

(TO-220)

ICE7N60

Final Reliability Report

June 4th, 2012

Reliability Test Summary

ICE7N60

Test Performed	Mil-Std. 750 Method	Conditions	Total # Units	Lot # 7103	Lot # 7210	Lot # 7212
Temperature Cycle	1051	100 cycles, ΔT_j -55 to 175°C	0/231	0/77	0/77	0/77
High Temp Storage	1032	340 hrs, $T_j = 150^\circ\text{C}$	0/231	0/77	0/77	0/77
Steady State Gate Bias (positive)	1042-B	168 hrs, VGS = +24V $T_j = 150^\circ\text{C}$	0/231	0/77	0/77	0/77
Steady State Gate Bias (negative)	1042-B	168 hrs, VGS = -24V $T_j = 150^\circ\text{C}$	0/231	0/77	0/77	0/77
Steady State Reverse Bias	1042-A	168 hrs, VDS = 520V $T_j = 150^\circ\text{C}$	0/231	0/77	0/77	0/77
High Temperature, High Humidity, Reverse Bias (H3TRB)	1042-A	168 hrs, VDS = 520V $T_j = 85^\circ\text{C}$, RH = 85%	0/231	0/77	0/77	0/77

* All devices PASS 1000hr reliability testing.

Temperature Cycle

Temperature Cycle
Mil-Std 750 M 1051, 100 Cycles, ΔT_j -55°C to 175°C
Lot 7103

SN	Initials						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDS(on) 10V	GFS 3.5A	IGSS -30V
1	3.13	2.8E-9	23.9E-9	918.1E-3	522.5E-3	5.36	-862.4E-12
2	3.08	542.3E-12	22.1E-9	915.3E-3	524.1E-3	5.70	-2.4E-9
3	3.05	674.8E-12	22.6E-9	919.1E-3	528.9E-3	5.53	-794.2E-12
4	3.00	4.2E-9	18.1E-9	912.4E-3	523.7E-3	5.31	-4.1E-9
5	3.02	3.4E-9	17.5E-9	923.0E-3	523.2E-3	5.48	-545.3E-12
6	3.06	781.3E-12	17.7E-9	920.2E-3	520.5E-3	5.70	-4.2E-9
7	3.08	3.7E-9	18.6E-9	912.7E-3	523.0E-3	5.34	-715.3E-12
8	3.06	300.4E-12	17.9E-9	916.8E-3	520.6E-3	5.74	-1.4E-9
9	3.16	2.9E-9	22.4E-9	921.3E-3	520.4E-3	5.74	-150.1E-12
10	3.02	4.8E-9	16.1E-9	915.3E-3	522.2E-3	5.79	-4.7E-9
11	3.14	5.0E-9	24.0E-9	918.6E-3	523.3E-3	5.59	-594.6E-12
12	3.12	3.9E-9	16.4E-9	923.2E-3	521.9E-3	5.42	-1.9E-9
13	3.15	2.5E-9	15.3E-9	916.7E-3	526.8E-3	5.35	-2.8E-9
14	3.14	4.6E-9	24.4E-9	922.8E-3	521.8E-3	5.53	-4.0E-9
15	3.01	4.3E-9	18.0E-9	922.9E-3	528.2E-3	5.47	-203.2E-12
16	3.13	693.9E-12	20.8E-9	922.1E-3	526.1E-3	5.34	-4.6E-9
17	3.15	251.3E-12	20.3E-9	911.0E-3	525.3E-3	5.59	-1.2E-9
18	3.18	2.5E-9	18.8E-9	910.2E-3	527.7E-3	5.68	-648.2E-12
19	3.03	3.5E-9	16.2E-9	918.0E-3	522.6E-3	5.41	-3.9E-9
20	3.09	2.3E-9	19.8E-9	921.7E-3	520.3E-3	5.51	-4.4E-9
21	3.07	4.4E-9	21.0E-9	924.7E-3	521.2E-3	5.60	-2.0E-9
22	3.01	2.7E-9	21.0E-9	911.6E-3	529.2E-3	5.33	-3.9E-9
23	3.12	3.0E-9	19.2E-9	912.0E-3	524.4E-3	5.32	-3.7E-9
24	3.02	2.7E-9	16.9E-9	921.5E-3	529.9E-3	5.40	-4.4E-9
25	3.00	2.3E-9	17.1E-9	914.4E-3	523.4E-3	5.70	-78.7E-12
26	3.04	846.2E-12	20.2E-9	910.9E-3	527.2E-3	5.66	-3.4E-9

100 Cycles End Points						
VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDS(on) 10V	GFS 3.5A	IGSS -30V
3.22	2.2E-9	21.0E-9	932.5E-3	537.1E-3	5.41	-1.1E-9
3.14	3.5E-9	22.8E-9	931.5E-3	537.9E-3	5.77	-4.4E-9
3.08	2.5E-9	21.8E-9	943.1E-3	543.4E-3	5.59	-3.0E-9
3.04	1.4E-9	20.9E-9	935.9E-3	532.6E-3	5.38	-1.9E-9
3.10	2.9E-9	18.1E-9	940.1E-3	536.8E-3	5.54	-4.8E-9
3.14	2.8E-9	16.4E-9	942.9E-3	528.5E-3	5.76	-1.9E-9
3.14	4.9E-9	23.6E-9	929.0E-3	535.2E-3	5.42	-1.3E-9
3.13	2.0E-9	24.1E-9	926.7E-3	532.3E-3	5.82	-341.3E-12
3.20	1.2E-9	22.4E-9	938.1E-3	527.7E-3	5.78	-421.2E-12
3.08	2.2E-9	23.4E-9	929.3E-3	529.1E-3	5.84	-1.9E-9
3.17	2.4E-9	17.5E-9	939.8E-3	535.9E-3	5.66	-3.5E-9
3.17	2.7E-9	24.0E-9	945.7E-3	532.1E-3	5.45	-2.6E-9
3.21	303.1E-12	18.8E-9	934.3E-3	532.7E-3	5.40	-4.6E-9
3.23	725.7E-12	17.7E-9	944.8E-3	534.3E-3	5.58	-1.6E-9
3.09	2.1E-9	17.2E-9	937.7E-3	541.3E-3	5.53	-4.4E-9
3.22	33.5E-12	15.5E-9	943.2E-3	533.2E-3	5.41	-2.3E-9
3.20	1.7E-9	19.8E-9	933.3E-3	534.4E-3	5.63	-1.6E-9
3.24	4.6E-9	18.2E-9	921.1E-3	538.4E-3	5.75	-2.0E-9
3.11	2.3E-9	23.7E-9	930.2E-3	537.3E-3	5.45	-4.4E-9
3.15	1.5E-9	23.9E-9	941.1E-3	533.3E-3	5.57	-4.0E-9
3.14	2.2E-9	18.6E-9	949.6E-3	531.1E-3	5.63	-4.9E-9
3.06	2.5E-9	23.3E-9	930.5E-3	539.6E-3	5.37	-3.6E-9
3.21	1.9E-9	17.7E-9	924.1E-3	534.2E-3	5.35	-4.0E-9
3.05	2.7E-9	24.9E-9	945.9E-3	540.7E-3	5.45	-4.4E-9
3.08	2.9E-9	19.0E-9	938.0E-3	538.5E-3	5.76	-981.3E-12
3.10	2.6E-9	17.3E-9	925.7E-3	541.8E-3	5.71	-2.1E-9

Temperature Cycle
Mil-Std 750 M 1051, 100 Cycles, ΔT_j -55°C to 175°C
Lot 7103

SN	Initials							100 Cycles End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDS(on) 10V	GFS 3.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDS(on) 10V	GFS 3.5A	IGSS -30V
27	3.13	1.8E-9	21.0E-9	923.2E-3	521.4E-3	5.66	-2.1E-9	3.20	579.1E-12	24.6E-9	939.8E-3	530.3E-3	5.71	-1.0E-9
28	3.18	1.3E-9	16.0E-9	921.4E-3	525.5E-3	5.55	-2.5E-9	3.28	4.1E-9	15.2E-9	946.6E-3	540.4E-3	5.59	-4.7E-9
29	3.05	3.3E-9	24.7E-9	923.8E-3	524.0E-3	5.47	-778.0E-12	3.08	3.0E-9	16.8E-9	949.6E-3	535.6E-3	5.55	-4.4E-9
30	3.01	2.6E-9	23.5E-9	915.3E-3	521.5E-3	5.44	-4.4E-9	3.07	4.8E-9	15.3E-9	933.7E-3	534.1E-3	5.51	-4.7E-9
31	3.19	1.1E-9	23.7E-9	919.8E-3	527.9E-3	5.38	-3.5E-9	3.24	3.0E-9	19.3E-9	930.6E-3	534.2E-3	5.42	-4.2E-9
32	3.12	955.5E-12	17.4E-9	915.5E-3	521.2E-3	5.62	-4.8E-9	3.18	280.9E-12	18.2E-9	939.5E-3	535.0E-3	5.66	-1.7E-9
33	3.10	1.5E-9	16.3E-9	912.1E-3	524.7E-3	5.62	-925.4E-12	3.16	4.2E-9	15.4E-9	923.2E-3	538.8E-3	5.67	-1.5E-9
34	3.07	4.7E-9	15.7E-9	919.5E-3	523.9E-3	5.46	-69.0E-12	3.13	13.0E-12	16.0E-9	931.1E-3	536.7E-3	5.49	-992.6E-12
35	3.11	3.5E-9	23.6E-9	911.5E-3	522.1E-3	5.63	-1.4E-9	3.19	2.0E-9	19.0E-9	937.0E-3	536.5E-3	5.71	-4.7E-9
36	3.01	72.1E-12	23.0E-9	916.9E-3	527.4E-3	5.72	-922.7E-12	3.10	2.1E-9	15.3E-9	928.7E-3	541.2E-3	5.77	-2.6E-9
37	3.17	2.0E-9	15.5E-9	923.2E-3	524.4E-3	5.71	-1.8E-9	3.25	2.0E-9	15.9E-9	937.1E-3	537.2E-3	5.75	-4.2E-9
38	3.18	2.7E-9	23.6E-9	918.5E-3	529.8E-3	5.64	-4.4E-9	3.22	2.5E-9	18.4E-9	931.1E-3	539.5E-3	5.67	-871.4E-12
39	3.08	1.2E-9	15.9E-9	914.5E-3	527.3E-3	5.32	-2.8E-9	3.16	4.6E-9	23.8E-9	932.5E-3	532.8E-3	5.39	-773.4E-12
40	3.07	498.9E-12	19.4E-9	917.6E-3	520.8E-3	5.48	-4.2E-9	3.16	762.3E-12	20.2E-9	938.5E-3	531.8E-3	5.52	-874.8E-12
41	3.01	4.7E-9	19.3E-9	916.0E-3	525.5E-3	5.74	-1.4E-9	3.07	1.2E-9	16.9E-9	929.3E-3	530.8E-3	5.79	-1.9E-9
42	3.17	450.2E-12	16.4E-9	922.7E-3	522.7E-3	5.63	-1.4E-9	3.23	1.6E-9	19.4E-9	941.3E-3	531.1E-3	5.69	-4.8E-9
43	3.09	1.8E-9	23.3E-9	916.9E-3	528.5E-3	5.36	-2.8E-9	3.18	4.5E-9	21.6E-9	935.7E-3	541.0E-3	5.41	-5.0E-9
44	3.17	1.1E-9	23.4E-9	913.5E-3	522.8E-3	5.40	-4.3E-9	3.26	2.2E-9	15.2E-9	934.3E-3	537.4E-3	5.46	-643.2E-12
45	3.18	4.3E-9	20.4E-9	910.8E-3	521.6E-3	5.65	-965.1E-12	3.25	3.0E-9	16.3E-9	930.2E-3	535.5E-3	5.70	-3.2E-9
46	3.20	2.5E-9	21.4E-9	918.2E-3	526.0E-3	5.50	-3.7E-9	3.25	4.1E-9	22.0E-9	930.8E-3	538.9E-3	5.55	-1.5E-9
47	3.00	1.8E-9	15.1E-9	917.0E-3	529.9E-3	5.66	-2.9E-9	3.03	4.5E-9	18.1E-9	932.9E-3	544.6E-3	5.71	-4.1E-9
48	3.20	419.7E-12	23.3E-9	912.4E-3	520.3E-3	5.34	-572.9E-12	3.29	1.8E-9	18.8E-9	926.8E-3	527.0E-3	5.38	-4.3E-9
49	3.13	2.6E-9	18.0E-9	916.9E-3	524.4E-3	5.43	-515.7E-12	3.21	866.9E-12	23.7E-9	937.6E-3	536.6E-3	5.50	-28.9E-12
50	3.18	1.5E-9	19.6E-9	916.0E-3	530.0E-3	5.40	-862.1E-12	3.23	3.6E-9	19.2E-9	937.8E-3	537.4E-3	5.46	-4.1E-9
51	3.16	1.7E-9	19.7E-9	914.8E-3	526.3E-3	5.79	-3.6E-9	3.23	2.3E-9	20.2E-9	934.3E-3	533.8E-3	5.82	-3.4E-9
52	3.17	236.3E-12	22.0E-9	912.3E-3	529.0E-3	5.51	-2.2E-9	3.25	4.1E-9	17.2E-9	924.6E-3	534.5E-3	5.58	-4.3E-9

Temperature Cycle
Mil-Std 750 M 1051, 100 Cycles, ΔT_j -55°C to 175°C
Lot 7103

SN	Initials							100 Cycles End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSOn 10V	GFS 3.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSOn 10V	GFS 3.5A	IGSS -30V
53	3.01	4.4E-9	24.4E-9	917.9E-3	529.0E-3	5.48	-2.4E-9	3.10	317.1E-12	21.1E-9	928.5E-3	544.0E-3	5.55	-336.7E-12
54	3.18	182.7E-12	21.4E-9	914.6E-3	522.9E-3	5.38	-4.5E-9	3.25	1.4E-9	24.9E-9	936.0E-3	531.6E-3	5.43	-4.2E-9
55	3.11	4.0E-9	23.1E-9	917.4E-3	524.3E-3	5.34	-2.7E-9	3.15	1.6E-9	17.1E-9	932.8E-3	530.6E-3	5.38	-3.5E-9
56	3.16	2.5E-9	16.3E-9	912.9E-3	527.2E-3	5.53	-2.5E-9	3.23	1.2E-9	22.5E-9	924.3E-3	536.9E-3	5.61	-4.2E-9
57	3.05	2.9E-9	21.6E-9	917.7E-3	522.7E-3	5.52	-2.7E-9	3.11	1.7E-9	15.8E-9	936.7E-3	535.1E-3	5.57	-3.5E-9
58	3.16	2.1E-9	24.1E-9	913.6E-3	527.6E-3	5.62	-88.5E-12	3.24	2.9E-9	23.2E-9	930.1E-3	543.0E-3	5.65	-435.6E-12
59	3.06	3.6E-9	16.5E-9	919.3E-3	527.9E-3	5.79	-772.5E-12	3.15	315.7E-12	21.2E-9	941.8E-3	538.4E-3	5.88	-3.8E-9
60	3.02	2.8E-9	17.7E-9	917.7E-3	523.8E-3	5.74	-603.0E-12	3.07	431.3E-12	19.3E-9	928.7E-3	529.9E-3	5.81	-677.9E-12
61	3.20	2.0E-9	17.3E-9	915.9E-3	524.6E-3	5.34	-2.7E-9	3.28	3.8E-9	16.8E-9	938.8E-3	537.7E-3	5.38	-5.0E-9
62	3.10	3.4E-9	17.2E-9	912.8E-3	522.4E-3	5.53	-2.7E-9	3.17	2.6E-9	23.9E-9	929.0E-3	532.5E-3	5.60	-4.4E-9
63	3.13	4.4E-9	19.4E-9	919.6E-3	526.7E-3	5.46	-1.8E-9	3.17	8.4E-12	18.1E-9	944.1E-3	533.5E-3	5.49	-3.7E-9
64	3.06	4.6E-9	18.0E-9	923.4E-3	529.6E-3	5.42	-1.5E-9	3.13	2.9E-9	24.0E-9	946.1E-3	535.7E-3	5.47	-1.5E-9
65	3.06	3.7E-9	24.6E-9	917.2E-3	528.9E-3	5.70	-2.8E-9	3.14	3.8E-9	16.1E-9	939.0E-3	542.6E-3	5.73	-4.9E-9
66	3.01	2.7E-9	15.9E-9	915.6E-3	525.1E-3	5.36	-758.4E-12	3.08	5.0E-9	17.5E-9	936.6E-3	540.5E-3	5.39	-3.2E-9
67	3.07	3.2E-9	21.4E-9	914.4E-3	528.0E-3	5.71	-3.9E-9	3.11	2.3E-9	24.7E-9	927.5E-3	533.9E-3	5.76	-2.4E-9
68	3.19	2.0E-9	20.4E-9	914.7E-3	523.0E-3	5.44	-4.8E-9	3.27	1.7E-9	22.7E-9	924.1E-3	529.7E-3	5.51	-1.4E-9
69	3.17	1.5E-9	23.3E-9	921.1E-3	521.4E-3	5.69	-1.3E-9	3.25	1.5E-9	16.3E-9	947.8E-3	532.1E-3	5.73	-4.5E-9
70	3.10	4.1E-9	19.1E-9	919.9E-3	520.3E-3	5.45	-3.2E-9	3.15	350.4E-12	17.7E-9	931.4E-3	532.6E-3	5.49	-3.0E-9
71	3.04	4.9E-9	22.9E-9	920.2E-3	522.8E-3	5.49	-4.9E-9	3.11	530.1E-12	24.2E-9	943.6E-3	528.2E-3	5.56	-4.8E-9
72	3.10	4.7E-9	24.8E-9	922.9E-3	529.4E-3	5.70	-613.3E-12	3.18	1.0E-9	22.4E-9	950.0E-3	539.4E-3	5.77	-3.8E-9
73	3.10	526.7E-12	24.4E-9	918.7E-3	521.2E-3	5.58	-1.7E-9	3.13	2.3E-9	22.7E-9	938.6E-3	533.1E-3	5.66	-1.8E-9
74	3.11	1.8E-9	23.1E-9	913.2E-3	520.0E-3	5.50	-3.1E-9	3.16	170.1E-12	21.1E-9	923.9E-3	533.2E-3	5.56	-2.3E-9
75	3.18	187.0E-12	18.7E-9	923.4E-3	524.1E-3	5.66	-3.1E-9	3.27	740.0E-12	19.9E-9	942.8E-3	539.5E-3	5.70	-1.3E-9
76	3.03	2.9E-9	22.9E-9	923.7E-3	529.7E-3	5.63	-30.1E-12	3.11	757.7E-12	18.9E-9	939.9E-3	545.1E-3	5.69	-4.8E-9
77	3.12	107.3E-12	21.2E-9	917.8E-3	528.7E-3	5.50	-3.4E-9	3.20	2.8E-9	21.7E-9	939.4E-3	534.9E-3	5.55	-3.5E-9

Temperature Cycle
Mil-Std 750 M 1051, 100 Cycles, ΔT_j -55°C to 175°C
Lot 7210

SN	Initials							100 Cycles End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSOn 10V	GFS 3.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSOn 10V	GFS 3.5A	IGSS -30V
321	3.18	2.2E-9	23.0E-9	913.7E-3	527.0E-3	5.43	-4.8E-9	3.28	246.7E-12	24.8E-9	928.3E-3	533.2E-3	5.50	-1.6E-9
322	3.06	3.0E-9	17.7E-9	916.7E-3	525.2E-3	5.52	-388.6E-12	3.14	4.2E-9	15.3E-9	942.0E-3	533.1E-3	5.58	-1.6E-9
323	3.10	2.9E-9	15.6E-9	924.9E-3	524.4E-3	5.55	-629.7E-12	3.16	1.3E-9	21.1E-9	948.1E-3	539.9E-3	5.62	-2.8E-9
324	3.12	1.0E-9	20.8E-9	910.9E-3	524.6E-3	5.74	-482.1E-12	3.20	4.9E-9	24.0E-9	937.9E-3	540.1E-3	5.82	-2.2E-9
325	3.06	2.7E-9	16.1E-9	911.4E-3	525.9E-3	5.65	-2.4E-9	3.14	543.0E-12	17.8E-9	921.2E-3	532.8E-3	5.69	-4.5E-9
326	3.17	2.0E-9	21.0E-9	911.3E-3	523.6E-3	5.77	-2.8E-12	3.24	4.5E-9	16.3E-9	933.3E-3	538.3E-3	5.86	-4.1E-9
327	3.13	66.6E-12	16.1E-9	911.1E-3	522.8E-3	5.46	-694.3E-12	3.21	809.8E-12	17.4E-9	924.5E-3	533.1E-3	5.52	-2.4E-9
328	3.10	4.7E-9	19.1E-9	917.0E-3	520.8E-3	5.31	-4.8E-9	3.15	3.0E-9	24.3E-9	944.4E-3	526.9E-3	5.35	-3.1E-9
329	3.04	326.0E-12	22.2E-9	920.9E-3	529.0E-3	5.51	-1.9E-9	3.12	2.7E-9	15.6E-9	941.1E-3	535.9E-3	5.54	-4.0E-9
330	3.12	2.5E-9	16.5E-9	921.5E-3	521.8E-3	5.76	-2.8E-9	3.16	2.2E-9	16.9E-9	932.1E-3	529.2E-3	5.80	-4.4E-9
331	3.16	3.1E-9	15.9E-9	920.1E-3	523.6E-3	5.40	-4.2E-9	3.22	2.8E-9	16.4E-9	934.0E-3	538.5E-3	5.44	-4.6E-9
332	3.02	4.8E-9	17.5E-9	920.0E-3	524.7E-3	5.43	-2.1E-9	3.09	1.6E-9	19.5E-9	938.8E-3	540.3E-3	5.47	-2.6E-9
333	3.07	1.0E-9	18.0E-9	919.4E-3	528.7E-3	5.37	-1.6E-9	3.16	839.0E-12	16.7E-9	939.1E-3	542.6E-3	5.43	-5.0E-9
334	3.15	2.4E-9	16.2E-9	917.1E-3	526.6E-3	5.70	-86.4E-12	3.24	3.4E-9	16.9E-9	932.5E-3	539.0E-3	5.74	-1.8E-9
335	3.17	1.4E-9	22.0E-9	923.5E-3	522.8E-3	5.50	-53.4E-12	3.20	1.7E-9	15.4E-9	949.2E-3	531.4E-3	5.53	-4.0E-9
336	3.19	4.6E-9	22.7E-9	910.2E-3	525.4E-3	5.60	-5.0E-9	3.25	2.6E-9	15.0E-9	935.2E-3	537.8E-3	5.64	-3.5E-9
337	3.04	1.8E-9	21.6E-9	916.9E-3	528.9E-3	5.70	-2.7E-9	3.08	2.3E-9	16.1E-9	938.7E-3	542.9E-3	5.77	-1.1E-9
338	3.19	3.7E-9	17.5E-9	916.1E-3	521.7E-3	5.34	-928.8E-12	3.27	4.0E-9	16.0E-9	939.0E-3	535.0E-3	5.40	-1.7E-9
339	3.01	3.5E-9	22.2E-9	917.9E-3	525.6E-3	5.54	-3.6E-9	3.08	3.9E-9	22.8E-9	933.1E-3	539.1E-3	5.63	-678.7E-12
340	3.16	963.1E-12	20.9E-9	919.4E-3	523.7E-3	5.37	-775.2E-12	3.25	1.5E-9	23.9E-9	930.9E-3	531.0E-3	5.42	-4.0E-9
341	3.05	1.7E-9	17.3E-9	915.9E-3	523.1E-3	5.50	-96.6E-12	3.14	1.7E-9	24.3E-9	939.5E-3	530.4E-3	5.54	-3.7E-9
342	3.19	962.5E-12	15.0E-9	924.3E-3	527.0E-3	5.68	-4.5E-9	3.29	2.3E-9	18.2E-9	947.2E-3	539.1E-3	5.73	-2.1E-9
343	3.03	4.4E-9	20.1E-9	924.6E-3	529.2E-3	5.49	-2.3E-9	3.10	3.3E-9	24.5E-9	938.7E-3	536.7E-3	5.56	-511.7E-12
344	3.05	556.7E-12	23.7E-9	914.7E-3	522.3E-3	5.72	-2.1E-9	3.10	2.4E-9	23.8E-9	928.6E-3	528.3E-3	5.81	-2.6E-9
345	3.20	2.9E-9	16.7E-9	923.7E-3	529.7E-3	5.59	-670.1E-12	3.27	2.4E-9	18.8E-9	946.7E-3	539.9E-3	5.67	-2.8E-9
346	3.03	2.0E-9	22.1E-9	924.3E-3	529.0E-3	5.72	-940.3E-12	3.09	299.8E-12	20.3E-9	950.3E-3	538.8E-3	5.80	-4.7E-9

Temperature Cycle
Mil-Std 750 M 1051, 100 Cycles, ΔT_j -55°C to 175°C
Lot 7210

SN	Initials						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDS(on) 10V	GFS 3.5A	IGSS -30V
347	3.13	2.0E-9	21.9E-9	918.0E-3	522.2E-3	5.74	-1.0E-9
348	3.19	4.5E-9	19.0E-9	924.4E-3	529.0E-3	5.44	-3.8E-9
349	3.17	399.2E-12	15.2E-9	911.0E-3	524.6E-3	5.61	-2.5E-9
350	3.03	1.9E-9	23.2E-9	916.6E-3	524.0E-3	5.68	-3.3E-9
351	3.02	2.0E-9	24.8E-9	912.5E-3	528.2E-3	5.79	-4.0E-9
352	3.05	1.5E-9	22.8E-9	920.9E-3	523.6E-3	5.36	-4.5E-9
353	3.04	3.7E-9	21.6E-9	922.5E-3	528.0E-3	5.34	-197.6E-12
354	3.20	1.5E-9	16.4E-9	919.0E-3	522.9E-3	5.77	-4.5E-9
355	3.14	4.9E-9	15.9E-9	911.6E-3	529.7E-3	5.55	-4.2E-9
356	3.11	4.8E-9	15.7E-9	914.3E-3	524.0E-3	5.34	-3.5E-9
357	3.09	5.0E-9	16.2E-9	920.3E-3	528.7E-3	5.58	-3.6E-9
358	3.07	1.9E-9	17.1E-9	917.9E-3	522.8E-3	5.74	-3.2E-9
359	3.10	1.2E-9	19.0E-9	924.3E-3	524.2E-3	5.46	-652.2E-12
360	3.03	1.8E-9	17.7E-9	917.0E-3	527.5E-3	5.47	-1.9E-9
361	3.08	1.5E-9	17.8E-9	915.9E-3	525.3E-3	5.70	-3.0E-9
362	3.12	242.7E-12	24.5E-9	924.4E-3	521.4E-3	5.32	-494.0E-12
363	3.14	2.4E-9	16.5E-9	924.9E-3	526.0E-3	5.59	-253.5E-12
364	3.16	46.4E-12	24.1E-9	919.6E-3	523.0E-3	5.51	-4.5E-9
365	3.19	1.1E-9	20.8E-9	911.6E-3	520.7E-3	5.44	-3.4E-9
366	3.07	4.1E-9	16.3E-9	924.4E-3	520.7E-3	5.34	-4.7E-9
367	3.04	4.5E-9	16.7E-9	920.3E-3	527.9E-3	5.71	-662.4E-12
368	3.19	466.1E-12	23.4E-9	916.3E-3	523.9E-3	5.57	-2.9E-9
369	3.14	1.6E-9	24.2E-9	921.2E-3	524.4E-3	5.34	-3.7E-9
370	3.04	674.3E-12	15.0E-9	913.5E-3	520.3E-3	5.61	-3.1E-9
371	3.20	2.5E-9	16.4E-9	913.3E-3	524.7E-3	5.57	-1.9E-9
372	3.13	4.8E-9	16.3E-9	924.1E-3	522.1E-3	5.31	-3.9E-9

100 Cycles End Points						
VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDS(on) 10V	GFS 3.5A	IGSS -30V
3.22	320.3E-12	21.1E-9	935.0E-3	537.6E-3	5.82	-4.3E-9
3.28	1.7E-9	22.4E-9	939.7E-3	539.6E-3	5.48	-1.8E-9
3.25	3.0E-9	16.9E-9	935.0E-3	536.7E-3	5.66	-3.9E-9
3.07	2.5E-9	16.1E-9	940.9E-3	537.2E-3	5.71	-871.5E-12
3.06	3.0E-9	21.6E-9	936.1E-3	533.7E-3	5.83	-3.8E-9
3.10	862.2E-12	21.0E-9	946.2E-3	535.8E-3	5.39	-634.8E-12
3.07	3.1E-9	16.0E-9	936.6E-3	539.2E-3	5.37	-942.7E-12
3.28	2.2E-9	16.1E-9	930.7E-3	531.4E-3	5.80	-2.3E-9
3.20	2.6E-9	23.1E-9	938.7E-3	545.0E-3	5.60	-2.6E-9
3.20	2.0E-9	24.3E-9	928.5E-3	537.5E-3	5.39	-2.4E-9
3.18	4.4E-9	16.2E-9	938.9E-3	539.9E-3	5.62	-870.0E-12
3.15	3.7E-9	21.7E-9	935.8E-3	528.0E-3	5.80	-4.1E-9
3.16	3.6E-9	20.7E-9	937.0E-3	537.3E-3	5.50	-33.6E-12
3.10	4.0E-9	20.3E-9	934.5E-3	533.7E-3	5.55	-4.6E-9
3.11	159.1E-12	22.1E-9	931.8E-3	538.2E-3	5.76	-2.0E-9
3.18	277.6E-12	21.4E-9	944.8E-3	534.5E-3	5.38	-4.2E-9
3.19	3.7E-9	21.7E-9	939.2E-3	540.9E-3	5.63	-429.1E-12
3.24	4.9E-9	17.4E-9	930.7E-3	530.2E-3	5.59	-1.3E-9
3.27	4.8E-9	20.9E-9	932.3E-3	527.6E-3	5.51	-1.3E-9
3.11	959.2E-12	18.9E-9	950.4E-3	530.4E-3	5.37	-1.4E-9
3.07	4.1E-9	16.8E-9	935.1E-3	541.6E-3	5.78	-2.7E-9
3.27	3.6E-9	19.3E-9	929.9E-3	530.3E-3	5.64	-3.9E-9
3.22	4.4E-9	16.6E-9	946.5E-3	534.3E-3	5.40	-558.6E-12
3.10	4.4E-9	20.2E-9	926.8E-3	530.8E-3	5.67	-1.2E-9
3.25	2.6E-9	20.3E-9	933.7E-3	539.4E-3	5.64	-2.4E-9
3.17	3.4E-9	23.9E-9	944.4E-3	532.4E-3	5.37	-4.8E-9

Temperature Cycle
Mil-Std 750 M 1051, 100 Cycles, ΔT_j -55°C to 175°C
Lot 7210

SN	Initials							100 Cycles End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSOn 10V	GFS 3.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSOn 10V	GFS 3.5A	IGSS -30V
373	3.07	4.9E-9	21.2E-9	918.3E-3	521.4E-3	5.42	-3.9E-9	3.14	4.8E-9	21.8E-9	942.2E-3	531.7E-3	5.49	-1.7E-9
374	3.08	2.8E-9	19.7E-9	922.1E-3	522.0E-3	5.76	-3.9E-9	3.12	4.1E-9	15.2E-9	933.8E-3	527.3E-3	5.82	-717.7E-12
375	3.15	213.6E-12	21.2E-9	917.1E-3	526.1E-3	5.58	-782.6E-12	3.18	3.8E-9	21.1E-9	942.6E-3	539.2E-3	5.64	-1.3E-9
376	3.15	664.9E-12	25.0E-9	924.5E-3	521.8E-3	5.58	-1.8E-9	3.23	3.2E-9	16.8E-9	943.5E-3	533.3E-3	5.64	-4.5E-9
377	3.10	3.9E-9	22.7E-9	920.7E-3	527.9E-3	5.32	-3.3E-9	3.18	2.2E-9	21.4E-9	932.9E-3	533.8E-3	5.37	-3.5E-9
378	3.01	666.5E-12	16.0E-9	918.2E-3	528.5E-3	5.36	-4.5E-9	3.09	4.2E-9	19.7E-9	945.0E-3	542.7E-3	5.43	-3.2E-9
379	3.18	1.1E-9	24.7E-9	920.7E-3	523.3E-3	5.72	-3.2E-9	3.27	21.4E-12	15.2E-9	945.9E-3	535.3E-3	5.78	-4.5E-9
380	3.18	2.6E-9	16.7E-9	912.4E-3	523.6E-3	5.64	-4.0E-9	3.24	4.0E-9	18.3E-9	931.1E-3	536.3E-3	5.71	-2.6E-9
381	3.14	3.0E-9	19.3E-9	912.5E-3	523.3E-3	5.78	-2.1E-9	3.20	1.7E-9	21.6E-9	924.2E-3	538.8E-3	5.83	-3.0E-9
382	3.14	3.6E-9	20.5E-9	922.9E-3	520.8E-3	5.41	-2.1E-9	3.18	4.4E-9	15.6E-9	940.0E-3	530.9E-3	5.48	-2.7E-9
383	3.06	2.9E-9	22.5E-9	916.3E-3	523.2E-3	5.47	-857.3E-12	3.11	3.5E-9	17.6E-9	928.5E-3	533.2E-3	5.53	-1.1E-9
384	3.16	1.0E-9	20.0E-9	914.0E-3	528.1E-3	5.32	-4.9E-9	3.24	2.5E-9	17.4E-9	929.7E-3	540.6E-3	5.38	-3.0E-9
385	3.05	2.3E-9	18.7E-9	923.5E-3	523.5E-3	5.58	-3.7E-9	3.08	2.2E-9	16.9E-9	938.5E-3	532.7E-3	5.61	-1.1E-9
386	3.12	2.4E-9	21.2E-9	919.1E-3	526.7E-3	5.63	-4.1E-9	3.15	3.7E-9	24.7E-9	931.3E-3	541.1E-3	5.70	-79.1E-12
387	3.01	4.4E-9	24.8E-9	921.3E-3	524.1E-3	5.43	-1.3E-9	3.07	2.6E-9	18.5E-9	937.8E-3	536.1E-3	5.49	-966.9E-12
388	3.15	588.5E-12	15.8E-9	923.4E-3	526.7E-3	5.75	-159.1E-12	3.24	2.4E-9	24.7E-9	940.9E-3	538.0E-3	5.83	-2.4E-9
389	3.03	1.7E-9	19.4E-9	913.4E-3	520.8E-3	5.35	-4.2E-9	3.07	4.8E-9	24.2E-9	931.1E-3	533.4E-3	5.37	-620.1E-12
390	3.18	270.5E-12	16.5E-9	912.9E-3	528.3E-3	5.48	-1.0E-9	3.23	2.9E-9	17.3E-9	935.0E-3	536.1E-3	5.56	-4.8E-9
391	3.15	973.0E-12	23.9E-9	913.4E-3	522.9E-3	5.68	-1.6E-9	3.20	982.6E-12	21.1E-9	932.8E-3	531.5E-3	5.75	-3.6E-9
392	3.09	2.4E-9	19.1E-9	911.1E-3	526.5E-3	5.35	-843.3E-12	3.14	1.5E-9	20.3E-9	922.3E-3	537.3E-3	5.38	-4.2E-9
393	3.04	198.2E-12	24.4E-9	913.6E-3	525.1E-3	5.45	-3.7E-9	3.13	3.8E-9	15.1E-9	934.3E-3	533.1E-3	5.49	-2.1E-9
394	3.06	445.5E-12	21.6E-9	921.7E-3	521.6E-3	5.76	-334.0E-12	3.11	4.7E-9	20.9E-9	932.2E-3	534.7E-3	5.80	-2.3E-9
395	3.09	2.9E-9	23.2E-9	922.6E-3	525.7E-3	5.72	-1.2E-9	3.15	488.9E-12	20.0E-9	941.4E-3	537.9E-3	5.78	-2.1E-9
396	3.14	1.2E-9	23.3E-9	916.7E-3	522.8E-3	5.67	-1.3E-9	3.21	1.7E-9	17.9E-9	942.4E-3	536.2E-3	5.74	-436.3E-12
397	3.11	676.6E-12	18.6E-9	923.3E-3	523.5E-3	5.72	-4.5E-9	3.15	1.5E-9	20.0E-9	935.6E-3	535.5E-3	5.80	-4.0E-9

Temperature Cycle
Mil-Std 750 M 1051, 100 Cycles, ΔT_j -55°C to 175°C
Lot 7212

SN	Initials						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDS(on) 10V	GFS 3.5A	IGSS -30V
641	3.10	2.9E-9	19.9E-9	914.9E-3	524.2E-3	5.48	-2.9E-9
642	3.15	4.1E-9	24.0E-9	920.7E-3	522.5E-3	5.31	-585.0E-12
643	3.13	2.3E-9	18.5E-9	914.0E-3	522.0E-3	5.68	-869.4E-12
644	3.16	1.8E-9	16.4E-9	916.3E-3	522.8E-3	5.79	-11.6E-12
645	3.07	2.4E-9	16.9E-9	914.4E-3	523.9E-3	5.43	-3.2E-9
646	3.19	4.3E-9	17.4E-9	924.5E-3	527.4E-3	5.71	-3.3E-9
647	3.06	2.3E-9	16.7E-9	912.9E-3	521.6E-3	5.70	-2.6E-9
648	3.00	1.2E-9	23.9E-9	915.1E-3	529.7E-3	5.56	-1.6E-9
649	3.06	3.8E-9	21.4E-9	920.9E-3	527.9E-3	5.47	-1.0E-9
650	3.16	2.7E-9	24.8E-9	919.6E-3	523.5E-3	5.53	-3.3E-9
651	3.07	2.3E-9	15.7E-9	920.9E-3	525.8E-3	5.33	-4.4E-9
652	3.00	158.5E-12	20.1E-9	915.1E-3	529.9E-3	5.65	-2.1E-9
653	3.05	510.5E-12	16.8E-9	919.9E-3	527.1E-3	5.78	-2.3E-9
654	3.19	686.9E-12	19.9E-9	914.7E-3	529.7E-3	5.57	-3.8E-9
655	3.03	3.1E-9	17.4E-9	913.3E-3	526.4E-3	5.51	-2.7E-9
656	3.18	2.9E-9	20.6E-9	913.9E-3	528.7E-3	5.63	-3.5E-9
657	3.02	4.1E-9	23.2E-9	919.3E-3	524.4E-3	5.46	-2.4E-9
658	3.08	1.9E-9	16.5E-9	924.0E-3	525.3E-3	5.56	-2.2E-9
659	3.19	2.8E-9	17.2E-9	914.9E-3	523.7E-3	5.38	-2.0E-9
660	3.12	708.3E-12	22.1E-9	910.4E-3	523.1E-3	5.39	-4.5E-9
661	3.10	4.1E-9	16.0E-9	915.0E-3	525.1E-3	5.78	-1.4E-9
662	3.08	1.6E-9	16.7E-9	911.7E-3	524.0E-3	5.43	-942.8E-12
663	3.10	4.3E-9	16.6E-9	914.1E-3	524.9E-3	5.62	-507.8E-12
664	3.06	1.6E-9	15.1E-9	913.6E-3	520.7E-3	5.30	-2.1E-9
665	3.15	759.8E-12	24.0E-9	916.7E-3	524.1E-3	5.50	-505.6E-12
666	3.15	3.5E-9	21.6E-9	924.7E-3	521.9E-3	5.60	-2.7E-9

100 Cycles End Points						
VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDS(on) 10V	GFS 3.5A	IGSS -30V
3.14	4.7E-9	18.2E-9	933.3E-3	537.7E-3	5.51	-3.9E-9
3.21	3.2E-9	23.2E-9	944.9E-3	533.8E-3	5.38	-2.2E-9
3.18	1.5E-9	18.9E-9	934.3E-3	532.1E-3	5.72	-1.3E-9
3.20	5.0E-9	17.5E-9	941.1E-3	533.5E-3	5.84	-4.8E-9
3.14	2.9E-9	23.8E-9	933.9E-3	537.7E-3	5.47	-936.4E-12
3.28	3.7E-9	21.7E-9	950.4E-3	542.6E-3	5.78	-4.3E-9
3.11	2.5E-9	17.8E-9	924.9E-3	535.8E-3	5.74	-1.4E-9
3.08	129.9E-12	22.0E-9	939.5E-3	541.5E-3	5.64	-4.4E-9
3.13	4.2E-9	21.2E-9	936.5E-3	541.0E-3	5.51	-3.9E-9
3.24	2.8E-9	21.3E-9	931.2E-3	531.2E-3	5.57	-1.3E-9
3.15	4.4E-9	24.8E-9	943.4E-3	540.9E-3	5.40	-4.7E-9
3.08	1.1E-9	21.5E-9	929.7E-3	539.3E-3	5.70	-2.7E-9
3.13	89.9E-12	17.3E-9	943.0E-3	536.9E-3	5.83	-4.9E-9
3.25	3.0E-9	19.6E-9	933.4E-3	543.5E-3	5.65	-1.6E-9
3.10	3.9E-9	16.6E-9	931.1E-3	535.5E-3	5.58	-2.3E-9
3.26	2.4E-9	23.7E-9	929.7E-3	542.5E-3	5.68	-909.1E-12
3.11	2.0E-9	21.7E-9	944.3E-3	535.5E-3	5.53	-4.8E-9
3.12	4.1E-9	15.1E-9	949.0E-3	532.2E-3	5.63	-2.4E-9
3.28	3.9E-9	21.4E-9	925.5E-3	529.1E-3	5.44	-941.4E-12
3.16	4.9E-9	19.0E-9	923.0E-3	531.0E-3	5.43	-3.6E-9
3.19	985.1E-12	20.7E-9	942.2E-3	535.7E-3	5.86	-5.0E-9
3.15	597.9E-12	18.6E-9	938.5E-3	531.9E-3	5.47	-3.8E-9
3.17	4.9E-9	16.1E-9	941.0E-3	540.6E-3	5.69	-510.1E-12
3.09	1.3E-9	20.8E-9	933.1E-3	533.0E-3	5.34	-1.4E-9
3.24	4.0E-9	21.7E-9	943.2E-3	531.1E-3	5.58	-331.7E-12
3.18	493.2E-12	21.5E-9	945.3E-3	527.4E-3	5.67	-2.9E-9

Temperature Cycle
Mil-Std 750 M 1051, 100 Cycles, ΔT_j -55°C to 175°C
Lot 7212

SN	Initials							100 Cycles End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDS(on) 10V	GFS 3.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDS(on) 10V	GFS 3.5A	IGSS -30V
667	3.11	4.5E-9	23.0E-9	914.3E-3	527.0E-3	5.30	-689.2E-12	3.15	4.3E-9	18.3E-9	931.5E-3	540.5E-3	5.33	-1.5E-9
668	3.01	133.4E-12	20.9E-9	911.9E-3	524.0E-3	5.75	-2.6E-9	3.07	789.5E-12	19.6E-9	936.5E-3	532.8E-3	5.80	-4.8E-9
669	3.03	4.4E-9	15.2E-9	914.9E-3	520.6E-3	5.42	-3.1E-9	3.11	1.5E-9	17.1E-9	933.6E-3	532.9E-3	5.49	-962.9E-12
670	3.10	2.2E-9	16.2E-9	911.4E-3	521.3E-3	5.49	-2.6E-9	3.16	509.8E-12	19.3E-9	930.9E-3	531.9E-3	5.57	-3.9E-9
671	3.15	4.2E-9	15.3E-9	924.2E-3	520.1E-3	5.46	-3.5E-9	3.23	2.5E-9	18.9E-9	935.1E-3	530.9E-3	5.50	-2.3E-9
672	3.06	2.4E-9	22.1E-9	923.1E-3	526.4E-3	5.61	-3.1E-9	3.10	1.4E-9	23.5E-9	942.9E-3	536.4E-3	5.69	-3.6E-9
673	3.01	2.4E-9	24.1E-9	916.3E-3	523.3E-3	5.47	-919.2E-12	3.05	4.7E-9	16.2E-9	929.1E-3	531.5E-3	5.55	-3.9E-9
674	3.18	4.8E-9	20.9E-9	915.4E-3	523.7E-3	5.73	-3.9E-9	3.27	2.7E-9	20.3E-9	942.1E-3	535.1E-3	5.77	-4.5E-9
675	3.08	4.6E-9	23.7E-9	925.0E-3	526.1E-3	5.70	-2.7E-9	3.12	825.6E-12	18.5E-9	936.2E-3	537.9E-3	5.74	-3.2E-9
676	3.20	904.7E-12	15.7E-9	922.6E-3	527.2E-3	5.65	-2.9E-9	3.26	2.2E-9	22.0E-9	949.1E-3	533.9E-3	5.68	-654.5E-12
677	3.13	1.9E-9	23.7E-9	915.3E-3	522.0E-3	5.45	-1.8E-9	3.20	1.1E-9	21.3E-9	930.0E-3	527.8E-3	5.51	-4.9E-9
678	3.02	1.1E-9	24.9E-9	914.6E-3	527.0E-3	5.54	-1.1E-9	3.10	2.6E-9	17.2E-9	928.4E-3	539.3E-3	5.58	-1.1E-9
679	3.15	553.1E-12	16.3E-9	921.1E-3	524.9E-3	5.76	-2.4E-9	3.21	1.4E-9	22.9E-9	933.5E-3	533.2E-3	5.82	-2.9E-9
680	3.18	2.9E-9	19.4E-9	915.7E-3	526.3E-3	5.42	-2.4E-9	3.28	3.5E-9	24.5E-9	936.3E-3	533.1E-3	5.49	-780.0E-12
681	3.15	4.4E-9	17.4E-9	915.3E-3	529.5E-3	5.65	-1.3E-9	3.20	1.5E-9	19.8E-9	935.0E-3	545.3E-3	5.71	-2.0E-9
682	3.14	3.8E-9	19.0E-9	919.8E-3	528.9E-3	5.35	-1.3E-9	3.18	3.2E-9	16.1E-9	938.1E-3	539.0E-3	5.38	-545.9E-12
683	3.04	3.4E-9	18.3E-9	916.0E-3	520.4E-3	5.61	-1.2E-9	3.10	1.1E-9	24.8E-9	937.5E-3	535.2E-3	5.65	-679.8E-12
684	3.15	1.4E-9	18.2E-9	920.3E-3	526.4E-3	5.46	-1.4E-9	3.19	4.3E-9	23.0E-9	939.8E-3	534.8E-3	5.49	-4.7E-9
685	3.12	3.4E-9	15.0E-9	920.5E-3	528.0E-3	5.58	-653.4E-12	3.19	2.3E-9	15.1E-9	932.4E-3	535.6E-3	5.63	-4.0E-9
686	3.10	1.1E-9	19.1E-9	915.5E-3	527.7E-3	5.47	-3.0E-9	3.15	2.7E-9	24.5E-9	937.8E-3	538.0E-3	5.54	-464.3E-12
687	3.14	1.2E-9	22.9E-9	924.6E-3	529.7E-3	5.32	-763.6E-12	3.21	1.8E-9	22.5E-9	942.6E-3	535.4E-3	5.35	-1.3E-9
688	3.05	78.1E-12	24.8E-9	921.0E-3	529.7E-3	5.47	-3.2E-9	3.10	366.3E-12	18.1E-9	944.2E-3	537.5E-3	5.54	-3.0E-9
689	3.15	3.3E-9	15.9E-9	917.4E-3	528.4E-3	5.70	-3.9E-9	3.21	3.2E-9	16.6E-9	937.6E-3	540.8E-3	5.76	-3.6E-9
690	3.07	318.9E-12	20.2E-9	910.7E-3	520.7E-3	5.59	-3.8E-9	3.16	4.6E-9	20.1E-9	925.0E-3	531.8E-3	5.62	-1.0E-9
691	3.01	3.7E-9	18.9E-9	918.7E-3	521.6E-3	5.57	-1.9E-9	3.10	692.0E-12	19.6E-9	945.2E-3	534.5E-3	5.60	-2.3E-9
692	3.05	706.2E-12	17.2E-9	923.1E-3	523.2E-3	5.43	-1.3E-9	3.08	4.8E-9	18.3E-9	940.5E-3	533.5E-3	5.46	-2.2E-9

Temperature Cycle
Mil-Std 750 M 1051, 100 Cycles, ΔT_j -55°C to 175°C
Lot 7212

SN	Initials							100 Cycles End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDS(on) 10V	GFS 3.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDS(on) 10V	GFS 3.5A	IGSS -30V
693	3.08	3.9E-9	19.0E-9	910.8E-3	527.3E-3	5.54	-2.2E-9	3.15	292.8E-12	24.3E-9	927.5E-3	537.7E-3	5.62	-4.0E-9
694	3.07	2.3E-9	19.5E-9	912.2E-3	524.8E-3	5.63	-2.2E-9	3.15	3.5E-9	16.1E-9	923.2E-3	534.3E-3	5.70	-3.3E-9
695	3.08	2.0E-9	21.9E-9	916.0E-3	523.2E-3	5.32	-1.4E-9	3.17	4.0E-9	16.8E-9	941.0E-3	530.2E-3	5.37	-4.9E-9
696	3.12	320.6E-12	22.1E-9	916.9E-3	526.6E-3	5.63	-29.2E-12	3.16	4.6E-9	15.2E-9	939.1E-3	533.6E-3	5.70	-2.2E-9
697	3.14	2.3E-9	18.5E-9	918.8E-3	528.0E-3	5.61	-3.9E-9	3.20	3.6E-9	15.1E-9	934.1E-3	542.4E-3	5.64	-4.1E-9
698	3.16	2.8E-9	19.0E-9	921.7E-3	525.5E-3	5.32	-1.3E-9	3.20	2.0E-9	15.1E-9	946.6E-3	538.5E-3	5.37	-2.1E-9
699	3.00	1.9E-9	18.1E-9	912.5E-3	526.1E-3	5.71	-1.5E-9	3.06	3.4E-9	19.6E-9	936.4E-3	532.1E-3	5.76	-3.6E-9
700	3.04	2.8E-9	23.6E-9	918.0E-3	529.1E-3	5.49	-4.0E-9	3.12	3.5E-9	17.8E-9	932.1E-3	536.7E-3	5.56	-4.7E-9
701	3.02	4.5E-9	16.3E-9	922.7E-3	525.7E-3	5.40	-3.2E-9	3.08	160.0E-12	17.4E-9	934.2E-3	534.6E-3	5.45	-1.7E-9
702	3.01	237.8E-12	19.8E-9	924.5E-3	525.5E-3	5.37	-3.0E-9	3.06	4.2E-9	18.2E-9	950.8E-3	534.7E-3	5.41	-2.4E-9
703	3.20	1.5E-9	21.1E-9	918.5E-3	526.6E-3	5.56	-3.3E-9	3.27	4.2E-9	22.7E-9	938.5E-3	535.7E-3	5.61	-6.6E-12
704	3.02	136.0E-12	24.1E-9	919.8E-3	525.7E-3	5.50	-1.4E-9	3.07	2.4E-9	21.0E-9	932.5E-3	531.0E-3	5.54	-2.5E-9
705	3.04	3.3E-9	17.6E-9	924.0E-3	523.1E-3	5.61	-2.1E-9	3.11	173.3E-12	21.1E-9	940.6E-3	534.1E-3	5.65	-1.5E-9
706	3.05	3.2E-9	15.4E-9	917.5E-3	527.8E-3	5.46	-3.1E-9	3.11	3.1E-9	23.4E-9	928.5E-3	540.5E-3	5.50	-2.9E-9
707	3.13	1.6E-9	22.5E-9	923.3E-3	528.0E-3	5.39	-336.0E-12	3.21	1.1E-9	18.8E-9	948.0E-3	535.5E-3	5.45	-2.1E-9
708	3.03	1.2E-9	23.4E-9	912.0E-3	521.4E-3	5.58	-4.8E-9	3.08	2.9E-9	18.7E-9	925.0E-3	527.0E-3	5.64	-161.7E-12
709	3.04	2.5E-9	16.2E-9	911.5E-3	525.0E-3	5.34	-1.6E-9	3.11	1.7E-9	18.2E-9	931.4E-3	533.5E-3	5.40	-791.2E-12
710	3.14	748.1E-12	17.2E-9	914.8E-3	520.7E-3	5.80	-820.4E-12	3.23	3.0E-9	17.9E-9	932.1E-3	533.4E-3	5.84	-4.8E-9
711	3.08	316.8E-12	22.0E-9	919.6E-3	523.6E-3	5.36	-2.0E-9	3.13	2.3E-9	20.7E-9	933.5E-3	538.9E-3	5.41	-2.6E-9
712	3.04	1.2E-9	15.0E-9	910.3E-3	529.8E-3	5.49	-633.2E-12	3.11	2.2E-9	20.1E-9	920.7E-3	538.0E-3	5.57	-2.7E-9
713	3.20	1.8E-9	19.5E-9	910.9E-3	528.5E-3	5.72	-1.2E-9	3.26	1.9E-9	23.7E-9	927.3E-3	535.0E-3	5.77	-4.7E-9
714	3.19	3.8E-9	19.0E-9	922.2E-3	521.4E-3	5.42	-1.8E-9	3.24	3.8E-9	21.0E-9	945.0E-3	527.8E-3	5.47	-1.8E-9
715	3.06	1.2E-9	22.4E-9	922.7E-3	526.4E-3	5.72	-4.6E-9	3.12	4.0E-9	15.2E-9	942.5E-3	533.7E-3	5.77	-1.8E-9
716	3.19	4.3E-9	17.5E-9	919.3E-3	521.1E-3	5.69	-2.2E-9	3.28	4.6E-9	20.2E-9	946.9E-3	536.1E-3	5.73	-2.3E-9
717	3.16	1.6E-9	15.2E-9	919.9E-3	523.3E-3	5.67	-335.6E-12	3.22	3.7E-9	15.0E-9	946.2E-3	535.9E-3	5.72	-3.7E-9

High Temperature Storage

High Temperature Storage
Mil-Std 750 M 1032, 340hrs, 150°C
Lot 7103

SN	Initials							340Hr End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSOn 10V	GFS 3.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSOn 10V	GFS 3.5A	IGSS -30V
81	3.18	2.8E-9	16.3E-9	923.4E-3	561.7E-3	5.60	-4.3E-9	3.23	168.3E-12	20.6E-9	932.8E-3	572.7E-3	5.66	-4.1E-9
82	3.06	605.1E-12	20.7E-9	922.3E-3	568.1E-3	5.63	-2.9E-9	3.10	1.1E-9	20.5E-9	933.5E-3	574.5E-3	5.71	-993.5E-12
83	3.03	3.6E-9	15.7E-9	918.1E-3	566.3E-3	5.42	-4.4E-9	3.07	2.0E-9	15.1E-9	942.2E-3	572.9E-3	5.46	-2.9E-9
84	3.04	1.2E-9	22.6E-9	923.1E-3	562.1E-3	5.60	-1.4E-9	3.09	3.8E-9	16.8E-9	945.3E-3	572.1E-3	5.68	-843.7E-12
85	3.00	1.2E-9	18.9E-9	922.3E-3	567.7E-3	5.54	-416.5E-12	3.03	852.4E-12	17.5E-9	934.0E-3	583.7E-3	5.57	-106.1E-12
86	3.06	2.2E-9	24.3E-9	913.3E-3	569.6E-3	5.58	-2.9E-9	3.10	4.0E-9	16.0E-9	923.8E-3	577.3E-3	5.63	-3.2E-9
87	3.13	1.8E-9	18.5E-9	910.8E-3	564.7E-3	5.67	-515.1E-12	3.18	1.3E-9	23.2E-9	933.4E-3	577.9E-3	5.73	-3.3E-9
88	3.00	566.9E-12	15.6E-9	922.1E-3	562.3E-3	5.75	-1.6E-9	3.04	2.7E-9	22.0E-9	945.8E-3	574.3E-3	5.82	-2.2E-9
89	3.19	4.6E-9	20.2E-9	911.5E-3	561.1E-3	5.36	-3.3E-9	3.25	279.3E-12	20.9E-9	926.1E-3	574.4E-3	5.40	-705.3E-12
90	3.07	497.9E-12	16.9E-9	920.9E-3	565.4E-3	5.59	-4.5E-9	3.12	2.9E-9	23.0E-9	942.9E-3	573.0E-3	5.64	-2.5E-9
91	3.20	4.9E-9	18.3E-9	912.4E-3	568.9E-3	5.34	-2.9E-9	3.28	1.3E-9	21.3E-9	923.2E-3	582.5E-3	5.38	-1.8E-9
92	3.04	141.6E-12	16.1E-9	918.4E-3	562.7E-3	5.51	-885.0E-12	3.08	4.3E-9	23.0E-9	930.6E-3	577.3E-3	5.56	-4.0E-9
93	3.08	3.0E-9	17.7E-9	916.1E-3	568.1E-3	5.66	-677.2E-12	3.12	2.1E-9	21.8E-9	936.7E-3	575.3E-3	5.71	-1.0E-9
94	3.03	1.2E-9	19.2E-9	911.5E-3	564.9E-3	5.42	-4.3E-9	3.11	2.9E-9	15.4E-9	925.3E-3	576.1E-3	5.48	-4.4E-9
95	3.13	125.3E-12	21.0E-9	910.7E-3	566.2E-3	5.38	-3.1E-9	3.19	377.3E-12	18.8E-9	921.0E-3	576.9E-3	5.44	-4.7E-9
96	3.20	4.4E-9	24.2E-9	919.5E-3	562.9E-3	5.54	-3.1E-9	3.25	1.2E-9	17.1E-9	929.2E-3	571.5E-3	5.58	-1.7E-9
97	3.15	1.7E-9	24.0E-9	914.2E-3	564.3E-3	5.70	-501.1E-12	3.22	2.0E-9	24.1E-9	938.1E-3	578.6E-3	5.74	-2.1E-9
98	3.15	703.0E-12	16.3E-9	915.0E-3	567.9E-3	5.59	-1.4E-9	3.20	4.7E-9	23.6E-9	930.9E-3	574.8E-3	5.63	-1.6E-9
99	3.14	3.8E-9	21.6E-9	912.2E-3	565.9E-3	5.31	-1.3E-9	3.21	93.0E-12	19.9E-9	930.2E-3	575.3E-3	5.37	-3.1E-9
100	3.02	3.4E-9	24.0E-9	922.8E-3	566.8E-3	5.70	-2.8E-9	3.10	2.0E-9	16.2E-9	943.0E-3	583.7E-3	5.77	-3.7E-9
101	3.18	3.0E-9	20.2E-9	915.8E-3	564.7E-3	5.65	-3.6E-9	3.23	148.8E-12	17.1E-9	941.4E-3	576.3E-3	5.71	-477.6E-12
102	3.20	2.0E-9	18.4E-9	917.8E-3	562.1E-3	5.43	-4.6E-9	3.28	4.3E-9	22.0E-9	929.7E-3	570.1E-3	5.49	-4.0E-9
103	3.14	856.5E-12	21.4E-9	921.1E-3	565.6E-3	5.59	-3.8E-9	3.19	3.9E-9	17.3E-9	944.5E-3	573.9E-3	5.66	-3.4E-9
104	3.17	1.9E-9	23.5E-9	916.9E-3	568.4E-3	5.33	-1.8E-9	3.26	1.9E-9	16.7E-9	941.4E-3	582.1E-3	5.39	-3.0E-9
105	3.14	4.0E-9	16.2E-9	923.8E-3	568.5E-3	5.71	-3.1E-9	3.20	5.0E-9	21.8E-9	949.8E-3	576.4E-3	5.77	-4.0E-9
106	3.05	4.3E-9	17.3E-9	921.2E-3	568.2E-3	5.43	-837.0E-12	3.12	491.3E-12	22.5E-9	948.3E-3	578.3E-3	5.47	-2.0E-9

High Temperature Storage
Mil-Std 750 M 1032, 340hrs, 150°C
Lot 7103

SN	Initials							340Hr End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSOn 10V	GFS 3.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSOn 10V	GFS 3.5A	IGSS -30V
107	3.01	297.1E-12	15.1E-9	917.7E-3	566.9E-3	5.42	-1.3E-9	3.07	2.3E-9	22.0E-9	931.1E-3	577.9E-3	5.48	-1.1E-9
108	3.03	1.6E-9	24.4E-9	915.9E-3	569.7E-3	5.52	-2.8E-9	3.09	4.6E-9	15.3E-9	943.3E-3	584.8E-3	5.55	-1.4E-9
109	3.15	1.1E-9	19.7E-9	911.7E-3	560.5E-3	5.64	-4.3E-9	3.20	2.3E-9	18.2E-9	929.2E-3	573.5E-3	5.69	-2.1E-9
110	3.00	4.3E-9	18.2E-9	912.8E-3	568.7E-3	5.42	-2.5E-9	3.07	3.3E-9	15.5E-9	929.9E-3	575.4E-3	5.45	-4.1E-9
111	3.06	1.5E-9	19.0E-9	914.5E-3	561.3E-3	5.57	-964.5E-12	3.13	2.8E-9	24.3E-9	929.8E-3	568.2E-3	5.62	-4.7E-9
112	3.10	5.0E-9	18.9E-9	921.6E-3	569.2E-3	5.49	-4.8E-9	3.18	2.2E-9	17.7E-9	940.3E-3	576.1E-3	5.53	-2.6E-9
113	3.16	605.0E-12	23.1E-9	917.4E-3	566.1E-3	5.62	-1.1E-9	3.22	2.4E-9	22.8E-9	939.3E-3	573.0E-3	5.70	-3.9E-9
114	3.02	4.7E-9	24.2E-9	917.6E-3	566.0E-3	5.48	-4.3E-9	3.07	4.2E-9	21.2E-9	939.2E-3	582.1E-3	5.56	-1.7E-9
115	3.06	4.8E-9	15.4E-9	913.4E-3	565.5E-3	5.65	-1.1E-9	3.14	2.7E-9	18.6E-9	925.7E-3	571.5E-3	5.69	-4.2E-9
116	3.17	4.0E-9	20.5E-9	914.9E-3	563.6E-3	5.56	-2.0E-9	3.26	1.9E-9	21.8E-9	930.1E-3	578.6E-3	5.64	-4.4E-9
117	3.13	2.5E-9	17.0E-9	917.9E-3	567.4E-3	5.48	-763.6E-12	3.22	1.8E-9	19.6E-9	943.7E-3	579.5E-3	5.55	-4.7E-9
118	3.05	3.2E-9	19.0E-9	917.2E-3	563.8E-3	5.37	-4.9E-9	3.10	2.7E-9	18.3E-9	937.9E-3	572.3E-3	5.43	-3.2E-9
119	3.18	2.3E-9	23.7E-9	913.9E-3	560.3E-3	5.65	-3.1E-9	3.26	3.4E-9	24.8E-9	937.6E-3	569.9E-3	5.70	-4.0E-9
120	3.03	4.4E-9	17.6E-9	920.2E-3	568.1E-3	5.45	-2.8E-9	3.08	1.4E-9	17.8E-9	932.4E-3	576.5E-3	5.50	-2.4E-9
121	3.09	2.6E-9	16.2E-9	924.9E-3	566.2E-3	5.56	-4.6E-9	3.13	3.6E-9	18.1E-9	950.7E-3	579.2E-3	5.62	-2.5E-9
122	3.08	30.8E-12	19.1E-9	921.4E-3	565.1E-3	5.59	-2.8E-9	3.16	1.6E-9	22.0E-9	932.3E-3	573.6E-3	5.67	-5.0E-9
123	3.18	4.6E-9	21.1E-9	914.9E-3	566.5E-3	5.65	-4.2E-9	3.26	4.5E-9	17.0E-9	930.1E-3	582.2E-3	5.72	-2.5E-9
124	3.16	2.6E-9	22.5E-9	917.1E-3	569.6E-3	5.43	-2.5E-9	3.20	4.1E-9	22.7E-9	928.6E-3	584.9E-3	5.47	-4.1E-9
125	3.02	866.6E-12	18.7E-9	917.3E-3	565.9E-3	5.35	-3.3E-9	3.11	2.3E-9	17.8E-9	935.1E-3	574.0E-3	5.42	-2.3E-9
126	3.11	4.1E-9	22.2E-9	918.6E-3	568.8E-3	5.45	-3.8E-9	3.17	2.5E-9	17.1E-9	930.4E-3	585.7E-3	5.49	-2.5E-9
127	3.02	4.1E-9	20.3E-9	917.6E-3	564.3E-3	5.61	-3.1E-9	3.10	3.5E-9	24.2E-9	938.9E-3	578.7E-3	5.69	-2.3E-9
128	3.07	1.1E-9	23.3E-9	919.9E-3	564.8E-3	5.78	-501.8E-12	3.13	5.0E-9	24.4E-9	946.8E-3	575.4E-3	5.84	-634.0E-12
129	3.10	3.8E-9	19.9E-9	922.4E-3	562.5E-3	5.59	-3.1E-9	3.19	898.8E-12	20.9E-9	950.0E-3	571.9E-3	5.62	-4.4E-9
130	3.07	3.9E-9	24.5E-9	924.8E-3	565.7E-3	5.75	-2.6E-9	3.16	1.8E-9	17.3E-9	935.0E-3	580.7E-3	5.80	-4.4E-9
131	3.16	3.4E-9	16.7E-9	923.8E-3	565.8E-3	5.52	-1.0E-9	3.24	1.1E-9	15.9E-9	933.9E-3	575.6E-3	5.60	-547.1E-12
132	3.05	641.8E-12	21.6E-9	915.7E-3	562.2E-3	5.60	-833.5E-12	3.14	2.1E-9	20.9E-9	932.9E-3	577.8E-3	5.67	-4.6E-9

High Temperature Storage
Mil-Std 750 M 1032, 340hrs, 150°C
Lot 7103

SN	Initials							340Hr End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSOn 10V	GFS 3.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSOn 10V	GFS 3.5A	IGSS -30V
133	3.07	3.3E-9	18.6E-9	917.1E-3	562.6E-3	5.65	-646.8E-12	3.12	2.8E-9	15.3E-9	929.5E-3	576.2E-3	5.70	-3.3E-9
134	3.02	4.0E-9	23.9E-9	921.1E-3	564.5E-3	5.39	-1.3E-9	3.08	334.9E-12	24.6E-9	931.4E-3	575.5E-3	5.45	-4.7E-9
135	3.02	188.6E-12	23.5E-9	912.2E-3	568.2E-3	5.39	-470.3E-12	3.05	3.3E-9	17.6E-9	922.3E-3	579.8E-3	5.44	-662.9E-12
136	3.05	416.2E-12	24.2E-9	913.2E-3	561.8E-3	5.45	-4.1E-9	3.13	3.3E-9	21.6E-9	925.5E-3	568.4E-3	5.50	-909.5E-12
137	3.20	1.2E-9	16.0E-9	918.2E-3	565.6E-3	5.49	-4.7E-9	3.29	4.0E-9	18.1E-9	930.2E-3	578.9E-3	5.55	-2.0E-9
138	3.12	3.7E-9	22.1E-9	921.1E-3	563.5E-3	5.69	-3.7E-9	3.16	2.0E-9	18.9E-9	938.0E-3	572.9E-3	5.77	-2.7E-9
139	3.10	3.5E-9	22.7E-9	917.6E-3	565.0E-3	5.72	-3.8E-9	3.19	1.8E-9	18.6E-9	934.8E-3	578.4E-3	5.76	-2.7E-9
140	3.18	4.3E-9	16.3E-9	918.2E-3	569.4E-3	5.36	-3.7E-9	3.25	2.5E-9	21.1E-9	934.7E-3	585.5E-3	5.42	-612.5E-12
141	3.01	3.8E-9	21.6E-9	921.9E-3	563.6E-3	5.65	-3.5E-9	3.09	2.3E-9	15.7E-9	934.0E-3	579.1E-3	5.72	-1.1E-9
142	3.17	1.9E-9	19.7E-9	922.0E-3	561.4E-3	5.57	-2.2E-9	3.21	4.5E-9	17.2E-9	935.4E-3	569.4E-3	5.62	-3.6E-9
143	3.12	3.1E-9	22.8E-9	912.4E-3	561.7E-3	5.33	-616.3E-12	3.21	969.0E-12	15.4E-9	931.7E-3	575.1E-3	5.37	-3.4E-9
144	3.11	3.5E-9	17.5E-9	917.6E-3	568.8E-3	5.77	-501.9E-12	3.18	802.1E-12	18.0E-9	935.9E-3	583.5E-3	5.85	-119.9E-12
145	3.11	65.9E-12	23.8E-9	910.2E-3	564.3E-3	5.64	-2.5E-9	3.20	3.7E-9	22.9E-9	936.5E-3	571.6E-3	5.72	-2.5E-9
146	3.01	3.5E-9	17.0E-9	915.1E-3	568.9E-3	5.61	-4.0E-9	3.08	1.2E-9	22.3E-9	931.3E-3	578.5E-3	5.68	-4.0E-9
147	3.07	2.8E-9	24.7E-9	917.8E-3	567.0E-3	5.37	-470.8E-12	3.15	4.0E-9	23.3E-9	940.4E-3	581.2E-3	5.41	-1.3E-9
148	3.00	580.5E-12	20.2E-9	924.4E-3	569.0E-3	5.53	-607.9E-12	3.07	4.6E-9	23.5E-9	950.1E-3	578.3E-3	5.59	-887.3E-12
149	3.05	99.9E-12	17.8E-9	920.0E-3	560.1E-3	5.50	-4.9E-9	3.11	4.7E-9	23.3E-9	932.3E-3	570.8E-3	5.57	-2.7E-9
150	3.02	2.0E-9	21.7E-9	914.1E-3	560.9E-3	5.62	-804.0E-12	3.08	360.1E-12	15.2E-9	934.2E-3	576.9E-3	5.66	-3.5E-9
151	3.18	3.1E-9	21.3E-9	910.9E-3	560.1E-3	5.57	-2.4E-9	3.22	3.4E-9	15.3E-9	930.9E-3	571.1E-3	5.63	-3.1E-9
152	3.05	1.2E-9	22.1E-9	911.0E-3	561.3E-3	5.34	-2.0E-9	3.08	532.5E-12	23.4E-9	929.7E-3	577.6E-3	5.37	-210.8E-12
153	3.15	4.4E-9	17.6E-9	915.1E-3	562.8E-3	5.75	-2.3E-9	3.23	2.3E-9	21.6E-9	928.9E-3	572.5E-3	5.80	-2.0E-9
154	3.19	5.0E-9	23.4E-9	912.0E-3	560.1E-3	5.51	-3.8E-9	3.23	4.3E-9	17.9E-9	926.4E-3	569.7E-3	5.55	-4.9E-9
155	3.02	3.9E-9	15.4E-9	911.6E-3	563.8E-3	5.68	-172.7E-12	3.09	484.4E-12	23.8E-9	936.7E-3	579.7E-3	5.77	-1.6E-9
156	3.00	2.7E-9	22.3E-9	921.4E-3	566.3E-3	5.71	-5.0E-9	3.04	996.8E-12	19.1E-9	931.2E-3	576.9E-3	5.78	-1.5E-9
157	3.15	2.2E-9	18.5E-9	913.0E-3	561.7E-3	5.66	-4.1E-9	3.22	135.6E-12	16.3E-9	939.3E-3	577.9E-3	5.74	-461.2E-12

High Temperature Storage
Mil-Std 750 M 1032, 340hrs, 150°C
Lot 7210

SN	Initials							340Hr End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSOn 10V	GFS 3.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSOn 10V	GFS 3.5A	IGSS -30V
401	3.04	1.7E-9	24.0E-9	910.6E-3	564.4E-3	5.48	-3.8E-9	3.13	3.3E-9	19.1E-9	919.8E-3	572.5E-3	5.52	-3.2E-9
402	3.06	3.6E-9	15.2E-9	923.1E-3	569.0E-3	5.51	-1.2E-9	3.12	2.6E-9	21.9E-9	933.4E-3	575.4E-3	5.55	-4.8E-9
403	3.08	4.2E-9	17.5E-9	917.1E-3	566.5E-3	5.65	-4.5E-9	3.12	390.4E-12	24.8E-9	928.7E-3	575.9E-3	5.70	-2.6E-9
404	3.12	3.0E-9	24.2E-9	920.4E-3	562.4E-3	5.56	-3.8E-9	3.16	1.4E-9	23.6E-9	940.1E-3	577.9E-3	5.61	-3.2E-9
405	3.01	199.7E-12	17.5E-9	922.3E-3	562.8E-3	5.55	-2.0E-9	3.06	3.3E-9	23.6E-9	945.3E-3	579.4E-3	5.61	-89.0E-12
406	3.15	2.2E-9	23.7E-9	915.7E-3	569.5E-3	5.69	-573.0E-12	3.23	1.8E-9	19.4E-9	940.3E-3	575.9E-3	5.75	-1.6E-9
407	3.01	5.0E-9	21.7E-9	915.0E-3	561.6E-3	5.37	-942.4E-12	3.05	2.7E-9	17.9E-9	940.0E-3	577.5E-3	5.41	-97.7E-12
408	3.14	4.5E-9	24.5E-9	919.1E-3	567.5E-3	5.63	-502.2E-12	3.18	1.4E-9	19.5E-9	938.1E-3	580.4E-3	5.69	-1.2E-9
409	3.10	3.3E-9	18.2E-9	916.8E-3	564.8E-3	5.31	-2.1E-9	3.16	1.8E-9	19.9E-9	940.7E-3	574.7E-3	5.35	-2.3E-9
410	3.14	4.9E-9	18.5E-9	913.0E-3	570.0E-3	5.63	-4.2E-9	3.19	1.4E-9	19.4E-9	938.8E-3	578.0E-3	5.70	-3.4E-9
411	3.11	4.8E-9	18.7E-9	916.7E-3	560.0E-3	5.44	-2.0E-9	3.20	3.6E-9	15.1E-9	927.2E-3	569.3E-3	5.51	-2.7E-9
412	3.14	2.2E-9	23.6E-9	924.5E-3	561.5E-3	5.37	-642.8E-12	3.18	3.2E-9	15.7E-9	938.8E-3	572.3E-3	5.41	-1.6E-9
413	3.19	3.8E-9	17.6E-9	919.0E-3	560.1E-3	5.34	-1.5E-9	3.25	3.3E-9	15.6E-9	946.3E-3	576.5E-3	5.39	-770.8E-12
414	3.13	3.8E-9	20.7E-9	916.1E-3	563.3E-3	5.42	-963.6E-12	3.18	1.3E-9	19.9E-9	926.0E-3	570.2E-3	5.49	-398.2E-12
415	3.02	4.1E-9	18.4E-9	919.3E-3	564.5E-3	5.77	-2.3E-9	3.07	1.3E-9	24.1E-9	940.7E-3	580.2E-3	5.84	-1.0E-9
416	3.14	1.6E-9	17.8E-9	912.5E-3	565.0E-3	5.42	-3.8E-9	3.23	4.4E-9	22.6E-9	934.1E-3	575.9E-3	5.51	-1.1E-9
417	3.00	13.1E-12	21.5E-9	912.6E-3	564.3E-3	5.64	-1.7E-9	3.08	2.5E-9	22.9E-9	939.8E-3	572.1E-3	5.67	-4.6E-9
418	3.16	3.0E-9	17.4E-9	922.2E-3	565.5E-3	5.36	-2.4E-9	3.19	2.7E-9	20.7E-9	946.5E-3	575.2E-3	5.40	-4.9E-9
419	3.02	1.2E-9	17.0E-9	915.5E-3	561.1E-3	5.45	-607.8E-12	3.08	2.4E-9	24.1E-9	935.0E-3	570.1E-3	5.52	-2.7E-9
420	3.05	3.7E-9	15.4E-9	914.1E-3	566.7E-3	5.78	-4.8E-9	3.11	1.6E-9	16.5E-9	936.3E-3	572.9E-3	5.81	-3.9E-9
421	3.11	691.7E-12	20.0E-9	920.8E-3	560.6E-3	5.48	-1.5E-9	3.17	1.7E-9	24.1E-9	943.4E-3	575.5E-3	5.54	-1.5E-9
422	3.15	2.1E-9	22.9E-9	920.6E-3	567.6E-3	5.31	-430.4E-12	3.20	3.9E-9	23.9E-9	931.4E-3	579.5E-3	5.34	-1.7E-9
423	3.13	53.2E-12	18.5E-9	911.9E-3	569.2E-3	5.55	-2.3E-9	3.18	115.6E-12	23.7E-9	928.7E-3	581.8E-3	5.61	-875.0E-12
424	3.14	3.1E-9	18.4E-9	913.1E-3	569.5E-3	5.56	-1.7E-9	3.23	2.4E-9	22.9E-9	925.8E-3	576.1E-3	5.63	-4.7E-9
425	3.04	3.1E-9	17.4E-9	912.5E-3	562.4E-3	5.32	-4.0E-9	3.11	2.4E-9	17.8E-9	922.9E-3	578.7E-3	5.39	-4.9E-9
426	3.10	2.7E-9	23.2E-9	923.7E-3	562.9E-3	5.78	-4.3E-9	3.15	3.7E-9	19.8E-9	948.3E-3	574.4E-3	5.84	-4.5E-9

High Temperature Storage
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SN	Initials							340Hr End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSOn 10V	GFS 3.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSOn 10V	GFS 3.5A	IGSS -30V
427	3.03	682.1E-12	16.5E-9	912.1E-3	562.4E-3	5.65	-3.9E-9	3.08	3.3E-9	19.6E-9	935.5E-3	569.9E-3	5.69	-3.0E-9
428	3.12	3.5E-9	15.3E-9	911.9E-3	563.0E-3	5.68	-1.7E-9	3.20	2.2E-9	24.0E-9	924.3E-3	579.5E-3	5.74	-4.0E-9
429	3.06	1.6E-9	16.5E-9	914.3E-3	560.1E-3	5.74	-4.1E-9	3.09	1.0E-9	18.6E-9	923.5E-3	569.1E-3	5.82	-500.8E-12
430	3.00	4.3E-9	20.6E-9	912.9E-3	569.1E-3	5.43	-4.8E-9	3.09	1.8E-9	22.4E-9	931.3E-3	585.4E-3	5.47	-4.0E-9
431	3.05	2.3E-9	15.0E-9	914.8E-3	569.7E-3	5.59	-1.7E-9	3.14	3.4E-9	22.9E-9	940.4E-3	580.5E-3	5.62	-997.8E-12
432	3.00	141.5E-12	18.7E-9	916.9E-3	561.9E-3	5.33	-2.4E-9	3.09	4.9E-9	19.3E-9	929.8E-3	572.4E-3	5.40	-4.6E-9
433	3.16	3.2E-9	18.7E-9	924.3E-3	567.8E-3	5.42	-2.3E-9	3.23	1.7E-9	20.5E-9	949.1E-3	579.3E-3	5.49	-464.5E-12
434	3.12	3.4E-9	19.6E-9	913.9E-3	566.5E-3	5.70	-2.0E-9	3.18	2.8E-9	21.3E-9	927.1E-3	576.5E-3	5.75	-1.5E-9
435	3.18	1.3E-9	22.3E-9	921.9E-3	562.8E-3	5.55	-399.1E-12	3.23	4.4E-9	19.0E-9	942.4E-3	574.3E-3	5.60	-3.0E-9
436	3.02	4.8E-9	20.0E-9	922.3E-3	563.7E-3	5.66	-1.0E-9	3.06	3.7E-9	22.7E-9	936.4E-3	572.6E-3	5.72	-3.9E-9
437	3.12	3.0E-9	21.5E-9	913.9E-3	567.7E-3	5.75	-1.9E-9	3.18	4.2E-9	20.9E-9	937.0E-3	576.4E-3	5.81	-3.7E-9
438	3.01	1.4E-9	21.5E-9	920.7E-3	560.7E-3	5.46	-4.8E-9	3.07	899.7E-12	16.2E-9	933.9E-3	574.0E-3	5.53	-3.3E-9
439	3.18	427.9E-12	24.3E-9	916.6E-3	565.0E-3	5.45	-101.9E-12	3.27	5.0E-9	17.3E-9	930.2E-3	577.7E-3	5.52	-1.3E-9
440	3.12	3.6E-9	23.5E-9	911.9E-3	568.8E-3	5.62	-1.3E-9	3.16	3.9E-9	23.9E-9	936.5E-3	583.6E-3	5.70	-1.8E-9
441	3.14	4.8E-9	18.0E-9	917.7E-3	562.4E-3	5.44	-4.9E-9	3.18	4.9E-9	21.2E-9	928.6E-3	569.3E-3	5.51	-779.2E-12
442	3.07	3.8E-9	22.2E-9	923.9E-3	567.0E-3	5.76	-893.0E-12	3.13	1.9E-9	23.2E-9	943.0E-3	583.7E-3	5.84	-1.6E-9
443	3.08	2.8E-9	24.1E-9	924.7E-3	566.8E-3	5.45	-213.5E-12	3.15	2.7E-9	19.9E-9	934.3E-3	581.3E-3	5.51	-1.0E-9
444	3.10	1.5E-9	16.5E-9	920.9E-3	562.7E-3	5.63	-2.3E-9	3.16	3.9E-9	18.2E-9	936.1E-3	574.4E-3	5.71	-2.5E-9
445	3.06	2.8E-9	15.2E-9	910.4E-3	560.6E-3	5.67	-4.7E-9	3.13	3.6E-9	23.3E-9	921.9E-3	567.1E-3	5.73	-3.3E-9
446	3.17	1.7E-9	17.6E-9	921.2E-3	570.0E-3	5.67	-3.9E-9	3.22	3.9E-9	23.3E-9	945.8E-3	581.0E-3	5.74	-3.8E-9
447	3.14	1.7E-9	22.0E-9	918.8E-3	565.0E-3	5.71	-2.9E-9	3.21	4.9E-9	20.3E-9	928.4E-3	581.6E-3	5.77	-1.1E-9
448	3.04	4.5E-9	18.0E-9	911.0E-3	567.2E-3	5.70	-976.0E-12	3.08	4.9E-9	16.2E-9	933.3E-3	577.5E-3	5.75	-1.7E-9
449	3.11	778.0E-12	25.0E-9	919.4E-3	565.6E-3	5.65	-1.0E-9	3.18	1.5E-9	24.4E-9	937.6E-3	581.8E-3	5.72	-3.2E-9
450	3.10	896.9E-12	15.7E-9	923.9E-3	567.0E-3	5.69	-416.8E-12	3.19	4.1E-9	19.3E-9	949.0E-3	573.7E-3	5.73	-2.9E-9
451	3.19	2.0E-9	21.0E-9	920.8E-3	568.9E-3	5.33	-4.5E-9	3.24	974.2E-12	18.3E-9	941.2E-3	580.6E-3	5.39	-4.8E-9
452	3.17	3.8E-9	24.8E-9	917.9E-3	563.2E-3	5.64	-1.4E-9	3.22	3.2E-9	22.2E-9	939.1E-3	573.0E-3	5.68	-3.2E-9

High Temperature Storage
Mil-Std 750 M 1032, 340hrs, 150°C
Lot 7210

SN	Initials							340Hr End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSOn 10V	GFS 3.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSOn 10V	GFS 3.5A	IGSS -30V
453	3.09	4.3E-9	19.3E-9	915.7E-3	561.5E-3	5.42	-1.7E-9	3.17	2.1E-9	16.7E-9	927.8E-3	573.3E-3	5.47	-2.3E-9
454	3.06	2.7E-9	23.3E-9	917.4E-3	560.2E-3	5.31	-3.5E-9	3.14	1.4E-9	19.6E-9	932.7E-3	570.2E-3	5.37	-2.2E-9
455	3.14	4.1E-9	15.4E-9	915.9E-3	568.5E-3	5.67	-4.8E-9	3.20	942.3E-12	20.1E-9	927.4E-3	579.6E-3	5.72	-4.4E-9
456	3.02	2.5E-9	24.8E-9	923.8E-3	565.9E-3	5.39	-2.5E-9	3.06	3.9E-9	15.8E-9	940.7E-3	580.0E-3	5.46	-4.8E-9
457	3.00	1.5E-9	16.0E-9	918.5E-3	562.4E-3	5.45	-3.6E-9	3.07	3.8E-9	17.5E-9	934.0E-3	575.2E-3	5.50	-2.2E-9
458	3.10	1.5E-9	16.8E-9	924.7E-3	566.9E-3	5.64	-1.3E-9	3.19	893.7E-12	17.4E-9	949.3E-3	574.0E-3	5.72	-213.0E-12
459	3.10	4.3E-9	16.2E-9	912.8E-3	567.1E-3	5.67	-2.1E-9	3.18	4.2E-9	18.8E-9	931.6E-3	577.9E-3	5.73	-4.4E-9
460	3.17	3.8E-9	21.3E-9	917.2E-3	564.9E-3	5.62	-1.4E-9	3.25	1.4E-9	22.6E-9	935.0E-3	580.3E-3	5.69	-323.7E-12
461	3.08	2.1E-9	19.3E-9	913.2E-3	561.1E-3	5.45	-197.1E-12	3.14	70.7E-12	18.1E-9	937.4E-3	568.9E-3	5.52	-2.8E-9
462	3.17	3.3E-9	20.8E-9	911.3E-3	564.2E-3	5.72	-4.9E-9	3.23	2.3E-9	15.5E-9	925.3E-3	576.2E-3	5.76	-497.6E-12
463	3.13	1.9E-9	19.9E-9	914.8E-3	562.8E-3	5.80	-3.9E-9	3.16	3.2E-9	17.4E-9	932.2E-3	577.2E-3	5.84	-571.4E-12
464	3.13	4.5E-9	17.1E-9	921.9E-3	567.2E-3	5.33	-4.6E-9	3.21	258.5E-12	22.8E-9	932.0E-3	581.7E-3	5.38	-3.3E-9
465	3.16	3.7E-9	17.0E-9	920.1E-3	569.4E-3	5.67	-1.6E-9	3.24	1.1E-9	15.7E-9	935.5E-3	577.1E-3	5.72	-3.0E-9
466	3.06	226.4E-12	21.8E-9	918.0E-3	565.4E-3	5.56	-3.2E-9	3.13	507.3E-12	24.7E-9	935.3E-3	574.3E-3	5.63	-2.6E-9
467	3.11	2.8E-9	22.2E-9	913.7E-3	562.0E-3	5.73	-237.1E-12	3.18	2.1E-9	22.8E-9	937.5E-3	573.6E-3	5.78	-244.9E-12
468	3.19	6.6E-12	16.4E-9	925.0E-3	566.9E-3	5.51	-4.9E-9	3.25	2.0E-9	16.8E-9	946.5E-3	573.1E-3	5.53	-736.6E-12
469	3.15	1.1E-9	23.5E-9	917.1E-3	561.4E-3	5.66	-4.7E-9	3.21	3.3E-9	15.7E-9	937.7E-3	576.4E-3	5.73	-3.4E-9
470	3.14	2.2E-9	22.0E-9	911.9E-3	569.6E-3	5.56	-4.2E-9	3.22	3.3E-9	21.2E-9	926.7E-3	581.1E-3	5.61	-3.9E-9
471	3.08	4.1E-9	17.7E-9	911.6E-3	568.7E-3	5.68	-4.4E-9	3.14	2.7E-9	21.5E-9	928.9E-3	583.6E-3	5.73	-2.7E-9
472	3.08	1.0E-9	16.0E-9	924.0E-3	563.0E-3	5.52	-4.2E-9	3.15	4.7E-9	16.6E-9	947.7E-3	579.6E-3	5.55	-716.4E-12
473	3.02	1.2E-9	21.3E-9	921.1E-3	565.5E-3	5.45	-1.8E-9	3.05	4.1E-9	16.2E-9	941.6E-3	575.3E-3	5.48	-4.3E-9
474	3.20	2.9E-9	16.1E-9	921.6E-3	563.4E-3	5.48	-3.7E-9	3.29	1.5E-9	19.2E-9	948.8E-3	571.1E-3	5.54	-2.7E-9
475	3.15	4.2E-9	20.6E-9	916.5E-3	562.8E-3	5.59	-5.0E-9	3.22	4.7E-9	24.0E-9	942.4E-3	577.6E-3	5.66	-2.7E-9
476	3.13	3.3E-9	21.1E-9	924.6E-3	567.3E-3	5.45	-4.5E-9	3.21	3.0E-9	16.2E-9	938.9E-3	584.3E-3	5.50	-1.2E-9
477	3.01	4.8E-9	16.2E-9	920.1E-3	565.2E-3	5.31	-3.8E-9	3.05	917.4E-12	21.7E-9	929.6E-3	579.8E-3	5.35	-2.4E-9

High Temperature Storage
Mil-Std 750 M 1032, 340hrs, 150°C
Lot 7212

SN	Initials							340Hr End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSOn 10V	GFS 3.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSOn 10V	GFS 3.5A	IGSS -30V
721	3.05	71.8E-12	24.3E-9	918.6E-3	561.0E-3	5.50	-183.9E-12	3.13	675.6E-12	16.6E-9	928.8E-3	577.2E-3	5.57	-2.9E-9
722	3.19	1.4E-9	24.2E-9	910.3E-3	562.8E-3	5.72	-569.7E-12	3.26	1.9E-9	21.1E-9	933.5E-3	570.1E-3	5.77	-2.9E-9
723	3.15	2.5E-9	17.2E-9	911.0E-3	561.5E-3	5.64	-2.3E-9	3.20	2.7E-9	15.9E-9	922.1E-3	569.3E-3	5.72	-2.0E-9
724	3.07	4.8E-9	22.8E-9	921.1E-3	567.2E-3	5.66	-644.2E-12	3.13	1.6E-9	24.3E-9	938.4E-3	582.8E-3	5.74	-4.8E-9
725	3.15	3.1E-9	18.7E-9	912.8E-3	563.3E-3	5.50	-3.3E-9	3.24	2.9E-9	22.9E-9	937.0E-3	572.0E-3	5.53	-3.9E-9
726	3.08	1.0E-9	22.8E-9	915.1E-3	563.1E-3	5.71	-540.8E-12	3.16	952.0E-12	15.5E-9	942.5E-3	571.8E-3	5.76	-4.6E-9
727	3.13	112.1E-12	24.9E-9	924.5E-3	563.6E-3	5.59	-4.3E-9	3.18	1.5E-9	22.5E-9	936.4E-3	576.2E-3	5.62	-614.3E-12
728	3.15	2.1E-9	21.2E-9	916.9E-3	566.6E-3	5.40	-1.0E-9	3.25	1.9E-9	17.2E-9	932.7E-3	582.2E-3	5.47	-2.9E-9
729	3.01	747.1E-12	22.9E-9	917.1E-3	568.3E-3	5.31	-1.9E-9	3.09	1.5E-9	20.7E-9	931.7E-3	578.9E-3	5.34	-2.4E-9
730	3.17	1.7E-9	16.2E-9	922.3E-3	564.8E-3	5.54	-1.8E-9	3.24	2.9E-9	23.9E-9	949.4E-3	571.3E-3	5.58	-891.3E-12
731	3.07	2.4E-9	16.9E-9	910.5E-3	568.3E-3	5.79	-4.3E-9	3.10	2.6E-9	23.0E-9	926.8E-3	575.1E-3	5.87	-522.8E-12
732	3.14	3.4E-9	18.2E-9	919.8E-3	566.3E-3	5.80	-1.4E-9	3.22	3.8E-9	23.2E-9	944.1E-3	581.9E-3	5.85	-3.2E-9
733	3.00	4.5E-9	17.6E-9	918.8E-3	569.7E-3	5.71	-440.2E-12	3.09	51.1E-12	18.0E-9	928.1E-3	581.4E-3	5.76	-1.5E-9
734	3.02	3.7E-9	24.4E-9	923.3E-3	569.6E-3	5.65	-2.0E-9	3.08	626.2E-12	18.0E-9	936.6E-3	583.9E-3	5.72	-4.1E-9
735	3.12	2.1E-9	20.2E-9	921.5E-3	565.3E-3	5.71	-604.0E-12	3.18	1.9E-9	21.1E-9	947.6E-3	580.5E-3	5.77	-694.6E-12
736	3.16	959.2E-12	23.0E-9	917.4E-3	566.8E-3	5.44	-2.3E-9	3.23	2.2E-9	21.1E-9	933.6E-3	582.9E-3	5.47	-1.8E-9
737	3.03	172.7E-12	23.7E-9	924.4E-3	560.8E-3	5.78	-153.8E-12	3.12	288.8E-12	19.7E-9	950.9E-3	566.8E-3	5.81	-3.2E-9
738	3.04	2.1E-9	22.7E-9	920.5E-3	564.7E-3	5.31	-2.1E-9	3.08	1.8E-9	18.1E-9	940.4E-3	580.1E-3	5.34	-1.8E-9
739	3.19	4.0E-9	21.5E-9	923.3E-3	561.3E-3	5.50	-4.9E-9	3.26	3.7E-9	16.9E-9	950.5E-3	569.5E-3	5.56	-4.1E-9
740	3.05	1.3E-9	19.2E-9	912.4E-3	568.3E-3	5.35	-3.6E-9	3.14	2.9E-9	16.7E-9	922.0E-3	574.7E-3	5.43	-2.2E-9
741	3.02	4.7E-9	19.9E-9	911.5E-3	560.1E-3	5.76	-2.2E-9	3.08	680.3E-12	22.3E-9	935.8E-3	573.6E-3	5.83	-209.3E-12
742	3.18	1.6E-9	15.1E-9	920.7E-3	562.7E-3	5.44	-908.2E-12	3.23	2.6E-9	19.9E-9	944.1E-3	569.0E-3	5.49	-816.3E-12
743	3.16	832.3E-12	18.0E-9	921.6E-3	568.2E-3	5.44	-2.5E-9	3.19	2.3E-9	20.0E-9	945.1E-3	583.0E-3	5.49	-1.5E-9
744	3.03	333.4E-12	24.4E-9	914.1E-3	561.6E-3	5.69	-274.8E-12	3.10	2.4E-9	18.7E-9	926.8E-3	568.6E-3	5.74	-2.3E-9
745	3.18	4.3E-9	19.1E-9	918.0E-3	563.3E-3	5.32	-610.5E-12	3.27	1.7E-9	22.1E-9	942.4E-3	573.2E-3	5.39	-3.5E-9
746	3.01	3.3E-9	17.0E-9	923.7E-3	563.0E-3	5.75	-4.1E-9	3.04	1.9E-9	20.3E-9	937.6E-3	572.6E-3	5.83	-4.6E-9

High Temperature Storage
Mil-Std 750 M 1032, 340hrs, 150°C
Lot 7212

SN	Initials							340Hr End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSOn 10V	GFS 3.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSOn 10V	GFS 3.5A	IGSS -30V
747	3.03	630.1E-12	15.7E-9	913.8E-3	562.1E-3	5.38	-3.7E-9	3.06	3.6E-9	22.0E-9	935.6E-3	570.3E-3	5.41	-2.2E-9
748	3.10	3.4E-9	19.0E-9	913.3E-3	566.2E-3	5.62	-3.7E-9	3.16	773.4E-12	15.2E-9	940.5E-3	575.6E-3	5.69	-2.4E-9
749	3.17	66.9E-12	17.0E-9	917.1E-3	563.9E-3	5.55	-4.7E-9	3.21	62.8E-12	16.3E-9	936.7E-3	571.5E-3	5.63	-4.1E-9
750	3.15	1.3E-9	24.2E-9	913.1E-3	568.5E-3	5.48	-2.4E-9	3.25	4.7E-9	20.7E-9	934.4E-3	581.1E-3	5.52	-3.7E-9
751	3.18	3.4E-9	20.6E-9	913.5E-3	561.0E-3	5.36	-4.4E-9	3.24	1.1E-9	20.4E-9	926.6E-3	576.3E-3	5.44	-122.3E-12
752	3.20	3.0E-9	21.3E-9	919.0E-3	564.4E-3	5.59	-1.4E-9	3.26	3.8E-9	22.1E-9	940.8E-3	577.8E-3	5.68	-4.6E-9
753	3.05	2.4E-9	20.4E-9	915.0E-3	565.4E-3	5.46	-1.7E-9	3.13	4.2E-9	19.5E-9	929.1E-3	579.4E-3	5.52	-1.7E-9
754	3.13	2.1E-9	24.3E-9	918.4E-3	567.8E-3	5.60	-4.5E-9	3.19	1.0E-9	18.8E-9	943.5E-3	578.1E-3	5.68	-4.8E-9
755	3.06	21.8E-12	17.5E-9	919.6E-3	562.9E-3	5.76	-742.3E-12	3.14	3.9E-9	17.1E-9	941.4E-3	572.1E-3	5.81	-3.0E-9
756	3.07	1.7E-9	23.8E-9	918.8E-3	564.8E-3	5.40	-1.3E-9	3.11	3.0E-9	23.7E-9	930.4E-3	572.4E-3	5.46	-4.1E-9
757	3.06	2.1E-9	15.7E-9	915.3E-3	568.1E-3	5.41	-1.7E-9	3.12	977.0E-12	22.7E-9	932.1E-3	574.1E-3	5.46	-2.5E-9
758	3.01	3.2E-9	19.3E-9	911.4E-3	561.5E-3	5.56	-3.7E-9	3.08	910.0E-12	19.6E-9	932.0E-3	574.4E-3	5.59	-2.0E-9
759	3.18	648.4E-12	23.9E-9	916.4E-3	567.8E-3	5.35	-309.1E-12	3.22	1.6E-9	19.3E-9	938.8E-3	575.7E-3	5.41	-1.5E-9
760	3.03	2.9E-9	21.5E-9	924.9E-3	566.5E-3	5.36	-3.3E-9	3.08	1.0E-9	21.2E-9	946.7E-3	582.7E-3	5.41	-4.4E-9
761	3.10	2.5E-9	16.2E-9	912.8E-3	560.8E-3	5.37	-3.8E-9	3.17	3.6E-9	21.0E-9	926.2E-3	577.1E-3	5.43	-3.5E-9
762	3.16	1.8E-9	19.8E-9	910.1E-3	560.6E-3	5.50	-3.0E-9	3.22	3.9E-9	20.4E-9	927.9E-3	573.7E-3	5.54	-345.4E-12
763	3.19	432.5E-12	20.9E-9	910.1E-3	568.1E-3	5.76	-4.5E-9	3.25	2.0E-9	23.7E-9	934.0E-3	581.1E-3	5.80	-3.7E-9
764	3.00	611.2E-12	17.5E-9	914.9E-3	567.6E-3	5.80	-1.6E-9	3.07	4.1E-9	24.2E-9	927.7E-3	583.2E-3	5.85	-4.7E-9
765	3.08	890.3E-12	19.9E-9	910.5E-3	566.8E-3	5.68	-752.7E-12	3.13	4.7E-9	18.5E-9	921.4E-3	579.8E-3	5.73	-1.1E-9
766	3.07	332.5E-12	23.3E-9	912.4E-3	561.1E-3	5.46	-2.0E-9	3.15	3.7E-9	22.1E-9	935.2E-3	567.1E-3	5.50	-2.7E-9
767	3.15	962.8E-12	23.0E-9	917.2E-3	561.8E-3	5.53	-648.2E-12	3.21	3.0E-9	22.7E-9	934.1E-3	578.0E-3	5.62	-4.7E-9
768	3.01	3.0E-9	22.3E-9	911.4E-3	563.4E-3	5.57	-2.8E-9	3.06	4.4E-9	15.9E-9	931.4E-3	572.4E-3	5.59	-4.6E-9
769	3.11	1.4E-9	21.2E-9	920.7E-3	568.9E-3	5.78	-3.0E-9	3.19	2.0E-9	16.5E-9	939.2E-3	579.9E-3	5.83	-3.7E-9
770	3.06	3.9E-9	24.9E-9	921.3E-3	567.8E-3	5.48	-1.6E-9	3.12	2.3E-9	24.7E-9	937.9E-3	576.7E-3	5.53	-2.9E-9
771	3.13	16.6E-12	21.4E-9	923.5E-3	561.0E-3	5.36	-4.0E-9	3.16	1.5E-9	21.6E-9	937.9E-3	567.9E-3	5.40	-2.5E-9
772	3.15	760.5E-12	16.1E-9	924.5E-3	568.9E-3	5.32	-4.9E-9	3.21	2.3E-9	19.9E-9	940.6E-3	580.9E-3	5.38	-1.6E-9

High Temperature Storage
Mil-Std 750 M 1032, 340hrs, 150°C
Lot 7212

SN	Initials							340Hr End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSOn 10V	GFS 3.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSOn 10V	GFS 3.5A	IGSS -30V
773	3.18	3.6E-9	17.0E-9	915.9E-3	568.2E-3	5.45	-735.8E-12	3.23	1.8E-9	21.2E-9	939.5E-3	574.1E-3	5.51	-3.4E-9
774	3.19	2.6E-9	24.5E-9	918.8E-3	560.2E-3	5.48	-2.0E-9	3.27	4.8E-9	22.8E-9	944.3E-3	568.4E-3	5.53	-5.0E-9
775	3.13	3.3E-9	19.1E-9	912.7E-3	564.7E-3	5.35	-347.8E-12	3.16	3.9E-9	19.6E-9	932.8E-3	572.8E-3	5.38	-4.0E-9
776	3.08	2.8E-9	21.2E-9	913.7E-3	568.6E-3	5.66	-2.1E-9	3.17	1.4E-9	24.9E-9	928.1E-3	580.3E-3	5.69	-4.7E-9
777	3.10	1.3E-9	15.7E-9	912.9E-3	569.4E-3	5.32	-3.8E-9	3.16	2.3E-9	18.1E-9	929.0E-3	583.1E-3	5.39	-1.2E-9
778	3.00	3.7E-9	21.7E-9	921.8E-3	564.3E-3	5.39	-98.9E-12	3.09	1.7E-9	24.6E-9	943.2E-3	570.0E-3	5.47	-1.4E-9
779	3.05	2.8E-9	23.8E-9	910.0E-3	563.0E-3	5.34	-3.1E-9	3.12	4.4E-9	20.3E-9	937.1E-3	577.1E-3	5.41	-1.4E-9
780	3.02	4.3E-9	21.0E-9	915.6E-3	566.9E-3	5.38	-3.2E-9	3.07	1.1E-9	23.9E-9	927.6E-3	575.9E-3	5.41	-4.5E-9
781	3.02	2.5E-9	20.3E-9	914.7E-3	568.3E-3	5.56	-1.5E-9	3.06	1.6E-9	17.9E-9	931.9E-3	582.0E-3	5.59	-3.3E-9
782	3.17	3.2E-9	24.7E-9	915.6E-3	563.2E-3	5.72	-4.9E-9	3.23	4.3E-9	15.5E-9	926.4E-3	574.4E-3	5.75	-4.2E-9
783	3.10	4.4E-9	23.2E-9	914.8E-3	564.6E-3	5.59	-2.7E-9	3.14	4.1E-9	23.4E-9	933.7E-3	575.5E-3	5.64	-2.4E-9
784	3.07	2.3E-9	19.2E-9	914.3E-3	567.6E-3	5.45	-3.8E-9	3.12	4.7E-9	16.7E-9	929.2E-3	576.7E-3	5.52	-2.7E-9
785	3.17	3.3E-9	18.8E-9	914.1E-3	563.2E-3	5.41	-2.4E-9	3.22	1.0E-9	17.8E-9	927.3E-3	578.6E-3	5.48	-1.3E-9
786	3.09	2.2E-9	19.3E-9	914.1E-3	569.1E-3	5.53	-1.6E-9	3.18	1.7E-9	23.1E-9	926.4E-3	576.7E-3	5.57	-1.9E-9
787	3.06	3.0E-9	23.1E-9	913.1E-3	560.5E-3	5.57	-4.1E-9	3.11	3.3E-9	20.2E-9	932.0E-3	569.6E-3	5.61	-1.4E-9
788	3.04	5.0E-9	20.4E-9	913.8E-3	565.6E-3	5.50	-3.3E-9	3.12	923.1E-12	19.1E-9	934.4E-3	575.5E-3	5.58	-4.4E-9
789	3.12	1.1E-9	16.3E-9	914.7E-3	565.1E-3	5.46	-4.1E-9	3.21	319.2E-12	19.2E-9	930.7E-3	579.0E-3	5.52	-3.8E-9
790	3.02	813.4E-12	22.0E-9	918.9E-3	562.4E-3	5.52	-2.6E-9	3.07	1.5E-9	18.1E-9	931.7E-3	578.1E-3	5.58	-884.6E-12
791	3.13	3.7E-9	19.5E-9	917.1E-3	563.1E-3	5.56	-2.0E-9	3.21	532.3E-12	15.9E-9	932.2E-3	568.8E-3	5.60	-177.1E-12
792	3.19	4.0E-9	21.4E-9	916.4E-3	563.0E-3	5.72	-3.5E-9	3.22	3.8E-9	15.2E-9	940.3E-3	569.7E-3	5.75	-2.4E-9
793	3.07	3.2E-9	17.2E-9	911.2E-3	562.4E-3	5.80	-2.8E-9	3.13	1.8E-9	15.2E-9	930.9E-3	570.2E-3	5.86	-4.7E-9
794	3.07	3.7E-9	17.0E-9	923.6E-3	562.2E-3	5.71	-2.4E-9	3.12	4.1E-9	22.6E-9	948.0E-3	568.7E-3	5.75	-1.2E-9
795	3.08	4.0E-9	18.3E-9	919.7E-3	565.2E-3	5.75	-2.8E-9	3.15	862.5E-12	19.0E-9	934.3E-3	577.6E-3	5.81	-2.8E-9
796	3.16	1.7E-9	15.5E-9	912.3E-3	565.3E-3	5.42	-3.8E-9	3.20	2.6E-9	16.6E-9	938.0E-3	572.0E-3	5.47	-2.7E-9
797	3.08	1.1E-9	24.9E-9	921.8E-3	560.9E-3	5.59	-182.9E-12	3.15	5.0E-9	24.1E-9	940.4E-3	573.1E-3	5.67	-2.2E-9

Steady State Gate Bias

HTGB (Steady State +ve Gate Bias)

Steady State Gate Bias
Mil-Std 750 M 1042-B, 1000hrs, VGS= 24V, 150°C
Lot 7103

SN	Initials							168Hr End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSON 10V	GFS 3.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSON 10V	GFS 3.5A	IGSS -30V
161	3.07	4.5E-9	16.6E-9	921.7E-3	523.2E-3	5.45	-4.6E-9	3.15	3.5E-9	18.3E-9	937.1E-3	536.0E-3	5.50	-3.2E-9
162	3.14	4.2E-9	20.0E-9	921.4E-3	524.5E-3	5.32	-1.4E-9	3.19	2.8E-9	23.7E-9	930.6E-3	530.7E-3	5.39	-1.7E-9
163	3.06	4.7E-9	16.5E-9	916.9E-3	527.1E-3	5.76	-4.4E-9	3.15	4.1E-9	18.2E-9	937.1E-3	538.6E-3	5.82	-2.6E-9
164	3.18	453.7E-12	19.9E-9	917.2E-3	526.7E-3	5.62	-494.8E-12	3.22	1.0E-9	17.4E-9	932.5E-3	541.9E-3	5.69	-116.3E-12
165	3.01	1.6E-9	15.7E-9	913.8E-3	526.9E-3	5.57	-1.4E-9	3.09	3.8E-9	21.6E-9	927.4E-3	542.5E-3	5.61	-2.1E-9
166	3.16	117.9E-12	21.3E-9	910.2E-3	526.5E-3	5.44	-1.2E-9	3.21	2.4E-9	20.3E-9	924.1E-3	532.8E-3	5.51	-1.3E-9
167	3.12	3.5E-9	24.0E-9	917.6E-3	526.6E-3	5.43	-4.4E-9	3.19	450.3E-12	19.5E-9	942.4E-3	540.2E-3	5.49	-3.6E-9
168	3.09	2.7E-9	15.5E-9	920.5E-3	526.0E-3	5.70	-1.9E-9	3.17	342.8E-12	20.8E-9	938.4E-3	533.9E-3	5.75	-1.0E-9
169	3.05	1.5E-9	20.3E-9	917.8E-3	521.5E-3	5.36	-1.6E-9	3.11	1.9E-9	18.4E-9	945.0E-3	527.5E-3	5.40	-89.8E-12
170	3.09	4.4E-9	21.8E-9	913.6E-3	528.4E-3	5.63	-959.5E-12	3.16	3.0E-9	18.6E-9	926.1E-3	538.2E-3	5.70	-3.9E-9
171	3.03	4.0E-9	24.8E-9	920.7E-3	527.3E-3	5.76	-971.4E-12	3.10	1.1E-9	24.6E-9	930.6E-3	537.0E-3	5.81	-3.6E-9
172	3.12	4.0E-9	22.5E-9	911.0E-3	528.9E-3	5.68	-2.3E-9	3.19	3.1E-9	19.2E-9	930.0E-3	538.9E-3	5.74	-2.9E-9
173	3.02	940.2E-12	24.8E-9	922.9E-3	526.4E-3	5.33	-3.2E-9	3.07	2.7E-9	18.4E-9	950.2E-3	537.0E-3	5.37	-3.6E-9
174	3.13	4.1E-9	21.4E-9	919.3E-3	529.2E-3	5.79	-492.1E-12	3.17	2.0E-9	21.2E-9	930.9E-3	538.3E-3	5.83	-1.5E-9
175	3.08	2.8E-9	20.1E-9	919.2E-3	520.1E-3	5.75	-4.2E-9	3.14	1.2E-9	16.6E-9	935.2E-3	532.8E-3	5.80	-2.7E-9
176	3.04	1.2E-9	16.7E-9	920.6E-3	527.7E-3	5.80	-3.8E-9	3.08	2.8E-9	19.2E-9	942.7E-3	538.8E-3	5.83	-1.2E-9
177	3.10	171.9E-12	23.1E-9	918.7E-3	520.7E-3	5.42	-4.3E-9	3.15	87.7E-12	15.7E-9	930.5E-3	536.0E-3	5.47	-829.2E-12
178	3.17	3.9E-9	17.9E-9	910.2E-3	527.6E-3	5.35	-357.9E-12	3.26	1.8E-9	15.1E-9	926.4E-3	542.6E-3	5.43	-4.3E-9
179	3.01	1.4E-9	17.6E-9	912.2E-3	522.5E-3	5.57	-4.9E-9	3.08	4.0E-9	18.5E-9	927.8E-3	528.4E-3	5.63	-193.6E-12
180	3.15	4.9E-9	22.5E-9	915.1E-3	526.1E-3	5.73	-4.8E-9	3.21	2.5E-9	16.1E-9	942.0E-3	540.8E-3	5.79	-1.6E-9
181	3.07	3.8E-9	23.7E-9	921.9E-3	523.2E-3	5.39	-2.5E-9	3.11	417.4E-12	19.3E-9	937.0E-3	528.4E-3	5.44	-2.0E-9
182	3.01	4.4E-9	17.8E-9	922.2E-3	525.9E-3	5.56	-701.0E-12	3.07	3.1E-9	24.4E-9	942.3E-3	540.3E-3	5.62	-2.0E-9
183	3.13	1.0E-9	15.4E-9	913.6E-3	523.5E-3	5.61	-2.0E-9	3.18	4.6E-9	20.9E-9	930.9E-3	538.5E-3	5.66	-1.3E-9
184	3.17	1.5E-9	15.3E-9	918.3E-3	529.8E-3	5.52	-1.4E-9	3.25	2.8E-9	16.4E-9	933.6E-3	545.1E-3	5.58	-753.1E-12
185	3.12	2.0E-9	15.1E-9	922.3E-3	527.0E-3	5.48	-2.1E-9	3.17	3.3E-9	16.8E-9	935.8E-3	539.2E-3	5.52	-2.1E-9
186	3.19	884.0E-12	22.0E-9	921.8E-3	521.4E-3	5.79	-835.9E-12	3.26	451.9E-12	15.8E-9	938.8E-3	532.7E-3	5.86	-4.5E-9

Steady State Gate Bias
Mil-Std 750 M 1042-B, 1000hrs, VGS= 24V, 150°C
Lot 7103

SN	Initials							168Hr End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSON 10V	GFS 3.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSON 10V	GFS 3.5A	IGSS -30V
187	3.12	2.0E-9	19.9E-9	915.4E-3	524.6E-3	5.31	-1.4E-9	3.18	3.3E-9	21.2E-9	930.9E-3	539.7E-3	5.38	-1.9E-9
188	3.02	2.6E-9	18.1E-9	922.1E-3	528.1E-3	5.74	-1.0E-9	3.10	1.7E-9	22.7E-9	949.4E-3	538.2E-3	5.81	-4.0E-9
189	3.04	297.4E-12	19.8E-9	913.8E-3	520.4E-3	5.34	-2.4E-9	3.10	795.0E-12	17.4E-9	932.4E-3	526.7E-3	5.37	-3.3E-9
190	3.18	4.2E-9	21.2E-9	913.4E-3	526.9E-3	5.48	-4.2E-9	3.27	4.3E-9	19.2E-9	937.2E-3	533.3E-3	5.54	-2.2E-9
191	3.15	3.5E-9	22.5E-9	917.5E-3	525.8E-3	5.72	-670.5E-12	3.23	3.0E-9	19.9E-9	936.7E-3	537.4E-3	5.80	-2.7E-9
192	3.20	965.1E-12	21.8E-9	923.7E-3	524.6E-3	5.47	-3.6E-9	3.27	2.5E-9	24.6E-9	935.0E-3	536.3E-3	5.53	-4.4E-9
193	3.02	872.3E-12	24.6E-9	923.6E-3	527.7E-3	5.46	-3.4E-9	3.11	4.2E-9	17.5E-9	946.7E-3	537.1E-3	5.51	-2.6E-9
194	3.19	1.9E-9	16.0E-9	918.9E-3	523.9E-3	5.38	-2.6E-9	3.29	4.5E-9	21.9E-9	931.9E-3	535.6E-3	5.41	-3.5E-9
195	3.07	1.8E-9	15.3E-9	918.2E-3	521.8E-3	5.78	-793.6E-12	3.11	4.8E-9	16.5E-9	943.0E-3	534.2E-3	5.82	-4.7E-9
196	3.02	4.0E-9	15.6E-9	915.2E-3	525.0E-3	5.44	-113.7E-12	3.07	4.0E-9	23.6E-9	925.9E-3	530.6E-3	5.51	-2.3E-9
197	3.04	4.7E-9	23.9E-9	918.8E-3	524.2E-3	5.72	-1.2E-9	3.09	1.3E-9	22.7E-9	939.7E-3	539.3E-3	5.79	-3.9E-9
198	3.07	3.9E-9	20.8E-9	911.5E-3	527.0E-3	5.79	-2.2E-9	3.15	825.5E-12	18.5E-9	936.8E-3	542.5E-3	5.85	-1.3E-9
199	3.14	2.8E-9	23.1E-9	914.6E-3	526.9E-3	5.45	-718.6E-12	3.21	2.8E-9	22.6E-9	930.9E-3	541.9E-3	5.50	-2.5E-9
200	3.16	1.8E-9	21.8E-9	917.5E-3	521.3E-3	5.68	-739.0E-12	3.25	1.8E-9	22.9E-9	940.9E-3	532.5E-3	5.71	-3.1E-9
201	3.12	814.5E-12	24.2E-9	913.4E-3	525.0E-3	5.60	-3.5E-9	3.18	789.3E-12	24.9E-9	929.9E-3	540.1E-3	5.68	-761.3E-12
202	3.18	2.2E-9	21.8E-9	917.7E-3	523.0E-3	5.64	-4.2E-9	3.23	310.1E-12	16.4E-9	942.7E-3	536.9E-3	5.71	-4.3E-9
203	3.19	4.7E-9	22.5E-9	913.8E-3	520.5E-3	5.76	-4.0E-9	3.26	4.3E-9	24.9E-9	934.4E-3	526.5E-3	5.81	-4.8E-9
204	3.09	3.6E-9	16.6E-9	922.9E-3	524.1E-3	5.33	-3.1E-9	3.17	2.6E-9	23.2E-9	935.7E-3	535.8E-3	5.38	-4.9E-9
205	3.05	822.1E-12	17.7E-9	917.4E-3	521.6E-3	5.71	-3.0E-9	3.11	4.6E-9	22.4E-9	936.1E-3	533.3E-3	5.79	-4.9E-9
206	3.04	2.3E-9	18.3E-9	921.1E-3	527.3E-3	5.59	-1.7E-9	3.12	378.6E-12	18.2E-9	937.5E-3	537.4E-3	5.65	-1.2E-9
207	3.05	980.0E-12	16.9E-9	919.7E-3	528.9E-3	5.31	-4.7E-9	3.09	2.1E-9	23.6E-9	941.8E-3	544.7E-3	5.38	-1.3E-9
208	3.17	1.8E-9	19.4E-9	919.7E-3	523.9E-3	5.48	-4.9E-9	3.22	4.8E-9	15.4E-9	932.5E-3	532.8E-3	5.53	-4.1E-9
209	3.11	597.5E-12	19.2E-9	915.0E-3	527.8E-3	5.72	-3.8E-9	3.17	2.3E-9	19.9E-9	934.4E-3	538.6E-3	5.78	-2.7E-9
210	3.10	780.3E-12	21.0E-9	923.2E-3	520.2E-3	5.70	-290.7E-12	3.19	608.6E-12	23.0E-9	945.8E-3	535.2E-3	5.75	-103.5E-12
211	3.04	3.6E-9	22.3E-9	913.3E-3	527.7E-3	5.44	-1.1E-9	3.12	4.6E-9	22.9E-9	924.8E-3	536.3E-3	5.47	-1.5E-9
212	3.14	659.7E-12	20.0E-9	920.4E-3	522.4E-3	5.34	-2.6E-9	3.23	1.4E-9	17.6E-9	932.6E-3	535.9E-3	5.38	-1.9E-9

Steady State Gate Bias
Mil-Std 750 M 1042-B, 1000hrs, VGS= 24V, 150°C
Lot 7103

SN	Initials							168Hr End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSON 10V	GFS 3.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSON 10V	GFS 3.5A	IGSS -30V
213	3.01	1.5E-9	24.7E-9	911.6E-3	521.0E-3	5.66	-3.1E-9	3.09	2.8E-9	15.9E-9	935.5E-3	531.5E-3	5.71	-4.0E-9
214	3.18	1.2E-9	20.1E-9	923.8E-3	522.1E-3	5.64	-935.9E-12	3.22	3.9E-9	16.2E-9	950.2E-3	537.4E-3	5.72	-4.4E-9
215	3.06	3.7E-9	21.0E-9	916.5E-3	526.1E-3	5.77	-2.8E-9	3.14	1.8E-9	24.7E-9	934.8E-3	540.5E-3	5.80	-393.1E-12
216	3.05	819.0E-12	15.1E-9	921.2E-3	527.6E-3	5.58	-2.8E-9	3.10	747.2E-12	21.5E-9	931.0E-3	542.9E-3	5.66	-1.3E-9
217	3.07	65.9E-12	16.9E-9	913.4E-3	529.8E-3	5.46	-3.8E-9	3.14	3.5E-9	18.3E-9	923.4E-3	542.1E-3	5.50	-650.6E-12
218	3.03	4.0E-9	23.4E-9	914.9E-3	523.9E-3	5.72	-1.1E-9	3.10	36.6E-12	20.1E-9	940.1E-3	532.8E-3	5.80	-1.9E-9
219	3.05	4.8E-9	15.5E-9	918.0E-3	524.0E-3	5.79	-4.5E-9	3.13	3.5E-9	21.2E-9	937.2E-3	529.9E-3	5.84	-2.6E-9
220	3.16	245.6E-12	24.9E-9	921.4E-3	526.6E-3	5.79	-815.9E-12	3.21	3.8E-9	19.7E-9	939.3E-3	535.2E-3	5.85	-3.2E-9
221	3.02	4.8E-9	21.6E-9	910.8E-3	527.5E-3	5.66	-3.2E-9	3.10	4.2E-9	20.7E-9	928.2E-3	540.4E-3	5.74	-1.6E-9
222	3.19	2.9E-9	22.4E-9	910.8E-3	522.4E-3	5.59	-3.5E-9	3.24	2.2E-9	23.6E-9	934.7E-3	531.6E-3	5.67	-3.0E-9
223	3.19	706.0E-12	24.9E-9	916.7E-3	525.3E-3	5.67	-154.3E-12	3.28	2.9E-9	15.8E-9	939.2E-3	537.3E-3	5.70	-3.7E-9
224	3.11	3.7E-9	22.5E-9	917.0E-3	523.9E-3	5.67	-1.2E-9	3.18	2.3E-9	19.9E-9	928.0E-3	536.3E-3	5.70	-4.2E-9
225	3.18	4.8E-9	18.7E-9	920.7E-3	520.9E-3	5.31	-3.1E-9	3.26	3.7E-9	24.8E-9	942.8E-3	532.7E-3	5.35	-808.9E-12
226	3.12	1.8E-9	19.4E-9	915.6E-3	526.3E-3	5.38	-3.5E-9	3.18	4.8E-9	16.0E-9	934.1E-3	539.2E-3	5.42	-742.2E-12
227	3.03	948.7E-12	20.1E-9	921.2E-3	520.2E-3	5.44	-65.2E-12	3.12	3.9E-9	22.4E-9	931.4E-3	530.0E-3	5.47	-1.1E-9
228	3.10	4.8E-9	18.1E-9	919.5E-3	524.6E-3	5.31	-624.3E-12	3.17	3.0E-9	22.0E-9	937.0E-3	536.2E-3	5.37	-4.5E-9
229	3.15	2.8E-9	16.9E-9	921.8E-3	525.6E-3	5.72	-39.9E-12	3.20	611.6E-12	20.4E-9	948.2E-3	533.7E-3	5.79	-4.0E-9
230	3.10	3.5E-9	17.6E-9	915.2E-3	528.9E-3	5.62	-2.0E-9	3.17	4.5E-9	24.0E-9	929.0E-3	538.0E-3	5.69	-1.8E-9
231	3.06	1.8E-9	23.8E-9	919.3E-3	522.8E-3	5.78	-3.5E-9	3.15	1.9E-9	21.2E-9	930.5E-3	529.6E-3	5.86	-59.2E-12
232	3.15	174.4E-12	22.5E-9	919.4E-3	525.0E-3	5.73	-2.0E-9	3.24	634.5E-12	17.0E-9	933.2E-3	530.6E-3	5.81	-1.4E-9
233	3.17	1.7E-9	16.4E-9	921.8E-3	527.1E-3	5.67	-4.1E-9	3.21	4.6E-9	23.6E-9	936.9E-3	535.8E-3	5.75	-1.7E-9
234	3.17	415.7E-12	23.0E-9	924.6E-3	521.5E-3	5.51	-3.8E-9	3.23	4.5E-9	15.3E-9	945.1E-3	527.0E-3	5.54	-3.1E-9
235	3.04	2.3E-9	20.0E-9	915.1E-3	528.5E-3	5.72	-2.6E-9	3.11	71.1E-12	22.6E-9	940.8E-3	535.8E-3	5.80	-310.7E-12
236	3.04	430.9E-12	23.8E-9	914.7E-3	521.1E-3	5.71	-1.9E-9	3.08	1.3E-9	21.9E-9	941.3E-3	526.7E-3	5.75	-2.5E-9
237	3.11	1.2E-9	20.7E-9	913.1E-3	528.1E-3	5.46	-1.5E-9	3.15	110.1E-12	22.1E-9	927.2E-3	543.5E-3	5.51	-4.6E-9

Steady State Gate Bias
Mil-Std 750 M 1042-B, 1000hrs, VGS= 24V, 150°C
Lot 7210

SN	Initials							168Hr End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSON 10V	GFS 3.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSON 10V	GFS 3.5A	IGSS -30V
483	3.20	2.0E-9	19.3E-9	921.1E-3	525.7E-3	5.44	-459.5E-12	3.24	2.9E-9	23.7E-9	931.2E-3	533.1E-3	5.51	-445.7E-12
484	3.00	3.4E-9	18.2E-9	919.4E-3	525.9E-3	5.57	-766.1E-12	3.04	3.7E-9	19.3E-9	940.1E-3	533.6E-3	5.60	-3.0E-9
485	3.20	3.2E-9	15.7E-9	919.7E-3	522.8E-3	5.33	-2.9E-9	3.28	4.0E-9	22.2E-9	942.6E-3	535.1E-3	5.37	-3.6E-9
486	3.04	2.0E-9	19.4E-9	918.2E-3	521.1E-3	5.30	-1.9E-9	3.13	643.0E-12	21.3E-9	930.8E-3	527.0E-3	5.35	-140.6E-12
487	3.16	4.3E-9	24.6E-9	916.3E-3	529.0E-3	5.53	-3.6E-9	3.22	3.2E-9	22.8E-9	935.9E-3	536.7E-3	5.57	-3.7E-9
488	3.04	4.7E-9	16.3E-9	915.3E-3	520.7E-3	5.37	-4.5E-9	3.11	2.4E-9	16.6E-9	931.1E-3	533.3E-3	5.45	-2.8E-9
489	3.06	761.7E-12	20.0E-9	923.2E-3	521.0E-3	5.33	-1.6E-9	3.11	4.4E-9	15.3E-9	939.3E-3	528.8E-3	5.37	-4.4E-9
490	3.18	4.4E-9	20.5E-9	923.4E-3	525.2E-3	5.57	-1.3E-9	3.27	1.1E-9	20.1E-9	937.4E-3	540.1E-3	5.63	-2.6E-9
491	3.06	3.1E-9	17.1E-9	914.2E-3	528.8E-3	5.53	-456.8E-12	3.13	605.2E-12	15.3E-9	925.1E-3	538.7E-3	5.60	-906.8E-12
492	3.06	547.1E-12	22.8E-9	919.7E-3	529.1E-3	5.45	-1.1E-9	3.15	217.2E-12	21.3E-9	944.7E-3	539.0E-3	5.53	-4.7E-9
493	3.14	1.6E-9	17.6E-9	916.5E-3	527.5E-3	5.51	-3.5E-9	3.23	2.6E-9	24.1E-9	937.6E-3	533.8E-3	5.58	-3.2E-9
494	3.12	779.3E-12	18.2E-9	913.0E-3	528.3E-3	5.60	-4.2E-9	3.21	889.9E-12	24.2E-9	927.5E-3	537.8E-3	5.63	-2.2E-9
495	3.11	4.2E-9	19.2E-9	922.1E-3	529.6E-3	5.47	-3.2E-9	3.17	3.3E-9	16.0E-9	934.6E-3	536.3E-3	5.55	-950.4E-12
496	3.13	1.3E-9	20.2E-9	911.1E-3	522.8E-3	5.56	-2.3E-9	3.21	4.9E-9	22.2E-9	925.5E-3	530.4E-3	5.62	-4.4E-9
497	3.15	4.9E-9	20.6E-9	914.6E-3	523.1E-3	5.33	-1.6E-9	3.23	3.0E-9	15.6E-9	935.5E-3	538.4E-3	5.40	-3.6E-9
498	3.05	583.3E-12	22.9E-9	913.7E-3	526.6E-3	5.70	-3.3E-9	3.13	1.0E-9	19.5E-9	929.6E-3	542.2E-3	5.74	-3.0E-9
499	3.08	3.4E-9	16.4E-9	911.6E-3	520.1E-3	5.66	-2.0E-9	3.12	410.1E-12	23.2E-9	932.6E-3	525.9E-3	5.72	-1.6E-9
500	3.13	1.0E-9	20.7E-9	917.9E-3	529.2E-3	5.38	-4.6E-9	3.20	1.7E-9	15.2E-9	942.1E-3	537.1E-3	5.45	-2.4E-9
501	3.06	4.0E-9	20.0E-9	920.0E-3	522.5E-3	5.60	-3.9E-9	3.14	1.0E-9	20.2E-9	944.4E-3	533.9E-3	5.63	-720.3E-12
502	3.10	2.3E-9	19.1E-9	910.7E-3	525.6E-3	5.67	-4.8E-9	3.14	179.6E-12	20.2E-9	922.5E-3	532.7E-3	5.72	-3.9E-9
503	3.08	724.5E-12	24.0E-9	917.2E-3	529.3E-3	5.74	-3.6E-9	3.15	409.9E-12	16.8E-9	928.6E-3	543.1E-3	5.77	-4.2E-9
504	3.12	3.0E-9	17.3E-9	921.0E-3	522.6E-3	5.51	-878.8E-12	3.15	4.3E-9	16.6E-9	944.7E-3	528.5E-3	5.57	-3.6E-9
505	3.02	4.5E-9	21.2E-9	911.2E-3	529.9E-3	5.48	-4.4E-9	3.10	725.3E-12	17.8E-9	920.8E-3	538.6E-3	5.51	-548.6E-12
506	3.17	3.8E-9	20.6E-9	913.7E-3	525.1E-3	5.38	-1.7E-9	3.22	982.1E-12	20.4E-9	932.5E-3	536.6E-3	5.46	-3.4E-9
507	3.16	1.1E-9	22.0E-9	920.9E-3	520.6E-3	5.46	-2.3E-9	3.22	3.1E-9	17.9E-9	947.3E-3	528.1E-3	5.49	-444.5E-12
508	3.02	2.2E-9	24.4E-9	917.9E-3	525.7E-3	5.78	-1.7E-9	3.10	2.7E-9	16.6E-9	938.6E-3	540.5E-3	5.84	-712.3E-12

Steady State Gate Bias
Mil-Std 750 M 1042-B, 1000hrs, VGS= 24V, 150°C
Lot 7210

SN	Initials							168Hr End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSON 10V	GFS 3.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSON 10V	GFS 3.5A	IGSS -30V
509	3.04	4.6E-9	17.4E-9	924.4E-3	525.7E-3	5.56	-4.0E-9	3.07	1.4E-9	16.7E-9	947.5E-3	540.1E-3	5.60	-4.4E-9
510	3.07	4.8E-9	24.4E-9	923.5E-3	521.6E-3	5.49	-2.0E-9	3.15	1.7E-9	22.8E-9	942.2E-3	536.9E-3	5.56	-1.8E-9
511	3.06	3.6E-9	22.5E-9	916.3E-3	524.5E-3	5.56	-2.1E-9	3.12	1.4E-9	22.9E-9	926.0E-3	535.5E-3	5.63	-1.3E-9
512	3.18	2.3E-9	24.1E-9	917.9E-3	527.5E-3	5.52	-4.8E-9	3.26	806.1E-12	24.2E-9	930.6E-3	535.8E-3	5.58	-175.3E-12
513	3.02	1.6E-9	20.1E-9	910.9E-3	526.4E-3	5.37	-4.0E-9	3.10	2.9E-9	24.7E-9	934.5E-3	534.0E-3	5.41	-2.8E-9
514	3.16	4.0E-9	23.7E-9	915.5E-3	527.2E-3	5.53	-728.0E-12	3.22	77.2E-12	20.2E-9	942.9E-3	541.0E-3	5.61	-1.7E-9
515	3.13	3.8E-9	23.0E-9	917.3E-3	523.6E-3	5.54	-1.7E-9	3.20	3.1E-9	17.4E-9	944.5E-3	535.4E-3	5.58	-3.0E-9
516	3.08	76.8E-12	17.7E-9	921.9E-3	523.2E-3	5.48	-4.6E-9	3.13	1.1E-9	25.0E-9	947.0E-3	531.9E-3	5.56	-3.9E-9
517	3.05	4.2E-9	21.1E-9	918.7E-3	522.6E-3	5.59	-4.2E-9	3.08	1.5E-9	21.3E-9	941.8E-3	534.4E-3	5.64	-1.7E-9
518	3.02	425.9E-12	16.5E-9	911.9E-3	522.7E-3	5.55	-3.3E-9	3.08	520.0E-12	22.7E-9	923.0E-3	536.4E-3	5.58	-3.2E-9
519	3.17	4.3E-9	18.6E-9	923.2E-3	521.9E-3	5.37	-3.7E-9	3.26	455.8E-12	20.8E-9	937.0E-3	532.3E-3	5.42	-1.9E-9
520	3.11	4.8E-9	15.0E-9	917.7E-3	528.8E-3	5.50	-3.9E-9	3.18	3.2E-9	16.8E-9	927.5E-3	537.9E-3	5.55	-1.3E-9
521	3.15	328.0E-12	21.4E-9	914.2E-3	521.1E-3	5.58	-1.5E-9	3.21	3.7E-9	23.4E-9	938.3E-3	529.7E-3	5.65	-4.5E-9
522	3.14	3.8E-9	24.1E-9	910.8E-3	526.7E-3	5.31	-1.0E-9	3.18	312.1E-12	17.5E-9	936.1E-3	537.3E-3	5.38	-3.4E-9
523	3.10	3.1E-9	18.5E-9	923.5E-3	521.7E-3	5.39	-4.3E-9	3.14	2.3E-9	18.5E-9	937.1E-3	531.6E-3	5.43	-1.7E-9
524	3.02	4.5E-9	23.6E-9	917.0E-3	525.1E-3	5.70	-1.5E-9	3.09	3.9E-9	16.2E-9	932.6E-3	531.2E-3	5.76	-2.7E-9
525	3.09	542.2E-12	24.6E-9	923.8E-3	529.7E-3	5.54	-1.6E-9	3.18	3.2E-9	22.3E-9	951.1E-3	543.5E-3	5.60	-2.5E-9
526	3.07	1.0E-9	19.2E-9	916.8E-3	526.6E-3	5.50	-2.2E-9	3.14	1.8E-9	24.8E-9	932.9E-3	532.1E-3	5.57	-3.7E-9
527	3.02	4.8E-9	19.5E-9	922.0E-3	525.1E-3	5.45	-4.2E-9	3.09	2.9E-9	17.2E-9	932.2E-3	535.1E-3	5.49	-164.1E-12
528	3.13	4.1E-9	16.4E-9	917.7E-3	527.8E-3	5.69	-1.8E-9	3.22	3.6E-9	20.1E-9	944.8E-3	537.3E-3	5.72	-3.4E-9
529	3.11	4.6E-9	19.9E-9	923.0E-3	528.1E-3	5.48	-2.5E-9	3.16	3.1E-9	20.9E-9	941.9E-3	538.0E-3	5.55	-4.4E-9
530	3.01	1.6E-9	18.3E-9	922.8E-3	520.5E-3	5.67	-2.7E-9	3.08	3.8E-9	17.5E-9	938.1E-3	535.4E-3	5.74	-2.3E-9
531	3.14	4.0E-9	20.3E-9	918.7E-3	525.6E-3	5.52	-2.1E-9	3.18	1.8E-9	16.1E-9	943.4E-3	535.1E-3	5.60	-3.4E-9
532	3.05	4.1E-9	23.5E-9	913.7E-3	527.0E-3	5.70	-4.4E-9	3.10	4.7E-9	19.2E-9	932.3E-3	536.1E-3	5.76	-637.0E-12
533	3.08	2.6E-9	20.9E-9	914.9E-3	522.9E-3	5.50	-1.7E-9	3.17	4.6E-9	23.6E-9	934.4E-3	532.4E-3	5.53	-2.5E-9
534	3.13	3.5E-9	18.5E-9	923.5E-3	526.9E-3	5.41	-2.5E-9	3.18	4.4E-9	20.2E-9	945.6E-3	541.3E-3	5.47	-1.3E-9

Steady State Gate Bias
Mil-Std 750 M 1042-B, 1000hrs, VGS= 24V, 150°C
Lot 7210

SN	Initials							168Hr End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSON 10V	GFS 3.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSON 10V	GFS 3.5A	IGSS -30V
535	3.08	2.7E-9	25.0E-9	916.9E-3	526.2E-3	5.46	-3.0E-9	3.12	4.2E-9	17.1E-9	941.0E-3	532.9E-3	5.53	-5.0E-9
536	3.01	492.3E-12	19.7E-9	916.4E-3	520.1E-3	5.61	-3.9E-9	3.05	1.3E-9	20.3E-9	932.5E-3	531.5E-3	5.67	-3.0E-9
537	3.05	1.2E-9	24.3E-9	912.9E-3	524.0E-3	5.40	-3.7E-9	3.13	3.5E-9	21.0E-9	929.4E-3	537.9E-3	5.49	-4.9E-9
538	3.19	4.2E-9	15.0E-9	912.2E-3	529.9E-3	5.52	-1.1E-9	3.25	485.0E-12	15.0E-9	924.6E-3	541.5E-3	5.58	-3.3E-9
539	3.00	1.5E-9	17.6E-9	911.9E-3	522.1E-3	5.68	-4.8E-9	3.09	1.2E-9	16.5E-9	930.7E-3	536.6E-3	5.73	-606.1E-12
540	3.00	3.9E-9	24.4E-9	923.7E-3	521.4E-3	5.63	-2.9E-9	3.05	3.9E-9	23.0E-9	951.2E-3	531.9E-3	5.68	-2.8E-9
541	3.15	1.7E-9	15.7E-9	919.5E-3	526.7E-3	5.60	-1.6E-9	3.21	2.5E-9	16.0E-9	946.5E-3	537.5E-3	5.64	-4.0E-9
542	3.19	1.9E-9	23.0E-9	915.6E-3	528.2E-3	5.72	-1.3E-9	3.24	1.6E-9	17.7E-9	931.9E-3	542.7E-3	5.80	-599.8E-12
543	3.13	4.1E-9	16.1E-9	922.9E-3	525.9E-3	5.69	-4.2E-9	3.19	566.6E-12	16.2E-9	949.9E-3	533.8E-3	5.73	-3.1E-9
544	3.14	4.6E-9	19.3E-9	913.2E-3	521.2E-3	5.38	-1.1E-9	3.20	3.2E-9	20.5E-9	940.2E-3	536.2E-3	5.46	-3.1E-9
545	3.05	3.4E-9	23.9E-9	916.1E-3	527.8E-3	5.57	-2.0E-9	3.09	4.9E-9	17.9E-9	931.5E-3	536.0E-3	5.62	-2.4E-9
546	3.03	4.9E-9	21.7E-9	919.6E-3	528.3E-3	5.73	-2.1E-9	3.10	4.3E-9	19.8E-9	931.0E-3	534.1E-3	5.76	-2.3E-9
547	3.19	4.5E-9	17.4E-9	920.9E-3	525.5E-3	5.66	-833.8E-12	3.24	2.7E-9	16.0E-9	946.4E-3	539.1E-3	5.72	-879.7E-12
548	3.14	2.8E-9	23.9E-9	919.3E-3	526.8E-3	5.51	-2.6E-9	3.22	2.1E-9	21.7E-9	936.5E-3	539.3E-3	5.54	-1.4E-9
549	3.05	280.6E-12	15.3E-9	912.8E-3	520.4E-3	5.42	-5.0E-9	3.08	1.8E-9	21.4E-9	927.4E-3	526.8E-3	5.47	-1.6E-9
550	3.01	3.4E-9	21.2E-9	911.9E-3	524.1E-3	5.76	-4.7E-9	3.07	2.3E-9	15.6E-9	938.1E-3	538.1E-3	5.82	-3.0E-9
551	3.01	4.1E-9	15.2E-9	916.0E-3	522.8E-3	5.58	-4.0E-9	3.05	4.6E-9	22.9E-9	929.7E-3	533.4E-3	5.61	-987.0E-12
552	3.13	1.2E-9	22.2E-9	921.3E-3	523.1E-3	5.40	-3.3E-9	3.20	2.5E-9	16.1E-9	939.5E-3	538.6E-3	5.48	-3.8E-9
553	3.20	885.4E-12	23.1E-9	915.5E-3	528.7E-3	5.51	-4.8E-9	3.27	547.7E-12	18.3E-9	926.7E-3	544.1E-3	5.56	-3.0E-9
554	3.19	2.1E-9	22.4E-9	914.3E-3	523.6E-3	5.66	-92.7E-12	3.26	649.5E-12	15.8E-9	939.4E-3	534.7E-3	5.74	-2.8E-9
555	3.14	2.6E-9	17.5E-9	921.9E-3	524.4E-3	5.57	-4.1E-9	3.20	4.4E-9	16.0E-9	943.3E-3	537.9E-3	5.63	-1.8E-9
556	3.08	449.4E-12	15.3E-9	923.7E-3	528.1E-3	5.42	-1.1E-9	3.17	2.8E-9	23.7E-9	940.8E-3	539.7E-3	5.46	-411.5E-12
557	3.18	1.8E-9	20.7E-9	917.1E-3	522.4E-3	5.48	-4.4E-9	3.21	1.1E-9	17.7E-9	940.4E-3	531.8E-3	5.56	-2.1E-9
558	3.13	3.1E-9	20.0E-9	924.3E-3	520.6E-3	5.66	-4.6E-9	3.22	513.7E-12	23.0E-9	940.3E-3	529.5E-3	5.72	-4.1E-9
559	3.03	2.0E-9	23.6E-9	923.0E-3	522.6E-3	5.58	-1.3E-9	3.06	2.3E-9	20.9E-9	943.0E-3	529.7E-3	5.64	-3.2E-9

Steady State Gate Bias
Mil-Std 750 M 1042-B, 1000hrs, VGS= 24V, 150°C
Lot 7212

SN	Initials							168Hr End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSON 10V	GFS 3.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSON 10V	GFS 3.5A	IGSS -30V
801	3.03	3.5E-9	21.9E-9	922.1E-3	520.6E-3	5.39	-2.2E-9	3.10	1.6E-9	20.2E-9	934.6E-3	527.7E-3	5.44	-1.8E-9
802	3.15	983.9E-12	18.8E-9	916.2E-3	526.7E-3	5.42	-1.2E-9	3.19	503.5E-12	23.3E-9	938.5E-3	542.1E-3	5.49	-1.3E-9
803	3.03	689.1E-12	24.2E-9	922.9E-3	520.2E-3	5.58	-1.0E-9	3.09	2.9E-9	15.7E-9	943.6E-3	527.0E-3	5.65	-1.7E-9
804	3.14	4.4E-9	16.8E-9	921.3E-3	528.5E-3	5.62	-915.4E-12	3.18	4.6E-9	16.0E-9	937.1E-3	537.5E-3	5.66	-1.6E-9
805	3.08	857.5E-12	24.4E-9	923.2E-3	523.3E-3	5.65	-3.1E-9	3.13	3.5E-9	19.1E-9	947.7E-3	532.0E-3	5.72	-4.1E-9
806	3.15	4.9E-9	19.1E-9	918.6E-3	522.0E-3	5.52	-987.3E-12	3.25	2.3E-9	17.1E-9	942.2E-3	528.6E-3	5.59	-725.1E-12
807	3.04	2.0E-9	18.6E-9	912.8E-3	527.3E-3	5.48	-1.3E-9	3.10	702.0E-12	17.0E-9	935.6E-3	537.6E-3	5.55	-4.9E-9
808	3.11	4.9E-9	16.4E-9	913.8E-3	527.0E-3	5.50	-3.7E-9	3.19	955.2E-12	19.4E-9	938.9E-3	535.8E-3	5.54	-812.0E-12
809	3.16	4.0E-9	21.7E-9	921.7E-3	529.9E-3	5.80	-4.0E-9	3.21	2.7E-9	17.7E-9	936.8E-3	540.6E-3	5.86	-4.3E-9
810	3.03	699.3E-12	20.4E-9	924.6E-3	528.4E-3	5.50	-3.9E-9	3.07	347.2E-12	23.1E-9	943.6E-3	543.8E-3	5.53	-1.3E-9
811	3.14	4.8E-9	20.5E-9	919.1E-3	524.9E-3	5.41	-308.7E-12	3.18	4.0E-9	16.5E-9	932.6E-3	537.5E-3	5.49	-2.0E-9
812	3.07	1.2E-9	19.6E-9	920.1E-3	529.6E-3	5.67	-4.4E-9	3.10	513.2E-12	24.1E-9	930.4E-3	537.2E-3	5.74	-2.2E-9
813	3.04	4.3E-9	22.4E-9	922.4E-3	520.9E-3	5.66	-2.9E-9	3.13	4.8E-9	19.0E-9	942.4E-3	528.6E-3	5.71	-328.4E-12
814	3.02	2.2E-9	19.5E-9	924.0E-3	529.5E-3	5.75	-2.4E-9	3.07	3.6E-9	24.8E-9	937.0E-3	537.2E-3	5.82	-4.1E-9
815	3.06	360.5E-12	16.6E-9	919.2E-3	529.9E-3	5.50	-78.4E-12	3.10	1.2E-9	23.5E-9	946.8E-3	543.3E-3	5.57	-2.1E-9
816	3.05	4.4E-9	18.2E-9	916.3E-3	525.1E-3	5.37	-1.7E-9	3.13	4.3E-9	20.6E-9	938.5E-3	536.1E-3	5.41	-1.5E-9
817	3.04	2.4E-9	17.2E-9	916.7E-3	529.4E-3	5.58	-323.0E-12	3.09	2.6E-9	23.6E-9	942.2E-3	544.0E-3	5.63	-676.2E-12
818	3.10	1.4E-9	16.2E-9	918.4E-3	522.0E-3	5.36	-4.8E-9	3.15	1.0E-9	19.1E-9	943.8E-3	527.3E-3	5.39	-2.6E-9
819	3.19	3.6E-9	18.8E-9	923.4E-3	523.9E-3	5.69	-4.0E-9	3.24	397.3E-12	24.6E-9	950.7E-3	533.1E-3	5.77	-2.9E-9
820	3.15	4.6E-9	15.9E-9	916.8E-3	523.5E-3	5.45	-593.2E-12	3.22	1.8E-9	21.5E-9	930.0E-3	529.2E-3	5.49	-130.7E-12
821	3.07	2.6E-9	23.5E-9	918.5E-3	520.9E-3	5.72	-2.4E-9	3.10	71.5E-12	17.0E-9	936.9E-3	527.4E-3	5.77	-1.7E-9
822	3.01	725.1E-12	19.1E-9	910.5E-3	528.6E-3	5.42	-3.7E-9	3.05	2.3E-9	22.5E-9	935.2E-3	540.9E-3	5.49	-2.3E-9
823	3.06	4.5E-9	21.4E-9	911.3E-3	525.7E-3	5.55	-4.2E-9	3.09	4.2E-9	22.4E-9	931.3E-3	536.0E-3	5.64	-4.2E-9
824	3.19	3.1E-9	16.2E-9	914.8E-3	522.6E-3	5.60	-883.1E-12	3.23	4.0E-9	22.9E-9	933.1E-3	536.0E-3	5.63	-4.8E-9
825	3.17	306.6E-12	23.6E-9	910.7E-3	521.8E-3	5.77	-4.2E-9	3.21	4.3E-9	23.5E-9	935.6E-3	527.6E-3	5.82	-4.6E-9
826	3.12	2.4E-9	19.0E-9	924.4E-3	523.1E-3	5.71	-2.0E-9	3.16	4.3E-9	16.6E-9	948.8E-3	535.7E-3	5.77	-2.9E-9

Steady State Gate Bias
Mil-Std 750 M 1042-B, 1000hrs, VGS= 24V, 150°C
Lot 7212

SN	Initials							168Hr End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSON 10V	GFS 3.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSON 10V	GFS 3.5A	IGSS -30V
827	3.17	2.4E-9	23.3E-9	914.0E-3	529.8E-3	5.47	-3.8E-9	3.23	3.5E-9	18.3E-9	936.4E-3	539.3E-3	5.55	-4.0E-9
828	3.02	3.7E-9	18.8E-9	916.6E-3	528.7E-3	5.38	-1.5E-9	3.06	780.0E-12	16.2E-9	936.8E-3	543.4E-3	5.45	-3.9E-9
829	3.16	4.9E-9	19.2E-9	912.4E-3	520.8E-3	5.56	-4.1E-9	3.20	2.6E-9	22.0E-9	936.0E-3	534.4E-3	5.63	-1.4E-9
830	3.01	2.3E-9	17.2E-9	914.7E-3	521.8E-3	5.44	-777.0E-12	3.04	1.7E-9	19.1E-9	924.5E-3	531.7E-3	5.50	-2.2E-9
831	3.16	3.0E-9	24.7E-9	920.0E-3	529.2E-3	5.56	-282.7E-12	3.25	1.7E-9	17.8E-9	936.4E-3	540.0E-3	5.59	-2.6E-9
832	3.14	1.7E-9	17.3E-9	915.6E-3	521.0E-3	5.43	-2.0E-9	3.19	2.5E-9	19.4E-9	935.6E-3	535.1E-3	5.49	-4.7E-9
833	3.17	2.9E-9	20.2E-9	917.3E-3	526.0E-3	5.46	-833.4E-12	3.21	4.6E-9	24.7E-9	940.3E-3	536.2E-3	5.52	-752.3E-12
834	3.03	1.6E-9	23.1E-9	920.9E-3	526.9E-3	5.76	-789.6E-12	3.08	1.2E-9	17.5E-9	938.9E-3	534.4E-3	5.80	-4.7E-9
835	3.01	4.4E-9	15.4E-9	924.4E-3	525.7E-3	5.73	-438.7E-12	3.05	879.3E-12	22.3E-9	944.7E-3	537.7E-3	5.80	-3.5E-9
836	3.19	1.3E-9	15.3E-9	918.1E-3	527.2E-3	5.74	-2.8E-9	3.27	3.8E-9	23.8E-9	944.0E-3	542.5E-3	5.78	-2.4E-9
837	3.11	1.7E-9	20.6E-9	912.2E-3	524.1E-3	5.59	-4.9E-9	3.17	2.0E-9	18.9E-9	932.2E-3	537.3E-3	5.67	-2.5E-9
838	3.19	1.3E-9	22.1E-9	916.3E-3	520.4E-3	5.47	-3.1E-9	3.25	558.5E-12	16.8E-9	932.7E-3	527.0E-3	5.52	-4.5E-9
839	3.10	4.5E-9	15.7E-9	920.9E-3	525.1E-3	5.62	-1.9E-9	3.18	2.2E-9	18.2E-9	933.0E-3	531.3E-3	5.67	-4.2E-9
840	3.18	4.9E-9	18.8E-9	910.1E-3	521.6E-3	5.51	-3.9E-9	3.23	4.5E-9	21.9E-9	936.6E-3	534.5E-3	5.57	-575.8E-12
841	3.12	4.9E-9	17.5E-9	912.7E-3	522.3E-3	5.61	-1.0E-9	3.17	1.6E-9	21.5E-9	926.6E-3	532.4E-3	5.66	-118.6E-12
842	3.02	326.7E-12	15.6E-9	914.1E-3	527.4E-3	5.47	-943.7E-12	3.10	2.5E-9	23.7E-9	927.2E-3	540.1E-3	5.53	-2.5E-9
843	3.13	3.7E-9	21.7E-9	914.9E-3	525.8E-3	5.36	-3.3E-9	3.17	634.0E-12	21.2E-9	926.7E-3	533.4E-3	5.39	-3.4E-9
844	3.07	2.5E-9	20.2E-9	921.3E-3	527.8E-3	5.44	-3.5E-9	3.11	4.5E-9	18.2E-9	945.9E-3	533.8E-3	5.52	-1.6E-9
845	3.16	2.0E-9	21.1E-9	917.7E-3	529.6E-3	5.54	-2.6E-9	3.22	2.9E-9	24.6E-9	939.2E-3	536.3E-3	5.62	-424.7E-12
846	3.10	4.7E-9	18.1E-9	914.6E-3	525.3E-3	5.53	-1.7E-9	3.13	383.1E-12	20.2E-9	926.7E-3	534.7E-3	5.59	-2.2E-9
847	3.09	802.2E-12	21.1E-9	916.7E-3	525.7E-3	5.73	-4.1E-9	3.12	3.9E-9	25.0E-9	939.1E-3	531.1E-3	5.80	-2.5E-9
848	3.09	3.9E-9	17.7E-9	915.0E-3	524.2E-3	5.43	-2.9E-9	3.14	873.8E-12	24.7E-9	928.5E-3	535.4E-3	5.50	-892.8E-12
849	3.03	4.2E-9	15.4E-9	918.3E-3	521.2E-3	5.53	-734.9E-12	3.08	4.2E-9	21.9E-9	944.7E-3	531.0E-3	5.58	-4.4E-9
850	3.19	339.7E-12	18.7E-9	914.5E-3	526.7E-3	5.30	-2.8E-9	3.24	3.8E-9	21.6E-9	938.7E-3	542.4E-3	5.36	-3.6E-9
851	3.15	4.0E-9	24.6E-9	914.2E-3	520.6E-3	5.49	-3.3E-9	3.20	1.5E-9	24.9E-9	930.5E-3	533.6E-3	5.55	-2.6E-9
852	3.11	629.9E-12	20.9E-9	923.6E-3	525.9E-3	5.34	-4.1E-9	3.16	4.6E-9	17.9E-9	933.0E-3	531.3E-3	5.38	-2.8E-9

Steady State Gate Bias
Mil-Std 750 M 1042-B, 1000hrs, VGS= 24V, 150°C
Lot 7212

SN	Initials							168Hr End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSON 10V	GFS 3.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSON 10V	GFS 3.5A	IGSS -30V
853	3.02	473.6E-12	22.4E-9	913.9E-3	521.6E-3	5.70	-3.0E-9	3.11	3.6E-9	22.0E-9	929.7E-3	526.9E-3	5.76	-2.8E-9
854	3.14	3.6E-9	23.0E-9	923.0E-3	529.6E-3	5.75	-2.5E-9	3.21	3.3E-9	23.4E-9	950.1E-3	545.2E-3	5.80	-1.4E-9
855	3.10	2.2E-9	15.0E-9	912.1E-3	522.6E-3	5.70	-3.7E-9	3.16	1.6E-9	19.8E-9	923.5E-3	534.8E-3	5.74	-3.2E-9
856	3.04	4.5E-9	18.1E-9	919.4E-3	525.1E-3	5.34	-2.1E-9	3.09	2.2E-9	17.8E-9	932.3E-3	533.7E-3	5.41	-593.8E-12
857	3.10	643.6E-12	19.3E-9	915.6E-3	524.7E-3	5.48	-5.0E-9	3.19	4.2E-9	24.6E-9	925.3E-3	538.7E-3	5.55	-1.4E-9
858	3.06	2.9E-9	17.1E-9	915.6E-3	521.3E-3	5.73	-259.0E-12	3.14	4.3E-9	16.9E-9	925.1E-3	528.7E-3	5.77	-141.1E-12
859	3.18	4.9E-9	21.2E-9	920.3E-3	529.6E-3	5.31	-3.4E-9	3.22	2.1E-9	15.1E-9	935.8E-3	541.5E-3	5.39	-1.5E-9
860	3.11	897.5E-12	24.6E-9	911.4E-3	522.9E-3	5.52	-1.1E-9	3.16	933.9E-12	22.7E-9	920.7E-3	538.3E-3	5.60	-2.2E-9
861	3.19	4.6E-9	19.6E-9	919.3E-3	520.5E-3	5.32	-765.5E-12	3.24	2.3E-9	18.4E-9	937.8E-3	526.6E-3	5.35	-4.5E-9
862	3.15	4.6E-9	19.5E-9	916.2E-3	528.6E-3	5.70	-1.7E-9	3.19	3.8E-9	15.3E-9	941.6E-3	543.2E-3	5.76	-140.0E-12
863	3.13	71.1E-12	22.0E-9	921.4E-3	522.3E-3	5.56	-3.9E-9	3.19	3.7E-9	18.0E-9	936.2E-3	529.7E-3	5.64	-1.7E-9
864	3.12	1.8E-9	17.2E-9	916.2E-3	521.9E-3	5.75	-1.9E-9	3.20	654.3E-12	20.8E-9	942.0E-3	533.8E-3	5.79	-411.3E-12
865	3.18	4.6E-9	18.2E-9	921.8E-3	529.2E-3	5.53	-92.2E-12	3.25	4.8E-9	17.3E-9	935.0E-3	539.7E-3	5.58	-4.7E-9
866	3.14	1.3E-9	17.5E-9	920.7E-3	529.1E-3	5.56	-2.5E-9	3.22	1.3E-9	21.9E-9	931.1E-3	535.4E-3	5.59	-1.4E-9
867	3.17	2.1E-9	19.9E-9	918.8E-3	529.4E-3	5.53	-2.1E-9	3.22	3.7E-9	16.2E-9	943.7E-3	541.5E-3	5.58	-2.4E-9
868	3.06	4.6E-9	23.0E-9	910.1E-3	529.5E-3	5.37	-1.2E-9	3.13	1.6E-9	22.5E-9	925.0E-3	536.1E-3	5.43	-2.6E-9
869	3.03	705.6E-12	21.7E-9	920.0E-3	522.1E-3	5.75	-4.1E-9	3.08	981.9E-12	22.4E-9	940.9E-3	531.8E-3	5.81	-2.6E-9
870	3.18	2.4E-9	23.7E-9	910.3E-3	527.4E-3	5.40	-3.4E-9	3.22	1.3E-9	18.5E-9	932.5E-3	536.5E-3	5.46	-4.0E-9
871	3.16	3.7E-9	21.9E-9	918.5E-3	527.0E-3	5.65	-3.7E-9	3.23	1.6E-9	24.5E-9	942.3E-3	538.8E-3	5.70	-716.6E-12
872	3.12	3.3E-9	20.7E-9	918.5E-3	525.7E-3	5.61	-2.1E-9	3.20	2.5E-9	18.6E-9	928.9E-3	531.3E-3	5.65	-2.6E-9
873	3.13	3.7E-9	23.3E-9	921.8E-3	525.2E-3	5.43	-3.4E-9	3.18	4.0E-9	22.5E-9	941.4E-3	537.4E-3	5.51	-4.8E-9
874	3.20	4.0E-9	17.2E-9	917.1E-3	529.5E-3	5.31	-92.3E-12	3.26	224.2E-12	21.4E-9	927.2E-3	541.1E-3	5.38	-1.7E-9
875	3.11	177.7E-12	19.1E-9	915.5E-3	529.9E-3	5.36	-1.8E-9	3.14	361.8E-12	21.9E-9	936.0E-3	538.5E-3	5.41	-4.8E-9
876	3.18	2.4E-9	21.6E-9	923.0E-3	525.1E-3	5.74	-2.4E-9	3.23	3.8E-9	20.4E-9	949.0E-3	538.5E-3	5.79	-4.2E-9
877	3.09	3.6E-9	22.6E-9	913.0E-3	525.4E-3	5.74	-3.9E-9	3.16	3.2E-9	17.6E-9	935.2E-3	541.0E-3	5.80	-1.6E-9

Steady State Gate Bias

HTGB (Steady State -ve Gate Bias)

Steady State Gate Bias
Mil-Std 750 M 1042-B, 1000hrs, VGS= -24V, 150°C
Lot 7103

SN	Initials							168Hr End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSON 10V	GFS 3.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSON 10V	GFS 3.5A	IGSS -30V
1000	3.14	3.7E-9	19.1E-9	922.1E-3	521.6E-3	5.69	-1.8E-9	3.19	2.3E-9	17.2E-9	937.0E-3	530.9E-3	5.77	-2.1E-9
1001	3.16	4.4E-9	18.3E-9	920.1E-3	526.1E-3	5.79	-3.4E-9	3.22	3.2E-9	18.7E-9	947.3E-3	539.8E-3	5.83	-639.5E-12
1002	3.18	1.2E-9	18.2E-9	922.8E-3	528.5E-3	5.76	-3.1E-9	3.25	259.3E-12	24.5E-9	944.8E-3	540.2E-3	5.84	-1.3E-9
1003	3.15	1.7E-9	22.3E-9	918.0E-3	522.8E-3	5.75	-718.1E-12	3.21	541.9E-12	21.5E-9	931.4E-3	530.7E-3	5.81	-3.3E-9
1004	3.18	4.0E-9	23.1E-9	915.2E-3	522.1E-3	5.75	-3.4E-9	3.23	1.9E-9	23.7E-9	936.1E-3	534.7E-3	5.79	-1.5E-9
1005	3.09	3.8E-9	19.4E-9	921.6E-3	522.3E-3	5.41	-4.1E-9	3.15	4.8E-9	18.3E-9	931.6E-3	535.9E-3	5.45	-4.6E-9
1006	3.19	3.9E-9	22.3E-9	913.5E-3	524.5E-3	5.63	-3.0E-9	3.22	4.4E-9	18.3E-9	923.3E-3	537.6E-3	5.69	-4.1E-9
1007	3.12	93.7E-12	16.7E-9	921.6E-3	524.6E-3	5.39	-206.2E-12	3.17	2.0E-9	23.0E-9	945.2E-3	537.8E-3	5.43	-4.2E-9
1008	3.18	1.3E-9	19.7E-9	922.4E-3	522.2E-3	5.41	-637.1E-12	3.27	3.1E-9	24.6E-9	935.3E-3	536.4E-3	5.45	-630.6E-12
1009	3.17	3.0E-9	20.4E-9	921.8E-3	526.2E-3	5.36	-1.4E-9	3.25	2.8E-9	23.9E-9	947.0E-3	541.9E-3	5.39	-142.7E-12
1010	3.11	529.7E-12	22.5E-9	913.1E-3	527.3E-3	5.66	-2.9E-9	3.19	3.7E-9	15.5E-9	926.9E-3	533.2E-3	5.72	-3.8E-9
1011	3.08	4.2E-9	18.5E-9	916.5E-3	528.4E-3	5.31	-2.0E-9	3.15	1.5E-9	24.6E-9	934.3E-3	539.9E-3	5.36	-4.5E-9
1012	3.09	4.8E-9	20.6E-9	924.8E-3	529.1E-3	5.38	-3.5E-9	3.13	61.8E-12	18.4E-9	943.7E-3	535.5E-3	5.46	-2.0E-9
1013	3.12	3.5E-9	21.9E-9	917.2E-3	528.5E-3	5.74	-352.5E-12	3.21	4.9E-9	21.9E-9	936.0E-3	540.3E-3	5.78	-2.3E-9
1014	3.17	3.9E-9	16.2E-9	913.1E-3	522.6E-3	5.41	-1.8E-9	3.21	3.6E-9	22.1E-9	932.5E-3	536.9E-3	5.46	-3.7E-9
1015	3.18	2.1E-9	21.2E-9	910.2E-3	525.6E-3	5.69	-4.5E-9	3.25	4.6E-9	16.2E-9	933.9E-3	535.7E-3	5.72	-743.6E-12
1016	3.17	4.2E-9	22.7E-9	916.4E-3	522.5E-3	5.72	-1.4E-9	3.21	208.9E-12	17.6E-9	940.4E-3	532.1E-3	5.77	-3.0E-9
1017	3.01	2.9E-9	16.7E-9	912.0E-3	526.2E-3	5.64	-802.3E-12	3.09	4.1E-9	19.5E-9	937.7E-3	542.0E-3	5.72	-1.7E-9
1018	3.02	2.2E-9	17.1E-9	920.0E-3	521.5E-3	5.46	-215.0E-12	3.11	2.8E-9	21.0E-9	941.5E-3	535.1E-3	5.50	-4.9E-9
1019	3.01	4.4E-9	15.0E-9	913.5E-3	522.8E-3	5.79	-2.7E-9	3.10	4.0E-9	17.4E-9	930.8E-3	531.2E-3	5.84	-1.7E-9
1020	3.09	3.9E-9	20.5E-9	924.9E-3	528.6E-3	5.67	-4.7E-9	3.17	3.0E-9	21.6E-9	940.3E-3	536.7E-3	5.72	-4.4E-9
1021	3.06	701.6E-12	16.4E-9	912.7E-3	520.9E-3	5.65	-4.5E-9	3.13	2.8E-9	15.4E-9	937.1E-3	536.0E-3	5.71	-4.3E-9
1022	3.11	2.4E-9	23.6E-9	918.9E-3	529.5E-3	5.68	-1.5E-9	3.18	2.5E-9	24.2E-9	936.9E-3	543.6E-3	5.74	-4.5E-9
1023	3.12	3.0E-9	18.4E-9	915.1E-3	520.1E-3	5.53	-3.2E-9	3.16	4.7E-9	16.8E-9	930.9E-3	532.0E-3	5.61	-304.8E-12
1024	3.07	1.5E-9	15.8E-9	915.5E-3	527.0E-3	5.40	-3.9E-9	3.12	886.5E-12	19.5E-9	938.2E-3	534.0E-3	5.44	-4.6E-9
1025	3.00	3.0E-9	19.1E-9	911.8E-3	527.8E-3	5.76	-4.7E-9	3.09	3.1E-9	20.0E-9	921.1E-3	538.6E-3	5.83	-1.9E-9

Steady State Gate Bias
Mil-Std 750 M 1042-B, 1000hrs, VGS= -24V, 150°C
Lot 7103

SN	Initials							168Hr End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSOn 10V	GFS 3.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSOn 10V	GFS 3.5A	IGSS -30V
1026	3.18	1.5E-9	20.1E-9	916.3E-3	525.4E-3	5.52	-3.6E-9	3.24	4.7E-9	17.3E-9	937.7E-3	539.6E-3	5.55	-1.6E-9
1027	3.15	149.8E-12	18.1E-9	918.2E-3	527.3E-3	5.34	-3.9E-9	3.21	328.5E-12	19.1E-9	938.3E-3	540.6E-3	5.41	-178.4E-12
1028	3.04	2.5E-9	15.0E-9	919.9E-3	528.0E-3	5.69	-4.8E-9	3.09	3.2E-9	20.9E-9	930.6E-3	536.1E-3	5.76	-2.2E-9
1029	3.10	3.6E-9	22.4E-9	916.9E-3	521.7E-3	5.79	-317.0E-12	3.16	1.4E-9	18.1E-9	940.6E-3	531.9E-3	5.83	-144.0E-12
1030	3.02	1.1E-9	15.1E-9	924.5E-3	522.7E-3	5.52	-2.3E-9	3.07	2.1E-9	20.1E-9	942.2E-3	537.4E-3	5.60	-958.6E-12
1031	3.08	195.4E-12	17.2E-9	924.6E-3	521.3E-3	5.35	-791.8E-12	3.17	2.0E-9	22.6E-9	951.5E-3	529.8E-3	5.38	-3.7E-9
1032	3.14	1.4E-9	20.2E-9	918.9E-3	524.9E-3	5.40	-3.2E-9	3.18	4.3E-9	24.3E-9	937.8E-3	533.9E-3	5.44	-3.8E-9
1033	3.01	1.6E-9	24.8E-9	917.8E-3	525.3E-3	5.39	-3.4E-9	3.07	2.5E-9	15.0E-9	936.8E-3	534.9E-3	5.46	-3.2E-9
1034	3.17	4.1E-9	16.2E-9	924.9E-3	528.7E-3	5.60	-758.7E-12	3.27	4.6E-9	15.8E-9	950.3E-3	543.0E-3	5.65	-255.8E-12
1035	3.18	1.9E-9	21.9E-9	918.2E-3	530.0E-3	5.71	-1.1E-9	3.26	383.6E-12	24.2E-9	939.7E-3	542.1E-3	5.74	-5.0E-9
1036	3.08	1.1E-9	21.7E-9	919.0E-3	522.2E-3	5.45	-3.2E-9	3.16	4.0E-9	18.9E-9	930.8E-3	533.9E-3	5.52	-1.3E-9
1037	3.10	4.1E-9	19.9E-9	921.6E-3	520.5E-3	5.73	-1.6E-9	3.15	3.9E-9	16.4E-9	939.0E-3	529.6E-3	5.77	-4.6E-9
1038	3.12	3.9E-9	17.6E-9	921.0E-3	529.7E-3	5.77	-49.9E-12	3.16	1.2E-9	22.4E-9	938.9E-3	539.3E-3	5.84	-1.4E-9
1039	3.17	2.7E-9	19.5E-9	916.6E-3	525.9E-3	5.59	-1.7E-9	3.25	2.7E-9	20.0E-9	927.8E-3	539.7E-3	5.66	-458.7E-12
1040	3.03	3.2E-9	22.3E-9	911.5E-3	529.8E-3	5.66	-1.2E-9	3.07	3.1E-9	16.3E-9	938.6E-3	538.7E-3	5.70	-336.7E-12
1041	3.16	152.3E-12	23.0E-9	924.5E-3	529.2E-3	5.48	-3.6E-9	3.23	4.1E-9	23.2E-9	946.8E-3	542.2E-3	5.53	-1.3E-9
1042	3.18	1.8E-9	23.0E-9	923.7E-3	521.5E-3	5.32	-4.2E-9	3.25	4.3E-9	24.4E-9	934.4E-3	536.7E-3	5.35	-4.9E-9
1043	3.10	375.7E-12	24.3E-9	912.8E-3	523.0E-3	5.78	-1.6E-9	3.16	3.0E-9	23.7E-9	937.3E-3	534.0E-3	5.87	-912.2E-12
1044	3.08	4.0E-9	24.4E-9	914.7E-3	521.2E-3	5.65	-1.1E-9	3.11	1.1E-9	17.4E-9	940.2E-3	531.3E-3	5.71	-1.6E-9
1045	3.19	3.3E-9	20.8E-9	914.8E-3	525.8E-3	5.61	-2.1E-9	3.28	4.6E-9	24.6E-9	935.7E-3	540.3E-3	5.66	-2.3E-9
1046	3.13	3.1E-9	21.7E-9	915.1E-3	528.1E-3	5.38	-2.1E-9	3.23	239.8E-12	20.7E-9	938.5E-3	541.6E-3	5.46	-5.0E-9
1047	3.14	615.8E-12	22.4E-9	922.9E-3	524.9E-3	5.63	-4.5E-9	3.21	4.5E-9	17.7E-9	934.6E-3	532.4E-3	5.68	-1.8E-9
1048	3.11	933.7E-12	18.8E-9	923.4E-3	527.7E-3	5.68	-960.3E-12	3.18	2.0E-9	22.9E-9	944.5E-3	541.4E-3	5.76	-4.3E-9
1049	3.17	2.8E-9	15.5E-9	918.4E-3	521.3E-3	5.70	-3.5E-9	3.22	417.4E-12	18.8E-9	944.7E-3	536.9E-3	5.73	-3.5E-9
1050	3.07	1.2E-9	16.4E-9	913.2E-3	523.1E-3	5.33	-1.5E-9	3.11	3.4E-9	15.9E-9	922.6E-3	535.0E-3	5.39	-3.6E-9
1051	3.07	2.5E-9	16.4E-9	912.9E-3	526.6E-3	5.40	-1.9E-9	3.13	1.4E-9	23.1E-9	934.6E-3	537.1E-3	5.45	-4.7E-9

Steady State Gate Bias
Mil-Std 750 M 1042-B, 1000hrs, VGS= -24V, 150°C
Lot 7103

SN	Initials							168Hr End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSON 10V	GFS 3.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSON 10V	GFS 3.5A	IGSS -30V
1052	3.07	2.9E-9	19.5E-9	924.9E-3	526.7E-3	5.45	-1.7E-9	3.15	3.7E-9	16.7E-9	949.1E-3	538.9E-3	5.50	-2.0E-9
1053	3.15	4.0E-9	23.3E-9	923.7E-3	527.7E-3	5.68	-2.3E-9	3.21	636.2E-12	19.8E-9	944.3E-3	533.5E-3	5.74	-4.4E-9
1054	3.03	3.7E-9	20.5E-9	911.0E-3	520.3E-3	5.47	-3.4E-9	3.10	3.6E-9	17.4E-9	930.6E-3	527.4E-3	5.53	-3.2E-9
1055	3.11	1.7E-9	23.1E-9	919.2E-3	525.1E-3	5.44	-4.5E-9	3.16	2.3E-9	23.8E-9	936.6E-3	537.0E-3	5.52	-2.6E-9
1056	3.00	4.4E-9	24.8E-9	924.3E-3	520.1E-3	5.40	-5.0E-9	3.07	4.5E-9	15.3E-9	942.6E-3	535.5E-3	5.44	-1.8E-9
1057	3.08	2.0E-9	17.0E-9	914.4E-3	529.3E-3	5.46	-3.6E-9	3.16	4.0E-9	18.6E-9	937.3E-3	541.9E-3	5.53	-5.0E-9
1058	3.16	25.3E-12	15.6E-9	923.8E-3	526.3E-3	5.68	-3.6E-9	3.20	4.7E-9	23.7E-9	941.6E-3	535.8E-3	5.73	-2.7E-9
1059	3.03	2.5E-9	15.3E-9	917.1E-3	526.7E-3	5.52	-2.2E-9	3.08	4.5E-9	23.4E-9	937.6E-3	536.5E-3	5.56	-2.2E-9
1060	3.20	4.2E-9	20.4E-9	923.4E-3	526.7E-3	5.60	-2.4E-9	3.25	4.4E-9	18.6E-9	940.3E-3	534.8E-3	5.66	-3.5E-9
1061	3.01	2.7E-9	18.5E-9	916.6E-3	523.1E-3	5.65	-2.2E-9	3.07	3.4E-9	20.3E-9	934.0E-3	536.0E-3	5.73	-126.2E-12
1062	3.13	5.0E-9	16.8E-9	917.7E-3	520.1E-3	5.73	-791.4E-12	3.19	3.6E-9	15.2E-9	932.2E-3	527.1E-3	5.78	-2.6E-9
1063	3.15	3.0E-9	16.0E-9	914.3E-3	525.8E-3	5.61	-126.3E-12	3.22	1.4E-9	18.0E-9	941.0E-3	538.8E-3	5.68	-3.5E-9
1064	3.03	3.5E-9	24.6E-9	914.5E-3	528.8E-3	5.35	-3.5E-9	3.12	2.6E-9	15.4E-9	929.3E-3	540.3E-3	5.39	-5.0E-9
1065	3.05	1.1E-9	21.2E-9	912.6E-3	528.4E-3	5.75	-3.3E-9	3.12	1.5E-9	18.7E-9	926.5E-3	540.9E-3	5.78	-3.8E-9
1066	3.00	2.7E-9	15.1E-9	919.9E-3	525.6E-3	5.77	-1.5E-9	3.06	2.4E-9	24.3E-9	942.7E-3	532.4E-3	5.84	-4.8E-9
1067	3.17	941.4E-12	22.1E-9	924.6E-3	527.2E-3	5.47	-2.8E-9	3.23	3.7E-9	17.8E-9	939.8E-3	534.5E-3	5.54	-4.8E-9
1068	3.19	3.1E-9	24.3E-9	910.8E-3	521.4E-3	5.74	-2.0E-9	3.27	2.4E-9	15.9E-9	921.9E-3	527.6E-3	5.81	-480.6E-12
1069	3.06	1.1E-9	17.8E-9	920.1E-3	528.5E-3	5.52	-1.6E-9	3.11	1.5E-9	18.3E-9	937.8E-3	542.2E-3	5.59	-1.7E-9
1070	3.14	3.1E-9	19.5E-9	922.1E-3	522.6E-3	5.53	-1.7E-9	3.20	429.1E-12	15.6E-9	942.8E-3	534.7E-3	5.59	-3.3E-9
1071	3.01	238.8E-12	17.1E-9	919.0E-3	529.7E-3	5.31	-854.5E-12	3.09	1.4E-9	23.9E-9	928.6E-3	539.1E-3	5.34	-2.9E-9
1072	3.06	1.5E-9	20.5E-9	921.9E-3	523.5E-3	5.79	-2.7E-9	3.15	2.6E-9	17.2E-9	940.2E-3	537.8E-3	5.86	-1.3E-9
1073	3.01	2.1E-9	24.3E-9	914.7E-3	521.6E-3	5.38	-1.4E-9	3.08	789.4E-12	18.4E-9	939.8E-3	530.2E-3	5.46	-675.1E-12
1074	3.17	4.0E-9	16.2E-9	914.8E-3	522.6E-3	5.36	-1.8E-9	3.25	408.7E-12	19.7E-9	928.4E-3	528.9E-3	5.41	-718.6E-12
1075	3.18	4.9E-9	16.9E-9	917.2E-3	521.7E-3	5.63	-989.5E-12	3.27	2.2E-9	15.5E-9	929.2E-3	536.7E-3	5.66	-2.9E-9
1076	3.10	659.6E-12	15.1E-9	910.4E-3	521.9E-3	5.40	-752.8E-12	3.16	1.8E-9	22.2E-9	933.1E-3	531.6E-3	5.48	-3.4E-9

Steady State Gate Bias
Mil-Std 750 M 1042-B, 1000hrs, VGS= -24V, 150°C
Lot 7210

SN	Initials							168Hr End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSON 10V	GFS 3.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSON 10V	GFS 3.5A	IGSS -30V
1080	3.04	3.2E-9	23.5E-9	912.1E-3	527.4E-3	5.74	-1.3E-9	3.12	3.9E-9	23.0E-9	936.6E-3	541.3E-3	5.78	-3.5E-9
1081	3.15	656.9E-12	19.0E-9	917.9E-3	530.0E-3	5.70	-185.9E-12	3.23	2.9E-9	22.3E-9	936.7E-3	544.9E-3	5.74	-2.0E-9
1082	3.02	47.5E-12	16.7E-9	911.2E-3	526.5E-3	5.50	-2.5E-9	3.08	3.3E-9	17.9E-9	927.3E-3	540.6E-3	5.55	-2.7E-9
1083	3.04	926.9E-12	20.9E-9	925.0E-3	524.8E-3	5.73	-3.1E-9	3.09	795.7E-12	15.3E-9	942.3E-3	536.7E-3	5.82	-511.0E-12
1084	3.02	1.2E-9	23.9E-9	922.8E-3	529.7E-3	5.78	-3.7E-9	3.10	4.7E-9	22.7E-9	944.5E-3	537.2E-3	5.85	-428.2E-12
1085	3.15	4.9E-9	20.3E-9	912.7E-3	523.9E-3	5.34	-1.5E-9	3.21	4.9E-9	15.0E-9	929.6E-3	538.6E-3	5.39	-4.6E-9
1086	3.07	940.9E-12	23.2E-9	921.8E-3	522.4E-3	5.58	-550.0E-12	3.11	1.2E-9	24.5E-9	944.1E-3	533.8E-3	5.64	-208.8E-12
1087	3.09	4.3E-9	24.8E-9	911.3E-3	522.1E-3	5.75	-2.3E-9	3.13	4.4E-9	20.7E-9	927.7E-3	529.6E-3	5.83	-3.1E-9
1088	3.07	3.5E-9	22.1E-9	920.7E-3	529.3E-3	5.49	-4.3E-9	3.13	3.6E-9	23.4E-9	946.3E-3	535.0E-3	5.54	-3.5E-9
1089	3.19	728.9E-12	22.4E-9	911.0E-3	523.9E-3	5.66	-4.9E-9	3.23	1.3E-9	19.7E-9	926.6E-3	530.9E-3	5.69	-4.0E-9
1090	3.04	3.2E-9	23.5E-9	924.2E-3	528.3E-3	5.53	-975.2E-12	3.13	1.2E-9	22.5E-9	935.7E-3	540.5E-3	5.56	-2.1E-9
1091	3.04	2.9E-9	17.7E-9	923.1E-3	522.1E-3	5.57	-3.1E-9	3.12	166.3E-12	17.9E-9	935.9E-3	535.0E-3	5.60	-855.6E-12
1092	3.11	3.1E-9	25.0E-9	920.4E-3	521.3E-3	5.39	-2.8E-9	3.16	368.5E-12	15.8E-9	945.7E-3	527.9E-3	5.43	-261.9E-12
1093	3.12	933.9E-12	22.2E-9	915.9E-3	525.2E-3	5.49	-789.2E-12	3.18	1.3E-9	24.9E-9	939.2E-3	538.8E-3	5.52	-2.6E-9
1094	3.17	3.2E-9	17.8E-9	911.8E-3	520.3E-3	5.72	-2.0E-9	3.22	2.9E-9	20.1E-9	929.2E-3	527.4E-3	5.79	-1.3E-9
1095	3.03	3.6E-9	23.0E-9	923.4E-3	525.4E-3	5.36	-1.7E-9	3.11	3.7E-9	22.0E-9	938.9E-3	537.5E-3	5.44	-4.4E-9
1096	3.05	2.4E-9	23.3E-9	910.8E-3	527.6E-3	5.66	-2.1E-9	3.10	2.3E-9	24.5E-9	937.6E-3	538.5E-3	5.73	-1.2E-9
1097	3.08	201.3E-12	19.3E-9	924.5E-3	527.2E-3	5.61	-3.0E-9	3.15	3.1E-9	24.0E-9	948.8E-3	535.3E-3	5.64	-913.1E-12
1098	3.06	2.5E-9	16.0E-9	920.8E-3	525.4E-3	5.59	-4.3E-9	3.11	1.7E-9	20.5E-9	940.6E-3	536.6E-3	5.66	-3.0E-9
1099	3.06	1.7E-9	21.9E-9	915.1E-3	529.7E-3	5.75	-2.5E-9	3.09	5.0E-9	22.2E-9	937.9E-3	542.0E-3	5.78	-4.9E-9
1100	3.14	2.9E-9	22.9E-9	916.2E-3	522.9E-3	5.54	-1.6E-9	3.23	709.3E-12	23.7E-9	937.9E-3	534.7E-3	5.62	-941.0E-12
1101	3.16	1.3E-9	23.6E-9	911.3E-3	520.0E-3	5.59	-4.4E-9	3.22	1.5E-9	17.8E-9	921.3E-3	527.8E-3	5.62	-4.2E-9
1102	3.06	353.8E-12	22.6E-9	916.8E-3	523.6E-3	5.38	-3.2E-9	3.09	1.5E-9	22.9E-9	934.9E-3	537.9E-3	5.46	-4.6E-9
1103	3.08	3.5E-9	20.3E-9	916.1E-3	521.5E-3	5.56	-2.4E-9	3.16	1.5E-9	23.9E-9	934.5E-3	531.3E-3	5.61	-5.0E-9
1104	3.11	2.4E-9	24.4E-9	918.9E-3	522.2E-3	5.37	-457.7E-12	3.17	2.0E-9	20.2E-9	942.9E-3	530.1E-3	5.43	-3.3E-9
1105	3.04	3.0E-9	20.7E-9	917.5E-3	524.5E-3	5.79	-4.5E-9	3.08	1.6E-9	23.7E-9	941.3E-3	539.3E-3	5.87	-529.6E-12

Steady State Gate Bias
Mil-Std 750 M 1042-B, 1000hrs, VGS= -24V, 150°C
Lot 7210

SN	Initials							168Hr End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSON 10V	GFS 3.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSON 10V	GFS 3.5A	IGSS -30V
1106	3.04	312.3E-12	15.7E-9	916.2E-3	524.5E-3	5.78	-2.7E-9	3.10	4.0E-9	19.5E-9	939.8E-3	536.2E-3	5.83	-55.3E-12
1107	3.13	2.9E-9	22.8E-9	916.9E-3	522.6E-3	5.43	-781.0E-12	3.21	2.1E-9	18.9E-9	937.6E-3	532.7E-3	5.50	-3.2E-9
1108	3.16	3.1E-9	16.4E-9	912.0E-3	520.6E-3	5.79	-2.1E-9	3.25	4.8E-9	18.9E-9	926.9E-3	531.0E-3	5.83	-3.0E-9
1109	3.17	2.5E-9	17.6E-9	920.9E-3	529.2E-3	5.76	-3.7E-9	3.23	4.5E-9	15.8E-9	932.7E-3	535.9E-3	5.84	-4.4E-9
1110	3.13	2.4E-9	20.5E-9	917.2E-3	520.3E-3	5.61	-4.9E-9	3.22	4.9E-9	22.3E-9	927.6E-3	534.9E-3	5.69	-2.7E-9
1111	3.07	1.1E-9	20.0E-9	915.5E-3	522.4E-3	5.49	-2.3E-9	3.12	2.3E-9	19.5E-9	936.9E-3	536.8E-3	5.52	-5.0E-9
1112	3.05	4.8E-9	20.0E-9	915.1E-3	528.8E-3	5.33	-4.5E-9	3.12	2.3E-9	17.3E-9	926.9E-3	535.1E-3	5.41	-2.0E-9
1113	3.05	4.7E-9	15.8E-9	916.4E-3	524.4E-3	5.49	-4.5E-9	3.10	4.2E-9	24.5E-9	936.7E-3	531.7E-3	5.52	-2.0E-9
1114	3.13	4.1E-9	22.5E-9	916.0E-3	523.5E-3	5.76	-243.8E-12	3.17	401.9E-12	20.8E-9	941.8E-3	536.3E-3	5.83	-1.1E-9
1115	3.20	2.7E-9	24.4E-9	910.0E-3	529.9E-3	5.36	-3.0E-9	3.27	4.1E-9	19.7E-9	927.8E-3	539.4E-3	5.40	-181.0E-12
1116	3.19	627.7E-12	23.5E-9	917.7E-3	522.2E-3	5.57	-888.3E-12	3.25	4.1E-9	15.7E-9	927.3E-3	531.6E-3	5.65	-3.1E-9
1117	3.11	3.1E-9	23.2E-9	910.0E-3	524.7E-3	5.51	-3.2E-9	3.18	3.3E-9	24.3E-9	923.9E-3	533.6E-3	5.56	-3.1E-9
1118	3.19	2.0E-9	22.1E-9	919.6E-3	524.1E-3	5.33	-3.0E-9	3.24	3.5E-9	15.4E-9	929.6E-3	539.3E-3	5.37	-3.4E-9
1119	3.09	2.4E-9	16.6E-9	912.7E-3	527.7E-3	5.55	-2.2E-9	3.16	2.8E-9	18.6E-9	922.0E-3	540.1E-3	5.60	-4.6E-9
1120	3.03	3.3E-9	21.7E-9	918.4E-3	525.7E-3	5.37	-4.6E-9	3.08	1.3E-9	22.0E-9	941.1E-3	533.1E-3	5.41	-3.7E-9
1121	3.04	2.0E-9	24.0E-9	916.4E-3	524.8E-3	5.79	-3.7E-9	3.09	1.7E-9	21.8E-9	926.2E-3	532.2E-3	5.86	-3.8E-9
1122	3.05	2.7E-9	15.3E-9	922.2E-3	523.2E-3	5.68	-1.3E-9	3.09	4.0E-9	15.5E-9	933.6E-3	537.8E-3	5.74	-3.0E-9
1123	3.20	3.0E-9	19.5E-9	913.1E-3	522.5E-3	5.36	-3.0E-9	3.26	2.6E-9	21.6E-9	934.6E-3	530.9E-3	5.41	-2.8E-9
1124	3.17	1.1E-9	20.4E-9	917.1E-3	526.8E-3	5.51	-4.9E-9	3.21	4.4E-9	16.9E-9	943.6E-3	533.6E-3	5.58	-194.6E-12
1125	3.19	1.5E-9	19.4E-9	918.4E-3	528.1E-3	5.35	-5.0E-9	3.27	3.8E-9	20.7E-9	938.3E-3	536.8E-3	5.40	-802.5E-12
1126	3.03	4.3E-9	23.9E-9	923.1E-3	526.4E-3	5.60	-386.7E-12	3.07	4.7E-9	22.2E-9	938.4E-3	533.4E-3	5.68	-2.2E-9
1127	3.01	4.0E-9	16.0E-9	920.4E-3	520.5E-3	5.70	-2.2E-9	3.05	2.3E-9	18.5E-9	947.9E-3	531.7E-3	5.77	-19.4E-12
1128	3.20	3.9E-9	17.0E-9	923.6E-3	522.1E-3	5.47	-419.1E-12	3.29	1.1E-9	22.7E-9	937.2E-3	533.6E-3	5.54	-4.0E-9
1129	3.11	4.6E-9	16.9E-9	924.0E-3	529.3E-3	5.51	-652.8E-12	3.17	4.0E-9	18.9E-9	936.2E-3	544.4E-3	5.55	-2.3E-9
1130	3.03	3.0E-9	20.6E-9	918.6E-3	527.2E-3	5.57	-4.9E-9	3.09	2.4E-9	18.5E-9	940.1E-3	538.1E-3	5.61	-2.3E-9
1131	3.14	37.4E-12	24.1E-9	912.9E-3	528.2E-3	5.62	-1.5E-9	3.23	4.4E-9	17.8E-9	930.6E-3	538.7E-3	5.67	-2.0E-9

Steady State Gate Bias
Mil-Std 750 M 1042-B, 1000hrs, VGS= -24V, 150°C
Lot 7210

SN	Initials							168Hr End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSON 10V	GFS 3.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSON 10V	GFS 3.5A	IGSS -30V
1132	3.15	4.4E-9	24.6E-9	914.4E-3	521.8E-3	5.48	-4.5E-9	3.20	2.2E-9	18.8E-9	924.5E-3	527.1E-3	5.52	-1.2E-9
1133	3.05	4.8E-9	22.0E-9	913.0E-3	526.0E-3	5.50	-1.4E-9	3.08	2.1E-9	18.8E-9	923.3E-3	534.0E-3	5.53	-156.9E-12
1134	3.08	2.6E-9	18.7E-9	915.8E-3	524.5E-3	5.30	-3.3E-9	3.12	903.5E-12	22.0E-9	942.2E-3	532.2E-3	5.35	-3.2E-9
1135	3.01	326.0E-12	15.0E-9	912.8E-3	525.8E-3	5.78	-32.8E-12	3.04	2.9E-9	15.2E-9	938.4E-3	541.3E-3	5.85	-689.6E-12
1136	3.06	3.1E-9	16.1E-9	918.3E-3	520.3E-3	5.31	-5.0E-9	3.13	619.2E-12	22.8E-9	934.0E-3	531.1E-3	5.38	-3.2E-9
1137	3.03	3.2E-9	20.2E-9	924.0E-3	527.5E-3	5.76	-3.6E-9	3.07	1.4E-9	16.0E-9	936.4E-3	541.3E-3	5.84	-3.0E-9
1138	3.19	4.1E-9	22.2E-9	915.9E-3	524.2E-3	5.43	-382.2E-12	3.23	1.4E-9	16.4E-9	928.7E-3	535.8E-3	5.47	-2.0E-9
1139	3.06	4.5E-9	20.4E-9	921.7E-3	521.6E-3	5.46	-1.9E-9	3.14	1.0E-9	19.3E-9	932.0E-3	530.4E-3	5.51	-4.9E-9
1140	3.13	4.8E-9	22.7E-9	918.8E-3	520.9E-3	5.56	-1.4E-9	3.16	1.5E-9	23.7E-9	942.7E-3	528.8E-3	5.61	-1.6E-9
1141	3.12	569.1E-12	15.5E-9	921.2E-3	520.6E-3	5.71	-473.2E-12	3.16	3.0E-9	21.8E-9	940.7E-3	527.8E-3	5.75	-2.0E-9
1142	3.17	2.6E-9	23.9E-9	922.9E-3	527.3E-3	5.33	-3.3E-9	3.21	3.5E-9	15.8E-9	935.6E-3	536.8E-3	5.37	-3.7E-9
1143	3.11	2.8E-9	17.6E-9	911.4E-3	522.5E-3	5.49	-4.7E-9	3.16	3.9E-9	21.9E-9	932.0E-3	535.6E-3	5.52	-4.7E-9
1144	3.07	1.9E-9	17.1E-9	917.1E-3	529.0E-3	5.73	-3.1E-9	3.15	138.8E-12	23.5E-9	928.1E-3	536.4E-3	5.78	-1.5E-9
1145	3.11	4.3E-9	23.8E-9	917.6E-3	525.3E-3	5.79	-3.5E-9	3.17	1.7E-9	20.4E-9	944.8E-3	540.8E-3	5.85	-268.1E-12
1146	3.17	3.8E-9	17.2E-9	920.1E-3	520.8E-3	5.49	-87.9E-12	3.21	1.2E-9	17.5E-9	943.0E-3	526.8E-3	5.54	-3.8E-9
1147	3.08	970.3E-12	23.7E-9	917.9E-3	526.8E-3	5.58	-1.4E-9	3.13	4.7E-9	21.3E-9	943.3E-3	535.2E-3	5.65	-761.4E-12
1148	3.14	3.3E-9	16.1E-9	918.4E-3	528.3E-3	5.68	-1.3E-9	3.23	2.6E-9	23.5E-9	931.9E-3	538.5E-3	5.73	-4.0E-9
1149	3.14	821.3E-12	19.5E-9	912.3E-3	525.9E-3	5.40	-1.9E-9	3.19	15.9E-12	18.1E-9	933.6E-3	535.8E-3	5.45	-2.5E-9
1150	3.03	4.5E-9	22.4E-9	918.0E-3	522.6E-3	5.44	-4.3E-9	3.11	2.7E-9	15.6E-9	929.9E-3	529.3E-3	5.49	-3.1E-9
1151	3.15	1.3E-9	19.2E-9	910.6E-3	526.5E-3	5.76	-360.5E-12	3.22	1.9E-9	19.9E-9	933.5E-3	537.0E-3	5.82	-1.5E-9
1152	3.12	2.9E-9	21.2E-9	919.5E-3	522.8E-3	5.53	-3.4E-9	3.16	4.1E-9	19.3E-9	935.4E-3	536.3E-3	5.59	-4.7E-9
1153	3.02	3.4E-9	18.1E-9	915.8E-3	528.7E-3	5.59	-4.5E-9	3.05	3.6E-9	22.6E-9	930.6E-3	534.6E-3	5.67	-433.8E-12
1154	3.03	1.8E-9	21.8E-9	922.7E-3	523.3E-3	5.64	-2.3E-9	3.09	2.9E-9	20.6E-9	934.8E-3	536.6E-3	5.70	-97.3E-12
1155	3.15	403.8E-12	17.5E-9	924.2E-3	526.0E-3	5.35	-4.8E-9	3.24	135.0E-12	18.7E-9	950.9E-3	535.0E-3	5.43	-602.7E-12
1156	3.01	3.1E-9	16.2E-9	924.2E-3	529.6E-3	5.40	-254.4E-12	3.10	1.2E-9	15.7E-9	949.0E-3	542.2E-3	5.48	-2.3E-9

Steady State Gate Bias
Mil-Std 750 M 1042-B, 1000hrs, VGS= -24V, 150°C
Lot 7212

SN	Initials							168Hr End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSON 10V	GFS 3.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSON 10V	GFS 3.5A	IGSS -30V
1160	3.07	2.6E-9	23.7E-9	924.2E-3	523.6E-3	5.68	-1.1E-9	3.14	907.5E-12	16.2E-9	934.9E-3	530.6E-3	5.76	-3.7E-9
1161	3.02	610.6E-12	23.2E-9	924.5E-3	526.9E-3	5.35	-3.9E-9	3.08	2.5E-9	22.8E-9	949.1E-3	532.4E-3	5.38	-4.4E-9
1162	3.03	1.2E-9	17.7E-9	912.2E-3	524.3E-3	5.49	-911.9E-12	3.10	1.1E-9	19.7E-9	925.2E-3	535.5E-3	5.55	-4.0E-9
1163	3.09	2.6E-9	23.2E-9	921.5E-3	524.6E-3	5.40	-4.0E-9	3.14	2.6E-9	20.9E-9	937.6E-3	531.3E-3	5.47	-2.7E-9
1164	3.04	807.0E-12	15.7E-9	920.8E-3	521.5E-3	5.74	-5.0E-9	3.11	3.8E-9	16.5E-9	938.5E-3	527.4E-3	5.77	-519.6E-12
1165	3.06	3.1E-9	18.2E-9	914.1E-3	525.2E-3	5.75	-59.8E-12	3.12	3.0E-9	24.8E-9	932.0E-3	532.2E-3	5.83	-4.1E-9
1166	3.10	715.2E-12	22.8E-9	923.6E-3	523.2E-3	5.71	-3.3E-9	3.13	994.7E-12	15.9E-9	950.8E-3	531.4E-3	5.75	-4.4E-9
1167	3.18	4.7E-9	20.7E-9	916.6E-3	525.2E-3	5.47	-4.5E-9	3.28	4.6E-9	16.3E-9	932.5E-3	539.0E-3	5.50	-1.8E-9
1168	3.04	2.6E-9	17.6E-9	920.4E-3	522.1E-3	5.57	-1.5E-9	3.12	4.0E-9	21.8E-9	936.1E-3	528.6E-3	5.62	-3.1E-9
1169	3.17	1.7E-9	19.1E-9	915.1E-3	526.7E-3	5.42	-4.7E-9	3.26	2.5E-9	20.2E-9	940.6E-3	535.0E-3	5.46	-4.2E-9
1170	3.17	1.3E-9	18.5E-9	921.0E-3	528.1E-3	5.50	-621.8E-12	3.21	4.8E-9	22.0E-9	941.2E-3	537.3E-3	5.58	-4.8E-9
1171	3.04	4.2E-9	21.1E-9	920.9E-3	526.8E-3	5.66	-4.1E-9	3.12	2.6E-9	25.0E-9	934.8E-3	540.5E-3	5.72	-1.2E-9
1172	3.14	411.0E-12	15.9E-9	923.6E-3	521.0E-3	5.43	-1.1E-9	3.21	4.8E-9	24.6E-9	941.5E-3	530.7E-3	5.49	-688.2E-12
1173	3.00	2.5E-9	15.1E-9	918.9E-3	525.7E-3	5.71	-899.4E-12	3.06	2.0E-9	18.9E-9	934.6E-3	534.0E-3	5.78	-1.0E-9
1174	3.19	2.5E-9	17.9E-9	920.2E-3	526.0E-3	5.45	-1.1E-9	3.24	4.5E-9	18.8E-9	945.0E-3	538.8E-3	5.53	-4.2E-9
1175	3.10	3.0E-9	24.0E-9	920.9E-3	529.8E-3	5.38	-4.2E-9	3.14	211.8E-12	23.4E-9	931.8E-3	538.1E-3	5.42	-4.5E-9
1176	3.09	2.1E-9	24.8E-9	915.1E-3	527.3E-3	5.38	-2.8E-9	3.17	2.6E-9	19.1E-9	928.4E-3	540.8E-3	5.42	-3.3E-9
1177	3.01	3.1E-9	22.0E-9	915.5E-3	521.4E-3	5.42	-4.6E-9	3.06	4.4E-9	17.8E-9	937.9E-3	535.3E-3	5.50	-2.8E-9
1178	3.06	882.6E-12	16.8E-9	920.2E-3	525.8E-3	5.67	-419.3E-12	3.13	2.5E-9	20.8E-9	947.1E-3	533.8E-3	5.72	-690.3E-12
1179	3.12	4.8E-9	20.6E-9	924.3E-3	524.0E-3	5.32	-3.3E-9	3.16	2.2E-9	20.8E-9	947.9E-3	532.4E-3	5.36	-4.2E-9
1180	3.16	3.7E-9	22.8E-9	911.1E-3	528.6E-3	5.75	-481.4E-12	3.23	596.7E-12	21.9E-9	925.3E-3	536.1E-3	5.80	-608.4E-12
1181	3.10	2.5E-9	22.4E-9	910.2E-3	521.1E-3	5.38	-710.2E-12	3.19	3.0E-9	17.1E-9	926.7E-3	534.6E-3	5.45	-596.1E-12
1182	3.07	4.9E-9	25.0E-9	912.4E-3	527.7E-3	5.72	-4.9E-9	3.10	884.9E-12	18.7E-9	921.8E-3	535.1E-3	5.80	-262.4E-12
1183	3.09	2.1E-9	18.5E-9	913.7E-3	525.7E-3	5.37	-3.0E-9	3.18	1.3E-9	21.5E-9	939.5E-3	535.7E-3	5.44	-2.8E-9
1184	3.18	3.0E-9	16.0E-9	918.3E-3	526.4E-3	5.61	-3.5E-9	3.23	4.3E-9	16.8E-9	938.1E-3	535.0E-3	5.68	-3.1E-9
1185	3.01	2.7E-9	23.8E-9	923.2E-3	523.1E-3	5.35	-4.3E-9	3.06	202.2E-12	22.9E-9	936.2E-3	533.2E-3	5.39	-4.9E-9

Steady State Gate Bias
Mil-Std 750 M 1042-B, 1000hrs, VGS= -24V, 150°C
Lot 7212

SN	Initials							168Hr End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSOn 10V	GFS 3.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSOn 10V	GFS 3.5A	IGSS -30V
1186	3.19	1.9E-9	16.0E-9	923.1E-3	529.8E-3	5.34	-1.9E-9	3.26	4.9E-9	20.1E-9	937.5E-3	538.9E-3	5.37	-2.4E-9
1187	3.18	1.8E-9	20.9E-9	913.5E-3	524.0E-3	5.63	-1.0E-9	3.23	4.6E-9	22.0E-9	933.0E-3	530.2E-3	5.71	-3.9E-9
1188	3.11	3.1E-9	23.2E-9	912.1E-3	525.2E-3	5.46	-172.1E-12	3.20	2.2E-9	24.2E-9	937.4E-3	533.6E-3	5.53	-3.2E-9
1189	3.19	659.4E-12	15.2E-9	923.8E-3	526.7E-3	5.73	-2.9E-9	3.25	3.3E-9	22.7E-9	938.4E-3	535.4E-3	5.82	-273.7E-12
1190	3.17	4.3E-9	18.8E-9	924.1E-3	522.5E-3	5.56	-4.1E-9	3.24	3.0E-9	19.3E-9	933.6E-3	537.5E-3	5.63	-4.8E-9
1191	3.12	2.9E-9	17.9E-9	915.4E-3	524.7E-3	5.30	-4.1E-9	3.20	1.4E-9	18.6E-9	941.2E-3	538.9E-3	5.36	-2.7E-9
1192	3.15	1.9E-9	23.0E-9	922.5E-3	527.3E-3	5.67	-824.5E-12	3.19	2.4E-9	15.5E-9	945.6E-3	537.1E-3	5.73	-4.7E-9
1193	3.17	4.9E-9	17.0E-9	913.8E-3	520.3E-3	5.63	-4.3E-9	3.20	63.0E-12	17.7E-9	938.9E-3	525.5E-3	5.70	-2.6E-9
1194	3.03	1.2E-9	16.6E-9	910.5E-3	523.2E-3	5.36	-881.2E-12	3.11	1.3E-9	16.8E-9	923.2E-3	533.8E-3	5.43	-865.6E-12
1195	3.17	1.7E-9	22.3E-9	912.0E-3	523.5E-3	5.76	-4.0E-9	3.27	2.2E-9	24.8E-9	931.8E-3	532.7E-3	5.81	-4.2E-9
1196	3.19	1.2E-9	23.2E-9	921.3E-3	520.9E-3	5.62	-667.6E-12	3.23	2.2E-9	19.7E-9	944.9E-3	533.1E-3	5.67	-2.2E-9
1197	3.13	4.5E-9	17.6E-9	912.0E-3	527.9E-3	5.67	-4.0E-9	3.20	3.9E-9	17.7E-9	928.7E-3	538.3E-3	5.74	-3.1E-9
1198	3.02	2.5E-9	23.5E-9	922.0E-3	529.3E-3	5.60	-4.9E-9	3.06	316.3E-12	19.5E-9	940.4E-3	543.4E-3	5.63	-3.5E-9
1199	3.15	4.8E-9	15.0E-9	914.9E-3	528.8E-3	5.78	-3.7E-9	3.18	1.7E-9	19.6E-9	942.2E-3	537.0E-3	5.83	-296.3E-12
1200	3.15	3.7E-9	15.5E-9	914.1E-3	529.5E-3	5.45	-1.0E-9	3.24	3.1E-9	18.1E-9	935.0E-3	543.0E-3	5.48	-3.7E-9
1201	3.13	1.6E-9	21.0E-9	921.2E-3	528.2E-3	5.56	-3.2E-9	3.17	854.1E-12	17.1E-9	940.3E-3	543.3E-3	5.64	-4.0E-9
1202	3.01	1.7E-9	17.6E-9	910.0E-3	528.9E-3	5.47	-1.2E-9	3.08	3.2E-9	22.3E-9	928.4E-3	542.8E-3	5.54	-1.0E-9
1203	3.20	5.0E-9	19.7E-9	916.3E-3	524.8E-3	5.61	-4.6E-9	3.26	299.7E-12	19.0E-9	943.4E-3	538.5E-3	5.67	-4.8E-9
1204	3.06	2.7E-9	19.1E-9	919.3E-3	523.3E-3	5.32	-818.0E-12	3.12	1.7E-9	24.9E-9	937.3E-3	529.9E-3	5.37	-233.4E-12
1205	3.09	590.8E-12	18.8E-9	916.8E-3	524.2E-3	5.56	-3.2E-9	3.18	3.7E-9	16.7E-9	931.6E-3	537.4E-3	5.63	-4.7E-9
1206	3.07	4.7E-9	22.6E-9	917.5E-3	527.2E-3	5.72	-2.4E-9	3.15	3.7E-9	24.7E-9	928.6E-3	543.0E-3	5.77	-293.2E-12
1207	3.08	1.9E-9	22.8E-9	911.4E-3	525.0E-3	5.54	-2.1E-9	3.13	576.3E-12	24.0E-9	936.8E-3	537.2E-3	5.59	-2.7E-9
1208	3.04	1.1E-9	17.1E-9	914.9E-3	528.6E-3	5.48	-1.8E-9	3.09	4.5E-9	16.9E-9	934.9E-3	534.5E-3	5.53	-2.1E-9
1209	3.00	4.0E-9	23.9E-9	910.1E-3	528.8E-3	5.44	-1.6E-9	3.08	1.9E-9	15.5E-9	923.2E-3	539.9E-3	5.47	-4.8E-9
1210	3.16	13.6E-12	16.0E-9	919.1E-3	526.3E-3	5.38	-3.1E-9	3.25	2.0E-9	19.2E-9	929.3E-3	540.2E-3	5.44	-3.3E-9
1211	3.09	146.9E-12	22.4E-9	914.5E-3	520.5E-3	5.79	-691.0E-12	3.18	2.6E-9	22.8E-9	937.1E-3	534.4E-3	5.82	-2.6E-9

Steady State Gate Bias
Mil-Std 750 M 1042-B, 1000hrs, VGS= -24V, 150°C
Lot 7212

SN	Initials							168Hr End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSON 10V	GFS 3.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSON 10V	GFS 3.5A	IGSS -30V
1212	3.18	4.6E-9	24.3E-9	910.7E-3	521.4E-3	5.44	-2.5E-9	3.24	3.8E-9	23.6E-9	931.0E-3	530.1E-3	5.49	-4.9E-9
1213	3.15	4.1E-9	17.7E-9	919.7E-3	528.6E-3	5.42	-123.2E-12	3.21	4.8E-9	23.2E-9	942.4E-3	542.5E-3	5.47	-4.5E-9
1214	3.18	4.0E-9	20.5E-9	916.9E-3	523.0E-3	5.58	-1.9E-9	3.25	3.7E-9	22.7E-9	932.0E-3	536.0E-3	5.62	-4.0E-9
1215	3.18	4.7E-9	21.3E-9	914.4E-3	526.1E-3	5.76	-4.9E-9	3.28	2.5E-9	17.1E-9	930.2E-3	532.0E-3	5.83	-3.4E-9
1216	3.11	1.1E-9	21.9E-9	924.1E-3	523.4E-3	5.58	-3.8E-9	3.15	2.3E-9	15.4E-9	934.3E-3	534.6E-3	5.64	-2.0E-9
1217	3.13	1.2E-9	18.6E-9	910.6E-3	528.1E-3	5.52	-3.2E-9	3.17	4.9E-9	24.1E-9	924.1E-3	535.2E-3	5.57	-3.9E-9
1218	3.01	3.8E-9	23.0E-9	924.0E-3	524.5E-3	5.76	-2.0E-9	3.06	1.3E-9	15.7E-9	939.8E-3	535.2E-3	5.82	-313.2E-12
1219	3.09	2.9E-9	18.6E-9	919.5E-3	529.9E-3	5.56	-770.7E-12	3.13	1.9E-9	18.8E-9	931.6E-3	535.4E-3	5.61	-4.9E-9
1220	3.18	4.7E-9	21.4E-9	919.0E-3	528.3E-3	5.64	-977.0E-12	3.26	1.5E-9	23.0E-9	939.8E-3	536.9E-3	5.67	-808.9E-12
1221	3.02	3.7E-9	22.2E-9	912.4E-3	521.5E-3	5.46	-152.8E-12	3.10	2.4E-9	15.2E-9	923.0E-3	527.3E-3	5.51	-3.3E-9
1222	3.13	3.4E-9	18.5E-9	916.4E-3	524.7E-3	5.41	-2.2E-9	3.22	2.9E-9	18.6E-9	943.3E-3	537.1E-3	5.45	-721.6E-12
1223	3.02	2.0E-9	21.9E-9	913.0E-3	527.9E-3	5.66	-377.8E-12	3.06	4.3E-9	24.0E-9	929.0E-3	540.8E-3	5.71	-4.9E-9
1224	3.12	2.1E-9	16.4E-9	918.4E-3	520.5E-3	5.68	-2.1E-9	3.16	2.4E-9	22.5E-9	943.4E-3	526.0E-3	5.73	-2.2E-9
1225	3.17	1.6E-9	22.3E-9	924.5E-3	526.0E-3	5.62	-323.8E-12	3.26	3.6E-9	19.5E-9	947.0E-3	537.6E-3	5.68	-4.8E-9
1226	3.06	1.1E-9	22.9E-9	921.0E-3	529.7E-3	5.61	-3.3E-9	3.13	2.8E-9	17.9E-9	932.3E-3	537.6E-3	5.65	-3.9E-9
1227	3.07	4.4E-9	22.3E-9	910.3E-3	524.8E-3	5.64	-3.5E-9	3.12	3.5E-9	16.1E-9	932.3E-3	536.4E-3	5.68	-3.7E-9
1228	3.09	3.9E-9	20.0E-9	910.5E-3	527.7E-3	5.59	-2.2E-9	3.14	3.3E-9	21.9E-9	924.4E-3	543.1E-3	5.67	-1.6E-9
1229	3.06	1.7E-9	16.1E-9	924.9E-3	521.0E-3	5.78	-1.2E-9	3.11	1.4E-9	24.4E-9	937.7E-3	534.3E-3	5.84	-550.6E-12
1230	3.05	1.6E-9	16.0E-9	910.4E-3	525.9E-3	5.53	-4.3E-9	3.12	3.0E-9	17.8E-9	930.7E-3	534.2E-3	5.60	-4.6E-9
1231	3.19	2.7E-9	20.5E-9	915.8E-3	524.2E-3	5.50	-580.5E-12	3.26	1.7E-9	24.5E-9	935.7E-3	532.0E-3	5.56	-4.3E-9
1232	3.02	380.4E-12	18.3E-9	924.9E-3	529.1E-3	5.54	-1.4E-9	3.09	1.7E-9	23.1E-9	948.2E-3	539.7E-3	5.61	-2.1E-9
1233	3.07	639.0E-12	15.3E-9	922.4E-3	527.3E-3	5.52	-3.0E-9	3.16	4.7E-9	23.8E-9	935.9E-3	534.7E-3	5.55	-1.1E-9
1234	3.16	1.8E-9	15.2E-9	919.7E-3	524.9E-3	5.77	-2.0E-9	3.22	113.7E-12	19.3E-9	929.1E-3	534.0E-3	5.81	-4.8E-9
1235	3.19	1.7E-9	24.8E-9	910.8E-3	525.8E-3	5.39	-346.3E-12	3.26	1.3E-9	20.8E-9	931.7E-3	532.9E-3	5.44	-4.4E-9
1236	3.06	4.1E-9	24.2E-9	911.6E-3	521.3E-3	5.51	-725.4E-12	3.11	4.6E-9	15.4E-9	923.5E-3	527.8E-3	5.56	-959.7E-12

Steady State Reverse Bias

Steady State Reverse Bias
Mil-Std 750 M 1042-B, 1000hrs, VGS= 520V, 150°C
Lot 7103

SN	Initials							168Hr End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSN 10V	GFS 3.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSN 10V	GFS 3.5A	IGSS -30V
241	3.17	3.0E-9	16.9E-9	911.4E-3	524.7E-3	5.79	-3.5E-9	3.22	4.4E-9	23.2E-9	927.6E-3	531.6E-3	5.82	-2.6E-9
242	3.02	4.2E-9	17.7E-9	910.1E-3	524.0E-3	5.80	-2.5E-9	3.09	645.3E-12	15.9E-9	931.5E-3	530.5E-3	5.84	-627.8E-12
243	3.16	1.2E-9	24.8E-9	922.4E-3	526.5E-3	5.68	-2.0E-9	3.23	1.2E-9	19.9E-9	936.2E-3	540.5E-3	5.74	-4.4E-9
244	3.00	3.5E-9	18.6E-9	921.2E-3	521.5E-3	5.33	-4.9E-9	3.04	4.0E-9	21.5E-9	941.0E-3	533.6E-3	5.38	-2.8E-9
245	3.18	3.7E-9	18.4E-9	922.7E-3	529.5E-3	5.30	-2.0E-9	3.26	1.3E-9	21.8E-9	942.2E-3	538.4E-3	5.34	-3.1E-9
246	3.17	1.1E-9	21.5E-9	915.8E-3	520.0E-3	5.34	-832.2E-12	3.24	4.9E-9	17.5E-9	938.9E-3	532.2E-3	5.39	-4.8E-9
247	3.13	3.5E-9	23.8E-9	913.0E-3	521.1E-3	5.78	-4.8E-9	3.20	3.4E-9	16.2E-9	938.2E-3	533.1E-3	5.84	-4.5E-9
248	3.10	2.7E-9	17.0E-9	918.0E-3	523.2E-3	5.40	-2.1E-9	3.18	939.2E-12	23.8E-9	940.6E-3	528.7E-3	5.46	-1.5E-9
249	3.15	4.8E-9	16.2E-9	918.7E-3	524.8E-3	5.49	-2.4E-9	3.22	3.7E-9	23.7E-9	929.7E-3	537.7E-3	5.54	-3.8E-9
250	3.13	1.1E-9	19.4E-9	921.8E-3	522.4E-3	5.63	-3.5E-9	3.20	4.7E-9	19.9E-9	935.8E-3	536.7E-3	5.69	-3.0E-9
251	3.13	383.4E-12	16.0E-9	918.1E-3	527.5E-3	5.44	-2.9E-9	3.22	3.5E-9	15.9E-9	936.1E-3	536.8E-3	5.47	-3.0E-9
252	3.04	1.4E-9	20.6E-9	914.4E-3	526.7E-3	5.34	-1.7E-9	3.08	3.7E-9	24.4E-9	940.5E-3	541.1E-3	5.38	-4.9E-9
253	3.06	1.8E-9	20.9E-9	911.0E-3	528.7E-3	5.79	-2.4E-9	3.11	159.3E-12	24.2E-9	936.7E-3	544.2E-3	5.85	-284.8E-12
254	3.16	1.9E-9	23.5E-9	924.2E-3	522.7E-3	5.53	-2.4E-9	3.24	3.3E-9	20.4E-9	949.2E-3	532.4E-3	5.57	-4.0E-9
255	3.19	1.6E-9	18.0E-9	921.4E-3	526.3E-3	5.69	-4.1E-9	3.24	315.0E-12	21.9E-9	940.0E-3	541.0E-3	5.76	-901.4E-12
256	3.04	2.9E-9	18.0E-9	914.3E-3	522.1E-3	5.56	-97.1E-12	3.12	716.0E-12	16.6E-9	935.0E-3	534.9E-3	5.64	-2.8E-9
257	3.06	1.2E-9	18.8E-9	924.3E-3	520.4E-3	5.69	-3.0E-9	3.11	4.0E-9	18.2E-9	941.3E-3	531.2E-3	5.72	-2.6E-9
258	3.04	1.2E-9	15.9E-9	913.8E-3	520.3E-3	5.75	-4.6E-9	3.12	3.0E-9	21.6E-9	930.6E-3	534.4E-3	5.81	-3.9E-9
259	3.10	4.5E-9	23.4E-9	912.0E-3	528.6E-3	5.47	-2.0E-9	3.16	1.3E-9	15.4E-9	926.6E-3	543.4E-3	5.50	-774.9E-12
260	3.08	263.4E-12	23.2E-9	923.1E-3	525.6E-3	5.71	-1.1E-9	3.12	439.4E-12	15.4E-9	942.8E-3	535.6E-3	5.77	-3.3E-9
261	3.18	4.4E-9	20.1E-9	912.7E-3	522.5E-3	5.80	-4.8E-9	3.24	4.7E-9	23.1E-9	922.2E-3	528.8E-3	5.84	-4.7E-9
262	3.08	977.2E-12	22.8E-9	915.1E-3	522.5E-3	5.50	-2.4E-9	3.15	4.7E-9	24.8E-9	940.7E-3	534.1E-3	5.55	-1.8E-9
263	3.17	3.7E-9	20.0E-9	921.8E-3	527.0E-3	5.74	-2.8E-9	3.22	4.6E-9	20.5E-9	945.0E-3	533.3E-3	5.81	-3.8E-9
264	3.13	1.4E-9	19.9E-9	923.4E-3	527.0E-3	5.56	-3.6E-9	3.20	2.7E-9	19.7E-9	942.8E-3	541.9E-3	5.60	-2.7E-9
265	3.10	950.6E-12	23.0E-9	921.3E-3	521.6E-3	5.75	-4.9E-9	3.17	3.5E-9	16.6E-9	945.8E-3	532.8E-3	5.81	-4.3E-9
266	3.17	1.9E-9	18.9E-9	910.0E-3	524.6E-3	5.41	-1.5E-9	3.21	4.5E-9	17.0E-9	935.7E-3	538.7E-3	5.48	-1.8E-9

Steady State Reverse Bias
Mil-Std 750 M 1042-B, 1000hrs, VGS= 520V, 150°C
Lot 7103

SN	Initials							168Hr End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSON 10V	GFS 3.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSON 10V	GFS 3.5A	IGSS -30V
267	3.18	4.2E-9	20.4E-9	914.9E-3	524.4E-3	5.49	-1.7E-9	3.21	1.7E-9	18.2E-9	942.1E-3	538.1E-3	5.53	-1.4E-9
268	3.14	2.0E-9	21.6E-9	915.3E-3	520.3E-3	5.32	-255.6E-12	3.21	1.7E-9	21.5E-9	939.9E-3	535.1E-3	5.37	-1.9E-9
269	3.16	3.4E-9	21.3E-9	912.5E-3	521.2E-3	5.37	-1.6E-9	3.20	1.6E-9	17.7E-9	939.8E-3	527.8E-3	5.42	-1.4E-9
270	3.15	4.5E-9	21.2E-9	914.0E-3	525.2E-3	5.51	-2.4E-9	3.20	3.1E-9	17.1E-9	929.1E-3	533.3E-3	5.58	-3.9E-9
271	3.15	778.2E-12	22.4E-9	915.0E-3	523.1E-3	5.64	-2.8E-9	3.22	2.7E-9	20.3E-9	932.2E-3	532.7E-3	5.69	-2.8E-9
272	3.01	2.4E-9	23.3E-9	910.2E-3	524.9E-3	5.57	-271.7E-12	3.10	1.2E-9	20.9E-9	934.4E-3	534.3E-3	5.61	-4.5E-9
273	3.10	3.5E-9	15.5E-9	911.0E-3	524.1E-3	5.64	-2.6E-9	3.13	957.3E-12	16.1E-9	922.8E-3	535.7E-3	5.70	-2.0E-9
274	3.19	2.4E-9	23.1E-9	914.5E-3	524.7E-3	5.79	-3.1E-9	3.28	787.3E-12	21.6E-9	940.1E-3	533.5E-3	5.85	-3.6E-9
275	3.11	4.6E-9	20.9E-9	924.6E-3	526.8E-3	5.46	-492.7E-12	3.19	633.5E-12	22.3E-9	946.3E-3	538.6E-3	5.50	-3.3E-9
276	3.11	3.5E-9	18.5E-9	922.7E-3	525.0E-3	5.32	-771.5E-12	3.16	1.1E-9	23.8E-9	946.3E-3	537.0E-3	5.35	-1.2E-9
277	3.15	4.3E-9	20.7E-9	918.5E-3	527.4E-3	5.48	-3.8E-9	3.21	4.8E-9	22.5E-9	938.1E-3	534.8E-3	5.55	-1.8E-9
278	3.16	2.1E-9	16.4E-9	924.4E-3	524.9E-3	5.70	-1.1E-9	3.24	2.0E-9	20.2E-9	942.8E-3	531.4E-3	5.78	-1.1E-9
279	3.15	4.6E-9	24.0E-9	917.5E-3	529.5E-3	5.43	-981.4E-12	3.23	3.0E-9	23.4E-9	941.1E-3	538.1E-3	5.47	-4.3E-9
280	3.16	4.1E-9	24.7E-9	923.4E-3	520.4E-3	5.58	-4.4E-9	3.23	878.0E-12	22.0E-9	948.1E-3	527.8E-3	5.61	-1.8E-9
281	3.08	3.3E-9	23.1E-9	916.4E-3	520.1E-3	5.58	-1.9E-9	3.14	2.4E-9	22.7E-9	930.7E-3	529.3E-3	5.61	-2.0E-9
282	3.07	2.4E-9	17.5E-9	910.8E-3	524.8E-3	5.66	-3.7E-9	3.10	1.7E-9	19.9E-9	934.6E-3	537.8E-3	5.72	-4.5E-9
283	3.18	784.2E-12	20.1E-9	916.6E-3	529.2E-3	5.64	-4.2E-9	3.23	293.5E-12	17.9E-9	940.9E-3	539.1E-3	5.69	-3.4E-9
284	3.02	4.3E-9	16.0E-9	924.1E-3	524.6E-3	5.65	-321.9E-12	3.07	1.4E-9	21.3E-9	938.5E-3	539.0E-3	5.73	-541.3E-12
285	3.07	2.4E-9	18.9E-9	924.8E-3	523.7E-3	5.61	-2.6E-9	3.11	2.2E-9	22.1E-9	943.6E-3	529.5E-3	5.67	-3.2E-9
286	3.08	3.7E-9	15.1E-9	915.7E-3	526.3E-3	5.69	-3.5E-9	3.17	2.1E-9	22.6E-9	939.0E-3	539.8E-3	5.73	-4.5E-9
287	3.16	1.4E-9	17.2E-9	910.0E-3	528.2E-3	5.64	-355.3E-12	3.23	3.1E-9	18.1E-9	925.2E-3	533.8E-3	5.68	-3.4E-9
288	3.14	69.0E-12	24.6E-9	923.1E-3	522.4E-3	5.60	-958.6E-12	3.18	2.5E-9	15.6E-9	942.9E-3	537.3E-3	5.64	-3.6E-9
289	3.04	4.2E-9	20.5E-9	925.0E-3	527.4E-3	5.68	-3.5E-9	3.10	1.9E-9	18.3E-9	943.5E-3	537.5E-3	5.76	-1.4E-9
290	3.10	981.0E-12	18.0E-9	920.1E-3	520.5E-3	5.56	-3.9E-9	3.13	107.8E-12	24.5E-9	933.1E-3	527.0E-3	5.60	-988.1E-12
291	3.16	2.7E-9	15.6E-9	912.6E-3	529.7E-3	5.32	-13.1E-12	3.23	2.3E-9	20.9E-9	935.1E-3	539.3E-3	5.38	-2.1E-9
292	3.09	2.6E-9	16.2E-9	914.6E-3	527.4E-3	5.74	-921.0E-12	3.18	2.4E-9	21.1E-9	924.0E-3	535.9E-3	5.79	-2.5E-9

Steady State Reverse Bias
Mil-Std 750 M 1042-B, 1000hrs, VGS= 520V, 150°C
Lot 7103

SN	Initials							168Hr End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSON 10V	GFS 3.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSON 10V	GFS 3.5A	IGSS -30V
293	3.06	216.8E-12	19.8E-9	923.1E-3	525.8E-3	5.80	-3.6E-9	3.14	4.2E-9	22.2E-9	943.1E-3	533.6E-3	5.86	-870.6E-12
294	3.06	973.3E-12	24.8E-9	913.9E-3	526.3E-3	5.73	-3.1E-9	3.12	3.7E-9	24.9E-9	939.8E-3	532.9E-3	5.79	-3.1E-9
295	3.19	4.8E-9	22.0E-9	917.5E-3	523.7E-3	5.36	-2.3E-9	3.23	2.8E-9	22.2E-9	934.8E-3	531.0E-3	5.40	-4.4E-9
296	3.18	2.7E-9	17.0E-9	920.0E-3	528.9E-3	5.34	-2.0E-9	3.26	3.5E-9	15.5E-9	942.5E-3	539.1E-3	5.39	-4.3E-9
297	3.05	4.3E-9	23.9E-9	922.2E-3	528.8E-3	5.76	-3.6E-9	3.13	1.0E-9	20.8E-9	939.4E-3	542.1E-3	5.84	-257.4E-12
298	3.17	4.7E-9	17.5E-9	912.0E-3	522.8E-3	5.63	-1.6E-9	3.25	2.6E-9	16.9E-9	938.8E-3	535.0E-3	5.71	-1.8E-9
299	3.08	3.6E-9	24.0E-9	914.8E-3	521.1E-3	5.73	-4.9E-9	3.12	147.2E-12	22.9E-9	938.1E-3	528.0E-3	5.76	-927.4E-12
300	3.10	2.2E-9	21.1E-9	921.1E-3	525.7E-3	5.78	-2.2E-9	3.19	2.0E-9	23.8E-9	935.2E-3	541.3E-3	5.83	-1.4E-9
301	3.05	3.2E-9	19.6E-9	915.1E-3	526.0E-3	5.55	-2.1E-9	3.09	941.8E-12	20.3E-9	927.8E-3	534.1E-3	5.60	-3.6E-9
302	3.18	3.1E-9	16.9E-9	913.7E-3	529.3E-3	5.48	-4.4E-9	3.21	414.2E-12	20.2E-9	924.7E-3	536.7E-3	5.51	-2.9E-9
303	3.20	1.3E-9	24.5E-9	924.8E-3	528.3E-3	5.35	-559.6E-12	3.28	4.0E-9	19.7E-9	936.5E-3	533.6E-3	5.39	-4.3E-9
304	3.05	2.1E-9	17.9E-9	922.6E-3	527.1E-3	5.57	-1.4E-9	3.12	358.7E-12	19.0E-9	943.6E-3	541.2E-3	5.65	-81.9E-12
305	3.19	1.8E-9	18.1E-9	915.7E-3	520.3E-3	5.45	-3.4E-9	3.22	538.1E-12	16.5E-9	938.5E-3	530.7E-3	5.51	-4.1E-9
306	3.13	773.3E-12	20.1E-9	920.2E-3	526.8E-3	5.37	-2.1E-9	3.20	2.3E-9	24.9E-9	934.4E-3	538.9E-3	5.42	-3.9E-9
307	3.17	546.0E-12	24.9E-9	916.8E-3	525.7E-3	5.76	-1.7E-9	3.25	935.5E-12	21.5E-9	943.0E-3	535.3E-3	5.83	-98.0E-12
308	3.10	2.1E-9	20.0E-9	913.6E-3	527.2E-3	5.50	-1.7E-9	3.14	1.5E-9	20.8E-9	927.1E-3	533.5E-3	5.58	-4.1E-9
309	3.18	3.9E-9	18.1E-9	915.3E-3	528.3E-3	5.38	-1.5E-9	3.25	2.4E-9	24.8E-9	933.6E-3	542.2E-3	5.41	-4.0E-9
310	3.04	2.1E-9	23.4E-9	916.7E-3	527.3E-3	5.43	-243.4E-12	3.13	3.2E-9	16.4E-9	943.0E-3	538.8E-3	5.47	-3.8E-9
311	3.13	2.8E-9	16.0E-9	914.0E-3	526.3E-3	5.42	-1.4E-9	3.18	2.9E-9	15.3E-9	938.3E-3	535.3E-3	5.46	-2.4E-9
312	3.04	3.9E-9	18.2E-9	910.3E-3	525.1E-3	5.44	-3.0E-9	3.11	1.8E-9	24.0E-9	927.5E-3	533.6E-3	5.48	-2.4E-9
313	3.13	2.6E-9	15.4E-9	919.5E-3	528.2E-3	5.39	-749.3E-12	3.22	1.5E-9	22.8E-9	936.9E-3	543.0E-3	5.45	-1.7E-9
314	3.09	3.6E-9	19.7E-9	911.3E-3	522.0E-3	5.68	-4.5E-9	3.17	4.6E-9	21.5E-9	923.0E-3	534.3E-3	5.72	-353.5E-12
315	3.13	2.9E-9	17.2E-9	923.4E-3	525.9E-3	5.79	-4.4E-9	3.19	1.5E-9	16.0E-9	933.2E-3	538.9E-3	5.87	-3.5E-9
316	3.05	1.8E-9	22.2E-9	920.9E-3	522.7E-3	5.74	-2.4E-9	3.14	2.4E-9	20.8E-9	935.1E-3	530.0E-3	5.82	-4.4E-9
317	3.03	115.1E-12	19.6E-9	922.9E-3	521.0E-3	5.45	-3.6E-9	3.12	3.4E-9	22.6E-9	939.0E-3	526.7E-3	5.48	-992.1E-12

Steady State Reverse Bias
Mil-Std 750 M 1042-B, 1000hrs, VGS= 520V, 150°C
Lot 7210

SN	Initials							168Hr End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDS ON 10V	GFS 3.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDS ON 10V	GFS 3.5A	IGSS -30V
561	3.11	4.7E-9	15.8E-9	918.1E-3	529.7E-3	5.72	-4.4E-9	3.15	162.0E-12	18.9E-9	933.9E-3	542.5E-3	5.80	-4.6E-9
562	3.17	3.9E-9	16.2E-9	912.4E-3	525.3E-3	5.47	-3.3E-9	3.22	4.5E-9	19.5E-9	926.1E-3	531.0E-3	5.53	-4.8E-9
563	3.10	1.0E-9	16.7E-9	924.1E-3	522.8E-3	5.67	-4.1E-9	3.17	3.3E-9	24.3E-9	950.0E-3	535.3E-3	5.73	-3.9E-9
564	3.20	3.8E-9	17.4E-9	920.6E-3	521.0E-3	5.32	-456.1E-12	3.26	3.5E-9	18.3E-9	943.3E-3	530.8E-3	5.37	-21.1E-12
565	3.13	251.7E-12	21.0E-9	916.7E-3	526.5E-3	5.71	-4.5E-9	3.17	3.9E-9	16.6E-9	935.7E-3	533.9E-3	5.79	-3.8E-9
566	3.10	4.6E-9	23.6E-9	915.8E-3	523.8E-3	5.68	-3.1E-9	3.17	4.3E-9	16.8E-9	939.0E-3	529.6E-3	5.75	-819.8E-12
567	3.12	1.8E-9	19.8E-9	913.1E-3	520.5E-3	5.41	-3.7E-9	3.15	2.8E-9	21.0E-9	925.1E-3	531.0E-3	5.49	-105.1E-12
568	3.03	2.9E-12	24.3E-9	911.5E-3	527.6E-3	5.47	-3.1E-9	3.11	2.0E-9	24.8E-9	924.2E-3	535.4E-3	5.50	-1.9E-9
569	3.14	3.4E-9	16.3E-9	916.7E-3	529.2E-3	5.33	-3.3E-9	3.21	4.4E-9	24.9E-9	941.1E-3	538.8E-3	5.38	-4.2E-9
570	3.01	4.2E-9	16.7E-9	917.0E-3	523.2E-3	5.63	-4.4E-9	3.09	4.0E-9	24.3E-9	933.8E-3	538.2E-3	5.70	-1.3E-9
571	3.14	2.6E-9	22.5E-9	917.5E-3	529.8E-3	5.34	-1.7E-9	3.21	268.5E-12	21.7E-9	941.1E-3	536.9E-3	5.39	-716.0E-12
572	3.01	3.7E-9	18.1E-9	912.6E-3	521.1E-3	5.42	-4.4E-9	3.05	1.5E-9	24.1E-9	928.2E-3	536.2E-3	5.45	-4.7E-9
573	3.13	2.6E-9	24.2E-9	915.6E-3	527.1E-3	5.43	-473.5E-12	3.21	3.3E-9	15.3E-9	928.9E-3	533.7E-3	5.48	-874.5E-12
574	3.18	2.6E-9	21.8E-9	921.5E-3	525.0E-3	5.52	-4.3E-9	3.26	2.3E-9	16.6E-9	948.1E-3	537.0E-3	5.57	-4.9E-9
575	3.19	2.9E-9	23.6E-9	920.7E-3	525.0E-3	5.48	-4.2E-9	3.24	2.9E-9	15.3E-9	948.1E-3	536.9E-3	5.52	-2.5E-9
576	3.03	2.0E-12	24.5E-9	910.6E-3	522.7E-3	5.35	-2.2E-9	3.08	710.7E-12	23.8E-9	923.5E-3	530.8E-3	5.39	-1.2E-9
577	3.14	501.0E-12	19.4E-9	916.7E-3	529.9E-3	5.67	-529.8E-12	3.17	2.7E-9	18.1E-9	931.7E-3	543.4E-3	5.75	-4.1E-9
578	3.10	1.0E-9	21.2E-9	922.0E-3	524.6E-3	5.48	-2.4E-9	3.14	4.1E-9	16.1E-9	933.3E-3	536.9E-3	5.54	-2.2E-9
579	3.10	136.5E-12	17.4E-9	913.4E-3	521.3E-3	5.47	-2.2E-9	3.19	1.3E-9	24.0E-9	933.5E-3	529.7E-3	5.50	-3.6E-9
580	3.14	3.8E-9	19.3E-9	922.7E-3	521.0E-3	5.79	-1.6E-9	3.20	881.4E-12	21.2E-9	940.1E-3	531.7E-3	5.86	-2.8E-9
581	3.17	2.1E-9	22.3E-9	914.1E-3	526.0E-3	5.54	-1.2E-9	3.21	3.2E-9	17.3E-9	926.4E-3	537.4E-3	5.62	-3.2E-9
582	3.15	4.8E-9	24.3E-9	918.8E-3	527.3E-3	5.70	-3.0E-9	3.22	1.5E-9	22.1E-9	942.0E-3	541.9E-3	5.74	-5.0E-9
583	3.07	1.8E-9	20.7E-9	910.7E-3	529.1E-3	5.69	-2.4E-9	3.12	2.5E-9	18.6E-9	923.4E-3	542.4E-3	5.77	-750.5E-12
584	3.19	1.7E-9	18.8E-9	918.1E-3	527.8E-3	5.68	-967.4E-12	3.22	4.5E-9	20.9E-9	931.1E-3	542.1E-3	5.74	-4.8E-9
585	3.15	984.9E-12	17.8E-9	915.1E-3	525.6E-3	5.67	-4.2E-9	3.25	687.7E-12	22.1E-9	927.6E-3	532.5E-3	5.70	-988.7E-12
586	3.12	1.6E-9	17.7E-9	918.2E-3	525.0E-3	5.47	-1.7E-9	3.19	2.9E-9	19.2E-9	927.5E-3	537.9E-3	5.52	-1.5E-9

Steady State Reverse Bias
Mil-Std 750 M 1042-B, 1000hrs, VGS= 520V, 150°C
Lot 7210

SN	Initials							168Hr End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSOn 10V	GFS 3.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSOn 10V	GFS 3.5A	IGSS -30V
587	3.17	3.8E-9	21.3E-9	920.2E-3	527.1E-3	5.60	-2.0E-9	3.25	3.1E-9	17.5E-9	931.3E-3	539.2E-3	5.68	-400.2E-12
588	3.04	2.8E-9	22.8E-9	914.2E-3	520.8E-3	5.30	-3.7E-9	3.10	3.5E-9	21.5E-9	939.4E-3	532.0E-3	5.35	-2.6E-9
589	3.17	27.2E-12	17.6E-9	912.7E-3	520.8E-3	5.61	-3.1E-9	3.21	3.7E-9	19.9E-9	931.8E-3	532.2E-3	5.66	-651.7E-12
590	3.16	894.8E-12	16.5E-9	916.2E-3	528.2E-3	5.31	-377.9E-12	3.20	1.7E-9	16.2E-9	937.3E-3	535.4E-3	5.35	-3.4E-9
591	3.03	4.5E-9	24.2E-9	918.4E-3	522.0E-3	5.69	-3.7E-9	3.06	1.2E-9	23.4E-9	930.9E-3	529.8E-3	5.77	-3.5E-9
592	3.13	4.1E-9	24.4E-9	921.4E-3	522.5E-3	5.75	-1.6E-9	3.17	114.8E-12	22.1E-9	942.8E-3	530.2E-3	5.82	-2.1E-9
593	3.15	2.4E-9	23.3E-9	922.2E-3	528.0E-3	5.49	-4.5E-9	3.22	1.5E-9	19.8E-9	938.7E-3	541.3E-3	5.55	-579.4E-12
594	3.16	4.3E-9	24.8E-9	921.5E-3	521.6E-3	5.52	-1.9E-9	3.24	1.8E-9	18.0E-9	936.0E-3	530.3E-3	5.57	-3.1E-9
595	3.18	4.1E-9	19.5E-9	915.4E-3	522.5E-3	5.73	-3.9E-9	3.25	502.4E-12	18.8E-9	933.0E-3	537.3E-3	5.77	-984.4E-12
596	3.05	4.0E-9	15.1E-9	910.3E-3	528.1E-3	5.49	-3.6E-9	3.10	3.8E-9	15.7E-9	924.3E-3	542.8E-3	5.54	-3.9E-9
597	3.11	1.2E-9	23.1E-9	916.6E-3	526.2E-3	5.55	-2.0E-9	3.18	3.9E-9	18.3E-9	941.9E-3	535.0E-3	5.63	-2.5E-9
598	3.04	850.2E-12	22.7E-9	910.0E-3	528.2E-3	5.64	-1.2E-9	3.10	35.5E-12	18.7E-9	931.4E-3	542.4E-3	5.67	-3.0E-9
599	3.05	1.1E-9	21.3E-9	913.0E-3	529.3E-3	5.74	-554.9E-12	3.09	1.8E-9	21.2E-9	923.4E-3	542.0E-3	5.78	-1.5E-9
600	3.07	4.5E-9	24.7E-9	912.5E-3	524.7E-3	5.45	-5.0E-9	3.17	4.2E-9	22.2E-9	937.4E-3	539.1E-3	5.48	-4.5E-9
601	3.04	3.9E-9	17.3E-9	918.5E-3	520.3E-3	5.32	-45.6E-12	3.08	502.8E-12	24.9E-9	935.3E-3	525.7E-3	5.38	-434.9E-12
602	3.17	4.2E-9	19.1E-9	914.0E-3	529.9E-3	5.36	-3.7E-9	3.24	2.4E-9	18.9E-9	928.8E-3	536.0E-3	5.43	-343.6E-12
603	3.04	4.6E-9	21.2E-9	913.5E-3	524.9E-3	5.59	-1.8E-9	3.11	785.9E-12	23.0E-9	929.0E-3	540.6E-3	5.65	-894.6E-12
604	3.12	4.6E-9	15.3E-9	922.6E-3	523.2E-3	5.56	-2.7E-9	3.19	915.5E-12	21.8E-9	938.6E-3	532.3E-3	5.61	-4.3E-9
605	3.10	2.4E-9	21.4E-9	924.5E-3	523.8E-3	5.53	-4.2E-9	3.13	842.3E-12	20.1E-9	936.3E-3	529.9E-3	5.61	-4.1E-9
606	3.08	4.7E-9	17.5E-9	916.9E-3	529.3E-3	5.78	-1.5E-9	3.12	2.4E-9	20.1E-9	943.8E-3	539.3E-3	5.82	-3.2E-9
607	3.03	4.0E-9	16.5E-9	917.0E-3	522.4E-3	5.69	-4.3E-9	3.07	1.6E-9	16.8E-9	942.0E-3	528.5E-3	5.74	-151.9E-12
608	3.07	3.3E-9	21.0E-9	920.5E-3	526.5E-3	5.63	-1.6E-9	3.12	4.4E-9	21.8E-9	940.8E-3	538.7E-3	5.70	-4.8E-9
609	3.06	923.4E-12	18.5E-9	912.2E-3	525.2E-3	5.75	-1.2E-9	3.14	2.5E-9	20.2E-9	922.8E-3	536.1E-3	5.80	-4.1E-9
610	3.17	2.2E-9	24.6E-9	912.9E-3	528.4E-3	5.75	-2.9E-9	3.26	155.2E-12	20.6E-9	935.7E-3	542.5E-3	5.81	-3.3E-9
611	3.01	1.6E-9	18.8E-9	917.2E-3	529.6E-3	5.75	-476.9E-12	3.07	946.3E-12	20.6E-9	937.9E-3	535.2E-3	5.82	-2.1E-9
612	3.07	1.9E-9	17.2E-9	924.0E-3	525.4E-3	5.49	-1.7E-9	3.13	2.1E-9	15.8E-9	943.5E-3	538.6E-3	5.57	-3.5E-9

Steady State Reverse Bias
Mil-Std 750 M 1042-B, 1000hrs, VGS= 520V, 150°C
Lot 7210

SN	Initials							168Hr End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSN 10V	GFS 3.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSN 10V	GFS 3.5A	IGSS -30V
613	3.15	1.4E-9	19.1E-9	912.0E-3	526.1E-3	5.41	-3.7E-9	3.24	304.3E-12	19.0E-9	929.9E-3	532.6E-3	5.45	-1.8E-9
614	3.05	3.1E-9	24.2E-9	912.1E-3	523.8E-3	5.43	-342.3E-12	3.08	3.8E-9	21.1E-9	925.8E-3	529.1E-3	5.50	-3.9E-9
615	3.08	378.6E-12	16.3E-9	918.8E-3	526.5E-3	5.74	-2.9E-9	3.16	3.2E-9	19.1E-9	931.5E-3	539.6E-3	5.79	-4.5E-9
616	3.06	2.2E-9	19.0E-9	924.9E-3	528.7E-3	5.34	-104.7E-12	3.14	4.5E-9	18.8E-9	950.2E-3	538.7E-3	5.40	-3.6E-9
617	3.10	2.5E-9	15.3E-9	910.9E-3	525.4E-3	5.42	-2.3E-9	3.16	4.5E-9	20.1E-9	933.8E-3	540.1E-3	5.47	-1.4E-9
618	3.02	3.7E-9	17.6E-9	916.5E-3	526.4E-3	5.33	-3.2E-9	3.09	2.5E-9	15.8E-9	936.2E-3	531.9E-3	5.37	-4.6E-9
619	3.20	4.9E-9	16.1E-9	921.8E-3	525.9E-3	5.34	-1.1E-9	3.26	3.7E-9	20.0E-9	940.5E-3	538.1E-3	5.38	-2.9E-9
620	3.07	2.6E-9	16.9E-9	918.8E-3	520.9E-3	5.34	-825.7E-12	3.12	2.1E-9	19.9E-9	938.7E-3	526.3E-3	5.39	-669.8E-12
621	3.14	2.6E-9	21.1E-9	923.3E-3	524.1E-3	5.71	-3.1E-9	3.19	2.0E-9	18.4E-9	937.9E-3	530.0E-3	5.77	-4.3E-9
622	3.01	1.7E-9	17.4E-9	913.1E-3	520.5E-3	5.61	-1.8E-9	3.10	1.5E-9	16.4E-9	938.4E-3	535.3E-3	5.64	-772.5E-12
623	3.15	1.9E-9	17.9E-9	920.4E-3	527.3E-3	5.66	-1.0E-9	3.22	1.1E-9	19.0E-9	940.3E-3	541.8E-3	5.73	-3.7E-9
624	3.07	1.6E-9	16.2E-9	911.6E-3	523.0E-3	5.57	-2.5E-9	3.16	2.1E-9	20.4E-9	935.4E-3	536.5E-3	5.60	-1.2E-9
625	3.01	3.4E-9	18.0E-9	916.9E-3	520.1E-3	5.78	-5.0E-9	3.08	991.0E-12	18.6E-9	937.2E-3	532.6E-3	5.85	-1.6E-9
626	3.14	4.4E-9	19.7E-9	921.5E-3	521.7E-3	5.50	-604.8E-12	3.19	1.1E-9	18.7E-9	937.2E-3	531.9E-3	5.58	-3.3E-9
627	3.14	4.0E-9	20.6E-9	911.9E-3	526.5E-3	5.46	-2.6E-9	3.18	2.0E-9	23.0E-9	922.3E-3	540.2E-3	5.50	-1.6E-9
628	3.11	4.7E-9	22.4E-9	924.0E-3	522.5E-3	5.36	-4.3E-9	3.20	1.8E-9	21.2E-9	945.0E-3	537.6E-3	5.42	-112.3E-12
629	3.09	504.4E-12	24.0E-9	918.9E-3	523.7E-3	5.66	-4.5E-9	3.15	3.2E-9	17.2E-9	945.0E-3	533.3E-3	5.73	-3.5E-9
630	3.05	207.0E-12	15.6E-9	917.5E-3	523.9E-3	5.73	-748.5E-12	3.10	2.0E-9	22.2E-9	928.2E-3	534.5E-3	5.81	-3.7E-9
631	3.16	2.7E-9	18.9E-9	911.8E-3	526.7E-3	5.47	-1.5E-9	3.20	4.1E-9	24.6E-9	930.8E-3	540.9E-3	5.55	-4.1E-9
632	3.08	733.3E-12	18.5E-9	911.1E-3	529.8E-3	5.31	-1.5E-9	3.12	3.1E-9	17.5E-9	923.8E-3	543.8E-3	5.36	-157.9E-12
633	3.06	1.0E-9	21.7E-9	917.2E-3	521.0E-3	5.62	-1.4E-9	3.13	2.6E-9	16.2E-9	930.1E-3	531.4E-3	5.70	-4.6E-9
634	3.08	4.9E-9	19.3E-9	911.1E-3	520.2E-3	5.30	-3.9E-9	3.12	865.7E-12	23.6E-9	932.6E-3	533.1E-3	5.38	-737.2E-12
635	3.06	3.8E-9	20.2E-9	920.2E-3	525.1E-3	5.71	-2.4E-9	3.13	3.9E-9	16.1E-9	946.4E-3	533.0E-3	5.78	-686.5E-12
636	3.12	2.3E-9	24.3E-9	916.5E-3	524.0E-3	5.76	-1.0E-9	3.16	4.4E-9	18.5E-9	936.0E-3	535.4E-3	5.83	-1.1E-9
637	3.04	1.6E-9	20.9E-9	910.8E-3	527.5E-3	5.73	-4.2E-9	3.12	1.1E-9	20.7E-9	926.2E-3	541.1E-3	5.75	-4.1E-9

Steady State Reverse Bias
Mil-Std 750 M 1042-B, 1000hrs, VGS= 520V, 150°C
Lot 7212

SN	Initials							168Hr End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDS ON 10V	GFS 3.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDS ON 10V	GFS 3.5A	IGSS -30V
881	3.05	2.5E-9	24.7E-9	922.1E-3	525.5E-3	5.46	-2.7E-9	3.13	4.2E-9	20.4E-9	937.3E-3	536.7E-3	5.54	-3.5E-9
882	3.07	2.0E-9	24.6E-9	914.1E-3	527.3E-3	5.69	-2.3E-9	3.10	701.8E-12	18.4E-9	929.3E-3	539.9E-3	5.74	-2.9E-9
883	3.05	2.5E-9	21.9E-9	916.4E-3	525.1E-3	5.54	-3.3E-9	3.09	4.3E-9	20.9E-9	937.1E-3	536.9E-3	5.59	-4.6E-9
884	3.20	1.2E-9	22.8E-9	915.8E-3	524.5E-3	5.69	-3.6E-9	3.28	969.9E-12	22.2E-9	929.3E-3	536.3E-3	5.73	-1.6E-9
885	3.01	3.5E-9	15.6E-9	914.6E-3	529.4E-3	5.70	-1.2E-9	3.04	3.4E-9	23.9E-9	938.3E-3	545.0E-3	5.73	-1.0E-9
886	3.18	1.9E-9	19.6E-9	923.9E-3	527.2E-3	5.55	-2.9E-9	3.28	2.3E-9	19.1E-9	947.4E-3	540.2E-3	5.63	-1.7E-9
887	3.19	4.3E-9	24.1E-9	918.5E-3	528.7E-3	5.79	-1.8E-9	3.26	1.9E-9	19.2E-9	942.7E-3	538.4E-3	5.82	-1.4E-9
888	3.08	2.8E-9	24.6E-9	924.3E-3	521.6E-3	5.78	-379.3E-12	3.13	1.2E-9	21.1E-9	947.9E-3	532.4E-3	5.81	-1.1E-9
889	3.07	808.3E-12	15.7E-9	916.5E-3	524.7E-3	5.67	-4.1E-9	3.14	4.2E-9	21.3E-9	927.8E-3	530.1E-3	5.72	-2.8E-9
890	3.20	4.8E-9	20.2E-9	910.4E-3	525.0E-3	5.34	-734.9E-12	3.26	4.0E-9	18.8E-9	922.5E-3	533.5E-3	5.38	-3.6E-9
891	3.05	2.9E-9	18.2E-9	913.6E-3	525.4E-3	5.54	-2.1E-9	3.12	2.7E-9	15.6E-9	935.8E-3	531.4E-3	5.57	-4.8E-9
892	3.10	4.7E-9	24.7E-9	921.0E-3	526.1E-3	5.60	-1.5E-9	3.16	4.9E-9	24.4E-9	943.7E-3	534.0E-3	5.64	-4.6E-9
893	3.09	3.6E-9	24.7E-9	924.5E-3	528.8E-3	5.63	-56.6E-12	3.12	3.1E-9	17.8E-9	937.7E-3	539.4E-3	5.66	-1.7E-9
894	3.06	2.2E-9	17.2E-9	915.6E-3	524.1E-3	5.33	-688.4E-12	3.13	4.6E-9	23.5E-9	933.4E-3	539.3E-3	5.38	-3.1E-9
895	3.06	2.1E-9	17.6E-9	922.7E-3	528.3E-3	5.40	-1.5E-9	3.14	1.0E-9	15.0E-9	939.8E-3	542.9E-3	5.46	-1.1E-9
896	3.06	2.1E-9	23.7E-9	913.3E-3	529.4E-3	5.48	-3.0E-9	3.12	4.0E-9	23.9E-9	938.6E-3	537.6E-3	5.51	-3.0E-9
897	3.15	2.4E-9	17.0E-9	911.0E-3	528.0E-3	5.79	-1.5E-9	3.20	3.7E-9	18.3E-9	927.8E-3	534.7E-3	5.85	-1.0E-9
898	3.15	3.8E-9	16.9E-9	918.5E-3	520.9E-3	5.31	-924.3E-12	3.22	1.2E-9	22.8E-9	939.3E-3	530.4E-3	5.36	-4.7E-9
899	3.04	2.8E-9	18.7E-9	915.3E-3	525.3E-3	5.41	-3.0E-9	3.13	2.2E-9	24.0E-9	934.0E-3	538.2E-3	5.48	-4.4E-9
900	3.06	2.5E-9	17.5E-9	912.3E-3	524.4E-3	5.80	-1.6E-9	3.10	4.7E-9	19.7E-9	935.9E-3	538.7E-3	5.87	-747.8E-12
901	3.10	1.8E-9	20.8E-9	920.5E-3	526.1E-3	5.47	-2.1E-9	3.14	4.4E-9	22.8E-9	939.5E-3	534.4E-3	5.50	-4.6E-9
902	3.18	2.8E-9	15.4E-9	912.5E-3	524.7E-3	5.48	-2.6E-9	3.26	2.8E-9	18.5E-9	930.6E-3	538.9E-3	5.52	-3.7E-9
903	3.18	4.3E-9	16.7E-9	921.8E-3	524.3E-3	5.58	-3.7E-9	3.23	451.3E-12	19.5E-9	932.1E-3	532.8E-3	5.62	-1.0E-9
904	3.01	1.7E-9	23.9E-9	919.4E-3	520.5E-3	5.37	-2.6E-9	3.08	4.2E-9	23.0E-9	930.0E-3	528.5E-3	5.44	-3.2E-9
905	3.04	315.5E-12	23.3E-9	918.3E-3	523.3E-3	5.79	-4.7E-9	3.10	2.6E-9	18.8E-9	938.5E-3	538.8E-3	5.87	-3.9E-9
906	3.07	3.0E-9	19.4E-9	913.3E-3	528.2E-3	5.45	-2.1E-9	3.16	2.4E-9	18.4E-9	937.9E-3	536.1E-3	5.52	-3.9E-9

Steady State Reverse Bias
Mil-Std 750 M 1042-B, 1000hrs, VGS= 520V, 150°C
Lot 7212

SN	Initials							168Hr End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSOn 10V	GFS 3.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSOn 10V	GFS 3.5A	IGSS -30V
907	3.03	4.8E-9	15.7E-9	920.8E-3	525.2E-3	5.40	-1.9E-9	3.06	1.1E-9	24.2E-9	940.0E-3	531.6E-3	5.47	-2.9E-9
908	3.13	3.5E-9	21.6E-9	916.7E-3	523.0E-3	5.66	-3.1E-9	3.21	2.0E-9	21.8E-9	941.0E-3	532.5E-3	5.69	-2.7E-9
909	3.04	4.5E-9	15.3E-9	910.1E-3	526.7E-3	5.67	-4.4E-9	3.10	2.2E-9	20.6E-9	926.5E-3	532.9E-3	5.70	-1.3E-9
910	3.04	3.3E-9	18.6E-9	916.3E-3	522.9E-3	5.51	-1.9E-9	3.09	1.9E-9	20.3E-9	926.0E-3	532.5E-3	5.58	-2.5E-9
911	3.12	4.4E-9	18.7E-9	916.1E-3	527.3E-3	5.49	-3.1E-9	3.17	2.7E-9	16.6E-9	927.3E-3	538.8E-3	5.53	-5.0E-9
912	3.09	3.8E-9	17.9E-9	910.5E-3	520.1E-3	5.40	-1.1E-9	3.13	977.4E-12	23.0E-9	936.3E-3	527.8E-3	5.44	-873.0E-12
913	3.06	635.8E-12	20.3E-9	915.6E-3	528.3E-3	5.66	-2.6E-9	3.11	3.9E-9	22.3E-9	940.0E-3	544.0E-3	5.69	-4.1E-9
914	3.14	3.3E-9	15.7E-9	911.6E-3	527.2E-3	5.48	-3.9E-9	3.19	1.6E-9	21.9E-9	930.7E-3	537.4E-3	5.55	-553.9E-12
915	3.14	4.1E-9	16.3E-9	917.4E-3	521.0E-3	5.64	-135.4E-12	3.18	4.4E-9	15.2E-9	934.2E-3	535.3E-3	5.70	-1.3E-9
916	3.10	102.4E-12	20.2E-9	910.5E-3	527.4E-3	5.57	-4.9E-9	3.15	1.9E-9	17.8E-9	924.1E-3	540.5E-3	5.64	-3.9E-9
917	3.04	330.1E-12	15.8E-9	917.1E-3	523.5E-3	5.54	-4.2E-9	3.11	1.1E-9	17.0E-9	931.5E-3	535.3E-3	5.57	-1.4E-9
918	3.05	2.9E-9	23.6E-9	918.7E-3	527.8E-3	5.79	-4.7E-9	3.10	4.5E-9	15.4E-9	928.4E-3	543.2E-3	5.88	-863.5E-12
919	3.19	3.4E-9	17.2E-9	921.5E-3	521.3E-3	5.57	-3.3E-9	3.27	3.6E-9	19.6E-9	941.0E-3	528.3E-3	5.63	-4.1E-9
920	3.09	1.6E-9	20.7E-9	917.5E-3	526.5E-3	5.35	-4.2E-9	3.16	3.9E-9	17.9E-9	941.5E-3	539.3E-3	5.38	-4.4E-9
921	3.01	3.3E-9	16.2E-9	920.1E-3	525.1E-3	5.72	-3.8E-9	3.10	531.0E-12	17.4E-9	944.4E-3	535.6E-3	5.78	-520.7E-12
922	3.02	2.7E-9	24.9E-9	922.9E-3	520.1E-3	5.62	-416.7E-12	3.10	2.6E-9	16.1E-9	943.3E-3	533.2E-3	5.68	-2.5E-9
923	3.10	350.3E-12	22.7E-9	919.4E-3	526.0E-3	5.76	-1.5E-9	3.16	371.2E-12	24.8E-9	946.3E-3	535.8E-3	5.83	-3.0E-9
924	3.05	36.0E-12	18.5E-9	918.7E-3	525.1E-3	5.33	-4.5E-9	3.13	3.7E-9	16.4E-9	932.2E-3	539.7E-3	5.40	-4.3E-9
925	3.07	2.1E-9	19.2E-9	920.7E-3	520.6E-3	5.33	-4.4E-9	3.15	1.9E-9	22.8E-9	932.1E-3	534.8E-3	5.38	-1.5E-9
926	3.17	735.6E-12	20.8E-9	916.9E-3	523.5E-3	5.50	-941.5E-12	3.25	1.5E-9	22.8E-9	932.7E-3	536.6E-3	5.56	-2.3E-9
927	3.16	2.2E-9	22.4E-9	924.6E-3	521.4E-3	5.48	-4.0E-9	3.22	3.0E-9	24.2E-9	942.5E-3	532.5E-3	5.53	-2.7E-9
928	3.16	2.2E-9	16.8E-9	910.7E-3	521.3E-3	5.49	-4.4E-9	3.23	614.2E-12	24.7E-9	921.2E-3	532.7E-3	5.57	-4.7E-9
929	3.15	3.7E-9	22.0E-9	915.4E-3	526.5E-3	5.77	-1.7E-9	3.24	4.2E-9	17.5E-9	929.7E-3	536.6E-3	5.85	-4.5E-9
930	3.05	2.8E-9	23.2E-9	922.4E-3	522.3E-3	5.47	-557.2E-12	3.12	4.1E-9	22.7E-9	940.7E-3	531.4E-3	5.54	-3.9E-9
931	3.05	2.4E-9	24.7E-9	915.3E-3	521.4E-3	5.49	-1.9E-9	3.08	991.1E-12	24.9E-9	926.8E-3	535.8E-3	5.55	-1.5E-9
932	3.05	3.7E-9	24.9E-9	915.8E-3	527.5E-3	5.56	-2.6E-9	3.08	4.3E-9	24.3E-9	933.7E-3	533.6E-3	5.59	-579.8E-12

Steady State Reverse Bias
Mil-Std 750 M 1042-B, 1000hrs, VGS= 520V, 150°C
Lot 7212

SN	Initials							168Hr End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSOn 10V	GFS 3.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSOn 10V	GFS 3.5A	IGSS -30V
933	3.07	4.3E-9	16.6E-9	915.7E-3	527.8E-3	5.42	-2.2E-9	3.11	1.5E-9	19.1E-9	931.1E-3	535.8E-3	5.49	-817.5E-12
934	3.06	1.8E-9	18.2E-9	922.9E-3	527.3E-3	5.67	-1.1E-9	3.11	4.0E-9	23.5E-9	933.8E-3	533.9E-3	5.74	-3.5E-9
935	3.07	2.2E-9	18.5E-9	911.1E-3	520.6E-3	5.75	-3.4E-9	3.14	2.6E-9	21.1E-9	934.8E-3	533.0E-3	5.80	-3.4E-9
936	3.17	1.6E-9	23.7E-9	914.7E-3	523.2E-3	5.38	-3.6E-9	3.21	2.9E-9	16.8E-9	941.3E-3	535.8E-3	5.43	-3.7E-9
937	3.12	3.7E-9	23.0E-9	910.4E-3	521.1E-3	5.55	-910.1E-12	3.18	1.7E-9	22.1E-9	919.7E-3	532.2E-3	5.58	-3.3E-9
938	3.18	4.8E-9	15.0E-9	921.1E-3	524.7E-3	5.76	-1.4E-9	3.23	1.7E-9	16.5E-9	933.1E-3	535.4E-3	5.85	-1.4E-9
939	3.14	5.7E-12	17.8E-9	915.4E-3	524.1E-3	5.48	-1.6E-9	3.22	253.9E-12	18.8E-9	938.9E-3	538.5E-3	5.55	-423.9E-12
940	3.19	675.1E-12	24.9E-9	921.8E-3	526.3E-3	5.42	-254.3E-12	3.27	3.9E-9	24.6E-9	944.8E-3	537.6E-3	5.48	-3.5E-9
941	3.09	2.2E-9	17.5E-9	923.1E-3	523.6E-3	5.65	-4.7E-9	3.13	2.3E-9	18.1E-9	932.4E-3	538.3E-3	5.72	-1.2E-9
942	3.19	1.8E-9	21.0E-9	919.6E-3	525.2E-3	5.31	-2.1E-9	3.28	3.4E-9	19.4E-9	943.9E-3	538.4E-3	5.39	-3.4E-9
943	3.07	2.3E-9	19.0E-9	919.5E-3	524.5E-3	5.64	-2.4E-9	3.13	1.5E-9	23.7E-9	944.1E-3	530.4E-3	5.72	-4.8E-12
944	3.04	401.6E-12	19.7E-9	914.7E-3	529.7E-3	5.76	-3.6E-9	3.08	1.7E-9	20.6E-9	926.0E-3	538.9E-3	5.80	-435.2E-12
945	3.09	2.3E-9	23.5E-9	916.4E-3	525.1E-3	5.66	-3.3E-9	3.14	4.2E-9	22.0E-9	942.5E-3	539.3E-3	5.73	-4.1E-9
946	3.12	787.3E-12	17.9E-9	913.3E-3	528.9E-3	5.41	-516.9E-12	3.16	438.5E-12	21.2E-9	931.1E-3	543.5E-3	5.45	-680.3E-12
947	3.10	2.1E-9	16.1E-9	910.3E-3	529.9E-3	5.79	-4.7E-9	3.16	846.6E-12	22.1E-9	926.4E-3	540.5E-3	5.84	-4.3E-9
948	3.05	3.8E-9	22.4E-9	914.3E-3	523.5E-3	5.61	-1.5E-9	3.08	2.8E-9	16.3E-9	928.6E-3	537.3E-3	5.68	-363.6E-12
949	3.09	3.9E-9	23.0E-9	919.9E-3	521.6E-3	5.37	-4.6E-9	3.14	2.1E-9	15.4E-9	929.4E-3	536.5E-3	5.44	-1.3E-9
950	3.17	4.3E-9	21.6E-9	910.0E-3	523.2E-3	5.71	-4.6E-9	3.22	4.8E-9	20.6E-9	931.8E-3	534.7E-3	5.77	-788.1E-12
951	3.13	2.8E-9	24.9E-9	913.4E-3	521.1E-3	5.38	-2.3E-9	3.22	2.2E-9	18.2E-9	932.3E-3	534.0E-3	5.45	-2.2E-9
952	3.08	3.6E-9	18.8E-9	919.0E-3	521.3E-3	5.57	-3.2E-9	3.17	945.0E-12	17.1E-9	942.4E-3	530.9E-3	5.61	-4.1E-9
953	3.13	4.5E-9	17.6E-9	913.0E-3	527.9E-3	5.70	-4.7E-9	3.17	4.7E-9	18.3E-9	928.8E-3	534.6E-3	5.74	-4.0E-9
954	3.14	2.3E-9	17.7E-9	914.0E-3	529.4E-3	5.61	-4.1E-9	3.20	5.0E-9	19.8E-9	923.8E-3	541.4E-3	5.69	-3.9E-9
955	3.11	4.7E-9	23.7E-9	911.1E-3	524.3E-3	5.65	-2.0E-9	3.19	2.0E-9	19.4E-9	934.0E-3	533.1E-3	5.72	-4.4E-9
956	3.19	982.4E-12	20.2E-9	911.7E-3	525.2E-3	5.69	-1.5E-9	3.26	1.7E-9	20.9E-9	928.5E-3	536.7E-3	5.75	-4.9E-9
957	3.12	1.0E-9	20.7E-9	919.5E-3	529.5E-3	5.63	-1.3E-9	3.21	119.3E-12	19.4E-9	938.7E-3	545.2E-3	5.70	-4.1E-9

***High Humidity, High
Temperature ,Reverse Bias
(H3TRB)***

High Temperature, High Humidity, Reverse Biase (H3TRB)

Mil-Std 750 M 1042-A, 1000hrs, VDS= 520V, 150°C, 85%

Lot 7103

SN	Initials							168Hr End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSON 10V	GFS 3.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSON 10V	GFS 3.5A	IGSS -30V
1500	3.05	4.2E-9	24.1E-9	924.0E-3	564.3E-3	5.77	-4.1E-9	3.11	1.1E-9	23.1E-9	938.4E-3	580.4E-3	5.84	-4.6E-9
1501	3.17	3.7E-9	19.3E-9	914.4E-3	564.1E-3	5.41	-2.7E-9	3.22	4.4E-9	17.7E-9	936.9E-3	579.2E-3	5.49	-3.8E-9
1502	3.17	3.8E-9	22.5E-9	913.6E-3	560.6E-3	5.58	-3.9E-9	3.24	1.1E-9	23.2E-9	939.2E-3	567.4E-3	5.63	-1.5E-9
1503	3.03	622.8E-12	17.0E-9	921.8E-3	566.0E-3	5.49	-1.6E-9	3.09	1.9E-9	21.0E-9	943.9E-3	574.6E-3	5.54	-3.4E-9
1504	3.04	2.2E-9	20.4E-9	910.3E-3	566.7E-3	5.59	-2.0E-9	3.11	4.1E-9	19.0E-9	920.4E-3	574.9E-3	5.67	-3.2E-9
1505	3.10	1.4E-9	16.4E-9	919.3E-3	562.1E-3	5.72	-4.9E-9	3.17	3.8E-9	23.1E-9	935.9E-3	573.6E-3	5.78	-3.1E-9
1506	3.19	1.6E-9	18.3E-9	914.5E-3	566.5E-3	5.37	-2.0E-9	3.24	845.3E-12	15.6E-9	929.0E-3	580.2E-3	5.42	-2.5E-9
1507	3.17	1.6E-9	18.3E-9	917.0E-3	568.2E-3	5.43	-4.1E-9	3.21	920.2E-12	23.9E-9	930.5E-3	577.1E-3	5.49	-1.6E-9
1508	3.06	1.2E-9	18.1E-9	922.9E-3	561.3E-3	5.69	-1.3E-9	3.14	3.5E-9	20.7E-9	949.9E-3	570.6E-3	5.76	-3.3E-9
1509	3.13	3.7E-9	24.1E-9	924.1E-3	565.6E-3	5.72	-1.8E-9	3.17	2.2E-9	15.9E-9	941.9E-3	575.8E-3	5.79	-2.2E-9
1510	3.08	3.9E-9	15.9E-9	917.1E-3	565.6E-3	5.38	-3.2E-12	3.11	2.8E-9	21.6E-9	937.3E-3	579.9E-3	5.46	-3.1E-9
1511	3.18	4.9E-9	23.6E-9	911.6E-3	565.5E-3	5.44	-4.6E-9	3.27	4.8E-9	20.0E-9	927.2E-3	576.9E-3	5.50	-503.2E-12
1512	3.17	852.6E-12	23.9E-9	916.3E-3	565.8E-3	5.79	-679.3E-12	3.23	3.6E-9	16.6E-9	942.5E-3	577.2E-3	5.86	-3.5E-9
1513	3.16	3.0E-9	24.6E-9	920.5E-3	565.2E-3	5.73	-4.4E-9	3.23	3.0E-9	23.2E-9	939.1E-3	580.8E-3	5.79	-4.2E-9
1514	3.08	3.3E-9	19.4E-9	913.7E-3	567.7E-3	5.76	-3.2E-9	3.16	2.9E-9	18.5E-9	929.3E-3	575.3E-3	5.84	-3.2E-9
1515	3.02	3.4E-9	15.6E-9	920.2E-3	562.7E-3	5.33	-4.9E-9	3.08	3.1E-9	22.0E-9	938.3E-3	569.2E-3	5.39	-3.5E-9
1516	3.18	2.6E-9	21.7E-9	911.2E-3	565.6E-3	5.36	-157.7E-12	3.25	1.3E-9	23.6E-9	926.0E-3	574.4E-3	5.44	-1.7E-9
1517	3.08	2.5E-9	22.0E-9	914.1E-3	560.3E-3	5.48	-3.4E-9	3.15	3.9E-9	16.9E-9	936.8E-3	570.0E-3	5.55	-3.4E-9
1518	3.04	2.7E-9	17.1E-9	917.8E-3	564.6E-3	5.49	-4.2E-9	3.08	2.3E-9	19.7E-9	931.2E-3	571.3E-3	5.57	-2.1E-9
1519	3.15	3.2E-9	23.5E-9	913.7E-3	560.6E-3	5.74	-4.0E-9	3.20	4.5E-9	20.6E-9	924.1E-3	567.9E-3	5.78	-780.3E-12
1520	3.00	1.8E-9	24.0E-9	915.3E-3	561.1E-3	5.59	-3.8E-9	3.06	2.1E-9	16.3E-9	938.5E-3	568.5E-3	5.66	-960.5E-12
1521	3.12	2.3E-9	15.7E-9	918.1E-3	563.9E-3	5.46	-1.3E-9	3.21	130.7E-12	16.2E-9	939.7E-3	573.8E-3	5.53	-652.3E-12
1522	3.01	3.2E-9	20.3E-9	917.6E-3	564.4E-3	5.35	-577.2E-12	3.06	5.0E-9	16.0E-9	926.9E-3	580.0E-3	5.39	-3.3E-9
1523	3.16	3.5E-9	16.6E-9	911.5E-3	568.5E-3	5.60	-2.7E-9	3.20	2.4E-9	15.3E-9	937.1E-3	582.1E-3	5.67	-4.3E-9
1524	3.04	1.4E-9	22.2E-9	910.6E-3	566.5E-3	5.32	-3.2E-9	3.08	3.0E-9	21.3E-9	937.5E-3	577.6E-3	5.37	-1.7E-9
1525	3.06	4.5E-9	18.9E-9	914.7E-3	565.2E-3	5.67	-3.3E-9	3.09	2.4E-9	15.0E-9	930.9E-3	577.4E-3	5.73	-2.5E-9

High Temperature, High Humidity, Reverse Biase (H3TRB)

Mil-Std 750 M 1042-A, 1000hrs, VDS= 520V, 150°C, 85%

Lot 7103

SN	Initials							168Hr End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSON 10V	GFS 3.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSON 10V	GFS 3.5A	IGSS -30V
1526	3.16	1.2E-9	17.3E-9	922.0E-3	565.3E-3	5.39	-4.5E-9	3.22	1.0E-9	20.1E-9	945.4E-3	575.7E-3	5.43	-2.6E-9
1527	3.00	265.7E-12	16.7E-9	916.7E-3	560.3E-3	5.35	-2.8E-9	3.04	4.5E-9	24.9E-9	936.5E-3	569.1E-3	5.42	-784.9E-12
1528	3.15	3.9E-9	22.6E-9	910.0E-3	562.6E-3	5.73	-4.7E-9	3.23	4.0E-9	21.1E-9	920.1E-3	576.5E-3	5.81	-4.6E-9
1529	3.07	2.1E-9	16.2E-9	924.9E-3	569.4E-3	5.53	-3.3E-9	3.15	3.7E-9	15.4E-9	950.0E-3	578.9E-3	5.59	-4.3E-9
1530	3.01	4.4E-9	17.0E-9	923.0E-3	562.2E-3	5.51	-3.6E-9	3.04	2.6E-9	19.4E-9	950.5E-3	570.9E-3	5.55	-20.8E-12
1531	3.19	2.8E-9	17.3E-9	919.8E-3	569.3E-3	5.72	-3.9E-9	3.26	4.7E-9	22.9E-9	930.8E-3	580.0E-3	5.78	-409.5E-12
1532	3.05	3.4E-9	22.8E-9	921.7E-3	567.2E-3	5.41	-3.9E-9	3.13	756.6E-12	16.9E-9	939.1E-3	579.2E-3	5.47	-4.5E-9
1533	3.07	3.3E-9	21.3E-9	914.0E-3	562.6E-3	5.44	-4.8E-9	3.15	5.0E-9	19.5E-9	938.5E-3	572.9E-3	5.48	-372.7E-12
1534	3.08	2.9E-9	15.5E-9	919.2E-3	566.6E-3	5.38	-71.9E-12	3.17	819.7E-12	23.1E-9	935.9E-3	572.6E-3	5.43	-3.7E-9
1535	3.11	3.0E-9	16.0E-9	918.3E-3	565.6E-3	5.76	-3.3E-9	3.16	2.6E-9	23.2E-9	945.2E-3	571.7E-3	5.80	-1.8E-9
1536	3.02	3.0E-9	21.5E-9	910.1E-3	563.3E-3	5.40	-1.3E-9	3.09	2.8E-9	17.0E-9	919.4E-3	572.3E-3	5.44	-4.1E-9
1537	3.19	1.2E-9	23.0E-9	910.2E-3	569.5E-3	5.55	-413.6E-12	3.27	1.5E-9	16.5E-9	934.5E-3	578.6E-3	5.61	-1.7E-9
1538	3.06	727.9E-12	16.1E-9	917.9E-3	568.8E-3	5.41	-1.7E-9	3.09	3.4E-9	24.9E-9	945.1E-3	583.3E-3	5.47	-830.6E-12
1539	3.08	5.0E-9	16.1E-9	910.9E-3	564.5E-3	5.78	-1.9E-9	3.16	3.8E-9	17.8E-9	923.3E-3	577.3E-3	5.84	-4.1E-9
1540	3.01	3.1E-9	21.2E-9	923.9E-3	568.3E-3	5.72	-368.1E-12	3.08	3.3E-9	15.4E-9	946.7E-3	576.8E-3	5.80	-1.2E-9
1541	3.19	1.2E-9	15.9E-9	924.9E-3	562.0E-3	5.74	-3.7E-9	3.25	1.8E-9	22.7E-9	944.2E-3	577.3E-3	5.81	-3.9E-9
1542	3.08	2.2E-9	19.1E-9	914.2E-3	565.8E-3	5.70	-129.9E-12	3.17	607.9E-12	18.6E-9	933.7E-3	575.7E-3	5.74	-4.6E-9
1543	3.18	2.2E-9	21.0E-9	922.3E-3	562.8E-3	5.58	-1.3E-9	3.24	1.9E-9	24.6E-9	944.3E-3	578.0E-3	5.66	-1.4E-9
1544	3.03	4.0E-9	15.7E-9	915.0E-3	565.7E-3	5.36	-2.6E-9	3.08	3.5E-9	23.5E-9	933.0E-3	571.7E-3	5.41	-1.2E-9
1545	3.09	2.7E-9	16.2E-9	923.5E-3	564.3E-3	5.67	-1.2E-9	3.14	3.5E-9	19.2E-9	947.4E-3	574.3E-3	5.76	-1.3E-9
1546	3.16	303.9E-12	20.8E-9	922.9E-3	568.3E-3	5.48	-2.0E-9	3.23	2.9E-9	16.7E-9	932.5E-3	575.2E-3	5.50	-447.8E-12
1547	3.02	2.9E-9	23.1E-9	920.0E-3	569.3E-3	5.60	-2.3E-9	3.08	1.0E-9	15.2E-9	939.1E-3	576.9E-3	5.64	-2.1E-9
1548	3.16	1.2E-9	20.2E-9	921.9E-3	560.3E-3	5.66	-314.2E-12	3.21	1.1E-9	19.3E-9	938.0E-3	576.1E-3	5.72	-814.4E-12
1549	3.12	4.4E-9	16.5E-9	919.6E-3	561.5E-3	5.73	-3.1E-9	3.20	4.0E-9	22.2E-9	933.3E-3	575.7E-3	5.81	-1.7E-9
1550	3.04	1.4E-9	21.3E-9	910.7E-3	562.2E-3	5.73	-4.0E-9	3.08	641.3E-12	15.8E-9	924.1E-3	570.1E-3	5.81	-535.0E-12
1551	3.19	2.4E-9	21.8E-9	917.8E-3	568.3E-3	5.47	-2.4E-9	3.26	164.5E-12	24.6E-9	933.9E-3	578.9E-3	5.52	-2.6E-9

High Temperature, High Humidity, Reverse Biase (H3TRB)

Mil-Std 750 M 1042-A, 1000hrs, VDS= 520V, 150°C, 85%

Lot 7103

SN	Initials							168Hr End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSON 10V	GFS 3.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSON 10V	GFS 3.5A	IGSS -30V
1552	3.18	1.3E-9	16.5E-9	912.7E-3	568.8E-3	5.65	-4.4E-9	3.24	3.0E-9	15.4E-9	931.9E-3	578.2E-3	5.72	-2.8E-9
1553	3.11	4.3E-9	24.6E-9	916.4E-3	569.5E-3	5.72	-1.1E-9	3.17	3.7E-9	23.5E-9	939.7E-3	583.1E-3	5.77	-464.6E-12
1554	3.19	4.1E-9	23.4E-9	913.3E-3	563.3E-3	5.65	-3.1E-9	3.24	1.2E-9	16.9E-9	934.1E-3	576.4E-3	5.72	-4.6E-9
1555	3.02	472.4E-12	15.9E-9	912.8E-3	563.2E-3	5.56	-3.0E-9	3.08	558.8E-12	20.8E-9	928.6E-3	577.0E-3	5.61	-3.1E-9
1556	3.00	1.2E-9	20.6E-9	911.2E-3	568.9E-3	5.77	-411.3E-12	3.06	205.7E-12	19.8E-9	934.5E-3	580.0E-3	5.82	-4.5E-9
1557	3.14	3.9E-9	20.3E-9	915.1E-3	564.1E-3	5.79	-2.3E-9	3.19	281.5E-12	22.1E-9	936.1E-3	580.7E-3	5.88	-3.3E-9
1558	3.10	259.8E-12	18.3E-9	917.2E-3	569.4E-3	5.58	-2.2E-9	3.19	1.3E-9	21.5E-9	936.0E-3	578.2E-3	5.65	-1.6E-9
1559	3.16	379.0E-12	19.3E-9	924.8E-3	562.7E-3	5.68	-4.4E-9	3.21	4.5E-9	19.9E-9	937.5E-3	570.1E-3	5.73	-1.4E-9
1560	3.05	3.1E-9	19.0E-9	921.2E-3	561.2E-3	5.72	-3.8E-9	3.14	1.8E-9	19.2E-9	946.2E-3	570.1E-3	5.77	-5.0E-9
1561	3.01	3.4E-9	18.5E-9	917.5E-3	560.0E-3	5.77	-1.4E-9	3.08	4.0E-9	17.6E-9	926.9E-3	576.1E-3	5.82	-1.9E-9
1562	3.16	441.3E-12	21.1E-9	923.0E-3	562.7E-3	5.73	-350.4E-12	3.23	3.0E-9	15.8E-9	947.5E-3	569.6E-3	5.78	-2.6E-9
1563	3.12	3.5E-9	15.1E-9	912.1E-3	566.8E-3	5.68	-3.2E-9	3.20	4.1E-9	24.4E-9	921.8E-3	575.4E-3	5.76	-3.9E-9
1564	3.19	4.9E-9	20.6E-9	918.9E-3	565.6E-3	5.62	-7.3E-12	3.25	3.5E-9	18.6E-9	937.4E-3	576.7E-3	5.67	-2.7E-9
1565	3.02	4.5E-9	16.6E-9	923.4E-3	568.4E-3	5.74	-3.8E-9	3.06	2.3E-9	16.0E-9	946.5E-3	578.4E-3	5.79	-3.4E-9
1566	3.06	2.1E-9	16.1E-9	921.7E-3	561.7E-3	5.41	-2.5E-9	3.11	4.7E-9	22.5E-9	941.7E-3	569.2E-3	5.48	-1.1E-9
1567	3.19	1.7E-9	16.1E-9	921.3E-3	564.9E-3	5.40	-4.8E-9	3.24	2.6E-9	22.6E-9	942.3E-3	579.6E-3	5.43	-4.1E-9
1568	3.13	4.3E-9	18.2E-9	921.9E-3	561.9E-3	5.57	-265.7E-12	3.19	3.8E-9	16.5E-9	941.0E-3	569.2E-3	5.61	-2.9E-9
1569	3.19	3.6E-9	15.8E-9	920.4E-3	568.3E-3	5.57	-4.1E-9	3.29	4.4E-9	21.5E-9	936.0E-3	574.8E-3	5.62	-2.1E-9
1570	3.07	1.5E-9	16.8E-9	924.5E-3	569.3E-3	5.53	-2.9E-9	3.14	1.8E-9	15.4E-9	938.8E-3	579.3E-3	5.59	-2.7E-9
1571	3.07	375.2E-12	16.6E-9	919.9E-3	568.0E-3	5.39	-1.6E-9	3.13	4.0E-9	20.3E-9	946.9E-3	583.4E-3	5.45	-1.5E-9
1572	3.09	3.5E-9	24.3E-9	916.8E-3	561.8E-3	5.50	-138.4E-12	3.17	4.5E-9	19.6E-9	932.1E-3	573.2E-3	5.56	-4.9E-9
1573	3.11	4.5E-9	21.7E-9	910.3E-3	562.6E-3	5.58	-4.5E-9	3.18	4.8E-9	16.1E-9	931.8E-3	572.6E-3	5.66	-3.5E-9
1574	3.14	69.0E-12	18.6E-9	913.3E-3	565.7E-3	5.71	-3.3E-9	3.19	4.2E-9	16.8E-9	926.3E-3	580.0E-3	5.79	-5.0E-9
1575	3.19	1.4E-9	20.5E-9	923.8E-3	562.7E-3	5.74	-3.2E-9	3.25	309.7E-12	17.9E-9	949.0E-3	574.6E-3	5.82	-3.0E-9
1576	3.07	484.9E-12	17.6E-9	915.3E-3	568.5E-3	5.53	-4.9E-9	3.15	2.1E-9	17.3E-9	935.2E-3	580.0E-3	5.57	-2.0E-9

High Temperature, High Humidity, Reverse Biase (H3TRB)

Mil-Std 750 M 1042-A, 1000hrs, VDS= 520V, 150°C, 85%

Lot 7210

SN	Initials						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSON 10V	GFS 3.5A	IGSS -30V
1580	3.10	1.7E-9	21.0E-9	924.1E-3	562.5E-3	5.44	-2.0E-9
1581	3.18	3.0E-9	16.4E-9	918.9E-3	560.4E-3	5.48	-1.8E-9
1582	3.19	1.9E-9	20.1E-9	918.9E-3	568.5E-3	5.57	-3.5E-9
1583	3.15	2.5E-9	18.2E-9	918.1E-3	565.0E-3	5.67	-1.9E-9
1584	3.15	4.1E-9	15.2E-9	913.6E-3	563.9E-3	5.48	-2.9E-9
1585	3.09	292.1E-12	15.8E-9	910.4E-3	567.6E-3	5.34	-1.4E-9
1586	3.13	155.9E-12	20.0E-9	917.6E-3	566.5E-3	5.69	-3.3E-9
1587	3.08	5.0E-9	21.5E-9	923.8E-3	561.8E-3	5.52	-1.3E-9
1588	3.15	869.9E-12	24.5E-9	911.2E-3	562.5E-3	5.50	-4.6E-9
1589	3.15	3.1E-9	22.4E-9	917.4E-3	560.1E-3	5.41	-4.8E-9
1590	3.00	3.5E-9	15.1E-9	921.9E-3	566.9E-3	5.72	-183.5E-12
1591	3.13	4.4E-9	20.1E-9	916.1E-3	563.3E-3	5.70	-5.0E-9
1592	3.00	663.4E-12	24.0E-9	924.5E-3	564.2E-3	5.33	-1.3E-9
1593	3.10	2.1E-9	18.0E-9	920.7E-3	563.6E-3	5.71	-1.7E-9
1594	3.10	3.0E-9	16.2E-9	912.4E-3	564.6E-3	5.60	-2.0E-9
1595	3.05	1.3E-9	21.7E-9	916.8E-3	565.3E-3	5.37	-238.1E-12
1596	3.18	4.7E-9	15.4E-9	917.1E-3	562.4E-3	5.68	-3.0E-9
1597	3.01	260.7E-12	21.0E-9	912.9E-3	567.3E-3	5.39	-1.5E-9
1598	3.03	1.4E-9	24.9E-9	917.1E-3	569.0E-3	5.71	-2.0E-9
1599	3.16	1.7E-9	17.8E-9	914.4E-3	561.5E-3	5.74	-1.2E-9
1600	3.14	3.1E-9	22.2E-9	922.8E-3	560.3E-3	5.32	-3.9E-9
1601	3.19	4.5E-9	24.3E-9	923.4E-3	562.3E-3	5.70	-996.1E-12
1602	3.16	1.3E-9	15.7E-9	913.6E-3	564.3E-3	5.37	-4.6E-9
1603	3.09	1.7E-9	21.6E-9	912.6E-3	568.8E-3	5.48	-151.7E-12
1604	3.03	539.8E-12	16.5E-9	915.1E-3	560.7E-3	5.46	-3.7E-9
1605	3.15	2.5E-9	25.0E-9	913.2E-3	562.0E-3	5.39	-499.2E-12

168Hr End Points						
VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSON 10V	GFS 3.5A	IGSS -30V
3.14	4.2E-9	24.2E-9	934.4E-3	571.5E-3	5.47	-3.7E-9
3.26	4.8E-9	15.5E-9	938.5E-3	571.9E-3	5.53	-3.5E-9
3.27	5.0E-9	19.6E-9	935.5E-3	576.7E-3	5.61	-165.9E-12
3.20	2.7E-9	15.8E-9	927.7E-3	578.7E-3	5.75	-710.3E-12
3.23	1.0E-9	16.2E-9	935.2E-3	572.7E-3	5.56	-1.1E-9
3.13	2.5E-9	23.5E-9	926.3E-3	582.0E-3	5.38	-2.8E-9
3.21	2.4E-9	17.8E-9	935.9E-3	581.0E-3	5.77	-1.9E-9
3.18	2.6E-9	19.2E-9	941.9E-3	572.5E-3	5.55	-3.1E-9
3.24	4.1E-9	23.2E-9	936.7E-3	573.2E-3	5.54	-4.1E-9
3.24	3.5E-9	22.9E-9	940.9E-3	574.8E-3	5.47	-2.3E-9
3.05	4.4E-9	18.2E-9	937.6E-3	581.1E-3	5.79	-3.4E-9
3.19	3.6E-9	20.3E-9	938.3E-3	573.3E-3	5.76	-931.7E-12
3.05	2.8E-9	22.2E-9	934.5E-3	575.7E-3	5.38	-2.8E-9
3.15	1.2E-9	23.0E-9	937.0E-3	580.0E-3	5.77	-2.2E-9
3.18	2.8E-9	23.8E-9	931.6E-3	579.9E-3	5.65	-2.4E-9
3.12	4.5E-9	24.0E-9	930.4E-3	576.7E-3	5.43	-2.7E-9
3.27	4.3E-9	23.4E-9	936.6E-3	577.2E-3	5.73	-4.1E-9
3.06	1.9E-9	15.7E-9	922.8E-3	583.2E-3	5.42	-3.1E-9
3.07	2.3E-9	19.1E-9	928.4E-3	579.8E-3	5.75	-2.6E-9
3.21	3.0E-9	17.7E-9	936.4E-3	573.5E-3	5.82	-4.5E-9
3.18	3.0E-9	18.0E-9	934.0E-3	576.8E-3	5.39	-4.7E-9
3.23	3.4E-9	24.6E-9	941.4E-3	578.1E-3	5.79	-1.0E-9
3.21	861.5E-12	24.4E-9	929.5E-3	575.0E-3	5.42	-4.1E-9
3.18	45.3E-12	18.8E-9	926.7E-3	582.5E-3	5.54	-3.1E-9
3.09	1.5E-9	19.7E-9	937.9E-3	573.2E-3	5.49	-1.8E-9
3.20	382.8E-12	23.7E-9	939.2E-3	576.7E-3	5.45	-1.8E-9

High Temperature, High Humidity, Reverse Biase (H3TRB)

Mil-Std 750 M 1042-A, 1000hrs, VDS= 520V, 150°C, 85%

Lot 7210

SN	Initials							168Hr End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSON 10V	GFS 3.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSON 10V	GFS 3.5A	IGSS -30V
1606	3.06	199.3E-12	23.1E-9	914.5E-3	565.6E-3	5.32	-1.6E-9	3.11	1.1E-9	18.5E-9	931.5E-3	576.9E-3	5.38	-4.0E-9
1607	3.18	927.9E-12	20.4E-9	917.8E-3	562.9E-3	5.37	-244.7E-12	3.25	4.9E-9	17.6E-9	930.3E-3	574.2E-3	5.43	-1.1E-9
1608	3.14	212.2E-12	17.6E-9	917.2E-3	565.0E-3	5.57	-2.7E-9	3.20	3.6E-9	24.2E-9	941.6E-3	571.6E-3	5.63	-1.1E-9
1609	3.03	3.5E-9	19.9E-9	924.7E-3	564.2E-3	5.73	-2.8E-9	3.09	4.1E-9	23.8E-9	950.3E-3	571.9E-3	5.77	-1.6E-9
1610	3.14	2.9E-9	19.5E-9	912.0E-3	568.9E-3	5.49	-4.4E-9	3.18	58.6E-12	21.5E-9	931.0E-3	579.4E-3	5.54	-3.1E-9
1611	3.11	4.9E-9	16.1E-9	918.0E-3	561.7E-3	5.64	-2.4E-9	3.14	2.0E-9	19.3E-9	938.6E-3	577.9E-3	5.72	-1.7E-9
1612	3.01	1.0E-9	22.6E-9	925.0E-3	568.1E-3	5.51	-3.5E-9	3.06	3.0E-9	22.5E-9	935.1E-3	584.0E-3	5.57	-1.9E-9
1613	3.16	3.7E-9	24.8E-9	917.6E-3	563.4E-3	5.46	-1.2E-9	3.23	3.6E-9	17.8E-9	943.9E-3	574.3E-3	5.52	-989.9E-12
1614	3.00	2.6E-9	15.8E-9	916.5E-3	564.3E-3	5.45	-1.0E-9	3.08	3.2E-9	22.0E-9	935.6E-3	581.0E-3	5.51	-4.4E-9
1615	3.18	836.6E-12	21.9E-9	915.5E-3	563.4E-3	5.73	-602.9E-12	3.24	1.1E-9	16.1E-9	940.9E-3	573.6E-3	5.78	-3.7E-9
1616	3.10	525.5E-12	21.3E-9	918.6E-3	566.7E-3	5.31	-4.9E-9	3.15	4.4E-9	18.8E-9	938.6E-3	576.5E-3	5.38	-4.2E-9
1617	3.01	3.5E-9	15.4E-9	920.8E-3	567.9E-3	5.59	-1.4E-9	3.06	3.3E-9	17.5E-9	935.9E-3	581.7E-3	5.63	-608.7E-12
1618	3.16	1.0E-9	23.3E-9	915.2E-3	562.8E-3	5.77	-4.4E-9	3.24	4.6E-9	20.7E-9	932.8E-3	568.7E-3	5.83	-2.8E-9
1619	3.11	3.4E-9	24.5E-9	920.5E-3	565.3E-3	5.62	-1.1E-9	3.19	2.3E-9	19.1E-9	944.1E-3	579.7E-3	5.68	-3.7E-9
1620	3.15	1.1E-9	20.0E-9	920.9E-3	561.7E-3	5.42	-882.4E-12	3.24	1.6E-9	21.6E-9	942.7E-3	573.3E-3	5.49	-232.2E-12
1621	3.02	4.3E-9	19.4E-9	915.6E-3	565.0E-3	5.34	-3.6E-9	3.07	3.1E-9	23.4E-9	935.5E-3	571.2E-3	5.39	-984.7E-12
1622	3.13	1.6E-9	21.7E-9	917.3E-3	563.7E-3	5.55	-116.2E-12	3.18	1.1E-9	22.2E-9	926.7E-3	576.7E-3	5.59	-1.2E-9
1623	3.01	3.1E-9	21.2E-9	921.5E-3	562.5E-3	5.36	-1.1E-9	3.07	4.6E-9	18.0E-9	939.1E-3	576.2E-3	5.41	-5.0E-9
1624	3.14	2.1E-9	20.3E-9	922.9E-3	569.5E-3	5.34	-2.2E-9	3.19	1.5E-9	19.1E-9	934.4E-3	584.6E-3	5.39	-214.7E-12
1625	3.14	1.5E-9	15.4E-9	910.5E-3	564.2E-3	5.39	-4.8E-9	3.22	541.8E-12	22.1E-9	925.6E-3	572.0E-3	5.45	-2.8E-9
1626	3.04	78.5E-12	15.1E-9	911.2E-3	567.9E-3	5.79	-1.8E-9	3.11	2.7E-9	24.8E-9	936.6E-3	582.8E-3	5.84	-4.6E-9
1627	3.14	2.8E-9	24.4E-9	919.2E-3	560.3E-3	5.62	-3.5E-9	3.24	3.1E-9	16.8E-9	941.4E-3	573.4E-3	5.68	-3.0E-9
1628	3.02	3.2E-9	15.9E-9	922.2E-3	563.3E-3	5.78	-2.6E-9	3.07	2.8E-9	23.8E-9	944.9E-3	569.6E-3	5.84	-4.5E-9
1629	3.14	3.5E-9	24.7E-9	914.5E-3	565.4E-3	5.56	-4.8E-9	3.19	2.0E-9	23.2E-9	940.5E-3	581.9E-3	5.62	-1.1E-9
1630	3.05	2.7E-9	18.0E-9	917.8E-3	568.0E-3	5.55	-4.5E-9	3.12	1.8E-9	22.2E-9	927.2E-3	574.8E-3	5.61	-311.2E-12
1631	3.10	4.7E-9	17.8E-9	916.8E-3	561.5E-3	5.72	-2.4E-9	3.15	3.7E-9	20.7E-9	926.2E-3	570.8E-3	5.78	-352.8E-12

High Temperature, High Humidity, Reverse Biase (H3TRB)

Mil-Std 750 M 1042-A, 1000hrs, VDS= 520V, 150°C, 85%

Lot 7210

SN	Initials							168Hr End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSON 10V	GFS 3.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSON 10V	GFS 3.5A	IGSS -30V
1632	3.11	2.7E-9	21.5E-9	911.8E-3	566.6E-3	5.52	-550.8E-12	3.20	785.6E-12	19.7E-9	926.9E-3	578.3E-3	5.57	-1.5E-9
1633	3.09	2.9E-9	19.9E-9	915.9E-3	566.0E-3	5.63	-4.3E-9	3.15	1.5E-9	18.1E-9	934.6E-3	578.0E-3	5.69	-1.7E-9
1634	3.19	4.4E-9	20.8E-9	918.8E-3	567.4E-3	5.77	-4.2E-9	3.25	1.4E-9	24.9E-9	945.2E-3	583.4E-3	5.82	-283.0E-12
1635	3.17	1.3E-9	19.9E-9	910.1E-3	561.6E-3	5.58	-1.1E-9	3.23	19.3E-12	24.8E-9	923.3E-3	574.8E-3	5.65	-3.2E-9
1636	3.10	652.5E-12	19.9E-9	913.2E-3	560.8E-3	5.33	-4.5E-9	3.14	2.4E-9	18.7E-9	932.4E-3	576.7E-3	5.38	-4.7E-9
1637	3.05	2.1E-9	24.3E-9	910.5E-3	569.8E-3	5.32	-3.6E-9	3.10	4.2E-9	22.6E-9	936.2E-3	578.3E-3	5.38	-4.3E-9
1638	3.16	4.2E-9	18.9E-9	921.5E-3	568.6E-3	5.54	-4.8E-9	3.25	1.6E-9	23.9E-9	947.1E-3	580.4E-3	5.58	-107.5E-12
1639	3.03	351.6E-12	23.4E-9	910.3E-3	566.3E-3	5.69	-3.8E-9	3.09	1.3E-9	23.6E-9	922.5E-3	578.6E-3	5.76	-387.0E-12
1640	3.14	235.8E-12	17.8E-9	913.6E-3	565.2E-3	5.42	-1.6E-9	3.20	3.2E-9	18.5E-9	923.8E-3	576.8E-3	5.48	-3.3E-9
1641	3.03	12.1E-12	23.1E-9	910.6E-3	569.3E-3	5.72	-2.1E-9	3.10	1.0E-9	17.1E-9	922.3E-3	580.9E-3	5.79	-2.1E-9
1642	3.03	5.0E-9	19.7E-9	914.4E-3	567.0E-3	5.41	-1.4E-9	3.07	4.3E-9	18.0E-9	934.1E-3	573.8E-3	5.46	-4.5E-9
1643	3.18	3.3E-9	17.3E-9	921.2E-3	564.9E-3	5.60	-3.0E-9	3.23	2.8E-9	22.4E-9	939.1E-3	574.9E-3	5.65	-1.9E-9
1644	3.19	1.8E-9	20.0E-9	924.3E-3	560.3E-3	5.47	-377.6E-12	3.26	1.6E-9	21.7E-9	938.6E-3	568.0E-3	5.50	-3.6E-9
1645	3.03	2.4E-9	19.2E-9	919.8E-3	562.1E-3	5.47	-917.7E-12	3.11	238.2E-12	18.4E-9	944.8E-3	574.2E-3	5.54	-951.2E-12
1646	3.16	566.1E-12	24.7E-9	913.0E-3	562.6E-3	5.34	-939.6E-12	3.20	2.4E-9	22.0E-9	931.0E-3	570.9E-3	5.38	-3.7E-9
1647	3.07	3.3E-9	23.6E-9	915.9E-3	560.1E-3	5.70	-1.7E-9	3.13	4.7E-9	15.1E-9	927.8E-3	569.8E-3	5.75	-2.0E-9
1648	3.11	2.6E-9	16.1E-9	919.0E-3	563.9E-3	5.74	-1.9E-9	3.14	4.6E-9	24.9E-9	930.4E-3	580.6E-3	5.82	-3.7E-9
1649	3.02	215.9E-12	18.7E-9	912.6E-3	568.9E-3	5.37	-3.0E-9	3.10	2.2E-9	17.7E-9	932.4E-3	581.6E-3	5.41	-3.6E-9
1650	3.05	2.5E-9	16.6E-9	922.0E-3	563.8E-3	5.73	-4.6E-9	3.09	64.6E-12	17.1E-9	946.8E-3	576.0E-3	5.76	-986.0E-12
1651	3.18	2.6E-9	23.6E-9	915.4E-3	568.2E-3	5.44	-3.1E-9	3.26	282.9E-12	20.6E-9	937.6E-3	580.6E-3	5.51	-4.3E-9
1652	3.11	4.7E-9	18.4E-9	914.9E-3	563.1E-3	5.47	-2.0E-9	3.18	1.7E-9	24.3E-9	935.1E-3	573.1E-3	5.55	-3.7E-9
1653	3.14	4.1E-9	16.4E-9	911.0E-3	565.7E-3	5.66	-2.2E-9	3.21	2.4E-9	16.3E-9	923.6E-3	575.1E-3	5.70	-3.7E-9
1654	3.00	2.2E-9	17.5E-9	914.2E-3	569.0E-3	5.79	-4.0E-9	3.03	2.7E-9	24.9E-9	923.7E-3	579.4E-3	5.84	-231.7E-12
1655	3.20	3.0E-9	17.4E-9	925.0E-3	562.3E-3	5.43	-318.6E-12	3.29	709.6E-12	19.0E-9	947.9E-3	570.0E-3	5.48	-908.5E-12
1656	3.18	2.1E-9	20.5E-9	912.4E-3	569.5E-3	5.69	-259.1E-12	3.22	2.7E-9	18.4E-9	930.0E-3	578.8E-3	5.74	-4.2E-9

High Temperature, High Humidity, Reverse Biase (H3TRB)

Mil-Std 750 M 1042-A, 1000hrs, VDS= 520V, 150°C, 85%

Lot 7212

SN	Initials							168Hr End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSON 10V	GFS 3.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSON 10V	GFS 3.5A	IGSS -30V
1660	3.15	316.1E-12	19.5E-9	917.0E-3	569.5E-3	5.70	-3.7E-9	3.21	4.9E-9	23.1E-9	944.0E-3	581.1E-3	5.75	-3.0E-9
1661	3.08	282.7E-12	21.9E-9	917.2E-3	566.9E-3	5.63	-446.3E-12	3.11	3.2E-9	20.0E-9	937.7E-3	577.8E-3	5.69	-4.3E-9
1662	3.08	4.4E-9	15.8E-9	914.3E-3	568.8E-3	5.46	-3.3E-9	3.13	3.3E-9	20.1E-9	940.5E-3	575.0E-3	5.53	-2.0E-9
1663	3.19	1.5E-9	18.1E-9	921.6E-3	566.0E-3	5.40	-4.5E-9	3.24	972.7E-12	23.0E-9	935.7E-3	572.8E-3	5.43	-3.5E-9
1664	3.20	4.2E-9	24.8E-9	916.5E-3	565.9E-3	5.69	-5.0E-9	3.27	3.1E-9	19.1E-9	931.3E-3	582.0E-3	5.72	-4.9E-9
1665	3.09	2.5E-9	16.3E-9	923.4E-3	565.2E-3	5.43	-2.4E-9	3.17	359.9E-12	20.7E-9	947.0E-3	580.2E-3	5.48	-2.5E-9
1666	3.05	3.1E-9	21.4E-9	923.3E-3	568.1E-3	5.78	-1.9E-9	3.13	3.5E-9	18.1E-9	936.2E-3	583.4E-3	5.86	-2.1E-9
1667	3.06	1.0E-9	20.0E-9	916.9E-3	563.4E-3	5.65	-145.9E-12	3.09	1.5E-9	18.3E-9	942.3E-3	572.6E-3	5.70	-2.5E-9
1668	3.12	2.1E-9	17.7E-9	924.3E-3	564.7E-3	5.40	-2.5E-9	3.21	3.5E-9	21.9E-9	951.0E-3	580.5E-3	5.46	-426.2E-12
1669	3.08	346.3E-12	15.4E-9	910.1E-3	568.3E-3	5.72	-2.5E-9	3.13	981.4E-12	15.7E-9	920.0E-3	579.3E-3	5.76	-4.5E-9
1670	3.10	234.6E-12	16.2E-9	914.2E-3	568.6E-3	5.74	-3.4E-9	3.15	2.9E-9	18.6E-9	941.3E-3	584.5E-3	5.80	-236.6E-12
1671	3.17	2.7E-9	23.3E-9	910.1E-3	562.3E-3	5.45	-3.9E-9	3.21	4.4E-9	16.2E-9	925.0E-3	568.0E-3	5.51	-3.6E-9
1672	3.03	607.1E-12	19.6E-9	911.5E-3	563.4E-3	5.45	-2.2E-9	3.08	3.9E-9	15.8E-9	936.8E-3	578.1E-3	5.48	-2.6E-9
1673	3.15	4.9E-9	20.7E-9	918.6E-3	566.7E-3	5.65	-2.6E-9	3.25	288.2E-12	23.6E-9	934.5E-3	572.6E-3	5.71	-3.8E-9
1674	3.11	3.1E-9	21.1E-9	917.7E-3	563.6E-3	5.54	-133.7E-12	3.16	1.4E-9	16.6E-9	942.7E-3	576.4E-3	5.59	-122.9E-12
1675	3.00	611.7E-12	19.4E-9	912.2E-3	560.7E-3	5.37	-1.2E-9	3.08	2.7E-9	24.1E-9	922.7E-3	572.9E-3	5.40	-4.7E-9
1676	3.06	1.8E-9	16.2E-9	910.2E-3	567.6E-3	5.58	-1.1E-9	3.09	3.5E-9	18.3E-9	931.9E-3	577.1E-3	5.61	-4.5E-9
1677	3.11	3.9E-9	24.4E-9	910.2E-3	567.4E-3	5.40	-3.9E-9	3.16	525.3E-12	24.7E-9	928.4E-3	580.9E-3	5.43	-1.3E-9
1678	3.03	1.9E-9	24.1E-9	911.3E-3	562.0E-3	5.62	-3.6E-9	3.06	250.8E-12	23.8E-9	927.9E-3	577.7E-3	5.67	-4.0E-9
1679	3.15	2.1E-9	18.5E-9	914.4E-3	563.9E-3	5.38	-1.7E-9	3.23	2.7E-9	18.8E-9	929.1E-3	575.7E-3	5.45	-3.5E-9
1680	3.03	4.8E-9	15.2E-9	910.5E-3	567.4E-3	5.45	-3.0E-9	3.11	1.0E-9	21.7E-9	928.7E-3	575.0E-3	5.51	-985.2E-12
1681	3.14	2.1E-9	21.6E-9	921.7E-3	568.8E-3	5.61	-361.6E-12	3.20	972.6E-12	16.8E-9	948.0E-3	582.8E-3	5.67	-3.6E-9
1682	3.19	4.4E-9	20.5E-9	913.5E-3	563.8E-3	5.49	-781.5E-12	3.24	1.7E-9	23.5E-9	923.5E-3	575.8E-3	5.53	-4.7E-9
1683	3.06	4.8E-9	20.7E-9	913.2E-3	563.8E-3	5.63	-4.6E-9	3.15	3.0E-9	15.5E-9	924.3E-3	570.3E-3	5.71	-2.7E-9
1684	3.07	1.1E-9	18.3E-9	911.1E-3	567.6E-3	5.39	-3.4E-9	3.15	4.8E-9	16.4E-9	921.6E-3	575.6E-3	5.46	-2.6E-9
1685	3.15	4.6E-9	23.2E-9	913.3E-3	568.9E-3	5.37	-4.9E-9	3.23	3.2E-9	22.1E-9	934.3E-3	578.8E-3	5.42	-20.7E-12

High Temperature, High Humidity, Reverse Biase (H3TRB)

Mil-Std 750 M 1042-A, 1000hrs, VDS= 520V, 150°C, 85%

Lot 7212

SN	Initials							168Hr End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDS ON 10V	GFS 3.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDS ON 10V	GFS 3.5A	IGSS -30V
1686	3.04	915.0E-12	21.1E-9	916.2E-3	561.3E-3	5.80	-759.4E-12	3.10	1.1E-9	22.1E-9	930.4E-3	575.7E-3	5.86	-3.1E-9
1687	3.18	3.5E-9	23.0E-9	916.8E-3	567.4E-3	5.66	-2.2E-9	3.22	1.3E-9	18.4E-9	940.2E-3	580.5E-3	5.72	-175.9E-12
1688	3.13	4.1E-9	22.0E-9	911.0E-3	566.3E-3	5.78	-4.9E-9	3.20	332.1E-12	23.2E-9	937.9E-3	576.5E-3	5.82	-4.1E-9
1689	3.18	2.4E-9	17.8E-9	911.3E-3	564.0E-3	5.73	-562.7E-12	3.23	738.9E-12	20.8E-9	932.0E-3	576.3E-3	5.77	-692.9E-12
1690	3.12	3.4E-9	22.9E-9	921.7E-3	561.9E-3	5.78	-4.9E-9	3.20	2.4E-9	16.1E-9	940.1E-3	574.6E-3	5.86	-1.9E-9
1691	3.18	4.8E-9	21.0E-9	923.0E-3	565.6E-3	5.66	-3.7E-9	3.23	641.2E-12	16.4E-9	936.0E-3	573.1E-3	5.72	-4.3E-9
1692	3.17	4.5E-9	15.2E-9	919.6E-3	566.8E-3	5.73	-3.9E-9	3.25	3.8E-9	20.9E-9	930.4E-3	575.9E-3	5.80	-1.3E-9
1693	3.11	1.4E-9	21.7E-9	916.4E-3	560.0E-3	5.65	-4.9E-9	3.17	3.5E-9	20.4E-9	942.3E-3	568.6E-3	5.69	-3.2E-9
1694	3.10	2.7E-9	22.9E-9	914.3E-3	567.7E-3	5.74	-3.6E-9	3.14	4.1E-9	19.9E-9	938.7E-3	580.1E-3	5.82	-123.4E-12
1695	3.18	745.2E-12	19.0E-9	920.2E-3	566.4E-3	5.70	-1.8E-9	3.26	1.8E-9	15.9E-9	946.2E-3	578.6E-3	5.79	-748.6E-12
1696	3.03	2.1E-9	18.2E-9	923.0E-3	561.3E-3	5.76	-470.3E-12	3.11	2.1E-9	19.2E-9	933.0E-3	573.0E-3	5.83	-1.0E-9
1697	3.14	1.2E-9	21.4E-9	922.8E-3	565.4E-3	5.71	-3.0E-9	3.22	3.8E-9	16.3E-9	944.3E-3	577.3E-3	5.79	-3.3E-9
1698	3.11	3.0E-9	20.3E-9	922.8E-3	562.4E-3	5.35	-2.9E-9	3.18	2.0E-9	17.3E-9	933.6E-3	570.4E-3	5.41	-2.5E-9
1699	3.16	316.6E-12	16.3E-9	921.0E-3	561.5E-3	5.61	-2.3E-9	3.21	847.1E-12	20.0E-9	935.6E-3	577.4E-3	5.64	-2.4E-9
1700	3.11	1.8E-9	24.0E-9	913.4E-3	569.6E-3	5.51	-892.4E-12	3.17	2.3E-9	15.3E-9	930.5E-3	586.5E-3	5.54	-3.8E-9
1701	3.18	1.3E-9	15.3E-9	915.1E-3	562.4E-3	5.32	-2.5E-9	3.23	4.6E-9	17.1E-9	939.8E-3	573.3E-3	5.37	-31.0E-12
1702	3.06	447.3E-12	21.1E-9	924.7E-3	563.0E-3	5.59	-2.8E-9	3.15	3.5E-9	23.1E-9	936.5E-3	569.8E-3	5.67	-1.1E-9
1703	3.08	93.8E-12	24.6E-9	921.7E-3	561.5E-3	5.53	-3.4E-9	3.16	109.0E-12	22.8E-9	938.2E-3	572.1E-3	5.58	-4.8E-9
1704	3.19	217.1E-12	22.8E-9	913.9E-3	567.1E-3	5.63	-2.3E-9	3.26	2.2E-9	21.0E-9	930.5E-3	582.3E-3	5.68	-1.7E-9
1705	3.16	3.2E-9	22.5E-9	921.3E-3	561.6E-3	5.43	-158.2E-12	3.25	710.9E-12	21.0E-9	932.4E-3	568.3E-3	5.47	-2.6E-9
1706	3.11	1.1E-9	16.4E-9	912.1E-3	568.4E-3	5.59	-1.4E-9	3.18	4.0E-9	19.5E-9	926.4E-3	584.8E-3	5.65	-3.7E-9
1707	3.01	2.9E-9	15.9E-9	924.3E-3	563.2E-3	5.44	-12.9E-12	3.07	1.6E-9	19.1E-9	945.5E-3	573.6E-3	5.50	-978.2E-12
1708	3.12	2.0E-9	19.1E-9	922.7E-3	560.6E-3	5.53	-205.9E-12	3.18	2.3E-9	19.3E-9	937.9E-3	574.1E-3	5.56	-2.6E-9
1709	3.09	4.4E-9	21.5E-9	918.1E-3	566.4E-3	5.80	-4.7E-9	3.12	4.5E-9	16.2E-9	930.3E-3	574.5E-3	5.88	-2.7E-9
1710	3.19	3.3E-9	15.6E-9	918.6E-3	566.7E-3	5.68	-1.9E-9	3.22	4.0E-9	17.9E-9	938.0E-3	573.6E-3	5.73	-642.9E-12
1711	3.04	4.9E-9	16.1E-9	922.4E-3	563.7E-3	5.69	-1.3E-9	3.08	3.6E-9	17.0E-9	948.6E-3	575.7E-3	5.73	-3.0E-9

High Temperature, High Humidity, Reverse Biase (H3TRB)

Mil-Std 750 M 1042-A, 1000hrs, VDS= 520V, 150°C, 85%

Lot 7212

SN	Initials							168Hr End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSOn 10V	GFS 3.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 7A	RDSOn 10V	GFS 3.5A	IGSS -30V
1712	3.03	2.9E-9	19.1E-9	912.1E-3	563.9E-3	5.79	-4.9E-9	3.10	3.3E-9	19.2E-9	933.4E-3	577.2E-3	5.87	-1.1E-9
1713	3.07	4.9E-9	15.2E-9	914.8E-3	563.8E-3	5.57	-624.0E-12	3.12	3.5E-9	17.5E-9	927.7E-3	578.9E-3	5.65	-117.7E-12
1714	3.15	526.0E-12	18.1E-9	922.9E-3	568.9E-3	5.44	-3.9E-9	3.24	4.3E-9	24.1E-9	934.9E-3	580.5E-3	5.49	-4.5E-9
1715	3.14	1.3E-9	22.3E-9	924.6E-3	561.0E-3	5.38	-1.5E-9	3.21	26.5E-12	21.7E-9	950.7E-3	576.7E-3	5.44	-3.7E-9
1716	3.08	4.1E-9	18.3E-9	915.9E-3	564.7E-3	5.72	-787.0E-12	3.16	3.1E-9	18.3E-9	942.9E-3	578.0E-3	5.79	-342.8E-12
1717	3.00	3.3E-9	24.4E-9	923.8E-3	560.1E-3	5.61	-2.3E-9	3.04	3.9E-9	20.2E-9	939.7E-3	568.3E-3	5.69	-977.8E-12
1718	3.01	1.8E-9	18.3E-9	923.3E-3	562.7E-3	5.42	-4.3E-9	3.05	4.2E-9	22.0E-9	947.4E-3	572.9E-3	5.48	-1.0E-9
1719	3.16	3.2E-9	17.5E-9	915.0E-3	567.0E-3	5.78	-3.0E-9	3.20	104.0E-12	24.3E-9	925.1E-3	583.9E-3	5.84	-2.4E-9
1720	3.07	4.8E-9	16.7E-9	925.0E-3	567.4E-3	5.80	-4.0E-9	3.13	1.5E-9	15.2E-9	951.3E-3	584.2E-3	5.85	-1.5E-9
1721	3.04	2.3E-9	15.1E-9	918.9E-3	568.6E-3	5.49	-3.7E-9	3.11	1.3E-9	22.1E-9	941.9E-3	584.3E-3	5.53	-4.1E-9
1722	3.07	3.5E-9	21.2E-9	919.3E-3	561.8E-3	5.67	-1.2E-9	3.15	367.3E-12	19.2E-9	933.0E-3	571.5E-3	5.75	-4.3E-9
1723	3.04	2.0E-9	18.1E-9	919.8E-3	562.4E-3	5.48	-4.7E-9	3.09	2.1E-9	15.6E-9	931.7E-3	569.4E-3	5.54	-4.6E-9
1724	3.14	605.4E-12	24.7E-9	924.3E-3	564.4E-3	5.39	-397.2E-12	3.23	3.0E-9	24.2E-9	940.5E-3	571.3E-3	5.47	-4.4E-9
1725	3.06	1.3E-9	15.5E-9	913.3E-3	568.9E-3	5.70	-1.5E-9	3.15	4.8E-9	24.9E-9	930.1E-3	576.5E-3	5.76	-960.6E-12
1726	3.03	3.7E-9	22.0E-9	918.8E-3	568.0E-3	5.40	-862.2E-12	3.09	2.2E-9	24.1E-9	934.5E-3	575.5E-3	5.47	-354.3E-12
1727	3.12	318.7E-12	24.4E-9	922.1E-3	568.1E-3	5.40	-4.7E-9	3.18	2.4E-9	23.4E-9	944.1E-3	583.9E-3	5.43	-2.4E-9
1728	3.19	4.9E-9	23.7E-9	921.8E-3	560.5E-3	5.79	-1.2E-12	3.27	385.7E-12	24.7E-9	940.8E-3	571.8E-3	5.82	-3.2E-9
1729	3.10	2.5E-9	19.6E-9	916.9E-3	569.9E-3	5.63	-1.4E-9	3.19	4.9E-9	16.8E-9	931.4E-3	582.2E-3	5.71	-4.9E-9
1730	3.18	2.1E-9	18.5E-9	911.8E-3	563.6E-3	5.39	-4.1E-9	3.23	2.1E-9	20.1E-9	931.4E-3	573.8E-3	5.46	-4.8E-9
1731	3.14	4.1E-9	22.7E-9	913.6E-3	564.4E-3	5.47	-1.5E-9	3.20	1.8E-9	20.6E-9	937.0E-3	570.2E-3	5.51	-2.1E-9
1732	3.18	3.3E-9	20.6E-9	923.3E-3	563.6E-3	5.74	-2.4E-9	3.24	1.3E-9	24.7E-9	932.7E-3	569.3E-3	5.78	-4.9E-9
1733	3.06	3.2E-9	15.8E-9	911.9E-3	560.6E-3	5.44	-1.9E-9	3.15	4.8E-9	23.7E-9	930.6E-3	567.1E-3	5.50	-2.2E-9
1734	3.02	4.3E-9	18.2E-9	924.3E-3	564.9E-3	5.49	-4.6E-9	3.08	694.2E-12	21.2E-9	948.6E-3	577.1E-3	5.55	-836.9E-12
1735	3.09	4.4E-9	15.9E-9	924.6E-3	561.5E-3	5.48	-1.6E-9	3.15	1.7E-9	19.9E-9	934.7E-3	571.7E-3	5.54	-4.2E-9
1736	3.10	3.2E-9	24.9E-9	912.3E-3	563.4E-3	5.77	-3.9E-9	3.17	3.3E-9	23.9E-9	922.1E-3	576.1E-3	5.81	-1.4E-9

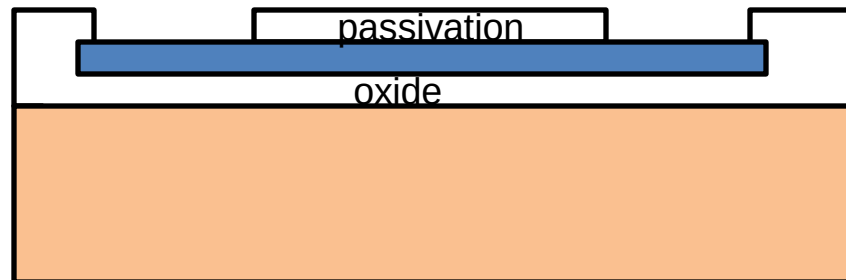
MOSFET ELECTROMIGRATION

Electromigration Test Structure

Metal Resistor (5 μ m width)

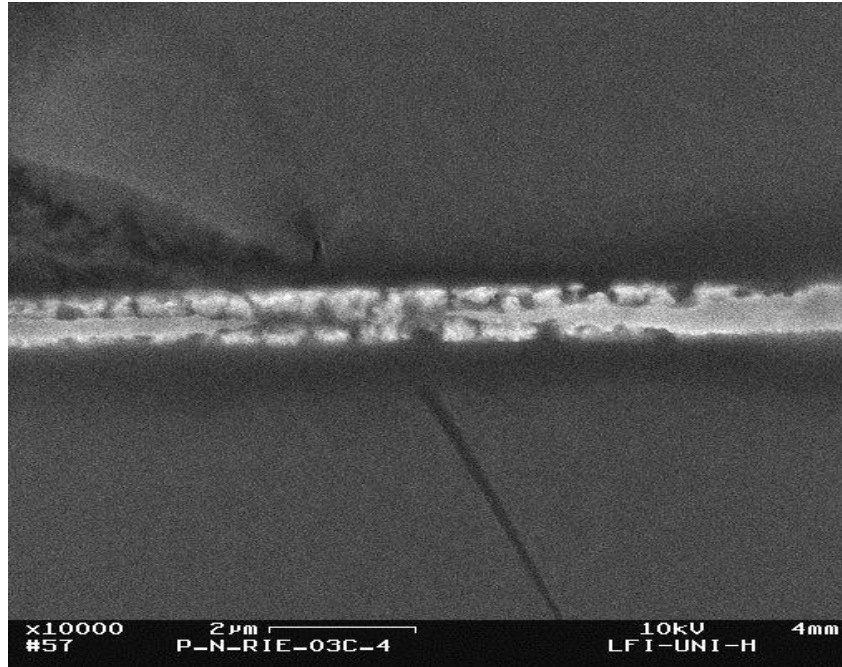


Top View



Cross-sectional View

Electromigration



Metal diffusion in the direction of current flow
Diffusion flux dependent on temperature, current, stress
Failure mechanism is an increase in resistance or an open circuit
DC current is the worst case.
Pulsed current and AC current is less stressful

Electromigration Reliability

$$MTTF = A (J)^{-n} e^{\frac{E_a}{kT}}$$

- A Empirical Constant
- J Current Density
- n Empirical Exponent Between 1-7; Typically = 2
- K Boltzmann's Constant
- Ea Activation Energy
- T Temperature (K)

* J. R. Black proposed this empirical model to estimate the MTTF of a wire

Electromigration Reliability

Activation Energy is Dependent on Metal Grain Size and Material Composition

Larger Grain Size increases activation energy (improves MTTF)

The addition of Cu increases the activation energy (improves MTTF)

For pure Al, 0.1 – 2 μm grain size, $E_a = 0.35 - 0.60 \text{ eV}^*$

For pure Al, 6 – 8 μm grain size, $E_a = 1.0 - 1.2 \text{ eV}^*$

For Al with 0.3 – 5% Cu, 1 – 6 μm grain size, $E_a = 0.5 - 0.8 \text{ eV}^*$

For Al-Cu-Si, 0.25 – 0.6 μm grain size, $E_a = 0.25 - 0.86 \text{ eV}^*$

* Scorzoni, Neri, Caprile, and Fantini, Materials Science Reports 7, 143 (1991)

Electromigration Reliability

Electromigration Data from OMRON YASU FAB

Ts	Js	W	t	Max Current for 10 year life	Max Current Density for 10 year life
Temperature	Test Current Density	Metal Width	Metal Thickness	Current / W	Current / W * t
C	mA/um ²	um	um	mA/um	mA/um ²
250	15	5	2	4.99	2.5

- EM data measured from a product with similar metal structure
- Allowable current is calculated for a 0.1% failure rate at EOL (10 years)

Electromigration Reliability

Model Description from OMRON YASU FAB

Test Conditions : $T = 250^{\circ}\text{C}$, $J = 15\text{mA} / \mu\text{m}^2$

$t(50)$ and σ are calculated assuming a Lognormal Distribution

$$t_{50} = 56.3 \text{ hours}, \sigma = 0.44$$

Black's Law used to model EM failure rate

$$t_{50} = (A/J^n)\exp(E_a/KT)$$

Where

t_{50} = MTTF (mean time to fail)

A = Empirical Constant

J = Current Density

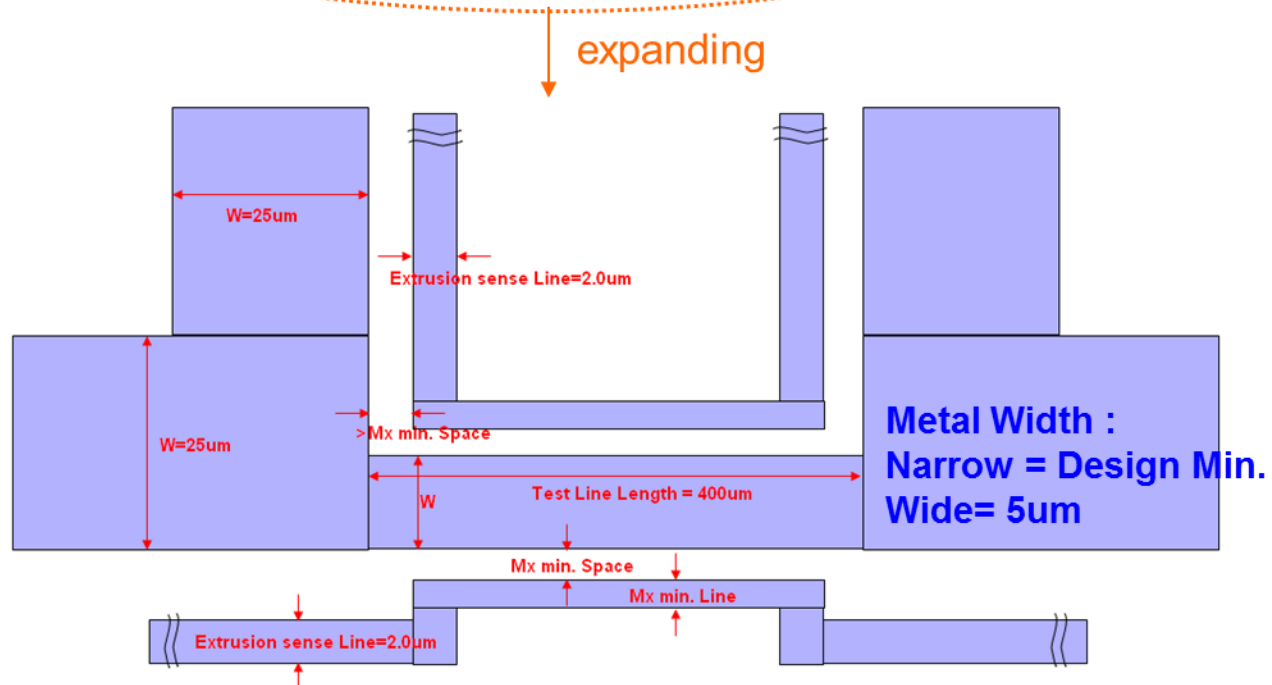
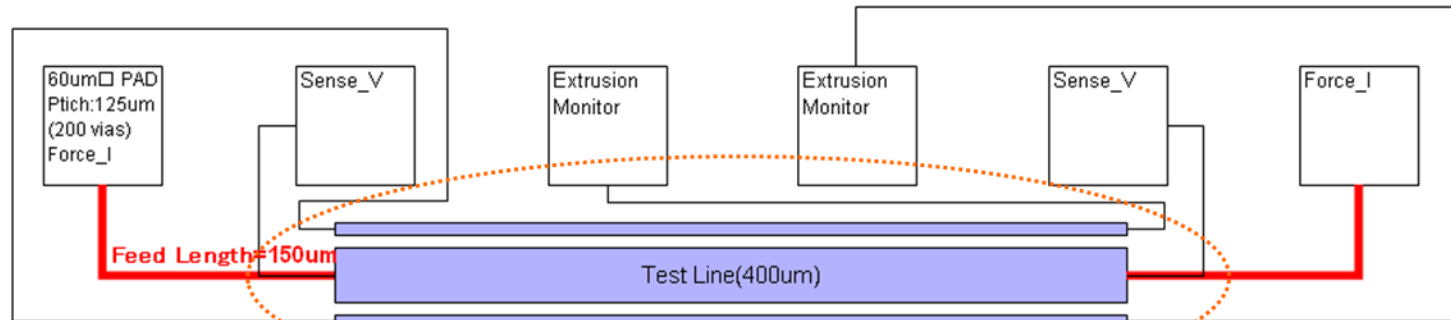
n = Empirical Current Density Exponent = 2

E_a = EM Activation Energy = 0.50 eV

K = Boltzmann's Constant

T = Temperature (K)

2um Thick, 5um Wide Metal Line Test Structure



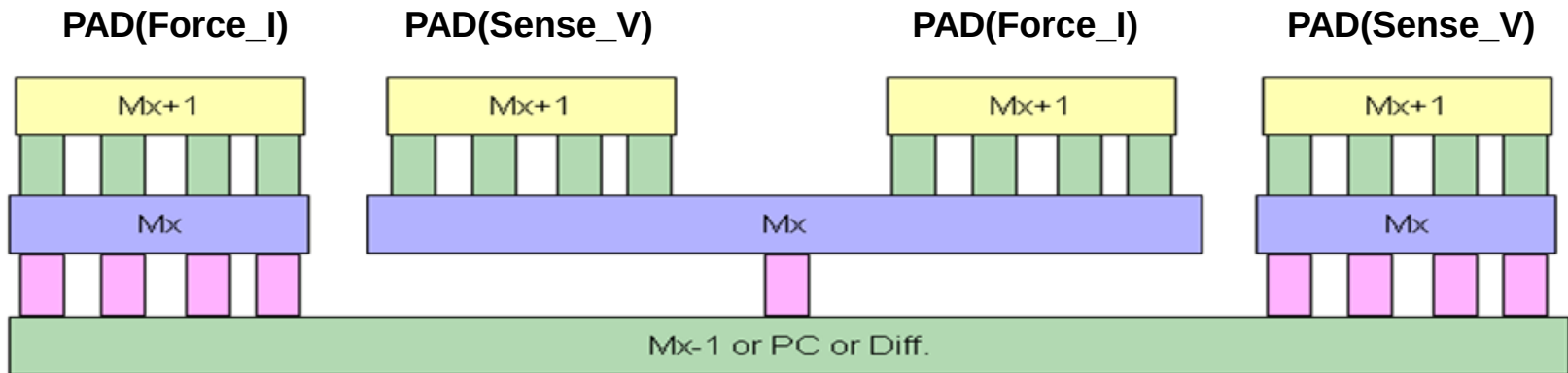
2um Thick, 5um Wide Metal Line

EM Test Data Summary

2um Thick, 5um Wide

#	175°C		200°C		250°C	
	400mA		400mA		400mA	
	10um**2	40mA/um**2	10um**2	40mA/um**2	10um**2	40mA/um**2
	Min	Hrs	Min	Hrs	Secs	Min
1	44.78	0.75	15.88	0.26	242.5	4.04
2	200.52	3.34	17.77	0.30	360.0	6.00
3	124.20	2.07	20.68	0.34	265.0	4.42
4	37.63	0.63	23.18	0.39	255.0	4.25
5	50.97	0.85	25.98	0.43	324.5	5.41
6	71.30	1.19	34.14	0.57	243.0	4.05
7	78.20	1.30	12.47	0.21	321.5	5.36
8	87.97	1.47	16.43	0.27	237.5	3.96
9	46.40	0.77	21.25	0.35	258.5	4.31
10	96.13	1.60	14.28	0.24	201.5	3.36
11	98.60	1.64	18.81	0.31	248.0	4.13
12	24.82	0.41	24.97	0.42	433.5	7.23
13	46.13	0.77	12.29	0.20	318.0	5.30
14	34.62	0.58	12.56	0.21	338.5	5.64
15	39.58	0.66	27.31	0.46	379.5	6.33
16	73.33	1.22	7.81	0.13	215.5	3.59
17	59.10	0.99	11.52	0.19	258.0	4.30
18	72.63	1.21	16.52	0.28	363.5	6.06
19	26.28	0.44	13.87	0.23	376.0	6.27
20	28.18	0.47	14.43	0.24	391.5	6.53
Max	200.52	3.34	34.14	0.57	433.50	7.23
Min	24.82	0.41	7.81	0.13	201.50	3.36
Avg	67.07	1.12	18.11	0.30	301.55	5.11

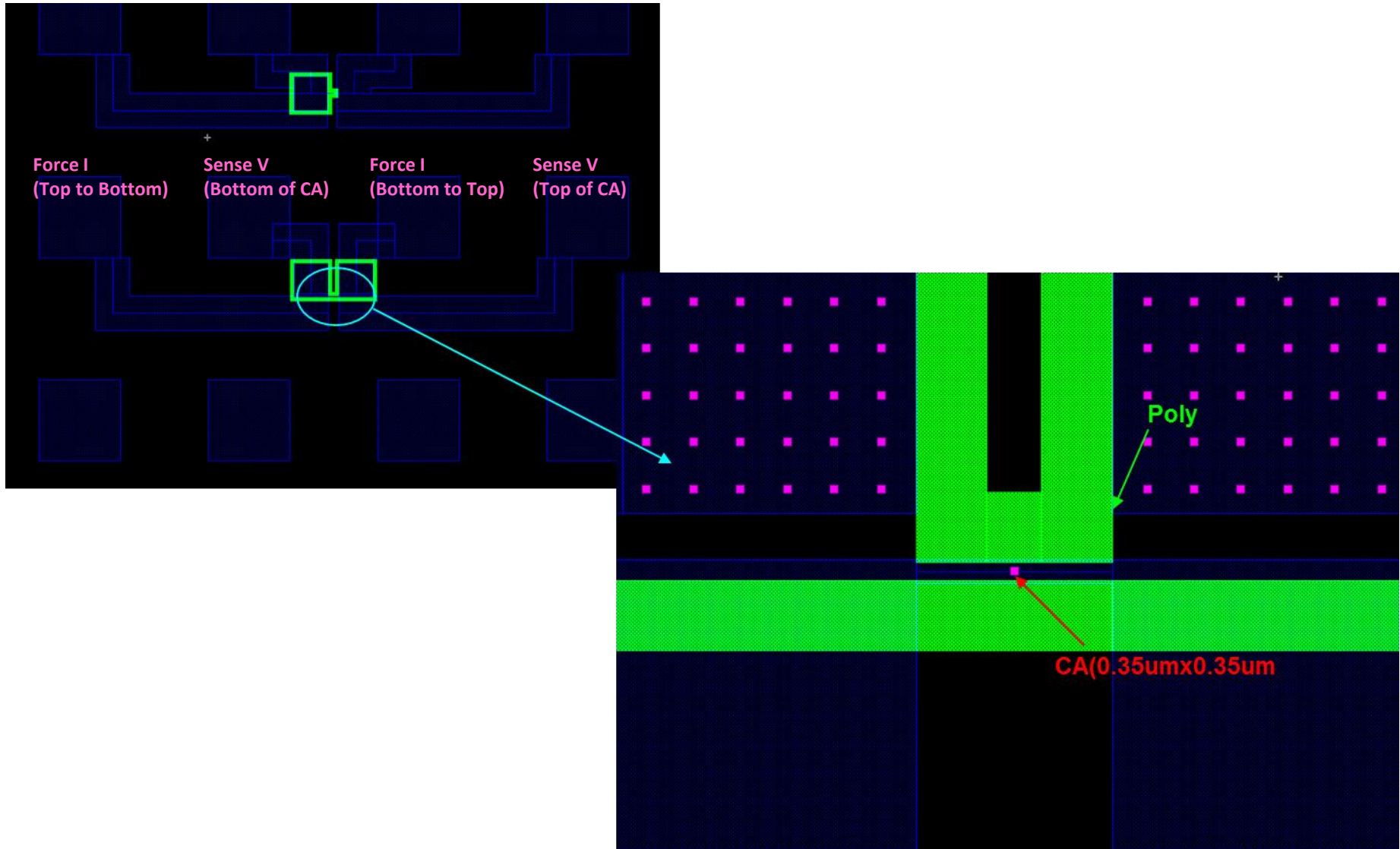
Single Via 1 - Test Structure



Single Via1

	175°C	144mA	200°C	144mA	250°C	144mA	200°C	153mA	200°C	162mA
#	0.36um**2	400mA/um**2	0.36um**2	400mA/um**2	0.36um**2	400mA/um**2	0.36um**2	425mA/um**2	0.36um**2	450mA/um**2
	Min	Hrs	Min	Hrs	Secs	Min	Secs	Min	Secs	Min
	+ Into M1		+ Into M1		+ Into M1		+ Into M1		+ Into M1	
1	212.63	3.54	42.4	0.71	209.00	3.48	718.00	11.97	282.00	4.70
2	333.05	5.55	38.5	0.64	235.00	3.92	950.50	15.84	157.50	2.63
3	540.70	9.01	35.2	0.59	225.50	3.76	1378.50	22.98	964.50	16.08
4	596.48	9.94	67.7	1.13	233.00	3.88	1457.00	24.28	417.50	6.96
5	135.65	2.26	38.3	0.64	416.50	6.94	941.50	15.69	275.50	4.59
6	419.07	6.98	89.5	1.49	602.50	10.04	969.00	16.15	247.50	4.13
7			73.4	1.22	442.50	7.38	2012.50	33.54	443.00	7.38
8			40.1	0.67	62.50	1.04	2993.50	49.89	538.50	8.98
9			60.4	1.01	276.00	4.60	3399.00	56.65	362.00	6.03
10			68.3	1.14	408.00	6.80			179.50	2.99
	+ Into M2		+ Into M2		+ Into M2		+ Into M2		+ Into M2	
1	4396.02	73.27	89.88	1.50	592.00	9.87	2372	39.53	129	2.15
2	2555.10	42.59	90.69	1.51	626.00	10.43	5632	93.87	108	1.80
3	2967.77	49.46	105.71	1.76	885.50	14.76	5815	96.92	851	14.18
4	5346.77	89.11	199.48	3.32	488.00	8.13	6853	114.22	1721.5	28.69
5	5346.77	89.11	225.38	3.76	339.50	5.66			1065	17.75
6	5009.00	83.48			837.00	13.95			139	2.32
7					1111.00	18.52			919	15.32
8					388.50	6.48			256.5	4.28
9					1174.00	19.57				
10					1494.00	24.90				
	Into M1		Into M1		Into M1		Into M1		Into M1	
Max	596.48	9.94	89.53	1.49	602.50	10.04	3399.00	56.65	964.50	16.08
Min	135.65	2.26	35.23	0.59	62.50	1.04	718.00	11.97	157.50	2.63
Avg	372.93	6.22	55.39	0.92	311.05	5.18	1646.61	27.44	386.75	6.45
	Into M2		Into M2		Into M2		Into M2		Into M2	
Max	5346.77	89.11	225.38	3.76	1494.00	24.90	6853.00	114.22	1721.50	28.69
Min	2555.10	42.59	89.88	1.50	339.50	5.66	2372.00	39.53	108.00	1.80
Avg	4270.24	71.17	142.23	2.37	793.55	13.23	5168.00	86.13	648.63	10.81

Single Contact On Diffusion- Test Structure



Contact on Diffusion - EM Test Data Summary

Single Contact on Diffusion

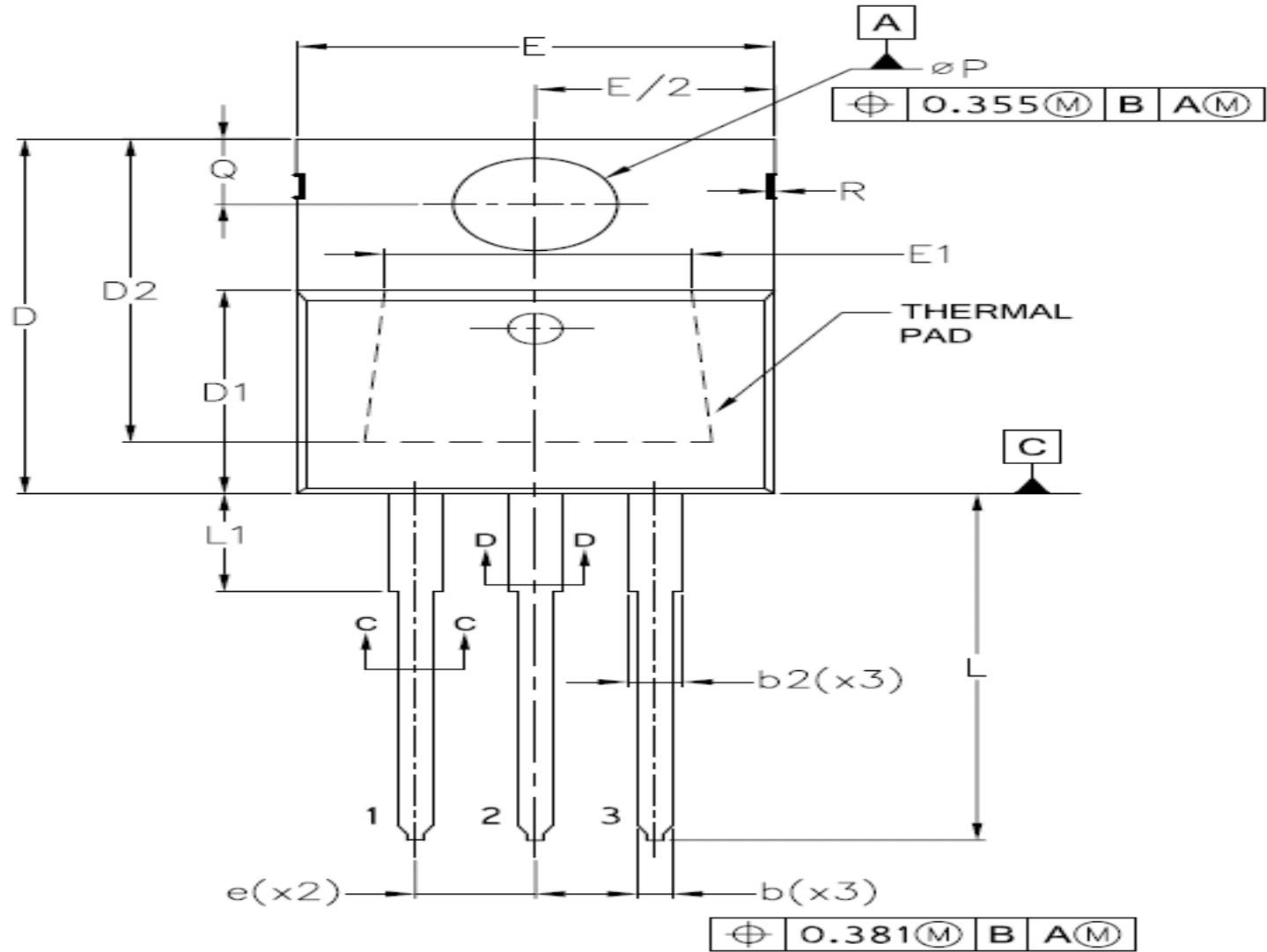
#	175°C		200°C		250°C		200°C	
	0.122um**2	9.8mA	0.122um**2	9.8mA	0.122um**2	9.8mA	0.122um**2	11mA
	Min	Hrs	Min	Hrs	Secs	Min	Secs	Min
	Into Diffusion (+ bottom)		Into Diffusion (+ bottom)		Into Diffusion (+ bottom)		Into Diffusion (+ bottom)	
1	5074.25	84.57	16.2	0.27	470.00	7.83	1236.50	20.61
2	5594.93	93.25	31.7	0.53	244.50	4.08	92.00	1.53
3			397.1	6.62	61.00	1.02	50.50	0.84
4			87.1	1.45	93.00	1.55	10.00	0.17
5					34.00	0.57	19.00	0.32
	Into Contact (+ in top)		Into Contact (+ in top)		Into Contact (+ in top)		Into Contact (+ in top)	
1			135.52	2.26	56.50	0.94	148	2.47
2			31.23	0.52	270.00	4.50	25.5	0.43
3			49.00	0.82	61.50	1.03	99.5	1.66
4					257.50	4.29	48.5	0.81
5					579.00	9.65	1207	20.12
	Into Diffusion		Into Diffusion		Into Diffusion		Into Diffusion	
Max	5594.93	93.25	397.13	6.62	470.00	7.83	1236.50	20.61
Min	5074.25	84.57	16.17	0.27	34.00	0.57	10.00	0.17
Avg	5334.59	88.91	133.02	2.22	180.50	3.01	281.60	4.69
	Into Contact		Into Contact		Into Contact		Into Contact	
Max	0.00	0.00	135.52	2.26	579.00	9.65	1207.00	20.12
Min	0.00	0.00	31.23	0.52	56.50	0.94	25.50	0.43
Avg	#DIV/0!	#DIV/0!	71.92	1.20	244.90	4.08	305.70	5.10

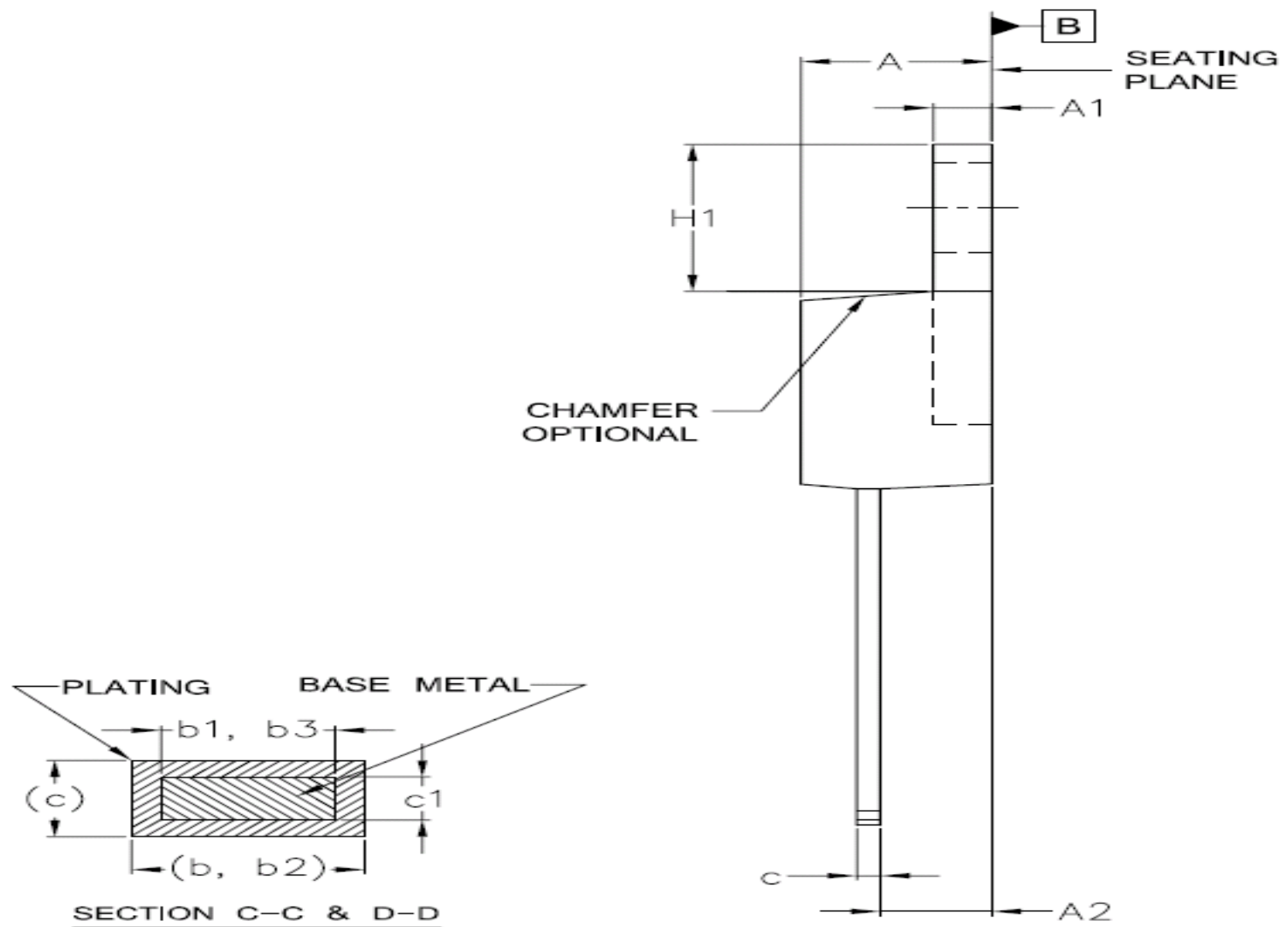
Time Dependent Dielectric Breakdown (tddb)

ICE7N60 TDDB

- Gate Oxide Range 550 to 580Å, Measured 567Å
- Temperature = 125

Gate Bias -54.10V				-56.75		-56.64	
SN	secs	min		secs	min	secs	min
• 1	155.0	2.58		941	15.68	3285	54.75
• 2	160.0	2.67		824	13.73	2963	49.38
• 3	165.0	2.75		838	13.97	3548	59.13
• 4	125.0	2.08		840	14.00	3608	60.13
• 5	191.0	3.18		963	16.05	3841	64.02
• 6	127.0	2.12		840	14.00	3500	58.33
• 7	189.5	3.16		818	13.63	4067	67.78
• 8	123.5	2.06		875	14.58	3914	65.23
• 9	143.5	2.39		889	14.82	4034	67.23
• 10	163.0	2.72		909	15.15	4040	67.33
• 11	204.5	3.41		908	15.13	4083	68.05
• 12	163.0	2.72		847	14.12	4456	74.27
• 13	207.0	3.45		859	14.32	3853	64.22
• 14	168.5	2.81		847	14.12	3438	57.30
• 15	190.5	3.18		835	13.92	3831	63.85
• 16	189.5	3.16		803	13.38	3909	65.15
• 17	168.5	2.81		701	11.68	4093	68.22
• 18	207.0	3.45		793	13.22	4351	72.52
• 19	170.0	2.83		889	14.82	3498	58.30
• 20	166.5	2.78		869	14.48	3478	57.97
• AVG				854	14.24	3790	63.16





SYMBOLS	DIMENSIONS			
	mm		Inch	
	MIN.	MAX.	MIN.	MAX.
A	3.556	4.826	0.140	0.190
A1	0.508	1.397	0.020	0.055
A2	2.032	2.921	0.080	0.115
b	0.381	1.016	0.015	0.040
b1	0.381	0.965	0.015	0.038
c	0.356	0.610	0.014	0.024
c1	0.356	0.559	0.014	0.022
D	14.224	16.510	0.560	0.650
D1	8.382	9.017	0.330	0.355
D2	12.192	12.878	0.480	0.507
E	9.652	10.668	0.380	0.420
E1	6.858	8.890	0.270	0.350
e	2.540 BSC		0.100 BSC	
H1	5.842	6.858	0.230	0.270
L	12.700	14.732	0.500	0.580
øP	3.810	3.860	0.150	0.151
Q	2.540	3.048	0.100	0.120
b2	1.143	1.778	0.045	0.070
R	1.270 BSC		0.050 BSC	
L1	—	6.350	—	0.250
b3	1.143	1.727	0.045	0.068
f1	3.200 REF.		0.126 REF.	
f2	4.220 REF.		0.166 REF.	
j	1.750 REF.		0.069 REF.	
r	0.510 REF.		0.020 REF.	
N	TO-220-3L			



ICEMOS SUPERJUNCTION PATENT PORTFOLIO

ICEMOS GRANTED PATENTS

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US7,439,178

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US7,944,018

US8,012,806

US8,030,133

3D SEMI PATENTS LICENSED TO ICEMOS

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US7,364,994

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US7,304,944B2

US7,052,982B2

US7,339,252

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US6,635,906

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