

Product Environmental Profile

2-pole, 63A Modular Switch



Company information

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References covered

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

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
SBN263

Use scenario based on :
PSR product Category : PSR-0005-ed3.1-2023 12 08
3.6. Disconnectors

Functional unit

Turn off all or part of an installation by separating the installation or part of the installation of all electrical energy or earth, for safety reasons with a rated voltage 400V, and rated current 63A ensuring isolation characterised by a rated voltage 440V, according Low voltage 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	%
PA6	42.25	25.2%	Copper	28.97	17.3%	Cardboard	21.69	12.9%
PBT	5.86	3.5%	Steel	34.98	20.8%	Glass	15.29	9.1%
PE-LD	0.80	0.5%	Stainless steel	2.30	1.4%	Melamine cyanurate	6.06	3.6%
PC	0.76	0.5%	Aluminium	1.18	0.7%	Wood	3.99	2.4%
Ethylene propylene diene	0.24	0.1%	Silver	0.66	0.4%	Other	2.13	1.3%
PA66	0.19	0.1%	Other	0.51	0.3%			
Total mass of reference product with raw material packaging :			167.86 g					
Total mass of reference product (Product + packaging)			159.5 g					

System Boundaries

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

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

Manufacturing

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

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

Distribution

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

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

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

Installation

Installation processes

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

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

Installation elements (non delivered with the product)

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

Use

Power loss / load dependent			
Active mode		Inactive mode	
Watt	% of time	Watt	% of time
1.15	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	100%	0	0%	0	0%

This corresponds to a total energy consumption of 60.44 kWh for the use span of 20 years.

Energy model of the use phase :

Europe

Consumables and maintenance :

None

End of life

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

The recycling potential of the product is: 45%. 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 6.2.1-17 with the database version CODDE-2024-04 .

Indicators set : Indicators for PEF EF 3.1 (Compliance: PEP ed.4, EN15804+A2) v1.0

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.	1.49E-02	1.91E-04	6.38E-05	1.17E-01	2.74E-03	1.35E-01	-2.28E-02
Climate change - Total (PEF-GWP)	kg CO2 eq.	1.13E+00	2.82E-02	2.62E-02	2.13E+01	2.51E-01	2.27E+01	-2.01E-01
Climate change-Biogenic (PEF-GWPb)	kg CO2 eq.	-1.55E-02	0.00E+00	4.93E-03	3.92E-02	7.59E-03	3.62E-02	-3.93E-03
Climate change-Fossil (PEF-GWPI)	kg CO2 eq.	1.15E+00	2.82E-02	2.12E-02	2.13E+01	2.43E-01	2.27E+01	-1.97E-01
Climate change-Land use and land use change (PEF-GWPlu)	kg CO2 eq.	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-06	0.00E+00
Ecotoxicity, freshwater (PEF-CTUe)	CTUe	1.12E+03	1.85E-02	3.06E-01	4.02E+01	1.10E+00	1.16E+03	-3.72E+00
EF-particulate Matter (PEF-PM)	Incidence of diseases	8.69E-08	1.45E-09	3.52E-10	8.79E-07	7.44E-09	9.75E-07	-3.35E-08
Eutrophication, freshwater (PEF-Epf)	kg P eq.	1.78E-04	1.06E-08	2.91E-07	5.61E-05	1.91E-06	2.36E-04	-1.44E-03
Eutrophication, marine (PEF-Epm)	kg N eq.	9.27E-04	8.38E-05	2.82E-05	1.33E-02	1.09E-03	1.54E-02	-7.01E-04
Eutrophication, terrestrial (PEF-Ept)	mole of N eq.	1.04E-02	9.19E-04	1.75E-04	2.14E-01	2.18E-03	2.27E-01	-8.88E-03
Human toxicity, cancer (PEF-CTUh-c)	CTUh	1.19E-08	4.96E-13	2.34E-09	2.68E-09	1.83E-10	1.71E-08	-2.39E-09
Human toxicity, non-cancer (PEF-CTUh-nc)	CTUh	1.52E-07	9.60E-12	6.84E-11	6.40E-08	1.14E-08	2.28E-07	-1.68E-07
Ionising radiation, human health (PEF-IR)	kg Bq U235 eq.	1.62E+01	6.88E-05	3.16E-03	3.06E+01	7.31E-03	4.68E+01	-1.19E-02
Land use (PEF-LU)	No dimension	4.98E-01	0.00E+00	5.66E-05	5.90E-01	3.94E-01	1.48E+00	-2.36E+00
Ozone depletion (PEF-ODP)	kg CFC-11 eq.	8.27E-08	4.33E-11	2.72E-10	1.03E-07	1.38E-08	2.00E-07	-9.62E-09
Photochemical ozone formation - human health (PEF-POCP)	kg of NMVOC eq.	3.75E-03	2.32E-04	4.09E-05	4.18E-02	5.99E-04	4.65E-02	-2.66E-03
Resource use, fossils (PEF-ADPf)	MJ	2.96E+01	3.94E-01	2.01E-01	5.38E+02	1.65E+00	5.70E+02	-2.02E+00
Resource use, minerals and metals (PEF-ADPe)	kg Sb eq.	1.02E-03	1.11E-09	4.94E-10	7.54E-06	2.29E-07	1.03E-03	-4.22E-05
Water use (PEF-WU)	m3 eq.	7.50E-01	1.07E-04	1.58E-03	1.63E+00	3.33E+01	3.56E+01	-1.40E+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	1.75E-02	2.50E-06	3.69E-05	3.84E-02	9.20E-01	9.76E-01	-3.31E+00
Total primary energy	MJ	3.08E+01	3.94E-01	2.28E-01	6.80E+02	1.82E+00	7.13E+02	-2.55E+00
Total non renewable primary energy	MJ	2.96E+01	3.94E-01	2.01E-01	5.38E+02	1.65E+00	5.70E+02	-2.02E+00
Total renewable primary energy	MJ	1.17E+00	5.26E-04	2.69E-02	1.42E+02	1.70E-01	1.44E+02	-5.27E-01
Non renewable primary energy used as energy	MJ	2.79E+01	3.94E-01	2.01E-01	5.38E+02	1.65E+00	5.68E+02	-2.02E+00
Non renewable primary energy used as raw material	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
Renewable primary energy used as energy	MJ	7.01E-01	5.26E-04	2.69E-02	1.42E+02	1.70E-01	1.43E+02	-5.27E-01
Renewable primary energy used as raw material	MJ	4.66E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-01	0.00E+00
Use of renewable secondary fuels	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Use of secondary material	kg	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	8.18E+00	0.00E+00	5.17E-04	9.34E-01	-2.15E-04	9.11E+00	0.00E+00
Non hazardous waste disposed	kg	1.51E-01	9.91E-04	8.70E-03	3.60E+00	2.86E-03	3.76E+00	0.00E+00
Radioactive waste disposed	kg	7.82E-05	7.06E-07	1.04E-06	8.26E-04	8.59E-08	9.06E-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	1.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03	0.00E+00
Materials for energy recovery	kg	1.82E-03	0.00E+00	1.75E-03	0.00E+00	0.00E+00	3.56E-03	0.00E+00
Materials for recycling	kg	4.43E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-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	2.17E-02	7.46E-04	3.99E-03	2.64E-02
Biogenic carbon content (declared unit)	kg of C	6.07E-03	2.82E-04	1.58E-03	7.93E-03
Biogenic carbon content (functional unit)	kg of C	6.07E-03	2.82E-04	1.58E-03	7.93E-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

For each reference in this homogeneous family (see Appendix), the environmental impacts for each phase and indicator are either derived from life-cycle analysis (LCA), or extrapolated: for the use phase, based on power consumption, and for the other phases, based on material type and component weight.

Verification

Registration N°: HAGE-01377-V01.01-EN	Drafting Rules	PEP-PCR-ed4-2021 09 06
	Supplemented by	PSR-0005-ed3.1-2023 12 08
Verifier accreditation N°: VH35	Information and reference documents: www.pep-ecopassport.org	
Date of issue: 7-2025	Validity period:	5 years
Independent verification of the declaration and data, in compliance with ISO 14025 : 2006		
Internal • External ○		
The PCR review was conducted by a panel of experts chaired by Julie Orgelet (DDemain)		
PEPs are compliant with XP C08-100-1:2016 or EN 50693:2019		
The elements of the present PEP cannot be compared with elements from another program.		
Document in compliance with ISO 14025 : 2006 « Environmental labels and declarations. Type III environmental declarations »		



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

Manufacturing A1-A3	Manufacturing A1-A3																																						
	Acidification (PEF-AP) - [mole H+ eq.]	Climate change - Total (PEF-GWP) - [kg CO2 eq.]	Climate change-Biogenic (PEF-GWPb) - [kg CO2 eq.]	Climate change-Fossil (PEF-GWPF) - [kg CO2 eq.]	Climate change-Land use and land use change (PEF-GWPU) - [kg CO2 eq.]	Components for re-use - [kg]	Ecotoxicity, freshwater (PEF-CTUe) - [CTUe]	Eutrophication, freshwater (PEF-EpF) - [kg P eq.]	Eutrophication, marine (PEF-EpM) - [kg N eq.]	Eutrophication, terrestrial (PEF-EpT) - [mole of N eq.]	Exported energy - [MJ]	Hazardous waste disposed - [kg]	Human toxicity, cancer (PEF-CTUhc) - [CTUh]	Human toxicity, non-cancer (PEF-CTUn-c) - [CTUn]	Ionising radiation, human health (PEF-IR) - [Bq U235 eq.]	Land use (PEFLU)	Materials for energy recovery - [kg]	Materials for recycling - [kg]	Net use of fresh water - [m3]	Non hazardous waste disposed - [kg]	Non renewable primary energy used as energy - [MJ]	Non renewable primary energy used as raw material - [MJ]	Ozone depletion (PEF-ODP) - [kg CFC-11 eq.]	EF-particulate Matter (PEF-PM) - [Incidence of diseases]	Photochemical ozone formation - human health (PEF-POCP) - [kg of NMVOC eq.]	Radioactive waste disposed - [kg]	Renewable primary energy used as energy - [MJ]	Renewable primary energy used as raw material - [MJ]	Resource use, fossils (PEF-ADP) - [MJ]	Resource use, minerals and metals (PEF-ADPe) - [kg Sb eq.]	Total non renewable primary energy - [MJ]	Total primary energy - [MJ]	Total renewable primary energy - [MJ]	Use of non renewable secondary fuels - [MJ]	Use of renewable secondary fuels - [MJ]	Use of secondary material - [kg]	Water use (PEF-WU) - [m3 eq.]		
Manufacturing A1-A3	SBN263	1.46E-02	1.12E+00	-1.55E-02	1.15E+00	3.00E+00	1.12E+03	1.78E-04	9.27E-04	1.04E-02	1.34E-03	8.18E+00	1.18E-08	1.52E-07	1.62E+01	4.98E-01	1.82E-03	4.43E-02	1.75E-02	1.51E+00	2.75E+01	1.72E+00	8.27E-08	8.69E-08	3.75E-03	7.62E-05	7.01E-01	4.66E-01	2.96E+01	1.02E+00	2.96E+01	3.08E+01	1.17E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	7.50E-01	
	107184	1.71E-03	6.23E-01	-8.69E-03	6.31E-01	9.33E-07	0.00E+00	5.97E+02	4.83E-04	5.38E-03	6.62E-04	3.88E+00	9.38E-09	7.30E-08	6.94E+00	2.39E-01	9.03E-04	2.42E-02	8.66E-03	7.18E-02	1.54E+00	8.88E-01	4.07E-08	4.42E-08	1.95E-03	2.75E-05	3.72E-01	2.98E-01	1.62E+01	7.01E-04	1.62E+01	1.68E+01	5.77E-01	9.00E+00	9.00E+00	9.00E+00	9.00E+00	3.58E-01	
	107191	1.81E-03	3.26E+00	-2.08E-02	1.46E+00	1.62E-08	0.00E+00	1.27E+03	2.33E-04	1.95E-03	1.27E-02	1.52E-03	1.10E+01	1.68E-08	2.24E-07	2.03E+01	5.93E-01	2.28E-03	4.68E-02	2.27E-02	2.01E+00	3.32E+01	2.05E+00	5.61E-07	1.08E-07	9.38E-01	4.33E-01	3.23E+01	1.39E-03	3.32E+01	3.46E+01	1.57E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.26E-01		
	107207	2.02E-02	1.59E+00	-6.39E-03	1.59E+00	2.38E-05	0.00E+00	1.65E+03	2.43E-04	1.33E-03	1.45E-02	1.88E-02	1.08E+01	1.59E-08	1.98E-07	2.08E+01	6.79E-01	2.41E-03	5.91E-02	2.24E-02	2.21E+00	3.41E+01	2.35E+00	1.15E-07	1.26E-07	4.88E-03	9.68E-05	1.06E+00	5.93E-01	3.78E+01	1.37E-02	3.78E+01	3.95E+01	1.58E+00	9.00E+00	9.00E+00	9.00E+00	1.00E+00	
	107214	1.81E-03	1.37E+00	-2.08E-02	1.47E+00	1.62E-08	0.00E+00	1.27E+03	2.33E-04	1.95E-03	1.28E-02	1.52E-03	1.10E+01	1.68E-08	2.24E-07	2.03E+01	5.93E-01	2.28E-03	4.68E-02	2.27E-02	2.01E+00	3.32E+01	2.05E+00	5.62E-07	1.08E-07	9.38E-01	4.33E-01	3.23E+01	1.39E-03	3.32E+01	3.52E+01	1.57E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.31E-01		
	107399	1.51E-03	7.51E-01	-7.10E-02	7.59E-01	9.33E-07	0.00E+00	5.98E+02	4.77E-04	5.38E-03	6.31E-04	2.76E+00	6.25E-09	3.28E-08	5.28E+00	1.72E-01	9.03E-04	2.18E-02	6.59E-03	6.24E-02	1.53E+00	8.68E-01	2.36E-08	3.70E-08	1.88E-03	2.61E-05	3.55E-01	1.94E-01	1.62E+01	7.27E-04	1.62E+01	1.70E+01	5.58E-01	9.00E+00	9.00E+00	9.00E+00	9.00E+00	2.85E-01	
	107405	1.67E-03	1.49E+00	-1.45E-02	1.49E+00	3.00E+00	1.12E+03	1.78E-04	9.27E-04	1.04E-02	1.34E-03	5.54E+00	1.23E-08	1.58E-07	1.62E+01	4.98E-01	1.82E-03	4.43E-02	1.75E-02	1.51E+00	2.75E+01	1.72E+00	8.27E-08	8.69E-08	3.75E-03	7.62E-05	7.01E-01	4.66E-01	2.96E+01	1.02E+00	2.96E+01	3.08E+01	1.17E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	7.50E-01	
	107498	3.85E-03	6.42E-01	-8.26E-03	6.52E-01	9.33E-07	0.00E+00	5.98E+02	6.72E-04	4.76E-04	5.37E-03	6.59E-04	2.81E+00	6.21E-08	3.27E-08	5.44E+00	1.71E-01	9.00E-04	2.43E-02	6.81E-03	6.28E-02	1.53E+00	9.58E-01	3.74E-08	3.88E-08	1.92E-03	2.68E-05	3.72E-01	2.02E-01	1.62E+01	7.49E-04	1.62E+01	1.68E+01	5.77E-01	9.00E+00	9.00E+00	9.00E+00	9.00E+00	2.90E-01
	107764	2.50E-03	2.01E+00	-1.36E-02	1.98E+00	2.48E-05	0.00E+00	2.27E+03	3.01E-04	1.52E-03	1.65E-02	2.37E-03	1.44E+01	2.08E-08	2.42E-07	2.42E+01	9.65E-01	2.86E-03	7.94E-02	2.68E-02	2.63E+00	4.88E+01	2.05E+00	2.42E-07	1.46E-07	1.73E-03	1.26E-04	1.59E+00	6.07E-01	3.55E+01	2.13E-02	5.32E+01	2.46E+01	1.70E+00	9.00E+00	9.00E+00	9.00E+00	1.22E+00	
	108815	2.30E-02	2.18E+00	-1.57E-02	2.23E+00	2.55E-04	0.00E+00	2.24E+03	3.54E-04	1.77E-03	1.97E-02	2.59E-02	1.64E+01	2.32E-08	3.04E-07	3.04E+01	9.94E-01	3.51E-03	8.58E-02	3.45E-02	2.91E+00	5.27E+01	3.41E+00	2.56E-07	1.71E-07	7.27E-03	1.53E-04	1.36E+00	6.72E-01	6.52E+01	2.17E-02	5.62E+01	9.51E+01	2.05E+00	9.00E+00	9.00E+00	9.00E+00	1.46E+00	
	108822	4.03E-02	2.88E+00	-3.19E-02	2.82E+00	2.46E-05	0.00E+00	2.24E+03	4.01E-04	2.23E-02	2.38E-02	2.38E-02	1.65E+01	2.72E-08	4.46E-07	4.46E+01	1.19E+00	3.19E-03	1.01E-01	4.37E-02	4.54E+00	6.85E+00	4.06E+00	3.26E-07	2.22E-07	3.35E-03	1.95E-04	2.01E+00	1.02E+00	1.18E+01	2.42E-02	7.12E+01	7.07E+01	3.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.65E+00
	108839	4.03E-02	2.88E+00	-3.19E-02	2.82E+00	2.46E-05	0.00E+00	2.24E+03	4.01E-04	2.23E-02	2.38E-02	2.42E-02	1.65E+01	2.72E-08	4.46E-07	4.46E+01	1.19E+00	3.19E-03	1.01E-01	4.37E-02	4.54E+00	6.85E+00	4.06E+00	3.26E-07	2.22E-07	3.35E-03	1.95E-04	2.01E+00	1.02E+00	1.18E+01	2.42E-02	7.12E+01	7.07E+01	3.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.65E+00
	SA240	2.02E-02	2.25E+00	-2.16E-02	2.27E+00	2.58E-05	0.00E+00	1.08E+03	1.98E-04	1.98E-02	1.73E-02	2.02E-02	9.92E+00	1.08E-07	2.11E-07	3.02E+01	5.17E-01	3.77E-03	6.32E-02	2.91E-02	2.83E+00	3.22E+01	2.47E+00	4.68E-08	1.51E-07	6.21E-03	1.28E-04	1.42E+00	6.79E-01	6.57E+01	4.92E-02	5.57E+01	9.78E+01	2.15E+00	9.00E+00	9.00E+00	9.00E+00	1.08E+00	
	SA263	2.02E-02	2.25E+00	-2.16E-02	2.27E+00	2.58E-05	0.00E+00	1.08E+03	1.98E-04	1.98E-02	1.73E-02	2.02E-02	9.92E+00	1.08E-07	2.11E-07	3.02E+01	5.17E-01	3.77E-03	6.32E-02	2.91E-02	2.83E+00	3.22E+01	2.47E+00	4.68E-08	1.51E-07	6.21E-03	1.28E-04	1.42E+00	6.79E-01	6.57E+01	4.92E-02	5.57E+01	9.78E+01	2.15E+00	9.00E+00	9.00E+00	9.00E+00	1.08E+00	
	SA280	2.11E-02	2.24E+00	-1.98E-02	2.24E+00	2.54E-05	0.00E+00	1.15E+03	2.34E-04	1.64E-02	1.83E-02	2.12E-02	1.07E+01	1.97E-08	2.38E-07	3.01E+01	5.76E-01	3.87E-03	6.73E-02	2.78E-02	2.93E+00	3.02E+01	2.59E+00	5.99E-08	1.63E-07	6.78E-03	1.35E-04	1.42E+00	6.79E-01	6.57E+01	4.92E-02	5.57E+01	9.78E+01	2.15E+00	9.00E+00	9.00E+00	9.00E+00	1.10E+00	
	SA440	3.52E-02	3.75E+00	-4.02E-02	3.77E+00	5.33E-04	0.00E+00	1.53E+03	3.41E-04	2.42E-03	2.61E-02	3.44E-03	1.93E+01	1.68E-07	3.84E-07	4.68E+01	9.26E-01	4.66E-03	1.26E-01	4.52E-02	4.23E+00	8.83E+01	3.50E+00	1.18E-07	2.84E-07	9.99E-03	1.97E-04	1.50E+00	1.24E+00	3.18E+01	5.48E-02	5.32E+01	9.50E+01	3.16E+00	9.00E+00	9.00E+00	9.00E+00	1.94E+00	
	SA463	3.52E-02	3.75E+00	-4.02E-02	3.77E+00	5.33E-04	0.00E+00	1.53E+03	3.41E-04	2.42E-03	2.61E-02	3.44E-03	1.93E+01	1.68E-07	3.84E-07	4.68E+01	9.26E-01	4.66E-03	1.26E-01	4.52E-02	4.23E+00	8.83E+01	3.50E+00	1.18E-07	2.84E-07	9.99E-03	1.97E-04	1.50E+00	1.24E+00	3.18E+01	5.48E-02	5.32E+01	9.50E+01	3.16E+00	9.00E+00	9.00E+00	9.00E+00	1.94E+00	
	SA480	3.52E-02	3.75E+00	-4.02E-02	3.77E+00	5.33E-04	0.00E+00	1.53E+03	3.41E-04	2.42E-03	2.61E-02	3.44E-03	1.93E+01	1.68E-07	3.84E-07	4.68E+01	9.26E-01	4.66E-03	1.26E-01	4.52E-02	4.23E+00	8.83E+01	3.50E+00	1.18E-07	2.84E-07	9.99E-03	1.97E-04	1.50E+00	1.24E+00	3.18E+01	5.48E-02	5.32E+01	9.50E+01	3.16E+00	9.00E+00	9.00E+00	9.00E+00	1.94E+00	
	SBB116	1.19E-02	8.66E-01	-2.01E-02	9.48E-01	1.03E-04	0.00E+00	5.67E+02	1.08E-04	6.76E-04	9.07E-03	1.39E-02	6.00E+00	3.27E-09	1.16E-07	1.19E+01	2.31E-01	1.21E-03	3.99E-02	1.36E-02	1.02E+00	1.91E+00	1.62E+00	6.49E-08	2.86E-08	2.94E-04	5.62E-01	3.14E-02	2.24E+01	1.19E-02	2.24E+01	2.71E+01	1.03E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	6.22E-01	
	SBB125	5.67E-03	5.64E-01	-1.91E-02	6.52E-01	5.00E-07	0.00E+00	4.90E+02	4.58E-04	5.48E-03	6.24E-04	3.84E+00	1.23E-08	3.28E-08	2.40E+00	6.60E-01																							

SBN416P	1.438+0	1.125+0	-1.838+0	1.428+0	1.628+0	0.008+0	1.088+0	1.788+0	1.118+0	1.238+0	1.438+0	7.018+0	1.138+0	1.488+0	1.488+0	4.288+0	2.118+0	5.018+0	1.828+0	2.218+0	3.388+0	2.078+0	8.918+0	9.128+0	4.688+0	9.808+0	8.348+0	1.448+0	3.528+0	1.558+0	3.528+0	3.628+0	1.358+0	0.008+0	0.008+0	7.688+0	
SBN425	1.448+0	1.388+0	-2.128+0	1.488+0	1.638+0	0.008+0	1.088+0	1.788+0	1.158+0	1.258+0	1.488+0	7.628+0	1.488+0	1.488+0	1.528+0	4.288+0	2.168+0	5.038+0	1.838+0	2.238+0	3.418+0	2.088+0	9.188+0	9.258+0	4.818+0	1.078+0	8.868+0	1.528+0	3.588+0	1.518+0	3.588+0	3.758+0	1.468+0	0.008+0	0.008+0	7.688+0	
SBN425N	1.438+0	1.138+0	-1.578+0	1.418+0	1.628+0	0.008+0	1.088+0	1.788+0	1.118+0	1.238+0	1.438+0	7.468+0	1.138+0	1.488+0	1.488+0	4.288+0	2.108+0	5.018+0	1.828+0	2.218+0	3.388+0	2.078+0	8.918+0	9.138+0	4.688+0	9.808+0	8.338+0	1.448+0	3.528+0	1.558+0	3.528+0	3.628+0	1.358+0	0.008+0	0.008+0	7.688+0	
SBN425P	1.438+0	1.138+0	-1.578+0	1.418+0	1.628+0	0.008+0	1.088+0	1.788+0	1.118+0	1.238+0	1.438+0	7.468+0	1.138+0	1.488+0	1.488+0	4.288+0	2.108+0	5.018+0	1.828+0	2.218+0	3.388+0	2.078+0	8.918+0	9.138+0	4.688+0	9.808+0	8.338+0	1.448+0	3.528+0	1.558+0	3.528+0	3.628+0	1.358+0	0.008+0	0.008+0	7.688+0	
SBN426	2.878+0	1.628+0	-1.778+0	2.168+0	2.558+0	0.008+0	2.248+0	3.508+0	1.718+0	2.018+0	2.688+0	1.688+0	2.088+0	3.488+0	3.118+0	9.948+0	3.428+0	8.548+0	3.488+0	2.688+0	5.178+0	3.428+0	1.768+0	1.688+0	7.058+0	1.488+0	1.388+0	6.388+0	5.518+0	2.058+0	3.728+0	3.588+0	2.128+0	0.008+0	0.008+0	1.818+0	
SBN426QC	2.778+0	2.228+0	-1.718+0	2.228+0	2.548+0	0.008+0	2.248+0	3.508+0	1.788+0	2.018+0	2.688+0	1.688+0	2.128+0	3.088+0	3.118+0	9.778+0	3.638+0	8.588+0	3.528+0	2.958+0	5.378+0	3.518+0	1.768+0	1.778+0	7.418+0	1.818+0	1.388+0	7.488+0	6.728+0	2.128+0	5.728+0	3.938+0	2.128+0	0.008+0	0.008+0	1.818+0	
SBN432	1.128+0	1.218+0	-2.128+0	1.228+0	1.588+0	0.008+0	1.088+0	1.288+0	9.448+0	1.058+0	1.338+0	5.768+0	1.258+0	1.688+0	1.078+0	3.378+0	1.808+0	4.648+0	1.388+0	1.888+0	3.328+0	1.818+0	7.728+0	7.848+0	3.728+0	7.888+0	6.918+0	1.488+0	3.388+0	1.488+0	3.388+0	3.488+0	1.158+0	0.008+0	0.008+0	5.788+0	
SBN432N	1.988+0	1.138+0	-1.488+0	1.138+0	1.488+0	0.008+0	1.078+0	1.288+0	8.638+0	9.348+0	1.178+0	5.818+0	1.258+0	1.638+0	1.568+0	4.378+0	1.628+0	4.418+0	1.288+0	1.948+0	3.328+0	1.808+0	6.888+0	8.888+0	3.218+0	6.918+0	6.328+0	3.788+0	3.188+0	1.448+0	3.188+0	1.018+0	0.008+0	0.008+0	5.928+0		
SBN432P	1.988+0	1.138+0	-1.488+0	1.138+0	1.488+0	0.008+0	1.078+0	1.288+0	8.638+0	9.348+0	1.178+0	5.818+0	1.258+0	1.638+0	1.568+0	4.378+0	1.628+0	4.418+0	1.288+0	1.948+0	3.328+0	1.808+0	6.888+0	8.888+0	3.218+0	6.918+0	6.328+0	3.788+0	3.188+0	1.448+0	3.188+0	1.018+0	0.008+0	0.008+0	5.928+0		
SBN433	2.878+0	2.128+0	-1.788+0	2.128+0	2.558+0	0.008+0	2.248+0	3.508+0	1.718+0	2.038+0	2.528+0	1.648+0	2.088+0	3.488+0	3.118+0	9.948+0	3.428+0	8.548+0	3.488+0	2.688+0	5.178+0	3.428+0	1.648+0	1.688+0	7.058+0	1.488+0	1.388+0	6.388+0	5.518+0	2.058+0	5.718+0	3.758+0	1.938+0	0.008+0	0.008+0	1.488+0	
SBN433N	2.938+0	2.188+0	-1.718+0	2.228+0	2.558+0	0.008+0	2.248+0	3.508+0	1.788+0	2.058+0	2.658+0	1.648+0	2.888+0	3.488+0	3.048+0	9.948+0	3.518+0	8.588+0	3.488+0	2.688+0	5.238+0	3.418+0	2.578+0	1.718+0	7.288+0	1.838+0	1.388+0	7.788+0	6.548+0	2.178+0	5.648+0	3.848+0	1.158+0	0.008+0	0.008+0	1.488+0	
SBN433QC	2.838+0	2.458+0	-2.758+0	2.448+0	2.548+0	0.008+0	2.288+0	3.538+0	1.988+0	2.158+0	2.788+0	1.688+0	2.688+0	3.688+0	3.288+0	9.788+0	3.758+0	9.128+0	3.528+0	3.018+0	5.878+0	3.518+0	3.898+0	1.878+0	7.728+0	1.628+0	1.438+0	8.928+0	6.218+0	2.198+0	6.218+0	3.188+0	2.228+0	0.008+0	0.008+0	1.978+0	
SBN440	2.838+0	1.988+0	-1.858+0	2.228+0	2.558+0	0.008+0	2.248+0	3.508+0	1.788+0	2.038+0	2.588+0	1.648+0	2.088+0	3.488+0	3.118+0	9.948+0	3.428+0	8.548+0	3.488+0	2.688+0	5.178+0	3.428+0	1.718+0	7.288+0	1.838+0	1.388+0	7.788+0	6.548+0	2.178+0	5.648+0	3.848+0	1.158+0	0.008+0	0.008+0	1.488+0		
SBN441QC	2.838+0	2.288+0	-1.718+0	2.318+0	2.548+0	0.008+0	2.248+0	3.508+0	1.888+0	2.088+0	2.688+0	1.688+0	2.128+0	3.088+0	3.118+0	9.788+0	3.638+0	8.588+0	3.528+0	3.078+0	5.458+0	3.518+0	1.768+0	1.838+0	7.638+0	1.828+0	1.488+0	7.488+0	6.848+0	2.128+0	5.848+0	3.988+0	2.228+0	0.008+0	0.008+0	1.818+0	
SBN463	2.838+0	2.218+0	-1.818+0	2.228+0	2.558+0	0.008+0	2.248+0	3.508+0	1.788+0	2.058+0	2.658+0	1.648+0	2.888+0	3.488+0	3.018+0	9.948+0	3.518+0	8.638+0	3.488+0	2.678+0	5.328+0	3.418+0	2.578+0	1.728+0	7.318+0	1.838+0	1.388+0	7.788+0	6.548+0	2.178+0	5.648+0	3.848+0	1.158+0	0.008+0	0.008+0	1.488+0	
SBN464QC	2.838+0	2.388+0	-2.928+0	2.338+0	2.548+0	0.008+0	2.248+0	3.538+0	1.878+0	2.118+0	2.758+0	1.688+0	2.128+0	3.088+0	3.118+0	9.788+0	3.728+0	8.638+0	3.588+0	3.088+0	5.528+0	3.518+0	3.878+0	1.818+0	7.678+0	1.648+0	1.488+0	8.788+0	6.878+0	2.188+0	5.878+0	3.988+0	2.248+0	0.008+0	0.008+0	1.928+0	
SBR140	8.808+0	8.558+0	-1.558+0	6.888+0	9.258+0	0.008+0	5.588+0	1.0588+0	8.348+0	7.278+0	7.338+0	4.6758+0	9.258+0	8.618+0	9.088+0	3.118+0	8.538+0	2.688+0	9.888+0	8.178+0	10.588+0	8.758+0	4.518+0	8.248+0	5.258+0	3.288+0	4.888+0	8.488+0	8.878+0	6.878+0	6.058+0	1.628+0	1.718+0	2.258+0	0.008+0	0.008+0	1.928+0
SBR163	7.288+0	6.228+0	-6.378+0	6.238+0	9.188+0	0.008+0	5.588+0	8.738+0	5.128+0	5.548+0	6.882+0	3.928+0	9.328+0	7.458+0	7.708+0	2.418+0	8.218+0	2.438+0	6.888+0	9.128+0	1.548+0	8.938+0	5.588+0	4.338+0	2.958+0	3.388+0	3.778+0	2.138+0	1.828+0	6.288+0	1.638+0	1.988+0	1.958+0	0.008+0	0.008+0	1.728+0	
SBR164	8.228+0	6.668+0	-1.678+0	6.628+0	9.118+0	0.008+0	5.688+0	1.0758+0	8.418+0	7.058+0	7.338+0	3.668+0	7.128+0	7.828+0	8.578+0	2.888+0	1.078+0	2.338+0	9.588+0	8.728+0	1.938+0	8.978+0	4.028+0	5.958+0	2.428+0	3.388+0	4.178+0	1.778+0	3.448+0	1.648+0	2.288+0	1.648+0	1.728+0	7.738+0	0.008+0	0.008+0	4.118+0
SBR180	8.228+0	6.668+0	-1.678+0	6.628+0	9.118+0	0.008+0	5.688+0	1.0758+0	8.418+0	7.078+0	7.338+0	3.668+0	7.128+0	7.828+0	8.578+0	2.888+0	1.078+0	2.338+0	9.588+0	8.728+0	1.938+0	8.978+0	4.028+0	5.958+0	2.428+0	3.388+0	4.178+0	1.778+0	3.448+0	1.648+0	2.288+0	1.648+0	1.728+0	7.738+0	0.008+0	0.008+0	4.118+0
SBR240	1.488+0	1.178+0	-1.418+0	1.188+0	1.588+0	0.008+0	1.128+0	1.788+0	9.448+0	1.088+0	1.368+0	5.828+0	1.258+0	1.638+0	1.518+0	4.368+0	1.628+0	4.478+0	1.738+0	1.988+0	3.328+0	1.738+0	8.238+0	8.888+0	3.268+0	7.828+0	7.018+0	1.488+0	3.328+0	1.188+0	3.328+0	3.188+0	1.178+0	0.008+0	0.008+0	7.688+0	
SBR263	1.488+0	1.288+0	-1.688+0	1.348+0	1.618+0	0.008+0	1.128+0	2.018+0	1.138+0	1.288+0	1.468+0	9.318+0	1.148+0	1.788+0	1.688+0	8.608+0	1.148+0	4.788+0	1.218+0	1.638+0	3.328+0	1.808+0	1.058+0	4.888+0	8.888+0	3.268+0	8.888+0	8.368+0	1.458+0	3.268+0	3.378+0	1.388+0	0.008+0	0.008+0	8.888+0		
SBR264	1.688+0	1.288+0	-1.388+0	1.278+0	9.688+0	1.118+0	2.038+0	1.218+0	1.348+0	1.468+0	7.288+0	1.218+0	1.838+0	1.854+0	5.768+0	1.378+0	4.388+0	1.888+0	1.888+0	1.848+0	2.888+0	1.748+0	8.138+0	9.348+0	4.638+0	8.488+0	8.148+0	4.738+0	3.078+0	4.688+0	3.078+0	3.288+0	1.288+0	0.008+0	0.008+0	8.888+0	
SBR280	1.718+0	1.288+0	-1.388+0	1.278+0	1.618+0	0.008+0	1.148+0	2.038+0	1.218+0	1.348+0	1.468+0	7.288+0	1.218+0	1.838+0	1.854+0	5.778+0	1.388+0	4.388+0	1.888+0	1.848+0	2.888+0	1.758+0	8.138+0	9.358+0	4.638+0	8.588+0	8.168+0	4.818+0	3.078+0	4.688+0	3.078+0	3.188+0	1.288+0	0.008+0	0.008+0	8.888+0	
SBR340	2.418+0	1.888+0	-1.078+0	1.948+0	2.438+0	0.008+0	1.348+0	3.278+0	1.688+0	1.758+0	1.978+0	9.348+0	3.188+0	2.588+0	2.878+0	6.118+0	3.088+0	3.148+0	3.448+0	2.638+0	2.638+0	1.268+0	1.538+0	4.648+0	1.428+0	1.588+0	1.588+0	6.388+0	3.768+0	1.838+0	3.768+0	3.228+0	0.008+0	0.008+0	1.318+0		
SBR363	2.418+0	1.288+0	-1.288+0	1.738+0	2.438+0	0.008+0	1.248+0	2.788+0	1.538+0	1.688+0	2.018+0	1.218+0	1.788+0	2.588+0	2.748+0	7.488+0	3.118+0	6.488+0	2.888+0	2.948+0	3.888+0	2.588+0	1.648+0	4.588+0	9.348+0	1.518+0	1.288+0	6.388+0	3.768+0	1.838+0	3.768+0	3.228+0	0.008+0	0.008+0	1.318+0		
SBR364	2.548+0	1.888+0	-1.578+0	1.938+0	2.418+0	0.008+0	1.718+0	3.048+0	1.788+0	1.978+0	2.158+0	1.088+0	1.788+0	2.338+0	2.428+0	8.688+0	2.918+0	6.388+0	2.888+0	2.778+0	4.238+0	2.628+0	1.228+0	1.488+0	6.788+0	1.388+0	1.218+0	6.388+0	3.518+0	7.078+0	4.918+0	4.888+0	1.878+0	0.008+0	0.008+0	1.288+0	
SBR380	2.548+0	1.888+0	-1.578+0	1.938+0	2.418+0	0.008+0	1.718+0	3.048+0	1.788+0	1.978+0	2.158+0	1.088+0	1.788+0	2.338+0	2.428+0	8.688+0	2.918+0	6.388+0	2.888+0	2.778+0	4.238+0	2.628+0	1.228+0	1.488+0	6.788+0	1.388+0	1.218										

	SA280	2.97E-04	5.13E-02	0.00E+00	5.13E-02	0.00E+00	0.00E+00	3.42E-02	1.91E-01	1.30E-04	1.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-01	1.79E-03	7.08E-01	0.00E+00	7.20E-11	2.42E-09	3.78E-04	1.22E-05	9.10E-04	0.00E+00	7.08E-01	2.03E-09	7.08E-01	7.08E-01	7.04E-01	6.10E-04	0.00E+00	0.00E+00	0.00E+00	1.83E-04
	SA440	4.43E-04	6.69E-02	0.00E+00	6.69E-02	0.00E+00	0.00E+00	4.58E-02	2.63E-01	2.08E-04	2.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-01	2.46E-03	9.76E-01	0.00E+00	1.07E-10	3.65E-09	5.75E-04	1.75E-05	1.30E-03	0.00E+00	9.76E-01	3.79E-09	9.76E-01	9.76E-01	1.30E-03	0.00E+00	0.00E+00	0.00E+00	2.66E-04	
	SA463	4.53E-04	7.15E-02	0.00E+00	7.15E-02	0.00E+00	0.00E+00	4.68E-02	2.68E-01	2.12E-04	2.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.20E-01	2.51E-03	9.86E-01	0.00E+00	1.10E-10	3.68E-09	5.88E-04	1.79E-05	1.30E-03	0.00E+00	9.86E-01	3.83E-09	9.86E-01	9.86E-01	1.08E-03	0.00E+00	0.00E+00	0.00E+00	2.72E-04	
	SA480	4.74E-04	7.48E-02	0.00E+00	7.48E-02	0.00E+00	0.00E+00	4.91E-02	2.71E-01	2.22E-04	2.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.62E-01	2.62E-03	1.00E-01	0.00E+00	1.10E-10	3.80E-09	6.15E-04	1.87E-05	1.30E-03	0.00E+00	1.00E-01	3.95E-09	1.00E-01	1.00E-01	1.30E-03	0.00E+00	0.00E+00	0.00E+00	2.84E-04	
	SBB116	1.28E-04	1.67E-02	0.00E+00	1.67E-02	0.00E+00	0.00E+00	1.18E-02	6.78E-01	6.95E-03	7.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-01	6.22E-04	1.28E-01	0.00E+00	2.56E-11	1.18E-09	2.16E-04	4.41E-07	3.39E-04	0.00E+00	1.28E-01	2.00E-09	1.28E-01	1.28E-01	1.28E-01	0.00E+00	0.00E+00	0.00E+00	8.69E-05	
	SBB125	1.04E-04	1.43E-02	0.00E+00	1.43E-02	0.00E+00	0.00E+00	9.10E-03	5.18E-01	4.34E-03	4.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-01	4.88E-04	1.18E-01	0.00E+00	2.13E-11	8.42E-10	1.22E-04	3.68E-07	2.87E-04	0.00E+00	1.04E-01	1.65E-09	1.04E-01	1.04E-01	1.04E-01	0.00E+00	0.00E+00	0.00E+00	5.22E-05	
	SBB132	1.43E-04	2.13E-02	0.00E+00	2.13E-02	0.00E+00	0.00E+00	1.38E-02	7.24E-01	6.94E-03	7.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-01	7.47E-04	1.88E-01	0.00E+00	3.16E-11	1.02E-09	1.97E-04	5.02E-07	3.76E-04	0.00E+00	1.43E-01	2.88E-09	1.43E-01	1.43E-01	1.43E-01	0.00E+00	0.00E+00	0.00E+00	7.41E-05	
	SBB216	1.05E-04	1.88E-02	0.00E+00	1.88E-02	0.00E+00	0.00E+00	1.18E-02	6.78E-01	5.99E-03	5.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-01	6.22E-04	1.28E-01	0.00E+00	2.68E-11	8.39E-10	1.30E-04	4.36E-07	3.27E-04	0.00E+00	1.05E-01	2.01E-09	1.05E-01	1.05E-01	1.05E-01	0.00E+00	0.00E+00	0.00E+00	6.52E-05	
	SBB225	1.05E-04	1.88E-02	0.00E+00	1.88E-02	0.00E+00	0.00E+00	1.18E-02	6.78E-01	5.99E-03	5.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-01	6.22E-04	1.28E-01	0.00E+00	2.75E-11	8.60E-10	1.30E-04	4.36E-07	3.26E-04	0.00E+00	1.05E-01	2.01E-09	1.05E-01	1.05E-01	1.05E-01	0.00E+00	0.00E+00	0.00E+00	6.54E-05	
	SBB232	1.43E-04	2.14E-02	0.00E+00	2.14E-02	0.00E+00	0.00E+00	1.42E-02	7.28E-01	6.99E-03	7.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-01	7.51E-04	1.97E-01	0.00E+00	3.22E-11	1.03E-09	1.97E-04	5.05E-07	3.76E-04	0.00E+00	1.43E-01	2.87E-09	1.43E-01	1.43E-01	1.43E-01	0.00E+00	0.00E+00	0.00E+00	7.47E-05	
	SBM216	9.38E-05	1.65E-02	0.00E+00	1.65E-02	0.00E+00	0.00E+00	1.03E-02	5.58E-01	4.91E-03	5.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-01	5.58E-04	1.38E-01	0.00E+00	2.88E-11	9.00E-10	1.28E-04	4.02E-07	2.98E-04	0.00E+00	1.03E-01	2.03E-09	1.03E-01	1.03E-01	1.03E-01	0.00E+00	0.00E+00	0.00E+00	5.90E-05	
	SBM225	9.38E-05	1.67E-02	0.00E+00	1.67E-02	0.00E+00	0.00E+00	9.67E-03	5.62E-01	4.38E-03	4.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-01	5.62E-04	1.38E-01	0.00E+00	2.95E-11	9.02E-10	1.28E-04	4.02E-07	2.75E-04	0.00E+00	1.03E-01	2.03E-09	1.03E-01	1.03E-01	1.03E-01	0.00E+00	0.00E+00	0.00E+00	5.61E-05	
	SBM232	9.17E-05	1.68E-02	0.00E+00	1.68E-02	0.00E+00	0.00E+00	1.06E-02	5.74E-01	4.95E-03	5.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-01	5.74E-04	1.41E-01	0.00E+00	2.75E-11	9.03E-10	1.28E-04	4.36E-07	3.38E-04	0.00E+00	1.03E-01	2.01E-09	1.03E-01	1.03E-01	1.03E-01	0.00E+00	0.00E+00	0.00E+00	5.85E-05	
	SBN116	7.45E-05	1.17E-02	0.00E+00	1.17E-02	0.00E+00	0.00E+00	7.70E-03	4.41E-01	3.46E-03	3.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-01	4.41E-04	1.10E-01	0.00E+00	1.83E-11	6.93E-10	9.68E-05	2.94E-07	2.19E-04	0.00E+00	1.04E-01	1.64E-09	1.04E-01	1.04E-01	1.04E-01	0.00E+00	0.00E+00	0.00E+00	4.47E-05	
	SBN116N	7.47E-05	1.18E-02	0.00E+00	1.18E-02	0.00E+00	0.00E+00	7.72E-03	4.42E-01	3.51E-03	3.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-01	4.15E-04	1.05E-01	0.00E+00	1.81E-11	6.95E-10	9.72E-05	2.93E-07	2.20E-04	0.00E+00	1.05E-01	1.65E-09	1.05E-01	1.05E-01	1.05E-01	0.00E+00	0.00E+00	0.00E+00	4.46E-05	
	SBN116P	7.47E-05	1.18E-02	0.00E+00	1.18E-02	0.00E+00	0.00E+00	4.01E-02	2.23E-01	1.72E-04	1.95E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.49E-01	1.98E-03	8.31E-01	0.00E+00	9.26E-11	2.79E-09	4.02E-04	1.45E-06	1.07E-03	0.00E+00	1.04E-01	1.64E-09	1.04E-01	1.04E-01	1.04E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-04	
	SBN125	3.71E-05	1.18E-02	0.00E+00	1.18E-02	0.00E+00	0.00E+00	7.72E-03	4.42E-01	3.52E-03	3.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-01	4.15E-04	1.05E-01	0.00E+00	1.83E-11	6.95E-10	9.68E-05	2.94E-07	2.19E-04	0.00E+00	1.04E-01	1.64E-09	1.04E-01	1.04E-01	1.04E-01	0.00E+00	0.00E+00	0.00E+00	4.47E-05	
	SBN125P	7.45E-05	1.17E-02	0.00E+00	1.17E-02	0.00E+00	0.00E+00	7.70E-03	4.42E-01	3.47E-03	3.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-01	4.12E-04	1.04E-01	0.00E+00	1.83E-11	6.91E-10	9.68E-05	2.94E-07	2.18E-04	0.00E+00	1.04E-01	1.64E-09	1.04E-01	1.04E-01	1.04E-01	0.00E+00	0.00E+00	0.00E+00	4.45E-05	
	SBN132	7.45E-05	1.17E-02	0.00E+00	1.17E-02	0.00E+00	0.00E+00	7.70E-03	4.41E-01	3.46E-03	3.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-01	4.12E-04	1.04E-01	0.00E+00	1.82E-11	6.92E-10	9.69E-05	2.94E-07	2.19E-04	0.00E+00	1.04E-01	1.64E-09	1.04E-01	1.04E-01	1.04E-01	0.00E+00	0.00E+00	0.00E+00	4.47E-05	
	SBN132P	7.45E-05	1.17E-02	0.00E+00	1.17E-02	0.00E+00	0.00E+00	7.70E-03	4.42E-01	3.46E-03	3.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-01	4.12E-04	1.04E-01	0.00E+00	1.83E-11	6.92E-10	9.69E-05	2.94E-07	2.19E-04	0.00E+00	1.04E-01	1.64E-09	1.04E-01	1.04E-01	1.04E-01	0.00E+00	0.00E+00	0.00E+00	4.46E-05	
	SBN133	7.45E-05	1.68E-02	0.00E+00	1.68E-02	0.00E+00	0.00E+00	1.05E-02	6.02E-01	4.92E-03	5.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-01	5.72E-04	1.23E-01	0.00E+00	2.46E-11	7.66E-10	1.24E-04	4.08E-07	2.92E-04	0.00E+00	1.05E-01	2.02E-09	1.05E-01	1.05E-01	1.05E-01	0.00E+00	0.00E+00	0.00E+00	5.92E-05	
	SBN133N	9.52E-05	1.68E-02	0.00E+00	1.68E-02	0.00E+00	0.00E+00	1.06E-02	6.10E-01	4.75E-03	5.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-01	4.98E-04	1.04E-01	0.00E+00	2.46E-11	7.37E-10	1.16E-04	4.05E-07	2.92E-04	0.00E+00	1.04E-01	1.95E-09	1.04E-01	1.04E-01	1.04E-01	0.00E+00	0.00E+00	0.00E+00	5.92E-05	
	SBN140	9.74E-05	1.68E-02	0.00E+00	1.68E-02	0.00E+00	0.00E+00	1.05E-02	6.02E-01	4.92E-03	5.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-01	5.72E-04	1.23E-01	0.00E+00	2.46E-11	7.66E-10	1.24E-04	4.08E-07	2.92E-04	0.00E+00	1.05E-01	2.02E-09	1.05E-01	1.05E-01	1.05E-01	0.00E+00	0.00E+00	0.00E+00	5.92E-05	
	SBN163	9.76E-05	1.88E-02	0.00E+00	1.88E-02	0.00E+00	0.00E+00	1.18E-02	6.94E-01	4.86E-03	5.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-01	6.23E-04	1.31E-01	0.00E+00	2.75E-11	7.76E-10	1.30E-04	4.48E-07	3.26E-04	0.00E+00	1.05E-01	2.01E-09	1.05E-01	1.05E-01	1.05E-01	0.00E+00	0.00E+00	0.00E+00	6.66E-05	
	SBN216	8.98E-05	1.43E-02	0.00E+00	1.43E-02	0.00E+00	0.00E+00	9.21E-03	5.27E-01	4.17E-03	4.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-01	4.93E-04	1.18E-01	0.00E+00	2.18E-11	7.66E-10	1.24E-04	4.08E-07	2.92E-04	0.00E+00	1.04E-01	1.95E-09	1.04E-01	1.04E-01	1.04E-01	0.00E+00	0.00E+00	0.00E+00	5.85E-05	
	SBN216N	1.06E-04	1.79E-02	0.00E+00	1.79E-02	0.00E+00	0.00E+00	9.34E-03	5.50E-01	4.75E-03	5.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-01	6.51E-04	1.40E-01	0.00E+00	2.46E-11	1.74E-09	2.01E-04	5.48E-07	3.96E-04	0.00E+00	1.06E-01	2.46E-09	1.06E-01	1.06E-01	1.06E-01	0.00E+00	0.00E+00	0.00E+00	8.67E-05	
	SBN216P	8.98E-05	1.42E-02	0.00E+00	1.42E-02	0.00E+00	0.00E+00	9.20E-03	5.27E-01	4.20E-03	4.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-01	4.93E-04	1.18E-01	0.00E+00	2.18E-11	7.44E-10	1.16E-04	3.92E-07	2.92E-04	0.00E+00	1.04E-01	1.97E-09	1.04E-01	1.04E-01	1.04E-01	0.00E+00	0.00E+00	0.00E+00	5.82E-05	
	SBN225	8.90E-05	1.43E-02	0.00E+00	1.43E-02	0.00E+00	0.00E+00	9.21E-03	5.27E-01	4.17E-03	4.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-01	4.93E-04	1.18E-01	0.00E+00	2.18E-11	7.24E-10	1.15E-04	3.9												

SF263	4.43E+00	7.41E+02	0.00E+00	7.41E+02	0.00E+00	0.00E+00	4.80E+02	2.94E+00	1.98E+04	2.24E+03	0.00E+00	0.00E+00	1.28E+12	2.46E+11	1.79E+04	0.00E+00	0.00E+00	0.00E+00	6.43E+00	2.93E+02	9.98E+01	0.00E+00	1.11E+10	3.03E+00	5.51E+04	1.82E+00	1.34E+03	0.00E+00	9.98E+01	2.88E+00	9.98E+01	0.97E+01	0.97E+01	1.34E+03	0.00E+00	0.00E+00	0.00E+00	2.71E+04
SF463	8.39E+04	1.32E+03	0.00E+00	1.32E+03	0.00E+00	0.00E+00	8.69E+02	4.97E+00	3.03E+04	4.37E+03	0.00E+00	0.00E+00	2.33E+12	4.69E+11	3.22E+04	0.00E+00	0.00E+00	0.00E+00	1.17E+03	4.03E+02	1.89E+00	0.00E+00	2.03E+10	6.02E+00	1.09E+05	3.37E+06	2.47E+03	0.00E+00	1.89E+00	5.27E+00	1.89E+00	1.89E+00	2.47E+03	0.00E+00	0.00E+00	0.00E+00	5.03E+04	
SFB116	8.51E+05	1.34E+03	0.00E+00	1.34E+03	0.00E+00	0.00E+00	8.80E+03	5.04E+00	3.09E+05	4.38E+04	0.00E+00	0.00E+00	2.35E+13	4.57E+12	3.27E+05	0.00E+00	0.00E+00	0.00E+00	1.19E+03	4.27E+04	1.87E+01	0.00E+00	2.06E+11	6.05E+01	1.10E+06	3.38E+07	2.50E+04	0.00E+00	1.87E+01	5.29E+01	1.87E+01	1.88E+01	2.50E+04	0.00E+00	0.00E+00	0.00E+00	5.10E+05	
SFB125	8.51E+05	1.34E+03	0.00E+00	1.34E+03	0.00E+00	0.00E+00	8.80E+03	5.04E+00	3.09E+05	4.38E+04	0.00E+00	0.00E+00	2.35E+13	4.57E+12	3.27E+05	0.00E+00	0.00E+00	0.00E+00	1.19E+03	4.27E+04	1.87E+01	0.00E+00	2.06E+11	6.05E+01	1.10E+06	3.38E+07	2.50E+04	0.00E+00	1.87E+01	5.29E+01	1.87E+01	1.88E+01	2.50E+04	0.00E+00	0.00E+00	0.00E+00	5.10E+05	
SFB132	1.05E+06	1.88E+03	0.00E+00	1.88E+03	0.00E+00	0.00E+00	1.17E+02	6.79E+00	4.19E+05	5.84E+04	0.00E+00	0.00E+00	3.47E+12	6.19E+12	4.58E+05	0.00E+00	0.00E+00	0.00E+00	1.58E+03	6.23E+04	3.05E+01	0.00E+00	2.30E+11	6.49E+01	1.32E+06	3.74E+07	3.07E+04	0.00E+00	1.87E+01	5.29E+01	1.73E+01	2.57E+01	3.27E+04	0.00E+00	0.00E+00	0.00E+00	5.81E+05	
SFB216	1.69E+04	2.67E+02	0.00E+00	2.67E+02	0.00E+00	0.00E+00	1.75E+02	1.00E+00	7.93E+03	8.75E+04	0.00E+00	0.00E+00	6.00E+09	4.79E+10	9.08E+12	6.51E+02	0.00E+00	0.00E+00	0.00E+00	2.36E+03	9.38E+04	3.72E+01	0.00E+00	4.10E+11	1.38E+03	2.23E+06	6.68E+07	4.86E+04	0.00E+00	3.72E+01	1.09E+01	3.72E+01	3.72E+01	4.86E+04	0.00E+00	0.00E+00	0.00E+00	1.02E+04
SFB225	1.69E+04	2.67E+02	0.00E+00	2.67E+02	0.00E+00	0.00E+00	1.75E+02	1.00E+00	7.93E+03	8.75E+04	0.00E+00	0.00E+00	6.00E+09	4.79E+10	9.08E+12	6.51E+02	0.00E+00	0.00E+00	0.00E+00	2.36E+03	9.38E+04	3.72E+01	0.00E+00	4.10E+11	1.38E+03	2.23E+06	6.68E+07	4.86E+04	0.00E+00	3.72E+01	1.09E+01	3.72E+01	3.72E+01	4.86E+04	0.00E+00	0.00E+00	0.00E+00	1.02E+04
SFB232	1.69E+04	2.67E+02	0.00E+00	2.67E+02	0.00E+00	0.00E+00	1.75E+02	1.00E+00	7.93E+03	8.75E+04	0.00E+00	0.00E+00	6.00E+09	4.79E+10	9.08E+12	6.51E+02	0.00E+00	0.00E+00	0.00E+00	2.36E+03	9.38E+04	3.72E+01	0.00E+00	4.10E+11	1.38E+03	2.23E+06	6.68E+07	4.86E+04	0.00E+00	3.72E+01	1.09E+01	3.72E+01	3.72E+01	4.86E+04	0.00E+00	0.00E+00	0.00E+00	1.02E+04
SFH125	8.81E+05	1.38E+03	0.00E+00	1.38E+03	0.00E+00	0.00E+00	9.09E+03	5.21E+00	4.13E+05	5.54E+04	0.00E+00	0.00E+00	2.44E+13	4.72E+12	3.38E+05	0.00E+00	0.00E+00	0.00E+00	1.22E+03	4.89E+04	1.93E+01	0.00E+00	2.13E+11	7.18E+01	1.15E+06	3.46E+07	2.58E+04	0.00E+00	1.93E+01	5.46E+01	1.93E+01	1.94E+01	2.58E+04	0.00E+00	0.00E+00	0.00E+00	5.27E+05	
SFH132	8.84E+05	1.38E+03	0.00E+00	1.38E+03	0.00E+00	0.00E+00	9.09E+03	5.21E+00	4.13E+05	5.54E+04	0.00E+00	0.00E+00	2.44E+13	4.72E+12	3.38E+05	0.00E+00	0.00E+00	0.00E+00	1.22E+03	4.89E+04	1.93E+01	0.00E+00	2.13E+11	7.18E+01	1.15E+06	3.46E+07	2.58E+04	0.00E+00	1.93E+01	5.46E+01	1.93E+01	1.94E+01	2.58E+04	0.00E+00	0.00E+00	0.00E+00	5.27E+05	
SFH225	1.92E+04	2.67E+02	0.00E+00	2.67E+02	0.00E+00	0.00E+00	1.97E+02	1.04E+00	8.25E+03	9.71E+04	0.00E+00	0.00E+00	6.93E+10	4.93E+12	9.88E+12	7.14E+02	0.00E+00	0.00E+00	0.00E+00	2.59E+03	1.03E+05	3.98E+01	0.00E+00	4.43E+11	1.63E+03	2.58E+06	7.73E+07	5.56E+04	0.00E+00	3.98E+01	1.12E+01	3.98E+01	3.98E+01	5.56E+04	0.00E+00	0.00E+00	0.00E+00	1.07E+04
SFH232	1.69E+04	2.67E+02	0.00E+00	2.67E+02	0.00E+00	0.00E+00	1.75E+02	1.00E+00	7.93E+03	8.75E+04	0.00E+00	0.00E+00	6.00E+09	4.69E+10	9.08E+12	6.50E+02	0.00E+00	0.00E+00	0.00E+00	2.36E+03	9.38E+04	3.72E+01	0.00E+00	4.09E+11	1.38E+03	2.23E+06	6.67E+07	4.85E+04	0.00E+00	3.72E+01	1.09E+01	3.72E+01	3.72E+01	4.85E+04	0.00E+00	0.00E+00	0.00E+00	1.01E+04
SFL116	8.42E+05	1.32E+03	0.00E+00	1.32E+03	0.00E+00	0.00E+00	8.69E+03	4.97E+00	3.03E+04	4.37E+03	0.00E+00	0.00E+00	2.33E+12	4.69E+11	3.22E+04	0.00E+00	0.00E+00	0.00E+00	1.17E+03	4.03E+02	1.89E+01	0.00E+00	2.03E+10	6.02E+00	1.09E+05	3.37E+06	2.47E+03	0.00E+00	1.89E+01	5.27E+00	1.89E+01	1.89E+01	2.47E+03	0.00E+00	0.00E+00	0.00E+00	5.03E+04	
SFL125	8.45E+05	1.32E+03	0.00E+00	1.32E+03	0.00E+00	0.00E+00	8.69E+03	4.97E+00	3.03E+04	4.37E+03	0.00E+00	0.00E+00	2.33E+12	4.51E+12	3.22E+05	0.00E+00	0.00E+00	0.00E+00	1.17E+03	4.03E+04	1.89E+01	0.00E+00	2.03E+11	6.03E+01	1.09E+06	3.32E+07	2.47E+04	0.00E+00	1.89E+01	5.22E+01	1.89E+01	1.89E+01	2.47E+04	0.00E+00	0.00E+00	0.00E+00	5.04E+05	
SFL132	1.02E+04	1.88E+03	0.00E+00	1.88E+03	0.00E+00	0.00E+00	1.17E+02	6.79E+00	5.02E+05	5.54E+04	0.00E+00	0.00E+00	3.25E+13	4.45E+12	4.14E+05	0.00E+00	0.00E+00	0.00E+00	1.59E+03	6.23E+04	3.05E+01	0.00E+00	2.06E+11	6.48E+01	1.32E+06	4.37E+07	3.06E+04	0.00E+00	1.87E+01	5.29E+01	1.73E+01	2.57E+01	3.25E+04	0.00E+00	0.00E+00	0.00E+00	5.65E+05	
SFL216	1.69E+04	2.67E+02	0.00E+00	2.67E+02	0.00E+00	0.00E+00	1.75E+02	1.00E+00	7.93E+03	8.75E+04	0.00E+00	0.00E+00	6.00E+09	4.79E+10	9.08E+12	6.51E+02	0.00E+00	0.00E+00	0.00E+00	2.36E+03	9.38E+04	3.72E+01	0.00E+00	4.10E+11	1.38E+03	2.23E+06	6.68E+07	4.86E+04	0.00E+00	3.72E+01	1.09E+01	3.72E+01	3.72E+01	4.86E+04	0.00E+00	0.00E+00	0.00E+00	1.02E+04
SFL225	1.69E+04	2.67E+02	0.00E+00	2.67E+02	0.00E+00	0.00E+00	1.75E+02	1.00E+00	7.93E+03	8.75E+04	0.00E+00	0.00E+00	6.00E+09	4.79E+10	9.08E+12	6.51E+02	0.00E+00	0.00E+00	0.00E+00	2.36E+03	9.38E+04	3.72E+01	0.00E+00	4.10E+11	1.38E+03	2.23E+06	6.68E+07	4.86E+04	0.00E+00	3.72E+01	1.09E+01	3.72E+01	3.72E+01	4.86E+04	0.00E+00	0.00E+00	0.00E+00	1.02E+04
SFL232	1.92E+04	2.67E+02	0.00E+00	2.67E+02	0.00E+00	0.00E+00	1.97E+02	1.04E+00	8.25E+03	9.71E+04	0.00E+00	0.00E+00	6.93E+10	4.93E+12	9.88E+12	7.14E+02	0.00E+00	0.00E+00	0.00E+00	2.59E+03	1.03E+05	3.98E+01	0.00E+00	4.43E+11	1.63E+03	2.58E+06	7.73E+07	5.56E+04	0.00E+00	3.98E+01	1.12E+01	3.98E+01	3.98E+01	5.56E+04	0.00E+00	0.00E+00	0.00E+00	1.07E+04
SFM125	1.04E+04	1.66E+02	0.00E+00	1.66E+02	0.00E+00	0.00E+00	1.17E+02	6.79E+00	5.07E+05	5.54E+04	0.00E+00	0.00E+00	3.22E+13	4.45E+12	4.14E+05	0.00E+00	0.00E+00	0.00E+00	1.59E+03	6.23E+04	3.05E+01	0.00E+00	2.06E+11	6.47E+01	1.32E+06	4.37E+07	3.06E+04	0.00E+00	1.87E+01	5.29E+01	1.73E+01	2.57E+01	3.25E+04	0.00E+00	0.00E+00	0.00E+00	5.65E+05	
SFM132	1.05E+04	1.88E+03	0.00E+00	1.88E+03	0.00E+00	0.00E+00	1.17E+02	6.79E+00	5.02E+05	5.54E+04	0.00E+00	0.00E+00	3.25E+13	4.45E+12	4.14E+05	0.00E+00	0.00E+00	0.00E+00	1.59E+03	6.23E+04	3.05E+01	0.00E+00	2.06E+11	6.48E+01	1.32E+06	4.37E+07	3.06E+04	0.00E+00	1.87E+01	5.29E+01	1.73E+01	2.57E+01	3.25E+04	0.00E+00	0.00E+00	0.00E+00	5.67E+05	
SFT125	8.45E+05	1.32E+03	0.00E+00	1.32E+03	0.00E+00	0.00E+00	8.69E+03	4.97E+00	3.03E+04	4.37E+03	0.00E+00	0.00E+00	2.33E+12	4.54E+12	3.22E+05	0.00E+00	0.00E+00	0.00E+00	1.18E+03	4.03E+04	1.89E+01	0.00E+00	2.03E+11	6.03E+01	1.10E+06	3.36E+07	2.48E+04	0.00E+00	1.89E+01	5.23E+01	1.89E+01	1.89E+01	2.48E+04	0.00E+00	0.00E+00	0.00E+00	5.07E+05	
SFT132	8.45E+05	1.32E+03	0.00E+00	1.32E+03	0.00E+00	0.00E+00	8.69E+03	4.97E+00	3.03E+04	4.37E+03	0.00E+00	0.00E+00	2.33E+12	4.54E+12	3.22E+05	0.00E+00	0.00E+00	0.00E+00	1.18E+03	4.03E+04	1.89E+01	0.00E+00	2.03E+11	6.03E+01	1.10E+06	3.36E+07	2.48E+04	0.00E+00	1.89E+01	5.23E+01	1.89E+01	1.89E+01	2.48E+04	0.00E+00	0.00E+00	0.00E+00	5.07E+05	
SFT140	8.45E+05	1.32E+03	0.00E+00	1.32E+03	0.00E+00	0.00E+00	8.69E+03	4.97E+00	3.03E+04	4.37E+03	0.00E+00	0.00E+00	2.33E+12	4.54E+12	3.22E+05	0.00E+00	0.00E+00	0.00E+00	1.18E+03	4.03E+04	1.89E+01	0.00E+00	2.03E+11	6.03E+01	1.10E+06	3.36E+07	2.48E+04	0.00E+00	1.89E+01	5.23E+01	1.89E+01	1.89E+01	2.48E+04	0.00E+00	0.00E+00	0.00E+00	5.07E+05	
SFT225	1.79E+04	2.66E+02	0.00E+00	2.66E+02	0.00E+00	0.00E+00	1.76E+02	1.07E+00	7.96E+03	8.73E+04	0.00E+00	0.00E+00	6.00E+09	4.71E+10	9.10E+12	6.50E+02	0.00E+00	0.00E+00	0.00E+00	2.37E+03	9.41E+04	3.74E+01	0.00E+00	4.11E+11	1.38E+03	2.23E+06	6.70E+07	4.86E+04	0.00E+00	3.74E+01	1.09E+01	3.74E+01	3.74E+01	4.86E+04	0.00E+00	0.00E+00	0.00E+00	1.02E+04
SFT225N	1.69E+04	2.64E+02	0.00E+00	2.64E+02	0.00E+00	0.00E+00	1.74E+02	9.97E+00	7.94E+03	8.62E+04	0.00E+00	0.00E+00	6.07E+10	9.94E+12	8.49E+12	6.49E+02	0.00E+00	0.00E+00	0.00E+00	2.37E+03	9.29E+04	3.68E+01	0.00E+00	4.09E+11	1.34E+03													

SBN316N	6.38E-05	2.84E-02	5.23E-03	2.21E-02	0.00E+00	0.00E+00	3.20E-01	3.18E-07	3.00E-02	5.02E-04	1.93E-04	0.00E+00	5.02E-04	2.24E-03	7.42E-11	3.43E-03	6.10E-05	1.20E-03	0.00E+00	4.00E-05	9.40E-05	2.16E-01	0.00E+00	2.90E-01	3.00E-03	4.44E-03	1.12E-06	3.20E-02	0.00E+00	2.10E-01	5.30E-03	2.10E-01	2.48E-03	2.92E-02	0.00E+00	0.00E+00	1.72E-03
SBN316P	6.81E-05	3.05E-02	9.74E-03	2.47E-02	0.00E+00	0.00E+00	3.30E-01	3.38E-07	3.28E-02	5.06E-04	1.96E-04	0.00E+00	5.06E-04	6.02E-04	2.72E-08	3.78E-03	6.59E-05	2.03E-03	0.00E+00	4.20E-05	1.01E-02	2.34E-01	0.00E+00	3.17E-01	4.10E-03	4.76E-03	1.28E-06	3.18E-02	0.00E+00	2.30E-01	5.24E-03	2.34E-01	2.66E-03	3.12E-02	0.00E+00	0.00E+00	1.90E-03
SBN325	4.04E-05	2.28E-02	3.87E-03	1.67E-02	0.00E+00	0.00E+00	2.40E-01	2.20E-07	2.21E-02	1.38E-04	0.00E+00	4.07E-04	1.84E-03	5.38E-11	2.48E-03	4.46E-05	1.37E-03	0.00E+00	2.90E-05	6.84E-03	1.58E-01	0.00E+00	2.14E-01	2.77E-03	3.22E-03	8.22E-07	2.11E-02	0.00E+00	1.58E-01	3.88E-03	1.58E-01	1.75E-03	2.11E-02	0.00E+00	0.00E+00	1.24E-03	
SBN325N	6.07E-05	2.70E-02	5.00E-03	2.18E-02	0.00E+00	0.00E+00	3.16E-01	3.14E-07	3.01E-02	1.81E-04	0.00E+00	5.34E-04	4.42E-03	7.08E-11	3.20E-03	5.84E-05	1.80E-03	0.00E+00	3.86E-05	8.88E-03	2.28E-01	0.00E+00	2.41E-01	3.64E-04	4.22E-03	1.08E-06	2.77E-02	0.00E+00	2.28E-01	5.10E-03	2.28E-01	3.20E-03	2.77E-02	0.00E+00	0.00E+00	1.63E-03	
SBN325P	8.19E-05	3.02E-02	5.69E-03	2.45E-02	0.00E+00	0.00E+00	3.25E-01	3.38E-07	3.27E-02	2.02E-04	0.00E+00	5.87E-04	5.12E-03	7.88E-11	3.26E-03	6.03E-05	2.01E-03	0.00E+00	4.25E-05	1.00E-02	2.32E-01	0.00E+00	3.14E-01	4.07E-04	4.72E-03	1.22E-06	3.10E-02	0.00E+00	2.32E-01	5.70E-03	2.32E-01	3.02E-03	3.10E-02	0.00E+00	0.00E+00	1.83E-03	
SBN332	7.10E-05	3.26E-02	5.99E-03	2.56E-02	0.00E+00	0.00E+00	3.27E-01	3.54E-07	3.42E-02	1.74E-04	0.00E+00	6.29E-04	5.85E-03	7.88E-11	3.34E-03	6.53E-05	2.12E-03	0.00E+00	4.46E-05	1.08E-02	2.45E-01	0.00E+00	3.31E-01	4.28E-04	4.98E-03	1.27E-06	3.27E-02	0.00E+00	2.45E-01	6.00E-03	2.45E-01	3.27E-02	0.00E+00	0.00E+00	1.50E-03		
SBN332N	3.72E-05	1.58E-02	2.29E-03	1.28E-02	0.00E+00	0.00E+00	1.80E-01	1.78E-07	1.75E-02	1.08E-04	0.00E+00	3.12E-04	1.42E-03	4.14E-11	1.91E-03	3.42E-05	1.06E-03	0.00E+00	2.22E-05	5.29E-03	1.22E-01	0.00E+00	1.60E-01	2.13E-03	2.48E-03	6.37E-07	1.62E-02	0.00E+00	1.22E-01	2.29E-03	1.22E-01	1.28E-03	1.62E-02	0.00E+00	0.00E+00	9.07E-04	
SBN332P	6.34E-05	2.80E-02	5.32E-03	2.26E-02	0.00E+00	0.00E+00	3.30E-01	3.14E-07	3.04E-02	1.88E-04	0.00E+00	5.56E-04	5.03E-03	7.38E-11	3.47E-03	6.11E-05	1.88E-03	0.00E+00	3.86E-05	9.38E-03	2.17E-01	0.00E+00	2.41E-01	3.80E-04	4.42E-03	1.18E-06	2.98E-02	0.00E+00	2.17E-01	5.33E-03	2.17E-01	3.46E-03	2.98E-02	0.00E+00	0.00E+00	1.71E-03	
SBN333	7.16E-05	3.26E-02	5.62E-03	2.51E-02	0.00E+00	0.00E+00	3.22E-01	3.44E-07	3.23E-02	2.07E-04	0.00E+00	6.12E-04	2.77E-03	6.88E-11	3.34E-03	6.58E-05	2.12E-03	0.00E+00	4.36E-05	1.02E-02	2.32E-01	0.00E+00	3.22E-01	4.16E-04	4.84E-03	1.22E-06	3.10E-02	0.00E+00	2.32E-01	5.64E-03	2.32E-01	2.75E-03	3.10E-02	0.00E+00	0.00E+00	1.87E-03	
SBN333N	6.20E-05	2.98E-02	5.00E-03	2.17E-02	0.00E+00	0.00E+00	3.14E-01	3.07E-07	3.01E-02	1.76E-04	0.00E+00	5.28E-04	3.76E-03	6.88E-11	3.28E-03	5.76E-05	1.93E-03	0.00E+00	3.76E-05	8.88E-03	2.28E-01	0.00E+00	2.78E-01	3.68E-04	4.16E-03	1.07E-06	2.74E-02	0.00E+00	2.28E-01	5.00E-03	2.28E-01	3.24E-02	2.74E-02	0.00E+00	0.00E+00	1.61E-03	
SBN333P	7.42E-05	3.05E-02	5.74E-03	2.47E-02	0.00E+00	0.00E+00	3.30E-01	3.38E-07	3.28E-02	5.04E-04	0.00E+00	6.03E-04	2.73E-03	7.97E-11	3.36E-03	6.59E-05	2.03E-03	0.00E+00	4.25E-05	1.01E-02	2.34E-01	0.00E+00	3.17E-01	4.10E-03	4.77E-03	1.22E-06	3.18E-02	0.00E+00	2.34E-01	5.73E-03	2.34E-01	2.66E-03	3.12E-02	0.00E+00	0.00E+00	1.84E-03	
SBN363	5.72E-05	2.42E-02	4.59E-03	1.95E-02	0.00E+00	0.00E+00	2.82E-01	2.80E-07	2.80E-02	1.62E-04	0.00E+00	4.78E-04	1.16E-03	6.32E-11	2.94E-03	5.22E-05	1.61E-03	0.00E+00	3.47E-05	8.94E-03	1.86E-01	0.00E+00	2.72E-01	3.26E-04	3.78E-03	9.65E-07	2.46E-02	0.00E+00	1.86E-01	4.59E-03	1.86E-01	3.11E-03	2.46E-02	0.00E+00	0.00E+00	1.46E-03	
SBN416	5.89E-05	2.62E-02	4.92E-03	2.12E-02	0.00E+00	0.00E+00	3.00E-01	2.91E-07	2.82E-02	1.72E-04	0.00E+00	5.17E-04	2.34E-03	6.84E-11	3.16E-03	5.88E-05	1.72E-03	0.00E+00	3.68E-05	8.72E-03	2.17E-01	0.00E+00	2.72E-01	3.52E-04	4.08E-03	1.04E-06	2.68E-02	0.00E+00	2.07E-01	4.94E-03	2.07E-01	2.28E-03	2.68E-02	0.00E+00	0.00E+00	1.58E-03	
SBN416P	7.16E-05	3.26E-02	5.62E-03	2.56E-02	0.00E+00	0.00E+00	3.27E-01	3.54E-07	3.42E-02	1.74E-04	0.00E+00	6.29E-04	5.85E-03	7.88E-11	3.34E-03	6.53E-05	2.12E-03	0.00E+00	4.46E-05	1.08E-02	2.45E-01	0.00E+00	3.31E-01	4.28E-04	4.98E-03	1.27E-06	3.27E-02	0.00E+00	2.45E-01	6.00E-03	2.45E-01	3.27E-02	0.00E+00	0.00E+00	1.50E-03		
SBN425	6.87E-05	3.01E-02	7.38E-03	3.17E-02	0.00E+00	0.00E+00	4.57E-01	4.28E-07	4.21E-02	2.62E-04	0.00E+00	7.72E-04	2.53E-03	1.02E-10	4.72E-03	8.46E-05	2.81E-03	0.00E+00	5.91E-05	1.38E-02	3.01E-01	0.00E+00	4.07E-01	5.27E-03	6.11E-03	1.58E-06	4.07E-02	0.00E+00	3.01E-01	7.38E-03	3.01E-01	3.41E-03	4.07E-02	0.00E+00	0.00E+00	2.26E-03	
SBN425N	6.88E-05	3.07E-02	5.76E-03	2.46E-02	0.00E+00	0.00E+00	3.50E-01	3.41E-07	3.30E-02	2.02E-04	0.00E+00	6.07E-04	2.75E-03	6.02E-11	3.71E-03	6.84E-05	2.05E-03	0.00E+00	4.32E-05	1.02E-02	2.36E-01	0.00E+00	3.19E-01	4.13E-04	4.80E-03	1.22E-06	3.15E-02	0.00E+00	2.36E-01	5.73E-03	2.36E-01	3.68E-03	3.15E-02	0.00E+00	0.00E+00	1.65E-03	
SBN425P	8.68E-05	3.07E-02	5.76E-03	2.46E-02	0.00E+00	0.00E+00	3.50E-01	3.41E-07	3.30E-02	2.02E-04	0.00E+00	6.07E-04	2.75E-03	6.02E-11	3.71E-03	6.84E-05	2.05E-03	0.00E+00	4.32E-05	1.02E-02	2.36E-01	0.00E+00	3.19E-01	4.13E-04	4.80E-03	1.22E-06	3.15E-02	0.00E+00	2.36E-01	5.73E-03	2.36E-01	3.68E-03	3.15E-02	0.00E+00	0.00E+00	1.65E-03	
SBN426	7.23E-05	3.01E-02	5.69E-03	2.46E-02	0.00E+00	0.00E+00	3.25E-01	3.34E-07	3.24E-02	2.01E-04	0.00E+00	5.94E-04	5.06E-03	7.88E-11	3.25E-03	6.04E-05	2.00E-03	0.00E+00	4.25E-05	1.02E-02	2.36E-01	0.00E+00	3.19E-01	4.13E-04	4.80E-03	1.22E-06	3.15E-02	0.00E+00	2.36E-01	5.73E-03	2.36E-01	3.68E-03	3.15E-02	0.00E+00	0.00E+00	1.65E-03	
SBN426QC	6.81E-05	3.62E-02	7.18E-03	3.18E-02	0.00E+00	0.00E+00	4.47E-01	4.24E-07	4.11E-02	2.52E-04	0.00E+00	7.55E-04	2.42E-03	9.98E-11	4.81E-03	8.28E-05	2.55E-03	0.00E+00	5.38E-05	1.27E-02	2.24E-01	0.00E+00	3.87E-01	5.14E-03	5.97E-03	1.52E-06	3.82E-02	0.00E+00	2.94E-01	7.21E-03	2.94E-01	3.23E-03	3.82E-02	0.00E+00	0.00E+00	2.31E-03	
SBN432	5.90E-05	2.62E-02	4.92E-03	2.12E-02	0.00E+00	0.00E+00	3.00E-01	2.91E-07	2.82E-02	1.72E-04	0.00E+00	5.17E-04	2.34E-03	6.84E-11	3.16E-03	5.88E-05	1.72E-03	0.00E+00	3.68E-05	8.72E-03	2.17E-01	0.00E+00	2.72E-01	3.52E-04	4.08E-03	1.04E-06	2.68E-02	0.00E+00	2.07E-01	4.94E-03	2.07E-01	2.28E-03	2.68E-02	0.00E+00	0.00E+00	1.58E-03	
SBN432N	2.88E-05	1.07E-02	2.01E-03	8.88E-03	0.00E+00	0.00E+00	1.22E-01	1.19E-07	1.10E-02	7.12E-04	0.00E+00	2.11E-04	5.62E-04	2.72E-11	1.26E-03	2.31E-05	7.12E-04	0.00E+00	1.91E-05	3.55E-03	8.22E-02	0.00E+00	1.11E-01	1.44E-03	1.67E-03	4.26E-07	1.18E-02	0.00E+00	8.22E-02	2.02E-03	8.22E-02	1.19E-02	0.00E+00	0.00E+00	6.42E-04		
SBN432P	6.49E-05	2.66E-02	4.96E-03	2.06E-02	0.00E+00	0.00E+00	3.08E-01	3.00E-07	2.91E-02	1.73E-04	0.00E+00	6.01E-04	3.00E-03	9.02E-11	3.18E-03	5.86E-05	1.73E-03	0.00E+00	4.08E-05	1.15E-02	2.45E-01	0.00E+00	3.36E-01	4.46E-03	5.06E-03	1.37E-06	3.74E-02	0.00E+00	2.65E-01	5.76E-03	2.65E-01	3.54E-02	3.74E-02	0.00E+00	0.00E+00	2.08E-03	
SBN433	7.23E-05	3.01E-02	5.69E-03	2.46E-02	0.00E+00	0.00E+00	3.25E-01	3.34E-07	3.24E-02	2.01E-04	0.00E+00	5.94E-04	5.06E-03	7.88E-11	3.25E-03	6.04E-05	2.00E-03	0.00E+00	4.25E-05	1.02E-02	2.36E-01	0.00E+00	3.19E-01	4.13E-04	4.80E-03	1.22E-06	3.15E-02	0.00E+00	2.36E-01	5.73E-03	2.36E-01	3.68E-03	3.15E-02	0.00E+00	0.00E+00	1.65E-03	
SBN433N	3.95E-05	3.08E-02	7.34E-03	3.16E-02	0.00E+00	0.00E+00	4.56E-01	4.33E-07	4.26E-02	2.61E-04	0.00E+00	7.71E-04	2.46E-03	1.02E-10	4.72E-03	8.43E-05	2.80E-03	0.00E+00	5.94E-05	1.38E-02	3.00E-01	0.00E+00	4.07E-01	5.25E-03	6.10E-03	1.58E-06	4.07E-02	0.00E+00	3.01E-01	7.38E-03	3.01E-01	3.41E-03	4.07E-02	0.00E+00	0.00E+00	2.26E-03	
SBN433QC	1.29E-04	5.91E-03	1.07E-04	4.62E-02	0.00E+00	0.00E+00	6.88E-01	6.23E-07	6.11E-02	3.81E-04	0.00E+00	1.13E-02	5.10E-03	1.49E-10	6.88E-03	1.22E-04	3.86E-03	0.00E+00	8.02E-05	1.88E-02	3.97E-01	0.00E+00	3.50E-01	7.87E-03	8.91E-03	2.27E-06	5.85E-02	0.00E+00	4.38E-01	3.98E-03	4.38E-01	4.97E-03	5.85E-02	0.00E+00	0.00E+00	3.44E-03	
SBN440	7.65E-05	2.70E-02	4.96E-03	2.14E-02	0.00E+00	0.00E+00	3.16E-01	3.14E-07	3.01E-02	1.81E-04	0.00E+00	5.34E-04	4.42E-03	7.08E-11	3.20E-03	5.84E-05	1.80E-03	0.00E+00	3.86E-05	8.88E-03	2.28E-01	0.00E+00	2.41E-01	3.64E-04	4.22E-03	1.08E-06	2.7										

107184	2.00E+00	5.50E+00	1.00E+02	5.50E+00	0.00E+00	0.00E+00	1.00E+01	1.40E+00	3.47E+03	5.57E+02	0.00E+00	2.44E+00	6.00E+00	1.07E+00	7.99E+00	1.54E+01	0.00E+00	0.00E+00	1.00E+02	9.30E+00	1.40E+02	0.00E+00	2.60E+00	2.20E+00	1.00E+02	2.10E+04	3.71E+01	0.00E+00	1.40E+02	1.97E+00	1.40E+02	1.77E+02	3.71E+01	0.00E+00	0.00E+00	0.00E+00	4.20E+01
107191	5.80E+02	1.11E+03	2.00E+02	1.11E+03	0.00E+00	0.00E+00	2.10E+01	2.00E+00	8.94E+03	1.11E+04	0.00E+00	4.87E+01	1.40E+00	3.34E+00	1.60E+01	3.00E+01	0.00E+00	0.00E+00	2.00E+02	1.80E+03	2.81E+02	0.00E+00	5.30E+00	4.90E+01	2.10E+02	4.37E+04	7.40E+01	0.00E+00	2.81E+02	3.00E+00	2.81E+02	3.00E+02	7.40E+01	0.00E+00	0.00E+00	0.00E+00	8.00E+01
107207	8.70E+02	1.67E+03	3.07E+02	1.68E+03	0.00E+00	0.00E+00	3.10E+01	4.30E+00	1.04E+02	1.67E+03	0.00E+00	7.31E+01	2.10E+00	5.01E+00	2.40E+01	4.81E+01	0.00E+00	0.00E+00	3.00E+02	2.80E+03	4.27E+03	0.00E+00	8.00E+00	6.80E+01	3.27E+03	4.60E+04	1.11E+02	0.00E+00	4.27E+03	5.90E+00	4.21E+02	5.30E+02	1.11E+02	0.00E+00	0.00E+00	0.00E+00	1.20E+03
107214	5.80E+02	1.11E+03	2.00E+02	1.11E+03	0.00E+00	0.00E+00	2.10E+01	2.00E+00	8.94E+03	1.11E+04	0.00E+00	4.87E+01	1.40E+00	3.34E+00	1.60E+01	3.00E+01	0.00E+00	0.00E+00	2.00E+02	1.80E+03	2.81E+02	0.00E+00	5.30E+00	4.90E+01	2.10E+02	4.37E+04	7.40E+01	0.00E+00	2.81E+02	3.00E+00	2.81E+02	3.00E+02	7.40E+01	0.00E+00	0.00E+00	0.00E+00	8.00E+01
107399	2.00E+02	5.50E+00	1.00E+02	5.50E+00	0.00E+00	0.00E+00	1.00E+01	1.40E+00	3.47E+03	5.57E+02	0.00E+00	2.44E+00	6.00E+00	1.07E+00	7.99E+00	1.54E+01	0.00E+00	0.00E+00	1.00E+02	9.30E+00	1.40E+02	0.00E+00	2.60E+00	2.20E+00	1.00E+02	2.10E+04	3.71E+01	0.00E+00	1.40E+02	1.97E+00	1.40E+02	1.77E+02	3.71E+01	0.00E+00	0.00E+00	0.00E+00	4.20E+01
107405	4.30E+02	8.34E+00	1.53E+02	8.32E+00	0.00E+00	0.00E+00	1.57E+01	2.18E+00	9.20E+03	8.30E+02	0.00E+00	3.80E+01	1.00E+00	2.00E+00	1.20E+01	2.31E+01	0.00E+00	0.00E+00	1.80E+02	1.61E+03	2.10E+03	0.00E+00	4.04E+00	3.44E+01	1.64E+03	3.20E+04	5.97E+01	0.00E+00	2.10E+03	2.90E+00	2.10E+02	2.80E+02	5.97E+01	0.00E+00	0.00E+00	0.00E+00	6.30E+01
107498	2.00E+02	5.50E+00	1.00E+02	5.50E+00	0.00E+00	0.00E+00	1.00E+01	1.40E+00	3.47E+03	5.57E+02	0.00E+00	2.44E+00	6.00E+00	1.07E+00	7.99E+00	1.54E+01	0.00E+00	0.00E+00	1.00E+02	9.30E+00	1.40E+02	0.00E+00	2.60E+00	2.20E+00	1.00E+02	2.10E+04	3.71E+01	0.00E+00	1.40E+02	1.97E+00	1.40E+02	1.77E+02	3.71E+01	0.00E+00	0.00E+00	0.00E+00	4.20E+01
107764	3.70E+02	1.67E+03	3.07E+02	1.68E+03	0.00E+00	0.00E+00	3.10E+01	4.30E+00	1.04E+02	1.67E+03	0.00E+00	7.31E+01	2.10E+00	5.01E+00	2.40E+01	4.81E+01	0.00E+00	0.00E+00	3.00E+02	2.80E+03	4.27E+03	0.00E+00	8.00E+00	6.80E+01	3.27E+03	4.60E+04	1.11E+02	0.00E+00	4.27E+03	5.90E+00	4.21E+02	5.30E+02	1.11E+02	0.00E+00	0.00E+00	0.00E+00	1.20E+03
108815	1.10E+01	3.10E+03	4.01E+02	2.17E+03	0.00E+00	0.00E+00	4.11E+01	5.73E+00	1.30E+02	2.18E+03	0.00E+00	9.54E+01	2.74E+00	5.54E+00	3.13E+01	6.02E+01	0.00E+00	0.00E+00	3.00E+02	3.00E+03	5.40E+03	0.00E+00	1.00E+00	8.80E+01	3.27E+03	6.60E+04	1.11E+02	0.00E+00	4.21E+03	5.90E+00	4.21E+02	5.30E+02	1.11E+02	0.00E+00	0.00E+00	0.00E+00	1.20E+03
108822	8.00E+02	1.53E+03	2.81E+02	1.53E+03	0.00E+00	0.00E+00	2.80E+01	4.02E+00	9.54E+03	1.53E+04	0.00E+00	6.70E+01	1.80E+00	4.50E+00	2.20E+01	4.20E+01	0.00E+00	0.00E+00	2.70E+02	2.20E+03	3.80E+03	0.00E+00	7.41E+00	6.30E+01	3.00E+03	5.00E+04	1.02E+02	0.00E+00	3.80E+03	5.41E+00	3.80E+02	4.80E+02	1.02E+02	0.00E+00	0.00E+00	0.00E+00	1.17E+03
108839	1.07E+01	2.04E+03	3.70E+02	2.02E+03	0.00E+00	0.00E+00	3.80E+01	5.37E+00	1.27E+02	2.04E+03	0.00E+00	8.00E+01	2.50E+00	5.10E+00	2.90E+01	5.64E+01	0.00E+00	0.00E+00	3.07E+02	3.44E+03	5.14E+03	0.00E+00	9.80E+00	8.40E+01	4.00E+03	7.00E+04	1.30E+02	0.00E+00	5.14E+03	7.21E+00	5.14E+02	6.91E+02	1.30E+02	0.00E+00	0.00E+00	0.00E+00	1.60E+03
SA240	6.70E+02	1.31E+03	2.41E+02	1.31E+03	0.00E+00	0.00E+00	2.40E+01	4.30E+00	8.10E+03	1.31E+04	0.00E+00	5.75E+01	1.60E+00	3.94E+00	1.80E+01	3.63E+01	0.00E+00	0.00E+00	2.30E+02	2.21E+03	3.31E+03	0.00E+00	6.30E+00	5.41E+01	2.37E+03	5.00E+04	8.70E+01	0.00E+00	3.31E+03	4.64E+00	3.10E+02	4.10E+02	8.70E+01	0.00E+00	0.00E+00	0.00E+00	1.00E+03
SA263	1.80E+02	3.10E+03	6.00E+02	3.10E+03	0.00E+00	0.00E+00	6.00E+01	8.71E+00	2.00E+02	3.10E+03	0.00E+00	1.40E+01	3.80E+00	4.50E+00	2.40E+01	9.10E+01	0.00E+00	0.00E+00	5.90E+02	5.90E+03	8.90E+03	0.00E+00	1.30E+00	8.00E+01	3.00E+03	1.20E+04	2.21E+02	0.00E+00	8.90E+03	1.20E+02	8.90E+02	2.21E+02	0.00E+00	0.00E+00	0.00E+00	2.50E+03	
SA280	3.01E+01	5.71E+03	1.00E+02	5.71E+03	0.00E+00	0.00E+00	1.00E+02	1.03E+04	3.90E+02	5.73E+03	0.00E+00	2.00E+02	7.10E+00	1.72E+01	8.21E+01	1.10E+02	0.00E+00	0.00E+00	1.00E+01	9.04E+01	1.44E+02	0.00E+00	2.77E+01	2.30E+02	1.12E+03	2.21E+03	3.81E+02	0.00E+00	1.44E+02	2.02E+02	1.44E+02	1.82E+02	3.81E+02	0.00E+00	0.00E+00	0.00E+00	4.37E+03
SA440	1.90E+01	3.71E+03	6.80E+02	3.70E+03	0.00E+00	0.00E+00	7.01E+01	9.77E+00	2.32E+02	3.70E+03	0.00E+00	1.62E+01	4.60E+00	1.11E+01	5.32E+01	1.02E+02	0.00E+00	0.00E+00	6.60E+02	6.20E+03	9.30E+03	0.00E+00	1.80E+01	1.00E+02	2.20E+03	1.44E+03	2.40E+02	0.00E+00	9.30E+03	1.31E+02	1.90E+02	1.40E+02	0.00E+00	0.00E+00	0.00E+00	2.84E+03	
SA463	3.94E+01	6.92E+03	1.20E+02	6.91E+03	0.00E+00	0.00E+00	1.20E+02	1.77E+04	4.07E+02	6.94E+03	0.00E+00	2.80E+02	8.21E+00	1.90E+01	9.30E+01	1.81E+02	0.00E+00	0.00E+00	1.17E+01	1.11E+02	1.00E+02	0.00E+00	3.10E+01	2.60E+02	1.20E+03	2.53E+03	4.30E+02	0.00E+00	1.00E+02	2.31E+02	2.00E+02	1.82E+02	4.30E+02	0.00E+00	0.00E+00	0.00E+00	5.00E+03
SA480	5.10E+01	8.10E+03	1.60E+02	8.10E+03	0.00E+00	0.00E+00	1.60E+02	2.67E+04	5.02E+02	1.60E+04	0.00E+00	4.44E+02	1.27E+04	2.90E+02	1.82E+01	2.81E+02	0.00E+00	0.00E+00	1.90E+01	1.71E+02	1.00E+02	0.00E+00	4.10E+01	3.50E+02	1.60E+03	3.67E+03	6.70E+02	0.00E+00	1.00E+02	2.50E+02	2.20E+02	1.97E+02	5.70E+02	0.00E+00	0.00E+00	0.00E+00	7.50E+03
SBB116	1.20E+02	2.30E+03	4.20E+02	2.31E+03	0.00E+00	0.00E+00	4.20E+01	6.10E+04	1.40E+03	2.30E+03	0.00E+00	1.02E+01	2.91E+01	9.60E+00	3.30E+00	6.41E+02	0.00E+00	0.00E+00	4.17E+02	3.91E+02	5.80E+02	0.00E+00	1.13E+00	9.90E+00	4.50E+03	9.07E+03	1.00E+01	0.00E+00	5.80E+02	1.81E+02	7.30E+01	1.50E+01	0.00E+00	0.00E+00	0.00E+00	1.77E+01	
SBB125	2.44E+02	4.40E+03	8.50E+02	4.42E+03	0.00E+00	0.00E+00	8.70E+01	1.22E+04	2.80E+02	4.44E+02	0.00E+00	2.02E+01	5.62E+01	1.30E+02	6.60E+01	1.20E+02	0.00E+00	0.00E+00	6.34E+02	7.62E+02	1.17E+03	0.00E+00	2.24E+00	1.91E+02	9.10E+03	1.70E+04	3.00E+01	0.00E+00	1.17E+03	1.64E+00	1.17E+02	1.40E+02	3.00E+01	0.00E+00	0.00E+00	0.00E+00	3.50E+01
SBB132	3.90E+02	7.41E+03	1.30E+02	7.40E+03	0.00E+00	0.00E+00	1.40E+01	1.40E+04	4.02E+03	7.40E+03	0.00E+00	3.00E+01	9.32E+01	2.20E+02	1.07E+01	2.00E+01	0.00E+00	0.00E+00	1.30E+02	1.20E+03	1.87E+03	0.00E+00	3.00E+00	3.00E+01	1.40E+02	2.87E+04	4.90E+01	0.00E+00	1.87E+03	2.62E+00	1.87E+02	2.37E+02	4.90E+01	0.00E+00	0.00E+00	0.00E+00	5.60E+01
SBB216	2.20E+02	4.17E+03	7.07E+02	4.16E+03	0.00E+00	0.00E+00	7.00E+01	1.10E+04	2.60E+02	4.16E+03	0.00E+00	1.80E+01	5.24E+01	1.20E+02	5.90E+00	1.10E+01	0.00E+00	0.00E+00	7.51E+02	7.04E+02	1.00E+03	0.00E+00	2.02E+00	1.72E+02	8.10E+03	1.62E+04	2.70E+01	0.00E+00	1.00E+03	1.40E+00	1.00E+02	1.40E+02	2.70E+01	0.00E+00	0.00E+00	0.00E+00	2.10E+01
SBB225	4.44E+02	8.80E+03	1.60E+02	8.79E+03	0.00E+00	0.00E+00	1.60E+02	2.10E+04	5.40E+03	8.80E+03	0.00E+00	3.60E+01	1.11E+04	2.64E+02	1.20E+01	2.44E+01	0.00E+00	0.00E+00	5.90E+02	5.90E+03	8.90E+03	0.00E+00	1.30E+00	8.00E+01	3.00E+03	1.20E+04	2.21E+02	0.00E+00	8.90E+03	1.20E+02	8.90E+02	2.21E+02	0.00E+00	0.00E+00	0.00E+00	4.50E+03	
SBB232	7.90E+02	1.44E+03	2.60E+02	1.43E+03	0.00E+00	0.00E+00	2.71E+01	3.70E+00	8.90E+02	1.44E+03	0.00E+00	6.20E+01	1.81E+00	4.31E+00	2.00E+01	3.97E+01	0.00E+00	0.00E+00	3.00E+02	2.50E+02	3.60E+02	0.00E+00	6.90E+00	5.90E+01	2.60E+03	5.90E+04	9.90E+01	0.00E+00	3.60E+03	5.00E+00	3.60E+02	4.90E+02	3.60E+02	0.00E+00	0.00E+00	0.00E+00	1.10E+03
SBM216	1.90E+02	3.70E+03	6.80E+02	3.70E+03	0.00E+00	0.00E+00	7.00E+01	9.70E+00	2.31E+02	3.71E+02	0.00E+00	1.62E+01	4.60E+00	1.11E+01	5.32E+01	1.02E+02	0.00E+00	0.00E+00	6.67E+02	6.20E+03	9.30E+03	0.00E+00	1.80E+00	1.00E+02	2.20E+03	1.44E+04	2.40E+01	0.00E+00	9.30E+03	1.31E+02	1.90E+02	1.40E+02	0.00E+00	0.00E+00	0.00E+00	2.84E+01	
SBM225	4.77E+02	8.34E+03	1.53E+02	8.32E+03	0.00E+00	0.00E+00	1.57E+01	2.18E+00	9.20E+03	8.30E+02	0.00E+00	3.80E+01	1.00E+00	2.00E+00	1.20E+01	2.31E+01	0.00E+00	0.00E+00	1.80E+02	1.61E+03	2.10E+03	0.00E+00	4.04E+00	3.44E+01	1.64E+03	3.20E+04	5.97E+01	0.00E+00	2.10E+03	2.90E+00	2.10E+02	2.80E+02	5.97E+01				

SBR340	7.83E-01	1.12E-01	2.81E-02	1.52E-01	0.00E+00	0.00E+00	2.88E-01	4.02E-01	9.54E-03	1.52E-01	0.00E+00	6.70E-01	1.92E-01	4.58E-01	2.23E-01	4.22E-01	0.00E+00	0.00E+00	2.75E-02	2.38E+00	3.88E-02	0.00E+00	7.41E-08	6.30E-07	3.00E-02	5.93E-04	1.02E+00	0.00E+00	3.88E-02	5.41E-08	3.88E+00	4.88E+00	1.02E+00	0.00E+00	0.00E+00	0.00E+00	1.17E+00
SBR363	1.68E-01	3.20E-01	5.88E-02	3.18E-01	0.00E+00	0.00E+00	6.94E-01	8.41E-01	1.98E-02	3.20E-01	0.00E+00	1.40E+00	4.02E-01	9.80E-01	4.59E-01	8.84E-01	0.00E+00	0.00E+00	5.78E-02	5.40E+00	8.07E-02	0.00E+00	1.93E-07	1.32E-06	8.28E-02	2.10E-02	0.00E+00	8.07E-02	1.19E-05	8.07E+00	1.02E+00	2.13E+00	0.00E+00	0.00E+00	0.00E+00	2.45E+00	
SBR364	1.68E-01	3.20E-01	5.88E-02	3.02E-01	0.00E+00	0.00E+00	5.77E-01	8.88E-01	1.91E-02	3.00E-01	0.00E+00	1.34E+00	3.84E-01	9.18E-01	4.38E-01	8.46E-01	0.00E+00	0.00E+00	5.58E-02	5.18E+00	7.72E-02	0.00E+00	1.48E-07	1.28E-06	8.00E-02	2.04E-02	0.00E+00	7.72E-02	1.08E-05	7.72E+00	9.78E-02	2.04E-02	0.00E+00	0.00E+00	0.00E+00	2.34E+00	
SBR390	2.26E-01	3.75E+00	6.90E-02	3.74E-01	0.00E+00	0.00E+00	7.08E-01	9.88E-01	2.34E-02	3.70E-01	0.00E+00	1.64E+00	4.72E-01	1.13E-01	5.30E-01	1.04E+00	0.00E+00	0.00E+00	6.70E-02	6.32E+00	9.47E-02	0.00E+00	1.82E-07	1.55E-06	7.37E-02	2.91E-02	0.00E+00	9.47E-02	1.32E-05	8.47E+00	1.20E+00	2.91E-02	0.00E+00	0.00E+00	0.00E+00	2.87E+00	
SBR390	4.90E-01	1.64E+01	7.45E-01	7.62E-01	0.00E+00	0.00E+00	1.44E+00	2.01E+00	4.73E-02	7.60E-01	0.00E+00	3.25E+00	8.16E-01	1.24E-01	2.11E-01	2.11E+00	0.00E+00	0.00E+00	1.38E-01	1.28E+01	3.17E-02	0.00E+00	3.71E-06	3.15E-05	1.00E-01	5.91E-02	0.00E+00	3.17E-02	4.28E-05	3.15E+00	4.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.58E+00	
SBR440	1.12E-01	2.04E+00	3.78E-02	2.02E-01	0.00E+00	0.00E+00	3.88E-01	5.36E-01	1.27E-02	2.04E-01	0.00E+00	8.92E-01	2.56E-01	6.12E-01	2.93E-01	5.84E-01	0.00E+00	0.00E+00	3.87E-02	3.44E+00	3.14E+00	0.00E+00	8.88E-08	8.40E-07	4.00E-02	7.88E-04	1.38E-02	0.00E+00	3.14E+00	7.21E-05	5.14E-02	8.91E+00	1.38E-02	0.00E+00	0.00E+00	1.96E+00	
SBR463	2.34E-01	4.28E-01	7.84E-02	4.28E-01	0.00E+00	0.00E+00	6.05E-01	1.12E+00	2.85E-02	4.27E-01	0.00E+00	1.87E+00	5.36E-01	1.28E-01	6.13E-01	1.18E+00	0.00E+00	0.00E+00	7.87E-02	7.18E+00	1.08E-02	0.00E+00	2.08E-07	1.78E-06	8.37E-02	2.88E-02	0.00E+00	1.08E-02	1.51E-05	1.08E+00	2.85E-02	0.00E+00	0.00E+00	0.00E+00	3.26E+00		
SBT116	9.48E-01	1.85E+00	3.47E-02	1.83E-01	0.00E+00	0.00E+00	3.50E+00	4.88E-01	1.16E-03	1.83E-02	0.00E+00	8.12E-02	2.33E-01	5.98E-01	2.88E-01	5.13E-02	0.00E+00	0.00E+00	3.32E-03	3.13E-01	4.88E-01	0.00E+00	8.88E-09	7.84E-08	3.64E-03	7.18E-05	1.24E-01	0.00E+00	4.88E-01	6.55E-07	4.88E-01	3.91E-01	1.24E-01	0.00E+00	0.00E+00	1.42E-01	
SBT125	2.14E-01	3.36E-01	2.58E-02	2.14E-01	0.00E+00	0.00E+00	3.78E-01	3.68E-01	8.47E-03	2.14E-01	0.00E+00	6.58E-01	1.75E-01	4.09E-01	2.58E-01	5.09E-01	0.00E+00	0.00E+00	7.58E-03	7.94E-01	1.05E-01	0.00E+00	2.02E-08	1.72E-07	8.18E-03	1.62E-04	2.78E-01	0.00E+00	1.05E-01	1.05E-01	1.24E-01	2.58E-02	0.00E+00	0.00E+00	1.34E-01		
SBT132	3.86E-02	6.95E+00	1.28E-02	6.93E-02	0.00E+00	0.00E+00	1.31E-01	1.83E-01	4.34E-03	6.97E-02	0.00E+00	3.95E-01	8.74E-01	2.08E-01	9.98E-01	1.92E-01	0.00E+00	0.00E+00	1.25E-02	1.17E+00	1.75E+00	0.00E+00	3.37E-08	2.87E-07	1.36E-03	2.88E-04	4.94E-01	0.00E+00	1.75E+00	2.48E-05	1.75E-02	2.22E+00	4.64E-01	0.00E+00	0.00E+00	5.32E-01	
SBT216	1.95E-02	3.70E+00	6.82E-03	3.70E-02	0.00E+00	0.00E+00	7.00E-01	9.75E-01	2.37E-03	3.71E-02	0.00E+00	1.62E-01	4.65E-01	1.11E-01	5.33E-01	1.02E-01	0.00E+00	0.00E+00	6.87E-03	6.23E-01	9.35E-01	0.00E+00	1.82E-08	1.53E-07	7.28E-03	1.44E-04	2.47E-01	0.00E+00	9.35E-01	1.31E-05	9.32E-01	1.18E-02	2.47E-01	0.00E+00	0.00E+00	2.84E-01	
SBT225	4.98E-02	8.34E+00	1.53E-02	8.32E-02	0.00E+00	0.00E+00	1.57E-01	2.18E-01	5.20E-03	8.30E-02	0.00E+00	3.93E-01	8.75E-01	2.05E-01	1.20E-01	2.31E-01	0.00E+00	0.00E+00	1.50E-02	1.41E+00	2.10E+00	0.00E+00	4.04E-08	3.44E-07	1.64E-03	3.23E-04	5.57E-01	0.00E+00	2.10E+00	2.95E-05	2.10E+00	2.88E+00	5.57E-01	0.00E+00	0.00E+00	6.38E-01	
SBT232	7.32E-02	1.36E-01	2.58E-02	7.32E-02	0.00E+00	0.00E+00	2.62E-01	3.68E-01	8.87E-03	1.36E-01	0.00E+00	6.08E-01	1.75E-01	4.09E-01	2.58E-01	5.09E-01	0.00E+00	0.00E+00	7.58E-03	7.94E-01	1.05E-01	0.00E+00	2.02E-08	1.72E-07	8.18E-03	1.62E-04	2.78E-01	0.00E+00	1.05E-01	1.05E-01	1.24E-01	2.58E-02	0.00E+00	0.00E+00	1.34E-01		
SF263	8.78E-02	1.87E+00	3.07E-02	1.86E-01	0.00E+00	0.00E+00	3.15E-01	4.33E-01	1.04E-02	1.87E-01	0.00E+00	7.31E-01	2.10E-01	5.01E-01	2.42E-01	4.61E-01	0.00E+00	0.00E+00	3.03E-02	2.82E+00	4.21E-02	0.00E+00	8.09E-08	6.88E-07	3.27E-03	6.48E-04	1.11E-02	0.00E+00	4.21E-02	5.90E-05	4.21E-02	5.32E+00	1.11E-02	0.00E+00	0.00E+00	1.28E+00	
SF463	1.71E-01	3.35E-01	6.14E-02	3.34E-01	0.00E+00	0.00E+00	6.38E-01	8.78E-01	2.08E-02	3.34E-01	0.00E+00	1.46E+00	4.18E-01	1.05E-01	4.79E-01	9.23E-01	0.00E+00	0.00E+00	6.03E-02	5.82E+00	8.42E-02	0.00E+00	1.62E-07	1.38E-06	6.55E-02	1.28E-03	2.23E-02	0.00E+00	8.42E-02	1.08E-03	2.23E-02	0.00E+00	0.00E+00	0.00E+00	2.55E+00		
SFB116	2.94E-01	1.85E+00	3.47E-02	1.83E-01	0.00E+00	0.00E+00	3.50E+00	4.88E-01	1.16E-03	1.83E-02	0.00E+00	8.12E-02	2.33E-01	5.98E-01	2.88E-01	5.13E-02	0.00E+00	0.00E+00	3.32E-03	3.13E-01	4.88E-01	0.00E+00	8.88E-09	7.84E-08	3.64E-03	7.18E-05	1.24E-01	0.00E+00	4.88E-01	6.55E-07	4.88E-01	3.91E-01	1.24E-01	0.00E+00	0.00E+00	1.42E-01	
SFB125	2.14E-01	3.36E-01	2.58E-02	2.14E-01	0.00E+00	0.00E+00	3.78E-01	3.68E-01	8.47E-03	2.14E-01	0.00E+00	6.58E-01	1.75E-01	4.09E-01	2.58E-01	5.09E-01	0.00E+00	0.00E+00	7.58E-03	7.94E-01	1.05E-01	0.00E+00	2.02E-08	1.72E-07	8.18E-03	1.62E-04	2.78E-01	0.00E+00	1.05E-01	1.05E-01	1.24E-01	2.58E-02	0.00E+00	0.00E+00	1.34E-01		
SFB132	3.86E-02	6.95E+00	1.28E-02	6.93E-02	0.00E+00	0.00E+00	1.31E-01	1.83E-01	4.34E-03	6.97E-02	0.00E+00	3.95E-01	8.74E-01	2.08E-01	9.98E-01	1.92E-01	0.00E+00	0.00E+00	1.25E-02	1.17E+00	1.75E+00	0.00E+00	3.37E-08	2.87E-07	1.36E-03	2.88E-04	4.94E-01	0.00E+00	1.75E+00	2.48E-05	1.75E-02	2.22E+00	4.64E-01	0.00E+00	0.00E+00	5.32E-01	
SFB216	1.95E-02	3.71E+00	6.82E-03	3.70E-02	0.00E+00	0.00E+00	7.00E-01	9.75E-01	2.37E-03	3.71E-02	0.00E+00	1.62E-01	4.65E-01	1.11E-01	5.33E-01	1.02E-01	0.00E+00	0.00E+00	6.87E-03	6.23E-01	9.35E-01	0.00E+00	1.82E-08	1.53E-07	7.28E-03	1.44E-04	2.47E-01	0.00E+00	9.35E-01	1.31E-05	9.32E-01	1.18E-02	2.47E-01	0.00E+00	0.00E+00	2.84E-01	
SFB225	4.97E-02	8.34E+00	1.53E-02	8.32E-02	0.00E+00	0.00E+00	1.57E-01	2.18E-01	5.20E-03	8.30E-02	0.00E+00	3.93E-01	8.75E-01	2.05E-01	1.20E-01	2.31E-01	0.00E+00	0.00E+00	1.50E-02	1.41E+00	2.10E+00	0.00E+00	4.04E-08	3.44E-07	1.64E-03	3.23E-04	5.57E-01	0.00E+00	2.10E+00	2.95E-05	2.10E+00	2.88E+00	5.57E-01	0.00E+00	0.00E+00	6.38E-01	
SFB232	7.32E-02	1.36E-01	2.58E-02	7.32E-02	0.00E+00	0.00E+00	2.62E-01	3.68E-01	8.87E-03	1.36E-01	0.00E+00	6.08E-01	1.75E-01	4.09E-01	2.58E-01	5.09E-01	0.00E+00	0.00E+00	7.58E-03	7.94E-01	1.05E-01	0.00E+00	2.02E-08	1.72E-07	8.18E-03	1.62E-04	2.78E-01	0.00E+00	1.05E-01	1.05E-01	1.24E-01	2.58E-02	0.00E+00	0.00E+00	1.34E-01		
SFH125	2.12E-02	4.17E+00	6.14E-02	4.16E-02	0.00E+00	0.00E+00	7.88E-01	1.18E-01	2.85E-03	4.16E-02	0.00E+00	1.83E-01	5.24E-01	1.26E-01	5.98E-01	1.15E-01	0.00E+00	0.00E+00	6.78E-03	6.24E-01	1.05E-01	0.00E+00	2.02E-08	1.72E-07	8.18E-03	1.62E-04	2.78E-01	0.00E+00	1.05E-01	1.05E-01	1.24E-01	2.58E-02	0.00E+00	0.00E+00	1.34E-01		
SFH132	3.86E-02	6.95E+00	1.28E-02	6.93E-02	0.00E+00	0.00E+00	1.31E-01	1.83E-01	4.34E-03	6.97E-02	0.00E+00	3.95E-01	8.74E-01	2.08E-01	9.98E-01	1.92E-01	0.00E+00	0.00E+00	1.25E-02	1.17E+00	1.75E+00	0.00E+00	3.37E-08	2.87E-07	1.36E-03	2.88E-04	4.94E-01	0.00E+00	1.75E+00	2.48E-05	1.75E-02	2.22E+00	4.64E-01	0.00E+00	0.00E+00	5.32E-01	
SFH225	4.98E-02	8.34E+00	1.53E-02	8.32E-02	0.00E+00	0.00E+00	1.57E-01	2.18E-01	5.20E-03	8.30E-02	0.00E+00	3.93E-01	8.75E-01	2.05E-01	1.20E-01	2.31E-01	0.00E+00	0.00E+00	1.50E-02	1.41E+00	2.10E+00	0.00E+00	4.04E-08	3.44E-07	1.64E-03	3.23E-04	5.57E-01	0.00E+00	2.10E+00	2.95E-05	2.10E+00	2.88E+00	5.57E-01	0.00E+00	0.00E+00	6.38E-01	
SFH232	7.32E-02	1.36E-01	2.58E-02	7.32E-02	0.00E+00	0.00E+00	2.62E-01	3.68E-01	8.87E-03	1.36E-01	0.00E+00	6.08E-01	1.75E-01	4.09E-01	2.58E-01	5.09E-01	0.00E+00	0.00E+00	7.58E-03	7.94E-01	1.05E-01	0.00E+00	2.02E-08	1.72E-07	8.18E-03	1.62E-04	2.78E-01	0.00E+00	1.05E-01	1.05E-01	1.24E-01	2.58E-02	0.00E+00	0.00E+00	1.34E-01		
SFL116	8.88E-01	1.85E+00	3.47E-02	1.83E-01	0.00E+00	0.00E+00	3.50E+00	4.88E-01	1.16E-03	1.83E-02	0.00E+00	8.12E-02	2.33E-01	5.98E-01	2.88E-01	5.13E-02	0.00E+00	0.00E+00	3.32E-03	3.13E-01	4.88E-01	0.00E+00	8.88E-09	7.84E-08	3.64E-03	7.18E-05	1.24E-01	0.00E+00	4.8								

	SBN216	7.11E-04	1.25E-01	2.77E-03	1.23E-01	0.00E+00	0.00E+00	5.14E-01	9.04E-01	3.80E-04	1.08E-03	0.00E+00	-2.12E-05	8.35E-11	4.05E-09	3.47E-03	1.68E-01	0.00E+00	0.00E+00	4.14E-01	2.91E-04	8.02E-01	0.00E+00	6.81E-09	3.48E-09	2.85E-04	1.55E-09	7.68E-02	0.00E+00	8.02E-01	1.38E-07	8.02E-01	8.75E-01	7.68E-02	0.00E+00	0.00E+00	0.00E+00	1.48E-01
	SBN216N	9.47E-04	1.56E-01	5.49E-03	1.56E-01	0.00E+00	0.00E+00	1.11E+00	2.14E-04	9.28E-04	1.52E-03	0.00E+00	1.25E-04	2.33E-10	1.38E-08	5.53E-03	3.85E-01	0.00E+00	0.00E+00	6.82E-01	4.23E-04	1.28E+00	0.00E+00	1.15E-08	5.25E-09	4.03E-04	2.23E-08	1.32E-01	0.00E+00	1.28E+00	1.43E-07	1.28E+00	1.25E+00	1.32E-01	0.00E+00	0.00E+00	0.00E+00	3.14E-01
	SBN216P	7.71E-04	1.27E-01	2.88E-03	1.24E-01	0.00E+00	0.00E+00	5.24E-01	9.15E-01	3.87E-04	1.08E-03	0.00E+00	-2.13E-05	8.45E-11	4.17E-09	3.48E-03	1.68E-01	0.00E+00	0.00E+00	4.14E-01	2.74E-04	8.04E-01	0.00E+00	6.94E-09	3.50E-09	2.95E-04	1.54E-09	7.76E-02	0.00E+00	8.04E-01	1.37E-07	8.04E-01	8.80E-01	7.76E-02	0.00E+00	0.00E+00	0.00E+00	1.45E-01
	SBN225	7.11E-04	1.25E-01	2.77E-03	1.23E-01	0.00E+00	0.00E+00	5.14E-01	9.04E-01	3.80E-04	1.08E-03	0.00E+00	-2.12E-05	8.35E-11	4.05E-09	3.47E-03	1.68E-01	0.00E+00	0.00E+00	4.14E-01	2.91E-04	8.02E-01	0.00E+00	6.81E-09	3.48E-09	2.85E-04	1.55E-09	7.68E-02	0.00E+00	8.02E-01	1.38E-07	8.02E-01	8.75E-01	7.68E-02	0.00E+00	0.00E+00	0.00E+00	1.45E-01
	SBN225N	1.03E-03	1.57E-01	5.59E-03	1.56E-01	0.00E+00	0.00E+00	1.13E+00	2.14E-04	9.30E-04	1.53E-03	0.00E+00	1.25E-04	2.33E-10	1.40E-08	5.56E-03	3.90E-01	0.00E+00	0.00E+00	6.84E-01	4.23E-04	1.28E+00	0.00E+00	1.15E-08	5.25E-09	4.03E-04	2.23E-08	1.32E-01	0.00E+00	1.28E+00	1.43E-07	1.28E+00	1.25E+00	1.32E-01	0.00E+00	0.00E+00	0.00E+00	3.15E-01
	SBN225P	7.58E-04	1.27E-01	2.78E-03	1.24E-01	0.00E+00	0.00E+00	5.20E-01	9.13E-01	3.84E-04	1.08E-03	0.00E+00	-2.13E-05	8.35E-11	4.08E-09	3.48E-03	1.68E-01	0.00E+00	0.00E+00	4.14E-01	2.74E-04	8.02E-01	0.00E+00	6.94E-09	3.50E-09	2.95E-04	1.54E-09	7.76E-02	0.00E+00	8.02E-01	1.37E-07	8.02E-01	8.80E-01	7.76E-02	0.00E+00	0.00E+00	0.00E+00	1.45E-01
	SBN232	1.11E-03	1.25E-01	2.77E-03	1.23E-01	0.00E+00	0.00E+00	5.14E-01	9.04E-01	3.80E-04	1.08E-03	0.00E+00	-2.12E-05	8.35E-11	4.05E-09	3.47E-03	1.68E-01	0.00E+00	0.00E+00	4.14E-01	2.91E-04	8.02E-01	0.00E+00	6.81E-09	3.48E-09	2.85E-04	1.55E-09	7.68E-02	0.00E+00	8.02E-01	1.38E-07	8.02E-01	8.75E-01	7.68E-02	0.00E+00	0.00E+00	0.00E+00	1.45E-01
	SBN232N	1.03E-03	1.57E-01	5.59E-03	1.56E-01	0.00E+00	0.00E+00	1.13E+00	2.14E-04	9.30E-04	1.53E-03	0.00E+00	1.25E-04	2.33E-10	1.40E-08	5.56E-03	3.90E-01	0.00E+00	0.00E+00	6.84E-01	4.23E-04	1.28E+00	0.00E+00	1.15E-08	5.25E-09	4.03E-04	2.23E-08	1.32E-01	0.00E+00	1.28E+00	1.43E-07	1.28E+00	1.25E+00	1.32E-01	0.00E+00	0.00E+00	0.00E+00	3.15E-01
	SBN232P	7.82E-04	1.27E-01	2.82E-03	1.24E-01	0.00E+00	0.00E+00	5.22E-01	9.14E-01	3.85E-04	1.08E-03	0.00E+00	-2.13E-05	8.45E-11	4.10E-09	3.48E-03	1.68E-01	0.00E+00	0.00E+00	4.15E-01	2.74E-04	8.05E-01	0.00E+00	6.94E-09	3.50E-09	2.95E-04	1.54E-09	7.76E-02	0.00E+00	8.05E-01	1.37E-07	8.05E-01	8.82E-01	7.76E-02	0.00E+00	0.00E+00	0.00E+00	1.45E-01
	SBN233	2.74E-03	2.31E-01	7.58E-03	2.43E-01	0.00E+00	0.00E+00	1.10E+00	1.91E-04	1.08E-03	2.18E-03	0.00E+00	-2.15E-04	1.83E-10	1.14E-08	7.31E-03	3.94E-01	0.00E+00	0.00E+00	9.22E-01	2.89E-03	1.83E+00	0.00E+00	1.38E-08	7.44E-09	5.59E-04	8.55E-08	1.75E-01	0.00E+00	1.83E+00	2.29E-07	1.83E+00	1.92E+00	1.75E-01	0.00E+00	0.00E+00	0.00E+00	3.35E-01
	SBN233N	2.47E-03	2.31E-01	7.49E-03	2.43E-01	0.00E+00	0.00E+00	1.12E+00	1.93E-04	1.07E-03	2.18E-03	0.00E+00	-2.13E-04	1.83E-10	1.12E-08	7.32E-03	3.93E-01	0.00E+00	0.00E+00	9.19E-01	2.72E-03	1.83E+00	0.00E+00	1.38E-08	7.54E-09	6.02E-04	8.55E-08	1.75E-01	0.00E+00	1.83E+00	2.32E-07	1.83E+00	1.92E+00	1.75E-01	0.00E+00	0.00E+00	0.00E+00	3.35E-01
	SBN240	1.74E-03	2.31E-01	7.58E-03	2.43E-01	0.00E+00	0.00E+00	1.10E+00	1.91E-04	1.08E-03	2.18E-03	0.00E+00	-2.15E-04	1.83E-10	1.14E-08	7.31E-03	3.94E-01	0.00E+00	0.00E+00	9.22E-01	2.89E-03	1.83E+00	0.00E+00	1.38E-08	7.44E-09	5.59E-04	8.55E-08	1.75E-01	0.00E+00	1.83E+00	2.29E-07	1.83E+00	1.92E+00	1.75E-01	0.00E+00	0.00E+00	0.00E+00	3.35E-01
	SBN316	2.46E-03	2.65E-01	7.74E-03	2.58E-01	0.00E+00	0.00E+00	1.17E+00	2.05E-04	9.45E-04	2.35E-03	0.00E+00	-1.26E-04	1.95E-10	1.14E-08	7.50E-03	4.07E-01	0.00E+00	0.00E+00	9.75E-01	1.92E-03	1.78E+00	0.00E+00	1.56E-08	7.54E-09	6.35E-04	9.55E-08	1.76E-01	0.00E+00	1.78E+00	2.62E-07	1.78E+00	1.92E+00	1.75E-01	0.00E+00	0.00E+00	0.00E+00	3.45E-01
	SBN316N	1.35E-03	2.53E-01	7.32E-03	2.43E-01	0.00E+00	0.00E+00	1.14E+00	2.03E-04	8.83E-04	2.14E-03	0.00E+00	-9.53E-05	1.81E-10	1.07E-08	7.62E-03	3.88E-01	0.00E+00	0.00E+00	8.72E-01	1.52E-03	1.87E+00	0.00E+00	1.43E-08	7.25E-09	5.84E-04	4.71E-08	1.82E-01	0.00E+00	1.87E+00	2.49E-07	1.87E+00	1.75E+00	1.82E-01	0.00E+00	0.00E+00	0.00E+00	3.45E-01
	SBN316P	1.48E-03	2.54E-01	7.54E-03	2.52E-01	0.00E+00	0.00E+00	1.15E+00	2.05E-04	9.35E-04	2.25E-03	0.00E+00	-1.26E-04	1.87E-10	1.12E-08	8.02E-03	4.07E-01	0.00E+00	0.00E+00	8.75E-01	1.92E-03	1.78E+00	0.00E+00	1.52E-08	7.45E-09	6.35E-04	8.55E-08	1.85E-01	0.00E+00	1.78E+00	2.55E-07	1.82E+00	1.92E+00	1.68E-01	0.00E+00	0.00E+00	0.00E+00	3.45E-01
	SBN325	1.11E-03	1.25E-01	2.77E-03	1.23E-01	0.00E+00	0.00E+00	5.14E-01	9.04E-01	3.80E-04	1.08E-03	0.00E+00	-2.12E-05	8.35E-11	4.05E-09	3.47E-03	1.68E-01	0.00E+00	0.00E+00	4.14E-01	2.91E-04	8.02E-01	0.00E+00	6.81E-09	3.48E-09	2.85E-04	1.55E-09	7.68E-02	0.00E+00	8.02E-01	1.38E-07	8.02E-01	8.75E-01	7.68E-02	0.00E+00	0.00E+00	0.00E+00	1.45E-01
	SBN325N	1.27E-03	1.54E-01	5.49E-03	1.57E-01	0.00E+00	0.00E+00	1.09E+00	2.05E-04	9.05E-04	2.05E-03	0.00E+00	-9.55E-05	1.46E-10	1.05E-08	7.22E-03	3.84E-01	0.00E+00	0.00E+00	7.71E-01	2.14E-04	1.45E-04	0.00E+00	1.47E-08	6.41E-09	4.85E-04	4.55E-08	1.52E-01	0.00E+00	1.45E+00	2.49E-07	1.45E+00	1.91E+00	1.52E-01	0.00E+00	0.00E+00	0.00E+00	2.24E-01
	SBN325P	1.42E-03	1.54E-01	7.53E-03	1.42E-01	0.00E+00	0.00E+00	1.13E+00	2.04E-04	9.35E-04	2.14E-03	0.00E+00	-1.26E-04	1.83E-10	1.12E-08	7.62E-03	3.92E-01	0.00E+00	0.00E+00	8.74E-01	1.92E-03	1.87E+00	0.00E+00	1.43E-08	7.54E-09	6.35E-04	9.51E-08	1.82E-01	0.00E+00	1.87E+00	2.49E-07	1.87E+00	1.75E+00	1.82E-01	0.00E+00	0.00E+00	0.00E+00	3.45E-01
	SBN332	1.92E-03	2.65E-01	7.77E-03	2.61E-01	0.00E+00	0.00E+00	1.17E+00	2.07E-04	9.41E-04	2.32E-03	0.00E+00	-1.27E-04	1.85E-10	1.12E-08	8.17E-03	4.08E-01	0.00E+00	0.00E+00	8.78E-01	1.94E-03	1.78E+00	0.00E+00	1.55E-08	7.52E-09	6.35E-04	9.58E-08	1.76E-01	0.00E+00	1.78E+00	2.52E-07	1.78E+00	1.92E+00	1.75E-01	0.00E+00	0.00E+00	0.00E+00	3.45E-01
	SBN332N	1.34E-03	1.43E-01	5.88E-03	1.23E-01	0.00E+00	0.00E+00	9.05E-01	1.94E-04	7.22E-04	3.08E-03	0.00E+00	-1.26E-04	1.91E-10	1.78E-08	8.19E-03	3.18E-01	0.00E+00	0.00E+00	7.71E-01	1.95E-03	1.91E+00	0.00E+00	1.29E-08	6.45E-09	4.82E-04	5.78E-08	1.37E-01	0.00E+00	1.91E+00	2.47E-07	1.91E+00	1.92E+00	1.37E-01	0.00E+00	0.00E+00	0.00E+00	3.80E-01
	SBN332P	3.74E-03	2.32E-01	7.59E-03	2.43E-01	0.00E+00	0.00E+00	1.14E+00	2.03E-04	8.83E-04	2.14E-03	0.00E+00	-9.52E-05	1.78E-10	1.07E-08	7.58E-03	3.89E-01	0.00E+00	0.00E+00	8.74E-01	1.54E-03	1.85E+00	0.00E+00	1.43E-08	7.25E-09	5.84E-04	4.68E-08	1.85E-01	0.00E+00	1.85E+00	2.49E-07	1.85E+00	1.92E+00	1.68E-01	0.00E+00	0.00E+00	0.00E+00	3.45E-01
	SBN333	2.36E-03	1.23E-01	1.23E-02	3.17E-01	1.62E-03	3.08E-03	1.24E-03	2.68E-04	1.46E-03	0.00E+00	-3.24E-04	8.85E-09	1.26E-04	5.98E-04	5.92E-01	0.00E+00	0.00E+00	0.00E+00	4.93E-01	4.93E-04	2.44E+00	0.00E+00	1.11E-08	8.57E-04	1.28E-07	1.28E-07	2.57E-01	0.00E+00	4.93E+00	5.92E-07	4.93E+00	5.92E-07	0.00E+00	0.00E+00	0.00E+00	8.45E-01	
	SBN333N	3.15E-03	3.13E-01	1.05E-02	3.15E-01	0.00E+00	0.00E+00	1.92E+00	2.62E-03	1.46E-03	2.85E-03	0.00E+00	-3.15E-04	2.48E-10	1.48E-08	9.55E-04	5.13E-01	0.00E+00	0.00E+00	1.28E+00	4.33E-03	3.22E+00	0.00E+00	1.85E-08	1.92E-09	7.75E-04	1.21E-07	2.37E-01	0.00E+00	3.22E+00	2.52E-07	2.32E+00	2.32E+00	2.37E-01	0.00E+00	0.00E+00	0.00E+00	3.85E-01
	SBN340	4.18E-03	3.74E-01	1.13E-02	3.68E-01	0.00E+00	0.00E+00	1.63E+00	2.88E-03	1.63E-03	3.29E-03	0.00E+00	-3.22E-04	2.73E-10	1.70E-08	1.05E-02	5.58E-01	0.00E+00	0.00E+00	1.38E+00	4.38E-03	3.45E+00	0.00E+00	2.05E-08	1.11E-08	8.94E-04	1.28E-07	2.53E-01	0.00E+00	3.45E+00	3.38E-07	2.49E+00	2.75E+00	2.52E-01	0.00E+00	0.00E+00	0.00E+00	4.80E-01
	SBN363	3.84E-03	3.26E-01	1.15E-02	3.18E-01	0.00E+00	0.00E+00	1.52E+00	2.82E-03	1.48E-03	3.03E-03	0.00E+00	-3.28E-04	2.58E-10	1.47E-08	9.65E-04	5.18E-01	0.00E+00	0.00E+00	1.28E+00	4.54E-03	3.22E+00	0.00E+00	1.86E-08	1.93E-09	7.93E-04	1.28E-07	2.32E-01	0.00E+00	3.22E+00	2.52E-07							

Module D	SFT225N	1.315+0	2.455+0	6.215+0	2.365+0	0.005+0	0.005+0	8.635+0	1.465+0	7.185+0	2.055+0	0.005+0	-1.955+0	1.465+0	7.255+0	6.385+0	3.085+0	0.005+0	0.005+0	7.185+0	2.545+0	1.425+0	0.005+0	1.225+0	6.345+0	5.375+0	7.845+0	1.325+0	0.005+0	1.425+0	2.185+0	1.425+0	1.855+0	1.325+0	0.005+0	0.005+0	0.005+0	2.525+0		
	SFT232	1.335+0	2.425+0	6.235+0	2.365+0	0.005+0	0.005+0	8.635+0	1.475+0	7.225+0	2.055+0	0.005+0	-1.965+0	1.465+0	7.245+0	6.385+0	3.085+0	0.005+0	0.005+0	7.115+0	2.555+0	1.425+0	0.005+0	1.225+0	6.355+0	5.375+0	7.845+0	1.345+0	0.005+0	1.425+0	2.185+0	1.425+0	1.855+0	1.345+0	0.005+0	0.005+0	0.005+0	2.545+0		
	SFT240	1.325+0	2.425+0	6.235+0	2.365+0	0.005+0	0.005+0	8.625+0	1.475+0	7.225+0	2.055+0	0.005+0	-1.955+0	1.465+0	7.245+0	6.385+0	3.085+0	0.005+0	0.005+0	7.115+0	2.555+0	1.425+0	0.005+0	1.225+0	6.355+0	5.405+0	7.865+0	1.345+0	0.005+0	1.425+0	2.185+0	1.425+0	1.875+0	1.345+0	0.005+0	0.005+0	0.005+0	2.545+0		
	SFT240N	1.325+0	2.425+0	6.235+0	2.365+0	0.005+0	0.005+0	8.615+0	1.475+0	7.215+0	2.055+0	0.005+0	-1.955+0	1.475+0	7.255+0	6.405+0	3.085+0	0.005+0	0.005+0	7.125+0	2.545+0	1.425+0	0.005+0	1.225+0	6.345+0	5.395+0	7.855+0	1.345+0	0.005+0	1.425+0	2.185+0	1.425+0	1.875+0	1.345+0	0.005+0	0.005+0	0.005+0	2.535+0		
	SFT340	1.885+0	3.615+0	9.325+0	3.525+0	0.005+0	0.005+0	1.275+0	2.155+0	4.285+0	3.055+0	0.005+0	-2.945+0	2.175+0	1.115+0	9.455+0	6.625+0	0.005+0	0.005+0	1.055+0	3.915+0	2.125+0	0.005+0	1.825+0	9.455+0	8.085+0	1.185+0	1.185+0	0.005+0	2.125+0	3.225+0	2.125+0	2.325+0	1.985+0	0.005+0	0.005+0	0.005+0	3.755+0		
	SFT440	3.055+0	8.865+0	1.255+0	4.765+0	0.005+0	0.005+0	0.005+0	1.685+0	1.875+0	1.185+0	0.005+0	-3.955+0	3.095+0	1.145+0	9.455+0	6.625+0	0.005+0	0.005+0	1.055+0	3.915+0	2.125+0	0.005+0	1.825+0	9.455+0	8.085+0	1.185+0	1.185+0	0.005+0	2.125+0	3.225+0	2.125+0	2.325+0	1.985+0	0.005+0	0.005+0	0.005+0	3.755+0		
	SFT440N	3.015+0	8.735+0	1.335+0	4.825+0	0.005+0	0.005+0	1.865+0	2.765+0	2.175+0	4.355+0	0.005+0	-4.555+0	3.275+0	2.265+0	1.325+0	9.775+0	6.775+0	0.005+0	0.005+0	1.175+0	3.425+0	3.025+0	0.005+0	2.525+0	1.385+0	1.685+0	1.815+0	1.815+0	0.005+0	2.125+0	3.225+0	2.125+0	2.325+0	1.985+0	0.005+0	0.005+0	0.005+0	8.555+0	
	SH363K	2.795+0	3.745+0	6.435+0	3.715+0	0.005+0	0.005+0	1.435+0	2.765+0	1.335+0	3.855+0	0.005+0	-5.985+0	2.995+0	1.415+0	1.055+0	4.375+0	0.005+0	0.005+0	1.225+0	6.675+0	2.715+0	0.005+0	1.775+0	1.015+0	7.855+0	1.835+0	2.115+0	0.005+0	2.715+0	-3.275+0	2.715+0	2.455+0	2.175+0	0.005+0	0.005+0	0.005+0	3.765+0		
	SH363N	2.745+0	2.795+0	6.915+0	2.365+0	0.005+0	0.005+0	1.815+0	2.765+0	1.485+0	2.115+0	0.005+0	-5.185+0	2.425+0	1.885+0	8.755+0	6.975+0	0.005+0	0.005+0	1.225+0	6.615+0	1.985+0	0.005+0	1.615+0	8.855+0	6.325+0	1.875+0	2.175+0	0.005+0	1.985+0	2.825+0	1.985+0	2.275+0	2.175+0				4.575+0		
	SH363S	2.495+0	3.155+0	6.755+0	2.655+0	0.005+0	0.005+0	1.675+0	2.765+0	1.585+0	2.065+0	0.005+0	-5.165+0	2.735+0	1.145+0	9.455+0	6.625+0	0.005+0	0.005+0	1.225+0	6.615+0	2.145+0	0.005+0	1.385+0	8.955+0	6.245+0	1.875+0	2.455+0	0.005+0	2.145+0	-3.285+0	2.455+0	2.365+0	2.455+0	0.005+0	0.005+0	0.005+0	2.585+0		
	SH463B	3.775+0	4.615+0	5.675+0	4.225+0	0.005+0	0.005+0	2.155+0	3.555+0	2.185+0	2.945+0	0.005+0	-4.525+0	5.725+0	2.255+0	1.475+0	7.715+0	0.005+0	0.005+0	1.775+0	6.575+0	3.245+0	0.005+0	2.685+0	1.455+0	1.135+0	1.835+0	2.475+0	0.005+0	3.245+0	-1.875+0	2.245+0	3.625+0	3.475+0	0.005+0	0.005+0	0.005+0	7.125+0		
	SH463N	3.175+0	3.855+0	6.635+0	3.175+0	0.005+0	0.005+0	1.865+0	3.665+0	1.985+0	2.845+0	0.005+0	-7.245+0	3.175+0	2.165+0	1.165+0	6.575+0	0.005+0	0.005+0	1.655+0	9.535+0	2.685+0	0.005+0	2.145+0	1.165+0	8.085+0	2.235+0	2.855+0	0.005+0	2.685+0	-1.155+0	2.855+0	2.945+0	2.855+0	0.005+0	0.005+0	0.005+0	6.075+0		
	SBN263	-1.285+0	-2.215+0	3.595+0	-1.975+0	0.005+0	0.005+0	-3.725+0	-1.445+0	-7.755+0	4.885+0	0.005+0	0.005+0	-2.985+0	-7.885+0	-1.195+0	-2.355+0	0.005+0	0.005+0	0.005+0	0.005+0	3.315+0	0.005+0	-4.025+0	0.005+0	-6.625+0	3.355+0	0.005+0	-5.275+0	0.005+0	-5.025+0	-4.225+0	-2.025+0	-3.855+0	-6.275+0	0.005+0	0.005+0	0.005+0	-1.455+0	
	107184	-2.985+0	-1.115+0	-2.455+0	-1.145+0	0.005+0	0.005+0	-0.765+0	-7.125+0	-4.715+0	-4.455+0	0.005+0	0.005+0	-1.225+0	-6.885+0	-1.935+0	-1.455+0	0.005+0	0.005+0	0.005+0	0.005+0	3.755+0	0.005+0	-1.085+0	0.005+0	-1.745+0	-1.465+0	0.005+0	-2.745+0	0.005+0	-1.085+0	-1.315+0	-1.425+0	-1.575+0	-1.245+0	0.005+0	0.005+0	0.005+0	-2.585+0	
	107191	-2.355+0	-2.135+0	-4.525+0	-2.115+0	0.005+0	0.005+0	-3.155+0	-1.575+0	-4.815+0	-0.135+0	0.005+0	0.005+0	-2.485+0	-1.785+0	-1.175+0	-2.355+0	0.005+0	0.005+0	0.005+0	0.005+0	3.265+0	0.005+0	-2.115+0	0.005+0	-1.972+0	-3.455+0	-2.825+0	0.005+0	-1.755+0	0.005+0	-2.115+0	-2.755+0	-5.755+0	0.005+0	0.005+0	0.005+0	-1.445+0		
	107207	-3.275+0	-3.275+0	-5.725+0	-3.175+0	0.005+0	0.005+0	-4.215+0	-1.585+0	-1.015+0	-1.225+0	0.005+0	0.005+0	-3.445+0	-2.425+0	-1.815+0	-3.725+0	0.005+0	0.005+0	0.005+0	0.005+0	4.755+0	0.005+0	-3.125+0	0.005+0	-1.415+0	-4.855+0	-3.825+0	0.005+0	-2.755+0	0.005+0	-3.125+0	-3.755+0	-7.625+0	0.005+0	0.005+0	0.005+0	-1.555+0		
	107214	-2.355+0	-2.135+0	-4.525+0	-2.115+0	0.005+0	0.005+0	-3.155+0	-1.575+0	-4.815+0	-0.135+0	0.005+0	0.005+0	-2.485+0	-1.785+0	-1.175+0	-2.355+0	0.005+0	0.005+0	0.005+0	0.005+0	3.265+0	0.005+0	-2.115+0	0.005+0	-1.972+0	-3.455+0	-2.825+0	0.005+0	-1.755+0	0.005+0	-2.115+0	-2.755+0	-5.755+0	0.005+0	0.005+0	0.005+0	-1.445+0		
	107399	-3.275+0	-3.275+0	-5.725+0	-3.175+0	0.005+0	0.005+0	-4.215+0	-1.585+0	-1.015+0	-1.225+0	0.005+0	0.005+0	-3.445+0	-2.425+0	-1.815+0	-3.725+0	0.005+0	0.005+0	0.005+0	0.005+0	4.755+0	0.005+0	-3.125+0	0.005+0	-1.415+0	-4.855+0	-3.825+0	0.005+0	-2.755+0	0.005+0	-3.125+0	-3.755+0	-7.625+0	0.005+0	0.005+0	0.005+0	-1.555+0		
	107405	-4.525+0	8.555+0	1.885+0	8.555+0	0.005+0	0.005+0	-5.685+0	-5.155+0	4.525+0	-1.825+0	0.005+0	0.005+0	-7.185+0	-5.455+0	1.825+0	6.445+0	0.005+0	0.005+0	-4.265+0	0.005+0	2.855+0	0.005+0	-4.375+0	-7.915+0	-6.125+0	0.005+0	-1.255+0	0.005+0	2.855+0	-1.095+0	2.855+0	4.695+0	-1.255+0	0.005+0	0.005+0	0.005+0	-3.755+0		
	107498	-2.755+0	4.485+0	1.285+0	5.985+0	0.005+0	0.005+0	-2.145+0	-1.055+0	2.985+0	1.875+0	0.005+0	0.005+0	-2.975+0	-7.225+0	1.685+0	-2.485+0	0.005+0	0.005+0	-8.835+0	0.005+0	2.345+0	0.005+0	1.185+0	-7.125+0	1.795+0	0.005+0	-1.545+0	0.005+0	2.345+0	-1.465+0	-2.345+0	2.185+0	-1.545+0	0.005+0	0.005+0	0.005+0	-9.375+0		
	107764	-4.275+0	-3.745+0	6.785+0	-3.265+0	0.005+0	0.005+0	-6.675+0	-2.885+0	-1.335+0	-1.655+0	0.005+0	0.005+0	-2.755+0	-3.155+0	-2.055+0	-4.225+0	0.005+0	0.005+0	0.005+0	0.005+0	6.255+0	0.005+0	-3.475+0	0.005+0	-1.725+0	6.625+0	-5.125+0	0.005+0	-6.815+0	0.005+0	-3.475+0	-7.295+0	-4.475+0	-4.525+0	-8.815+0	0.005+0	0.005+0	0.005+0	-2.585+0
	108815	-4.515+0	3.555+0	-7.625+0	-3.955+0	0.005+0	0.005+0	4.665+0	-2.885+0	-1.335+0	-1.775+0	0.005+0	0.005+0	-4.715+0	-3.155+0	-2.055+0	-4.225+0	0.005+0	0.005+0	0.005+0	0.005+0	6.255+0	0.005+0	-3.475+0	0.005+0	-1.725+0	6.625+0	-5.125+0	0.005+0	-6.815+0	0.005+0	-3.475+0	-7.295+0	-4.475+0	-4.525+0	-8.815+0	0.005+0	0.005+0	0.005+0	-2.585+0
	108822	3.365+0	-2.825+0	6.695+0	-3.155+0	0.005+0	0.005+0	-5.775+0	-2.475+0	8.935+0	-1.125+0	0.005+0	0.005+0	-3.535+0	-2.425+0	0.005+0	-3.915+0	0.005+0	0.005+0	-4.895+0	0.005+0	-2.895+0	0.005+0	-1.525+0	5.995+0	-3.825+0	0.005+0	-7.865+0	0.005+0	-2.895+0	-6.455+0	-2.895+0	-7.865+0	-1.255+0	0.005+0	0.005+0	0.005+0	-2.585+0		
	108839	-3.965+0	3.255+0	-7.615+0	-3.465+0	0.005+0	0.005+0	5.925+0	-2.785+0	-1.885+0	-1.325+0	0.005+0	0.005+0	-4.225+0	-2.955+0	-1.955+0	-4.215+0	0.005+0	0.005+0	-8.875+0	0.005+0	-2.715+0	0.005+0	1.595+0	-5.995+0	-3.825+0	0.005+0	-3.335+0	0.005+0	2.915+0	-6.845+0	-2.915+0	-4.225+0	-3.335+0	0.005+0	0.005+0	0.005+0	-2.485+0		
	SA240	-1.855+0	6.835+0	-1.715+0	8.805+0	0.005+0	0.005+0	-1.465+0	-2.785+0	-7.255+0	8.415+0	0.005+0	0.005+0	-2.785+0	-2.325+0	3.895+0	-1.815+0	0.005+0	0.005+0	-9.675+0	0.005+0	7.825+0	0.005+0	4.285+0	-6.645+0	-5.675+0	0.005+0	-6.815+0	0.005+0	-7.825+0	-1.185+0	-7.825+0	-1.385+0	6.815+0	0.005+0	0.005+0	0.005+0	-2.985+0		
	SA263	3.955+0	8.755+0	6.485+0	8.955+0	0.005+0	0.005+0	1.385+0	2.565+0	1.935+0	1.015+0	0.005+0	0.005+0	-2.185+0	1.945+0	1.585+0	6.875+0	0.005+0	0.005+0	-1.625+0	0.005+0	1.525+0	0.005+0	3.955+0	-3.595+0	3.985+0	3.985+0	4.655+0	0.005+0	1.525+0	2.295+0	-1.875+0	1.525+0	4.655+0	0.005+0	0.005+0	0.005+0	-4.815+0		
	SA280	9.125+0	1.165+0	1.145+0	1.855+0	0.005+0	0.005+0	-3.345+0	-2.185+0	-7.755+0	-3.465+0	0.005+0	0.005+0	-9.735+0	-8.265+0	4.415+0	-1.525+0	0.005+0	0.005+0	-3.965+0	0.005+0	5.475+0	0.005+0	7.775+0	-1.145+0	-6.085+0	0.005+0	-1.625+0	0.005+0	5.475+0	-3.555+0	5.475+0	5.735+0	-1						

	SBN433QC	1.32E-03	-6.36E-02	7.02E-03	-4.95E-02	0.00E+00	0.00E+00	3.15E-01	-1.22E-04	1.98E-03	2.21E-02	0.00E+00	0.00E+00	-4.06E-11	7.88E-09	5.78E-02	-2.53E+00	0.00E+00	0.00E+00	4.32E-02	0.00E+00	2.21E-01	0.00E+00	6.43E-09	6.57E-09	6.31E-04	0.00E+00	-4.42E-02	0.00E+00	2.21E-01	-2.34E-05	2.21E-01	-1.65E-02	-4.42E-02	0.00E+00	0.00E+00	0.00E+00	3.96E+01
	SBN440	-4.55E-02	-3.95E-01	-7.79E-02	-3.86E-01	0.00E+00	0.00E+00	-7.41E+00	-2.89E-02	-1.45E-02	-1.57E-02	0.00E+00	0.00E+00	-4.72E-09	-3.37E-07	-2.32E-02	-4.77E+00	0.00E+00	0.00E+00	-6.57E+00	0.00E+00	-3.95E+00	0.00E+00	-1.83E-08	-6.05E-08	-2.26E-03	0.00E+00	-1.93E+00	0.00E+00	-3.95E+00	-8.43E-05	-3.93E+00	-5.02E+00	-1.05E+00	0.00E+00	0.00E+00	-2.76E+02	
	SBN441QC	3.66E-03	4.69E-01	1.16E-02	4.57E-01	0.00E+00	0.00E+00	2.10E+00	3.70E-08	2.19E-03	4.18E-03	0.00E+00	0.00E+00	3.67E-10	2.30E-09	1.42E-02	-5.79E-01	0.00E+00	0.00E+00	1.82E+00	0.00E+00	3.14E+00	0.00E+00	2.65E-08	1.37E-08	1.12E-03	0.00E+00	1.36E-01	0.00E+00	3.14E+00	4.44E-07	3.14E+00	3.28E+00	1.53E-01	0.00E+00	0.00E+00	6.57E+01	
	SBN463	-4.55E-02	-3.94E-01	-7.62E-02	-3.86E-01	0.00E+00	0.00E+00	-6.40E+00	-2.88E-02	-1.33E-02	-1.57E-02	0.00E+00	0.00E+00	-4.71E-09	-3.37E-07	-2.27E-02	-4.75E+00	0.00E+00	0.00E+00	-6.29E+00	0.00E+00	-3.81E+00	0.00E+00	-1.83E-08	-6.05E-08	-2.11E-03	0.00E+00	-1.92E+00	0.00E+00	-3.81E+00	-7.88E-05	-3.81E+00	-4.95E+00	-1.05E+00	0.00E+00	0.00E+00	-2.77E+02	
	SBN464QC	2.26E-03	2.82E-02	6.42E-03	-3.46E-02	0.00E+00	0.00E+00	1.22E+00	-7.81E-04	1.94E-03	6.16E-05	0.00E+00	0.00E+00	-4.01E-10	1.87E-09	-6.51E-03	-2.14E+00	0.00E+00	0.00E+00	5.22E-01	0.00E+00	5.30E-01	0.00E+00	8.06E-09	-1.34E-09	-6.16E-06	0.00E+00	-2.96E-01	0.00E+00	5.30E-01	-1.13E-06	5.30E-01	2.31E-01	-2.99E-01	0.00E+00	0.00E+00	1.81E+01	
	SBR140	-7.93E-03	-1.02E-01	-2.07E-02	-1.07E-01	0.00E+00	0.00E+00	-2.01E+00	-7.81E-04	3.79E-04	-4.79E-03	0.00E+00	0.00E+00	-1.36E-09	-9.10E-08	-2.24E-02	-1.23E+00	0.00E+00	0.00E+00	-1.72E+00	0.00E+00	-1.02E+00	0.00E+00	-5.14E-02	-1.79E-04	-1.42E-03	0.00E+00	-2.82E-01	0.00E+00	-1.02E+00	-2.28E-02	-1.02E+00	-1.28E+00	-2.82E-01	0.00E+00	0.00E+00	-7.23E+01	
	SBR163	-1.21E-02	-1.18E-01	-2.59E-02	-1.15E-01	0.00E+00	0.00E+00	-2.78E+00	-7.74E-04	3.65E-04	-4.66E-03	0.00E+00	0.00E+00	-1.32E-09	-8.94E-08	-3.77E-02	-1.92E+00	0.00E+00	0.00E+00	-1.75E+00	0.00E+00	-1.14E+00	0.00E+00	-4.98E-02	-1.84E-04	-1.36E-03	0.00E+00	-2.94E-01	0.00E+00	-1.14E+00	-1.13E-02	-1.14E+00	-1.45E+00	-2.94E-01	0.00E+00	0.00E+00	-7.25E+01	
	SBR164	-7.67E-03	-1.12E-01	-2.18E-02	-1.13E-01	0.00E+00	0.00E+00	-1.97E+00	-7.52E-04	3.72E-04	-4.72E-03	0.00E+00	0.00E+00	-1.36E-09	-8.78E-08	-2.38E-02	-1.24E+00	0.00E+00	0.00E+00	-1.74E+00	0.00E+00	-1.12E+00	0.00E+00	-5.62E-02	-1.92E-04	-1.44E-03	0.00E+00	-2.88E-01	0.00E+00	-1.12E+00	-2.21E-02	-1.12E+00	-1.45E+00	-2.88E-01	0.00E+00	0.00E+00	-7.42E+01	
	SBR180	-7.67E-03	-1.12E-01	-2.18E-02	-1.13E-01	0.00E+00	0.00E+00	-1.97E+00	-7.52E-04	3.72E-04	-4.72E-03	0.00E+00	0.00E+00	-1.36E-09	-8.78E-08	-2.38E-02	-1.24E+00	0.00E+00	0.00E+00	-1.74E+00	0.00E+00	-1.12E+00	0.00E+00	-5.62E-02	-1.92E-04	-1.44E-03	0.00E+00	-2.88E-01	0.00E+00	-1.12E+00	-2.21E-02	-1.12E+00	-1.45E+00	-2.88E-01	0.00E+00	0.00E+00	-7.42E+01	
	SBR240	-2.30E-02	-2.05E-01	-3.95E-02	-2.05E-01	0.00E+00	0.00E+00	-3.29E+00	-1.44E-02	-7.93E-04	-8.72E-03	0.00E+00	0.00E+00	-2.37E-09	-1.68E-07	-1.12E-02	-2.21E+00	0.00E+00	0.00E+00	-3.27E+00	0.00E+00	-2.02E+00	0.00E+00	-8.93E-02	-3.26E-02	-2.63E-03	0.00E+00	-5.24E-01	0.00E+00	-2.02E+00	-3.70E-05	-2.02E+00	-2.53E+00	-5.24E-01	0.00E+00	0.00E+00	-1.36E+02	
	SBR263	-3.45E-03	-3.42E-01	-6.50E-02	-2.16E-01	0.00E+00	0.00E+00	-4.45E+00	-1.84E-02	-7.97E-04	-8.42E-03	0.00E+00	0.00E+00	-2.51E-09	-1.81E-07	-1.22E-02	-2.51E+00	0.00E+00	0.00E+00	-6.17E+00	0.00E+00	-3.95E+00	0.00E+00	-1.08E-08	-5.19E-08	-2.75E-03	0.00E+00	-5.87E-01	0.00E+00	-3.95E+00	-8.49E-05	-3.95E+00	-5.02E+00	-1.08E+00	0.00E+00	0.00E+00	-1.92E+02	
	SBR264	-1.54E-02	-2.32E-01	-4.34E-02	-2.26E-01	0.00E+00	0.00E+00	-3.02E+00	-1.03E-02	-7.47E-04	-9.45E-03	0.00E+00	0.00E+00	-2.72E-09	-1.75E-07	-1.24E-02	-2.43E+00	0.00E+00	0.00E+00	-3.58E+00	0.00E+00	-2.34E+00	0.00E+00	-1.11E-08	-3.98E-08	-2.88E-03	0.00E+00	-5.55E-01	0.00E+00	-2.34E+00	-4.41E-05	-2.34E+00	-2.95E+00	-5.55E-01	0.00E+00	0.00E+00	-1.51E+02	
	SBR280	-2.37E-02	-2.24E-01	-4.34E-02	-2.26E-01	0.00E+00	0.00E+00	-3.02E+00	-1.03E-02	-7.46E-04	-9.45E-03	0.00E+00	0.00E+00	-2.72E-09	-1.75E-07	-1.24E-02	-2.43E+00	0.00E+00	0.00E+00	-3.58E+00	0.00E+00	-2.34E+00	0.00E+00	-1.11E-08	-3.98E-08	-2.88E-03	0.00E+00	-5.55E-01	0.00E+00	-2.34E+00	-4.41E-05	-2.34E+00	-2.95E+00	-5.55E-01	0.00E+00	0.00E+00	-1.51E+02	
	SBR340	2.85E-03	2.34E-01	9.26E-02	2.24E-01	0.00E+00	0.00E+00	1.85E+00	3.92E-08	1.87E-03	2.38E-03	0.00E+00	0.00E+00	3.12E-10	1.82E-09	7.42E-04	4.18E-01	0.00E+00	0.00E+00	1.46E+00	0.00E+00	3.94E+00	0.00E+00	2.51E-08	1.22E-08	7.72E-04	0.00E+00	1.86E-01	0.00E+00	3.94E+00	9.37E-07	3.94E+00	3.22E+00	1.86E-01	0.00E+00	0.00E+00	5.36E+01	
	SBR363	-4.55E-03	-3.45E-01	-3.86E-02	-3.86E-01	0.00E+00	0.00E+00	-7.41E+00	-2.88E-02	-1.45E-02	-1.57E-02	0.00E+00	0.00E+00	-4.72E-09	-3.37E-07	-2.32E-02	-4.77E+00	0.00E+00	0.00E+00	-6.57E+00	0.00E+00	-3.95E+00	0.00E+00	-1.83E-08	-6.05E-08	-2.26E-03	0.00E+00	-1.93E+00	0.00E+00	-3.95E+00	-8.43E-05	-3.93E+00	-5.02E+00	-1.05E+00	0.00E+00	0.00E+00	-2.76E+02	
	SBR364	-3.96E-02	-3.47E-01	-6.48E-02	-3.47E-01	0.00E+00	0.00E+00	-5.88E+00	-2.23E-02	-1.12E-02	-1.41E-02	0.00E+00	0.00E+00	-4.02E-09	-2.62E-07	-1.88E-02	-3.68E+00	0.00E+00	0.00E+00	-6.32E+00	0.00E+00	-3.48E+00	0.00E+00	-1.82E-08	-5.49E-08	-4.30E-03	0.00E+00	-4.36E-01	0.00E+00	-3.48E+00	-6.62E-02	-3.48E+00	-4.32E+00	-4.36E-01	0.00E+00	0.00E+00	-2.26E+02	
	SBR380	-3.96E-02	-3.47E-01	-6.48E-02	-3.47E-01	0.00E+00	0.00E+00	-5.88E+00	-2.23E-02	-1.12E-02	-1.41E-02	0.00E+00	0.00E+00	-4.02E-09	-2.62E-07	-1.88E-02	-3.68E+00	0.00E+00	0.00E+00	-6.32E+00	0.00E+00	-3.48E+00	0.00E+00	-1.82E-08	-5.49E-08	-4.30E-03	0.00E+00	-4.36E-01	0.00E+00	-3.48E+00	-6.62E-02	-3.48E+00	-4.32E+00	-4.36E-01	0.00E+00	0.00E+00	-2.26E+02	
	SBR390	-3.96E-02	-3.47E-01	-6.48E-02	-3.47E-01	0.00E+00	0.00E+00	-5.88E+00	-2.23E-02	-1.12E-02	-1.41E-02	0.00E+00	0.00E+00	-4.02E-09	-2.62E-07	-1.88E-02	-3.68E+00	0.00E+00	0.00E+00	-6.32E+00	0.00E+00	-3.48E+00	0.00E+00	-1.82E-08	-5.49E-08	-4.30E-03	0.00E+00	-4.36E-01	0.00E+00	-3.48E+00	-6.62E-02	-3.48E+00	-4.32E+00	-4.36E-01	0.00E+00	0.00E+00	-2.26E+02	
	SBR440	-4.55E-03	-3.45E-01	-3.86E-02	-3.86E-01	0.00E+00	0.00E+00	-7.41E+00	-2.88E-02	-1.45E-02	-1.57E-02	0.00E+00	0.00E+00	-4.72E-09	-3.37E-07	-2.32E-02	-4.77E+00	0.00E+00	0.00E+00	-6.57E+00	0.00E+00	-3.95E+00	0.00E+00	-1.83E-08	-6.05E-08	-2.26E-03	0.00E+00	-1.93E+00	0.00E+00	-3.95E+00	-8.43E-05	-3.93E+00	-5.02E+00	-1.05E+00	0.00E+00	0.00E+00	-2.76E+02	
	SBR463	-4.55E-02	-3.95E-01	-7.79E-02	-3.86E-01	0.00E+00	0.00E+00	-7.41E+00	-2.89E-02	-1.45E-02	-1.57E-02	0.00E+00	0.00E+00	-4.72E-09	-3.37E-07	-2.32E-02	-4.77E+00	0.00E+00	0.00E+00	-6.57E+00	0.00E+00	-3.95E+00	0.00E+00	-1.83E-08	-6.05E-08	-2.26E-03	0.00E+00	-1.93E+00	0.00E+00	-3.95E+00	-8.43E-05	-3.93E+00	-5.02E+00	-1.05E+00	0.00E+00	0.00E+00	-2.76E+02	
	SBT116	2.65E-04	5.24E-03	9.79E-04	4.95E-03	0.00E+00	0.00E+00	1.88E-01	-5.20E-05	2.14E-04	7.02E-05	0.00E+00	0.00E+00	-1.22E-10	2.24E-09	1.02E-02	3.71E-01	0.00E+00	0.00E+00	8.52E-02	0.00E+00	1.12E-01	0.00E+00	1.67E-04	-3.02E-10	7.72E-06	0.00E+00	-3.86E-02	0.00E+00	1.12E-01	-2.64E-07	1.12E-01	7.02E-02	3.86E-02	0.00E+00	0.00E+00	2.56E+01	
	SBT125	1.45E-05	7.28E-02	1.27E-03	7.15E-02	0.00E+00	0.00E+00	1.29E-01	-4.98E-04	2.23E-04	4.95E-04	0.00E+00	0.00E+00	-1.81E-10	3.26E-09	1.79E-02	6.24E-01	0.00E+00	0.00E+00	4.96E-02	0.00E+00	6.72E-01	0.00E+00	3.32E-04	4.47E-11	5.82E-06	0.00E+00	-1.19E-01	0.00E+00	6.72E-01	-1.51E-09	2.72E-01	2.93E-01	1.12E-02	0.00E+00	0.00E+00	6.12E+01	
	SBT132	-2.44E-04	1.85E-02	5.57E-04	1.62E-02	0.00E+00	0.00E+00	-1.16E-01	-7.94E-05	1.92E-04	2.02E-04	0.00E+00	0.00E+00	-2.82E-10	5.81E-09	9.82E-04	-5.96E-01	0.00E+00	0.00E+00	-2.82E-02	0.00E+00	1.21E-01	0.00E+00	-2.62E-08	-1.17E-04	1.02E+00	0.00E+00	-3.42E-02	0.00E+00	1.21E-01	-3.84E-05	1.21E-01	-1.17E-02	2.42E-02	0.00E+00	0.00E+00	-3.87E+02	
	SBT216	-1.92E-04	1.35E-01	1.37E-02	4.29E-02	0.00E+00	0.00E+00	-1.55E-02	-9.16E-05	2.86E-04	1.81E-04	0.00E+00	0.00E+00	-2.02E-10	3.91E-01	1.02E+00	-2.12E-01	0.00E+00	0.00E+00	-5.12E-02	0.00E+00	-5.88E+00	0.00E+00	-3.26E-02	-7.36E-10	-1.32E-05	0.00E+00	-1.94E-02	0.00E+00	-5.88E+00	-3.58E-01	2.76E-01	2.71E-01	-1.54E-02	0.00E+00	0.00E+00	-3.02E+00	
	SBT225	-3.26E-04	6.62E-02	2.26E-03	6.34E-02	0.00E+00	0.00E+00	1.72E-01	-1.52E-04	2.22E-04	-1.47E-04	0.00E+00	0.00E+00	-2.74E-10	4.44E-03	6.54E-02	3.28E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-01	0.00E+00	1.67E-01	0.00E+00	3.47E-09	-2.32E-09	6.86E-02	0.00E+00	-2.77E-02	0.00E+00	1.67E-01	-9.94E-02	2.77E-02	0.00E+00	0.00E+00	1.04E+01	
	SBT232	-2.64E-04	3.87E-02	1.01E-03	3.76E-02	0.00E+00	0.00E+00	-6.86E-02	-6.46E-05	2.21E-04	7.23E-05	0.00E+00	0.00E+00	-3.07E-10	3.21E-09	1.46E-02																						