	-2.84E-01	-1.17E-02	-5.97E-04	-7.26E-03	0.00E+00	0.00E+00	-1.78E-01	-1.78E-01	3.92E-03	3.47E+00	0.00E+00	0.00E+00	-2.20E-01	0.00E+00	4.50E-01	0.00E+00	6.98E-01	-2.23E-01	-2.07E-03	0.00E+00	-2.31E-01	0.00E+00	4.50E-01	-4.41E-03	4.50E-01	2.16E-01	-2.31E-01				

	ADM432T	2.83E-02	-2.18E-01	7.14E-03	-2.25E-01	0.00E+00	0.00E+00	7.43E-01	-1.05E-04	3.03E-03	-2.93E-01	0.00E+00	0.00E+00	-2.72E-02	2.43E-01	4.37E-03	-7.64E-01	0.00E+00	0.00E+00	-3.72E-01	0.00E+00	-1.38E+00	0.00E+00	1.13E-01	-1.81E-02	-1.59E-03	0.00E+00	-7.05E-02	0.00E+00	-1.38E+00	-5.89E-02	-1.33E+00	-1.43E+00	-7.05E-02	0.00E+00	0.00E+00	0.00E+00	-2.25E-01				
	ADM440G	5.88E-01	5.91E-01	2.08E-02	5.71E-01	0.00E+00	0.00E+00	4.40E+00	8.00E-02	3.84E-03	5.43E-03	0.00E+00	0.00E+00	8.00E-01	4.38E-01	2.41E-03	5.66E-02	0.00E+00	0.00E+00	3.22E-01	0.00E+00	5.17E+00	0.00E+00	4.43E-01	2.13E-01	1.58E-03	0.00E+00	3.07E-01	0.00E+00	5.17E+00	8.69E-07	5.17E+00	5.48E+00	3.37E-01	0.00E+00	0.00E+00	0.00E+00	1.18E+02				
	ADM440T	4.64E-02	-2.54E-01	-3.82E-03	-2.55E-01	0.00E+00	0.00E+00	-1.04E+01	-3.82E-02	-2.16E-03	-2.71E-02	0.00E+00	0.00E+00	-6.32E-01	-8.88E-07	1.26E-03	5.01E+00	0.00E+00	0.00E+00	-8.41E-01	0.00E+00	-2.12E+00	0.00E+00	-6.32E-01	-8.88E-07	-7.84E-03	0.00E+00	-6.18E-01	0.00E+00	-2.12E+00	-1.43E-04	-2.12E+00	-3.00E+00	-9.18E-01	0.00E+00	0.00E+00	0.00E+00	-3.73E+02				
	ADM456G	-1.44E-01	-0.94E-03	-1.40E-01	-2.23E-01	0.00E+00	0.00E+00	-1.55E+01	-6.70E-02	0.00E+00	0.00E+00	-6.70E-02	0.00E+00	-6.70E-02	-7.78E-02	-3.76E-03	3.94E+00	0.00E+00	0.00E+00	-1.28E+01	-3.20E-01	-5.97E-03	0.00E+00	-6.32E-01	-8.88E-07	-7.84E-03	0.00E+00	-1.34E+00	0.00E+00	-5.97E-03	-1.34E+00	-3.00E+00	-1.34E+00	-3.00E+00	0.00E+00	0.00E+00	0.00E+00	-5.48E+02				
	ADM460C	5.00E-03	1.98E-01	1.80E-02	1.81E-01	0.00E+00	0.00E+00	3.00E+00	8.00E-01	3.30E-03	2.32E-03	0.00E+00	0.00E+00	8.42E-01	3.38E+00	4.34E-03	1.18E+00	0.00E+00	0.00E+00	2.02E+00	0.00E+00	3.38E+00	0.00E+00	2.94E+00	1.38E+00	8.08E-04	0.00E+00	5.03E-02	0.00E+00	3.38E+00	5.81E-07	3.38E+00	3.64E+00	5.03E-02	0.00E+00	0.00E+00	0.00E+00	9.78E+03				
	ADM460G	4.98E-02	-3.26E-01	-5.76E-01	-2.23E-01	0.00E+00	0.00E+00	-1.08E+01	-4.21E-02	-2.15E-03	-2.76E-02	0.00E+00	0.00E+00	-6.42E-01	-5.76E-01	-2.15E-03	3.38E+00	0.00E+00	0.00E+00	-8.78E-01	0.00E+00	-2.88E+00	0.00E+00	-1.08E+01	-4.21E-02	-7.97E-03	0.00E+00	-1.02E+00	0.00E+00	-2.88E+00	-1.44E-04	-2.88E+00	-2.88E+00	-1.02E+00	0.00E+00	0.00E+00	0.00E+00	-3.02E+02				
	ADM460QC	4.63E-02	-2.14E-01	4.73E-03	-2.15E-01	0.00E+00	0.00E+00	-1.05E+01	-4.38E-02	-2.04E-03	-2.65E-02	0.00E+00	0.00E+00	-6.32E-01	-5.76E-01	-2.02E-03	3.18E+00	0.00E+00	0.00E+00	-8.22E-01	0.00E+00	-2.88E+00	0.00E+00	-1.05E+01	-4.38E-02	-7.97E-03	0.00E+00	-6.05E-01	0.00E+00	-2.88E+00	-1.43E-04	-2.88E+00	-2.88E+00	-1.05E+00	0.00E+00	0.00E+00	0.00E+00	-3.02E+02				
	ADM463C	-1.51E-02	-1.74E-01	-1.46E-02	-7.18E-01	0.00E+00	0.00E+00	-1.32E+01	-6.07E-02	-3.46E-03	-3.10E-02	0.00E+00	0.00E+00	-6.19E+00	-5.76E-01	-3.76E-02	6.00E+00	0.00E+00	0.00E+00	-1.27E+01	0.00E+00	-7.58E+00	0.00E+00	-1.52E+00	-3.21E-02	-6.69E-03	0.00E+00	-1.34E+00	0.00E+00	-7.58E+00	-1.44E+00	-6.11E+00	-1.34E+00	-3.21E-02	0.00E+00	0.00E+00	0.00E+00	-6.18E+02				
	ADM463QC	4.63E-02	1.33E-01	-1.02E-03	1.34E-01	0.00E+00	0.00E+00	-1.00E+01	-4.38E-02	-1.80E-03	-2.36E-02	0.00E+00	0.00E+00	-6.72E-01	-5.76E-01	-1.18E-03	4.97E+00	0.00E+00	0.00E+00	-7.87E-01	0.00E+00	-2.62E+00	0.00E+00	-1.02E+00	-3.21E-02	-6.69E-03	0.00E+00	-6.05E-01	0.00E+00	-2.62E+00	-1.43E-04	-2.62E+00	-2.62E+00	-1.02E+00	0.00E+00	0.00E+00	0.00E+00	-3.68E+02				
	ADM466C	4.63E-03	2.37E-01	1.79E-02	2.20E-01	0.00E+00	0.00E+00	3.82E+00	-1.24E-02	3.34E-03	2.41E-03	0.00E+00	0.00E+00	4.03E-01	3.38E+00	4.82E-03	8.11E-01	0.00E+00	0.00E+00	2.37E+00	0.00E+00	3.84E+00	0.00E+00	3.23E+00	1.37E+00	8.08E-04	0.00E+00	8.74E-02	0.00E+00	3.84E+00	-1.18E-05	3.84E+00	3.33E+00	8.74E-02	0.00E+00	0.00E+00	0.00E+00	8.48E+03				
	ADM466G	2.93E-02	-6.80E-01	8.86E-03	-2.42E-01	0.00E+00	0.00E+00	6.52E+00	-3.18E-02	-1.94E-03	-2.28E-03	0.00E+00	0.00E+00	-7.76E-01	-1.98E-01	-6.56E-03	3.18E+00	0.00E+00	0.00E+00	-1.88E+01	0.00E+00	-5.97E-03	0.00E+00	-1.02E+00	-3.21E-02	-6.69E-03	0.00E+00	-1.44E+00	0.00E+00	-5.97E-03	-1.44E+00	-3.00E+00	-1.44E+00	-3.21E-02	0.00E+00	0.00E+00	0.00E+00	-2.18E+03				
	ADM466H	-4.83E-02	1.23E-01	-1.88E-04	1.24E-01	0.00E+00	0.00E+00	-9.64E+00	-4.99E-02	-1.83E-03	-2.38E-02	0.00E+00	0.00E+00	-5.88E-01	-5.76E-01	-1.58E-02	3.38E+00	0.00E+00	0.00E+00	-7.97E-01	0.00E+00	-2.88E+00	0.00E+00	-1.02E+00	-3.21E-02	-6.69E-03	0.00E+00	-8.62E+00	-9.64E-01	-9.64E-03	0.00E+00	-8.21E-01	0.00E+00	-9.65E-01	-1.43E-04	-9.65E-01	-1.43E+00	-9.21E-01	0.00E+00	0.00E+00	0.00E+00	-3.32E+02
	ADM469QC	4.98E-02	-2.62E-01	-3.75E-03	-2.63E-01	0.00E+00	0.00E+00	-1.03E+01	-5.02E-02	-2.11E-03	-2.71E-02	0.00E+00	0.00E+00	-6.34E-01	-5.02E-01	-2.17E-03	3.26E+00	0.00E+00	0.00E+00	-8.30E-01	0.00E+00	-2.88E+00	0.00E+00	-1.02E+00	-3.21E-02	-6.69E-03	0.00E+00	-1.38E+00	0.00E+00	-2.88E+00	-1.43E-04	-2.88E+00	-2.88E+00	-1.02E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.71E+02			
	ADM470C	5.14E-03	2.26E-01	1.81E-02	2.28E-01	0.00E+00	0.00E+00	4.00E+00	1.77E-01	3.38E-03	2.80E-03	0.00E+00	0.00E+00	7.20E-01	3.38E+00	-2.22E-03	-1.07E+00	0.00E+00	0.00E+00	2.94E+00	0.00E+00	4.05E+00	0.00E+00	3.28E+00	1.54E+00	9.38E-04	0.00E+00	8.92E-02	0.00E+00	4.05E+00	8.92E-07	4.05E+00	4.13E+00	9.32E-02	0.00E+00	0.00E+00	0.00E+00	1.08E+02				
	ADM470G	5.46E-02	-1.74E-01	-0.94E-03	-2.61E-01	0.00E+00	0.00E+00	-1.23E+01	-4.21E-02	-2.17E-03	-2.77E-02	0.00E+00	0.00E+00	-6.32E-01	-5.76E-01	-2.17E-03	3.38E+00	0.00E+00	0.00E+00	-1.05E+01	0.00E+00	-7.58E+00	0.00E+00	-1.44E+00	-3.21E-02	-6.69E-03	0.00E+00	-1.27E+00	0.00E+00	-7.58E+00	-1.44E+00	-3.00E+00	-1.44E+00	-3.21E-02	0.00E+00	0.00E+00	0.00E+00	-4.54E+02				
	ADM470H	3.39E-03	2.32E-01	1.10E-02	2.21E-01	0.00E+00	0.00E+00	1.54E+00	4.32E-02	3.30E-03	1.83E-03	0.00E+00	0.00E+00	-2.18E-01	2.78E+00	1.14E-03	5.88E-01	0.00E+00	0.00E+00	1.93E-01	0.00E+00	5.88E-01	0.00E+00	1.76E+00	9.87E+00	-1.53E+00	0.00E+00	1.87E-01	0.00E+00	5.88E-01	-4.89E-05	5.88E-01	8.85E-01	1.87E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.14E+02			
	ADM475C	2.48E-02	-1.98E-01	7.19E-02	-2.05E-01	0.00E+00	0.00E+00	7.00E-01	-1.41E-02	2.99E-03	-2.07E-02	0.00E+00	0.00E+00	-2.57E-01	1.98E+00	4.32E-03	7.10E-01	0.00E+00	0.00E+00	-3.12E-01	0.00E+00	-1.26E+00	0.00E+00	1.78E+00	-1.70E+00	-1.02E-02	0.00E+00	-6.44E-02	0.00E+00	-1.26E+00	-8.69E-06	-1.26E+00	-1.27E+00	-4.44E-02	0.00E+00	0.00E+00	0.00E+00	-1.95E+03				
	ADM475G	5.83E-03	5.54E-01	1.94E-02	5.35E-01	0.00E+00	0.00E+00	4.10E+00	6.99E-02	3.60E-03	5.13E-02	0.00E+00	0.00E+00	5.17E-01	4.30E+00	2.35E-03	8.03E-02	0.00E+00	0.00E+00	3.00E+00	0.00E+00	5.07E+00	0.00E+00	4.38E+00	2.09E+00	1.91E-03	0.00E+00	3.60E-01	0.00E+00	5.07E+00	3.55E-07	5.07E+00	5.07E+00	3.60E-01	0.00E+00	0.00E+00	0.00E+00	1.07E+02				
	ADM475H	2.93E-02	6.80E-03	5.79E-03	6.81E-03	0.00E+00	0.00E+00	6.52E+00	-3.18E-02	-1.94E-03	-2.28E-03	0.00E+00	0.00E+00	-7.76E-01	-1.98E-01	-6.56E-03	3.18E+00	0.00E+00	0.00E+00	-1.88E+01	0.00E+00	-5.97E-03	0.00E+00	-1.02E+00	-3.21E-02	-6.69E-03	0.00E+00	-1.44E+00	0.00E+00	-5.97E-03	-1.44E+00	-3.00E+00	-1.44E+00	-3.21E-02	0.00E+00	0.00E+00	0.00E+00	-2.18E+03				
	ADM482C	-4.81E-02	1.51E-01	3.48E-02	1.51E-01	0.00E+00	0.00E+00	-9.61E+00	-4.94E-02	-1.78E-03	-2.32E-02	0.00E+00	0.00E+00	-5.80E-01	-5.72E-01	-7.78E-03	3.38E+00	0.00E+00	0.00E+00	-7.92E-01	0.00E+00	-2.88E+00	0.00E+00	-1.02E+00	-3.21E-02	-6.69E-03	0.00E+00	-8.62E+00	-7.88E-01	-8.62E-03	0.00E+00	-8.26E-01	0.00E+00	-8.65E-01	0.00E+00	0.00E+00	0.00E+00	-3.21E+02				
	ADM482G	-4.88E-02	8.72E-02	-4.95E-04	8.80E-02	0.00E+00	0.00E+00	-9.67E+00	-4.98E-02	-1.88E-03	-2.42E-02	0.00E+00	0.00E+00	-5.82E-01	-5.77E-01	-1.61E-02	4.83E+00	0.00E+00	0.00E+00	-8.38E-01	0.00E+00	-2.82E+00	0.00E+00	7.38E+00	-4.25E+00	-7.02E-03	0.00E+00	-9.77E-01	0.00E+00	-8.82E-01	-1.44E-04	-8.82E-01	-1.44E+00	-8.77E-01	0.00E+00	0.00E+00	0.00E+00	-3.70E+02				
	ADM482H	-4.87E-02	-1.82E-01	-1.51E-03	-1.82E-01	0.00E+00	0.00E+00	-9.62E+00	-4.94E-02	-1.98E-03	-2.60E-02	0.00E+00	0.00E+00	-5.80E-01	-5.72E-01	-2.37E-02	3.63E+00	0.00E+00	0.00E+00	-7.77E-01	0.00E+00	-2.88E+00	0.00E+00	-1.02E+00	-3.21E-02	-6.69E-03	0.00E+00	-1.84E+00	0.00E+00	-2.88E+00	-1.44E+00	-3.00E+00	-1.44E+00	-3.21E-02	0.00E+00	0.00E+00	0.00E+00	-4.12E+02				
	ADM490C	3.18E-02	1.42E-01	9.96E-03	1.33E-01	0.00E+00	0.00E+00	4.76E+00	-1.24E-02	3.34E-03	2.41E-03	0.00E+00	0.00E+00	4.03E-01	3.38E+00	4.82E-03	8.11E-01	0.00E+00	0.00E+00	2.37E+00	0.00E+00	3.84E+00	0.00E+00	3.23E+00	1.37E+00	8.08E-04	0.00E+00	8.74E-02	0.00E+00	3.84E+00	-1.18E-05	3.84E+00	3.33E+00	8.74E-02	0.00E+00	0.00E+00	0.00E+00	8.48E+03				
	ADM490G	-4.87E-02	1.98E-01	1.11E-04	1.99E-01	0.00E+00	0.00E+00	-9.59E+00	-4.98E-02	-1.88E-03	-2.42E-02	0.00E+00	0.00E+00	-5.80E-01	-5.77E-01	-1.59E-02	-1.47E+00	0.00E+00	0.00E+00	-7.92E-01	0.00E+00	-2.88E+00	0.00E+00	-1.02E+00	-3.21E-02	-6.69E-03	0.00E+00	-8.62E+00	-4.12E+00	-8.62E-03	0.00E+00	-8.27E-01	0.00E+00	-8.65E-01	-1.43E-04	-8.65E-01	-1.43E+00	-9.27E-01	0.00E+00	0.00E+00	0.00E+00	-3.31E+02
	ADM490H	-5.00E-02	-3.73E-01	-5.80E-03	-3.67E-01	0.00E+00	0.00E+00	-1.06E+01	-5.07E-02	-2.16E-03	-2.80E-02	0.00E+00	0.00E+00	-6.40E-01	-5.07E-01	-2.37E-02	3.10E+00	0.00E+00	0.00E+00	-																						

	AFM466C	4.35E-01	1.48E-01	1.37E-02	1.33E-01	0.00E+00	0.00E+00	3.25E+00	-5.49E-02	3.27E-03	1.57E-03	0.00E+00	0.00E+00	3.36E-11	3.18E-08	1.89E-02	-1.24E+00	0.00E+00	0.00E+00	2.49E+00	0.00E+00	3.12E+00	0.00E+00	2.98E-08	9.17E-09	5.15E-04	0.00E+00	1.29E-01	0.00E+00	3.12E+00	-2.03E-08	3.12E+00	3.23E+00	1.26E-01	0.00E+00	0.00E+00	0.00E+00	8.84E+01
	AFM466G	-5.94E-02	-2.55E-01	-8.36E-03	-2.46E-01	0.00E+00	0.00E+00	-1.22E+01	-5.05E-02	-2.16E-03	-2.77E-02	0.00E+00	0.00E+00	-8.28E-09	-5.97E-07	-2.88E-02	-4.49E+00	0.00E+00	0.00E+00	-1.08E+01	0.00E+00	-5.18E+00	0.00E+00	-1.10E-07	-8.25E-07	-8.25E-03	0.00E+00	-1.17E+00	0.00E+00	-5.18E+00	-1.48E-04	-5.18E+00	-8.36E+00	-1.17E+00	0.00E+00	0.00E+00	-8.82E+02	
	AFM466H	3.35E-01	-1.31E-01	8.34E-03	-1.81E-01	0.00E+00	0.00E+00	1.42E+00	-7.91E-08	3.07E-03	-1.03E-03	0.00E+00	0.00E+00	-1.88E-09	2.79E-08	7.32E-03	-1.73E+00	0.00E+00	0.00E+00	4.45E-01	0.00E+00	-2.08E-01	0.00E+00	6.90E-08	-1.05E-08	-5.97E-04	0.00E+00	-1.44E-01	0.00E+00	-2.08E-01	-4.27E-05	-2.08E-01	-3.51E-01	-1.44E-01	0.00E+00	0.00E+00	0.00E+00	1.05E+01
	AFM470C	-5.05E-02	-2.02E-01	-9.36E-03	-2.82E-01	0.00E+00	0.00E+00	-1.24E+01	-5.05E-02	-2.16E-03	-2.82E-02	0.00E+00	0.00E+00	-8.65E-09	-5.88E-07	-2.73E-02	-5.78E+00	0.00E+00	0.00E+00	-1.10E+01	0.00E+00	-5.36E+00	0.00E+00	-2.00E-08	-1.10E-07	-8.94E-03	0.00E+00	-1.27E+00	0.00E+00	-5.36E+00	-1.48E-04	-5.36E+00	-8.66E+00	-1.27E+00	0.00E+00	0.00E+00	-4.74E+02	
	AFM470G	4.85E-01	4.91E-01	1.74E-02	4.73E-01	0.00E+00	0.00E+00	3.45E+00	-5.49E-02	3.46E-03	4.13E-03	0.00E+00	0.00E+00	-1.63E-10	3.18E-08	-1.64E-03	7.65E-01	0.00E+00	0.00E+00	1.92E+00	0.00E+00	3.80E+00	0.00E+00	3.89E-08	1.27E-08	1.08E-03	0.00E+00	2.91E-01	0.00E+00	3.80E+00	-2.25E-05	3.80E+00	4.03E+00	2.91E-01	0.00E+00	0.00E+00	0.00E+00	6.05E+01
	AFM475C	5.39E-01	5.11E-01	1.82E-02	4.92E-01	0.00E+00	0.00E+00	3.60E+00	-1.43E-02	3.54E-03	4.53E-03	0.00E+00	0.00E+00	1.43E-10	3.73E-08	-1.22E-03	8.36E-01	0.00E+00	0.00E+00	2.42E+00	0.00E+00	4.00E+00	0.00E+00	3.79E-08	1.48E-08	1.20E-03	0.00E+00	3.39E-01	0.00E+00	4.00E+00	-3.76E-07	4.00E+00	4.34E+00	3.39E-01	0.00E+00	0.00E+00	0.00E+00	8.73E+01
	AFM475G	5.28E-01	4.90E-01	1.73E-02	4.78E-01	0.00E+00	0.00E+00	3.49E+00	-1.52E-02	3.53E-03	4.30E-03	0.00E+00	0.00E+00	-1.21E-10	3.88E-08	-1.79E-03	1.91E+00	0.00E+00	0.00E+00	1.91E+00	0.00E+00	3.80E+00	0.00E+00	3.86E-08	1.30E-08	1.13E-03	0.00E+00	3.22E-01	0.00E+00	3.80E+00	-8.15E-07	3.80E+00	4.12E+00	3.22E-01	0.00E+00	0.00E+00	0.00E+00	6.78E+01
	AFM475H	-5.10E-02	-6.78E-01	-1.31E-02	-6.83E-01	0.00E+00	0.00E+00	-1.30E+01	-5.03E-02	-2.41E-03	-3.08E-02	0.00E+00	0.00E+00	-8.92E-09	-5.89E-07	-1.32E-02	-8.74E+00	0.00E+00	0.00E+00	-1.13E+01	0.00E+00	-7.05E+00	0.00E+00	-3.37E-08	-1.18E-07	-8.43E-03	0.00E+00	-1.47E+00	0.00E+00	-7.05E+00	-1.48E-04	-7.05E+00	-8.51E+00	-1.47E+00	0.00E+00	0.00E+00	0.00E+00	-8.82E+02
	AFM482C	-4.95E-02	-5.52E-01	-4.91E-03	-3.47E-01	0.00E+00	0.00E+00	-1.02E+01	-4.98E-02	-2.12E-03	-2.76E-02	0.00E+00	0.00E+00	-8.23E-09	-5.76E-07	-2.30E-02	-6.23E+00	0.00E+00	0.00E+00	-8.92E+00	0.00E+00	-2.89E+00	0.00E+00	-8.36E-08	-8.33E-08	-7.98E-03	0.00E+00	-1.24E+00	0.00E+00	-2.89E+00	-1.42E-04	-2.89E+00	-4.03E+00	-1.24E+00	0.00E+00	0.00E+00	0.00E+00	-3.94E+02
	AFM482G	2.27E-01	-2.18E-01	8.85E-03	-2.36E-01	0.00E+00	0.00E+00	6.36E-01	-1.43E-04	2.85E-03	-2.31E-03	0.00E+00	0.00E+00	-2.78E-09	1.91E-08	-1.85E-02	-8.94E-01	0.00E+00	0.00E+00	-8.28E-01	0.00E+00	-1.71E+00	0.00E+00	1.37E-08	-2.94E-08	-1.14E-03	0.00E+00	-2.08E-01	0.00E+00	-1.71E+00	-7.28E-05	-1.71E+00	-1.92E+00	-2.08E-01	0.00E+00	0.00E+00	0.00E+00	-3.88E+01
	AFM482H	3.92E-01	3.21E-01	1.10E-02	2.19E-01	0.00E+00	0.00E+00	1.91E+00	-8.70E-08	3.30E-03	1.94E-03	0.00E+00	0.00E+00	-2.27E-09	2.76E-08	1.13E-04	5.75E-01	0.00E+00	0.00E+00	1.54E-01	0.00E+00	9.88E-01	0.00E+00	1.72E-08	-8.71E-08	-8.71E-03	0.00E+00	1.83E-01	0.00E+00	5.86E-01	-8.84E-08	9.88E-01	7.81E-01	1.83E-01	0.00E+00	0.00E+00	0.00E+00	-4.88E+02
	AFM490C	3.80E-01	2.91E-01	1.17E-02	2.25E-01	0.00E+00	0.00E+00	1.52E+00	-1.28E-04	3.27E-03	1.49E-03	0.00E+00	0.00E+00	-2.07E-09	2.31E-08	1.18E-02	5.54E-01	0.00E+00	0.00E+00	5.13E-01	0.00E+00	7.77E-01	0.00E+00	1.80E-08	-8.13E-08	-7.97E-03	0.00E+00	2.17E-01	0.00E+00	7.77E-01	-8.86E-08	7.77E-01	9.94E-01	2.17E-01	0.00E+00	0.00E+00	0.00E+00	1.05E+01
	AFM490G	5.92E-01	2.37E-01	1.84E-02	2.19E-01	0.00E+00	0.00E+00	4.20E+00	8.02E-08	3.46E-03	2.88E-03	0.00E+00	0.00E+00	7.46E-10	4.91E-08	-1.66E-03	-8.97E-01	0.00E+00	0.00E+00	3.02E+00	0.00E+00	4.19E+00	0.00E+00	3.39E-08	1.86E-08	9.64E-04	0.00E+00	1.60E-01	0.00E+00	4.19E+00	7.34E-07	4.19E+00	4.32E+00	1.60E-01	0.00E+00	0.00E+00	0.00E+00	1.28E+02
	AFM466H	-4.88E-02	9.22E-02	-4.78E-04	9.27E-02	0.00E+00	0.00E+00	-9.68E+00	-4.99E-02	-1.89E-03	-2.43E-02	0.00E+00	0.00E+00	-5.08E-09	-5.75E-07	-1.83E-02	-9.91E+00	0.00E+00	0.00E+00	-8.03E+00	0.00E+00	-8.84E-01	0.00E+00	6.96E-08	-8.17E-08	-8.96E-03	0.00E+00	-9.77E-01	0.00E+00	-8.84E-01	-1.43E-04	-8.84E-01	-1.84E+00	-9.77E-01	0.00E+00	0.00E+00	0.00E+00	-3.05E+02
	AFP475H	2.87E-01	-1.27E-01	8.86E-03	-1.29E-01	0.00E+00	0.00E+00	1.25E+00	-1.19E-04	3.03E-03	-1.27E-03	0.00E+00	0.00E+00	-2.10E-09	2.28E-08	7.28E-03	8.78E-01	0.00E+00	0.00E+00	-8.68E-02	0.00E+00	-2.81E-01	0.00E+00	7.23E-08	-1.14E-08	8.71E-04	0.00E+00	-1.80E-02	0.00E+00	-2.81E-01	-8.68E-08	2.81E-01	-2.77E-01	-1.80E-02	0.00E+00	0.00E+00	0.00E+00	-1.97E+01
	AFP482H	-4.81E-02	1.34E-01	5.76E-04	1.33E-01	0.00E+00	0.00E+00	-8.42E+00	-4.94E-02	-1.79E-03	-2.36E-02	0.00E+00	0.00E+00	-5.62E-09	-5.72E-07	7.86E-03	-3.98E+00	0.00E+00	0.00E+00	-7.49E+00	0.00E+00	-1.73E-01	0.00E+00	9.96E-08	-7.79E-08	-6.89E-03	0.00E+00	-6.89E-01	0.00E+00	-1.73E-01	-1.42E-04	-1.73E-01	-8.36E-01	-6.89E-01	0.00E+00	0.00E+00	0.00E+00	-3.54E+02
	AFP490H	-4.87E-02	-1.78E-01	-1.38E-03	-1.73E-01	0.00E+00	0.00E+00	-8.60E+00	-4.94E-02	-1.88E-03	-2.60E-02	0.00E+00	0.00E+00	-6.86E-09	-6.72E-07	8.28E-03	-5.81E+00	0.00E+00	0.00E+00	-7.82E+00	0.00E+00	-1.88E+00	0.00E+00	8.11E-10	-8.31E-08	-7.41E-03	0.00E+00	-9.34E-01	0.00E+00	-1.88E+00	-1.42E-04	-1.88E+00	-3.07E-01	-9.34E-01	0.00E+00	0.00E+00	0.00E+00	-3.28E+02
	AFX416D	-5.10E-02	-3.86E-01	-1.16E-02	-3.79E-01	0.00E+00	0.00E+00	-1.29E+01	-5.07E-02	-2.27E-03	-2.89E-02	0.00E+00	0.00E+00	-8.93E-09	-5.95E-07	-3.26E-02	-4.78E+00	0.00E+00	0.00E+00	-1.13E+01	0.00E+00	-6.46E+00	0.00E+00	-2.92E-08	-1.16E-07	-9.00E-03	0.00E+00	-1.26E+00	0.00E+00	-6.46E+00	-1.49E-04	-6.46E+00	-7.78E+00	-1.26E+00	0.00E+00	0.00E+00	0.00E+00	-8.82E+02
	AFX420D	4.92E-01	1.98E-01	1.69E-02	1.83E-01	0.00E+00	0.00E+00	3.47E+00	-1.45E-02	3.35E-03	2.10E-03	0.00E+00	0.00E+00	1.06E-10	3.76E-08	1.81E-02	-1.02E+00	0.00E+00	0.00E+00	2.62E+00	0.00E+00	3.40E+00	0.00E+00	3.81E-08	1.10E-08	8.67E-04	0.00E+00	1.79E-01	0.00E+00	3.40E+00	-8.92E-07	3.40E+00	3.58E+00	1.79E-01	0.00E+00	0.00E+00	0.00E+00	9.30E+01
	AFX425D	2.68E-01	-2.18E-01	6.32E-03	-2.23E-01	0.00E+00	0.00E+00	7.03E-01	-1.02E-04	2.88E-03	-2.03E-03	0.00E+00	0.00E+00	-2.78E-09	2.42E-08	-1.87E-02	8.60E-01	0.00E+00	0.00E+00	-1.09E+00	0.00E+00	-1.69E+00	0.00E+00	1.32E-08	-1.93E-08	-1.02E-03	0.00E+00	-2.81E-01	0.00E+00	-1.09E+00	-9.91E-05	-1.09E+00	-1.69E+00	-2.81E-01	0.00E+00	0.00E+00	0.00E+00	-4.86E+01
	AFX432D	-5.94E-02	-3.30E-01	-1.02E-02	-3.20E-01	0.00E+00	0.00E+00	-1.24E+01	-5.04E-02	-2.16E-03	-2.82E-02	0.00E+00	0.00E+00	-8.71E-09	-5.85E-07	-1.72E-02	-5.56E+00	0.00E+00	0.00E+00	-1.13E+01	0.00E+00	-5.54E+00	0.00E+00	-2.11E-08	-1.10E-07	-8.78E-03	0.00E+00	-1.26E+00	0.00E+00	-5.54E+00	-1.46E-04	-5.54E+00	-8.78E+00	-1.26E+00	0.00E+00	0.00E+00	0.00E+00	-4.74E+02
	AFX440D	-4.92E-02	-3.18E-01	-4.05E-03	-3.14E-01	0.00E+00	0.00E+00	-1.02E+01	-4.98E-02	-2.12E-03	-2.73E-02	0.00E+00	0.00E+00	-8.31E-09	-5.75E-07	1.92E-04	-5.16E+00	0.00E+00	0.00E+00	-8.41E+00	0.00E+00	-2.43E+00	0.00E+00	-7.78E-08	-8.11E-08	-7.89E-03	0.00E+00	-1.09E+00	0.00E+00	-2.43E+00	-1.42E-04	-2.43E+00	-3.13E+00	-1.09E+00	0.00E+00	0.00E+00	0.00E+00	-3.89E+02
	AFX482D	-5.16E-02	-6.92E-01	-1.26E-02	-6.77E-01	0.00E+00	0.00E+00	-1.27E+01	-5.08E-02	-2.46E-03	-3.12E-02	0.00E+00	0.00E+00	-8.82E-09	-5.91E-07	-3.47E-02	-8.68E+00	0.00E+00	0.00E+00	-1.17E+01	0.00E+00	-8.86E+00	0.00E+00	-3.12E-08	-1.18E-07	-8.42E-03	0.00E+00	-1.58E+00	0.00E+00	-8.86E+00	-1.49E-04	-8.86E+00	-8.82E+00	-1.58E+00	0.00E+00	0.00E+00	0.00E+00	-8.37E+02
	AFX490D	-5.11E-02	-6.52E-01	-1.25E-02	-6.39E-01	0.00E+00	0.00E+00	-1.26E+01	-5.04E-02	-2.36E-03	-3.07E-02	0.00E+00	0.00E+00	-8.81E-09	-5.89E-07	-3.42E-02	-8.52E+00	0.00E+00	0.00E+00	-1.16E+01	0.00E+00	-8.73E+00	0.00E+00	-2.97E-08	-1.17E-07	-8.30E-03	0.00E+00	-1.56E+00	0.00E+00	-8.73E+00	-1.48E-04	-8.73E+00	-8.29E+00	-1.56E+00	0.00E+00	0.00E+00	0.00E+00	-8.95E+02
	VKS02SA	-2.91E-02	-2.28E-01	-3.91E-03	-2.20E-01	0.00E+00	0.00E+00	-4.80E+00	-2.02E-02	-7.46E-04	-1.20E-02	0.00E+00	0.00E+00	-3.31E-09	-2.33E-07	-2.92E-03	-2.33E+00	0.00E+00	0.00E+00	-4.10E+00	0.00E+00	-2.13E+00	0.00E+00	-8.94E-08	-4.38E-08	-3.58E-03	0.00E+00	-4.88E-01	0.00E+00	-2.13E+00								