

# HIGH DOSE RADIATION TEST REPORT OP11S

September 2019

Generic

## Radiation Test Report

Product:	OP11S
Gamma:	0, 30k, 50k, 100k, 24hr
Gamma Source:	Co60/TM1019 Condition A
Dose Rate:	142 Rad(si)/s
Facilities:	VPT RAD
Tested:	8/26/19

The RADTEST® DATA SERVICE is a compilation of radiation test results on Analog Devices' Space grade products. It is designed to assist customers in selecting the right product for applications where radiation is a consideration. Many products manufactured by Analog Devices, Inc. have been shown to be radiation tolerant to most tactical radiation environments. Analog Devices, Inc. does not make any claim to maintain or guarantee these levels of radiation tolerance without lot qualification test.

It is the responsibility of the Procuring Activity to screen products from Analog Devices, Inc. for compliance to Nuclear Hardness Critical Items (HCI) specifications.

### Warning:

Analog Devices, Inc. does not recommend use of this data to qualify other product grades or process levels. Analog Devices, Inc. is not responsible and has no liability for any consequences, and all applicable Warranties are null and void if any Analog Devices product is modified in any way or used outside of normal environmental and operating conditions, including the parameters specified in the corresponding data sheet. Analog Devices, Inc. does not guarantee that wafer manufacturing is the same for all process levels.

<b>+Isy_Vsy=+-15V (A)</b>						
		<b>0k</b>	<b>30k</b>	<b>50k</b>	<b>100k</b>	<b>A1</b>
CTRL	<b>SN188</b>	4.68E-03	4.68E-03	4.68E-03	4.68E-03	4.68E-03
	<b>SN387</b>	4.71E-03	4.71E-03	4.71E-03	4.71E-03	4.71E-03
	<b>SN182</b>	4.68E-03	4.19E-03	4.01E-03	3.83E-03	4.12E-03
	<b>SN183</b>	4.68E-03	4.18E-03	4.00E-03	3.82E-03	4.12E-03
	<b>SN184</b>	4.66E-03	4.15E-03	3.96E-03	3.79E-03	4.11E-03
	<b>SN185</b>	4.66E-03	4.16E-03	3.98E-03	3.80E-03	4.11E-03
	<b>SN186</b>	4.66E-03	4.18E-03	4.00E-03	3.82E-03	4.11E-03
	<b>SN187</b>	4.61E-03	4.10E-03	3.91E-03	3.73E-03	4.05E-03
	<b>SN381</b>	4.68E-03	4.19E-03	4.01E-03	3.83E-03	4.14E-03
	<b>SN382</b>	4.65E-03	4.18E-03	4.01E-03	3.83E-03	4.13E-03
	<b>SN383</b>	4.70E-03	4.21E-03	4.04E-03	3.87E-03	4.16E-03
	<b>SN384</b>	4.68E-03	4.18E-03	4.00E-03	3.84E-03	4.13E-03
	<b>SN385</b>	4.69E-03	4.18E-03	4.00E-03	3.83E-03	4.13E-03
	<b>SN386</b>	4.66E-03	4.19E-03	4.01E-03	3.84E-03	4.12E-03
	<b>MIN</b>	4.61E-03	4.10E-03	3.91E-03	3.73E-03	4.05E-03
	<b>MAX</b>	4.70E-03	4.21E-03	4.04E-03	3.87E-03	4.16E-03
	<b>MEAN</b>	4.67E-03	4.17E-03	3.99E-03	3.82E-03	4.12E-03
	<b>STD DEV. (<math>\sigma</math>)</b>	2.22E-05	2.89E-05	3.15E-05	3.60E-05	2.40E-05
	<b>-3 Sigma</b>	4.60E-03	4.09E-03	3.90E-03	3.71E-03	4.05E-03
	<b>+3 Sigma</b>	4.73E-03	4.26E-03	4.09E-03	3.93E-03	4.19E-03

<b>-Isy_Vsy=+-15V (A)</b>						
		<b>0k</b>	<b>30k</b>	<b>50k</b>	<b>100k</b>	<b>A1</b>
CTRL	<b>SN188</b>	-4.68E-03	-4.68E-03	-4.68E-03	-4.68E-03	-4.68E-03
	<b>SN387</b>	-4.71E-03	-4.71E-03	-4.71E-03	-4.71E-03	-4.71E-03
	<b>SN182</b>	-4.68E-03	-4.18E-03	-4.00E-03	-3.82E-03	-4.11E-03
	<b>SN183</b>	-4.68E-03	-4.17E-03	-3.99E-03	-3.81E-03	-4.11E-03
	<b>SN184</b>	-4.66E-03	-4.14E-03	-3.96E-03	-3.78E-03	-4.10E-03
	<b>SN185</b>	-4.66E-03	-4.16E-03	-3.97E-03	-3.79E-03	-4.10E-03
	<b>SN186</b>	-4.66E-03	-4.18E-03	-3.99E-03	-3.81E-03	-4.11E-03
	<b>SN187</b>	-4.61E-03	-4.09E-03	-3.90E-03	-3.72E-03	-4.05E-03
	<b>SN381</b>	-4.68E-03	-4.18E-03	-4.00E-03	-3.82E-03	-4.13E-03
	<b>SN382</b>	-4.65E-03	-4.18E-03	-4.00E-03	-3.82E-03	-4.12E-03
	<b>SN383</b>	-4.70E-03	-4.21E-03	-4.03E-03	-3.86E-03	-4.15E-03
	<b>SN384</b>	-4.68E-03	-4.18E-03	-4.00E-03	-3.83E-03	-4.12E-03
	<b>SN385</b>	-4.69E-03	-4.18E-03	-4.00E-03	-3.82E-03	-4.12E-03
	<b>SN386</b>	-4.66E-03	-4.18E-03	-4.00E-03	-3.84E-03	-4.12E-03
	<b>MIN</b>	-4.70E-03	-4.21E-03	-4.03E-03	-3.86E-03	-4.15E-03
	<b>MAX</b>	-4.61E-03	-4.09E-03	-3.90E-03	-3.72E-03	-4.05E-03
	<b>MEAN</b>	-4.67E-03	-4.17E-03	-3.99E-03	-3.81E-03	-4.11E-03
	<b>STD DEV. (<math>\sigma</math>)</b>	2.24E-05	2.92E-05	3.17E-05	3.62E-05	2.40E-05
	<b>-3 Sigma</b>	-4.73E-03	-4.26E-03	-4.08E-03	-3.92E-03	-4.18E-03
	<b>+3 Sigma</b>	-4.60E-03	-4.08E-03	-3.89E-03	-3.70E-03	-4.04E-03

Voh_Vsy=+-15V_RL=2k_ChanA (V)						
		0k	30k	50k	100k	A1
CTRL	SN188	14.014	14.014	14.015	14.015	14.014
	SN387	14.007	14.007	14.006	14.008	14.006
	SN182	14.010	14.005	14.001	13.995	14.001
	SN183	14.010	14.005	14.001	13.994	14.001
	SN184	14.021	14.015	14.011	14.004	14.010
	SN185	14.021	14.015	14.012	14.006	14.012
	SN186	14.017	14.011	14.007	13.999	14.006
	SN187	14.020	14.015	14.013	14.006	14.013
	SN381	14.007	14.001	13.998	13.990	13.998
	SN382	14.009	14.004	14.001	13.994	14.001
	SN383	14.004	13.997	13.993	13.986	13.993
	SN384	14.008	14.001	13.995	13.987	13.998
	SN385	14.004	13.996	13.992	13.985	13.992
	SN386	14.008	14.002	13.997	13.992	13.999
	MIN	14.004	13.996	13.992	13.985	13.992
	MAX	14.021	14.015	14.013	14.006	14.013
	MEAN	14.012	14.006	14.002	13.995	14.002
	STD DEV. ( $\sigma$ )	0.006	0.007	0.007	0.008	0.007
	-3 Sigma	13.993	13.986	13.980	13.972	13.981
	+3 Sigma	14.030	14.025	14.024	14.017	14.023

Voh_Vsy=+-15V_RL=2k_ChanB (V)						
		0k	30k	50k	100k	A1
CTRL	SN188	14.013	14.013	14.013	14.013	14.013
	SN387	14.006	14.006	14.006	14.007	14.006
	SN182	14.008	14.004	13.999	13.993	14.000
	SN183	14.011	14.005	14.001	13.994	14.001
	SN184	14.020	14.014	14.010	14.003	14.009
	SN185	14.018	14.013	14.009	14.002	14.010
	SN186	14.015	14.010	14.006	13.999	14.006
	SN187	14.021	14.016	14.011	14.005	14.012
	SN381	14.008	14.001	13.998	13.990	13.999
	SN382	14.010	14.004	14.000	13.993	14.001
	SN383	14.003	13.996	13.992	13.986	13.994
	SN384	14.006	14.001	13.994	13.986	13.998
	SN385	14.002	13.995	13.991	13.983	13.991
	SN386	14.005	13.998	13.995	13.989	13.996
	MIN	14.002	13.995	13.991	13.983	13.991
	MAX	14.021	14.016	14.011	14.005	14.012
	MEAN	14.010	14.005	14.001	13.994	14.001
	STD DEV. ( $\sigma$ )	0.007	0.007	0.007	0.007	0.007
	-3 Sigma	13.991	13.984	13.979	13.972	13.981
	+3 Sigma	14.030	14.026	14.022	14.015	14.021

Voh_Vsy=+-15V_RL=2k_Chanc (V)						
		0k	30k	50k	100k	A1
CTRL	SN188	13.996	13.996	13.996	13.997	13.996
	SN387	13.993	13.992	13.992	13.993	13.991
	SN182	13.993	13.981	13.983	13.974	13.981
	SN183	13.995	13.989	13.985	13.976	13.984
	SN184	14.004	13.997	13.994	13.987	13.992
	SN185	14.005	14.000	13.996	13.987	13.994
	SN186	13.997	13.992	13.988	13.980	13.987
	SN187	14.005	14.000	13.995	13.988	13.995
	SN381	13.996	13.990	13.986	13.977	13.985
	SN382	13.996	13.990	13.986	13.978	13.985
	SN383	13.988	13.981	13.975	13.967	13.976
	SN384	13.992	13.986	13.981	13.970	13.981
	SN385	13.988	13.981	13.976	13.966	13.975
	SN386	13.995	13.988	13.984	13.979	13.985
	MIN	13.988	13.981	13.975	13.966	13.975
	MAX	14.005	14.000	13.996	13.988	13.995
	MEAN	13.996	13.990	13.986	13.977	13.985
	STD DEV. ( $\sigma$ )	0.006	0.007	0.007	0.007	0.006
	-3 Sigma	13.978	13.969	13.965	13.955	13.966
	+3 Sigma	14.014	14.010	14.007	14.000	14.004

Voh_Vsy=+-15V_RL=2k_ChanD (V)						
		0k	30k	50k	100k	A1
CTRL	SN188	13.997	13.998	13.997	13.998	13.997
	SN387	13.992	13.992	13.992	13.993	13.991
	SN182	13.994	13.989	13.985	13.978	13.985
	SN183	13.995	13.989	13.985	13.977	13.984
	SN184	14.007	14.001	13.997	13.989	13.995
	SN185	14.006	14.000	13.997	13.989	13.995
	SN186	13.999	13.993	13.990	13.983	13.989
	SN187	14.006	14.000	13.995	13.988	13.996
	SN381	13.992	13.980	13.968	13.918	13.980
	SN382	13.996	13.989	13.971	13.947	13.984
	SN383	13.989	13.983	13.977	13.969	13.976
	SN384	13.993	13.985	13.979	13.970	13.980
	SN385	13.988	13.979	13.975	13.965	13.973
	SN386	13.996	13.989	13.984	13.980	13.985
	MIN	13.988	13.979	13.968	13.918	13.973
	MAX	14.007	14.001	13.997	13.989	13.996
	MEAN	13.997	13.990	13.983	13.971	13.985
	STD DEV. ( $\sigma$ )	0.007	0.007	0.010	0.021	0.007
	-3 Sigma	13.977	13.967	13.954	13.909	13.963
	+3 Sigma	14.016	14.012	14.013	14.033	14.008

Vol_Vsy=+-15V_RL=2k_Chana (V)						
		0k	30k	50k	100k	A1
CTRL	SN188	-13.285	-13.286	-13.286	-13.287	-13.284
	SN387	-13.280	-13.277	-13.279	-13.277	-13.270
	SN182	-13.276	-13.279	-13.274	-13.276	-13.274
	SN183	-13.279	-13.276	-13.274	-13.270	-13.273
	SN184	-13.291	-13.294	-13.294	-13.287	-13.291
	SN185	-13.300	-13.296	-13.296	-13.294	-13.295
	SN186	-13.285	-13.281	-13.278	-13.274	-13.276
	SN187	-13.298	-13.294	-13.292	-13.288	-13.292
	SN381	-13.286	-13.283	-13.282	-13.274	-13.279
	SN382	-13.284	-13.280	-13.279	-13.275	-13.276
	SN383	-13.275	-13.271	-13.269	-13.265	-13.267
	SN384	-13.280	-13.275	-13.273	-13.269	-13.271
	SN385	-13.276	-13.274	-13.270	-13.257	-13.267
	SN386	-13.285	-13.282	-13.278	-13.276	-13.278
	MIN	-13.300	-13.296	-13.296	-13.294	-13.295
	MAX	-13.275	-13.271	-13.269	-13.257	-13.267
	MEAN	-13.285	-13.282	-13.280	-13.275	-13.278
	STD DEV. ( $\sigma$ )	0.008	0.008	0.009	0.010	0.010
	-3 Sigma	-13.309	-13.307	-13.308	-13.306	-13.307
	+3 Sigma	-13.260	-13.257	-13.252	-13.245	-13.250



Vol_Vsy=+-15V_RL=2k_ChkB (V)						
		0k	30k	50k	100k	A1
CTRL	SN188	-13.283	-13.284	-13.286	-13.286	-13.283
	SN387	-13.279	-13.277	-13.279	-13.277	-13.269
	SN182	-13.276	-13.279	-13.274	-13.276	-13.275
	SN183	-13.280	-13.277	-13.274	-13.270	-13.273
	SN184	-13.290	-13.292	-13.292	-13.284	-13.289
	SN185	-13.297	-13.293	-13.290	-13.284	-13.288
	SN186	-13.287	-13.283	-13.282	-13.276	-13.280
	SN187	-13.301	-13.298	-13.293	-13.289	-13.293
	SN381	-13.283	-13.279	-13.278	-13.271	-13.275
	SN382	-13.285	-13.281	-13.278	-13.273	-13.275
	SN383	-13.275	-13.272	-13.270	-13.265	-13.269
	SN384	-13.280	-13.277	-13.275	-13.271	-13.272
	SN385	-13.274	-13.272	-13.268	-13.256	-13.265
	SN386	-13.284	-13.280	-13.278	-13.274	-13.277
	MIN	-13.301	-13.298	-13.293	-13.289	-13.293
	MAX	-13.274	-13.272	-13.268	-13.256	-13.265
	MEAN	-13.284	-13.282	-13.279	-13.274	-13.278
	STD DEV. ( $\sigma$ )	0.008	0.008	0.008	0.009	0.008
	-3 Sigma	-13.309	-13.306	-13.305	-13.301	-13.303
	+3 Sigma	-13.259	-13.257	-13.254	-13.248	-13.252

Vol_Vsy=+-15V_RL=2k_Chanc (V)						
		0k	30k	50k	100k	A1
CTRL	SN188	-13.289	-13.289	-13.291	-13.291	-13.288
	SN387	-13.283	-13.280	-13.282	-13.280	-13.272
	SN182	-13.276	-13.274	-13.274	-13.275	-13.275
	SN183	-13.285	-13.282	-13.279	-13.275	-13.278
	SN184	-13.291	-13.294	-13.295	-13.288	-13.292
	SN185	-13.300	-13.297	-13.295	-13.288	-13.293
	SN186	-13.291	-13.287	-13.286	-13.280	-13.284
	SN187	-13.302	-13.299	-13.298	-13.291	-13.295
	SN381	-13.286	-13.284	-13.282	-13.275	-13.279
	SN382	-13.289	-13.285	-13.284	-13.280	-13.280
	SN383	-13.277	-13.273	-13.271	-13.268	-13.270
	SN384	-13.283	-13.280	-13.277	-13.272	-13.275
	SN385	-13.280	-13.278	-13.274	-13.262	-13.272
	SN386	-13.287	-13.286	-13.285	-13.283	-13.283
	MIN	-13.302	-13.299	-13.298	-13.291	-13.295
	MAX	-13.276	-13.273	-13.271	-13.262	-13.270
	MEAN	-13.287	-13.285	-13.283	-13.278	-13.281
	STD DEV. ( $\sigma$ )	0.008	0.009	0.009	0.009	0.008
	-3 Sigma	-13.312	-13.310	-13.310	-13.305	-13.307
	+3 Sigma	-13.263	-13.259	-13.257	-13.252	-13.256

Vol_Vsy=+-15V_RL=2k_Chad (V)						
		0k	30k	50k	100k	A1
CTRL	SN188	-13.290	-13.290	-13.290	-13.291	-13.288
	SN387	-13.281	-13.278	-13.280	-13.278	-13.271
	SN182	-13.280	-13.283	-13.280	-13.283	-13.281
	SN183	-13.286	-13.283	-13.282	-13.279	-13.282
	SN184	-13.294	-13.298	-13.298	-13.294	-13.297
	SN185	-13.301	-13.298	-13.297	-13.296	-13.297
	SN186	-13.291	-13.289	-13.287	-13.284	-13.286
	SN187	-13.305	-13.302	-13.299	-13.295	-13.299
	SN381	-13.285	-13.278	-13.268	-13.223	-13.278
	SN382	-13.290	-13.285	-13.271	-13.252	-13.280
	SN383	-13.280	-13.275	-13.273	-13.269	-13.272
	SN384	-13.285	-13.282	-13.280	-13.276	-13.278
	SN385	-13.281	-13.278	-13.274	-13.262	-13.272
	SN386	-13.290	-13.289	-13.287	-13.286	-13.286
	MIN	-13.305	-13.302	-13.299	-13.296	-13.299
	MAX	-13.280	-13.275	-13.268	-13.223	-13.272
	MEAN	-13.289	-13.287	-13.283	-13.275	-13.284
	STD DEV. ( $\sigma$ )	0.008	0.009	0.011	0.021	0.009
	-3 Sigma	-13.313	-13.312	-13.315	-13.338	-13.312
	+3 Sigma	-13.265	-13.261	-13.251	-13.211	-13.256

Vos_Vsy=+-15V_RS=50_ChanA (V)						
		0k	30k	50k	100k	A1
CTRL	SN188	6.70E-05	6.75E-05	6.78E-05	6.71E-05	6.68E-05
	SN387	-1.83E-05	-1.74E-05	-1.70E-05	-1.76E-05	-1.71E-05
	SN182	6.00E-05	4.20E-05	2.52E-05	-6.60E-06	3.76E-05
	SN183	-4.66E-05	-5.87E-05	-7.09E-05	-8.73E-05	-5.82E-05
	SN184	5.30E-05	4.24E-05	3.19E-05	1.25E-05	3.81E-05
	SN185	5.55E-05	-8.05E-05	-2.56E-04	-6.68E-04	-1.53E-04
	SN186	-8.29E-05	-9.60E-05	-1.00E-04	-1.21E-04	-9.48E-05
	SN187	2.16E-05	1.81E-05	4.80E-06	-3.29E-05	8.10E-06
	SN381	3.76E-05	3.29E-05	2.16E-05	2.50E-06	3.24E-05
	SN382	-2.16E-05	-2.73E-05	-3.80E-05	-6.53E-05	-3.45E-05
	SN383	8.51E-05	6.64E-05	5.96E-05	5.70E-05	7.01E-05
	SN384	8.00E-07	-6.10E-06	-2.31E-05	-4.03E-05	-6.10E-06
	SN385	1.03E-04	9.31E-05	9.09E-05	6.72E-05	9.49E-05
	SN386	-2.70E-06	-1.45E-05	-2.53E-05	-5.64E-05	-1.49E-05
	MIN	-8.29E-05	-9.60E-05	-2.56E-04	-6.68E-04	-1.53E-04
	MAX	1.03E-04	9.31E-05	9.09E-05	6.72E-05	9.49E-05
	MEAN	2.19E-05	9.83E-07	-2.33E-05	-7.82E-05	-6.71E-06
	STD DEV. ( $\sigma$ )	5.47E-05	5.89E-05	9.08E-05	1.94E-04	7.05E-05
	-3 Sigma	-1.42E-04	-1.76E-04	-2.96E-04	-6.60E-04	-2.18E-04
	+3 Sigma	1.86E-04	1.78E-04	2.49E-04	5.03E-04	2.05E-04

Vos_Vsy=+-15V_RS=50_ChanB (V)						
		0k	30k	50k	100k	A1
CTRL	SN188	-2.71E-05	-2.71E-05	-2.75E-05	-2.68E-05	-2.67E-05
	SN387	-3.89E-05	-3.82E-05	-3.83E-05	-3.73E-05	-3.80E-05
	SN182	8.33E-05	6.52E-05	5.75E-05	4.11E-05	7.23E-05
	SN183	1.22E-05	-7.50E-06	-1.46E-05	-3.42E-05	2.00E-07
	SN184	4.72E-05	3.13E-05	2.33E-05	-1.02E-05	2.96E-05
	SN185	6.99E-05	7.38E-05	7.49E-05	6.33E-05	7.12E-05
	SN186	1.15E-05	1.20E-06	-8.00E-06	-2.94E-05	-8.00E-07
	SN187	3.44E-05	2.73E-05	2.11E-05	-5.40E-06	2.79E-05
	SN381	1.48E-04	1.35E-04	1.35E-04	1.27E-04	1.42E-04
	SN382	4.79E-05	3.49E-05	2.88E-05	2.15E-05	3.55E-05
	SN383	8.30E-06	-1.21E-05	-3.15E-05	-4.87E-05	-1.15E-05
	SN384	2.00E-05	-7.39E-05	-1.85E-04	-3.75E-04	-1.07E-04
	SN385	-1.32E-04	-1.85E-04	-2.39E-04	-3.17E-04	-1.92E-04
	SN386	1.25E-04	1.17E-04	1.07E-04	9.93E-05	1.11E-04
	MIN	-1.32E-04	-1.85E-04	-2.39E-04	-3.75E-04	-1.92E-04
	MAX	1.48E-04	1.35E-04	1.35E-04	1.27E-04	1.42E-04
	MEAN	3.96E-05	1.73E-05	-2.53E-06	-3.90E-05	1.49E-05
	STD DEV. ( $\sigma$ )	7.04E-05	8.56E-05	1.10E-04	1.54E-04	9.12E-05
	-3 Sigma	-1.71E-04	-2.40E-04	-3.32E-04	-5.00E-04	-2.59E-04
	+3 Sigma	2.51E-04	2.74E-04	3.27E-04	4.22E-04	2.88E-04

Vos_Vsy=+-15V_RS=50_ChanC (V)						
		0k	30k	50k	100k	A1
CTRL	SN188	1.99E-05	1.97E-05	1.95E-05	1.99E-05	2.03E-05
	SN387	3.88E-05	3.95E-05	3.92E-05	3.98E-05	3.88E-05
	SN182	6.43E-05	3.91E-05	3.33E-05	1.44E-05	4.62E-05
	SN183	8.77E-05	7.86E-05	8.19E-05	7.46E-05	8.81E-05
	SN184	6.48E-05	5.77E-05	5.58E-05	3.74E-05	5.88E-05
	SN185	1.63E-05	9.60E-06	5.90E-06	-9.20E-06	1.44E-05
	SN186	-1.09E-05	-2.53E-05	-4.23E-05	-5.37E-05	-2.28E-05
	SN187	3.70E-06	-6.40E-06	-1.64E-05	-3.30E-05	-8.90E-06
	SN381	1.40E-04	1.23E-04	1.15E-04	1.05E-04	1.30E-04
	SN382	-1.35E-04	-1.72E-04	-1.93E-04	-2.17E-04	-1.76E-04
	SN383	7.73E-05	5.73E-05	4.52E-05	2.61E-05	6.23E-05
	SN384	3.65E-05	1.50E-05	1.02E-05	0.00E+00	2.89E-05
	SN385	-3.40E-06	-1.49E-05	-1.66E-05	-3.50E-05	-1.19E-05
	SN386	1.32E-04	4.40E-06	-1.59E-04	-4.31E-04	-6.55E-05
	MIN	-1.35E-04	-1.72E-04	-1.93E-04	-4.31E-04	-1.76E-04
	MAX	1.40E-04	1.23E-04	1.15E-04	1.05E-04	1.30E-04
	MEAN	3.94E-05	1.39E-05	-6.68E-06	-4.35E-05	1.19E-05
	STD DEV. ( $\sigma$ )	7.41E-05	7.26E-05	9.08E-05	1.46E-04	7.95E-05
	-3 Sigma	-1.83E-04	-2.04E-04	-2.79E-04	-4.82E-04	-2.27E-04
	+3 Sigma	2.62E-04	2.32E-04	2.66E-04	3.95E-04	2.50E-04

Vos_Vsy=+-15V_RS=50_ChanD (V)						
		0k	30k	50k	100k	A1
CTRL	SN188	7.16E-05	7.16E-05	7.22E-05	7.14E-05	7.15E-05
	SN387	-1.85E-05	-1.76E-05	-1.71E-05	-1.84E-05	-1.75E-05
	SN182	7.96E-05	6.76E-05	5.54E-05	3.67E-05	7.03E-05
	SN183	-5.75E-05	-6.82E-05	-8.13E-05	-9.72E-05	-6.00E-05
	SN184	2.39E-05	-1.21E-04	-2.98E-04	-6.87E-04	-1.85E-04
	SN185	5.92E-05	-7.07E-05	-2.33E-04	-6.18E-04	-1.39E-04
	SN186	-3.20E-06	-1.75E-05	-3.15E-05	-4.50E-05	-1.35E-05
	SN187	6.49E-05	5.00E-05	4.14E-05	2.07E-05	5.17E-05
	SN381	4.53E-05	1.99E-05	7.60E-06	-6.60E-06	2.88E-05
	SN382	2.73E-05	1.73E-05	9.00E-06	-5.90E-06	1.91E-05
	SN383	3.49E-05	1.59E-05	7.10E-06	1.00E-06	2.30E-05
	SN384	3.98E-05	1.53E-05	4.60E-06	-1.78E-05	1.99E-05
	SN385	3.86E-05	1.14E-05	-1.60E-06	-1.43E-05	2.01E-05
	SN386	2.90E-05	-8.74E-05	-2.42E-04	-5.16E-04	-1.54E-04
	MIN	-5.75E-05	-1.21E-04	-2.98E-04	-6.87E-04	-1.85E-04
	MAX	7.96E-05	6.76E-05	5.54E-05	3.67E-05	7.03E-05
	MEAN	3.18E-05	-1.39E-05	-6.36E-05	-1.62E-04	-2.65E-05
	STD DEV. ( $\sigma$ )	3.53E-05	5.90E-05	1.23E-04	2.73E-04	8.67E-05
	-3 Sigma	-7.41E-05	-1.91E-04	-4.32E-04	-9.80E-04	-2.87E-04
	+3 Sigma	1.38E-04	1.63E-04	3.05E-04	6.55E-04	2.33E-04

Vos_Vsy=+-15V_RS=10K_Chana (V)						
		0k	30k	50k	100k	A1
CTRL	SN188	5.91E-05	5.84E-05	5.95E-05	5.92E-05	5.89E-05
	SN387	-3.98E-05	-3.91E-05	-3.91E-05	-3.85E-05	-3.74E-05
	SN182	4.60E-05	3.27E-05	3.15E-05	-5.90E-05	3.55E-05
	SN183	-6.67E-05	-1.30E-04	-1.53E-04	-1.63E-04	-9.77E-05
	SN184	2.44E-05	5.07E-05	8.25E-05	6.58E-05	4.89E-05
	SN185	4.30E-05	-9.41E-04	-2.13E-03	-4.66E-03	-1.58E-03
	SN186	-8.84E-05	-1.45E-04	-1.35E-04	-1.74E-04	-1.25E-04
	SN187	7.50E-06	5.08E-05	6.91E-05	-5.20E-06	1.16E-05
	SN381	3.26E-05	5.67E-05	5.54E-05	7.37E-05	5.81E-05
	SN382	-3.48E-05	-1.57E-05	-2.78E-05	-5.25E-05	-2.20E-05
	SN383	7.64E-05	9.39E-05	1.23E-04	1.64E-04	1.01E-04
	SN384	-1.23E-05	-1.59E-05	-5.42E-05	-2.43E-05	1.21E-05
	SN385	8.52E-05	1.04E-04	1.72E-04	1.77E-04	1.47E-04
	SN386	-1.86E-05	-4.06E-05	-1.04E-05	NA	-3.42E-05
	MIN	-8.84E-05	-9.41E-04	-2.13E-03	-4.66E-03	-1.58E-03
	MAX	8.52E-05	1.04E-04	1.72E-04	1.77E-04	1.47E-04
	MEAN	7.86E-06	-7.50E-05	-1.64E-04	-4.23E-04	-1.20E-04
	STD DEV. ( $\sigma$ )	5.39E-05	2.84E-04	6.25E-04	1.41E-03	4.66E-04
	-3 Sigma	-1.54E-04	-9.27E-04	-2.04E-03	-4.65E-03	-1.52E-03
	+3 Sigma	1.70E-04	7.77E-04	1.71E-03	3.81E-03	1.28E-03



Vos_Vsy=+-15V_RS=10K_ChanB (V)						
		0k	30k	50k	100k	A1
CTRL	SN188	-5.34E-05	-5.19E-05	-5.29E-05	-5.18E-05	-5.24E-05
	SN387	-4.66E-05	-4.61E-05	-4.68E-05	-4.63E-05	-4.62E-05
	SN182	6.93E-05	6.98E-05	1.07E-04	1.02E-04	8.80E-05
	SN183	-2.00E-07	-7.00E-06	2.79E-05	1.39E-05	3.54E-05
	SN184	2.25E-05	1.16E-05	7.25E-05	3.32E-05	1.17E-05
	SN185	5.68E-05	1.44E-04	2.17E-04	2.01E-04	1.03E-04
	SN186	3.70E-06	1.08E-05	2.95E-05	4.30E-05	7.40E-06
	SN187	9.80E-06	2.44E-05	7.59E-05	5.83E-05	4.37E-05
	SN381	1.33E-04	1.57E-04	2.30E-04	2.48E-04	1.97E-04
	SN382	3.01E-05	5.40E-05	7.02E-05	1.09E-04	5.81E-05
	SN383	-1.81E-05	-5.12E-05	-2.94E-05	-3.50E-05	-3.09E-05
	SN384	8.90E-06	-4.73E-04	-9.98E-04	-2.09E-03	-6.74E-04
	SN385	-1.64E-04	-4.15E-04	-6.26E-04	-9.49E-04	-4.09E-04
	SN386	1.15E-04	1.54E-04	1.76E-04	2.16E-04	1.58E-04
	MIN	-1.64E-04	-4.73E-04	-9.98E-04	-2.09E-03	-6.74E-04
	MAX	1.33E-04	1.57E-04	2.30E-04	2.48E-04	1.97E-04
	MEAN	2.23E-05	-2.68E-05	-5.40E-05	-1.70E-04	-3.43E-05
	STD DEV. ( $\sigma$ )	7.50E-05	2.06E-04	3.71E-04	6.79E-04	2.52E-04
	-3 Sigma	-2.03E-04	-6.46E-04	-1.17E-03	-2.21E-03	-7.89E-04
	+3 Sigma	2.47E-04	5.92E-04	1.06E-03	1.87E-03	7.21E-04

Vos_Vsy=+-15V_RS=10K_Chanc (V)						
		0k	30k	50k	100k	A1
CTRL	SN188	-9.50E-06	-9.60E-06	-1.00E-05	-9.40E-06	-7.70E-06
	SN387	2.31E-05	2.30E-05	2.24E-05	2.33E-05	2.18E-05
	SN182	4.44E-05	2.54E-05	5.01E-05	7.15E-05	6.20E-05
	SN183	6.81E-05	5.85E-05	NA	1.03E-04	1.07E-04
	SN184	4.63E-05	9.89E-05	1.64E-04	1.67E-04	8.43E-05
	SN185	6.60E-06	2.29E-05	6.55E-05	9.19E-05	2.88E-05
	SN186	-3.22E-05	-5.46E-05	-8.06E-05	-8.54E-05	-3.33E-05
	SN187	-9.50E-06	-2.00E-06	-7.80E-06	-5.64E-05	-2.09E-05
	SN381	1.18E-04	1.16E-04	1.23E-04	1.89E-04	1.67E-04
	SN382	-1.68E-04	-2.27E-04	-2.42E-04	-2.62E-04	-2.04E-04
	SN383	6.28E-05	6.11E-05	7.32E-05	6.66E-05	8.90E-05
	SN384	9.80E-06	-3.61E-05	-2.91E-05	-3.90E-06	3.78E-05
	SN385	-2.64E-05	-4.78E-05	-3.30E-05	-4.12E-05	-1.53E-05
	SN386	1.15E-04	-7.92E-04	-1.99E-03	-3.66E-03	-1.42E-03
	MIN	-1.68E-04	-7.92E-04	-1.99E-03	-3.66E-03	-1.42E-03
	MAX	1.18E-04	1.16E-04	1.64E-04	1.89E-04	1.67E-04
	MEAN	1.95E-05	-6.47E-05	-1.73E-04	-2.85E-04	-9.34E-05
	STD DEV. ( $\sigma$ )	7.71E-05	2.46E-04	6.13E-04	1.07E-03	4.29E-04
	-3 Sigma	-2.12E-04	-8.03E-04	-2.01E-03	-3.49E-03	-1.38E-03
	+3 Sigma	2.51E-04	6.74E-04	1.66E-03	2.92E-03	1.19E-03

Vos_Vsy=+-15V_RS=10K_ChanD (V)						
		0k	30k	50k	100k	A1
CTRL	SN188	6.63E-05	6.64E-05	6.73E-05	6.64E-05	6.63E-05
	SN387	-4.49E-05	-4.40E-05	-4.42E-05	-4.44E-05	-4.48E-05
	SN182	5.90E-05	2.64E-05	-6.50E-06	-6.46E-05	4.69E-05
	SN183	-7.88E-05	-1.18E-04	-1.79E-04	-2.41E-04	-9.04E-05
	SN184	1.12E-05	-1.05E-03	-2.26E-03	-4.76E-03	-1.62E-03
	SN185	4.91E-05	-9.52E-04	-2.12E-03	-4.60E-03	-1.55E-03
	SN186	-2.43E-05	-6.97E-05	-1.39E-04	-1.97E-04	-7.38E-05
	SN187	5.13E-05	5.57E-05	1.06E-05	-2.30E-06	3.71E-05
	SN381	3.49E-05	-2.92E-05	-5.80E-05	-4.44E-05	2.96E-05
	SN382	-1.00E-06	-8.40E-06	2.00E-07	-4.95E-05	-1.80E-06
	SN383	1.23E-05	1.60E-06	2.35E-05	8.05E-05	3.42E-05
	SN384	1.88E-05	-1.38E-05	-4.41E-05	-1.12E-04	1.13E-05
	SN385	1.35E-05	-2.42E-05	-3.26E-05	-4.11E-05	1.80E-06
	SN386	2.85E-05	-8.66E-04	-2.07E-03	-3.76E-03	-1.48E-03
	MIN	-7.88E-05	-1.05E-03	-2.26E-03	-4.76E-03	-1.62E-03
	MAX	5.90E-05	5.57E-05	2.35E-05	8.05E-05	4.69E-05
	MEAN	1.45E-05	-2.54E-04	-5.73E-04	-1.15E-03	-3.89E-04
	STD DEV. ( $\sigma$ )	3.77E-05	4.27E-04	9.53E-04	1.96E-03	7.04E-04
	-3 Sigma	-9.85E-05	-1.53E-03	-3.43E-03	-7.03E-03	-2.50E-03
	+3 Sigma	1.28E-04	1.03E-03	2.29E-03	4.73E-03	1.72E-03

<b>+Ibias_Vsy=+-15V_Vcm=0_ChanA (A)</b>						
		<b>0k</b>	<b>30k</b>	<b>50k</b>	<b>100k</b>	<b>A1</b>
CTRL	<b>SN188</b>	-8.73E-08	-8.74E-08	-8.73E-08	-8.72E-08	-8.74E-08
	<b>SN387</b>	-8.36E-08	-8.36E-08	-8.35E-08	-8.33E-08	-8.33E-08
	<b>SN182</b>	-8.83E-08	-5.88E-07	-9.50E-07	-1.30E-06	-7.66E-07
	<b>SN183</b>	-8.83E-08	-6.06E-07	-9.71E-07	-1.30E-06	-7.64E-07
	<b>SN184</b>	-8.69E-08	-6.43E-07	-1.04E-06	-1.31E-06	-7.80E-07
	<b>SN185</b>	-8.67E-08	-4.90E-07	-7.66E-07	-1.08E-06	-6.40E-07
	<b>SN186</b>	-8.67E-08	-5.73E-07	-9.37E-07	-1.30E-06	-7.59E-07
	<b>SN187</b>	-8.44E-08	-6.30E-07	-1.02E-06	-1.30E-06	-7.75E-07
	<b>SN381</b>	-8.33E-08	-5.92E-07	-9.61E-07	-1.31E-06	-7.37E-07
	<b>SN382</b>	-8.86E-08	-5.86E-07	-9.38E-07	-1.30E-06	-7.30E-07
	<b>SN383</b>	-8.94E-08	-6.07E-07	-9.69E-07	-1.31E-06	-7.59E-07
	<b>SN384</b>	-8.20E-08	-5.69E-07	-9.29E-07	-1.30E-06	-7.28E-07
	<b>SN385</b>	-8.22E-08	-5.85E-07	-9.54E-07	-1.31E-06	-7.41E-07
	<b>SN386</b>	-8.10E-08	-5.69E-07	-9.33E-07	-1.30E-06	-7.36E-07
	<b>MIN</b>	-8.94E-08	-6.43E-07	-1.04E-06	-1.31E-06	-7.80E-07
	<b>MAX</b>	-8.10E-08	-4.90E-07	-7.66E-07	-1.08E-06	-6.40E-07
	<b>MEAN</b>	-8.56E-08	-5.87E-07	-9.47E-07	-1.29E-06	-7.43E-07
	<b>STD DEV. (<math>\sigma</math>)</b>	2.93E-09	3.83E-08	6.63E-08	6.64E-08	3.68E-08
	<b>-3 Sigma</b>	-9.44E-08	-7.02E-07	-1.15E-06	-1.49E-06	-8.53E-07
	<b>+3 Sigma</b>	-7.68E-08	-4.72E-07	-7.48E-07	-1.09E-06	-6.32E-07

<b>-Ibias_Vsy=+-15V_Vcm=0_ChanA (A)</b>						
		<b>0k</b>	<b>30k</b>	<b>50k</b>	<b>100k</b>	<b>A1</b>
CTRL	<b>SN188</b>	-8.70E-08	-8.68E-08	-8.67E-08	-8.67E-08	-8.68E-08
	<b>SN387</b>	-8.16E-08	-8.15E-08	-8.14E-08	-8.14E-08	-8.18E-08
	<b>SN182</b>	-8.72E-08	-5.86E-07	-9.47E-07	-1.26E-06	-7.65E-07
	<b>SN183</b>	-8.62E-08	-5.99E-07	-9.60E-07	-1.27E-06	-7.59E-07
	<b>SN184</b>	-8.44E-08	-6.43E-07	-1.04E-06	-1.26E-06	-7.80E-07
	<b>SN185</b>	-8.58E-08	-4.06E-07	-5.86E-07	-6.88E-07	-4.99E-07
	<b>SN186</b>	-8.59E-08	-5.66E-07	-9.30E-07	-1.28E-06	-7.55E-07
	<b>SN187</b>	-8.34E-08	-6.31E-07	-1.02E-06	-1.27E-06	-7.74E-07
	<b>SN381</b>	-8.28E-08	-5.93E-07	-9.61E-07	-1.26E-06	-7.39E-07
	<b>SN382</b>	-8.70E-08	-5.86E-07	-9.35E-07	-1.27E-06	-7.30E-07
	<b>SN383</b>	-8.88E-08	-6.08E-07	-9.71E-07	-1.26E-06	-7.61E-07
	<b>SN384</b>	-8.06E-08	-5.66E-07	-9.24E-07	-1.27E-06	-7.29E-07
	<b>SN385</b>	-8.07E-08	-5.85E-07	-9.58E-07	-1.26E-06	-7.45E-07
	<b>SN386</b>	-7.92E-08	-5.65E-07	-9.31E-07	-1.27E-06	-7.33E-07
	<b>MIN</b>	-8.88E-08	-6.43E-07	-1.04E-06	-1.28E-06	-7.80E-07
	<b>MAX</b>	-7.92E-08	-4.06E-07	-5.86E-07	-6.88E-07	-4.99E-07
	<b>MEAN</b>	-8.43E-08	-5.78E-07	-9.30E-07	-1.22E-06	-7.31E-07
	<b>STD DEV. (<math>\sigma</math>)</b>	3.00E-09	5.95E-08	1.14E-07	1.67E-07	7.49E-08
	<b>-3 Sigma</b>	-9.33E-08	-7.56E-07	-1.27E-06	-1.72E-06	-9.56E-07
	<b>+3 Sigma</b>	-7.53E-08	-3.99E-07	-5.88E-07	-7.17E-07	-5.06E-07

<b>+Ibias_Vsy=+-15V_Vcm=0_ChanB</b>						
		<b>0k</b>	<b>30k</b>	<b>50k</b>	<b>100k</b>	<b>A1</b>
CTRL	<b>SN188</b>	-8.75E-08	-8.74E-08	-8.74E-08	-8.73E-08	-8.75E-08
	<b>SN387</b>	-8.11E-08	-8.10E-08	-8.10E-08	-8.09E-08	-8.10E-08
	<b>SN182</b>	-8.76E-08	-6.00E-07	-9.68E-07	-1.31E-06	-7.75E-07
	<b>SN183</b>	-8.69E-08	-6.20E-07	-9.90E-07	-1.30E-06	-7.72E-07
	<b>SN184</b>	-8.52E-08	-6.53E-07	-1.05E-06	-1.31E-06	-7.83E-07
	<b>SN185</b>	-8.41E-08	-6.19E-07	-1.00E-06	-1.31E-06	-7.69E-07
	<b>SN186</b>	-8.52E-08	-5.81E-07	-9.52E-07	-1.31E-06	-7.66E-07
	<b>SN187</b>	-8.50E-08	-6.32E-07	-1.02E-06	-1.31E-06	-7.74E-07
	<b>SN381</b>	-8.30E-08	-5.89E-07	-9.51E-07	-1.32E-06	-7.34E-07
	<b>SN382</b>	-8.67E-08	-5.90E-07	-9.47E-07	-1.31E-06	-7.34E-07
	<b>SN383</b>	-8.87E-08	-6.01E-07	-9.58E-07	-1.30E-06	-7.55E-07
	<b>SN384</b>	-8.03E-08	-5.08E-07	-8.12E-07	-1.14E-06	-6.55E-07
	<b>SN385</b>	-8.17E-08	-5.48E-07	-8.89E-07	-1.28E-06	-7.08E-07
	<b>SN386</b>	-7.94E-08	-5.67E-07	-9.31E-07	-1.32E-06	-7.33E-07
	<b>MIN</b>	-8.87E-08	-6.53E-07	-1.05E-06	-1.32E-06	-7.83E-07
	<b>MAX</b>	-7.94E-08	-5.08E-07	-8.12E-07	-1.14E-06	-6.55E-07
	<b>MEAN</b>	-8.45E-08	-5.92E-07	-9.56E-07	-1.29E-06	-7.46E-07
	<b>STD DEV. (<math>\sigma</math>)</b>	2.91E-09	3.91E-08	6.18E-08	5.07E-08	3.68E-08
	<b>-3 Sigma</b>	-9.32E-08	-7.10E-07	-1.14E-06	-1.45E-06	-8.57E-07
	<b>+3 Sigma</b>	-7.57E-08	-4.75E-07	-7.70E-07	-1.14E-06	-6.36E-07

<b>-Ibias_Vsy=+-15V_Vcm=0_ChanB (A)</b>						
		<b>0k</b>	<b>30k</b>	<b>50k</b>	<b>100k</b>	<b>A1</b>
CTRL	<b>SN188</b>	-8.51E-08	-8.51E-08	-8.51E-08	-8.50E-08	-8.51E-08
	<b>SN387</b>	-8.06E-08	-8.05E-08	-8.05E-08	-8.03E-08	-8.06E-08
	<b>SN182</b>	-8.68E-08	-6.00E-07	-9.71E-07	-1.25E-06	-7.76E-07
	<b>SN183</b>	-8.58E-08	-6.19E-07	-9.91E-07	-1.26E-06	-7.74E-07
	<b>SN184</b>	-8.31E-08	-6.51E-07	-1.05E-06	-1.26E-06	-7.81E-07
	<b>SN185</b>	-8.34E-08	-6.25E-07	-1.01E-06	-1.26E-06	-7.71E-07
	<b>SN186</b>	-8.46E-08	-5.80E-07	-9.54E-07	-1.26E-06	-7.66E-07
	<b>SN187</b>	-8.30E-08	-6.31E-07	-1.02E-06	-1.26E-06	-7.75E-07
	<b>SN381</b>	-8.22E-08	-5.90E-07	-9.58E-07	-1.25E-06	-7.39E-07
	<b>SN382</b>	-8.51E-08	-5.91E-07	-9.47E-07	-1.26E-06	-7.36E-07
	<b>SN383</b>	-8.63E-08	-5.96E-07	-9.56E-07	-1.27E-06	-7.53E-07
	<b>SN384</b>	-7.95E-08	-4.69E-07	-7.34E-07	-9.67E-07	-5.99E-07
	<b>SN385</b>	-7.84E-08	-5.24E-07	-8.50E-07	-1.21E-06	-6.86E-07
	<b>SN386</b>	-7.90E-08	-5.69E-07	-9.36E-07	-1.25E-06	-7.38E-07
	<b>MIN</b>	-8.68E-08	-6.51E-07	-1.05E-06	-1.27E-06	-7.81E-07
	<b>MAX</b>	-7.84E-08	-4.69E-07	-7.34E-07	-9.67E-07	-5.99E-07
	<b>MEAN</b>	-8.31E-08	-5.87E-07	-9.48E-07	-1.23E-06	-7.41E-07
	<b>STD DEV. (<math>\sigma</math>)</b>	2.86E-09	4.94E-08	8.43E-08	8.43E-08	5.24E-08
	<b>-3 Sigma</b>	-9.17E-08	-7.35E-07	-1.20E-06	-1.48E-06	-8.98E-07
	<b>+3 Sigma</b>	-7.45E-08	-4.39E-07	-6.95E-07	-9.78E-07	-5.84E-07

<b>+Ibias_Vsy=+-15V_Vcm=0_Chanc (A)</b>						
		<b>0k</b>	<b>30k</b>	<b>50k</b>	<b>100k</b>	<b>A1</b>
CTRL	<b>SN188</b>	-9.11E-08	-9.11E-08	-9.10E-08	-9.09E-08	-9.10E-08
	<b>SN387</b>	-8.50E-08	-8.50E-08	-8.49E-08	-8.48E-08	-8.50E-08
	<b>SN182</b>	-9.17E-08	-6.17E-07	-9.92E-07	-1.31E-06	-7.87E-07
	<b>SN183</b>	-9.16E-08	-6.39E-07	-1.01E-06	-1.31E-06	-7.85E-07
	<b>SN184</b>	-8.84E-08	-6.64E-07	-1.06E-06	-1.31E-06	-7.91E-07
	<b>SN185</b>	-8.82E-08	-6.42E-07	-1.03E-06	-1.31E-06	-7.86E-07
	<b>SN186</b>	-9.08E-08	-5.96E-07	-9.68E-07	-1.30E-06	-7.81E-07
	<b>SN187</b>	-8.68E-08	-6.49E-07	-1.04E-06	-1.30E-06	-7.85E-07
	<b>SN381</b>	-8.67E-08	-6.00E-07	-9.67E-07	-1.32E-06	-7.42E-07
	<b>SN382</b>	-9.27E-08	-5.14E-07	-7.97E-07	-1.10E-06	-6.48E-07
	<b>SN383</b>	-9.19E-08	-6.19E-07	-9.80E-07	-1.31E-06	-7.67E-07
	<b>SN384</b>	-8.45E-08	-6.01E-07	-9.70E-07	-1.31E-06	-7.51E-07
	<b>SN385</b>	-8.45E-08	-6.05E-07	-9.82E-07	-1.30E-06	-7.58E-07
	<b>SN386</b>	-8.49E-08	-4.30E-07	-6.52E-07	-8.19E-07	-5.42E-07
	<b>MIN</b>	-9.27E-08	-6.64E-07	-1.06E-06	-1.32E-06	-7.91E-07
	<b>MAX</b>	-8.45E-08	-4.30E-07	-6.52E-07	-8.19E-07	-5.42E-07
	<b>MEAN</b>	-8.86E-08	-5.98E-07	-9.55E-07	-1.25E-06	-7.44E-07
	<b>STD DEV. (<math>\sigma</math>)</b>	3.11E-09	6.51E-08	1.16E-07	1.48E-07	7.45E-08
	<b>-3 Sigma</b>	-9.79E-08	-7.93E-07	-1.30E-06	-1.69E-06	-9.67E-07
	<b>+3 Sigma</b>	-7.92E-08	-4.03E-07	-6.06E-07	-8.05E-07	-5.20E-07



<b>-Ibias_Vsy=+-15V_Vcm=0_ChanC (A)</b>						
		<b>0k</b>	<b>30k</b>	<b>50k</b>	<b>100k</b>	<b>A1</b>
CTRL	<b>SN188</b>	-8.82E-08	-8.81E-08	-8.81E-08	-8.80E-08	-8.82E-08
	<b>SN387</b>	-8.34E-08	-8.34E-08	-8.34E-08	-8.33E-08	-8.33E-08
	<b>SN182</b>	-8.98E-08	-6.15E-07	-9.91E-07	-1.26E-06	-7.88E-07
	<b>SN183</b>	-9.00E-08	-6.36E-07	-1.01E-06	-1.25E-06	-7.87E-07
	<b>SN184</b>	-8.67E-08	-6.66E-07	-1.07E-06	-1.26E-06	-7.93E-07
	<b>SN185</b>	-8.70E-08	-6.42E-07	-1.03E-06	-1.26E-06	-7.86E-07
	<b>SN186</b>	-8.86E-08	-5.91E-07	-9.62E-07	-1.27E-06	-7.78E-07
	<b>SN187</b>	-8.56E-08	-6.48E-07	-1.04E-06	-1.26E-06	-7.83E-07
	<b>SN381</b>	-8.51E-08	-5.99E-07	-9.65E-07	-1.25E-06	-7.46E-07
	<b>SN382</b>	-8.88E-08	-5.08E-07	-7.89E-07	-1.09E-06	-6.44E-07
	<b>SN383</b>	-9.05E-08	-6.18E-07	-9.79E-07	-1.26E-06	-7.69E-07
	<b>SN384</b>	-8.18E-08	-5.95E-07	-9.64E-07	-1.26E-06	-7.51E-07
	<b>SN385</b>	-8.20E-08	-6.01E-07	-9.76E-07	-1.26E-06	-7.57E-07
	<b>SN386</b>	-8.37E-08	-3.53E-07	-4.76E-07	-5.06E-07	-4.08E-07
	<b>MIN</b>	-9.05E-08	-6.66E-07	-1.07E-06	-1.27E-06	-7.93E-07
	<b>MAX</b>	-8.18E-08	-3.53E-07	-4.76E-07	-5.06E-07	-4.08E-07
	<b>MEAN</b>	-8.66E-08	-5.89E-07	-9.38E-07	-1.18E-06	-7.32E-07
	<b>STD DEV. (<math>\sigma</math>)</b>	3.04E-09	8.45E-08	1.61E-07	2.19E-07	1.10E-07
	<b>-3 Sigma</b>	-9.57E-08	-8.43E-07	-1.42E-06	-1.84E-06	-1.06E-06
	<b>+3 Sigma</b>	-7.75E-08	-3.36E-07	-4.55E-07	-5.26E-07	-4.03E-07

<b>+Ibias_Vsy=+-15V_Vcm=0_ChanD (A)</b>						
		<b>0k</b>	<b>30k</b>	<b>50k</b>	<b>100k</b>	<b>A1</b>
CTRL	<b>SN188</b>	-9.13E-08	-9.11E-08	-9.10E-08	-9.10E-08	-9.12E-08
	<b>SN387</b>	-8.74E-08	-8.73E-08	-8.73E-08	-8.72E-08	-8.73E-08
	<b>SN182</b>	-9.43E-08	-6.05E-07	-9.66E-07	-1.31E-06	-7.82E-07
	<b>SN183</b>	-9.32E-08	-6.24E-07	-9.91E-07	-1.30E-06	-7.79E-07
	<b>SN184</b>	-9.14E-08	-5.33E-07	-8.31E-07	-1.16E-06	-6.80E-07
	<b>SN185</b>	-9.14E-08	-5.13E-07	-7.96E-07	-1.11E-06	-6.65E-07
	<b>SN186</b>	-9.38E-08	-5.91E-07	-9.56E-07	-1.31E-06	-7.83E-07
	<b>SN187</b>	-8.92E-08	-6.50E-07	-1.05E-06	-1.31E-06	-7.92E-07
	<b>SN381</b>	-8.81E-08	-6.03E-07	-9.68E-07	-1.31E-06	-7.49E-07
	<b>SN382</b>	-9.43E-08	-6.02E-07	-9.51E-07	-1.31E-06	-7.46E-07
	<b>SN383</b>	-9.47E-08	-6.29E-07	-9.92E-07	-1.31E-06	-7.77E-07
	<b>SN384</b>	-8.64E-08	-5.95E-07	-9.58E-07	-1.31E-06	-7.51E-07
	<b>SN385</b>	-8.58E-08	-6.07E-07	-9.83E-07	-1.31E-06	-7.64E-07
	<b>SN386</b>	-8.66E-08	-4.40E-07	-6.66E-07	-8.40E-07	-5.54E-07
	<b>MIN</b>	-9.47E-08	-6.50E-07	-1.05E-06	-1.31E-06	-7.92E-07
	<b>MAX</b>	-8.58E-08	-4.40E-07	-6.66E-07	-8.40E-07	-5.54E-07
	<b>MEAN</b>	-9.08E-08	-5.83E-07	-9.25E-07	-1.24E-06	-7.35E-07
	<b>STD DEV. (<math>\sigma</math>)</b>	3.41E-09	5.90E-08	1.07E-07	1.43E-07	6.99E-08
	<b>-3 Sigma</b>	-1.01E-07	-7.60E-07	-1.25E-06	-1.67E-06	-9.45E-07
	<b>+3 Sigma</b>	-8.05E-08	-4.06E-07	-6.05E-07	-8.11E-07	-5.25E-07

<b>-Ibias_Vsy=+-15V_Vcm=0_ChanD (A)</b>						
		<b>0k</b>	<b>30k</b>	<b>50k</b>	<b>100k</b>	<b>A1</b>
CTRL	<b>SN188</b>	-9.09E-08	-9.09E-08	-9.09E-08	-9.08E-08	-9.09E-08
	<b>SN387</b>	-8.44E-08	-8.44E-08	-8.44E-08	-8.43E-08	-8.44E-08
	<b>SN182</b>	-9.21E-08	-6.01E-07	-9.57E-07	-1.25E-06	-7.79E-07
	<b>SN183</b>	-9.09E-08	-6.18E-07	-9.79E-07	-1.27E-06	-7.75E-07
	<b>SN184</b>	-8.99E-08	-4.43E-07	-6.44E-07	-7.60E-07	-5.38E-07
	<b>SN185</b>	-9.05E-08	-4.27E-07	-6.17E-07	-7.30E-07	-5.25E-07
	<b>SN186</b>	-9.15E-08	-5.85E-07	-9.43E-07	-1.27E-06	-7.76E-07
	<b>SN187</b>	-8.79E-08	-6.49E-07	-1.04E-06	-1.26E-06	-7.89E-07
	<b>SN381</b>	-8.68E-08	-5.97E-07	-9.59E-07	-1.26E-06	-7.48E-07
	<b>SN382</b>	-9.13E-08	-5.98E-07	-9.48E-07	-1.26E-06	-7.44E-07
	<b>SN383</b>	-9.24E-08	-6.26E-07	-9.91E-07	-1.26E-06	-7.78E-07
	<b>SN384</b>	-8.42E-08	-5.91E-07	-9.50E-07	-1.26E-06	-7.49E-07
	<b>SN385</b>	-8.32E-08	-6.03E-07	-9.77E-07	-1.26E-06	-7.61E-07
	<b>SN386</b>	-8.65E-08	-3.64E-07	-4.92E-07	-5.24E-07	-4.22E-07
	<b>MIN</b>	-9.24E-08	-6.49E-07	-1.04E-06	-1.27E-06	-7.89E-07
	<b>MAX</b>	-8.32E-08	-3.64E-07	-4.92E-07	-5.24E-07	-4.22E-07
	<b>MEAN</b>	-8.89E-08	-5.59E-07	-8.75E-07	-1.12E-06	-6.99E-07
	<b>STD DEV. (<math>\sigma</math>)</b>	3.14E-09	9.20E-08	1.80E-07	2.74E-07	1.27E-07
	<b>-3 Sigma</b>	-9.83E-08	-8.34E-07	-1.42E-06	-1.94E-06	-1.08E-06
	<b>+3 Sigma</b>	-7.95E-08	-2.83E-07	-3.34E-07	-2.95E-07	-3.19E-07

IOffset_Vsy=+-15V_Chana (A)						
		0k	30k	50k	100k	A1
CTRL	SN188	-3.49E-10	-5.89E-10	-6.10E-10	-5.00E-10	-5.91E-10
	SN387	-2.07E-09	-2.06E-09	-2.10E-09	-1.94E-09	-1.52E-09
	SN182	-1.12E-09	-1.93E-09	-2.78E-09	-4.49E-08	-1.07E-09
	SN183	-2.03E-09	-7.94E-09	-1.10E-08	-2.67E-08	-4.84E-09
	SN184	-2.49E-09	-2.71E-10	1.19E-09	-4.73E-08	1.64E-10
	SN185	-8.48E-10	-8.42E-08	-1.80E-07	-3.88E-07	-1.41E-07
	SN186	-8.77E-10	-6.57E-09	-7.05E-09	-1.94E-08	-4.19E-09
	SN187	-1.08E-09	1.27E-09	1.27E-09	-3.71E-08	-3.77E-10
	SN381	-4.66E-10	6.09E-10	-6.47E-11	-4.42E-08	1.66E-09
	SN382	-1.61E-09	9.30E-11	-2.60E-09	-3.08E-08	1.03E-10
	SN383	-6.12E-10	1.15E-09	2.52E-09	-5.52E-08	2.22E-09
	SN384	-1.36E-09	-2.39E-09	-5.61E-09	-3.55E-08	9.67E-10
	SN385	-1.43E-09	2.07E-10	3.47E-09	-5.72E-08	4.70E-09
	SN386	-1.75E-09	-4.09E-09	-2.36E-09	-3.22E-08	-2.80E-09
	MIN	-2.49E-09	-8.42E-08	-1.80E-07	-3.88E-07	-1.41E-07
	MAX	-4.66E-10	1.27E-09	3.47E-09	-1.94E-08	4.70E-09
	MEAN	-1.30E-09	-8.67E-09	-1.69E-08	-6.82E-08	-1.20E-08
	STD DEV. ( $\sigma$ )	5.95E-10	2.40E-08	5.15E-08	1.01E-07	4.07E-08
	-3 Sigma	-3.09E-09	-8.06E-08	-1.71E-07	-3.72E-07	-1.34E-07
	+3 Sigma	4.80E-10	6.32E-08	1.38E-07	2.36E-07	1.10E-07

IOffset_Vsy=+-15V_ChanB (A)						
		0k	30k	50k	100k	A1
CTRL	SN188	-2.49E-09	-2.33E-09	-2.32E-09	-2.28E-09	-2.33E-09
	SN387	-4.68E-10	-4.47E-10	-5.19E-10	-6.09E-10	-3.76E-10
	SN182	-7.78E-10	-4.59E-10	2.28E-09	-5.68E-08	1.23E-09
	SN183	-1.05E-09	-9.90E-10	1.45E-09	-4.00E-08	2.41E-09
	SN184	-2.10E-09	-2.43E-09	1.46E-09	-4.56E-08	-1.88E-09
	SN185	-7.26E-10	5.94E-09	1.06E-08	-5.94E-08	2.40E-09
	SN186	-5.82E-10	-4.87E-11	1.25E-09	-4.07E-08	2.37E-10
	SN187	-2.05E-09	-1.47E-09	1.41E-09	-4.54E-08	7.15E-10
	SN381	-7.18E-10	1.84E-09	7.06E-09	-7.18E-08	5.28E-09
	SN382	-1.52E-09	9.96E-10	-3.00E-10	-5.09E-08	1.68E-09
	SN383	-2.41E-09	-4.92E-09	-2.18E-09	-3.69E-08	-2.34E-09
	SN384	-8.26E-10	-3.86E-08	-7.78E-08	-1.69E-07	-5.61E-08
	SN385	-3.23E-09	-2.32E-08	-3.95E-08	-6.62E-08	-2.21E-08
	SN386	-3.56E-10	2.56E-09	4.78E-09	-6.63E-08	4.75E-09
	MIN	-3.23E-09	-3.86E-08	-7.78E-08	-1.69E-07	-5.61E-08
	MAX	-3.56E-10	5.94E-09	1.06E-08	-3.69E-08	5.28E-09
	MEAN	-1.36E-09	-5.07E-09	-7.46E-09	-6.24E-08	-5.31E-09
	STD DEV. ( $\sigma$ )	8.93E-10	1.28E-08	2.55E-08	3.54E-08	1.75E-08
	-3 Sigma	-4.04E-09	-4.35E-08	-8.40E-08	-1.69E-07	-5.78E-08
	+3 Sigma	1.32E-09	3.33E-08	6.90E-08	4.38E-08	4.72E-08

IOffset_Vsy=+-15V_Chanc (A)						
		0k	30k	50k	100k	A1
CTRL	SN188	-2.92E-09	-3.01E-09	-2.92E-09	-2.91E-09	-2.77E-09
	SN387	-1.52E-09	-1.57E-09	-1.56E-09	-1.49E-09	-1.68E-09
	SN182	-1.87E-09	-1.90E-09	-8.14E-10	-5.07E-08	1.23E-09
	SN183	-1.65E-09	-2.49E-09	-1.29E-09	-6.09E-08	1.22E-09
	SN184	-1.69E-09	2.26E-09	7.16E-09	-5.42E-08	1.93E-09
	SN185	-1.22E-09	-1.22E-10	2.79E-09	-4.39E-08	1.27E-10
	SN186	-2.23E-09	-4.27E-09	-6.44E-09	-3.49E-08	-2.36E-09
	SN187	-1.19E-09	-1.39E-09	-2.76E-09	-3.92E-08	-2.05E-09
	SN381	-1.64E-09	-1.40E-09	-1.91E-09	-6.67E-08	3.08E-09
	SN382	-3.90E-09	-6.68E-09	-8.05E-09	-1.24E-08	-4.04E-09
	SN383	-1.48E-09	-3.91E-10	-5.30E-10	-5.10E-08	1.93E-09
	SN384	-2.65E-09	-6.27E-09	-6.17E-09	-4.56E-08	-2.81E-10
	SN385	-2.50E-09	-4.59E-09	-6.25E-09	-3.87E-08	-8.91E-10
	SN386	-1.23E-09	-7.68E-08	-1.76E-07	-3.14E-07	-1.34E-07
	MIN	-3.90E-09	-7.68E-08	-1.76E-07	-3.14E-07	-1.34E-07
	MAX	-1.19E-09	2.26E-09	7.16E-09	-1.24E-08	3.08E-09
	MEAN	-1.94E-09	-8.67E-09	-1.67E-08	-6.77E-08	-1.12E-08
	STD DEV. ( $\sigma$ )	7.86E-10	2.16E-08	5.03E-08	7.87E-08	3.87E-08
	-3 Sigma	-4.29E-09	-7.35E-08	-1.68E-07	-3.04E-07	-1.27E-07
	+3 Sigma	4.21E-10	5.62E-08	1.34E-07	1.69E-07	1.05E-07

IOffset_Vsy=+-15V_ChanD (A)						
		0k	30k	50k	100k	A1
CTRL	SN188	-3.63E-10	-2.68E-10	-1.59E-10	-2.18E-10	-3.10E-10
	SN387	-2.97E-09	-2.92E-09	-2.90E-09	-2.89E-09	-2.86E-09
	SN182	-2.19E-09	-4.64E-09	-8.37E-09	-5.70E-08	-2.86E-09
	SN183	-2.35E-09	-6.26E-09	-1.21E-08	-2.84E-08	-4.13E-09
	SN184	-1.44E-09	-8.97E-08	-1.87E-07	-3.98E-07	-1.42E-07
	SN185	-8.45E-10	-8.57E-08	-1.79E-07	-3.85E-07	-1.40E-07
	SN186	-2.35E-09	-6.23E-09	-1.27E-08	-3.85E-08	-7.04E-09
	SN187	-1.28E-09	-1.31E-09	-6.04E-09	-5.16E-08	-2.47E-09
	SN381	-1.32E-09	-5.62E-09	-9.29E-09	-4.62E-08	-1.14E-09
	SN382	-3.03E-09	-3.99E-09	-3.06E-09	-4.63E-08	-2.75E-09
	SN383	-2.36E-09	-2.78E-09	-1.33E-09	-4.77E-08	3.02E-10
	SN384	-2.20E-09	-4.06E-09	-7.78E-09	-4.37E-08	-1.71E-09
	SN385	-2.58E-09	-3.88E-09	-6.11E-09	-4.46E-08	-2.80E-09
	SN386	-5.98E-11	-7.57E-08	-1.75E-07	-3.15E-07	-1.32E-07
	MIN	-3.03E-09	-8.97E-08	-1.87E-07	-3.98E-07	-1.42E-07
	MAX	-5.98E-11	-1.31E-09	-1.33E-09	-2.84E-08	3.02E-10
	MEAN	-1.83E-09	-2.42E-08	-5.06E-08	-1.25E-07	-3.65E-08
	STD DEV. ( $\sigma$ )	8.48E-10	3.61E-08	7.83E-08	1.47E-07	6.12E-08
	-3 Sigma	-4.38E-09	-1.32E-07	-2.85E-07	-5.65E-07	-2.20E-07
	+3 Sigma	7.10E-10	8.40E-08	1.84E-07	3.15E-07	1.47E-07

CMRR_Vsy15_Vcm12_RS=50_Chana (dB)						
		0k	30k	50k	100k	A1
CTRL	SN188	117	116	116	117	117
	SN387	153	151	149	154	154
	SN182	120	124	127	127	128
	SN183	120	122	122	123	124
	SN184	116	118	120	119	120
	SN185	115	107	100.1	94.7	105
	SN186	122	126	126	132	131
	SN187	124	129	132	128	133
	SN381	125	131	132	156	140
	SN382	140	134	132	140	135
	SN383	115	118	120	124	120
	SN384	125	135	148	133	161
	SN385	119	124	133	133	126
	SN386	150	133	127	128	127
	MIN	115	107	100	94.7	105
	MAX	150	135	148	156	161
	MEAN	124	125	127	128	129
	STD DEV. ( $\sigma$ )	10.3	8.18	11.3	14.2	13.6
	-3 Sigma	093	100	093	086	088
	+3 Sigma	155	149	161	171	170



CMRR_Vsy15_Vcm12_RS=50_ChanB (dB)						
		0k	30k	50k	100k	A1
CTRL	SN188	154	150	149	156	156
	SN387	139	139	139	140	139
	SN182	120	127	135	136	128
	SN183	131	132	124	122	128
	SN184	117	121	124	127	123
	SN185	123	139	142	132	183
	SN186	127	140	132	125	132
	SN187	125	134	146	136	137
	SN381	113	116	118	120	118
	SN382	119	123	126	133	128
	SN383	131	136	128	124	131
	SN384	138	120	111	105	119
	SN385	118	117	115	113	120
	SN386	112	115	116	118	116
	MIN	112	115	111	105	116
	MAX	138	140	146	136	183
	MEAN	123	127	126	124	130
	STD DEV. ( $\sigma$ )	7.78	9.17	10.8	9.47	17.8
	-3 Sigma	100	099	094	096	077
	+3 Sigma	146	154	159	153	184

CMRR_Vsy15_Vcm12_RS=50_Chanc (dB)						
		0k	30k	50k	100k	A1
CTRL	SN188	135	134	135	135	135
	SN387	135	136	136	136	136
	SN182	130	127	124	123	126
	SN183	125	139	128	127	141
	SN184	125	145	139	128	139
	SN185	144	128	124	123	128
	SN186	155	127	126	127	127
	SN187	131	141	150	136	138
	SN381	114	118	118	119	118
	SN382	125	119	118	116	118
	SN383	131	128	125	125	128
	SN384	130	138	132	126	132
	SN385	117	122	125	131	123
	SN386	116	109	101	096	104
	MIN	114	109	101	096	104
	MAX	155	145	150	136	141
	MEAN	129	128	126	123	127
	STD DEV. ( $\sigma$ )	11.70	10.81	11.9	9.95	10.3
	-3 Sigma	094	096	090	093	096
	+3 Sigma	164	161	161	153	158

CMRR_Vsy15_Vcm12_RS=50_ChanD (dB)						
		0k	30k	50k	100k	A1
CTRL	SN188	121	121	121	121	121
	SN387	123	123	123	123	123
	SN182	127	145	147	134	144
	SN183	141	127	127	130	128
	SN184	158	112	103	097	110
	SN185	123	110	102	096	108
	SN186	119	122	120	120	123
	SN187	132	145	133	130	132
	SN381	173	130	139	131	127
	SN382	131	125	127	131	127
	SN383	122	143	161	134	138
	SN384	155	127	128	128	124
	SN385	135	128	125	126	126
	SN386	144	114	103	097	107
	MIN	119	110	102	096	107
	MAX	173	145	161	134	144
	MEAN	138	127	126	121	124
	STD DEV. ( $\sigma$ )	16.62	12.10	17.9	15.31	11.3
	-3 Sigma	088	091	073	075	090
	+3 Sigma	188	164	180	167	158

CMRR_Vsy15_Vcm12_RS=10K_ChanA (dB)						
		0k	30k	50k	100k	A1
CTRL	SN188	115	115	115	115	115
	SN387	124	124	125	125	124
	SN182	117	115	115	109	117
	SN183	116	110	108	107	112
	SN184	112	116	121	115	116
	SN185	113	090	083	077	085
	SN186	119	113	111	110	115
	SN187	119	164	131	120	125
	SN381	121	153	133	126	128
	SN382	128	129	150	118	133
	SN383	114	117	130	124	122
	SN384	121	123	120	133	133
	SN385	116	123	118	123	131
	SN386	126	126	150	115	132
	MIN	112	090	083	077	085
	MAX	128	164	150	133	133
	MEAN	118	123	123	115	121
	STD DEV. ( $\sigma$ )	4.97	19.44	18.6	14.18	13.5
	-3 Sigma	103	065	067	072	080
	+3 Sigma	133	182	178	157	161

CMRR_Vsy15_Vcm12_RS=10K_ChanB (dB)						
		0k	30k	50k	100k	A1
CTRL	SN188	122	122	123	122	122
	SN387	127	127	127	126	127
	SN182	116	121	127	119	126
	SN183	123	151	116	118	123
	SN184	113	113	129	122	117
	SN185	119	116	110	111	118
	SN186	122	125	118	116	123
	SN187	118	125	127	127	131
	SN381	112	115	131	121	132
	SN382	115	121	130	121	141
	SN383	120	118	124	127	122
	SN384	127	097	091	085	093
	SN385	114	101	097	093	101
	SN386	111	119	122	136	118
	MIN	111	097	091	085	093
	MAX	127	151	131	136	141
	MEAN	118	118	118	116	120
	STD DEV. ( $\sigma$ )	4.92	13.35	13.2	14.27	13.0
	-3 Sigma	103	078	079	073	081
	+3 Sigma	132	159	158	159	159

CMRR_Vsy15_Vcm12_RS=10K_ChanC (dB)						
		0k	30k	50k	100k	A1
CTRL	SN188	120	120	120	120	120
	SN387	124	124	124	124	124
	SN182	120	129	118	115	119
	SN183	119	141	119	119	126
	SN184	119	119	111	110	119
	SN185	129	117	113	112	119
	SN186	124	135	150	120	139
	SN187	123	141	140	119	127
	SN381	112	115	116	119	121
	SN382	130	134	147	121	121
	SN383	123	123	121	125	121
	SN384	120	117	119	123	133
	SN385	113	113	116	116	117
	SN386	113	091	083	078	085
	MIN	112	091	083	078	085
	MAX	130	141	150	125	139
	MEAN	120	123	121	115	121
	STD DEV. ( $\sigma$ )	6.00	14.09	18.0	12.42	12.9
	-3 Sigma	102	081	067	078	082
	+3 Sigma	138	165	175	152	159

CMRR_Vsy15_Vcm12_RS=10K_ChanD (dB)						
		0k	30k	50k	100k	A1
CTRL	SN188	119	119	119	118	119
	SN387	147	149	142	149	144
	SN182	119	115	114	109	122
	SN183	123	122	113	109	124
	SN184	128	090	083	077	086
	SN185	119	090	083	077	085
	SN186	115	110	106	104	111
	SN187	124	129	125	119	144
	SN381	129	118	112	113	172
	SN382	127	137	126	116	124
	SN383	117	131	128	119	138
	SN384	125	120	118	113	139
	SN385	121	123	125	120	151
	SN386	147	091	083	078	085
	MIN	115	090	083	077	085
	MAX	147	137	128	120	172
	MEAN	125	115	110	104	123
	STD DEV. ( $\sigma$ )	8.46	16.27	17.3	17.06	27.8
	-3 Sigma	099	066	058	053	040
	+3 Sigma	150	163	161	156	207

PSRR_Vsy=+-15_Vsy=+-5_RS=50_ChanA (uV/V)						
		0k	30k	50k	100k	A1
CTRL	SN188	2.74	2.74	2.74	2.72	2.74
	SN387	1.30	1.31	1.33	1.34	1.32
	SN182	1.87	2.57	3.12	4.09	2.78
	SN183	1.43	2.17	2.64	3.35845	NA
	SN184	2.51	3.01	3.45	4.44	3.27
	SN185	2.38	4.32	7.21	12.40	5.62
	SN186	1.68	2.20	2.64	3.42	2.38
	SN187	2.09	2.57	3.02	4.14	2.91
	SN381	1.70	2.24	2.66	3.48	2.43
	SN382	1.45	1.94	2.42	3.32	2.26
	SN383	2.41	3.15	3.46	4.15	3.18
	SN384	1.87	2.40	2.79	3.53	2.51
	SN385	1.81	2.28	2.75	3.67	2.48
	SN386	1.56	2.10	2.57	3.35	2.25
	MIN	1.43	1.94	2.42	3.32	2.25
	MAX	2.51	4.32	7.21	12.40	5.62
	MEAN	1.90	2.58	3.23	4.45	2.92
	STD DEV. ( $\sigma$ )	0.373	0.655	1.298	2.53	0.965
	-3 Sigma	00.8	00.6	-00.7	-03.2	00.0
	+3 Sigma	3.0	4.5	7.1	12.0	5.8



PSRR_Vsy=+-15_Vsy=+-5_RS=50_ChanB (uV/V)						
		0k	30k	50k	100k	A1
CTRL	SN188	1.54	1.53	1.55	1.54	1.53
	SN387	1.38	1.38	1.39	1.39	1.39
	SN182	1.98	2.64	3.05	3.94	2.79
	SN183	2.09	2.67	3.17	NA	2.92
	SN184	2.36	2.86	3.33	4.61	3.16
	SN185	1.81	2.19	2.49	3.36	2.33
	SN186	1.70	2.16	2.58	3.57	2.44
	SN187	2.06	2.55	3.07	4.00	2.84
	SN381	2.52	2.99	3.39	4.07	3.04
	SN382	2.35	2.80	3.19	3.86	2.95
	SN383	1.91	2.65	3.15	3.94	2.83
	SN384	1.63	3.11	4.87	7.27	3.72
	SN385	2.37	3.27	4.29	5.62	3.60
	SN386	2.96	3.40	3.87	4.75	3.73
	MIN	1.63	2.16	2.49	3.36	2.33
	MAX	2.96	3.40	4.87	7.27	3.73
	MEAN	2.15	2.77	3.37	4.45	3.03
	STD DEV. ( $\sigma$ )	0.384	0.383	0.679	1.12	0.456
	-3 Sigma	01.0	01.6	01.3	01.1	01.7
	+3 Sigma	3.3	3.9	5.4	7.8	4.4

PSRR_Vsy=+-15_Vsy=+-5_RS=50_ChanC (uV/V)						
		0k	30k	50k	100k	A1
CTRL	SN188	2.39	2.40	2.39	2.41	2.37
	SN387	1.52	1.52	1.53	1.53	1.51
	SN182	2.43	2.76	3.27	4.15	3.11
	SN183	1.62	1.96	2.39	3.22126	2.27
	SN184	2.37	2.58	3.11	4.04	2.88
	SN185	2.40	2.58	2.95	3.95	2.83
	SN186	2.04	2.29	2.79	3.60	2.58
	SN187	1.96	2.23	2.85	3.84	2.59
	SN381	2.97	3.27	3.82	4.63	3.51
	SN382	3.51	3.84	4.22	4.84	4.06
	SN383	2.15	2.51	3.06	3.93	2.84
	SN384	1.80	2.23	2.75	3.43	2.39
	SN385	2.10	2.36	2.87	3.69	2.72
	SN386	2.84	4.18	6.74	10.92	5.79
	MIN	1.62	1.96	2.39	3.22	2.27
	MAX	3.51	4.18	6.74	10.92	5.79
	MEAN	2.35	2.73	3.40	4.52	3.13
	STD DEV. ( $\sigma$ )	0.535	0.682	1.161	2.07	0.971
	-3 Sigma	00.7	00.7	-00.1	-01.7	00.2
	+3 Sigma	4.0	4.8	6.9	10.7	6.0

PSRR_Vsy=+-15_Vsy=+-5_RS=50_ChanD (uV/V)						
		0k	30k	50k	100k	A1
CTRL	SN188	2.36	2.33	2.35	2.36	2.33
	SN387	1.25	1.23	1.26	1.27	1.26
	SN182	1.84	2.16	2.60	3.52	2.49
	SN183	1.25	1.64	2.12	3.00574	1.89
	SN184	1.56	3.37	6.20	10.82	4.22
	SN185	1.38	2.91	5.51	10.16	3.96
	SN186	2.01	2.31	2.86	3.53	2.55
	SN187	2.07	2.39	2.84	3.69	2.64
	SN381	2.17	2.61	3.25	4.05	2.80
	SN382	1.66	2.01	2.56	3.26	2.31
	SN383	2.41	2.76	3.33	4.05	3.05
	SN384	1.95	2.40	2.89	3.61	2.54
	SN385	2.29	2.73	3.19	4.05	2.91
	SN386	1.49	2.86	5.35	9.59	4.45
	MIN	1.25	1.64	2.12	3.01	1.89
	MAX	2.41	3.37	6.20	10.82	4.45
	MEAN	1.84	2.51	3.56	5.28	2.98
	STD DEV. ( $\sigma$ )	0.374	0.462	1.341	2.99	0.801
	-3 Sigma	00.7	01.1	-00.5	-03.7	00.6
	+3 Sigma	3.0	3.9	7.6	14.2	5.4

PSRR_Vsy=+-15_Vsy=+-5_RS=10K_ChanA (uV/V)						
		0k	30k	50k	100k	A1
CTRL	SN188	2.80	2.77	2.80	2.78	2.77
	SN387	1.29	1.29	1.32	1.33	1.27
	SN182	1.89	3.24	4.63	6.64	3.81
	SN183	1.47	2.84	3.97	5.48225	3.20
	SN184	2.52	3.61	4.65	7.13	4.24
	SN185	2.39	8.62	18.21	31.93	15.63
	SN186	1.67	2.85	3.85	5.23	3.20
	SN187	2.10	3.06	4.11	6.38	3.84
	SN381	1.69	2.51	3.42	4.96	2.85
	SN382	1.49	2.19	3.19	4.88	2.97
	SN383	2.40	3.76	4.35	5.81	3.91
	SN384	1.86	2.88	3.48	4.55	3.00
	SN385	1.84	2.58	3.43	5.46	2.88
	SN386	1.55	2.53	3.47	5.15	2.72
	MIN	1.47	2.19	3.19	4.55	2.72
	MAX	2.52	8.62	18.21	31.93	15.63
	MEAN	1.91	3.39	5.06	7.80	4.35
	STD DEV. ( $\sigma$ )	0.369	1.710	4.170	7.64	3.587
	-3 Sigma	00.8	-01.7	-07.4	-15.1	-06.4
	+3 Sigma	3.0	8.5	17.6	30.7	15.1

PSRR_Vsy=+-15_Vsy=+-5_RS=10K_ChanB (uV/V)						
		0k	30k	50k	100k	A1
CTRL	SN188	1.51	1.51	1.54	1.53	1.48
	SN387	1.37	1.35	1.33	1.37	1.36
	SN182	1.96	3.07	3.70	5.17	3.35
	SN183	2.11	3.11	3.99	5.41959	3.67
	SN184	2.32	3.37	4.47	6.65	3.79
	SN185	1.86	2.23	2.93	4.38	2.39
	SN186	1.68	2.27	2.92	4.77	2.72
	SN187	2.05	2.77	4.10	5.80	3.53
	SN381	2.52	3.47	4.42	5.66	3.67
	SN382	2.32	3.35	4.11	NA	3.38
	SN383	1.86	3.23	4.00	5.36	3.56
	SN384	1.60	5.39	10.19	16.04	8.10
	SN385	2.35	4.68	6.94	10.01	5.96
	SN386	3.00	3.89	4.86	6.79	4.68
	MIN	1.60	2.23	2.92	4.38	2.39
	MAX	3.00	5.39	10.19	16.04	8.10
	MEAN	2.14	3.40	4.72	6.91	4.07
	STD DEV. ( $\sigma$ )	0.393	0.910	2.008	3.38	1.559
	-3 Sigma	01.0	00.7	-01.3	-03.2	-00.6
	+3 Sigma	3.3	6.1	10.7	17.1	8.7

PSRR_Vsy=+-15_Vsy=+-5_RS=10K_ChanC (uV/V)						
		0k	30k	50k	100k	A1
CTRL	SN188	2.39	2.39	2.34	2.40	2.37
	SN387	1.49	1.51	1.48	1.54	1.49
	SN182	2.42	3.03	3.86	5.87	3.40
	SN183	1.55	2.02	2.71	4.00011	2.61
	SN184	2.35	2.80	3.52	5.32	3.14
	SN185	2.45	2.61	3.21	5.12	3.05
	SN186	1.99	2.66	3.37	4.96	3.04
	SN187	1.95	2.42	3.57	5.55	3.34
	SN381	2.97	3.80	4.61	7.00	4.29
	SN382	3.50	4.26	4.90	6.22	4.62
	SN383	2.18	2.76	3.86	5.47	3.44
	SN384	1.75	2.73	NA	4.76	3.01
	SN385	2.05	NA	3.34	5.31	3.37
	SN386	2.85	7.57	16.09	29.36	14.86
	MIN	1.55	2.02	2.71	4.00	2.61
	MAX	3.50	7.57	16.09	29.36	14.86
	MEAN	2.33	3.33	4.82	7.41	4.35
	STD DEV. ( $\sigma$ )	0.552	1.537	3.788	6.95	3.358
	-3 Sigma	00.7	-01.3	-06.5	-13.4	-05.7
	+3 Sigma	4.0	7.9	16.2	28.3	14.4

PSRR_Vsy=+-15_Vsy=+-5_RS=10K_ChanD (uV/V)						
		0k	30k	50k	100k	A1
CTRL	SN188	2.37	2.36	2.41	2.37	2.35
	SN387	1.19	1.18	1.18	1.24	1.22
	SN182	1.84	2.65	3.29	5.24	3.06
	SN183	1.17	1.71	2.59	4.23315	2.37
	SN184	1.57	8.05	17.32	29.37	13.16
	SN185	1.38	6.83	15.64	28.50	12.61
	SN186	1.97	3.00	4.24	5.35	3.31
	SN187	2.03	2.92	3.75	5.59	3.18
	SN381	2.17	3.18	4.30	6.04	3.38
	SN382	1.62	2.08	3.41	4.77	2.94
	SN383	2.46	3.05	3.94	5.38	3.50
	SN384	1.93	2.83	NA	5.39	3.08
	SN385	2.30	3.15	4.21	5.84	3.43
	SN386	1.47	6.06	14.58	27.93	13.28
	MIN	1.17	1.71	2.59	4.23	2.37
	MAX	2.46	8.05	17.32	29.37	13.28
	MEAN	1.82	3.79	7.02	11.14	5.61
	STD DEV. ( $\sigma$ )	0.392	2.016	5.722	10.55	4.480
	-3 Sigma	00.7	-02.3	-10.1	-20.5	-07.8
	+3 Sigma	3.0	9.8	24.2	42.8	19.0

Avo_Vsy15_Vout+-10_RL=2K_ChanA (V/mV)						
		0k	30k	50k	100k	A1
CTRL	SN188	858	879	863	859	847
	SN387	1010	1056	1065	1010	1010
	SN182	861	370	268	189	294
	SN183	824	365	265	191	298
	SN184	937	437	313	208	334
	SN185	955	525	442	366	497
	SN186	830	398	291	200	310
	SN187	933	431	309	206	329
	SN381	1011	413	292	201	322
	SN382	979	417	302	213	332
	SN383	961	375	264	186	290
	SN384	1011	396	280	210	325
	SN385	965	367	262	186	293
	SN386	976	411	295	209	327
	MIN	824	365	262	186	290
	MAX	1011	525	442	366	497
	MEAN	937	409	299	214	329
	STD DEV. ( $\sigma$ )	64.6	44.1	48.4	48.9	55.4
	-3 Sigma	743.0	276.3	153.5	67.0	162.9
	+3 Sigma	1131	541	444	361	495



Avo_Vsy15_Vout+-10_RL=2K_ChanB (V/mV)						
		0k	30k	50k	100k	A1
CTRL	SN188	805	809	811	815	818
	SN387	1010	997	998	1010	1010
	SN182	807	352	250	172	269
	SN183	806	347	249	173	274
	SN184	904	408	294	193	309
	SN185	917	418	301	196	313
	SN186	824	382	280	NA	288
	SN187	875	414	297	195	312
	SN381	954	392	274	188	303
	SN382	967	410	289	197	311
	SN383	904	362	256	183	282
	SN384	903	413	321	250	365
	SN385	844	362	273	207	314
	SN386	960	396	284	200	307
	MIN	806	347	249	172	269
	MAX	967	418	321	250	365
	MEAN	889	388	281	196	304
	STD DEV. ( $\sigma$ )	57.8	26.2	21.8	21.0	24.9
	-3 Sigma	715.5	309.4	215.1	132.8	229.2
	+3 Sigma	1062	467	346	259	379

Avo_Vsy15_Vout+-10_RL=2K_Chanc (V/mV)						
		0k	30k	50k	100k	A1
CTRL	SN188	1009	997	975	999	992
	SN387	1010	1267	1236	1010	1010
	SN182	1003	389	275	184	295
	SN183	974	388	268	188	NA
	SN184	1128	459	321	209	347
	SN185	1147	478	332	214	352
	SN186	1023	440	313	206	325
	SN187	1077	460	327	NA	343
	SN381	1192	440	305	205	335
	SN382	1207	469	331	242	373
	SN383	1087	395	272	192	302
	SN384	1115	407	283	196	320
	SN385	1089	393	273	185	303
	SN386	1165	569	476	388	524
	MIN	974	388	268	184	295
	MAX	1207	569	476	388	524
	MEAN	1101	441	315	219	347
	STD DEV. ( $\sigma$ )	73.3	52.4	56.5	58.4	63.4
	-3 Sigma	880.7	283.4	145.3	43.8	157.1
	+3 Sigma	1321	598	484	394	537

Avo_Vsy15_Vout+-10_RL=2K_ChanD (V/mV)						
		0k	30k	50k	100k	A1
CTRL	SN188	936	944	941	920	934
	SN387	1010	1187	1173	1010	1010
	SN182	967	403	291	208	323
	SN183	897	392	287	210	327
	SN184	999	545	453	362	505
	SN185	1039	553	472	384	530
	SN186	952	444	322	227	348
	SN187	1034	464	328	220	352
	SN381	1096	442	313	216	348
	SN382	1135	467	331	236	369
	SN383	1020	396	271	194	303
	SN384	1137	413	294	214	340
	SN385	1046	395	274	192	309
	SN386	1066	562	475	389	525
	MIN	897	392	271	192	303
	MAX	1137	562	475	389	530
	MEAN	1032	456	343	254	382
	STD DEV. ( $\sigma$ )	72.1	64.1	77.6	75.9	85.4
	-3 Sigma	816.1	263.9	109.9	26.6	125.4
	+3 Sigma	1248	649	575	482	638















