



(TO-220FP)

ICE20N170FP

Final Reliability Report

July 24th, 2012

Reliability Test Request

ICE20N170FP

Test Performed	Mil-Std. 750 Method	Conditions	Total # Units	Lot # 6701	Lot # 6608	Lot # 6700
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	1000 hrs, VGS = +24V $T_j = 150^\circ\text{C}$	0/231	0/77	0/77	0/77
Steady State Gate Bias (negative)	1042-B	1000 hrs, VGS = -24V $T_j = 150^\circ\text{C}$	0/231	0/77	0/77	0/77
Steady State Reverse Bias	1042-A	1000 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	1000 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 6701

SN	Initials							100 Cycles End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDS(on) 10V	GFS 17.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDS(on) 10V	GFS 17.5A	IGSS -30V
1	3.18	14.3E-9	24.8E-9	847.2E-3	128.2E-3	18.23	-600.0E-12	3.15	14.9E-9	35.2E-9	844.0E-3	132.8E-3	18.22	-1.8E-9
2	3.16	17.4E-9	27.6E-9	844.4E-3	132.2E-3	18.30	-1.6E-9	3.14	20.5E-9	34.4E-9	842.8E-3	135.5E-3	18.24	-2.4E-9
3	3.15	16.4E-9	28.4E-9	844.8E-3	132.0E-3	18.23	-400.0E-12	3.14	16.4E-9	34.0E-9	842.8E-3	134.9E-3	18.25	-1.4E-9
4	3.14	16.9E-9	29.2E-9	842.4E-3	135.2E-3	18.23	-600.0E-12	3.14	19.7E-9	32.8E-9	842.4E-3	136.4E-3	18.34	-2.3E-9
5	3.17	14.3E-9	26.0E-9	843.6E-3	137.8E-3	18.20	-680.0E-12	3.16	16.9E-9	31.6E-9	842.8E-3	139.9E-3	18.24	-2.4E-9
6	3.17	16.4E-9	25.2E-9	843.2E-3	136.7E-3	18.20	-680.0E-12	3.16	17.4E-9	31.6E-9	842.0E-3	139.1E-3	18.22	-2.4E-9
7	3.18	12.3E-9	37.2E-9	844.4E-3	137.8E-3	18.17	-440.0E-12	3.16	13.8E-9	46.8E-9	843.2E-3	141.0E-3	18.13	-2.1E-9
8	3.18	13.8E-9	78.8E-9	844.8E-3	137.5E-3	18.18	-1.0E-9	3.16	24.6E-9	87.6E-9	843.6E-3	140.6E-3	18.14	-2.1E-9
9	3.24	12.5E-9	26.0E-9	845.2E-3	132.5E-3	17.92	40.0E-12	3.23	16.4E-9	31.6E-9	843.6E-3	135.8E-3	17.98	-1.6E-9
10	3.26	12.8E-9	24.8E-9	846.4E-3	131.5E-3	17.86	-800.0E-12	3.24	16.4E-9	31.6E-9	844.0E-3	134.9E-3	17.99	-1.4E-9
11	3.20	14.9E-9	23.6E-9	844.4E-3	134.6E-3	18.01	-40.0E-12	3.19	15.4E-9	28.4E-9	842.8E-3	138.6E-3	18.07	-1.8E-9
12	3.23	13.8E-9	23.2E-9	845.6E-3	132.8E-3	17.92	-1.6E-9	3.21	17.9E-9	29.2E-9	844.4E-3	136.3E-3	18.01	-1.5E-9
13	3.20	13.8E-9	22.0E-9	844.4E-3	135.1E-3	17.98	-40.0E-12	3.19	16.4E-9	29.2E-9	843.6E-3	138.3E-3	18.06	-1.7E-9
14	3.20	13.3E-9	24.4E-9	844.0E-3	135.6E-3	17.96	320.0E-12	3.19	15.4E-9	30.0E-9	844.0E-3	138.2E-3	18.08	-1.8E-9
15	3.21	12.3E-9	23.6E-9	844.4E-3	135.4E-3	17.99	-40.0E-12	3.20	14.6E-9	29.2E-9	844.4E-3	138.0E-3	18.04	-1.7E-9
16	3.22	15.4E-9	22.4E-9	844.4E-3	134.7E-3	18.04	-640.0E-12	3.20	14.3E-9	29.2E-9	843.6E-3	138.1E-3	17.99	-1.7E-9
17	3.23	12.3E-9	22.8E-9	845.2E-3	135.8E-3	17.95	80.0E-12	3.21	12.5E-9	28.8E-9	844.4E-3	139.3E-3	17.95	-1.4E-9
18	3.23	13.8E-9	22.0E-9	845.6E-3	135.7E-3	17.98	-40.0E-12	3.22	13.8E-9	29.6E-9	845.6E-3	138.5E-3	18.06	-1.4E-9
19	3.18	12.3E-9	28.4E-9	844.4E-3	138.3E-3	18.20	-160.0E-12	3.17	14.3E-9	34.0E-9	843.6E-3	141.0E-3	18.28	-1.5E-9
20	3.19	12.5E-9	28.4E-9	845.2E-3	138.8E-3	18.23	-80.0E-12	3.18	14.9E-9	32.0E-9	846.4E-3	140.6E-3	18.24	-1.6E-9
21	3.18	17.4E-9	25.2E-9	844.4E-3	137.9E-3	18.19	-1.8E-9	3.16	15.4E-9	32.4E-9	842.8E-3	141.0E-3	18.22	-1.5E-9
22	3.17	13.8E-9	28.0E-9	842.8E-3	139.3E-3	18.14	9.0E-9	3.17	17.4E-9	31.2E-9	844.0E-3	139.6E-3	18.26	-1.8E-9
23	3.17	16.9E-9	26.8E-9	844.0E-3	138.1E-3	18.18	-440.0E-12	3.16	17.4E-9	33.2E-9	842.8E-3	140.5E-3	18.17	-1.5E-9
24	3.18	16.9E-9	25.6E-9	845.2E-3	137.4E-3	18.20	-160.0E-12	3.16	17.7E-9	31.6E-9	842.8E-3	140.0E-3	18.19	-1.4E-9
25	3.18	14.3E-9	27.2E-9	844.4E-3	136.9E-3	18.13	-1.5E-9	3.17	16.4E-9	31.6E-9	843.6E-3	138.2E-3	18.11	-880.0E-12

Temperature Cycle
Mil-Std 750 M 1051, 100 Cycles, ΔT_j -55°C to 175°C
Lot 6701

SN	Initials							100 Cycles End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSOn 10V	GFS 17.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSOn 10V	GFS 17.5A	IGSS -30V
26	3.18	16.4E-9	27.2E-9	843.6E-3	137.8E-3	18.12	-1.2E-9	3.17	16.4E-9	30.8E-9	843.2E-3	138.7E-3	18.17	-1.2E-9
27	3.21	13.3E-9	28.8E-9	844.4E-3	134.1E-3	18.16	400.0E-12	3.19	14.9E-9	34.8E-9	842.8E-3	136.2E-3	18.22	-1.4E-9
28	3.19	14.3E-9	27.2E-9	844.4E-3	135.6E-3	18.19	-720.0E-12	3.18	14.9E-9	33.6E-9	842.4E-3	137.3E-3	18.20	-1.6E-9
29	3.28	12.8E-9	30.4E-9	844.4E-3	129.5E-3	17.95	-600.0E-12	3.27	14.3E-9	34.8E-9	843.6E-3	130.1E-3	18.04	-2.0E-9
30	3.29	16.6E-9	28.8E-9	844.8E-3	128.2E-3	18.02	-1.6E-9	3.27	17.4E-9	35.2E-9	843.6E-3	130.8E-3	18.05	-1.0E-9
31	3.29	10.2E-9	30.8E-9	844.4E-3	129.1E-3	18.01	1.3E-9	3.28	14.3E-9	36.0E-9	843.6E-3	131.3E-3	18.07	-720.0E-12
32	3.23	16.4E-9	29.2E-9	842.8E-3	130.4E-3	18.00	-240.0E-12	3.23	18.4E-9	34.0E-9	842.8E-3	132.3E-3	18.08	-1.5E-9
33	3.26	13.3E-9	31.6E-9	844.0E-3	129.6E-3	18.08	2.4E-9	3.24	18.4E-9	38.4E-9	843.2E-3	132.2E-3	18.10	000.0E+0
34	3.21	16.4E-9	29.2E-9	843.6E-3	130.5E-3	18.08	23.8E-9	3.20	18.9E-9	33.6E-9	843.2E-3	132.4E-3	18.12	4.8E-9
35	3.23	15.4E-9	27.6E-9	843.2E-3	130.0E-3	17.99	-240.0E-12	3.22	16.9E-9	32.8E-9	843.6E-3	132.1E-3	18.11	4.0E-9
36	3.19	14.9E-9	32.0E-9	844.4E-3	130.8E-3	18.07	80.0E-12	3.19	14.9E-9	38.0E-9	844.8E-3	133.0E-3	18.23	5.1E-9
37	3.20	16.4E-9	55.2E-9	843.6E-3	131.0E-3	18.11	-840.0E-12	3.20	19.5E-9	61.6E-9	844.0E-3	132.5E-3	18.17	4.0E-9
38	3.17	14.3E-9	40.8E-9	844.0E-3	138.0E-3	18.13	-640.0E-12	3.16	16.6E-9	46.4E-9	843.2E-3	140.6E-3	18.19	-600.0E-12
39	3.19	14.3E-9	28.4E-9	844.8E-3	139.7E-3	18.08	-600.0E-12	3.18	12.3E-9	32.4E-9	844.4E-3	141.4E-3	18.17	-520.0E-12
40	3.16	16.4E-9	26.8E-9	842.8E-3	137.6E-3	18.06	-680.0E-12	3.16	17.4E-9	31.6E-9	843.6E-3	138.2E-3	18.16	4.0E-9
41	3.16	16.4E-9	26.0E-9	843.2E-3	136.4E-3	18.14	-520.0E-12	3.16	19.5E-9	30.0E-9	844.0E-3	137.2E-3	18.20	-880.0E-12
42	3.15	16.9E-9	25.6E-9	843.6E-3	133.3E-3	18.10	1.6E-9	3.15	18.4E-9	32.4E-9	843.2E-3	134.5E-3	18.23	2.6E-9
43	3.16	16.4E-9	26.8E-9	844.0E-3	133.5E-3	18.16	-80.0E-12	3.14	16.4E-9	34.4E-9	841.6E-3	137.1E-3	18.24	-2.1E-9
44	3.16	20.5E-9	28.0E-9	843.6E-3	132.3E-3	18.14	-760.0E-12	3.15	17.4E-9	34.8E-9	842.8E-3	133.8E-3	18.20	9.3E-9
45	3.15	16.4E-9	26.8E-9	843.2E-3	132.8E-3	18.19	1.2E-9	3.14	20.5E-9	33.2E-9	843.2E-3	133.8E-3	18.23	4.2E-9
46	3.15	13.8E-9	27.6E-9	843.6E-3	130.7E-3	18.12	280.0E-12	3.14	16.4E-9	33.6E-9	842.4E-3	132.2E-3	18.19	9.5E-9
47	3.16	15.4E-9	28.4E-9	844.0E-3	131.8E-3	18.13	4.1E-9	3.15	16.4E-9	32.8E-9	842.4E-3	132.9E-3	18.16	2.4E-9
48	3.15	14.3E-9	26.0E-9	843.6E-3	134.7E-3	18.14	1.7E-9	3.14	17.9E-9	31.6E-9	845.6E-3	136.6E-3	18.14	-480.0E-12
49	3.18	12.3E-9	24.4E-9	844.4E-3	136.7E-3	18.12	14.9E-9	3.16	14.9E-9	31.6E-9	842.4E-3	138.9E-3	18.10	21.3E-9
50	3.25	13.3E-9	26.8E-9	844.0E-3	134.9E-3	18.18	6.2E-9	3.24	17.4E-9	33.2E-9	842.8E-3	137.4E-3	18.22	-1.3E-9

Temperature Cycle
Mil-Std 750 M 1051, 100 Cycles, ΔT_j -55°C to 175°C
Lot 6701

SN	Initials							100 Cycles End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDS(on) 10V	GFS 17.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDS(on) 10V	GFS 17.5A	IGSS -30V
51	3.25	23.6E-9	28.0E-9	844.8E-3	133.4E-3	18.26	-840.0E-12	3.24	18.4E-9	30.8E-9	844.8E-3	134.3E-3	18.35	-1.4E-9
52	3.24	16.6E-9	26.0E-9	844.8E-3	135.0E-3	18.16	6.3E-9	3.23	16.4E-9	33.6E-9	843.6E-3	136.8E-3	18.20	-800.0E-12
53	3.25	17.4E-9	30.0E-9	844.4E-3	134.5E-3	18.24	2.6E-9	3.23	16.4E-9	37.2E-9	842.8E-3	137.0E-3	18.29	-760.0E-12
54	3.24	10.2E-9	28.4E-9	844.4E-3	136.7E-3	18.10	-200.0E-12	3.23	16.4E-9	32.8E-9	844.0E-3	138.3E-3	18.13	6.0E-9
55	3.23	12.3E-9	26.4E-9	844.8E-3	135.7E-3	18.11	4.7E-9	3.23	14.3E-9	30.8E-9	844.4E-3	135.8E-3	18.16	-960.0E-12
56	3.27	12.5E-9	31.2E-9	844.4E-3	140.3E-3	18.13	15.8E-9	3.26	11.8E-9	34.8E-9	844.4E-3	140.2E-3	18.18	-1.0E-9
57	3.24	10.8E-9	28.4E-9	844.4E-3	137.5E-3	18.06	18.4E-9	3.24	13.8E-9	32.8E-9	844.4E-3	137.8E-3	18.17	-2.8E-9
58	3.22	13.3E-9	28.0E-9	843.6E-3	137.7E-3	18.12	640.0E-12	3.21	15.4E-9	32.8E-9	844.0E-3	137.3E-3	18.16	-1.5E-9
59	3.23	10.5E-9	27.6E-9	844.4E-3	138.1E-3	18.11	480.0E-12	3.23	15.4E-9	31.6E-9	844.4E-3	137.6E-3	18.11	-1.1E-9
60	3.21	14.6E-9	26.8E-9	844.0E-3	136.9E-3	18.08	2.1E-9	3.21	16.4E-9	30.0E-9	844.0E-3	137.2E-3	18.16	-920.0E-12
61	3.22	16.4E-9	30.4E-9	844.8E-3	136.3E-3	18.05	1.6E-9	3.22	13.3E-9	34.8E-9	844.8E-3	136.2E-3	18.14	-1.5E-9
62	3.20	14.6E-9	26.8E-9	843.6E-3	135.9E-3	18.08	-2.0E-9	3.20	19.7E-9	30.0E-9	844.4E-3	135.8E-3	18.18	-1.5E-9
63	3.17	16.4E-9	26.0E-9	844.8E-3	135.8E-3	18.00	-11.0E-9	3.17	16.4E-9	30.4E-9	844.0E-3	135.8E-3	18.06	-680.0E-12
64	3.17	14.6E-9	24.4E-9	845.2E-3	135.0E-3	18.04	-640.0E-12	3.17	16.4E-9	28.0E-9	844.4E-3	135.0E-3	18.05	-1.2E-9
65	3.18	15.4E-9	24.4E-9	843.6E-3	136.6E-3	17.98	-1.4E-9	3.18	16.6E-9	26.4E-9	844.4E-3	135.8E-3	18.05	-2.2E-9
66	3.17	16.4E-9	23.6E-9	844.4E-3	135.9E-3	17.99	-560.0E-12	3.17	16.9E-9	27.6E-9	845.6E-3	135.3E-3	18.04	-1.4E-9
67	3.19	13.8E-9	22.8E-9	843.6E-3	137.6E-3	18.00	400.0E-12	3.19	17.4E-9	27.6E-9	844.4E-3	137.1E-3	18.02	3.3E-9
68	3.18	15.4E-9	24.0E-9	843.6E-3	137.9E-3	18.04	-1.0E-9	3.17	16.4E-9	30.8E-9	842.8E-3	138.6E-3	18.01	-640.0E-12
69	3.20	14.3E-9	24.0E-9	844.0E-3	139.0E-3	18.01	1.1E-9	3.20	17.9E-9	27.2E-9	844.0E-3	138.5E-3	18.07	-1.2E-9
70	3.20	13.3E-9	22.4E-9	844.4E-3	137.5E-3	18.01	-80.0E-12	3.19	14.9E-9	26.8E-9	845.2E-3	137.4E-3	18.06	-960.0E-12
71	3.21	14.3E-9	23.2E-9	843.6E-3	140.1E-3	17.99	480.0E-12	3.21	14.9E-9	27.2E-9	844.0E-3	139.3E-3	18.07	29.1E-9
72	3.20	12.8E-9	23.2E-9	843.2E-3	139.8E-3	17.98	-1.6E-9	3.20	17.4E-9	27.2E-9	844.0E-3	139.1E-3	18.02	5.7E-9
73	3.21	13.3E-9	24.8E-9	844.0E-3	140.6E-3	18.01	6.6E-9	3.22	14.9E-9	28.4E-9	844.0E-3	139.7E-3	18.02	680.0E-12
74	3.25	9.2E-9	26.0E-9	843.6E-3	139.2E-3	18.01	160.0E-12	3.24	13.3E-9	31.6E-9	844.0E-3	139.3E-3	18.07	-1.9E-9
75	3.24	11.3E-9	24.8E-9	844.8E-3	139.6E-3	18.00	1.4E-9	3.24	12.3E-9	29.6E-9	844.0E-3	139.1E-3	18.07	-160.0E-12
76	3.28	8.7E-9	29.2E-9	843.6E-3	138.5E-3	17.95	6.8E-9	3.28	10.2E-9	31.2E-9	846.8E-3	137.7E-3	17.99	9.8E-9
77	3.25	9.2E-9	27.6E-9	844.4E-3	139.5E-3	17.98	25.2E-9	3.25	13.3E-9	30.8E-9	846.4E-3	140.2E-3	18.08	2.4E-9

Temperature Cycle
Mil-Std 750 M 1051, 100 Cycles, ΔT_j -55°C to 175°C
Lot 6608

SN	Initials							100 Cycles End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSOn 10V	GFS 17.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSOn 10V	GFS 17.5A	IGSS -30V
321	3.34	23.9E-9	28.5E-9	845.8E-3	140.9E-3	19.23	-1.2E-9	3.33	22.5E-9	27.2E-9	845.2E-3	139.9E-3	19.13	-2.1E-9
322	3.40	20.3E-9	26.5E-9	847.3E-3	135.1E-3	17.84	-1.3E-9	3.39	19.5E-9	25.6E-9	846.8E-3	134.9E-3	17.77	-1.9E-9
323	3.41	17.5E-9	25.3E-9	847.6E-3	138.7E-3	18.98	-165.3E-12	3.40	16.4E-9	24.0E-9	846.8E-3	138.6E-3	18.79	-1.6E-9
324	3.41	16.2E-9	28.9E-9	845.7E-3	142.3E-3	18.99	144.0E-12	3.39	15.4E-9	27.6E-9	844.8E-3	141.8E-3	18.83	-640.0E-12
325	3.42	18.3E-9	25.3E-9	850.6E-3	138.5E-3	18.75	-1.1E-9	3.40	17.4E-9	24.8E-9	849.6E-3	138.3E-3	18.58	-1.6E-9
326	3.44	19.1E-9	26.3E-9	847.1E-3	138.2E-3	18.79	-1.3E-9	3.41	17.9E-9	25.2E-9	846.8E-3	137.7E-3	18.67	-2.3E-9
327	3.44	19.3E-9	25.7E-9	847.7E-3	137.9E-3	18.48	1.6E-9	3.42	18.7E-9	24.8E-9	846.8E-3	136.9E-3	18.34	280.0E-12
328	3.43	20.9E-9	26.7E-9	846.9E-3	138.1E-3	18.60	-1.2E-9	3.42	20.0E-9	25.2E-9	846.4E-3	137.8E-3	18.47	-2.2E-9
329	3.43	19.6E-9	25.8E-9	847.7E-3	137.4E-3	18.37	-1.1E-9	3.42	18.9E-9	24.4E-9	846.8E-3	136.2E-3	18.28	-1.7E-9
330	3.41	19.4E-9	27.6E-9	846.6E-3	136.8E-3	18.09	-1.6E-9	3.41	18.9E-9	26.0E-9	846.0E-3	135.5E-3	18.08	-2.5E-9
331	3.41	21.7E-9	26.6E-9	847.4E-3	134.5E-3	18.20	-1.3E-9	3.39	21.0E-9	25.2E-9	846.8E-3	134.3E-3	18.05	-2.0E-9
332	3.42	20.0E-9	26.3E-9	847.2E-3	135.9E-3	18.26	-1.7E-9	3.40	18.9E-9	24.8E-9	846.4E-3	134.9E-3	18.11	-2.6E-9
333	3.38	22.3E-9	26.6E-9	847.6E-3	133.5E-3	17.93	-96.1E-12	3.38	21.5E-9	25.6E-9	846.8E-3	133.1E-3	17.89	-880.0E-12
334	3.37	26.9E-9	28.7E-9	846.1E-3	135.8E-3	17.84	-1.4E-9	3.36	25.6E-9	27.6E-9	845.2E-3	134.5E-3	17.82	-2.6E-9
335	3.40	21.7E-9	27.5E-9	847.1E-3	133.4E-3	17.94	-982.2E-12	3.38	20.5E-9	26.8E-9	846.0E-3	132.8E-3	17.87	-2.2E-9
336	3.43	16.8E-9	27.3E-9	847.8E-3	133.7E-3	17.83	75.6E-12	3.42	15.4E-9	26.8E-9	846.8E-3	133.2E-3	17.76	-520.0E-12
337	3.46	17.3E-9	27.3E-9	846.9E-3	131.8E-3	18.10	3.7E-9	3.44	16.6E-9	26.0E-9	846.4E-3	131.7E-3	17.95	2.3E-9
338	3.46	14.9E-9	27.1E-9	846.9E-3	133.3E-3	18.00	351.2E-12	3.44	14.3E-9	26.0E-9	846.4E-3	132.3E-3	17.86	-800.0E-12
339	3.48	18.2E-9	27.3E-9	847.8E-3	131.8E-3	18.25	-291.4E-12	3.48	17.4E-9	26.0E-9	847.2E-3	130.7E-3	18.22	-960.0E-12
340	3.48	14.2E-9	27.0E-9	849.4E-3	132.4E-3	18.32	5.8E-9	3.46	13.3E-9	26.0E-9	848.4E-3	131.1E-3	18.14	4.7E-9
341	3.43	17.2E-9	30.9E-9	848.0E-3	131.1E-3	19.02	517.6E-12	3.42	16.4E-9	29.6E-9	847.2E-3	130.6E-3	18.83	-760.0E-12
342	3.47	15.5E-9	27.3E-9	847.0E-3	131.1E-3	18.87	2.1E-9	3.45	14.9E-9	26.0E-9	846.4E-3	130.2E-3	18.82	680.0E-12
343	3.43	16.7E-9	28.1E-9	847.9E-3	131.2E-3	18.74	3.3E-9	3.41	15.4E-9	27.2E-9	847.2E-3	131.1E-3	18.62	2.0E-9
344	3.43	18.4E-9	28.3E-9	848.7E-3	132.2E-3	18.96	555.5E-12	3.41	17.4E-9	27.6E-9	847.6E-3	131.1E-3	18.78	-480.0E-12
345	3.43	18.9E-9	30.5E-9	846.2E-3	132.9E-3	18.11	812.0E-12	3.41	17.9E-9	29.2E-9	845.6E-3	132.0E-3	18.05	-440.0E-12

Temperature Cycle
Mil-Std 750 M 1051, 100 Cycles, ΔT_j -55°C to 175°C
Lot 6608

SN	Initials							100 Cycles End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSOn 10V	GFS 17.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSOn 10V	GFS 17.5A	IGSS -30V
346	3.43	20.0E-9	28.4E-9	846.5E-3	132.4E-3	18.48	1.9E-9	3.42	18.4E-9	26.8E-9	845.6E-3	131.6E-3	18.31	800.0E-12
347	3.39	15.2E-9	27.2E-9	844.9E-3	135.2E-3	18.01	11.4E-9	3.37	14.3E-9	26.8E-9	844.4E-3	134.3E-3	17.86	10.1E-9
348	3.37	16.8E-9	264.3E-9	846.7E-3	133.2E-3	18.03	5.1E-9	3.37	15.4E-9	263.6E-9	846.0E-3	132.5E-3	17.92	3.6E-9
349	3.37	15.4E-9	27.2E-9	848.2E-3	133.4E-3	17.89	403.1E-12	3.37	14.9E-9	26.4E-9	847.6E-3	133.3E-3	17.87	-440.0E-12
350	3.38	16.4E-9	27.5E-9	849.6E-3	135.2E-3	17.93	1.1E-9	3.37	15.4E-9	26.8E-9	849.2E-3	134.1E-3	17.89	280.0E-12
351	3.38	17.8E-9	26.5E-9	849.5E-3	134.3E-3	18.08	3.9E-9	3.36	16.4E-9	26.0E-9	848.4E-3	134.0E-3	17.95	3.0E-9
352	3.38	17.4E-9	28.4E-9	846.6E-3	136.2E-3	18.07	9.5E-9	3.37	16.9E-9	27.6E-9	845.6E-3	135.3E-3	17.99	8.8E-9
353	3.38	17.7E-9	29.0E-9	847.6E-3	135.2E-3	18.11	-1.7E-9	3.36	16.4E-9	27.6E-9	847.2E-3	134.9E-3	18.05	-2.3E-9
354	3.36	19.9E-9	29.1E-9	847.8E-3	135.8E-3	18.13	-346.4E-12	3.35	18.4E-9	27.6E-9	847.2E-3	135.5E-3	18.02	-1.4E-9
355	3.37	17.2E-9	26.6E-9	848.3E-3	136.9E-3	18.24	45.7E-12	3.36	16.4E-9	26.0E-9	848.0E-3	136.0E-3	18.11	-560.0E-12
356	3.39	14.8E-9	28.4E-9	847.6E-3	137.4E-3	18.29	717.8E-12	3.38	14.3E-9	26.8E-9	847.2E-3	136.2E-3	18.12	-640.0E-12
357	3.38	15.0E-9	28.2E-9	847.1E-3	136.8E-3	18.12	-1.3E-9	3.38	14.3E-9	27.2E-9	846.4E-3	135.7E-3	18.10	-1.8E-9
358	3.39	17.1E-9	30.7E-9	848.3E-3	136.7E-3	18.37	-393.3E-12	3.38	16.4E-9	29.2E-9	847.6E-3	136.6E-3	18.20	-1.8E-9
359	3.40	15.2E-9	26.8E-9	849.1E-3	136.7E-3	18.22	-2.6E-9	3.39	14.3E-9	26.4E-9	848.4E-3	136.4E-3	18.19	-3.0E-9
360	3.39	17.1E-9	28.4E-9	851.1E-3	137.1E-3	18.78	-2.0E-9	3.37	16.4E-9	27.6E-9	850.4E-3	136.8E-3	18.74	-2.5E-9
361	3.32	21.4E-9	29.2E-9	850.9E-3	137.1E-3	19.21	-221.6E-12	3.31	20.0E-9	28.4E-9	850.0E-3	136.7E-3	19.14	-1.0E-9
362	3.33	15.1E-9	28.8E-9	849.6E-3	138.3E-3	19.16	-1.4E-9	3.31	14.6E-9	27.6E-9	849.2E-3	137.0E-3	19.14	-2.7E-9
363	3.31	17.4E-9	30.1E-9	845.7E-3	138.3E-3	19.44	5.3E-9	3.30	16.4E-9	29.2E-9	844.8E-3	137.1E-3	19.42	4.7E-9
364	3.42	19.0E-9	30.1E-9	847.9E-3	139.6E-3	19.17	2.6E-9	3.40	17.7E-9	28.8E-9	846.8E-3	138.3E-3	19.01	1.5E-9
365	3.38	17.7E-9	28.0E-9	849.4E-3	139.3E-3	19.15	11.2E-9	3.36	16.4E-9	27.6E-9	848.4E-3	138.1E-3	19.14	10.2E-9
366	3.33	15.8E-9	27.9E-9	847.3E-3	137.2E-3	19.44	3.4E-9	3.31	14.3E-9	27.2E-9	846.8E-3	137.2E-3	19.38	2.0E-9
367	3.28	21.0E-9	28.8E-9	848.1E-3	137.2E-3	19.61	-6.7E-9	3.26	20.5E-9	27.2E-9	847.6E-3	137.0E-3	19.56	-7.1E-9
368	3.31	17.2E-9	30.0E-9	847.6E-3	139.5E-3	19.35	1.0E-9	3.30	16.4E-9	28.4E-9	847.2E-3	138.7E-3	19.21	280.0E-12
369	3.34	19.1E-9	28.8E-9	847.2E-3	138.0E-3	18.94	19.3E-9	3.34	18.4E-9	28.0E-9	846.8E-3	137.5E-3	18.78	18.2E-9
370	3.27	21.2E-9	29.4E-9	846.4E-3	138.8E-3	19.35	-1.7E-9	3.26	20.5E-9	28.8E-9	846.0E-3	138.1E-3	19.22	-2.4E-9

Temperature Cycle
Mil-Std 750 M 1051, 100 Cycles, ΔT_j -55°C to 175°C
Lot 6608

SN	Initials							100 Cycles End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDS(on) 10V	GFS 17.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDS(on) 10V	GFS 17.5A	IGSS -30V
371	3.42	19.3E-9	27.2E-9	848.1E-3	138.6E-3	18.35	-1.4E-9	3.41	18.4E-9	26.0E-9	847.6E-3	138.1E-3	18.26	-2.5E-9
372	3.38	18.0E-9	157.3E-9	846.9E-3	138.1E-3	18.61	-1.6E-9	3.36	17.4E-9	156.4E-9	846.0E-3	137.8E-3	18.43	-2.1E-9
373	3.44	20.7E-9	27.3E-9	849.7E-3	138.0E-3	18.50	-74.1E-12	3.43	19.5E-9	26.0E-9	848.8E-3	137.1E-3	18.41	-1.0E-9
374	3.30	23.6E-9	29.1E-9	849.1E-3	137.9E-3	19.36	-930.3E-12	3.30	22.5E-9	27.6E-9	848.4E-3	137.4E-3	19.27	-2.0E-9
375	3.39	22.0E-9	27.5E-9	847.7E-3	137.3E-3	18.88	-582.1E-12	3.39	21.0E-9	26.0E-9	847.2E-3	136.8E-3	18.76	-1.7E-9
376	3.30	23.7E-9	94.5E-9	847.2E-3	138.5E-3	19.50	157.5E-12	3.30	22.5E-9	94.0E-9	846.4E-3	137.2E-3	19.44	-800.0E-12
377	3.30	24.4E-9	27.7E-9	848.1E-3	137.9E-3	19.51	839.4E-12	3.28	23.0E-9	27.2E-9	847.6E-3	137.3E-3	19.48	-640.0E-12
378	3.20	26.6E-9	27.6E-9	847.9E-3	136.8E-3	20.17	-1.6E-9	3.20	26.1E-9	27.2E-9	847.6E-3	136.8E-3	19.98	-2.4E-9
379	3.33	22.1E-9	29.7E-9	849.0E-3	139.4E-3	19.43	-48.5E-12	3.32	21.5E-9	29.2E-9	848.4E-3	138.3E-3	19.40	-1.4E-9
380	3.39	17.3E-9	24.9E-9	847.9E-3	135.1E-3	18.04	-367.2E-12	3.39	16.4E-9	24.4E-9	847.2E-3	134.4E-3	17.96	-1.8E-9
381	3.39	16.2E-9	26.1E-9	849.5E-3	136.0E-3	18.13	418.9E-12	3.39	14.9E-9	25.2E-9	848.4E-3	135.3E-3	18.10	-80.0E-12
382	3.43	18.2E-9	25.3E-9	847.5E-3	138.1E-3	18.18	1.4E-9	3.42	17.4E-9	24.8E-9	847.2E-3	137.7E-3	18.13	920.0E-12
383	3.47	19.1E-9	25.8E-9	849.5E-3	136.1E-3	17.73	852.0E-12	3.46	17.9E-9	24.4E-9	848.8E-3	135.4E-3	17.62	-560.0E-12
384	3.48	17.6E-9	25.4E-9	849.5E-3	136.1E-3	17.83	-2.3E-9	3.48	16.4E-9	24.4E-9	849.2E-3	135.9E-3	17.68	-2.8E-9
385	3.48	17.4E-9	25.9E-9	849.7E-3	134.4E-3	17.78	111.9E-12	3.46	16.4E-9	24.4E-9	848.8E-3	133.8E-3	17.69	-800.0E-12
386	3.48	17.0E-9	26.6E-9	849.2E-3	137.3E-3	17.76	-476.3E-12	3.46	16.4E-9	25.2E-9	848.8E-3	135.9E-3	17.72	-1.0E-9
387	3.47	17.0E-9	24.7E-9	847.5E-3	135.6E-3	17.80	-1.1E-9	3.46	16.4E-9	23.2E-9	847.2E-3	134.3E-3	17.71	-1.8E-9
388	3.49	15.5E-9	24.7E-9	849.3E-3	134.0E-3	17.66	133.8E-12	3.47	14.9E-9	23.2E-9	848.8E-3	133.2E-3	17.63	-720.0E-12
389	3.47	17.3E-9	24.4E-9	847.7E-3	133.9E-3	17.62	453.2E-12	3.46	16.4E-9	23.6E-9	847.2E-3	133.8E-3	17.62	-600.0E-12
390	3.50	17.8E-9	24.8E-9	852.9E-3	133.4E-3	17.80	1.7E-9	3.50	16.4E-9	23.6E-9	852.4E-3	133.2E-3	17.64	400.0E-12
391	3.47	15.4E-9	24.6E-9	851.2E-3	133.8E-3	17.67	-738.7E-12	3.47	14.9E-9	24.0E-9	850.8E-3	132.9E-3	17.64	-1.6E-9
392	3.53	15.4E-9	25.1E-9	854.5E-3	131.7E-3	17.66	389.3E-12	3.52	14.3E-9	24.4E-9	853.6E-3	131.2E-3	17.63	-480.0E-12
393	3.53	15.7E-9	25.1E-9	853.2E-3	132.7E-3	17.78	595.4E-12	3.51	14.9E-9	24.4E-9	852.8E-3	131.9E-3	17.66	-600.0E-12
394	3.51	16.3E-9	26.5E-9	849.1E-3	132.3E-3	17.87	-1.1E-9	3.50	14.9E-9	25.6E-9	848.0E-3	131.4E-3	17.84	-2.0E-9
395	3.59	17.4E-9	24.6E-9	848.5E-3	130.8E-3	17.85	11.2E-9	3.57	16.4E-9	23.6E-9	848.0E-3	129.9E-3	17.68	10.5E-9
396	3.50	17.6E-9	27.7E-9	848.6E-3	132.5E-3	18.08	1.9E-9	3.48	16.4E-9	26.4E-9	847.6E-3	132.4E-3	17.93	1.5E-9
397	3.48	17.3E-9	78.6E-9	848.4E-3	132.4E-3	17.92	-1.3E-9	3.48	16.4E-9	77.2E-9	848.0E-3	131.8E-3	17.92	-2.2E-9

Temperature Cycle
Mil-Std 750 M 1051, 100 Cycles, ΔT_j -55°C to 175°C
Lot 6700

SN	Initials							100 Cycles End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDS(on) 10V	GFS 17.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDS(on) 10V	GFS 17.5A	IGSS -30V
641	3.20	15.4E-9	34.0E-9	847.2E-3	131.9E-3	18.60	-8.9E-9	3.16	14.9E-9	38.8E-9	846.4E-3	132.4E-3	18.54	-8.2E-9
642	3.20	14.3E-9	34.0E-9	846.8E-3	130.4E-3	18.70	-6.2E-9	3.14	14.3E-9	37.2E-9	845.2E-3	130.3E-3	18.61	-8.2E-9
643	3.20	13.3E-9	39.6E-9	846.8E-3	126.1E-3	18.80	9.9E-9	3.16	16.9E-9	45.6E-9	844.8E-3	126.7E-3	18.74	-8.8E-9
644	3.20	15.4E-9	34.4E-9	847.2E-3	129.3E-3	18.80	-10.6E-9	3.15	16.4E-9	266.0E-9	846.8E-3	128.6E-3	18.66	-7.4E-9
645	3.20	18.4E-9	37.6E-9	847.2E-3	123.8E-3	18.80	-7.7E-9	3.17	16.9E-9	42.8E-9	845.2E-3	123.9E-3	18.71	-7.8E-9
646	3.20	16.9E-9	39.6E-9	846.8E-3	124.1E-3	18.70	-47.5E-9	3.17	16.4E-9	41.2E-9	846.4E-3	123.3E-3	18.70	-8.2E-9
647	3.20	12.3E-9	39.6E-9	847.2E-3	124.7E-3	18.50	-7.5E-9	3.17	14.3E-9	42.0E-9	846.8E-3	124.2E-3	18.38	-6.8E-9
648	3.20	14.3E-9	40.4E-9	848.4E-3	125.0E-3	18.60	-8.8E-9	3.16	16.4E-9	44.0E-9	847.6E-3	124.5E-3	18.53	-6.6E-9
649	3.30	10.8E-9	37.2E-9	846.4E-3	118.7E-3	18.10	-6.4E-9	3.25	10.2E-9	38.4E-9	844.8E-3	118.4E-3	18.13	-6.2E-9
650	3.20	13.3E-9	45.2E-9	847.2E-3	121.4E-3	18.30	-7.3E-9	3.21	14.3E-9	50.8E-9	846.8E-3	121.2E-3	18.24	-6.0E-9
651	3.20	11.3E-9	43.6E-9	846.0E-3	122.0E-3	18.40	-6.9E-9	3.21	12.5E-9	45.6E-9	846.4E-3	121.5E-3	18.37	-5.6E-9
652	3.20	10.2E-9	49.2E-9	846.4E-3	120.5E-3	18.30	-6.4E-9	3.23	11.3E-9	51.6E-9	847.2E-3	120.1E-3	18.22	-7.0E-9
653	3.20	14.3E-9	42.0E-9	846.0E-3	123.2E-3	18.80	-8.3E-9	3.16	13.6E-9	44.8E-9	845.6E-3	122.8E-3	18.71	-7.4E-9
654	3.10	12.8E-9	35.2E-9	846.8E-3	130.2E-3	18.80	-8.5E-9	3.14	14.3E-9	36.0E-9	846.4E-3	129.5E-3	18.76	-7.9E-9
655	3.20	13.8E-9	44.4E-9	844.8E-3	123.7E-3	18.80	-9.7E-9	3.15	15.4E-9	45.2E-9	845.6E-3	122.6E-3	18.72	-5.0E-9
656	3.20	14.3E-9	42.8E-9	846.4E-3	122.9E-3	18.40	-8.5E-9	3.18	14.3E-9	45.2E-9	845.2E-3	122.3E-3	18.38	-5.9E-9
657	3.20	14.9E-9	32.8E-9	847.2E-3	132.6E-3	18.70	-9.2E-9	3.15	15.4E-9	34.8E-9	847.2E-3	131.7E-3	18.65	-6.4E-9
658	3.10	14.3E-9	39.2E-9	846.4E-3	128.1E-3	18.70	-8.0E-9	3.14	16.4E-9	41.6E-9	846.4E-3	127.4E-3	18.71	-8.5E-9
659	3.20	13.8E-9	46.8E-9	846.4E-3	120.0E-3	18.20	-7.3E-9	3.21	9.2E-9	47.2E-9	846.8E-3	118.6E-3	18.11	-5.6E-9
660	3.20	15.4E-9	60.4E-9	846.8E-3	122.4E-3	18.30	-7.2E-9	3.17	16.4E-9	55.6E-9	845.2E-3	121.4E-3	18.30	-6.6E-9
661	3.10	12.8E-9	35.6E-9	845.6E-3	132.1E-3	18.70	-9.0E-9	3.15	16.4E-9	46.8E-9	852.8E-3	124.8E-3	18.44	-5.3E-9
662	3.20	14.9E-9	53.6E-9	846.4E-3	122.4E-3	18.40	-6.8E-9	3.17	16.4E-9	56.8E-9	846.8E-3	120.9E-3	18.32	-5.9E-9
663	3.10	15.4E-9	46.0E-9	845.2E-3	126.7E-3	18.50	-6.8E-9	3.14	13.8E-9	49.2E-9	845.2E-3	123.0E-3	18.53	-4.5E-9
664	3.10	16.4E-9	52.4E-9	844.4E-3	126.0E-3	18.50	-6.6E-9	3.14	14.9E-9	41.6E-9	845.2E-3	125.7E-3	18.54	-7.1E-9
665	3.10	13.3E-9	43.6E-9	844.0E-3	129.2E-3	18.50	-7.2E-9	3.16	14.9E-9	36.8E-9	847.6E-3	129.1E-3	18.37	-5.7E-9

Temperature Cycle
Mil-Std 750 M 1051, 100 Cycles, ΔT_j -55°C to 175°C
Lot 6700

SN	Initials							100 Cycles End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSOn 10V	GFS 17.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSOn 10V	GFS 17.5A	IGSS -30V
666	3.20	16.4E-9	40.0E-9	844.0E-3	132.2E-3	18.40	-6.6E-9	3.15	16.4E-9	45.2E-9	846.4E-3	123.4E-3	18.47	-5.6E-9
667	3.10	16.4E-9	48.0E-9	844.8E-3	126.4E-3	18.50	-5.6E-9	3.15	18.4E-9	37.2E-9	846.4E-3	129.6E-3	18.50	-5.9E-9
668	3.10	14.3E-9	40.4E-9	844.4E-3	132.6E-3	18.50	-6.8E-9	3.14	17.4E-9	35.6E-9	846.4E-3	130.2E-3	18.66	-7.9E-9
669	3.10	14.9E-9	43.2E-9	844.0E-3	133.0E-3	18.40	-5.6E-9	3.16	17.4E-9	40.0E-9	846.4E-3	129.6E-3	18.41	-5.8E-9
670	3.10	14.6E-9	51.6E-9	843.2E-3	126.3E-3	18.50	-6.6E-9	3.16	12.8E-9	46.4E-9	845.6E-3	122.6E-3	18.49	-6.2E-9
671	3.10	13.6E-9	40.4E-9	845.6E-3	131.6E-3	18.50	-6.8E-9	3.15	18.4E-9	39.2E-9	847.6E-3	128.3E-3	18.48	-6.2E-9
672	3.10	14.3E-9	38.0E-9	844.4E-3	132.5E-3	18.50	-6.4E-9	3.15	16.4E-9	35.2E-9	846.8E-3	129.0E-3	18.41	-1.7E-9
673	3.10	12.3E-9	57.2E-9	844.4E-3	126.6E-3	18.50	-6.7E-9	3.15	13.3E-9	41.2E-9	847.2E-3	123.3E-3	18.50	-5.2E-9
674	3.20	14.9E-9	46.8E-9	844.4E-3	131.7E-3	18.30	-7.1E-9	3.20	17.4E-9	41.6E-9	847.2E-3	128.4E-3	18.36	-6.4E-9
675	3.20	14.3E-9	50.0E-9	843.6E-3	126.1E-3	18.40	-6.2E-9	3.16	18.4E-9	46.8E-9	847.6E-3	122.9E-3	18.47	-6.1E-9
676	3.10	14.3E-9	51.2E-9	844.4E-3	126.6E-3	18.40	-7.1E-9	3.15	16.4E-9	44.0E-9	847.6E-3	123.6E-3	18.44	720.0E-12
677	3.10	14.3E-9	45.2E-9	844.4E-3	129.8E-3	18.50	-6.9E-9	3.15	14.9E-9	42.0E-9	848.0E-3	126.7E-3	18.44	-2.7E-9
678	3.10	14.9E-9	69.6E-9	843.2E-3	124.0E-3	18.30	-7.1E-9	3.16	16.4E-9	60.8E-9	848.4E-3	120.2E-3	18.23	-3.3E-9
679	3.20	16.9E-9	42.8E-9	845.2E-3	130.7E-3	18.40	-7.0E-9	3.17	16.4E-9	41.6E-9	853.6E-3	128.3E-3	18.31	-4.6E-9
680	3.20	16.9E-9	64.8E-9	844.8E-3	122.3E-3	18.30	-7.0E-9	3.16	16.4E-9	61.6E-9	850.0E-3	120.2E-3	18.28	-1.8E-9
681	3.20	17.4E-9	43.2E-9	845.2E-3	131.2E-3	18.30	-6.3E-9	3.19	14.3E-9	41.2E-9	846.8E-3	128.9E-3	18.26	-3.6E-9
682	3.20	15.4E-9	36.8E-9	845.2E-3	134.1E-3	18.60	-7.9E-9	3.16	15.4E-9	34.8E-9	853.6E-3	132.4E-3	18.50	-2.8E-9
683	3.20	12.8E-9	73.2E-9	844.8E-3	123.0E-3	18.20	-6.4E-9	3.19	13.6E-9	65.6E-9	847.6E-3	119.7E-3	18.17	-4.3E-9
684	3.10	15.4E-9	45.2E-9	843.6E-3	125.5E-3	18.60	-8.2E-9	3.14	14.9E-9	44.0E-9	844.8E-3	123.3E-3	18.53	-7.2E-9
685	3.10	14.9E-9	35.6E-9	845.6E-3	132.8E-3	18.60	-7.0E-9	3.15	14.9E-9	34.4E-9	847.6E-3	131.1E-3	18.55	-5.4E-9
686	3.20	13.3E-9	45.6E-9	845.2E-3	124.7E-3	18.50	-7.2E-9	3.17	14.3E-9	45.2E-9	846.4E-3	122.6E-3	18.38	-1.2E-9
687	3.20	14.9E-9	29.2E-9	846.8E-3	133.9E-3	18.60	-7.8E-9	3.21	16.6E-9	30.4E-9	849.2E-3	132.6E-3	18.48	-7.6E-9
688	3.20	10.8E-9	46.4E-9	845.6E-3	121.0E-3	18.20	-5.6E-9	3.24	8.2E-9	46.4E-9	847.2E-3	119.6E-3	18.23	-2.0E-9
689	3.20	13.3E-9	50.8E-9	846.0E-3	123.5E-3	18.30	-5.7E-9	3.18	13.8E-9	54.8E-9	845.2E-3	123.5E-3	18.24	-6.2E-9
690	3.10	16.4E-9	26.8E-9	845.6E-3	125.7E-3	18.50	-6.9E-9	3.13	14.6E-9	28.0E-9	845.6E-3	124.6E-3	18.47	-6.5E-9

Temperature Cycle
Mil-Std 750 M 1051, 100 Cycles, ΔT_j -55°C to 175°C
Lot 6700

SN	Initials							100 Cycles End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSOn 10V	GFS 17.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSOn 10V	GFS 17.5A	IGSS -30V
691	3.20	17.4E-9	27.6E-9	846.8E-3	128.1E-3	18.50	18.8E-9	3.16	18.4E-9	28.4E-9	850.8E-3	127.0E-3	18.40	-7.0E-9
692	3.20	16.4E-9	28.4E-9	846.8E-3	121.9E-3	18.60	-6.4E-9	3.16	16.4E-9	28.4E-9	847.6E-3	121.3E-3	18.42	-6.6E-9
693	3.20	14.3E-9	26.4E-9	846.0E-3	123.7E-3	18.50	-6.2E-9	3.15	13.3E-9	27.6E-9	850.0E-3	123.2E-3	18.44	-6.0E-9
694	3.20	11.3E-9	29.6E-9	846.4E-3	120.8E-3	18.50	-4.8E-9	3.20	16.4E-9	30.0E-9	847.6E-3	120.1E-3	18.38	-6.0E-9
695	3.20	13.3E-9	28.0E-9	846.4E-3	119.2E-3	18.30	5.2E-9	3.23	11.8E-9	28.8E-9	847.6E-3	119.0E-3	18.28	-6.3E-9
696	3.20	13.8E-9	31.6E-9	846.8E-3	119.5E-3	18.40	-6.9E-9	3.24	13.3E-9	32.0E-9	846.0E-3	119.3E-3	18.28	-5.7E-9
697	3.20	16.4E-9	26.0E-9	845.2E-3	123.7E-3	18.50	17.8E-9	3.16	16.9E-9	26.4E-9	844.0E-3	122.4E-3	18.41	3.6E-9
698	3.20	18.4E-9	25.6E-9	846.4E-3	122.3E-3	18.50	7.2E-9	3.16	15.4E-9	26.8E-9	847.2E-3	122.0E-3	18.42	-3.6E-9
699	3.20	15.4E-9	24.0E-9	844.8E-3	121.6E-3	18.40	-7.4E-9	3.17	15.4E-9	23.6E-9	845.2E-3	120.6E-3	18.37	520.0E-12
700	3.20	14.9E-9	26.4E-9	845.6E-3	120.9E-3	18.40	-3.0E-9	3.20	16.9E-9	25.2E-9	846.8E-3	119.6E-3	18.29	-5.9E-9
701	3.20	12.3E-9	24.4E-9	846.4E-3	119.6E-3	18.40	-5.2E-9	3.20	14.3E-9	24.4E-9	847.6E-3	119.5E-3	18.36	3.2E-9
702	3.17	12.8E-9	22.8E-9	844.0E-3	123.9E-3	18.50	-6.4E-9	3.17	13.3E-9	22.8E-9	848.4E-3	122.2E-3	18.46	-4.2E-9
703	3.16	14.3E-9	20.8E-9	845.2E-3	122.4E-3	18.50	-6.0E-9	3.16	12.3E-9	21.6E-9	846.8E-3	121.2E-3	18.38	-4.0E-9
704	3.23	11.3E-9	43.6E-9	846.0E-3	119.1E-3	18.30	-8.5E-9	3.22	10.8E-9	45.6E-9	848.8E-3	118.6E-3	18.19	-3.4E-9
705	3.22	12.3E-9	29.2E-9	847.2E-3	120.5E-3	18.40	-8.2E-9	3.22	14.3E-9	29.2E-9	848.0E-3	119.4E-3	18.25	-5.4E-9
706	3.21	10.8E-9	29.2E-9	846.4E-3	120.5E-3	18.30	-4.9E-9	3.22	13.3E-9	29.2E-9	847.6E-3	119.0E-3	18.20	-4.1E-9
707	3.25	10.2E-9	23.6E-9	845.6E-3	119.0E-3	18.20	-3.9E-9	3.25	8.7E-9	23.2E-9	848.4E-3	117.7E-3	18.23	-5.7E-9
708	3.20	12.5E-9	69.2E-9	845.6E-3	121.2E-3	18.40	-7.9E-9	3.18	14.3E-9	25.2E-9	845.6E-3	121.5E-3	18.32	-6.2E-9
709	3.18	14.3E-9	24.4E-9	846.4E-3	122.8E-3	18.40	-3.9E-9	3.17	14.9E-9	26.4E-9	847.6E-3	120.9E-3	18.32	-160.0E-12
710	3.17	10.8E-9	26.0E-9	846.8E-3	122.4E-3	18.30	-6.4E-9	3.16	16.4E-9	27.2E-9	847.6E-3	124.5E-3	18.31	-5.7E-9
711	3.15	14.9E-9	25.6E-9	845.2E-3	125.8E-3	18.30	-6.5E-9	3.18	14.3E-9	25.6E-9	851.2E-3	122.7E-3	18.29	-6.1E-9
712	3.18	16.4E-9	25.2E-9	846.0E-3	123.8E-3	18.30	-6.3E-9	3.17	16.4E-9	26.8E-9	845.2E-3	125.9E-3	18.32	-5.8E-9
713	3.17	14.3E-9	26.8E-9	844.8E-3	127.6E-3	18.40	-5.5E-9	3.16	13.8E-9	25.2E-9	848.8E-3	124.8E-3	18.28	6.3E-9
714	3.16	14.3E-9	26.0E-9	845.2E-3	126.2E-3	18.40	-3.1E-9	3.20	13.8E-9	28.4E-9	844.0E-3	127.0E-3	18.24	-5.2E-9
715	3.20	13.3E-9	26.8E-9	844.0E-3	127.7E-3	18.30	-4.6E-9	3.17	12.8E-9	28.8E-9	845.6E-3	126.3E-3	18.24	-5.4E-9
716	3.17	13.3E-9	28.4E-9	844.8E-3	127.9E-3	18.30	-4.4E-9	3.21	10.8E-9	28.4E-9	848.8E-3	119.6E-3	18.26	-5.6E-9
717	3.21	10.2E-9	29.6E-9	846.0E-3	120.8E-3	18.30	-2.4E-9	3.19	11.8E-9	28.4E-9	846.4E-3	120.3E-3	18.26	-6.0E-9

High Temperature Storage

High Temperature Storage
Mil-Std 750 M 1032, 340hrs, 150°C
Lot 6701

SN	Initials							340Hr End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSON 10V	GFS 17.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSON 10V	GFS 17.5A	IGSS -30V
81	3.24	14.3E-9	37.2E-9	842.8E-3	141.8E-3	17.64	-720.0E-12	3.25	11.3E-9	40.4E-9	843.6E-3	140.0E-3	17.77	-1.6E-9
82	3.27	9.2E-9	47.6E-9	844.4E-3	141.7E-3	17.63	40.0E-12	3.27	7.7E-9	61.6E-9	844.4E-3	141.0E-3	17.69	-1.1E-9
83	3.25	10.8E-9	39.2E-9	843.6E-3	142.0E-3	17.74	160.0E-12	3.25	12.3E-9	41.2E-9	846.8E-3	141.0E-3	17.77	-1.6E-9
84	3.28	9.2E-9	36.8E-9	843.6E-3	142.4E-3	17.65	-480.0E-12	3.29	10.2E-9	39.6E-9	844.0E-3	141.1E-3	17.75	-1.4E-9
85	3.23	10.5E-9	30.8E-9	844.0E-3	131.9E-3	18.06	-120.0E-12	3.23	11.5E-9	35.6E-9	844.0E-3	130.9E-3	18.10	-1.4E-9
86	3.24	10.8E-9	206.0E-9	844.8E-3	141.4E-3	17.78	-800.0E-12	3.23	12.3E-9	263.2E-9	846.0E-3	141.0E-3	17.86	-1.8E-9
87	3.21	12.8E-9	26.0E-9	843.2E-3	133.9E-3	18.11	-280.0E-12	3.22	13.8E-9	29.2E-9	849.6E-3	132.9E-3	18.10	-1.6E-9
88	3.24	12.3E-9	28.0E-9	843.2E-3	133.4E-3	18.04	1.2E-9	3.24	12.5E-9	30.4E-9	851.2E-3	132.2E-3	18.02	-1.3E-9
89	3.27	10.8E-9	39.6E-9	844.8E-3	142.7E-3	17.78	-240.0E-12	3.27	12.3E-9	43.6E-9	851.2E-3	142.0E-3	17.75	-1.6E-9
90	3.23	9.7E-9	29.2E-9	842.4E-3	136.2E-3	18.04	-240.0E-12	3.24	12.8E-9	31.6E-9	846.4E-3	134.7E-3	18.11	-1.4E-9
91	3.25	12.3E-9	26.0E-9	844.0E-3	133.7E-3	18.16	360.0E-12	3.24	13.8E-9	30.0E-9	848.0E-3	133.7E-3	18.07	-1.4E-9
92	3.19	12.5E-9	32.4E-9	844.4E-3	139.2E-3	17.88	-400.0E-12	3.18	14.3E-9	37.6E-9	848.0E-3	140.2E-3	17.86	-2.2E-9
93	3.24	11.5E-9	27.2E-9	844.0E-3	135.3E-3	18.06	2.1E-9	3.23	12.3E-9	32.0E-9	846.0E-3	135.3E-3	18.12	-1.4E-9
94	3.21	12.8E-9	36.4E-9	844.8E-3	140.4E-3	17.82	2.1E-9	3.20	13.3E-9	40.8E-9	845.6E-3	140.5E-3	17.86	-1.9E-9
95	3.19	15.4E-9	33.2E-9	844.4E-3	138.9E-3	17.93	-360.0E-12	3.19	13.3E-9	36.4E-9	844.4E-3	138.5E-3	17.96	-2.0E-9
96	3.22	11.3E-9	36.4E-9	843.6E-3	140.6E-3	17.80	-120.0E-12	3.21	13.3E-9	40.0E-9	847.2E-3	140.5E-3	17.75	-1.8E-9
97	3.20	11.3E-9	39.2E-9	844.0E-3	140.7E-3	17.87	-280.0E-12	3.20	13.3E-9	40.4E-9	848.0E-3	140.3E-3	17.83	6.8E-9
98	3.19	14.3E-9	32.0E-9	843.2E-3	138.3E-3	17.99	000.0E+0	3.18	14.3E-9	36.8E-9	844.8E-3	138.3E-3	17.92	-1.4E-9
99	3.14	17.4E-9	28.4E-9	842.4E-3	141.5E-3	18.23	-80.0E-12	3.15	20.5E-9	28.0E-9	850.8E-3	139.4E-3	18.17	-2.4E-9
100	3.14	14.6E-9	27.2E-9	842.0E-3	141.3E-3	18.18	000.0E+0	3.15	16.4E-9	27.6E-9	843.6E-3	138.3E-3	18.22	-2.0E-9
101	3.15	16.4E-9	26.0E-9	843.2E-3	141.3E-3	18.13	40.0E-12	3.16	14.3E-9	27.6E-9	850.0E-3	138.4E-3	18.18	-1.9E-9
102	3.15	14.9E-9	27.6E-9	842.0E-3	141.5E-3	18.26	2.3E-9	3.15	13.3E-9	30.8E-9	854.0E-3	140.5E-3	18.13	-2.0E-9
103	3.16	18.4E-9	30.4E-9	840.8E-3	144.6E-3	18.19	-80.0E-12	3.18	16.4E-9	29.2E-9	844.0E-3	140.0E-3	18.30	-2.1E-9
104	3.16	16.4E-9	25.6E-9	843.6E-3	141.7E-3	18.22	40.0E-12	3.17	16.4E-9	27.6E-9	847.2E-3	139.1E-3	18.22	-2.1E-9
105	3.20	16.4E-9	27.6E-9	844.0E-3	141.3E-3	18.22	-2.2E-9	3.20	16.4E-9	30.0E-9	848.4E-3	140.3E-3	18.18	-1.7E-9

High Temperature Storage
Mil-Std 750 M 1032, 340hrs, 150°C
Lot 6701

SN	Initials							340Hr End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSON 10V	GFS 17.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSON 10V	GFS 17.5A	IGSS -30V
106	3.18	16.9E-9	27.2E-9	843.2E-3	141.5E-3	18.24	-2.8E-9	3.19	17.9E-9	29.2E-9	850.8E-3	139.7E-3	18.19	-1.8E-9
107	3.23	16.4E-9	32.4E-9	844.0E-3	139.8E-3	18.31	720.0E-12	3.23	15.4E-9	34.0E-9	849.2E-3	138.8E-3	18.20	-1.7E-9
108	3.20	15.4E-9	30.4E-9	844.0E-3	141.5E-3	18.23	3.2E-9	3.20	16.4E-9	32.4E-9	848.4E-3	140.0E-3	18.23	-1.8E-9
109	3.19	17.7E-9	35.6E-9	843.6E-3	131.8E-3	17.87	-400.0E-12	3.20	16.4E-9	37.6E-9	846.8E-3	130.5E-3	17.89	-1.9E-9
110	3.21	14.9E-9	32.4E-9	844.0E-3	141.3E-3	18.29	-480.0E-12	3.22	16.6E-9	34.8E-9	845.6E-3	138.3E-3	18.26	-1.4E-9
111	3.17	14.3E-9	34.8E-9	843.6E-3	131.3E-3	18.01	-1.9E-9	3.18	14.9E-9	38.0E-9	848.4E-3	130.0E-3	17.98	-2.1E-9
112	3.18	14.9E-9	34.0E-9	844.8E-3	131.0E-3	17.95	1.8E-9	3.18	14.6E-9	35.6E-9	849.6E-3	129.8E-3	17.94	-2.3E-9
113	3.16	16.4E-9	34.0E-9	844.0E-3	131.2E-3	17.98	-40.0E-12	3.16	13.3E-9	37.6E-9	846.0E-3	130.3E-3	18.05	-2.2E-9
114	3.16	13.3E-9	51.6E-9	843.6E-3	130.7E-3	17.95	-320.0E-12	3.16	10.8E-9	38.0E-9	845.6E-3	129.7E-3	18.01	-2.0E-9
115	3.16	14.6E-9	35.6E-9	843.2E-3	131.8E-3	18.04	-1.2E-9	3.17	10.2E-9	37.6E-9	849.2E-3	130.3E-3	18.02	-3.0E-9
116	3.16	14.3E-9	35.6E-9	842.8E-3	132.0E-3	17.98	-1.0E-9	3.17	16.9E-9	36.4E-9	846.8E-3	130.1E-3	18.10	-2.4E-9
117	3.18	16.4E-9	43.2E-9	843.6E-3	133.6E-3	18.08	-880.0E-12	3.18	19.5E-9	44.4E-9	848.4E-3	132.3E-3	18.10	-2.2E-9
118	3.16	14.9E-9	49.2E-9	842.8E-3	131.8E-3	18.06	-360.0E-12	3.16	16.9E-9	51.6E-9	848.4E-3	130.6E-3	18.05	-2.2E-9
119	3.19	15.4E-9	27.6E-9	844.0E-3	136.4E-3	18.00	-80.0E-12	3.18	16.4E-9	32.4E-9	842.8E-3	136.3E-3	18.10	-2.5E-9
120	3.19	18.4E-9	29.2E-9	844.8E-3	136.9E-3	17.99	-960.0E-12	3.19	17.7E-9	31.2E-9	845.2E-3	135.8E-3	18.05	-2.4E-9
121	3.18	14.3E-9	30.0E-9	843.2E-3	137.5E-3	18.02	000.0E+0	3.18	16.4E-9	33.2E-9	844.4E-3	136.7E-3	18.08	-2.2E-9
122	3.19	18.9E-9	28.4E-9	842.4E-3	136.8E-3	18.04	-760.0E-12	3.19	16.9E-9	31.6E-9	844.4E-3	135.8E-3	18.08	-2.4E-9
123	3.19	12.8E-9	28.8E-9	843.2E-3	138.2E-3	18.02	4.0E-9	3.19	15.4E-9	31.2E-9	843.6E-3	137.4E-3	18.07	-2.0E-9
124	3.19	14.6E-9	28.4E-9	844.0E-3	137.4E-3	18.02	-440.0E-12	3.18	12.3E-9	36.4E-9	846.8E-3	137.3E-3	17.99	-2.3E-9
125	3.20	12.8E-9	29.6E-9	843.2E-3	139.6E-3	17.96	-920.0E-12	3.20	13.8E-9	31.2E-9	850.0E-3	139.0E-3	17.88	-2.0E-9
126	3.19	15.4E-9	30.8E-9	843.6E-3	139.1E-3	17.99	-760.0E-12	3.19	15.4E-9	36.8E-9	846.0E-3	138.6E-3	18.00	-2.1E-9
127	3.23	10.5E-9	30.8E-9	843.6E-3	141.3E-3	17.84	-480.0E-12	3.23	12.3E-9	34.0E-9	846.0E-3	140.3E-3	17.90	-2.0E-9
128	3.22	14.3E-9	30.0E-9	844.0E-3	139.9E-3	17.92	-200.0E-12	3.22	12.3E-9	32.8E-9	849.6E-3	139.9E-3	17.86	-2.3E-9
129	3.28	12.3E-9	34.8E-9	845.2E-3	129.2E-3	18.02	1.3E-9	3.28	12.8E-9	37.2E-9	847.2E-3	128.7E-3	18.05	-1.9E-9
130	3.25	10.5E-9	30.8E-9	843.6E-3	140.8E-3	17.78	3.6E-9	3.24	10.2E-9	35.6E-9	844.8E-3	141.0E-3	17.82	-1.8E-9

High Temperature Storage

Mil-Std 750 M 1032, 340hrs, 150°C

Lot 6701

	Initials						
SN	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSON 10V	GFS 17.5A	IGSS -30V

131	3.31	12.8E-9	30.8E-9	844.8E-3	128.7E-3	17.89	-360.0E-12
132	3.29	11.3E-9	34.0E-9	844.8E-3	129.1E-3	18.02	-520.0E-12
133	3.27	16.9E-9	32.8E-9	843.6E-3	129.8E-3	17.95	-160.0E-12
134	3.30	12.3E-9	29.6E-9	843.6E-3	129.9E-3	17.87	000.0E+0
135	3.23	11.5E-9	31.2E-9	843.6E-3	131.1E-3	17.96	-1.4E-9
136	3.25	14.3E-9	31.2E-9	843.6E-3	130.4E-3	17.89	-2.2E-9
137	3.21	16.4E-9	30.4E-9	842.4E-3	131.1E-3	18.00	-480.0E-12
138	3.22	14.3E-9	32.0E-9	843.2E-3	131.7E-3	18.02	-1.0E-9
139	3.20	14.9E-9	30.4E-9	843.2E-3	131.7E-3	18.08	-920.0E-12
140	3.21	14.9E-9	30.0E-9	843.6E-3	131.3E-3	18.04	-640.0E-12
141	3.19	16.4E-9	29.2E-9	842.4E-3	132.4E-3	18.05	-1.7E-9
142	3.18	16.4E-9	28.4E-9	842.8E-3	132.0E-3	18.04	-1.6E-9
143	3.17	16.4E-9	28.4E-9	842.4E-3	134.3E-3	18.10	-800.0E-12
144	3.18	13.3E-9	29.6E-9	842.8E-3	132.9E-3	18.11	-200.0E-12
145	3.18	18.4E-9	27.6E-9	841.6E-3	134.2E-3	18.17	440.0E-12
146	3.18	18.4E-9	27.6E-9	841.6E-3	134.9E-3	18.10	-760.0E-12
147	3.18	17.4E-9	27.6E-9	842.4E-3	135.8E-3	18.13	120.0E-12
148	3.22	10.8E-9	27.6E-9	843.6E-3	133.3E-3	17.96	280.0E-12
149	3.22	11.5E-9	27.6E-9	842.8E-3	134.0E-3	17.98	-760.0E-12
150	3.23	11.3E-9	28.8E-9	843.6E-3	133.6E-3	18.01	-800.0E-12
151	3.23	12.3E-9	27.6E-9	843.6E-3	133.0E-3	17.99	-920.0E-12
152	3.23	12.8E-9	29.6E-9	843.2E-3	132.7E-3	17.99	120.0E-12
153	3.22	11.3E-9	43.2E-9	843.6E-3	132.2E-3	17.99	-2.3E-9
154	3.22	10.5E-9	30.0E-9	842.8E-3	131.9E-3	17.94	-520.0E-12
155	3.23	10.2E-9	28.4E-9	844.4E-3	132.0E-3	18.00	-600.0E-12
156	3.22	12.3E-9	32.4E-9	844.0E-3	130.6E-3	18.01	-2.1E-9
157	3.22	12.3E-9	32.8E-9	843.6E-3	131.6E-3	17.95	-2.1E-9

	340Hr End Points						
SN	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSON 10V	GFS 17.5A	IGSS -30V

3.31	12.8E-9	34.0E-9	849.2E-3	128.5E-3	17.90	-1.7E-9
3.29	12.3E-9	37.2E-9	846.8E-3	129.0E-3	18.02	-1.4E-9
3.28	9.7E-9	36.0E-9	851.2E-3	128.9E-3	17.93	-1.6E-9
3.30	12.3E-9	36.0E-9	847.2E-3	129.4E-3	17.92	-1.5E-9
3.24	17.4E-9	32.8E-9	852.0E-3	129.5E-3	17.96	-1.8E-9
3.25	14.6E-9	33.6E-9	848.4E-3	128.9E-3	17.95	-2.2E-9
3.19	18.9E-9	35.2E-9	846.4E-3	131.5E-3	18.07	-2.2E-9
3.22	16.6E-9	34.0E-9	850.4E-3	130.2E-3	18.00	-880.0E-12
3.22	16.4E-9	32.4E-9	849.6E-3	129.9E-3	18.01	-1.8E-9
3.21	16.4E-9	34.4E-9	849.6E-3	130.5E-3	18.01	-2.1E-9
3.19	16.9E-9	31.6E-9	848.0E-3	131.6E-3	18.05	-2.6E-9
3.19	16.4E-9	32.8E-9	848.4E-3	131.4E-3	18.00	-2.2E-9
3.18	14.6E-9	32.4E-9	848.8E-3	132.9E-3	18.07	-2.5E-9
3.18	16.4E-9	34.0E-9	845.2E-3	132.8E-3	18.07	-2.0E-9
3.18	16.9E-9	34.0E-9	844.8E-3	133.5E-3	18.18	-2.1E-9
3.18	16.4E-9	35.2E-9	844.4E-3	134.3E-3	18.10	-2.5E-9
3.18	16.4E-9	32.4E-9	842.0E-3	135.0E-3	18.16	-2.4E-9
3.22	11.5E-9	31.6E-9	844.4E-3	133.2E-3	17.95	-1.7E-9
3.23	12.3E-9	31.2E-9	846.0E-3	132.4E-3	17.98	-1.9E-9
3.23	11.8E-9	32.8E-9	843.6E-3	132.3E-3	18.02	-1.6E-9
3.22	13.3E-9	34.0E-9	842.8E-3	133.4E-3	18.00	-2.0E-9
3.22	14.3E-9	34.4E-9	842.4E-3	129.9E-3	17.95	-1.6E-9
3.22	12.3E-9	48.0E-9	850.8E-3	132.5E-3	17.90	-2.1E-9
3.22	12.8E-9	34.8E-9	844.0E-3	130.9E-3	18.04	-1.9E-9
3.23	14.3E-9	34.0E-9	848.0E-3	131.5E-3	17.98	-1.7E-9
3.22	12.3E-9	36.4E-9	848.0E-3	130.2E-3	17.93	80.0E-12
3.22	8.2E-9	36.8E-9	848.4E-3	130.9E-3	17.94	-1.6E-9

High Temperature Storage
Mil-Std 750 M 1032, 340hrs, 150°C
Lot 6608

SN	Initials							340Hr End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSON 10V	GFS 17.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSON 10V	GFS 17.5A	IGSS -30V
401	3.52	15.7E-9	29.7E-9	849.7E-3	136.9E-3	18.02	-1.0E-9	3.51	14.3E-9	28.8E-9	849.2E-3	136.9E-3	17.93	-1.9E-9
402	3.43	18.0E-9	27.3E-9	851.8E-3	139.6E-3	18.61	-2.8E-9	3.42	17.4E-9	26.8E-9	850.8E-3	139.1E-3	18.47	-3.4E-9
403	3.42	14.3E-9	27.8E-9	846.5E-3	139.4E-3	18.43	-946.3E-12	3.41	13.6E-9	26.8E-9	845.6E-3	138.5E-3	18.29	-2.4E-9
404	3.44	19.3E-9	25.6E-9	848.3E-3	140.7E-3	17.86	-10.9E-9	3.42	17.9E-9	24.4E-9	847.2E-3	139.6E-3	17.74	-11.3E-9
405	3.43	19.9E-9	25.6E-9	854.5E-3	140.6E-3	17.82	-1.9E-9	3.42	18.4E-9	25.2E-9	853.6E-3	140.5E-3	17.76	-2.8E-9
406	3.43	21.2E-9	26.5E-9	846.5E-3	140.7E-3	17.81	-2.1E-9	3.42	20.5E-9	25.6E-9	846.0E-3	140.5E-3	17.76	-3.0E-9
407	3.52	15.2E-9	25.3E-9	850.5E-3	139.5E-3	17.80	-938.5E-12	3.51	14.6E-9	24.4E-9	849.6E-3	138.9E-3	17.74	-2.4E-9
408	3.54	14.6E-9	29.5E-9	854.2E-3	138.9E-3	17.99	-1.1E-9	3.53	13.8E-9	28.8E-9	853.6E-3	138.8E-3	17.83	-1.7E-9
409	3.47	19.3E-9	27.0E-9	855.2E-3	140.0E-3	17.68	-995.8E-12	3.46	18.4E-9	25.6E-9	854.4E-3	138.8E-3	17.68	-2.4E-9
410	3.50	15.6E-9	29.7E-9	846.8E-3	140.1E-3	17.81	-184.8E-12	3.49	14.3E-9	28.8E-9	846.0E-3	139.9E-3	17.80	-1.8E-9
411	3.44	17.7E-9	27.4E-9	845.7E-3	139.5E-3	17.85	-684.4E-12	3.42	16.4E-9	26.0E-9	845.2E-3	138.5E-3	17.71	-2.1E-9
412	3.45	17.9E-9	26.7E-9	846.7E-3	140.0E-3	17.74	-945.3E-12	3.45	17.4E-9	25.2E-9	846.0E-3	138.6E-3	17.74	-2.4E-9
413	3.45	19.3E-9	25.8E-9	852.3E-3	136.7E-3	17.82	-2.5E-9	3.42	17.9E-9	24.8E-9	852.0E-3	136.6E-3	17.65	-3.0E-9
414	3.43	19.6E-9	27.2E-9	846.4E-3	138.1E-3	17.81	-1.4E-9	3.42	18.9E-9	26.0E-9	845.6E-3	137.9E-3	17.74	-2.2E-9
415	3.43	21.3E-9	26.2E-9	846.6E-3	137.0E-3	17.85	-1.6E-9	3.42	20.5E-9	25.6E-9	846.0E-3	135.8E-3	17.78	-2.8E-9
416	3.42	16.8E-9	26.6E-9	850.3E-3	137.8E-3	17.79	-1.5E-9	3.41	16.4E-9	26.0E-9	849.6E-3	136.7E-3	17.63	-2.9E-9
417	3.43	21.7E-9	25.6E-9	845.9E-3	136.3E-3	17.81	-1.5E-9	3.41	21.0E-9	24.4E-9	845.2E-3	135.0E-3	17.71	-2.2E-9
418	3.42	19.8E-9	25.2E-9	848.4E-3	137.2E-3	17.69	-2.3E-9	3.42	18.4E-9	24.8E-9	848.0E-3	136.0E-3	17.65	-2.8E-9
419	3.42	22.4E-9	23.3E-9	848.5E-3	135.8E-3	17.81	-1.7E-9	3.42	21.5E-9	22.8E-9	848.0E-3	134.4E-3	17.68	-2.4E-9
420	3.43	23.9E-9	25.2E-9	846.0E-3	135.6E-3	17.76	-888.1E-12	3.41	22.5E-9	24.8E-9	845.6E-3	135.3E-3	17.69	-1.8E-9
421	3.43	19.6E-9	49.5E-9	846.7E-3	135.4E-3	17.70	-675.4E-12	3.42	18.4E-9	48.0E-9	846.4E-3	134.5E-3	17.66	-2.2E-9
422	3.43	20.5E-9	24.8E-9	845.8E-3	134.7E-3	17.72	-1.3E-9	3.41	19.5E-9	23.6E-9	844.8E-3	134.5E-3	17.69	-2.6E-9
423	3.45	20.0E-9	27.4E-9	846.4E-3	132.2E-3	17.64	-893.3E-12	3.44	19.5E-9	26.4E-9	846.0E-3	131.8E-3	17.59	-1.9E-9
424	3.48	22.2E-9	27.4E-9	846.9E-3	130.2E-3	17.78	-50.8E-12	3.47	21.0E-9	26.0E-9	846.0E-3	130.0E-3	17.63	-960.0E-12
425	3.41	18.9E-9	27.5E-9	847.0E-3	132.4E-3	17.77	-1.1E-9	3.40	17.9E-9	26.8E-9	846.4E-3	131.4E-3	17.69	-2.6E-9

High Temperature Storage
Mil-Std 750 M 1032, 340hrs, 150°C
Lot 6608

SN	Initials							340Hr End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSON 10V	GFS 17.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSON 10V	GFS 17.5A	IGSS -30V
426	3.41	18.4E-9	27.2E-9	847.0E-3	132.7E-3	17.62	-1.5E-9	3.40	17.4E-9	26.0E-9	846.4E-3	131.7E-3	17.62	-2.2E-9
427	3.40	17.9E-9	27.0E-9	846.6E-3	131.9E-3	17.78	-2.6E-9	3.39	16.4E-9	26.4E-9	846.0E-3	130.8E-3	17.68	-3.9E-9
428	3.42	21.5E-9	27.0E-9	846.8E-3	131.6E-3	17.77	-562.1E-12	3.40	20.5E-9	26.0E-9	846.0E-3	131.1E-3	17.69	-1.6E-9
429	3.38	23.5E-9	89.9E-9	846.9E-3	132.9E-3	17.80	-2.0E-9	3.36	22.5E-9	88.4E-9	846.4E-3	132.2E-3	17.76	-2.6E-9
430	3.39	21.1E-9	27.6E-9	846.8E-3	132.1E-3	17.78	-2.5E-9	3.39	20.5E-9	26.8E-9	846.4E-3	131.4E-3	17.76	-3.5E-9
431	3.39	25.8E-9	29.5E-9	846.7E-3	133.0E-3	17.95	-1.4E-9	3.38	24.6E-9	28.4E-9	846.0E-3	132.7E-3	17.78	-3.0E-9
432	3.36	17.9E-9	17.2E-9	845.2E-3	132.8E-3	17.77	-1.0E-9	3.28	21.5E-9	26.0E-9	847.2E-3	138.6E-3	19.06	-2.0E-9
433	3.27	21.5E-9	21.6E-9	847.2E-3	140.2E-3	19.02	4.7E-9	3.35	17.9E-9	28.4E-9	842.8E-3	133.6E-3	17.68	-2.4E-9
434	3.16	25.1E-9	19.6E-9	847.6E-3	138.0E-3	19.84	-800.0E-12	3.16	22.8E-9	35.6E-9	846.4E-3	137.9E-3	19.79	-3.1E-9
435	3.20	24.6E-9	20.8E-9	846.8E-3	139.3E-3	19.18	-1.0E-9	3.20	16.9E-9	26.4E-9	846.8E-3	138.2E-3	19.06	-2.3E-9
436	3.25	21.0E-9	19.6E-9	848.0E-3	138.7E-3	19.07	-840.0E-12	3.25	25.1E-9	26.4E-9	846.8E-3	138.2E-3	19.08	-2.2E-9
437	3.30	22.0E-9	19.6E-9	846.8E-3	138.8E-3	18.68	-760.0E-12	3.29	24.6E-9	26.4E-9	846.4E-3	138.8E-3	18.65	-2.0E-9
438	3.21	22.8E-9	20.4E-9	847.2E-3	138.8E-3	19.08	-1.1E-9	3.21	27.7E-9	28.4E-9	845.6E-3	138.7E-3	19.06	-3.0E-9
439	3.36	18.4E-9	20.0E-9	848.0E-3	138.4E-3	18.28	-720.0E-12	3.35	20.7E-9	26.8E-9	845.6E-3	138.6E-3	18.20	-2.3E-9
440	3.35	17.4E-9	18.4E-9	847.2E-3	137.3E-3	18.06	-1.1E-9	3.34	18.9E-9	26.0E-9	849.6E-3	138.7E-3	17.96	-2.7E-9
441	3.36	17.4E-9	19.6E-9	847.2E-3	137.9E-3	18.11	-1.2E-9	3.35	24.6E-9	26.8E-9	852.0E-3	138.7E-3	17.99	-2.3E-9
442	3.35	18.7E-9	17.6E-9	847.2E-3	135.9E-3	17.96	-840.0E-12	3.35	22.0E-9	26.0E-9	844.8E-3	136.2E-3	17.92	-2.7E-9
443	3.35	18.4E-9	18.8E-9	846.4E-3	138.1E-3	18.01	2.2E-9	3.35	17.4E-9	26.0E-9	846.0E-3	136.9E-3	18.00	-3.3E-9
444	3.35	20.0E-9	18.8E-9	846.8E-3	133.4E-3	17.81	-1.8E-9	3.35	22.5E-9	27.2E-9	845.6E-3	133.6E-3	17.77	-2.7E-9
445	3.35	17.9E-9	18.0E-9	846.4E-3	135.4E-3	17.93	-800.0E-12	3.35	24.6E-9	26.8E-9	848.4E-3	134.6E-3	17.90	-2.7E-9
446	3.36	20.5E-9	16.8E-9	847.6E-3	132.2E-3	17.76	-320.0E-12	3.35	23.6E-9	26.0E-9	846.4E-3	132.0E-3	17.70	-2.2E-9
447	3.35	21.0E-9	17.6E-9	846.8E-3	132.8E-3	17.81	-960.0E-12	3.35	22.5E-9	26.0E-9	856.4E-3	133.0E-3	17.65	-2.3E-9
448	3.36	26.6E-9	18.4E-9	847.2E-3	133.0E-3	17.82	-840.0E-12	3.36	21.5E-9	24.0E-9	846.0E-3	132.5E-3	17.75	-2.5E-9
449	3.35	19.7E-9	17.6E-9	847.2E-3	132.8E-3	17.76	-880.0E-12	3.35	22.5E-9	22.8E-9	849.6E-3	132.0E-3	17.72	-1.8E-9
450	3.36	20.5E-9	19.2E-9	846.8E-3	133.2E-3	17.78	-960.0E-12	3.36	23.6E-9	26.8E-9	845.6E-3	132.6E-3	17.74	-2.0E-9

High Temperature Storage
Mil-Std 750 M 1032, 340hrs, 150°C
Lot 6608

SN	Initials							340Hr End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSON 10V	GFS 17.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSON 10V	GFS 17.5A	IGSS -30V
451	3.36	19.5E-9	18.4E-9	846.8E-3	132.8E-3	17.83	440.0E-12	3.35	21.5E-9	26.0E-9	844.0E-3	133.5E-3	17.74	-2.8E-9
452	3.36	16.9E-9	18.8E-9	847.6E-3	139.1E-3	18.34	-840.0E-12	3.35	17.7E-9	27.6E-9	845.2E-3	139.3E-3	18.22	-2.8E-9
453	3.36	16.4E-9	18.4E-9	846.8E-3	139.8E-3	18.41	-760.0E-12	3.35	18.9E-9	27.6E-9	847.6E-3	139.6E-3	18.32	-3.2E-9
454	3.35	16.9E-9	18.8E-9	847.6E-3	137.4E-3	18.17	-760.0E-12	3.33	21.8E-9	26.8E-9	844.8E-3	138.5E-3	18.08	-2.6E-9
455	3.35	15.4E-9	17.6E-9	848.0E-3	137.8E-3	18.18	-800.0E-12	3.34	20.5E-9	26.4E-9	845.6E-3	138.0E-3	18.14	-2.5E-9
456	3.35	19.5E-9	18.0E-9	846.8E-3	136.5E-3	18.12	-600.0E-12	3.34	22.5E-9	26.4E-9	845.2E-3	136.1E-3	18.08	-3.7E-9
457	3.35	21.5E-9	19.2E-9	846.8E-3	135.6E-3	18.06	-840.0E-12	3.35	25.1E-9	34.8E-9	845.6E-3	135.1E-3	18.02	-2.5E-9
458	3.36	22.5E-9	18.0E-9	848.0E-3	134.8E-3	18.05	-1.1E-9	3.36	26.6E-9	27.2E-9	846.0E-3	134.5E-3	17.96	-3.2E-9
459	3.35	21.5E-9	18.4E-9	846.8E-3	134.7E-3	18.01	-400.0E-12	3.35	25.1E-9	27.2E-9	846.8E-3	134.3E-3	17.92	-3.4E-9
460	3.36	20.5E-9	18.0E-9	847.2E-3	133.8E-3	18.00	-720.0E-12	3.35	27.1E-9	47.6E-9	844.8E-3	134.0E-3	17.92	-2.4E-9
461	3.34	19.7E-9	111.2E-9	847.2E-3	132.2E-3	17.92	-1.1E-9	3.34	21.0E-9	121.2E-9	846.4E-3	132.1E-3	17.88	-9.2E-9
462	3.35	19.5E-9	19.6E-9	846.4E-3	132.7E-3	17.90	200.0E-12	3.34	20.5E-9	28.0E-9	844.8E-3	133.4E-3	17.87	-3.3E-9
463	3.35	20.5E-9	20.4E-9	846.8E-3	132.6E-3	17.92	-720.0E-12	3.34	21.5E-9	27.2E-9	844.4E-3	132.1E-3	17.89	-2.9E-9
464	3.35	18.4E-9	17.6E-9	846.4E-3	132.4E-3	17.93	-440.0E-12	3.34	19.5E-9	26.0E-9	845.2E-3	133.0E-3	17.89	-2.7E-9
465	3.36	20.5E-9	19.6E-9	847.2E-3	131.8E-3	17.98	-680.0E-12	3.36	18.7E-9	93.2E-9	845.6E-3	131.4E-3	17.95	-2.2E-9
466	3.35	19.5E-9	19.6E-9	846.4E-3	131.9E-3	17.92	-920.0E-12	3.35	24.6E-9	27.2E-9	844.8E-3	131.3E-3	17.88	-2.6E-9
467	3.43	18.4E-9	17.6E-9	848.4E-3	140.7E-3	17.87	-80.0E-12	3.43	19.5E-9	26.0E-9	846.8E-3	140.9E-3	17.83	-2.2E-9
468	3.45	16.4E-9	18.4E-9	847.2E-3	140.1E-3	17.96	-480.0E-12	3.43	18.4E-9	27.6E-9	844.4E-3	141.2E-3	17.84	-1.9E-9
469	3.41	18.4E-9	16.8E-9	847.2E-3	139.8E-3	17.78	160.0E-12	3.40	22.0E-9	26.4E-9	846.4E-3	140.2E-3	17.80	-600.0E-12
470	3.42	17.9E-9	18.4E-9	846.4E-3	141.4E-3	17.88	1.3E-9	3.42	18.9E-9	32.4E-9	846.0E-3	140.2E-3	17.80	-2.2E-9
471	3.40	21.0E-9	17.6E-9	846.8E-3	139.0E-3	17.81	17.4E-9	3.40	19.5E-9	35.6E-9	846.8E-3	138.1E-3	17.77	-2.8E-9
472	3.41	19.5E-9	18.0E-9	847.2E-3	140.1E-3	17.80	-760.0E-12	3.41	21.5E-9	24.4E-9	849.6E-3	139.1E-3	17.75	-2.6E-9
473	3.41	22.5E-9	17.2E-9	847.2E-3	137.6E-3	17.82	-800.0E-12	3.40	25.6E-9	24.0E-9	845.6E-3	137.5E-3	17.80	-3.1E-9
474	3.41	21.0E-9	16.8E-9	846.8E-3	139.0E-3	17.87	-1.0E-9	3.40	23.0E-9	26.0E-9	845.2E-3	139.0E-3	17.82	-2.3E-9
475	3.39	22.5E-9	17.2E-9	847.2E-3	136.2E-3	17.78	000.0E+0	3.38	28.7E-9	24.4E-9	846.4E-3	135.5E-3	17.78	-2.6E-9
476	3.38	21.0E-9	17.2E-9	848.0E-3	134.3E-3	17.81	-640.0E-12	3.37	24.6E-9	25.2E-9	850.8E-3	134.1E-3	17.71	-2.1E-9
477	3.37	23.6E-9	18.4E-9	847.2E-3	134.1E-3	17.98	-920.0E-12	3.37	27.1E-9	26.0E-9	846.8E-3	132.7E-3	17.90	-2.8E-9

High Temperature Storage
Mil-Std 750 M 1032, 340hrs, 150°C
Lot 6700

SN	Initials							340Hr End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSON 10V	GFS 17.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSON 10V	GFS 17.5A	IGSS -30V
721	3.15	16.4E-9	38.8E-9	846.4E-3	130.9E-3	18.54	-8.5E-9	3.15	16.4E-9	38.8E-9	844.8E-3	129.4E-3	18.46	-5.9E-9
722	3.15	16.9E-9	32.4E-9	846.8E-3	130.4E-3	18.58	-7.8E-9	3.14	19.5E-9	39.6E-9	846.8E-3	130.3E-3	18.41	-7.4E-9
723	3.14	16.4E-9	32.4E-9	847.2E-3	130.3E-3	18.54	-5.6E-9	3.13	17.4E-9	34.8E-9	844.8E-3	130.0E-3	18.38	-6.9E-9
724	3.16	12.3E-9	44.0E-9	846.0E-3	122.9E-3	18.53	-2.0E-9	3.15	17.7E-9	46.0E-9	844.0E-3	122.1E-3	18.36	-6.9E-9
725	3.15	16.9E-9	40.4E-9	846.8E-3	123.6E-3	18.58	-3.0E-9	3.14	17.4E-9	44.4E-9	844.0E-3	123.5E-3	18.42	-6.6E-9
726	3.18	14.9E-9	48.8E-9	846.0E-3	121.8E-3	18.41	-6.6E-9	3.17	18.4E-9	51.6E-9	843.2E-3	121.0E-3	18.32	-6.3E-9
727	3.16	13.3E-9	48.4E-9	846.0E-3	122.9E-3	18.44	7.7E-9	3.16	17.9E-9	52.4E-9	843.6E-3	122.3E-3	18.40	-7.4E-9
728	3.19	14.3E-9	48.0E-9	846.8E-3	120.2E-3	18.28	-3.8E-9	3.18	16.4E-9	52.0E-9	844.8E-3	120.0E-3	18.18	-6.5E-9
729	3.19	13.3E-9	53.2E-9	846.0E-3	120.7E-3	18.35	-3.8E-9	3.18	14.9E-9	57.6E-9	843.2E-3	120.5E-3	18.23	-6.3E-9
730	3.22	10.8E-9	58.0E-9	847.2E-3	119.3E-3	18.31	-6.1E-9	3.21	13.3E-9	63.6E-9	844.0E-3	118.8E-3	18.14	-6.0E-9
731	3.20	14.9E-9	42.8E-9	846.4E-3	119.7E-3	18.23	-80.0E-12	3.19	18.4E-9	46.8E-9	843.6E-3	119.4E-3	18.16	-5.7E-9
732	3.23	10.8E-9	38.0E-9	846.4E-3	119.3E-3	18.16	-4.8E-9	3.22	11.3E-9	40.0E-9	844.4E-3	118.3E-3	18.08	-5.9E-9
733	3.20	12.5E-9	48.8E-9	847.6E-3	122.6E-3	18.37	-7.0E-9	3.18	17.4E-9	58.8E-9	848.4E-3	123.7E-3	18.13	-6.4E-9
734	3.18	16.4E-9	44.4E-9	846.8E-3	123.8E-3	18.38	4.8E-9	3.17	18.9E-9	49.2E-9	844.4E-3	123.4E-3	18.30	-5.2E-9
735	3.19	12.8E-9	46.0E-9	847.2E-3	123.5E-3	18.40	-6.0E-9	3.17	16.4E-9	54.0E-9	843.6E-3	124.1E-3	18.26	-5.6E-9
736	3.17	14.9E-9	41.2E-9	846.8E-3	124.9E-3	18.38	-7.3E-9	3.16	20.5E-9	47.6E-9	844.0E-3	124.9E-3	18.34	-6.8E-9
737	3.16	17.4E-9	43.6E-9	846.4E-3	125.3E-3	18.36	-2.9E-9	3.15	20.5E-9	48.0E-9	844.0E-3	125.0E-3	18.30	-6.4E-9
738	3.18	17.4E-9	38.4E-9	847.2E-3	127.9E-3	18.34	-2.1E-9	3.17	17.9E-9	42.4E-9	844.0E-3	127.8E-3	18.19	-5.4E-9
739	3.16	18.4E-9	37.2E-9	847.2E-3	128.9E-3	18.32	-3.0E-9	3.15	21.5E-9	42.0E-9	849.2E-3	129.9E-3	18.19	-6.6E-9
740	3.17	16.4E-9	34.0E-9	845.6E-3	124.6E-3	18.30	-7.0E-9	3.15	19.5E-9	37.6E-9	843.2E-3	125.1E-3	18.25	-6.8E-9
741	3.18	16.4E-9	38.8E-9	846.4E-3	127.9E-3	18.28	-10.5E-9	3.17	17.9E-9	39.2E-9	844.4E-3	127.0E-3	18.23	-6.2E-9
742	3.17	16.4E-9	36.8E-9	846.8E-3	123.1E-3	18.38	-6.4E-9	3.16	16.4E-9	40.0E-9	843.2E-3	123.3E-3	18.22	-6.1E-9
743	3.18	16.4E-9	35.6E-9	846.4E-3	124.0E-3	18.28	-1.8E-9	3.17	17.9E-9	38.8E-9	844.0E-3	123.9E-3	18.23	-7.4E-9
744	3.22	12.3E-9	48.8E-9	847.2E-3	121.1E-3	18.25	-6.0E-9	3.21	12.8E-9	56.0E-9	847.2E-3	121.2E-3	18.06	-5.5E-9
745	3.21	13.3E-9	47.2E-9	846.8E-3	121.4E-3	18.30	-6.8E-9	3.20	17.4E-9	51.6E-9	844.0E-3	121.2E-3	18.22	-5.0E-9

High Temperature Storage
Mil-Std 750 M 1032, 340hrs, 150°C
Lot 6700

SN	Initials							340Hr End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSON 10V	GFS 17.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSON 10V	GFS 17.5A	IGSS -30V
746	3.24	9.2E-9	49.2E-9	845.6E-3	121.5E-3	18.24	-6.2E-9	3.24	11.3E-9	52.4E-9	847.2E-3	120.5E-3	18.13	-5.8E-9
747	3.23	9.7E-9	48.4E-9	845.6E-3	121.0E-3	18.23	-5.8E-9	3.22	14.6E-9	50.4E-9	844.0E-3	120.2E-3	18.11	-6.8E-9
748	3.21	13.3E-9	60.4E-9	846.0E-3	121.7E-3	18.30	-6.8E-9	3.19	17.7E-9	66.0E-9	849.2E-3	121.9E-3	18.17	-6.3E-9
749	3.23	11.3E-9	41.2E-9	846.8E-3	121.0E-3	18.26	-3.8E-9	3.22	12.8E-9	47.2E-9	846.4E-3	120.7E-3	18.12	-5.8E-9
750	3.14	14.3E-9	25.6E-9	847.2E-3	121.2E-3	18.58	-6.8E-9	3.14	17.4E-9	29.2E-9	844.4E-3	120.6E-3	18.52	-6.9E-9
751	3.16	12.8E-9	24.8E-9	847.6E-3	122.2E-3	18.49	2.1E-9	3.15	16.6E-9	26.8E-9	845.6E-3	121.7E-3	18.40	-6.2E-9
752	3.23	10.8E-9	22.4E-9	847.2E-3	117.9E-3	18.29	-4.7E-9	3.23	13.3E-9	24.0E-9	845.2E-3	117.5E-3	18.20	-4.8E-9
753	3.19	11.3E-9	26.8E-9	847.2E-3	119.8E-3	18.37	24.0E-9	3.18	16.4E-9	29.2E-9	846.4E-3	119.1E-3	18.34	-1.9E-9
754	3.17	11.8E-9	27.6E-9	846.8E-3	120.5E-3	18.53	-3.6E-9	3.17	15.4E-9	26.8E-9	845.6E-3	119.3E-3	18.44	-7.2E-9
755	3.17	13.8E-9	26.0E-9	845.6E-3	128.6E-3	18.31	-4.9E-9	3.12	17.4E-9	27.6E-9	845.6E-3	120.5E-3	18.58	-6.6E-9
756	3.13	12.5E-9	25.2E-9	847.2E-3	121.5E-3	18.76	1.8E-9	3.12	15.4E-9	27.2E-9	844.8E-3	120.9E-3	18.62	-7.5E-9
757	3.17	12.8E-9	42.0E-9	847.6E-3	127.8E-3	18.40	-6.5E-9	3.16	16.9E-9	46.0E-9	844.0E-3	127.3E-3	18.29	-6.3E-9
758	3.12	12.3E-9	26.0E-9	846.4E-3	121.8E-3	18.67	-2.8E-9	3.16	13.8E-9	26.8E-9	842.8E-3	128.8E-3	18.20	-6.0E-9
759	3.21	12.3E-9	24.0E-9	846.8E-3	127.5E-3	18.42	-2.2E-9	3.20	13.3E-9	29.6E-9	846.4E-3	127.3E-3	18.22	-5.7E-9
760	3.19	12.3E-9	25.2E-9	847.6E-3	127.7E-3	18.37	-2.3E-9	3.17	15.4E-9	34.4E-9	848.4E-3	128.3E-3	18.17	-6.4E-9
761	3.15	16.4E-9	23.2E-9	847.2E-3	124.9E-3	18.83	-1.8E-9	3.14	17.4E-9	27.6E-9	845.2E-3	124.6E-3	18.74	-7.8E-9
762	3.23	9.2E-9	25.2E-9	846.0E-3	128.1E-3	18.23	-5.8E-9	3.23	14.3E-9	28.0E-9	846.8E-3	126.2E-3	18.16	-6.3E-9
763	3.13	14.3E-9	26.8E-9	846.8E-3	121.0E-3	18.92	-4.3E-9	3.12	16.9E-9	32.8E-9	844.4E-3	121.6E-3	18.71	-7.6E-9
764	3.19	11.3E-9	21.6E-9	847.2E-3	129.6E-3	18.59	-6.7E-9	3.16	16.4E-9	26.8E-9	842.8E-3	131.3E-3	18.44	-6.8E-9
765	3.16	12.3E-9	26.0E-9	846.4E-3	126.3E-3	18.82	-7.1E-9	3.13	13.3E-9	29.2E-9	850.0E-3	121.0E-3	18.41	-6.6E-9
766	3.25	9.2E-9	20.0E-9	848.8E-3	127.2E-3	18.34	-5.0E-9	3.24	8.2E-9	18.8E-9	846.4E-3	127.4E-3	18.20	-4.6E-9
767	3.19	12.8E-9	24.8E-9	846.4E-3	127.4E-3	18.37	-6.3E-9	3.18	13.8E-9	27.2E-9	852.0E-3	127.0E-3	18.18	-5.9E-9
768	3.20	12.3E-9	26.0E-9	846.0E-3	127.9E-3	18.34	-5.8E-9	3.20	15.4E-9	28.4E-9	848.4E-3	126.3E-3	18.19	-5.6E-9
769	3.16	12.5E-9	25.6E-9	846.4E-3	126.7E-3	18.42	-5.9E-9	3.16	14.9E-9	26.0E-9	851.6E-3	125.4E-3	18.24	-6.4E-9
770	3.16	14.3E-9	23.2E-9	846.4E-3	125.2E-3	18.48	-5.7E-9	3.15	16.4E-9	26.0E-9	844.0E-3	125.0E-3	18.35	-5.4E-9

High Temperature Storage
Mil-Std 750 M 1032, 340hrs, 150°C
Lot 6700

SN	Initials							340Hr End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSON 10V	GFS 17.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSON 10V	GFS 17.5A	IGSS -30V
771	3.15	14.6E-9	26.8E-9	845.2E-3	122.1E-3	18.80	-6.2E-9	3.14	19.5E-9	30.0E-9	843.2E-3	121.4E-3	18.67	-7.6E-9
772	3.16	12.5E-9	28.0E-9	846.4E-3	121.7E-3	18.50	-6.7E-9	3.15	17.4E-9	28.4E-9	843.2E-3	121.2E-3	18.37	-6.3E-9
773	3.18	17.9E-9	33.2E-9	847.2E-3	133.0E-3	18.74	-2.5E-9	3.16	18.9E-9	37.6E-9	849.2E-3	134.3E-3	18.55	-7.6E-9
774	3.16	13.8E-9	39.2E-9	847.2E-3	132.9E-3	18.76	-6.0E-9	3.15	16.4E-9	41.2E-9	845.6E-3	132.5E-3	18.66	-8.0E-9
775	3.22	14.3E-9	30.0E-9	847.6E-3	130.6E-3	18.47	-2.8E-9	3.21	16.4E-9	33.6E-9	846.0E-3	131.1E-3	18.36	-6.6E-9
776	3.15	15.4E-9	29.2E-9	847.6E-3	130.4E-3	18.48	-8.3E-9	3.13	19.5E-9	30.4E-9	844.4E-3	130.3E-3	18.36	-6.7E-9
777	3.23	16.9E-9	29.6E-9	848.4E-3	132.8E-3	18.61	1.4E-9	3.21	18.9E-9	32.0E-9	844.8E-3	133.1E-3	18.53	-7.5E-9
778	3.25	16.4E-9	22.0E-9	847.6E-3	130.1E-3	18.59	-6.8E-9	3.24	16.9E-9	24.4E-9	844.4E-3	129.4E-3	18.46	-5.8E-9
779	3.16	14.3E-9	26.0E-9	846.4E-3	121.6E-3	18.64	-6.1E-9	3.15	16.9E-9	27.6E-9	844.0E-3	120.9E-3	18.50	-6.2E-9
780	3.13	12.5E-9	26.8E-9	845.2E-3	121.8E-3	18.82	-9.3E-9	3.12	16.4E-9	29.2E-9	842.8E-3	121.3E-3	18.73	-6.7E-9
781	3.17	14.9E-9	26.0E-9	846.0E-3	120.1E-3	18.62	-7.4E-9	3.16	16.4E-9	29.2E-9	843.6E-3	119.8E-3	18.49	-6.1E-9
782	3.15	12.3E-9	26.0E-9	846.0E-3	120.6E-3	18.66	-6.3E-9	3.14	14.3E-9	27.6E-9	842.8E-3	126.6E-3	18.64	-6.0E-9
783	3.18	13.8E-9	23.6E-9	846.8E-3	119.4E-3	18.49	-2.4E-9	3.17	14.9E-9	28.0E-9	849.6E-3	120.3E-3	18.34	-5.8E-9
784	3.21	13.8E-9	23.6E-9	846.8E-3	119.9E-3	18.48	-5.8E-9	3.19	16.4E-9	27.2E-9	843.2E-3	120.2E-3	18.44	-5.8E-9
785	3.16	14.9E-9	26.8E-9	846.8E-3	120.5E-3	18.65	-6.6E-9	3.14	15.4E-9	30.0E-9	842.4E-3	121.2E-3	18.43	-7.0E-9
786	3.16	14.9E-9	23.6E-9	847.2E-3	120.1E-3	18.55	-13.1E-9	3.14	15.4E-9	28.8E-9	847.6E-3	120.8E-3	18.35	-6.5E-9
787	3.17	16.4E-9	32.8E-9	847.6E-3	131.4E-3	18.60	-8.3E-9	3.16	17.9E-9	34.0E-9	844.8E-3	131.0E-3	18.49	-8.0E-9
788	3.19	16.9E-9	26.4E-9	846.0E-3	125.4E-3	18.43	-7.4E-9	3.19	17.4E-9	27.2E-9	844.0E-3	124.8E-3	18.30	-6.8E-9
789	3.26	13.3E-9	18.0E-9	845.6E-3	126.6E-3	18.13	-2.1E-9	3.25	16.4E-9	19.6E-9	842.8E-3	126.5E-3	18.02	-5.6E-9
790	3.22	17.9E-9	18.0E-9	844.8E-3	126.2E-3	18.22	-2.3E-9	3.21	11.3E-9	21.2E-9	843.6E-3	126.4E-3	18.13	-7.0E-9
791	3.24	17.4E-9	18.8E-9	846.4E-3	128.5E-3	18.22	-3.9E-9	3.23	20.5E-9	19.2E-9	844.8E-3	127.3E-3	18.17	-6.2E-9
792	3.25	16.6E-9	18.0E-9	845.2E-3	126.9E-3	18.14	-3.6E-9	3.24	14.3E-9	18.8E-9	843.6E-3	125.7E-3	18.10	-6.2E-9
793	3.20	16.4E-9	18.8E-9	846.4E-3	128.9E-3	18.32	-4.6E-9	3.19	17.4E-9	22.8E-9	847.2E-3	128.5E-3	18.20	-7.1E-9
794	3.25	16.6E-9	17.6E-9	846.4E-3	126.9E-3	18.16	-6.5E-9	3.24	19.5E-9	19.6E-9	843.6E-3	126.4E-3	18.11	-6.1E-9
795	3.17	14.3E-9	22.8E-9	846.0E-3	128.6E-3	18.52	10.4E-9	3.16	19.5E-9	26.0E-9	843.2E-3	128.7E-3	18.37	-7.4E-9
796	3.21	16.9E-9	21.6E-9	846.8E-3	128.8E-3	18.31	-6.2E-9	3.20	18.7E-9	22.8E-9	845.6E-3	128.3E-3	18.25	-5.5E-9
797	3.16	14.9E-9	40.8E-9	845.2E-3	134.2E-3	18.54	-5.9E-9	3.15	18.7E-9	42.8E-9	844.0E-3	134.7E-3	18.42	-8.6E-9

Steady State Gate Bias

HTGB (Steady State +ve Gate Bias)

Steady State Gate Bias
Mil-Std 750 M 1042-B, 500hrs, VGS= 24V, 150°C
Lot 6701

SN	Initials							500Hr End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSON 10V	GFS 17.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSON 10V	GFS 17.5A	IGSS -30V
161	3.18	16.4E-9	27.6E-9	842.0E-3	135.8E-3	18.11	200.0E-12	3.20	27.1E-9	34.8E-9	840.8E-3	135.2E-3	18.10	-2.2E-9
162	3.15	13.8E-9	36.4E-9	843.6E-3	133.0E-3	18.11	-680.0E-12	3.18	16.9E-9	38.0E-9	842.4E-3	132.5E-3	18.14	-1.9E-9
163	3.18	16.4E-9	26.8E-9	843.2E-3	135.5E-3	18.12	-640.0E-12	3.21	23.6E-9	27.6E-9	842.8E-3	133.9E-3	18.19	-1.6E-9
164	3.18	10.8E-9	36.0E-9	844.0E-3	131.2E-3	18.05	-1.5E-9	3.19	14.3E-9	37.2E-9	843.6E-3	129.7E-3	18.05	-2.4E-9
165	3.17	13.3E-9	34.8E-9	844.4E-3	131.8E-3	18.10	-40.0E-12	3.19	16.4E-9	40.0E-9	842.8E-3	131.0E-3	18.13	-1.6E-9
166	3.22	11.3E-9	40.0E-9	844.8E-3	129.8E-3	18.02	-600.0E-12	3.25	12.5E-9	44.0E-9	844.0E-3	128.4E-3	18.02	-1.7E-9
167	3.21	12.8E-9	37.6E-9	844.8E-3	130.3E-3	18.02	-1.3E-9	3.24	16.4E-9	39.6E-9	844.0E-3	128.7E-3	18.08	-1.6E-9
168	3.21	12.3E-9	34.4E-9	844.4E-3	131.1E-3	17.95	-40.0E-12	3.23	14.9E-9	39.2E-9	843.2E-3	129.9E-3	17.95	-1.7E-9
169	3.28	9.7E-9	35.6E-9	844.0E-3	129.8E-3	17.84	1.4E-9	3.31	12.3E-9	38.0E-9	844.0E-3	127.7E-3	17.90	-280.0E-12
170	3.23	10.8E-9	33.2E-9	843.6E-3	130.4E-3	17.89	000.0E+0	3.27	15.4E-9	37.2E-9	843.2E-3	128.4E-3	17.95	-1.8E-9
171	3.25	10.8E-9	54.4E-9	845.2E-3	129.3E-3	17.93	-40.0E-12	3.29	12.3E-9	67.6E-9	844.4E-3	127.6E-3	17.96	-640.0E-12
172	3.16	13.8E-9	45.2E-9	844.0E-3	131.4E-3	18.04	-680.0E-12	3.19	16.4E-9	47.6E-9	844.0E-3	129.7E-3	17.99	-1.7E-9
173	3.16	16.4E-9	28.0E-9	843.6E-3	139.1E-3	17.99	-480.0E-12	3.20	20.5E-9	30.4E-9	843.6E-3	136.3E-3	18.07	-2.5E-9
174	3.17	12.8E-9	32.4E-9	843.6E-3	132.1E-3	17.98	-680.0E-12	3.20	18.4E-9	34.8E-9	843.6E-3	130.1E-3	18.04	-2.8E-9
175	3.15	16.6E-9	33.2E-9	843.2E-3	138.6E-3	18.04	-680.0E-12	3.20	21.0E-9	35.6E-9	844.4E-3	134.7E-3	18.06	-2.5E-9
176	3.27	8.7E-9	32.0E-9	844.0E-3	130.1E-3	17.72	-960.0E-12	3.31	9.7E-9	34.4E-9	843.6E-3	128.1E-3	17.80	-2.1E-9
177	3.21	10.2E-9	28.8E-9	843.6E-3	140.7E-3	18.02	1.0E-9	3.25	11.5E-9	30.4E-9	843.2E-3	138.7E-3	18.08	-1.7E-9
178	3.15	15.4E-9	28.8E-9	843.2E-3	138.8E-3	18.00	1.3E-9	3.19	20.5E-9	32.0E-9	843.2E-3	135.8E-3	18.08	-2.6E-9
179	3.17	16.4E-9	26.8E-9	844.4E-3	138.1E-3	18.10	360.0E-12	3.21	17.7E-9	30.8E-9	844.0E-3	135.8E-3	18.04	-1.8E-9
180	3.20	14.3E-9	30.8E-9	843.6E-3	139.7E-3	18.01	-640.0E-12	3.24	16.4E-9	32.8E-9	844.4E-3	136.2E-3	18.02	-2.4E-9
181	3.15	15.4E-9	30.8E-9	843.2E-3	133.9E-3	18.04	-80.0E-12	3.19	17.4E-9	34.8E-9	844.0E-3	131.3E-3	18.07	-1.5E-9
182	3.25	11.8E-9	30.4E-9	843.6E-3	139.9E-3	18.01	-80.0E-12	3.28	10.2E-9	33.6E-9	843.6E-3	137.9E-3	18.07	-1.4E-9
183	3.22	8.7E-9	28.8E-9	843.2E-3	140.5E-3	18.02	2.0E-9	3.27	12.8E-9	32.4E-9	844.0E-3	137.5E-3	18.10	-2.4E-9
184	3.19	14.3E-9	28.8E-9	844.4E-3	138.8E-3	18.04	-880.0E-12	3.22	21.5E-9	30.0E-9	844.4E-3	136.1E-3	18.07	-1.8E-9
185	3.24	12.3E-9	35.6E-9	843.6E-3	140.3E-3	17.99	2.1E-9	3.29	14.3E-9	38.8E-9	844.4E-3	136.5E-3	18.07	-2.7E-9

Steady State Gate Bias
Mil-Std 750 M 1042-B, 500hrs, VGS= 24V, 150°C
Lot 6701

SN	Initials							500Hr End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSON 10V	GFS 17.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSON 10V	GFS 17.5A	IGSS -30V
186	3.26	8.2E-9	28.8E-9	843.6E-3	139.5E-3	17.93	-440.0E-12	3.31	10.2E-9	30.8E-9	844.0E-3	136.9E-3	18.00	-1.2E-9
187	3.26	9.2E-9	32.4E-9	843.2E-3	140.8E-3	18.00	9.8E-9	3.30	11.5E-9	34.0E-9	843.6E-3	138.3E-3	18.11	-2.0E-9
188	3.24	9.7E-9	28.4E-9	843.6E-3	140.6E-3	17.95	600.0E-12	3.29	13.3E-9	31.2E-9	845.2E-3	137.0E-3	18.06	-2.3E-9
189	3.25	10.2E-9	31.2E-9	843.6E-3	140.8E-3	17.94	920.0E-12	3.30	13.8E-9	33.2E-9	844.8E-3	137.1E-3	18.12	-1.3E-9
190	3.21	13.8E-9	29.2E-9	844.0E-3	139.4E-3	17.98	-800.0E-12	3.26	16.4E-9	32.0E-9	845.2E-3	136.1E-3	18.06	-1.6E-9
191	3.21	11.3E-9	27.6E-9	843.6E-3	141.0E-3	18.04	160.0E-12	3.25	13.8E-9	31.2E-9	843.6E-3	138.7E-3	18.10	-2.0E-9
192	3.22	11.3E-9	30.8E-9	844.4E-3	139.0E-3	17.96	-960.0E-12	3.25	19.5E-9	34.4E-9	843.6E-3	136.5E-3	18.06	-2.0E-9
193	3.20	13.8E-9	26.0E-9	843.2E-3	140.8E-3	17.99	200.0E-12	3.25	16.4E-9	28.4E-9	844.0E-3	137.9E-3	18.07	-1.2E-9
194	3.22	10.8E-9	28.4E-9	844.0E-3	140.7E-3	17.96	880.0E-12	3.27	13.3E-9	30.8E-9	844.0E-3	138.2E-3	18.02	-1.3E-9
195	3.20	16.4E-9	37.6E-9	844.0E-3	131.4E-3	17.84	-160.0E-12	3.22	18.4E-9	35.6E-9	844.0E-3	129.3E-3	17.98	-2.8E-9
196	3.22	11.3E-9	31.6E-9	844.0E-3	139.4E-3	17.95	6.8E-9	3.26	12.3E-9	34.4E-9	843.6E-3	136.5E-3	18.02	-2.3E-9
197	3.17	15.4E-9	40.8E-9	843.6E-3	131.2E-3	17.95	160.0E-12	3.20	21.0E-9	43.6E-9	843.2E-3	129.7E-3	17.99	-2.0E-9
198	3.17	15.4E-9	28.0E-9	843.6E-3	138.4E-3	18.12	1.6E-9	3.20	17.4E-9	32.8E-9	843.2E-3	136.2E-3	18.08	-1.9E-9
199	3.21	14.3E-9	42.8E-9	842.8E-3	131.3E-3	17.90	160.0E-12	3.26	20.5E-9	42.8E-9	844.8E-3	128.2E-3	18.06	-1.7E-9
200	3.25	12.3E-9	40.8E-9	843.2E-3	130.7E-3	17.81	6.1E-9	3.27	14.3E-9	37.6E-9	844.4E-3	128.1E-3	17.92	-1.2E-9
201	3.21	17.4E-9	35.6E-9	843.6E-3	130.7E-3	17.82	6.2E-9	3.25	17.4E-9	37.6E-9	844.0E-3	128.4E-3	17.95	-2.3E-9
202	3.20	12.8E-9	29.6E-9	843.6E-3	138.7E-3	18.00	-640.0E-12	3.24	16.4E-9	31.6E-9	843.6E-3	135.6E-3	18.06	-3.0E-9
203	3.15	15.4E-9	28.0E-9	843.2E-3	138.5E-3	18.10	-240.0E-12	3.19	19.5E-9	31.6E-9	843.6E-3	135.5E-3	18.16	-1.6E-9
204	3.24	14.6E-9	39.2E-9	844.0E-3	130.2E-3	17.78	-360.0E-12	3.28	17.4E-9	41.2E-9	844.0E-3	128.2E-3	17.90	-2.5E-9
205	3.18	16.4E-9	36.0E-9	843.2E-3	130.9E-3	17.92	80.0E-12	3.21	21.8E-9	37.6E-9	844.4E-3	129.6E-3	17.98	-440.0E-12
206	3.22	16.4E-9	36.0E-9	843.2E-3	131.3E-3	17.82	000.0E+0	3.25	17.4E-9	39.2E-9	843.2E-3	129.4E-3	17.83	-1.7E-9
207	3.15	14.6E-9	28.8E-9	843.6E-3	138.0E-3	18.11	-440.0E-12	3.19	13.8E-9	30.8E-9	843.2E-3	135.9E-3	18.13	-1.7E-9
208	3.25	16.4E-9	36.0E-9	843.6E-3	129.8E-3	17.70	2.8E-9	3.29	16.9E-9	42.0E-9	843.2E-3	128.8E-3	17.86	-1.1E-9
209	3.26	10.2E-9	36.4E-9	843.6E-3	130.4E-3	17.74	-1.1E-9	3.30	16.4E-9	38.4E-9	844.4E-3	128.8E-3	17.80	-1.4E-9
210	3.15	16.4E-9	28.0E-9	844.0E-3	136.7E-3	18.05	-1.6E-9	3.17	21.5E-9	32.4E-9	842.0E-3	135.9E-3	18.05	-1.8E-9

Steady State Gate Bias
Mil-Std 750 M 1042-B, 500hrs, VGS= 24V, 150°C
Lot 6701

SN	Initials							500Hr End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSON 10V	GFS 17.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSON 10V	GFS 17.5A	IGSS -30V
211	3.15	16.4E-9	26.8E-9	843.6E-3	137.4E-3	18.07	-2.1E-9	3.19	20.5E-9	31.2E-9	844.0E-3	134.9E-3	18.06	-2.0E-9
212	3.14	13.8E-9	33.6E-9	844.0E-3	133.5E-3	18.11	-520.0E-12	3.18	17.4E-9	37.2E-9	844.4E-3	130.7E-3	18.14	-2.2E-9
213	3.21	14.3E-9	45.6E-9	841.6E-3	133.2E-3	17.82	-400.0E-12	3.27	16.9E-9	44.8E-9	843.6E-3	129.2E-3	17.98	-1.3E-9
214	3.15	16.4E-9	30.8E-9	843.2E-3	135.8E-3	18.02	-280.0E-12	3.19	18.4E-9	35.2E-9	843.2E-3	132.9E-3	18.10	-1.9E-9
215	3.20	12.3E-9	31.6E-9	842.8E-3	138.1E-3	17.94	000.0E+0	3.22	18.7E-9	30.4E-9	843.2E-3	135.5E-3	17.95	-3.1E-9
216	3.19	16.4E-9	39.6E-9	842.8E-3	132.1E-3	17.83	-520.0E-12	3.24	19.7E-9	39.2E-9	844.0E-3	128.7E-3	17.96	-1.7E-9
217	3.21	18.9E-9	37.2E-9	843.6E-3	131.2E-3	17.81	-1.4E-9	3.25	20.5E-9	38.0E-9	844.0E-3	128.7E-3	17.90	-1.6E-9
218	3.14	14.3E-9	33.2E-9	842.8E-3	132.8E-3	18.07	360.0E-12	3.18	15.4E-9	33.2E-9	843.2E-3	130.2E-3	18.18	-1.5E-9
219	3.19	14.6E-9	36.4E-9	843.2E-3	131.5E-3	17.87	-480.0E-12	3.23	22.5E-9	38.0E-9	842.4E-3	129.7E-3	17.90	-1.9E-9
220	3.21	14.3E-9	31.2E-9	844.4E-3	139.4E-3	17.94	4.1E-9	3.25	16.4E-9	35.6E-9	842.8E-3	137.5E-3	17.96	-2.3E-9
221	3.19	17.4E-9	38.0E-9	842.8E-3	131.4E-3	17.83	-240.0E-12	3.23	27.7E-9	39.6E-9	843.6E-3	128.9E-3	17.95	-1.6E-9
222	3.20	13.3E-9	31.6E-9	842.0E-3	139.4E-3	17.90	5.2E-9	3.25	13.3E-9	36.4E-9	843.2E-3	136.3E-3	17.98	-2.2E-9
223	3.18	16.9E-9	38.8E-9	842.8E-3	132.1E-3	17.94	-480.0E-12	3.22	18.9E-9	41.2E-9	842.8E-3	130.0E-3	17.96	-1.6E-9
224	3.21	12.3E-9	31.6E-9	842.4E-3	140.0E-3	17.86	-1.2E-9	3.26	17.4E-9	30.8E-9	843.2E-3	137.0E-3	17.92	-2.2E-9
225	3.23	13.3E-9	30.8E-9	843.6E-3	143.4E-3	18.05	2.9E-9	3.28	16.4E-9	33.2E-9	844.4E-3	140.3E-3	18.12	-840.0E-12
226	3.18	16.4E-9	30.8E-9	843.2E-3	136.0E-3	17.94	-2.0E-9	3.22	18.7E-9	34.8E-9	842.8E-3	133.6E-3	18.01	-2.3E-9
227	3.26	13.3E-9	33.6E-9	844.4E-3	140.5E-3	17.77	-560.0E-12	3.30	16.4E-9	37.6E-9	844.0E-3	138.2E-3	17.78	-1.4E-9
228	3.19	17.4E-9	32.4E-9	843.6E-3	135.1E-3	18.05	-22.3E-9	3.22	19.7E-9	36.8E-9	843.2E-3	133.4E-3	18.12	-2.2E-9
229	3.29	10.8E-9	34.0E-9	843.6E-3	139.7E-3	17.72	-160.0E-12	3.33	12.8E-9	36.4E-9	844.0E-3	137.1E-3	17.77	-1.2E-9
230	3.30	11.3E-9	34.4E-9	844.0E-3	139.5E-3	17.77	-960.0E-12	3.34	12.3E-9	37.2E-9	843.6E-3	137.2E-3	17.81	-1.9E-9
231	3.23	12.3E-9	86.8E-9	843.6E-3	142.3E-3	18.05	240.0E-12	3.27	16.4E-9	102.0E-9	844.0E-3	139.7E-3	18.16	-1.9E-9
232	3.31	10.2E-9	36.0E-9	843.2E-3	140.2E-3	17.71	000.0E+0	3.36	12.8E-9	38.8E-9	842.8E-3	137.9E-3	17.80	-1.4E-9
233	3.21	12.8E-9	158.8E-9	843.6E-3	141.0E-3	17.89	-440.0E-12	3.25	16.4E-9	158.8E-9	844.0E-3	138.0E-3	17.96	-1.6E-9
234	3.20	12.8E-9	27.6E-9	843.2E-3	140.7E-3	18.08	520.0E-12	3.24	19.5E-9	31.2E-9	843.6E-3	138.2E-3	18.14	-2.1E-9
235	3.26	12.3E-9	31.2E-9	842.4E-3	135.0E-3	18.10	1.5E-9	3.30	18.9E-9	31.6E-9	844.4E-3	131.7E-3	18.22	-1.4E-9
236	3.19	14.3E-9	30.8E-9	842.0E-3	137.6E-3	17.99	-200.0E-12	3.23	17.7E-9	33.6E-9	842.4E-3	135.5E-3	18.04	-1.8E-9
237	3.24	14.6E-9	29.6E-9	844.0E-3	133.9E-3	18.14	-1.9E-9	3.27	15.4E-9	34.4E-9	843.2E-3	132.3E-3	18.17	-1.8E-9

Steady State Gate Bias
Mil-Std 750 M 1042-B, 500hrs, VGS= 24V, 150°C
Lot 6608

SN	Initials							500Hr End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSON 10V	GFS 17.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSON 10V	GFS 17.5A	IGSS -30V
483	3.40	17.4E-9	19.6E-9	846.0E-3	132.5E-3	17.93	-1.1E-9	3.44	22.0E-9	28.4E-9	843.6E-3	131.1E-3	17.98	-2.5E-9
484	3.43	21.0E-9	19.6E-9	846.4E-3	131.6E-3	17.98	-480.0E-12	3.47	22.5E-9	24.8E-9	844.8E-3	129.9E-3	17.98	-2.1E-9
485	3.42	18.9E-9	19.6E-9	846.4E-3	131.5E-3	17.96	-1.1E-9	3.46	22.5E-9	23.2E-9	845.2E-3	129.0E-3	18.07	-1.8E-9
486	3.46	17.9E-9	18.0E-9	847.6E-3	130.2E-3	17.83	40.0E-12	3.50	20.5E-9	23.6E-9	845.6E-3	128.5E-3	17.89	-1.8E-9
487	3.45	17.4E-9	18.8E-9	847.6E-3	130.4E-3	17.94	2.3E-9	3.49	21.5E-9	23.6E-9	846.0E-3	128.0E-3	17.96	-1.7E-9
488	3.50	14.3E-9	27.6E-9	847.6E-3	129.3E-3	18.53	7.8E-9	3.52	16.4E-9	21.6E-9	845.6E-3	127.1E-3	18.50	-2.2E-9
489	3.48	15.4E-9	19.6E-9	847.6E-3	130.4E-3	18.01	6.0E-9	3.52	17.4E-9	23.2E-9	845.6E-3	128.2E-3	18.05	-1.9E-9
490	3.14	33.8E-9	17.2E-9	847.6E-3	130.0E-3	20.98	-600.0E-12	3.17	33.8E-9	19.6E-9	846.4E-3	127.8E-3	21.02	-3.5E-9
491	3.26	25.1E-9	18.8E-9	847.6E-3	128.2E-3	19.70	-960.0E-12	3.29	21.5E-9	21.2E-9	845.2E-3	126.7E-3	19.67	-2.5E-9
492	3.46	16.4E-9	19.6E-9	846.8E-3	129.8E-3	18.84	-1.2E-9	3.49	17.9E-9	22.8E-9	844.4E-3	128.4E-3	18.84	-1.8E-9
493	3.47	16.4E-9	18.8E-9	848.0E-3	129.9E-3	18.20	280.0E-12	3.52	19.7E-9	24.0E-9	846.8E-3	127.4E-3	18.19	-1.4E-9
494	3.49	14.9E-9	19.2E-9	846.8E-3	130.7E-3	18.26	-80.0E-12	3.54	16.4E-9	23.6E-9	847.2E-3	127.9E-3	18.34	-1.7E-9
495	3.43	19.5E-9	19.6E-9	847.2E-3	131.0E-3	18.37	3.2E-9	3.45	21.0E-9	24.0E-9	842.4E-3	131.6E-3	18.34	-2.0E-9
496	3.45	17.4E-9	19.6E-9	847.2E-3	130.4E-3	18.34	1.9E-9	3.50	18.4E-9	23.2E-9	846.0E-3	128.3E-3	18.37	-2.2E-9
497	3.42	19.5E-9	19.6E-9	848.0E-3	130.8E-3	18.22	1.6E-9	3.46	24.6E-9	25.2E-9	846.0E-3	128.6E-3	18.18	-2.3E-9
498	3.42	18.4E-9	19.6E-9	847.2E-3	131.0E-3	18.28	2.3E-9	3.47	21.5E-9	25.2E-9	846.0E-3	128.3E-3	18.40	-2.2E-9
499	3.11	29.7E-9	18.8E-9	846.4E-3	136.5E-3	20.95	-320.0E-12	3.15	27.7E-9	23.6E-9	845.2E-3	133.9E-3	20.99	-3.5E-9
500	3.13	26.6E-9	20.0E-9	846.4E-3	137.9E-3	20.88	-800.0E-12	3.17	29.2E-9	24.4E-9	845.2E-3	134.9E-3	20.87	-3.5E-9
501	3.18	21.5E-9	19.6E-9	846.4E-3	136.6E-3	19.45	280.0E-12	3.23	25.6E-9	24.4E-9	845.6E-3	133.4E-3	19.61	-2.9E-9
502	3.08	25.6E-9	20.4E-9	847.2E-3	136.9E-3	20.54	440.0E-12	3.09	26.9E-9	25.2E-9	843.6E-3	135.9E-3	20.44	-5.2E-9
503	3.38	15.4E-9	17.6E-9	846.4E-3	135.4E-3	18.50	-400.0E-12	3.42	17.4E-9	32.8E-9	844.4E-3	133.9E-3	18.54	-2.6E-9
504	3.32	18.9E-9	20.4E-9	845.2E-3	137.5E-3	18.74	-280.0E-12	3.37	20.7E-9	34.0E-9	844.8E-3	133.8E-3	18.91	-2.6E-9
505	3.37	16.4E-9	18.4E-9	846.8E-3	135.2E-3	18.42	-480.0E-12	3.41	18.9E-9	23.6E-9	844.4E-3	133.5E-3	18.40	-2.7E-9
506	3.37	16.4E-9	18.8E-9	846.0E-3	135.1E-3	18.42	-240.0E-12	3.42	18.4E-9	19.6E-9	848.4E-3	132.0E-3	18.44	-2.8E-9
507	3.38	16.6E-9	18.0E-9	846.8E-3	134.4E-3	18.32	-15.5E-9	3.42	20.5E-9	23.2E-9	844.8E-3	132.5E-3	18.29	-2.6E-9

Steady State Gate Bias
Mil-Std 750 M 1042-B, 500hrs, VGS= 24V, 150°C
Lot 6608

SN	Initials							500Hr End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSON 10V	GFS 17.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSON 10V	GFS 17.5A	IGSS -30V
508	3.38	16.4E-9	18.8E-9	846.8E-3	134.6E-3	18.37	-4.4E-9	3.40	18.4E-9	22.8E-9	846.0E-3	132.1E-3	18.37	-4.2E-9
509	3.38	16.4E-9	20.4E-9	847.6E-3	133.3E-3	18.05	2.6E-9	3.42	20.5E-9	24.4E-9	845.6E-3	130.8E-3	18.14	-2.6E-9
510	3.38	20.5E-9	18.8E-9	846.8E-3	134.1E-3	18.23	-480.0E-12	3.43	19.5E-9	25.2E-9	845.6E-3	131.7E-3	18.20	-2.8E-9
511	3.39	14.9E-9	18.8E-9	846.4E-3	132.9E-3	18.00	-360.0E-12	3.43	19.5E-9	24.4E-9	845.2E-3	130.5E-3	18.00	-2.4E-9
512	3.39	16.4E-9	18.8E-9	846.4E-3	133.7E-3	18.02	-360.0E-12	3.43	20.5E-9	24.4E-9	845.6E-3	130.8E-3	18.08	-2.6E-9
513	3.41	20.7E-9	18.8E-9	846.8E-3	132.4E-3	17.94	-120.0E-12	3.44	19.5E-9	24.4E-9	846.4E-3	130.6E-3	17.94	-2.2E-9
514	3.40	17.4E-9	18.4E-9	847.6E-3	132.9E-3	17.99	-1.7E-9	3.43	20.0E-9	24.8E-9	844.8E-3	131.8E-3	18.00	-2.5E-9
515	3.42	19.5E-9	18.8E-9	847.2E-3	131.6E-3	18.02	1.1E-9	3.45	18.4E-9	26.0E-9	844.8E-3	129.9E-3	18.04	-2.6E-9
516	3.41	19.5E-9	18.8E-9	848.0E-3	131.4E-3	17.96	-1.2E-9	3.45	18.4E-9	24.8E-9	847.6E-3	129.8E-3	17.89	-2.2E-9
517	3.39	17.4E-9	121.2E-9	848.4E-3	130.6E-3	18.38	-2.2E-9	3.43	24.6E-9	128.4E-9	845.6E-3	128.6E-3	18.50	-1.6E-9
518	3.42	18.4E-9	19.6E-9	847.6E-3	131.1E-3	18.22	-360.0E-12	3.46	19.5E-9	26.0E-9	846.0E-3	129.4E-3	18.19	-3.1E-9
519	3.37	20.5E-9	17.2E-9	847.2E-3	138.8E-3	17.94	-400.0E-12	3.41	21.8E-9	23.6E-9	845.6E-3	136.5E-3	17.93	-3.0E-9
520	3.39	20.5E-9	16.0E-9	847.6E-3	138.7E-3	17.98	-1.4E-9	3.43	20.7E-9	23.6E-9	845.2E-3	137.1E-3	17.94	-2.4E-9
521	3.55	12.3E-9	21.6E-9	847.6E-3	135.9E-3	17.95	-800.0E-12	3.59	16.4E-9	26.4E-9	849.2E-3	134.3E-3	17.95	-1.6E-9
522	3.62	13.8E-9	24.0E-9	847.6E-3	135.6E-3	18.53	-280.0E-12	3.66	14.3E-9	28.4E-9	844.8E-3	134.5E-3	18.59	-1.4E-9
523	3.57	12.3E-9	22.8E-9	847.6E-3	135.7E-3	17.94	-400.0E-12	3.61	14.9E-9	26.8E-9	845.6E-3	133.6E-3	18.01	-2.0E-9
524	3.55	11.3E-9	23.2E-9	847.2E-3	135.9E-3	18.07	-640.0E-12	3.59	12.3E-9	28.0E-9	845.6E-3	134.1E-3	18.06	-1.5E-9
525	3.57	12.3E-9	23.2E-9	848.4E-3	136.4E-3	18.14	1.3E-9	3.61	13.3E-9	30.8E-9	848.4E-3	135.2E-3	18.06	-2.2E-9
526	3.52	14.6E-9	22.8E-9	847.2E-3	134.9E-3	18.11	120.0E-12	3.56	16.9E-9	28.4E-9	845.6E-3	133.3E-3	18.07	-2.2E-9
527	3.53	12.8E-9	22.8E-9	847.6E-3	135.4E-3	18.05	1.6E-9	3.57	14.3E-9	30.4E-9	847.6E-3	134.5E-3	18.04	-1.8E-9
528	3.51	16.4E-9	21.6E-9	847.2E-3	134.1E-3	18.14	160.0E-12	3.54	21.0E-9	29.6E-9	844.8E-3	133.2E-3	18.11	-2.1E-9
529	3.51	13.3E-9	22.8E-9	847.2E-3	134.2E-3	18.08	-680.0E-12	3.54	17.4E-9	30.0E-9	844.4E-3	133.1E-3	18.01	-2.7E-9
530	3.43	16.4E-9	18.0E-9	846.8E-3	137.4E-3	17.76	1.0E-9	3.47	22.8E-9	22.4E-9	844.8E-3	135.4E-3	17.80	-1.3E-9
531	3.47	16.4E-9	16.4E-9	847.2E-3	137.9E-3	17.70	920.0E-12	3.49	17.4E-9	22.0E-9	842.4E-3	139.1E-3	17.70	-2.0E-9
532	3.44	16.4E-9	16.4E-9	846.8E-3	137.5E-3	17.74	-1.0E-9	3.48	19.7E-9	21.6E-9	845.2E-3	135.1E-3	17.76	-2.0E-9

Steady State Gate Bias
Mil-Std 750 M 1042-B, 500hrs, VGS= 24V, 150°C
Lot 6608

SN	Initials							500Hr End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSON 10V	GFS 17.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSON 10V	GFS 17.5A	IGSS -30V
533	3.48	16.4E-9	18.0E-9	848.8E-3	139.2E-3	17.77	-1.2E-9	3.53	20.5E-9	21.2E-9	846.4E-3	135.7E-3	17.84	-2.6E-9
534	3.46	16.4E-9	17.2E-9	847.6E-3	137.9E-3	17.82	-120.0E-12	3.50	18.4E-9	21.2E-9	845.6E-3	135.7E-3	17.81	-2.3E-9
535	3.54	12.3E-9	17.2E-9	848.0E-3	140.0E-3	17.80	3.7E-9	3.58	14.9E-9	24.4E-9	846.8E-3	137.7E-3	17.81	-1.3E-9
536	3.49	16.4E-9	17.2E-9	848.4E-3	139.3E-3	17.76	000.0E+0	3.53	22.5E-9	20.8E-9	846.0E-3	137.5E-3	17.81	-2.0E-9
537	3.51	13.3E-9	18.0E-9	848.0E-3	139.2E-3	17.74	-200.0E-12	3.55	16.4E-9	21.6E-9	846.0E-3	137.1E-3	17.78	-1.7E-9
538	3.46	17.4E-9	16.8E-9	847.2E-3	139.0E-3	17.71	-320.0E-12	3.50	19.5E-9	23.2E-9	845.2E-3	137.2E-3	17.76	-2.2E-9
539	3.47	14.9E-9	16.8E-9	847.6E-3	139.1E-3	17.82	-40.0E-12	3.50	18.4E-9	24.0E-9	845.2E-3	138.3E-3	17.80	-2.5E-9
540	3.42	17.9E-9	17.6E-9	847.6E-3	138.5E-3	17.75	920.0E-12	3.44	20.5E-9	21.2E-9	844.4E-3	137.4E-3	17.72	-3.7E-9
541	3.43	14.3E-9	28.4E-9	848.0E-3	138.7E-3	17.74	560.0E-12	3.47	18.4E-9	34.4E-9	845.6E-3	137.1E-3	17.77	-2.4E-9
542	3.42	18.9E-9	17.6E-9	848.0E-3	135.8E-3	17.78	-80.0E-12	3.46	22.0E-9	23.2E-9	844.8E-3	134.2E-3	17.80	-2.3E-9
543	3.44	16.4E-9	18.0E-9	848.0E-3	137.0E-3	17.77	-80.0E-12	3.47	21.0E-9	24.0E-9	845.2E-3	135.5E-3	17.75	-2.8E-9
544	3.44	20.5E-9	18.0E-9	848.0E-3	133.7E-3	17.78	-160.0E-12	3.48	18.9E-9	24.4E-9	844.8E-3	132.2E-3	17.78	-2.4E-9
545	3.43	16.4E-9	18.0E-9	848.0E-3	134.1E-3	17.86	-680.0E-12	3.47	20.5E-9	24.0E-9	845.6E-3	132.5E-3	17.77	-2.6E-9
546	3.46	19.5E-9	17.6E-9	848.0E-3	132.7E-3	17.76	-200.0E-12	3.50	20.5E-9	22.4E-9	845.6E-3	130.5E-3	17.80	-1.7E-9
547	3.47	19.5E-9	16.4E-9	848.0E-3	133.0E-3	17.74	-640.0E-12	3.51	22.8E-9	22.0E-9	845.6E-3	130.8E-3	17.76	-2.2E-9
548	3.43	16.9E-9	20.0E-9	847.2E-3	129.9E-3	17.71	-1.0E-9	3.44	18.7E-9	24.8E-9	844.8E-3	127.8E-3	17.68	-2.7E-9
549	3.41	17.9E-9	24.8E-9	848.0E-3	130.7E-3	17.70	-920.0E-12	3.44	18.9E-9	31.6E-9	844.4E-3	128.7E-3	17.70	-2.2E-9
550	3.46	16.6E-9	20.4E-9	848.0E-3	128.9E-3	17.64	-280.0E-12	3.50	22.5E-9	25.2E-9	845.6E-3	127.2E-3	17.68	-2.3E-9
551	3.44	17.4E-9	19.6E-9	847.2E-3	130.1E-3	17.75	-560.0E-12	3.47	20.5E-9	26.4E-9	844.8E-3	128.1E-3	17.74	-2.3E-9
552	3.49	14.3E-9	21.2E-9	847.6E-3	129.2E-3	17.76	-440.0E-12	3.52	18.4E-9	26.8E-9	848.0E-3	127.3E-3	17.71	-1.4E-9
553	3.47	14.9E-9	19.6E-9	847.6E-3	129.1E-3	17.63	-680.0E-12	3.50	18.4E-9	24.8E-9	844.8E-3	127.6E-3	17.62	-2.5E-9
554	3.51	13.8E-9	20.0E-9	847.6E-3	128.8E-3	17.74	-80.0E-12	3.55	14.3E-9	28.0E-9	844.8E-3	127.0E-3	17.80	-1.6E-9
555	3.53	11.8E-9	20.4E-9	848.4E-3	128.0E-3	18.35	120.0E-12	3.57	12.8E-9	27.6E-9	847.2E-3	126.8E-3	18.30	-1.2E-9
556	3.46	14.9E-9	20.0E-9	847.6E-3	129.9E-3	17.70	-40.0E-12	3.49	20.5E-9	26.0E-9	844.4E-3	128.7E-3	17.70	-1.6E-9
557	3.48	15.4E-9	21.2E-9	848.0E-3	130.6E-3	17.81	-600.0E-12	3.51	14.9E-9	24.4E-9	847.2E-3	128.8E-3	17.80	-1.0E-9
558	3.42	17.7E-9	19.6E-9	847.6E-3	130.4E-3	17.76	-280.0E-12	3.45	16.4E-9	26.4E-9	845.2E-3	128.7E-3	17.72	-1.5E-9
559	3.42	16.4E-9	20.4E-9	848.4E-3	130.9E-3	17.81	-680.0E-12	3.45	21.0E-9	24.4E-9	844.4E-3	129.9E-3	17.75	-2.8E-9

Steady State Gate Bias
Mil-Std 750 M 1042-B, 500hrs, VGS= 24V, 150°C
Lot 6700

SN	Initials							500Hr End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDS(on) 10V	GFS 17.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDS(on) 10V	GFS 17.5A	IGSS -30V
801	3.14	17.4E-9	38.4E-9	842.4E-3	123.4E-3	18.42	-7.8E-9	3.18	19.7E-9	37.6E-9	841.6E-3	119.4E-3	18.46	-5.4E-9
802	3.19	16.4E-9	26.0E-9	846.0E-3	120.9E-3	18.54	-8.4E-9	3.22	16.6E-9	27.6E-9	843.2E-3	119.0E-3	18.54	-4.6E-9
803	3.18	16.9E-9	25.6E-9	845.6E-3	121.3E-3	18.64	-3.2E-9	3.21	21.8E-9	26.8E-9	843.2E-3	119.2E-3	18.61	-5.3E-9
804	3.23	16.4E-9	27.6E-9	846.8E-3	118.8E-3	18.54	4.6E-9	3.26	16.4E-9	30.4E-9	842.8E-3	117.8E-3	18.46	-5.5E-9
805	3.21	10.8E-9	29.6E-9	846.8E-3	119.9E-3	18.49	-6.8E-9	3.24	16.9E-9	38.8E-9	844.0E-3	118.6E-3	18.40	-5.3E-9
806	3.20	14.3E-9	26.8E-9	846.0E-3	120.1E-3	18.56	-5.6E-9	3.24	18.7E-9	26.8E-9	843.2E-3	117.8E-3	18.50	-5.2E-9
807	3.18	14.9E-9	25.6E-9	846.8E-3	125.2E-3	18.64	-3.0E-9	3.20	18.7E-9	29.2E-9	842.0E-3	124.3E-3	18.58	-5.2E-9
808	3.15	17.9E-9	33.6E-9	844.0E-3	123.1E-3	18.65	-8.4E-9	3.19	17.7E-9	35.2E-9	843.2E-3	119.9E-3	18.61	-5.8E-9
809	3.19	15.4E-9	25.2E-9	844.8E-3	126.9E-3	18.46	-7.3E-9	3.24	16.4E-9	26.0E-9	843.6E-3	124.1E-3	18.47	-5.3E-9
810	3.18	14.9E-9	38.4E-9	846.0E-3	124.8E-3	18.65	-6.2E-9	3.21	16.9E-9	67.6E-9	843.2E-3	123.1E-3	18.56	-6.7E-9
811	3.29	10.2E-9	22.8E-9	846.4E-3	124.1E-3	18.38	-6.0E-9	3.33	12.8E-9	24.8E-9	844.0E-3	122.6E-3	18.36	-4.6E-9
812	3.18	14.3E-9	23.6E-9	845.2E-3	125.8E-3	18.53	-7.2E-9	3.19	18.4E-9	26.8E-9	842.0E-3	124.2E-3	18.46	-6.9E-9
813	3.27	10.2E-9	21.2E-9	846.4E-3	124.7E-3	18.32	-6.2E-9	3.29	14.9E-9	23.6E-9	843.6E-3	123.1E-3	18.25	-5.5E-9
814	3.27	9.7E-9	21.2E-9	846.0E-3	124.8E-3	18.37	-2.0E-9	3.31	14.3E-9	22.8E-9	844.0E-3	123.3E-3	18.37	-4.6E-9
815	3.20	15.4E-9	23.6E-9	846.4E-3	124.8E-3	18.50	720.0E-12	3.24	20.5E-9	26.0E-9	844.4E-3	122.4E-3	18.56	-5.4E-9
816	3.21	14.3E-9	23.6E-9	846.8E-3	125.1E-3	18.43	-6.7E-9	3.24	19.7E-9	26.0E-9	844.4E-3	123.2E-3	18.46	-5.8E-9
817	3.19	11.3E-9	36.8E-9	846.0E-3	123.4E-3	18.26	-6.3E-9	3.23	16.4E-9	38.0E-9	843.2E-3	120.9E-3	18.26	-4.8E-9
818	3.20	16.4E-9	24.4E-9	846.0E-3	125.1E-3	18.50	-6.6E-9	3.24	19.5E-9	22.8E-9	843.6E-3	122.7E-3	18.54	-4.9E-9
819	3.20	10.2E-9	38.8E-9	846.8E-3	123.5E-3	18.01	-5.6E-9	3.21	13.3E-9	41.2E-9	844.4E-3	121.3E-3	17.98	-5.6E-9
820	3.22	8.5E-9	42.8E-9	847.2E-3	122.7E-3	18.07	-3.0E-9	3.26	10.2E-9	44.8E-9	845.2E-3	120.1E-3	18.11	-4.2E-9
821	3.24	12.3E-9	50.0E-9	846.4E-3	122.6E-3	18.13	-6.0E-9	3.28	13.8E-9	56.4E-9	843.6E-3	121.0E-3	18.13	-4.5E-9
822	3.25	12.3E-9	52.8E-9	846.8E-3	122.2E-3	18.11	-5.4E-9	3.29	12.3E-9	54.0E-9	844.8E-3	119.8E-3	18.11	-4.5E-9
823	3.17	14.3E-9	36.4E-9	846.4E-3	123.2E-3	18.10	-6.2E-9	3.21	17.4E-9	37.2E-9	844.4E-3	120.2E-3	18.20	-4.7E-9
824	3.16	16.4E-9	44.4E-9	846.4E-3	125.0E-3	18.17	-7.3E-9	3.18	16.4E-9	46.0E-9	845.6E-3	121.8E-3	18.16	-5.8E-9
825	3.18	14.9E-9	33.6E-9	846.4E-3	124.7E-3	18.13	-6.8E-9	3.22	16.4E-9	38.0E-9	844.4E-3	122.5E-3	18.20	-4.8E-9

Steady State Gate Bias
Mil-Std 750 M 1042-B, 500hrs, VGS= 24V, 150°C
Lot 6700

SN	Initials							500Hr End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSON 10V	GFS 17.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSON 10V	GFS 17.5A	IGSS -30V
826	3.19	14.3E-9	35.6E-9	846.0E-3	125.3E-3	18.13	-3.4E-9	3.24	14.3E-9	38.4E-9	844.8E-3	122.3E-3	18.24	-4.7E-9
827	3.17	14.9E-9	152.0E-9	847.6E-3	119.0E-3	18.48	-6.4E-9	3.20	16.4E-9	154.0E-9	843.2E-3	117.1E-3	18.54	-5.1E-9
828	3.20	13.8E-9	36.8E-9	846.0E-3	126.3E-3	18.18	-7.0E-9	3.21	14.3E-9	38.8E-9	844.4E-3	123.9E-3	18.13	-5.4E-9
829	3.20	11.5E-9	29.2E-9	845.6E-3	118.1E-3	18.54	-6.8E-9	3.24	14.3E-9	31.6E-9	844.0E-3	115.8E-3	18.54	-4.5E-9
830	3.18	13.8E-9	41.2E-9	846.8E-3	127.8E-3	18.23	-6.0E-9	3.23	15.4E-9	42.0E-9	846.0E-3	124.3E-3	18.31	-5.1E-9
831	3.24	14.3E-9	27.6E-9	846.0E-3	118.6E-3	18.47	-7.2E-9	3.28	16.4E-9	27.6E-9	845.2E-3	115.3E-3	18.49	-4.8E-9
832	3.20	16.4E-9	24.8E-9	846.4E-3	119.1E-3	18.43	-6.7E-9	3.24	20.0E-9	29.2E-9	844.4E-3	116.9E-3	18.52	-4.7E-9
833	3.18	15.4E-9	28.4E-9	846.0E-3	120.1E-3	18.48	-7.7E-9	3.23	16.4E-9	29.2E-9	844.4E-3	116.8E-3	18.54	-4.6E-9
834	3.14	14.9E-9	59.6E-9	846.0E-3	119.7E-3	18.49	-7.8E-9	3.17	18.9E-9	64.4E-9	844.0E-3	117.9E-3	18.48	-3.6E-9
835	3.16	16.4E-9	29.2E-9	845.6E-3	121.0E-3	18.60	-7.4E-9	3.20	20.5E-9	29.2E-9	843.2E-3	119.3E-3	18.56	-5.5E-9
836	3.17	17.9E-9	26.4E-9	846.0E-3	121.3E-3	18.59	-8.8E-9	3.21	20.5E-9	27.6E-9	847.6E-3	119.2E-3	18.54	-6.3E-9
837	3.15	13.8E-9	26.8E-9	844.4E-3	124.8E-3	18.73	-6.3E-9	3.19	14.9E-9	26.4E-9	843.6E-3	121.1E-3	18.79	-5.4E-9
838	3.16	12.8E-9	70.8E-9	845.6E-3	124.1E-3	18.76	-7.0E-9	3.20	18.4E-9	68.8E-9	849.6E-3	121.5E-3	18.71	-5.7E-9
839	3.15	14.9E-9	25.2E-9	846.4E-3	121.6E-3	18.71	-5.5E-9	3.19	16.4E-9	27.6E-9	850.0E-3	119.1E-3	18.62	-6.0E-9
840	3.17	13.8E-9	26.8E-9	846.8E-3	120.6E-3	18.64	-5.2E-9	3.20	17.7E-9	29.6E-9	843.6E-3	118.8E-3	18.60	-6.3E-9
841	3.16	15.4E-9	28.4E-9	846.0E-3	119.9E-3	18.54	-6.7E-9	3.20	16.4E-9	30.4E-9	852.8E-3	118.3E-3	18.44	-5.9E-9
842	3.18	14.9E-9	21.6E-9	846.8E-3	127.0E-3	18.55	-3.5E-9	3.22	19.5E-9	23.6E-9	848.4E-3	125.3E-3	18.54	-4.9E-9
843	3.13	16.4E-9	27.6E-9	846.4E-3	127.7E-3	18.64	-7.4E-9	3.17	18.9E-9	27.6E-9	845.2E-3	125.2E-3	18.67	-5.7E-9
844	3.12	16.6E-9	26.8E-9	846.4E-3	126.3E-3	18.66	-3.4E-9	3.13	17.9E-9	29.2E-9	850.8E-3	126.2E-3	18.52	-6.6E-9
845	3.16	16.4E-9	27.6E-9	847.2E-3	119.0E-3	18.55	-4.1E-9	3.19	16.4E-9	31.6E-9	848.4E-3	118.5E-3	18.48	-5.6E-9
846	3.14	13.3E-9	28.4E-9	846.0E-3	119.8E-3	18.71	-6.6E-9	3.17	20.5E-9	30.8E-9	843.6E-3	117.9E-3	18.71	-5.9E-9
847	3.16	14.3E-9	29.6E-9	846.0E-3	119.4E-3	18.50	-7.6E-9	3.20	14.9E-9	30.8E-9	847.2E-3	117.4E-3	18.52	-5.6E-9
848	3.18	13.6E-9	28.8E-9	846.8E-3	118.9E-3	18.46	-7.3E-9	3.20	17.9E-9	30.8E-9	851.6E-3	117.7E-3	18.31	-6.5E-9
849	3.20	11.3E-9	28.8E-9	846.8E-3	119.4E-3	18.40	-7.8E-9	3.23	16.4E-9	32.4E-9	850.4E-3	117.9E-3	18.31	-4.7E-9
850	3.25	10.2E-9	23.6E-9	846.0E-3	119.2E-3	18.28	-4.5E-9	3.26	12.8E-9	30.8E-9	840.4E-3	120.7E-3	18.24	-4.6E-9

Steady State Gate Bias
Mil-Std 750 M 1042-B, 500hrs, VGS= 24V, 150°C
Lot 6700

SN	Initials							500Hr End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSON 10V	GFS 17.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSON 10V	GFS 17.5A	IGSS -30V
851	3.27	9.7E-9	85.6E-9	846.8E-3	119.9E-3	18.30	-6.8E-9	3.30	12.8E-9	93.6E-9	842.4E-3	120.1E-3	18.19	-3.7E-9
852	3.24	10.2E-9	23.2E-9	847.2E-3	119.5E-3	18.30	-6.4E-9	3.28	11.3E-9	25.2E-9	843.6E-3	118.2E-3	18.29	-5.0E-9
853	3.22	11.3E-9	28.0E-9	846.8E-3	120.8E-3	18.25	-6.8E-9	3.26	15.4E-9	29.6E-9	845.2E-3	118.5E-3	18.29	-5.1E-9
854	3.20	14.3E-9	22.8E-9	847.2E-3	119.4E-3	18.31	-6.6E-9	3.24	13.8E-9	26.0E-9	844.8E-3	117.7E-3	18.37	-5.1E-9
855	3.24	10.2E-9	23.6E-9	845.6E-3	117.7E-3	18.34	-6.0E-9	3.27	13.8E-9	27.6E-9	842.4E-3	117.1E-3	18.34	-5.1E-9
856	3.24	11.5E-9	21.6E-9	846.4E-3	119.8E-3	18.31	-6.8E-9	3.28	13.8E-9	25.2E-9	846.4E-3	118.5E-3	18.28	-4.4E-9
857	3.19	12.3E-9	23.6E-9	845.6E-3	119.6E-3	18.40	-7.2E-9	3.20	17.4E-9	26.0E-9	843.6E-3	117.6E-3	18.38	-7.0E-9
858	3.21	11.3E-9	25.2E-9	844.8E-3	119.0E-3	18.42	-6.7E-9	3.25	14.9E-9	28.8E-9	843.2E-3	116.9E-3	18.42	-4.8E-9
859	3.14	12.3E-9	26.0E-9	846.8E-3	121.1E-3	18.60	-7.7E-9	3.17	13.6E-9	30.0E-9	843.6E-3	119.7E-3	18.54	-6.0E-9
860	3.22	15.4E-9	21.2E-9	846.0E-3	117.8E-3	18.42	-4.0E-9	3.25	16.4E-9	26.0E-9	842.8E-3	116.8E-3	18.37	-5.4E-9
861	3.12	16.4E-9	25.2E-9	844.0E-3	121.7E-3	18.68	-8.5E-9	3.16	14.9E-9	29.2E-9	842.8E-3	119.5E-3	18.68	-6.1E-9
862	3.18	14.9E-9	27.2E-9	846.0E-3	119.9E-3	18.44	-5.2E-9	3.21	16.9E-9	30.0E-9	842.8E-3	118.8E-3	18.46	-5.5E-9
863	3.17	13.3E-9	23.2E-9	847.2E-3	128.2E-3	18.58	-8.2E-9	3.20	14.3E-9	26.0E-9	843.2E-3	126.7E-3	18.59	-6.1E-9
864	3.18	9.5E-9	22.0E-9	846.8E-3	128.8E-3	18.56	-6.6E-9	3.20	14.9E-9	24.4E-9	846.0E-3	126.8E-3	18.52	-7.3E-9
865	3.21	9.7E-9	18.0E-9	846.8E-3	129.3E-3	18.48	-6.3E-9	3.24	15.4E-9	26.8E-9	844.4E-3	127.0E-3	18.49	-6.0E-9
866	3.27	10.2E-9	20.4E-9	846.8E-3	126.4E-3	18.34	-5.2E-9	3.32	13.6E-9	22.4E-9	855.2E-3	124.7E-3	18.18	-4.8E-9
867	3.23	11.3E-9	18.4E-9	847.6E-3	127.2E-3	18.37	1.2E-9	3.27	15.4E-9	22.0E-9	848.8E-3	126.2E-3	18.30	-5.3E-9
868	3.31	10.2E-9	20.8E-9	846.8E-3	124.3E-3	18.25	3.0E-9	3.36	9.2E-9	22.4E-9	846.8E-3	122.3E-3	18.24	-5.4E-9
869	3.17	15.4E-9	25.6E-9	847.2E-3	121.9E-3	18.84	-7.6E-9	3.20	18.4E-9	28.8E-9	850.0E-3	120.1E-3	18.76	-5.8E-9
870	3.26	10.8E-9	20.4E-9	846.4E-3	126.8E-3	18.36	-5.5E-9	3.31	12.3E-9	22.4E-9	850.8E-3	124.4E-3	18.30	-4.8E-9
871	3.16	12.8E-9	24.4E-9	847.6E-3	121.0E-3	18.56	-6.9E-9	3.19	16.9E-9	30.8E-9	850.4E-3	121.0E-3	18.46	-6.4E-9
872	3.18	14.9E-9	24.4E-9	846.8E-3	122.7E-3	18.80	-3.4E-9	3.21	16.6E-9	29.2E-9	850.4E-3	120.6E-3	18.80	-6.7E-9
873	3.22	13.3E-9	27.6E-9	846.4E-3	121.2E-3	18.37	-7.1E-9	3.26	16.4E-9	28.4E-9	848.0E-3	118.3E-3	18.30	-4.8E-9
874	3.15	11.5E-9	26.0E-9	847.2E-3	121.4E-3	18.70	-6.9E-9	3.18	14.3E-9	26.4E-9	852.8E-3	119.6E-3	18.59	-6.6E-9
875	3.19	12.8E-9	26.8E-9	846.4E-3	122.0E-3	18.44	-7.3E-9	3.23	17.9E-9	28.8E-9	845.2E-3	119.5E-3	18.46	-4.2E-9
876	3.20	13.8E-9	26.8E-9	846.4E-3	121.8E-3	18.36	-7.0E-9	3.25	14.3E-9	28.0E-9	846.8E-3	118.7E-3	18.40	-5.6E-9
877	3.18	15.4E-9	26.8E-9	846.4E-3	122.2E-3	18.55	-8.0E-9	3.21	16.4E-9	29.2E-9	843.6E-3	120.2E-3	18.56	-6.1E-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 6701

SN	Initials						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSON 10V	GFS 17.5A	IGSS -30V
1000	3.22	16.7E-9	33.0E-9	851.9E-3	137.8E-3	18.34	231.7E-12
1001	3.20	14.7E-9	37.0E-9	855.6E-3	134.5E-3	18.31	-833.3E-12
1002	3.21	17.4E-9	31.3E-9	851.9E-3	137.0E-3	18.37	-671.9E-12
1003	3.22	12.4E-9	44.8E-9	852.7E-3	133.0E-3	18.30	-1.8E-9
1004	3.21	15.7E-9	36.2E-9	853.8E-3	133.3E-3	18.28	-49.6E-12
1005	3.26	12.4E-9	49.7E-9	856.5E-3	131.8E-3	18.29	-643.8E-12
1006	3.24	14.3E-9	44.1E-9	854.0E-3	132.1E-3	18.22	-1.3E-9
1007	3.25	14.7E-9	37.4E-9	855.6E-3	132.5E-3	18.15	-41.2E-12
1008	3.32	10.4E-9	40.7E-9	853.5E-3	131.1E-3	18.10	1.4E-9
1009	3.27	11.2E-9	37.6E-9	852.1E-3	131.9E-3	18.10	000.0E+0
1010	3.29	12.4E-9	67.0E-9	856.0E-3	131.1E-3	18.18	-49.9E-12
1011	3.20	16.6E-9	47.9E-9	852.6E-3	133.1E-3	18.30	-747.8E-12
1012	3.20	19.3E-9	34.1E-9	854.7E-3	141.0E-3	18.17	-557.6E-12
1013	3.21	15.7E-9	34.9E-9	854.0E-3	133.5E-3	18.22	-782.6E-12
1014	3.20	18.6E-9	38.6E-9	854.9E-3	140.4E-3	18.28	-698.5E-12
1015	3.31	9.2E-9	39.8E-9	854.3E-3	132.0E-3	17.99	-1.2E-9
1016	3.25	11.4E-9	35.8E-9	855.3E-3	142.7E-3	18.27	1.2E-9
1017	3.19	16.1E-9	31.7E-9	853.9E-3	140.2E-3	18.20	1.6E-9
1018	3.21	18.7E-9	30.6E-9	854.9E-3	139.9E-3	18.30	382.4E-12
1019	3.24	17.6E-9	38.4E-9	854.2E-3	141.3E-3	18.24	-702.6E-12
1020	3.19	18.8E-9	38.0E-9	852.0E-3	135.9E-3	18.30	-83.1E-12
1021	3.29	12.9E-9	36.0E-9	855.0E-3	141.5E-3	18.26	-89.2E-12
1022	3.26	9.0E-9	32.4E-9	852.5E-3	142.1E-3	18.21	2.5E-9
1023	3.22	17.6E-9	32.5E-9	855.8E-3	140.2E-3	18.23	-1.1E-9
1024	3.28	12.8E-9	41.9E-9	853.1E-3	142.4E-3	18.20	2.4E-9
1025	3.31	9.9E-9	30.4E-9	855.4E-3	141.5E-3	18.14	-552.2E-12

1000Hr End Points						
VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSON 10V	GFS 17.5A	IGSS -30V
3.23	18.1E-9	40.2E-9	853.7E-3	138.5E-3	18.42	253.7E-12
3.22	15.3E-9	38.2E-9	859.8E-3	134.7E-3	18.42	-994.9E-12
3.22	20.1E-9	35.9E-9	855.2E-3	137.6E-3	18.47	-769.6E-12
3.23	15.4E-9	52.1E-9	854.3E-3	133.4E-3	18.36	-2.3E-9
3.22	17.1E-9	42.0E-9	855.8E-3	133.8E-3	18.33	-57.5E-12
3.27	13.1E-9	61.2E-9	859.8E-3	132.0E-3	18.37	-751.8E-12
3.25	16.4E-9	55.1E-9	858.7E-3	132.6E-3	18.30	-1.4E-9
3.27	17.9E-9	42.5E-9	857.5E-3	132.9E-3	18.20	-47.4E-12
3.32	11.6E-9	42.6E-9	854.7E-3	131.5E-3	18.14	1.7E-9
3.28	13.8E-9	47.2E-9	855.8E-3	132.2E-3	18.15	000.0E+0
3.30	12.8E-9	83.3E-9	857.0E-3	131.7E-3	18.29	-58.8E-12
3.21	17.5E-9	49.6E-9	855.2E-3	133.7E-3	18.33	-805.5E-12
3.21	23.3E-9	42.6E-9	857.7E-3	141.5E-3	18.27	-626.2E-12
3.22	16.2E-9	41.2E-9	856.0E-3	134.1E-3	18.27	-893.9E-12
3.21	21.8E-9	41.1E-9	857.2E-3	141.0E-3	18.31	-710.3E-12
3.32	10.4E-9	46.2E-9	857.7E-3	132.6E-3	18.06	-1.2E-9
3.27	12.1E-9	44.9E-9	857.9E-3	143.2E-3	18.31	1.2E-9
3.20	19.0E-9	39.7E-9	858.5E-3	140.5E-3	18.27	1.7E-9
3.22	23.5E-9	37.1E-9	858.9E-3	140.5E-3	18.33	414.7E-12
3.24	21.8E-9	41.7E-9	856.9E-3	141.6E-3	18.27	-816.2E-12
3.20	20.4E-9	40.8E-9	855.5E-3	136.3E-3	18.37	-93.1E-12
3.31	14.3E-9	45.2E-9	858.0E-3	142.1E-3	18.36	-112.0E-12
3.27	9.1E-9	37.2E-9	854.6E-3	142.7E-3	18.26	3.0E-9
3.23	19.9E-9	33.5E-9	858.9E-3	141.0E-3	18.27	-1.1E-9
3.30	15.2E-9	47.7E-9	853.9E-3	142.6E-3	18.30	2.5E-9
3.32	11.4E-9	36.0E-9	859.0E-3	141.7E-3	18.23	-595.6E-12

Steady State Gate Bias
Mil-Std 750 M 1042-B, 1000hrs, VGS= -24V, 150°C
Lot 6701

SN	Initials						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSON 10V	GFS 17.5A	IGSS -30V
1026	3.29	11.2E-9	40.5E-9	855.8E-3	142.7E-3	18.24	10.4E-9
1027	3.28	12.1E-9	33.5E-9	855.4E-3	142.3E-3	18.21	683.6E-12
1028	3.30	10.8E-9	37.4E-9	852.8E-3	142.2E-3	18.14	971.2E-12
1029	3.26	16.2E-9	30.5E-9	855.1E-3	141.2E-3	18.24	-934.9E-12
1030	3.26	13.2E-9	32.9E-9	855.7E-3	142.9E-3	18.30	177.4E-12
1031	3.25	12.9E-9	34.7E-9	854.4E-3	140.7E-3	18.22	-1.2E-9
1032	3.24	14.4E-9	30.2E-9	854.1E-3	142.5E-3	18.17	241.1E-12
1033	3.27	11.7E-9	34.6E-9	856.0E-3	142.8E-3	18.16	902.7E-12
1034	3.24	19.3E-9	45.9E-9	855.5E-3	133.2E-3	18.09	-185.1E-12
1035	3.26	13.1E-9	36.1E-9	856.0E-3	141.5E-3	18.20	7.6E-9
1036	3.20	17.7E-9	42.4E-9	854.6E-3	133.1E-3	18.16	170.5E-12
1037	3.21	17.6E-9	34.6E-9	855.3E-3	140.2E-3	18.32	1.9E-9
1038	3.26	17.5E-9	45.7E-9	852.2E-3	132.9E-3	18.08	188.9E-12
1039	3.29	14.6E-9	50.8E-9	852.6E-3	132.0E-3	17.99	7.1E-9
1040	3.24	18.1E-9	39.2E-9	855.6E-3	132.1E-3	18.02	6.4E-9
1041	3.23	15.1E-9	32.8E-9	853.7E-3	140.7E-3	18.26	-729.6E-12
1042	3.19	18.2E-9	32.0E-9	854.1E-3	140.0E-3	18.30	-290.5E-12
1043	3.28	16.2E-9	40.8E-9	854.3E-3	132.1E-3	17.98	-374.5E-12
1044	3.22	19.5E-9	38.8E-9	855.2E-3	132.6E-3	18.10	93.4E-12
1045	3.26	20.2E-9	37.0E-9	855.1E-3	132.9E-3	18.06	000.0E+0
1046	3.19	16.8E-9	33.6E-9	854.1E-3	139.7E-3	18.33	-501.7E-12
1047	3.29	18.8E-9	37.6E-9	853.8E-3	131.2E-3	17.96	3.1E-9
1048	3.30	12.8E-9	43.3E-9	853.5E-3	132.3E-3	17.96	-1.3E-9
1049	3.19	17.2E-9	32.8E-9	853.6E-3	138.6E-3	18.30	-1.8E-9
1050	3.19	17.4E-9	27.1E-9	853.9E-3	139.2E-3	18.28	-2.5E-9
1051	3.18	15.1E-9	35.7E-9	855.8E-3	135.3E-3	18.32	-623.3E-12

1000Hr End Points						
VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSON 10V	GFS 17.5A	IGSS -30V
3.30	13.8E-9	46.8E-9	860.5E-3	143.3E-3	18.29	12.3E-9
3.28	14.3E-9	41.2E-9	856.3E-3	142.8E-3	18.25	858.1E-12
3.31	11.7E-9	38.0E-9	854.3E-3	143.0E-3	18.20	1.1E-9
3.27	19.9E-9	34.6E-9	859.9E-3	141.5E-3	18.31	-989.4E-12
3.26	16.4E-9	39.4E-9	858.8E-3	143.3E-3	18.41	222.5E-12
3.26	15.9E-9	38.3E-9	859.2E-3	141.1E-3	18.25	-1.4E-9
3.26	15.3E-9	36.6E-9	857.3E-3	143.0E-3	18.21	284.0E-12
3.27	13.4E-9	43.6E-9	858.7E-3	143.0E-3	18.19	954.1E-12
3.26	21.6E-9	52.7E-9	857.4E-3	133.4E-3	18.16	-189.7E-12
3.27	16.5E-9	37.1E-9	860.9E-3	141.9E-3	18.29	8.4E-9
3.22	18.6E-9	43.5E-9	857.6E-3	133.6E-3	18.22	201.2E-12
3.22	21.5E-9	37.8E-9	857.5E-3	141.0E-3	18.41	1.9E-9
3.27	18.7E-9	50.5E-9	855.9E-3	133.6E-3	18.19	204.7E-12
3.30	15.7E-9	55.5E-9	857.0E-3	132.3E-3	18.03	7.7E-9
3.25	22.6E-9	45.1E-9	856.6E-3	132.3E-3	18.08	7.7E-9
3.24	16.7E-9	37.5E-9	854.9E-3	141.2E-3	18.30	-880.3E-12
3.20	19.0E-9	34.8E-9	857.5E-3	140.6E-3	18.35	-336.4E-12
3.29	18.8E-9	51.0E-9	856.3E-3	132.8E-3	18.06	-415.1E-12
3.24	20.3E-9	44.9E-9	857.2E-3	133.0E-3	18.20	110.2E-12
3.28	24.3E-9	40.9E-9	858.2E-3	133.7E-3	18.16	000.0E+0
3.20	18.4E-9	34.4E-9	858.7E-3	139.9E-3	18.40	-621.2E-12
3.30	19.3E-9	44.0E-9	856.8E-3	131.9E-3	18.00	3.9E-9
3.31	15.7E-9	49.3E-9	858.0E-3	132.5E-3	18.05	-1.5E-9
3.20	20.7E-9	38.0E-9	858.0E-3	139.1E-3	18.39	-2.2E-9
3.20	18.8E-9	30.8E-9	858.4E-3	139.7E-3	18.33	-3.0E-9
3.18	15.9E-9	43.2E-9	857.3E-3	135.7E-3	18.40	-765.8E-12

Steady State Gate Bias
Mil-Std 750 M 1042-B, 1000hrs, VGS= -24V, 150°C
Lot 6701

SN	Initials							1000Hr End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSON 10V	GFS 17.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSON 10V	GFS 17.5A	IGSS -30V
1052	3.25	14.9E-9	51.2E-9	852.8E-3	135.2E-3	18.06	-461.3E-12	3.27	16.4E-9	59.4E-9	854.6E-3	135.6E-3	18.12	-556.1E-12
1053	3.18	20.3E-9	37.7E-9	854.1E-3	137.3E-3	18.23	-294.6E-12	3.18	21.3E-9	43.6E-9	855.9E-3	137.7E-3	18.32	-319.7E-12
1054	3.23	14.4E-9	37.2E-9	854.9E-3	139.9E-3	18.18	000.0E+0	3.24	16.0E-9	43.9E-9	859.6E-3	140.1E-3	18.20	000.0E+0
1055	3.23	18.0E-9	44.1E-9	852.9E-3	133.8E-3	18.07	-526.1E-12	3.23	22.3E-9	48.2E-9	854.1E-3	134.5E-3	18.16	-610.0E-12
1056	3.25	21.4E-9	44.6E-9	855.4E-3	133.0E-3	18.05	-1.6E-9	3.26	22.4E-9	48.6E-9	859.5E-3	133.4E-3	18.11	-1.7E-9
1057	3.18	15.7E-9	34.8E-9	854.8E-3	134.3E-3	18.27	392.1E-12	3.20	19.5E-9	40.2E-9	859.3E-3	134.7E-3	18.30	408.3E-12
1058	3.24	16.2E-9	37.6E-9	852.5E-3	132.9E-3	18.09	-488.8E-12	3.25	18.9E-9	45.9E-9	856.8E-3	133.3E-3	18.12	-532.8E-12
1059	3.26	16.7E-9	33.1E-9	855.3E-3	141.3E-3	18.15	4.7E-9	3.26	17.2E-9	37.1E-9	857.7E-3	141.7E-3	18.24	5.1E-9
1060	3.23	20.8E-9	42.1E-9	853.4E-3	133.4E-3	18.09	-271.5E-12	3.23	25.0E-9	50.2E-9	855.9E-3	133.8E-3	18.13	-307.5E-12
1061	3.25	14.9E-9	33.2E-9	853.7E-3	141.3E-3	18.11	6.2E-9	3.26	17.9E-9	34.1E-9	856.9E-3	141.6E-3	18.21	7.1E-9
1062	3.22	18.3E-9	43.3E-9	853.0E-3	133.5E-3	18.18	-563.7E-12	3.22	21.7E-9	46.1E-9	857.0E-3	133.9E-3	18.24	-666.2E-12
1063	3.24	12.5E-9	35.6E-9	852.1E-3	141.7E-3	18.11	-1.4E-9	3.26	13.5E-9	41.7E-9	853.2E-3	142.5E-3	18.20	-1.6E-9
1064	3.27	15.8E-9	31.9E-9	854.0E-3	145.3E-3	18.28	3.4E-9	3.29	18.9E-9	37.3E-9	856.0E-3	146.2E-3	18.38	4.0E-9
1065	3.22	17.0E-9	38.4E-9	853.3E-3	137.6E-3	18.14	-2.5E-9	3.22	19.3E-9	39.6E-9	857.7E-3	138.3E-3	18.19	-2.7E-9
1066	3.29	16.4E-9	41.4E-9	854.0E-3	142.4E-3	17.96	-679.7E-12	3.31	18.0E-9	43.1E-9	858.9E-3	143.2E-3	17.98	-706.4E-12
1067	3.23	20.3E-9	37.1E-9	854.7E-3	136.9E-3	18.29	-23.7E-9	3.23	21.6E-9	44.7E-9	856.8E-3	137.6E-3	18.36	-29.7E-9
1068	3.32	10.9E-9	36.0E-9	854.9E-3	141.4E-3	17.97	-181.6E-12	3.34	12.1E-9	38.4E-9	858.9E-3	142.0E-3	18.03	-200.0E-12
1069	3.34	12.7E-9	41.8E-9	856.1E-3	141.2E-3	17.99	-974.0E-12	3.35	14.6E-9	51.7E-9	858.4E-3	141.4E-3	18.02	-1.1E-9
1070	3.27	14.6E-9	91.6E-9	854.0E-3	143.8E-3	18.24	290.5E-12	3.28	15.0E-9	99.9E-9	856.8E-3	144.5E-3	18.29	294.8E-12
1071	3.35	11.4E-9	40.4E-9	854.0E-3	141.9E-3	17.90	000.0E+0	3.35	13.7E-9	44.9E-9	855.5E-3	142.6E-3	17.96	000.0E+0
1072	3.25	15.4E-9	191.0E-9	855.9E-3	142.7E-3	18.11	-537.4E-12	3.27	17.7E-9	216.5E-9	857.8E-3	143.3E-3	18.20	-605.4E-12
1073	3.24	15.7E-9	28.4E-9	855.7E-3	142.3E-3	18.30	529.6E-12	3.26	19.3E-9	33.1E-9	858.4E-3	142.5E-3	18.33	666.4E-12
1074	3.30	14.3E-9	35.4E-9	852.1E-3	136.6E-3	18.29	1.6E-9	3.30	16.0E-9	44.5E-9	854.7E-3	137.1E-3	18.38	2.0E-9
1075	3.23	15.1E-9	34.6E-9	851.0E-3	139.0E-3	18.18	-210.7E-12	3.24	17.4E-9	42.2E-9	854.9E-3	139.6E-3	18.23	-251.0E-12
1076	3.28	17.5E-9	32.1E-9	853.0E-3	135.7E-3	18.38	-2.1E-9	3.29	18.4E-9	39.6E-9	854.7E-3	136.5E-3	18.47	-2.7E-9

Steady State Gate Bias
Mil-Std 750 M 1042-B, 1000hrs, VGS= -24V, 150°C
Lot 6608

SN	Initials						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSON 10V	GFS 17.5A	IGSS -30V
1080	3.45	19.6E-9	22.3E-9	859.1E-3	134.8E-3	18.18	-1.3E-9
1081	3.49	15.8E-9	21.1E-9	862.2E-3	133.9E-3	18.31	-546.2E-12
1082	3.47	17.3E-9	22.1E-9	862.1E-3	133.3E-3	18.30	-1.3E-9
1083	3.50	13.0E-9	22.5E-9	863.7E-3	132.4E-3	18.04	49.8E-12
1084	3.50	13.7E-9	21.8E-9	859.1E-3	132.5E-3	18.20	2.8E-9
1085	3.55	12.7E-9	33.7E-9	860.3E-3	131.5E-3	18.75	9.1E-9
1086	3.52	13.6E-9	24.3E-9	858.7E-3	132.2E-3	18.31	6.3E-9
1087	3.19	14.0E-9	19.7E-9	863.8E-3	132.3E-3	21.28	-670.4E-12
1088	3.30	12.1E-9	23.4E-9	859.5E-3	130.7E-3	20.07	-1.0E-9
1089	3.52	11.1E-9	22.2E-9	857.1E-3	131.9E-3	19.14	-1.4E-9
1090	3.51	13.3E-9	21.0E-9	857.4E-3	132.0E-3	18.56	320.3E-12
1091	3.55	14.4E-9	23.9E-9	856.0E-3	132.2E-3	18.63	-82.4E-12
1092	3.49	19.0E-9	23.3E-9	859.0E-3	132.8E-3	18.71	4.0E-9
1093	3.51	14.0E-9	24.2E-9	863.6E-3	132.1E-3	18.64	2.0E-9
1094	3.46	17.8E-9	21.5E-9	860.7E-3	132.4E-3	18.42	1.7E-9
1095	3.46	9.4E-9	21.3E-9	862.1E-3	132.7E-3	18.47	2.9E-9
1096	3.16	10.5E-9	19.8E-9	860.5E-3	137.9E-3	21.17	-384.3E-12
1097	3.16	17.3E-9	20.6E-9	856.2E-3	140.4E-3	21.16	-843.0E-12
1098	3.21	19.2E-9	22.2E-9	856.5E-3	139.0E-3	19.74	339.9E-12
1099	3.13	17.4E-9	22.2E-9	860.5E-3	138.6E-3	20.88	465.6E-12
1100	3.45	16.8E-9	19.0E-9	861.2E-3	138.0E-3	18.78	-496.5E-12
1101	3.36	12.2E-9	23.7E-9	858.3E-3	139.7E-3	18.99	-340.6E-12
1102	3.42	9.7E-9	22.3E-9	859.3E-3	137.6E-3	18.68	-526.6E-12
1103	3.41	15.4E-9	22.9E-9	859.7E-3	137.4E-3	18.72	-278.9E-12
1104	3.44	15.4E-9	20.8E-9	860.3E-3	136.4E-3	18.60	-17.5E-9
1105	3.41	8.4E-9	22.8E-9	861.6E-3	136.7E-3	18.64	-4.8E-9

1000Hr End Points						
VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSON 10V	GFS 17.5A	IGSS -30V
3.47	21.5E-9	25.4E-9	861.7E-3	135.2E-3	18.20	-1.5E-9
3.51	18.9E-9	25.9E-9	863.2E-3	134.4E-3	18.38	-621.1E-12
3.49	21.1E-9	22.5E-9	863.6E-3	133.6E-3	18.36	-1.6E-9
3.52	14.4E-9	26.3E-9	867.0E-3	133.2E-3	18.11	53.3E-12
3.52	14.7E-9	23.1E-9	863.2E-3	133.1E-3	18.27	3.4E-9
3.56	15.2E-9	34.2E-9	862.5E-3	131.8E-3	18.83	10.8E-9
3.53	16.4E-9	28.6E-9	863.0E-3	132.6E-3	18.36	6.8E-9
3.21	14.2E-9	22.9E-9	868.5E-3	132.5E-3	21.40	-785.0E-12
3.31	12.2E-9	25.3E-9	862.2E-3	131.2E-3	20.15	-1.3E-9
3.53	13.1E-9	26.6E-9	861.6E-3	132.1E-3	19.16	-1.6E-9
3.52	15.2E-9	24.6E-9	860.8E-3	132.7E-3	18.62	344.8E-12
3.57	17.5E-9	28.5E-9	857.8E-3	132.8E-3	18.73	-98.5E-12
3.50	20.6E-9	26.2E-9	860.9E-3	133.4E-3	18.79	4.2E-9
3.51	14.6E-9	26.0E-9	868.6E-3	132.4E-3	18.70	2.3E-9
3.47	20.1E-9	23.9E-9	865.3E-3	132.7E-3	18.50	1.8E-9
3.47	11.4E-9	21.9E-9	864.0E-3	133.2E-3	18.54	3.4E-9
3.16	13.0E-9	23.6E-9	863.5E-3	138.7E-3	21.21	-429.9E-12
3.17	21.3E-9	21.4E-9	861.3E-3	141.0E-3	21.19	-959.2E-12
3.22	21.0E-9	25.3E-9	858.4E-3	139.7E-3	19.83	371.0E-12
3.14	21.5E-9	25.3E-9	864.4E-3	139.4E-3	20.93	470.4E-12
3.46	20.7E-9	22.9E-9	864.1E-3	138.2E-3	18.81	-502.9E-12
3.37	13.5E-9	29.5E-9	861.5E-3	140.3E-3	19.06	-417.5E-12
3.43	10.1E-9	24.7E-9	862.7E-3	138.4E-3	18.71	-616.1E-12
3.43	15.9E-9	28.5E-9	861.0E-3	137.6E-3	18.80	-296.8E-12
3.44	15.6E-9	24.3E-9	863.8E-3	136.7E-3	18.68	-20.9E-9
3.42	9.6E-9	24.0E-9	865.0E-3	136.9E-3	18.73	-5.4E-9

Steady State Gate Bias
Mil-Std 750 M 1042-B, 1000hrs, VGS= -24V, 150°C
Lot 6608

SN	Initials							1000Hr End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSON 10V	GFS 17.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSON 10V	GFS 17.5A	IGSS -30V
1106	3.44	9.4E-9	22.2E-9	862.9E-3	134.7E-3	18.40	2.7E-9	3.45	10.1E-9	27.7E-9	866.5E-3	135.0E-3	18.48	2.8E-9
1107	3.43	10.6E-9	22.1E-9	855.8E-3	135.7E-3	18.45	-599.1E-12	3.45	10.8E-9	26.6E-9	858.5E-3	136.3E-3	18.55	-731.1E-12
1108	3.44	12.8E-9	22.1E-9	857.3E-3	134.6E-3	18.25	-408.2E-12	3.45	13.0E-9	26.7E-9	859.9E-3	135.0E-3	18.33	-453.2E-12
1109	3.45	15.5E-9	20.9E-9	862.8E-3	136.1E-3	18.20	-364.4E-12	3.47	19.1E-9	25.5E-9	866.3E-3	136.7E-3	18.26	-445.9E-12
1110	3.47	12.3E-9	19.6E-9	859.5E-3	134.0E-3	18.18	-135.4E-12	3.48	14.8E-9	22.6E-9	861.9E-3	134.8E-3	18.21	-152.6E-12
1111	3.46	13.7E-9	20.4E-9	860.8E-3	134.4E-3	18.26	-2.1E-9	3.47	16.6E-9	25.3E-9	865.2E-3	135.0E-3	18.30	-2.3E-9
1112	3.46	14.7E-9	20.6E-9	859.7E-3	134.1E-3	18.37	1.1E-9	3.47	16.2E-9	24.0E-9	863.1E-3	134.3E-3	18.47	1.3E-9
1113	3.46	11.7E-9	19.1E-9	860.0E-3	133.4E-3	18.25	-1.2E-9	3.47	14.7E-9	21.2E-9	864.2E-3	133.6E-3	18.36	-1.2E-9
1114	3.44	18.9E-9	132.2E-9	857.9E-3	132.4E-3	18.73	-2.7E-9	3.46	21.9E-9	140.0E-9	859.0E-3	133.0E-3	18.78	-2.8E-9
1115	3.46	13.6E-9	22.9E-9	857.1E-3	133.1E-3	18.56	-419.4E-12	3.47	16.0E-9	26.7E-9	858.5E-3	133.7E-3	18.63	-430.8E-12
1116	3.41	18.7E-9	19.1E-9	856.3E-3	140.7E-3	18.28	-448.5E-12	3.43	23.5E-9	24.1E-9	860.3E-3	141.5E-3	18.31	-516.8E-12
1117	3.44	18.0E-9	16.6E-9	858.9E-3	141.0E-3	18.25	-1.8E-9	3.46	20.0E-9	19.8E-9	864.0E-3	141.4E-3	18.31	-2.2E-9
1118	3.60	16.3E-9	24.6E-9	862.2E-3	137.5E-3	18.15	-923.0E-12	3.62	20.4E-9	27.8E-9	865.5E-3	137.9E-3	18.18	-990.5E-12
1119	3.67	15.3E-9	25.5E-9	859.9E-3	138.2E-3	18.76	-284.6E-12	3.68	18.5E-9	26.1E-9	863.0E-3	138.6E-3	18.86	-303.4E-12
1120	3.63	21.7E-9	27.6E-9	864.3E-3	138.0E-3	18.12	-409.4E-12	3.63	22.2E-9	28.9E-9	868.0E-3	138.3E-3	18.22	-492.2E-12
1121	3.60	15.5E-9	28.6E-9	857.5E-3	137.5E-3	18.26	-668.0E-12	3.62	18.9E-9	29.4E-9	861.4E-3	137.9E-3	18.34	-759.7E-12
1122	3.63	18.2E-9	25.7E-9	862.9E-3	138.1E-3	18.41	1.5E-9	3.65	21.7E-9	31.3E-9	864.8E-3	138.7E-3	18.50	1.6E-9
1123	3.56	15.5E-9	28.7E-9	863.1E-3	136.5E-3	18.40	132.2E-12	3.57	18.1E-9	33.0E-9	865.2E-3	136.7E-3	18.47	145.1E-12
1124	3.58	19.1E-9	24.9E-9	859.3E-3	137.4E-3	18.31	2.0E-9	3.60	22.0E-9	28.0E-9	860.2E-3	138.0E-3	18.37	2.1E-9
1125	3.56	18.8E-9	25.1E-9	856.4E-3	136.7E-3	18.50	176.5E-12	3.56	19.2E-9	30.6E-9	859.8E-3	137.2E-3	18.54	178.4E-12
1126	3.57	15.9E-9	23.3E-9	857.4E-3	135.8E-3	18.32	-820.4E-12	3.59	18.9E-9	26.5E-9	862.1E-3	136.6E-3	18.34	-934.3E-12
1127	3.49	19.8E-9	19.1E-9	862.5E-3	139.4E-3	18.02	1.2E-9	3.50	24.1E-9	20.8E-9	865.5E-3	139.9E-3	18.09	1.3E-9
1128	3.51	12.5E-9	17.7E-9	857.5E-3	139.9E-3	18.01	1.1E-9	3.52	13.4E-9	18.7E-9	859.6E-3	140.5E-3	18.05	1.2E-9
1129	3.48	19.9E-9	16.6E-9	856.7E-3	138.9E-3	18.00	-1.2E-9	3.49	24.4E-9	20.3E-9	858.3E-3	139.6E-3	18.09	-1.5E-9
1130	3.54	20.4E-9	22.3E-9	857.7E-3	141.1E-3	18.09	-1.3E-9	3.56	23.7E-9	23.0E-9	858.7E-3	141.3E-3	18.15	-1.5E-9
1131	3.53	16.3E-9	19.5E-9	861.8E-3	139.6E-3	18.06	-136.6E-12	3.54	17.1E-9	21.4E-9	862.6E-3	139.9E-3	18.10	-163.4E-12

Steady State Gate Bias
Mil-Std 750 M 1042-B, 1000hrs, VGS= -24V, 150°C
Lot 6608

SN	Initials							1000Hr End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSON 10V	GFS 17.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSON 10V	GFS 17.5A	IGSS -30V
1132	3.59	15.5E-9	18.7E-9	862.0E-3	141.7E-3	18.15	4.1E-9	3.61	18.6E-9	20.1E-9	863.7E-3	141.9E-3	18.21	4.4E-9
1133	3.54	19.5E-9	18.3E-9	863.0E-3	141.2E-3	17.94	000.0E+0	3.55	23.5E-9	22.8E-9	867.8E-3	141.6E-3	17.96	000.0E+0
1134	3.56	14.2E-9	18.8E-9	857.9E-3	141.0E-3	17.96	-238.1E-12	3.58	17.2E-9	20.4E-9	861.0E-3	141.8E-3	18.01	-265.2E-12
1135	3.51	17.7E-9	17.1E-9	856.7E-3	141.1E-3	17.97	-332.5E-12	3.52	19.4E-9	20.9E-9	859.3E-3	141.7E-3	18.02	-337.5E-12
1136	3.51	20.0E-9	17.8E-9	859.6E-3	141.0E-3	18.06	-49.4E-12	3.53	22.4E-9	19.4E-9	861.9E-3	141.2E-3	18.11	-61.4E-12
1137	3.47	17.5E-9	20.8E-9	857.9E-3	140.6E-3	18.09	1.1E-9	3.47	18.6E-9	22.1E-9	860.9E-3	141.4E-3	18.17	1.2E-9
1138	3.48	18.0E-9	29.1E-9	860.1E-3	140.9E-3	18.00	594.9E-12	3.49	20.9E-9	32.5E-9	861.3E-3	141.5E-3	18.06	692.5E-12
1139	3.48	17.5E-9	19.5E-9	863.2E-3	137.5E-3	18.03	-94.2E-12	3.49	19.3E-9	23.1E-9	867.0E-3	137.8E-3	18.06	-114.2E-12
1140	3.47	21.7E-9	20.2E-9	861.4E-3	138.4E-3	18.13	-94.6E-12	3.49	22.6E-9	25.0E-9	862.3E-3	138.8E-3	18.21	-107.6E-12
1141	3.49	13.9E-9	18.9E-9	859.4E-3	136.1E-3	18.09	-166.9E-12	3.50	16.1E-9	20.5E-9	864.5E-3	136.4E-3	18.11	-204.2E-12
1142	3.48	18.1E-9	18.3E-9	863.0E-3	136.4E-3	18.10	-722.5E-12	3.48	18.4E-9	22.0E-9	865.2E-3	136.8E-3	18.12	-802.0E-12
1143	3.52	14.5E-9	21.5E-9	857.0E-3	134.9E-3	18.03	-246.7E-12	3.53	17.1E-9	22.9E-9	860.6E-3	135.3E-3	18.07	-295.1E-12
1144	3.51	15.9E-9	18.1E-9	863.7E-3	135.5E-3	18.02	-712.2E-12	3.53	17.0E-9	20.5E-9	865.7E-3	135.6E-3	18.08	-737.4E-12
1145	3.48	19.2E-9	21.1E-9	863.1E-3	132.4E-3	18.01	-1.1E-9	3.49	23.7E-9	23.6E-9	867.0E-3	133.1E-3	18.06	-1.2E-9
1146	3.48	14.0E-9	26.1E-9	858.4E-3	133.3E-3	18.03	-1.1E-9	3.48	17.4E-9	27.8E-9	862.9E-3	134.0E-3	18.12	-1.1E-9
1147	3.50	17.7E-9	24.0E-9	859.3E-3	131.3E-3	17.91	-290.5E-12	3.51	20.3E-9	26.3E-9	862.2E-3	131.7E-3	17.97	-359.9E-12
1148	3.50	13.5E-9	20.0E-9	859.0E-3	131.6E-3	18.06	-580.8E-12	3.51	14.7E-9	24.2E-9	861.2E-3	132.3E-3	18.14	-637.7E-12
1149	3.54	12.7E-9	26.1E-9	859.8E-3	130.9E-3	18.08	-539.5E-12	3.55	14.2E-9	27.8E-9	860.9E-3	131.4E-3	18.15	-554.0E-12
1150	3.53	12.7E-9	24.2E-9	859.4E-3	130.9E-3	17.95	-849.4E-12	3.54	13.7E-9	26.4E-9	861.7E-3	131.5E-3	18.03	-1.1E-9
1151	3.56	11.0E-9	24.2E-9	862.4E-3	130.7E-3	18.07	-89.2E-12	3.57	13.6E-9	30.4E-9	864.2E-3	131.4E-3	18.15	-108.1E-12
1152	3.58	13.0E-9	25.1E-9	860.3E-3	129.5E-3	18.57	140.5E-12	3.59	13.7E-9	28.4E-9	864.8E-3	129.9E-3	18.66	168.5E-12
1153	3.52	13.1E-9	21.4E-9	858.5E-3	131.4E-3	17.92	-49.4E-12	3.54	14.2E-9	25.9E-9	862.9E-3	131.9E-3	18.02	-61.1E-12
1154	3.51	13.4E-9	23.5E-9	857.5E-3	132.0E-3	17.99	-692.2E-12	3.53	14.4E-9	28.9E-9	860.0E-3	132.2E-3	18.09	-831.8E-12
1155	3.48	15.5E-9	24.4E-9	864.0E-3	132.9E-3	18.02	-336.5E-12	3.49	19.5E-9	27.5E-9	868.2E-3	133.1E-3	18.12	-367.0E-12
1156	3.48	15.5E-9	20.8E-9	857.1E-3	132.6E-3	18.07	-743.0E-12	3.49	19.1E-9	21.7E-9	861.9E-3	133.3E-3	18.09	-889.8E-12

Steady State Gate Bias
Mil-Std 750 M 1042-B, 1000hrs, VGS= -24V, 150°C
Lot 6700

SN	Initials							1000Hr End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSOn 10V	GFS 17.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSOn 10V	GFS 17.5A	IGSS -30V
1160	3.18	16.7E-9	23.7E-9	856.9E-3	125.8E-3	18.72	-8.3E-9	3.19	17.6E-9	29.4E-9	859.1E-3	126.3E-3	18.77	-9.4E-9
1161	3.24	15.4E-9	22.5E-9	854.6E-3	122.3E-3	18.73	-9.7E-9	3.25	16.1E-9	24.0E-9	857.1E-3	122.9E-3	18.79	-12.1E-9
1162	3.21	19.1E-9	20.1E-9	856.8E-3	122.9E-3	18.92	-3.9E-9	3.22	19.3E-9	21.4E-9	860.3E-3	123.4E-3	19.01	-4.4E-9
1163	3.26	11.1E-9	19.3E-9	861.4E-3	120.4E-3	18.83	5.6E-9	3.27	11.6E-9	20.4E-9	866.4E-3	120.7E-3	18.92	6.0E-9
1164	3.26	14.5E-9	22.6E-9	855.4E-3	121.5E-3	18.81	-7.5E-9	3.27	15.9E-9	25.0E-9	859.8E-3	121.7E-3	18.84	-9.1E-9
1165	3.23	13.3E-9	28.1E-9	859.2E-3	121.8E-3	18.81	-6.0E-9	3.25	13.6E-9	35.0E-9	860.5E-3	122.2E-3	18.84	-6.1E-9
1166	3.24	15.7E-9	19.9E-9	863.1E-3	126.7E-3	18.99	-3.5E-9	3.25	17.8E-9	24.2E-9	867.7E-3	127.3E-3	19.10	-4.3E-9
1167	3.20	12.5E-9	19.9E-9	855.5E-3	125.6E-3	18.89	-9.0E-9	3.21	13.2E-9	23.8E-9	859.1E-3	126.1E-3	18.93	-11.3E-9
1168	3.24	10.4E-9	20.9E-9	857.2E-3	128.3E-3	18.74	-7.5E-9	3.25	10.6E-9	23.6E-9	859.4E-3	129.0E-3	18.76	-8.2E-9
1169	3.23	11.8E-9	22.2E-9	855.2E-3	126.7E-3	18.95	-6.8E-9	3.25	14.7E-9	23.9E-9	857.0E-3	127.4E-3	19.02	-7.4E-9
1170	3.35	12.0E-9	20.6E-9	863.1E-3	125.4E-3	18.62	-7.3E-9	3.36	12.5E-9	24.4E-9	865.3E-3	125.6E-3	18.67	-8.8E-9
1171	3.22	16.3E-9	21.2E-9	859.5E-3	127.7E-3	18.78	-8.8E-9	3.22	17.9E-9	24.7E-9	861.5E-3	128.2E-3	18.80	-9.7E-9
1172	3.33	16.7E-9	22.2E-9	858.3E-3	126.1E-3	18.54	-7.4E-9	3.34	17.2E-9	25.1E-9	863.3E-3	126.3E-3	18.64	-9.2E-9
1173	3.33	13.0E-9	23.4E-9	860.3E-3	127.2E-3	18.61	-2.3E-9	3.34	16.0E-9	25.9E-9	862.7E-3	127.7E-3	18.67	-2.3E-9
1174	3.24	20.7E-9	20.3E-9	855.5E-3	127.2E-3	18.81	817.4E-12	3.25	23.2E-9	24.4E-9	858.2E-3	127.8E-3	18.87	911.7E-12
1175	3.25	9.3E-9	24.6E-9	860.7E-3	126.5E-3	18.78	-7.5E-9	3.26	9.9E-9	27.3E-9	864.5E-3	126.6E-3	18.89	-7.6E-9
1176	3.23	10.4E-9	22.9E-9	861.9E-3	125.5E-3	18.45	-7.0E-9	3.24	11.3E-9	23.8E-9	865.1E-3	126.1E-3	18.49	-7.5E-9
1177	3.24	18.5E-9	21.8E-9	858.4E-3	127.0E-3	18.72	-7.5E-9	3.25	20.6E-9	23.2E-9	860.5E-3	127.4E-3	18.77	-8.1E-9
1178	3.25	19.2E-9	23.3E-9	857.5E-3	125.4E-3	18.26	-6.1E-9	3.25	22.7E-9	26.9E-9	860.5E-3	125.5E-3	18.36	-6.8E-9
1179	3.27	15.2E-9	25.2E-9	863.3E-3	124.3E-3	18.35	-3.4E-9	3.29	18.2E-9	31.4E-9	865.2E-3	124.8E-3	18.41	-4.1E-9
1180	3.28	15.9E-9	21.7E-9	857.5E-3	124.1E-3	18.37	-7.2E-9	3.29	19.5E-9	22.2E-9	859.8E-3	124.3E-3	18.45	-8.4E-9
1181	3.31	13.6E-9	23.6E-9	861.4E-3	124.3E-3	18.29	-6.3E-9	3.32	15.3E-9	24.4E-9	862.9E-3	124.6E-3	18.34	-7.4E-9
1182	3.22	10.6E-9	20.7E-9	861.0E-3	125.6E-3	18.30	-7.2E-9	3.23	11.6E-9	23.6E-9	863.4E-3	126.3E-3	18.35	-7.7E-9
1183	3.22	15.6E-9	20.1E-9	859.6E-3	126.5E-3	18.42	-7.4E-9	3.24	17.7E-9	24.8E-9	863.1E-3	126.8E-3	18.52	-9.1E-9
1184	3.21	14.3E-9	22.0E-9	857.3E-3	126.3E-3	18.41	-8.6E-9	3.23	16.8E-9	25.9E-9	860.7E-3	126.6E-3	18.49	-8.7E-9
1185	3.23	9.9E-9	21.3E-9	856.1E-3	127.0E-3	18.32	-4.2E-9	3.24	10.6E-9	22.7E-9	857.5E-3	127.6E-3	18.39	-5.1E-9

Steady State Gate Bias
Mil-Std 750 M 1042-B, 1000hrs, VGS= -24V, 150°C
Lot 6700

SN	Initials							1000Hr End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSON 10V	GFS 17.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSON 10V	GFS 17.5A	IGSS -30V
1186	3.23	11.6E-9	25.6E-9	856.7E-3	120.8E-3	18.68	-7.9E-9	3.24	13.4E-9	26.5E-9	861.1E-3	120.9E-3	18.75	-8.9E-9
1187	3.23	10.1E-9	21.6E-9	862.9E-3	127.6E-3	18.53	-7.6E-9	3.24	10.5E-9	23.9E-9	867.3E-3	128.1E-3	18.59	-8.5E-9
1188	3.25	10.5E-9	22.7E-9	860.7E-3	120.4E-3	18.88	-6.9E-9	3.27	11.1E-9	23.9E-9	862.7E-3	120.7E-3	18.96	-7.6E-9
1189	3.24	16.1E-9	19.5E-9	860.1E-3	129.7E-3	18.42	-7.3E-9	3.26	19.0E-9	24.3E-9	865.2E-3	130.4E-3	18.45	-7.8E-9
1190	3.28	12.5E-9	19.8E-9	856.9E-3	120.9E-3	18.68	-8.1E-9	3.30	15.1E-9	23.7E-9	859.7E-3	121.2E-3	18.79	-9.0E-9
1191	3.24	13.2E-9	21.4E-9	858.9E-3	120.4E-3	18.62	-7.0E-9	3.25	14.9E-9	25.3E-9	861.7E-3	120.8E-3	18.65	-7.3E-9
1192	3.25	14.0E-9	23.7E-9	858.7E-3	121.9E-3	18.84	-9.2E-9	3.26	16.6E-9	27.2E-9	862.8E-3	122.5E-3	18.87	-10.5E-9
1193	3.19	12.7E-9	23.3E-9	857.1E-3	121.3E-3	18.84	-9.0E-9	3.19	13.8E-9	27.2E-9	861.4E-3	121.7E-3	18.87	-10.7E-9
1194	3.22	18.4E-9	129.8E-9	858.3E-3	123.0E-3	18.92	-7.8E-9	3.23	20.7E-9	145.1E-9	861.5E-3	123.1E-3	19.00	-8.4E-9
1195	3.23	11.8E-9	21.4E-9	857.5E-3	123.2E-3	18.91	-9.1E-9	3.23	14.0E-9	22.9E-9	859.5E-3	123.3E-3	18.95	-10.1E-9
1196	3.20	15.7E-9	20.3E-9	854.9E-3	127.1E-3	19.03	-7.0E-9	3.22	16.1E-9	23.2E-9	856.5E-3	127.6E-3	19.11	-7.4E-9
1197	3.22	15.7E-9	18.7E-9	856.4E-3	125.9E-3	19.02	-7.4E-9	3.23	17.3E-9	19.2E-9	859.2E-3	126.3E-3	19.05	-9.0E-9
1198	3.19	16.2E-9	24.1E-9	862.7E-3	123.7E-3	19.02	-6.9E-9	3.20	19.9E-9	28.9E-9	863.8E-3	124.2E-3	19.09	-7.4E-9
1199	3.21	13.7E-9	25.6E-9	856.6E-3	122.0E-3	18.87	-6.1E-9	3.22	16.4E-9	31.6E-9	860.6E-3	122.5E-3	18.94	-6.5E-9
1200	3.21	18.4E-9	25.7E-9	855.0E-3	121.6E-3	18.80	-7.0E-9	3.22	18.8E-9	29.3E-9	858.9E-3	122.0E-3	18.88	-7.6E-9
1201	3.21	13.9E-9	29.1E-9	861.8E-3	128.8E-3	18.78	-4.2E-9	3.22	17.4E-9	31.3E-9	862.8E-3	129.2E-3	18.86	-5.1E-9
1202	3.18	17.6E-9	27.2E-9	856.2E-3	130.2E-3	18.98	-8.1E-9	3.19	19.0E-9	31.5E-9	860.8E-3	131.0E-3	19.04	-8.6E-9
1203	3.16	16.4E-9	28.0E-9	861.4E-3	128.0E-3	18.97	-3.8E-9	3.17	20.3E-9	30.6E-9	865.2E-3	128.7E-3	19.04	-4.2E-9
1204	3.21	18.0E-9	26.1E-9	859.1E-3	121.1E-3	18.77	-4.3E-9	3.23	19.3E-9	27.5E-9	860.3E-3	121.8E-3	18.83	-4.8E-9
1205	3.20	18.2E-9	24.3E-9	859.9E-3	121.8E-3	18.93	-6.7E-9	3.21	20.3E-9	28.9E-9	863.1E-3	122.5E-3	18.99	-7.3E-9
1206	3.20	18.2E-9	27.9E-9	860.4E-3	120.8E-3	18.79	-9.2E-9	3.22	21.3E-9	31.8E-9	863.0E-3	121.5E-3	18.89	-11.2E-9
1207	3.24	19.4E-9	22.5E-9	856.5E-3	120.6E-3	18.81	-7.5E-9	3.25	24.3E-9	27.8E-9	860.8E-3	121.2E-3	18.90	-9.4E-9
1208	3.23	10.4E-9	20.3E-9	856.3E-3	120.8E-3	18.58	-8.1E-9	3.25	11.0E-9	24.8E-9	861.1E-3	121.1E-3	18.68	-9.5E-9
1209	3.31	20.3E-9	17.6E-9	857.4E-3	121.2E-3	18.49	-4.5E-9	3.32	24.4E-9	18.1E-9	860.6E-3	121.7E-3	18.56	-5.2E-9
1210	3.31	16.6E-9	18.7E-9	862.4E-3	121.8E-3	18.63	-8.4E-9	3.31	19.0E-9	19.9E-9	865.4E-3	122.5E-3	18.70	-9.9E-9
1211	3.31	15.6E-9	18.5E-9	860.9E-3	121.0E-3	18.59	-7.2E-9	3.32	15.8E-9	22.2E-9	863.2E-3	121.7E-3	18.62	-8.7E-9

Steady State Gate Bias
Mil-Std 750 M 1042-B, 1000hrs, VGS= -24V, 150°C
Lot 6700

SN	Initials							1000Hr End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSON 10V	GFS 17.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSON 10V	GFS 17.5A	IGSS -30V
1212	3.28	16.8E-9	19.1E-9	857.4E-3	123.2E-3	18.56	-7.4E-9	3.29	19.7E-9	21.0E-9	858.4E-3	123.4E-3	18.64	-8.2E-9
1213	3.25	19.4E-9	18.4E-9	862.7E-3	120.8E-3	18.57	-7.9E-9	3.26	20.4E-9	19.5E-9	866.5E-3	121.1E-3	18.61	-8.5E-9
1214	3.29	13.6E-9	18.3E-9	856.5E-3	119.7E-3	18.63	-7.0E-9	3.31	16.9E-9	21.2E-9	860.0E-3	119.9E-3	18.69	-8.6E-9
1215	3.28	18.3E-9	20.9E-9	862.4E-3	121.5E-3	18.67	-7.9E-9	3.29	22.5E-9	23.7E-9	863.7E-3	122.1E-3	18.73	-8.5E-9
1216	3.22	21.0E-9	17.2E-9	861.9E-3	120.8E-3	18.73	-8.0E-9	3.23	26.1E-9	20.6E-9	867.0E-3	121.5E-3	18.80	-8.6E-9
1217	3.25	17.2E-9	19.4E-9	858.6E-3	120.7E-3	18.70	-7.9E-9	3.26	20.1E-9	20.8E-9	862.1E-3	121.0E-3	18.73	-8.9E-9
1218	3.18	16.7E-9	34.3E-9	856.9E-3	123.3E-3	18.96	-9.3E-9	3.19	20.1E-9	35.7E-9	861.0E-3	123.6E-3	19.04	-10.9E-9
1219	3.29	17.1E-9	19.1E-9	861.5E-3	119.8E-3	18.75	-4.3E-9	3.29	19.5E-9	21.2E-9	864.5E-3	120.2E-3	18.83	-5.1E-9
1220	3.17	17.6E-9	22.4E-9	854.1E-3	123.9E-3	18.93	-10.0E-9	3.19	20.1E-9	23.3E-9	856.1E-3	124.2E-3	19.04	-11.9E-9
1221	3.23	16.2E-9	19.3E-9	858.3E-3	122.2E-3	18.65	-6.3E-9	3.24	17.9E-9	22.0E-9	861.6E-3	122.5E-3	18.70	-7.4E-9
1222	3.21	19.3E-9	19.1E-9	858.9E-3	130.0E-3	18.94	-8.8E-9	3.23	23.2E-9	19.6E-9	862.9E-3	130.7E-3	18.98	-10.0E-9
1223	3.22	12.7E-9	20.6E-9	861.6E-3	131.3E-3	18.75	-7.8E-9	3.23	13.5E-9	20.8E-9	866.7E-3	131.8E-3	18.84	-9.1E-9
1224	3.27	14.1E-9	17.6E-9	859.1E-3	131.8E-3	18.81	-6.5E-9	3.28	16.5E-9	20.6E-9	863.6E-3	132.2E-3	18.92	-7.5E-9
1225	3.33	20.5E-9	23.4E-9	858.4E-3	128.3E-3	18.62	-5.6E-9	3.35	20.7E-9	24.0E-9	863.0E-3	128.5E-3	18.66	-6.4E-9
1226	3.27	15.0E-9	27.6E-9	863.9E-3	129.3E-3	18.67	1.4E-9	3.27	16.0E-9	28.9E-9	868.3E-3	129.7E-3	18.70	1.6E-9
1227	3.36	21.3E-9	24.6E-9	861.5E-3	126.4E-3	18.44	3.5E-9	3.38	25.4E-9	29.6E-9	862.5E-3	127.0E-3	18.46	3.9E-9
1228	3.20	11.4E-9	22.2E-9	856.8E-3	123.6E-3	19.18	-8.8E-9	3.21	13.9E-9	25.3E-9	860.3E-3	124.1E-3	19.24	-10.4E-9
1229	3.29	11.7E-9	24.9E-9	855.3E-3	128.6E-3	18.55	-6.3E-9	3.31	13.8E-9	30.6E-9	858.0E-3	128.7E-3	18.63	-7.0E-9
1230	3.22	15.5E-9	20.0E-9	858.9E-3	123.3E-3	18.86	-7.7E-9	3.23	18.8E-9	24.8E-9	861.2E-3	123.7E-3	18.87	-9.5E-9
1231	3.23	10.8E-9	21.7E-9	862.4E-3	124.9E-3	19.08	-3.7E-9	3.25	13.3E-9	22.7E-9	866.4E-3	125.3E-3	19.17	-4.4E-9
1232	3.26	15.4E-9	25.4E-9	860.9E-3	123.1E-3	18.70	-7.3E-9	3.28	16.0E-9	27.8E-9	865.8E-3	123.8E-3	18.77	-8.5E-9
1233	3.19	13.6E-9	24.6E-9	858.7E-3	123.6E-3	18.90	-8.6E-9	3.20	14.6E-9	25.4E-9	861.5E-3	124.1E-3	19.00	-9.4E-9
1234	3.25	14.7E-9	21.5E-9	854.9E-3	123.7E-3	18.81	-9.1E-9	3.26	16.1E-9	25.7E-9	859.5E-3	124.2E-3	18.87	-9.9E-9
1235	3.25	17.6E-9	20.5E-9	859.5E-3	123.7E-3	18.63	-8.1E-9	3.26	19.6E-9	22.3E-9	863.6E-3	124.3E-3	18.72	-10.1E-9
1236	3.23	17.2E-9	23.1E-9	861.4E-3	123.6E-3	18.84	-8.7E-9	3.25	19.8E-9	28.9E-9	863.4E-3	124.1E-3	18.92	-10.9E-9

Steady State Reverse Bias

Steady State Reverse Bias
Mil-Std 750 M 1042-B, 500hrs, VGS= 520V, 150°C
Lot 6701

SN	Initials							500Hr End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSOn 10V	GFS 17.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSOn 10V	GFS 17.5A	IGSS -30V
241	3.28	14.3E-9	32.4E-9	846.0E-3	131.2E-3	17.84	-1.1E-9	3.25	16.0E-9	36.2E-9	845.6E-3	131.9E-3	17.80	-486.2E-12
242	3.29	12.3E-9	32.8E-9	846.4E-3	130.3E-3	17.86	-680.0E-12	3.29	13.0E-9	36.4E-9	844.2E-3	131.3E-3	17.80	-84.7E-12
243	3.26	15.4E-9	30.0E-9	845.6E-3	132.5E-3	17.86	-440.0E-12	3.23	16.7E-9	31.2E-9	843.4E-3	132.6E-3	17.82	135.1E-12
244	3.27	16.4E-9	34.4E-9	845.6E-3	132.3E-3	17.89	-1.4E-9	3.26	17.6E-9	37.6E-9	844.1E-3	133.6E-3	17.85	-807.7E-12
245	3.17	16.9E-9	31.2E-9	843.2E-3	131.9E-3	18.20	-680.0E-12	3.15	17.9E-9	34.8E-9	841.4E-3	132.3E-3	18.20	-113.6E-12
246	3.25	18.4E-9	31.6E-9	845.6E-3	132.8E-3	17.93	280.0E-12	3.22	20.0E-9	33.0E-9	844.2E-3	133.8E-3	17.90	893.8E-12
247	3.24	15.4E-9	30.0E-9	844.8E-3	133.4E-3	17.98	-1.9E-9	3.21	16.9E-9	31.0E-9	842.3E-3	133.5E-3	17.94	-1.3E-9
248	3.24	19.5E-9	29.6E-9	845.6E-3	132.6E-3	17.93	-200.0E-12	3.23	20.3E-9	32.6E-9	842.6E-3	133.0E-3	17.90	381.4E-12
249	3.19	18.4E-9	34.4E-9	842.8E-3	132.9E-3	18.23	-640.0E-12	3.18	20.2E-9	35.9E-9	840.4E-3	133.1E-3	18.19	-88.5E-12
250	3.22	15.4E-9	32.4E-9	843.2E-3	134.9E-3	17.90	-1.1E-9	3.21	16.4E-9	35.7E-9	841.4E-3	135.1E-3	17.83	-564.1E-12
251	3.24	16.9E-9	28.8E-9	845.2E-3	135.4E-3	17.96	-440.0E-12	3.23	17.7E-9	30.7E-9	843.5E-3	135.5E-3	17.89	119.9E-12
252	3.22	16.9E-9	169.2E-9	844.8E-3	134.5E-3	17.96	80.0E-12	3.21	18.8E-9	172.1E-9	842.4E-3	135.8E-3	17.94	686.2E-12
253	3.22	18.4E-9	36.0E-9	843.2E-3	133.6E-3	18.11	-920.0E-12	3.22	19.3E-9	38.4E-9	841.7E-3	134.1E-3	18.08	-398.5E-12
254	3.24	14.3E-9	30.4E-9	843.6E-3	137.0E-3	17.92	-880.0E-12	3.23	15.3E-9	33.7E-9	842.0E-3	138.0E-3	17.91	-365.2E-12
255	3.26	14.3E-9	30.8E-9	844.4E-3	137.9E-3	17.95	-960.0E-12	3.24	15.5E-9	32.8E-9	843.3E-3	138.5E-3	17.92	-364.6E-12
256	3.26	16.4E-9	30.0E-9	846.8E-3	137.0E-3	17.89	-880.0E-12	3.23	17.6E-9	30.8E-9	844.7E-3	138.2E-3	17.86	-299.8E-12
257	3.30	12.8E-9	31.6E-9	845.2E-3	138.0E-3	17.93	-560.0E-12	3.29	13.7E-9	32.3E-9	842.6E-3	138.4E-3	17.90	8.7E-12
258	3.28	10.8E-9	36.0E-9	844.8E-3	138.1E-3	17.94	-1.2E-9	3.27	12.1E-9	37.2E-9	844.3E-3	138.3E-3	17.94	-706.1E-12
259	3.26	14.3E-9	28.8E-9	844.8E-3	131.3E-3	18.02	-520.0E-12	3.25	16.4E-9	31.7E-9	842.3E-3	132.4E-3	17.98	72.9E-12
260	3.26	13.3E-9	30.0E-9	846.0E-3	131.8E-3	18.01	-640.0E-12	3.24	14.7E-9	33.5E-9	845.5E-3	132.4E-3	17.94	-90.1E-12
261	3.22	17.7E-9	36.0E-9	843.6E-3	133.0E-3	18.14	-1.0E-9	3.21	18.6E-9	38.7E-9	840.7E-3	133.6E-3	18.11	-406.8E-12
262	3.26	13.8E-9	31.6E-9	844.0E-3	131.3E-3	17.92	-360.0E-12	3.24	15.3E-9	35.0E-9	843.8E-3	131.8E-3	17.85	220.4E-12
263	3.25	14.3E-9	34.0E-9	844.0E-3	133.5E-3	18.07	-1.0E-9	3.24	15.8E-9	36.7E-9	843.9E-3	134.3E-3	18.07	-481.8E-12
264	3.29	10.2E-9	32.4E-9	846.8E-3	130.6E-3	17.88	-640.0E-12	3.29	11.6E-9	35.0E-9	845.0E-3	131.1E-3	17.83	-64.3E-12
265	3.23	15.4E-9	35.2E-9	844.4E-3	132.4E-3	18.07	-920.0E-12	3.21	16.6E-9	37.6E-9	841.9E-3	133.6E-3	18.06	-384.7E-12

Steady State Reverse Bias
Mil-Std 750 M 1042-B, 500hrs, VGS= 520V, 150°C
Lot 6701

SN	Initials							500Hr End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDS ON 10V	GFS 17.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDS ON 10V	GFS 17.5A	IGSS -30V
266	3.29	8.2E-9	33.6E-9	845.2E-3	129.8E-3	17.88	880.0E-12	3.26	8.9E-9	37.2E-9	842.8E-3	131.0E-3	17.84	1.6E-9
267	3.26	16.4E-9	34.0E-9	842.8E-3	133.9E-3	17.93	-680.0E-12	3.24	17.5E-9	34.7E-9	841.0E-3	135.1E-3	17.88	-125.7E-12
268	3.28	11.5E-9	34.0E-9	844.4E-3	130.0E-3	17.94	640.0E-12	3.27	12.6E-9	37.7E-9	843.9E-3	130.2E-3	17.89	1.3E-9
269	3.24	14.9E-9	32.8E-9	843.2E-3	134.6E-3	17.84	-760.0E-12	3.23	16.1E-9	36.3E-9	840.3E-3	135.6E-3	17.83	-219.8E-12
270	3.19	16.4E-9	30.4E-9	844.8E-3	135.8E-3	18.07	-1.3E-9	3.17	18.0E-9	33.8E-9	844.5E-3	135.9E-3	18.02	-825.3E-12
271	3.26	14.9E-9	34.0E-9	842.4E-3	132.6E-3	17.81	-840.0E-12	3.23	16.4E-9	37.8E-9	842.1E-3	133.7E-3	17.78	-303.2E-12
272	3.20	16.4E-9	30.8E-9	845.6E-3	133.7E-3	18.17	-1.0E-9	3.18	18.2E-9	32.0E-9	843.3E-3	134.0E-3	18.13	-459.9E-12
273	3.20	18.4E-9	34.8E-9	846.0E-3	131.2E-3	18.08	-920.0E-12	3.18	19.2E-9	37.5E-9	845.4E-3	131.4E-3	18.05	-378.2E-12
274	3.20	16.9E-9	31.6E-9	846.8E-3	131.8E-3	18.05	-560.0E-12	3.20	18.7E-9	32.4E-9	845.4E-3	132.0E-3	18.03	4.9E-12
275	3.21	16.4E-9	33.2E-9	846.4E-3	129.6E-3	17.98	-440.0E-12	3.21	18.4E-9	36.8E-9	843.7E-3	130.5E-3	17.95	141.4E-12
276	3.24	12.8E-9	39.6E-9	845.6E-3	129.5E-3	17.96	-40.0E-12	3.21	14.6E-9	44.0E-9	844.5E-3	129.6E-3	17.93	556.4E-12
277	3.22	16.9E-9	33.2E-9	846.4E-3	130.2E-3	18.01	-480.0E-12	3.20	18.1E-9	36.2E-9	846.2E-3	130.2E-3	17.95	93.5E-12
278	3.27	16.4E-9	32.0E-9	844.4E-3	133.2E-3	17.83	-320.0E-12	3.24	17.1E-9	33.1E-9	841.8E-3	133.2E-3	17.82	258.1E-12
279	3.23	19.5E-9	34.8E-9	846.4E-3	130.2E-3	17.94	-360.0E-12	3.21	20.5E-9	36.2E-9	843.5E-3	130.5E-3	17.93	209.6E-12
280	3.24	16.4E-9	37.2E-9	846.4E-3	129.7E-3	17.94	240.0E-12	3.24	17.4E-9	38.0E-9	845.3E-3	129.8E-3	17.92	848.0E-12
281	3.26	12.3E-9	39.2E-9	842.0E-3	131.8E-3	17.95	-960.0E-12	3.25	14.0E-9	39.8E-9	839.1E-3	132.0E-3	17.92	-380.4E-12
282	3.23	14.9E-9	38.0E-9	844.8E-3	129.9E-3	17.96	-640.0E-12	3.23	15.5E-9	39.6E-9	842.2E-3	130.7E-3	17.90	-99.0E-12
283	3.24	15.4E-9	38.8E-9	845.6E-3	130.3E-3	18.00	-520.0E-12	3.21	16.6E-9	40.5E-9	844.7E-3	130.7E-3	17.94	66.1E-12
284	3.23	16.4E-9	36.0E-9	845.6E-3	130.4E-3	17.96	15.5E-9	3.20	17.5E-9	36.9E-9	843.7E-3	130.7E-3	17.93	16.4E-9
285	3.22	16.4E-9	29.6E-9	845.2E-3	135.1E-3	18.11	-400.0E-12	3.21	17.7E-9	30.8E-9	843.5E-3	135.5E-3	18.07	174.0E-12
286	3.21	16.4E-9	39.6E-9	845.2E-3	130.1E-3	17.99	4.2E-9	3.21	18.4E-9	42.5E-9	845.0E-3	131.0E-3	17.96	5.0E-9
287	3.27	12.3E-9	32.4E-9	845.6E-3	131.1E-3	17.87	120.0E-12	3.25	13.9E-9	33.3E-9	843.1E-3	131.7E-3	17.84	729.2E-12
288	3.21	13.8E-9	39.2E-9	844.8E-3	130.8E-3	18.01	-120.0E-12	3.21	15.6E-9	41.6E-9	842.3E-3	131.0E-3	17.97	472.8E-12
289	3.26	13.8E-9	36.0E-9	844.8E-3	130.7E-3	17.87	40.0E-12	3.23	15.4E-9	36.6E-9	843.1E-3	131.4E-3	17.83	641.6E-12
290	3.24	17.4E-9	28.0E-9	846.0E-3	133.2E-3	18.29	-9.0E-9	3.23	18.9E-9	29.7E-9	843.3E-3	134.1E-3	18.29	-9.2E-9

Steady State Reverse Bias
Mil-Std 750 M 1042-B, 500hrs, VGS= 520V, 150°C
Lot 6701

SN	Initials						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDS ON 10V	GFS 17.5A	IGSS -30V
291	3.23	18.4E-9	28.8E-9	846.4E-3	133.3E-3	18.32	-520.0E-12
292	3.24	12.8E-9	28.4E-9	846.0E-3	132.9E-3	18.30	680.0E-12
293	3.23	14.3E-9	26.8E-9	846.8E-3	137.0E-3	18.04	-280.0E-12
294	3.22	13.3E-9	26.8E-9	846.4E-3	136.1E-3	18.02	-6.4E-9
295	3.20	10.5E-9	28.0E-9	845.6E-3	135.4E-3	18.08	-440.0E-12
296	3.23	12.8E-9	24.8E-9	846.4E-3	137.2E-3	17.98	320.0E-12
297	3.29	10.8E-9	25.2E-9	847.2E-3	136.0E-3	17.98	-160.0E-12
298	3.27	11.3E-9	26.4E-9	847.6E-3	136.7E-3	17.99	-600.0E-12
299	3.33	8.7E-9	26.4E-9	847.6E-3	135.4E-3	17.98	200.0E-12
300	3.32	10.8E-9	25.6E-9	847.6E-3	136.3E-3	17.99	280.0E-12
301	3.27	13.3E-9	25.2E-9	848.8E-3	135.3E-3	17.96	-360.0E-12
302	3.28	11.5E-9	27.2E-9	847.2E-3	135.8E-3	18.00	-520.0E-12
303	3.24	13.3E-9	26.8E-9	846.8E-3	135.4E-3	18.12	-40.0E-12
304	3.25	12.3E-9	26.8E-9	846.8E-3	135.7E-3	18.06	9.8E-9
305	3.19	15.4E-9	26.4E-9	846.8E-3	136.0E-3	18.22	-560.0E-12
306	3.24	13.3E-9	25.6E-9	846.4E-3	135.4E-3	18.12	4.5E-9
307	3.21	13.6E-9	23.6E-9	846.0E-3	134.2E-3	18.19	14.4E-9
308	3.22	13.8E-9	26.0E-9	846.4E-3	134.9E-3	18.14	80.0E-12
309	3.21	12.3E-9	25.2E-9	846.0E-3	133.7E-3	18.19	-1.0E-9
310	3.20	12.3E-9	26.8E-9	845.2E-3	135.3E-3	18.18	-3.4E-9
311	3.22	14.9E-9	26.0E-9	847.6E-3	136.6E-3	18.10	3.0E-9
312	3.23	13.3E-9	24.0E-9	846.0E-3	136.7E-3	18.12	2.5E-9
313	3.22	15.4E-9	24.4E-9	846.4E-3	134.9E-3	18.11	80.0E-12
314	3.22	14.3E-9	25.6E-9	845.6E-3	136.1E-3	18.12	40.0E-12
315	3.17	16.4E-9	26.0E-9	846.0E-3	137.0E-3	18.22	-440.0E-12
316	3.22	14.6E-9	26.8E-9	846.0E-3	135.1E-3	18.20	440.0E-12
317	3.22	16.9E-9	27.2E-9	845.2E-3	133.8E-3	18.18	-480.0E-12

500Hr End Points						
VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDS ON 10V	GFS 17.5A	IGSS -30V
3.20	19.8E-9	32.2E-9	845.1E-3	133.3E-3	18.32	63.5E-12
3.23	13.4E-9	30.1E-9	843.1E-3	133.7E-3	18.27	1.3E-9
3.22	16.3E-9	28.3E-9	845.4E-3	138.0E-3	17.99	306.3E-12
3.20	15.2E-9	27.7E-9	845.1E-3	136.4E-3	18.02	-6.4E-9
3.20	11.1E-9	31.4E-9	845.0E-3	136.0E-3	18.04	133.1E-12
3.20	13.7E-9	25.9E-9	844.5E-3	138.1E-3	17.95	920.4E-12
3.26	11.8E-9	27.5E-9	846.5E-3	136.6E-3	17.95	435.6E-12
3.26	12.5E-9	28.8E-9	846.3E-3	137.0E-3	17.92	-18.8E-12
3.31	10.0E-9	27.3E-9	846.3E-3	135.5E-3	17.97	804.2E-12
3.32	12.1E-9	28.5E-9	846.3E-3	137.5E-3	17.93	897.2E-12
3.24	14.7E-9	28.0E-9	846.7E-3	136.5E-3	17.90	225.7E-12
3.25	12.9E-9	29.5E-9	846.5E-3	137.0E-3	17.97	51.9E-12
3.24	15.1E-9	27.8E-9	844.5E-3	136.6E-3	18.08	558.7E-12
3.22	13.8E-9	29.2E-9	843.9E-3	136.2E-3	18.05	10.8E-9
3.18	16.7E-9	28.6E-9	844.2E-3	136.2E-3	18.18	20.3E-12
3.21	15.2E-9	26.6E-9	845.9E-3	136.3E-3	18.11	5.4E-9
3.20	14.3E-9	25.2E-9	843.3E-3	134.9E-3	18.15	15.5E-9
3.20	15.2E-9	28.1E-9	844.0E-3	135.8E-3	18.08	687.4E-12
3.21	13.1E-9	28.2E-9	844.8E-3	133.7E-3	18.12	-482.4E-12
3.18	14.0E-9	28.9E-9	844.7E-3	135.7E-3	18.11	-3.0E-9
3.22	15.5E-9	27.5E-9	845.7E-3	137.0E-3	18.04	3.7E-9
3.21	14.0E-9	26.4E-9	843.5E-3	137.8E-3	18.07	3.2E-9
3.19	16.1E-9	26.4E-9	843.6E-3	135.9E-3	18.10	687.4E-12
3.22	15.5E-9	26.5E-9	845.0E-3	136.7E-3	18.12	641.7E-12
3.14	17.8E-9	27.6E-9	845.1E-3	137.9E-3	18.21	156.8E-12
3.21	15.7E-9	29.5E-9	845.7E-3	135.5E-3	18.14	1.1E-9
3.19	18.2E-9	29.4E-9	843.3E-3	134.6E-3	18.12	113.1E-12

Steady State Reverse Bias
Mil-Std 750 M 1042-B, 500hrs, VGS= 520V, 150°C
Lot 6608

SN	Initials							500Hr End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSOn 10V	GFS 17.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSOn 10V	GFS 17.5A	IGSS -30V
561	3.37	19.7E-9	18.8E-9	845.6E-3	134.2E-3	17.92	-1.3E-9	3.35	21.1E-9	20.8E-9	844.2E-3	135.1E-3	17.86	-806.6E-12
562	3.38	20.5E-9	17.6E-9	847.2E-3	132.4E-3	17.90	280.0E-12	3.37	22.0E-9	18.5E-9	845.9E-3	132.6E-3	17.88	889.1E-12
563	3.37	21.5E-9	16.8E-9	847.2E-3	132.0E-3	17.96	-960.0E-12	3.37	23.2E-9	17.7E-9	845.3E-3	132.3E-3	17.89	-378.1E-12
564	3.39	20.5E-9	16.4E-9	847.6E-3	131.3E-3	17.95	-840.0E-12	3.36	23.0E-9	17.9E-9	845.4E-3	132.6E-3	17.90	-264.4E-12
565	3.39	20.5E-9	18.4E-9	847.6E-3	131.4E-3	17.96	-240.0E-12	3.39	22.4E-9	19.8E-9	844.7E-3	132.1E-3	17.92	353.6E-12
566	3.43	18.4E-9	18.8E-9	849.6E-3	131.3E-3	17.96	-920.0E-12	3.40	20.6E-9	20.8E-9	849.2E-3	132.5E-3	17.96	-330.8E-12
567	3.40	20.5E-9	18.4E-9	849.2E-3	132.2E-3	17.96	-680.0E-12	3.39	22.4E-9	20.3E-9	848.8E-3	132.4E-3	17.90	-128.5E-12
568	3.46	16.4E-9	20.4E-9	848.8E-3	131.1E-3	17.99	-640.0E-12	3.46	18.4E-9	23.0E-9	847.6E-3	131.3E-3	17.97	-65.7E-12
569	3.44	20.5E-9	18.0E-9	847.6E-3	130.8E-3	17.88	-1.2E-9	3.43	21.1E-9	20.2E-9	847.5E-3	131.8E-3	17.84	-578.4E-12
570	3.50	16.4E-9	20.4E-9	848.4E-3	129.9E-3	18.30	-680.0E-12	3.48	18.0E-9	21.2E-9	846.6E-3	130.7E-3	18.29	-118.8E-12
571	3.38	18.9E-9	16.8E-9	847.6E-3	132.9E-3	17.90	-800.0E-12	3.36	20.6E-9	18.1E-9	844.6E-3	134.1E-3	17.87	-261.0E-12
572	3.47	16.9E-9	18.0E-9	848.8E-3	130.4E-3	18.05	-960.0E-12	3.43	18.0E-9	19.1E-9	846.3E-3	131.3E-3	18.04	-402.7E-12
573	3.41	20.5E-9	18.0E-9	847.2E-3	131.9E-3	18.08	-160.0E-12	3.40	23.0E-9	19.9E-9	845.1E-3	132.5E-3	18.06	439.3E-12
574	3.39	19.5E-9	18.0E-9	851.2E-3	133.1E-3	17.87	-40.0E-12	3.38	20.3E-9	20.2E-9	850.5E-3	133.4E-3	17.86	556.5E-12
575	3.45	19.5E-9	18.8E-9	850.4E-3	130.1E-3	17.95	-1.2E-9	3.43	21.2E-9	20.7E-9	849.1E-3	130.2E-3	17.89	-669.0E-12
576	3.40	20.5E-9	17.2E-9	848.4E-3	131.4E-3	18.01	-440.0E-12	3.37	22.4E-9	19.5E-9	846.3E-3	132.0E-3	17.98	154.3E-12
577	3.39	20.5E-9	16.8E-9	848.8E-3	132.2E-3	17.95	-1.0E-9	3.39	21.4E-9	18.5E-9	847.2E-3	132.3E-3	17.93	-413.2E-12
578	3.39	22.0E-9	17.2E-9	850.8E-3	132.6E-3	17.96	-800.0E-12	3.37	23.8E-9	18.3E-9	850.2E-3	133.2E-3	17.90	-216.0E-12
579	3.39	21.5E-9	17.2E-9	848.0E-3	132.1E-3	17.99	-1.8E-9	3.36	23.5E-9	18.5E-9	845.6E-3	132.7E-3	17.96	-1.2E-9
580	3.39	20.5E-9	16.8E-9	850.0E-3	131.7E-3	17.81	-1.0E-9	3.38	22.9E-9	18.8E-9	849.4E-3	132.4E-3	17.74	-518.2E-12
581	3.38	23.6E-9	16.4E-9	852.8E-3	132.8E-3	17.87	-1.2E-9	3.37	26.2E-9	18.6E-9	851.6E-3	133.9E-3	17.82	-667.8E-12
582	3.37	22.5E-9	18.8E-9	852.8E-3	133.5E-3	17.88	-920.0E-12	3.36	24.6E-9	20.5E-9	851.1E-3	134.1E-3	17.87	-375.9E-12
583	3.37	24.6E-9	19.2E-9	850.4E-3	134.3E-3	17.90	-1.0E-9	3.36	27.0E-9	20.3E-9	850.1E-3	135.3E-3	17.90	-472.2E-12
584	3.38	24.6E-9	20.8E-9	856.0E-3	133.0E-3	17.80	-1.0E-9	3.35	27.1E-9	22.4E-9	854.0E-3	133.8E-3	17.77	-496.9E-12
585	3.38	24.6E-9	17.2E-9	850.8E-3	134.2E-3	17.90	-2.6E-9	3.35	26.4E-9	18.6E-9	848.6E-3	134.9E-3	17.88	-2.1E-9

Steady State Reverse Bias
Mil-Std 750 M 1042-B, 500hrs, VGS= 520V, 150°C
Lot 6608

SN	Initials							500Hr End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSON 10V	GFS 17.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSON 10V	GFS 17.5A	IGSS -30V
586	3.37	22.5E-9	18.0E-9	850.8E-3	133.8E-3	17.93	-1.2E-9	3.35	23.8E-9	19.5E-9	848.7E-3	134.1E-3	17.87	-610.4E-12
587	3.38	23.0E-9	17.6E-9	850.8E-3	135.9E-3	17.88	-920.0E-12	3.34	25.8E-9	19.8E-9	848.8E-3	136.8E-3	17.84	-390.5E-12
588	3.37	24.6E-9	16.8E-9	851.2E-3	136.0E-3	17.93	120.0E-12	3.34	27.0E-9	18.3E-9	849.0E-3	136.9E-3	17.88	731.4E-12
589	3.37	20.5E-9	16.8E-9	853.6E-3	139.0E-3	17.92	-640.0E-12	3.34	21.8E-9	17.5E-9	852.9E-3	140.2E-3	17.86	-58.6E-12
590	3.37	27.1E-9	18.4E-9	851.2E-3	137.9E-3	17.88	-1.0E-9	3.36	30.1E-9	20.8E-9	850.0E-3	138.3E-3	17.82	-512.7E-12
591	3.45	20.5E-9	15.6E-9	851.6E-3	136.7E-3	18.05	-1.0E-9	3.45	21.9E-9	16.4E-9	850.1E-3	137.8E-3	17.98	-487.7E-12
592	3.47	14.3E-9	18.0E-9	855.2E-3	134.2E-3	17.80	-960.0E-12	3.47	15.2E-9	20.3E-9	853.2E-3	135.0E-3	17.74	-450.6E-12
593	3.47	13.3E-9	18.4E-9	856.0E-3	134.6E-3	17.86	-720.0E-12	3.45	14.8E-9	19.9E-9	853.7E-3	134.7E-3	17.80	-176.8E-12
594	3.49	14.3E-9	19.2E-9	853.2E-3	132.9E-3	17.65	-760.0E-12	3.48	15.8E-9	20.8E-9	850.5E-3	133.7E-3	17.61	-204.9E-12
595	3.48	14.3E-9	20.0E-9	858.4E-3	134.4E-3	17.71	-840.0E-12	3.46	15.0E-9	22.5E-9	855.9E-3	134.9E-3	17.66	-294.4E-12
596	3.51	12.3E-9	19.2E-9	857.2E-3	131.9E-3	17.68	-600.0E-12	3.50	13.1E-9	21.7E-9	854.7E-3	132.8E-3	17.65	-50.0E-12
597	3.50	12.3E-9	19.2E-9	853.2E-3	131.8E-3	17.65	-160.0E-12	3.48	14.0E-9	21.3E-9	853.1E-3	131.9E-3	17.61	437.4E-12
598	3.52	15.4E-9	20.4E-9	853.6E-3	130.8E-3	17.62	-600.0E-12	3.50	16.2E-9	22.3E-9	851.2E-3	130.9E-3	17.58	-37.0E-12
599	3.52	12.3E-9	23.2E-9	853.6E-3	131.3E-3	17.68	-80.0E-12	3.50	13.2E-9	26.0E-9	852.9E-3	131.8E-3	17.62	519.4E-12
600	3.48	15.4E-9	20.4E-9	853.2E-3	133.1E-3	17.71	-800.0E-12	3.46	16.9E-9	21.1E-9	850.2E-3	134.2E-3	17.65	-229.3E-12
601	3.50	14.3E-9	20.0E-9	853.2E-3	131.3E-3	17.59	-520.0E-12	3.50	16.3E-9	22.2E-9	851.2E-3	131.8E-3	17.55	29.1E-12
602	3.46	16.4E-9	18.0E-9	854.8E-3	133.1E-3	17.63	-1.2E-9	3.44	18.3E-9	19.1E-9	854.6E-3	133.4E-3	17.56	-659.5E-12
603	3.47	12.3E-9	18.8E-9	856.0E-3	132.6E-3	17.59	-640.0E-12	3.47	13.8E-9	20.6E-9	853.8E-3	132.6E-3	17.58	-40.4E-12
604	3.45	14.9E-9	19.2E-9	856.4E-3	134.2E-3	17.65	-640.0E-12	3.44	16.1E-9	20.2E-9	855.2E-3	135.1E-3	17.61	-78.7E-12
605	3.45	14.3E-9	19.6E-9	853.6E-3	134.4E-3	17.78	-640.0E-12	3.42	15.3E-9	20.8E-9	851.1E-3	135.6E-3	17.75	-96.1E-12
606	3.44	13.3E-9	18.0E-9	857.2E-3	135.4E-3	17.81	-1.6E-9	3.44	14.1E-9	18.9E-9	854.7E-3	135.5E-3	17.73	-1.2E-9
607	3.45	13.3E-9	17.6E-9	855.2E-3	134.5E-3	17.78	-1.2E-9	3.43	15.2E-9	18.4E-9	852.8E-3	135.5E-3	17.78	-644.3E-12
608	3.44	13.8E-9	18.0E-9	854.8E-3	135.1E-3	18.01	-640.0E-12	3.42	15.6E-9	19.1E-9	852.3E-3	135.5E-3	17.96	-56.5E-12
609	3.44	14.9E-9	18.0E-9	854.0E-3	134.6E-3	17.95	-800.0E-12	3.42	16.9E-9	20.3E-9	854.0E-3	135.4E-3	17.94	-210.9E-12
610	3.47	19.5E-9	18.4E-9	855.2E-3	131.6E-3	17.68	-1.1E-9	3.44	21.6E-9	20.2E-9	852.4E-3	132.6E-3	17.62	-547.3E-12

Steady State Reverse Bias
Mil-Std 750 M 1042-B, 500hrs, VGS= 520V, 150°C
Lot 6608

SN	Initials						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSON 10V	GFS 17.5A	IGSS -30V
611	3.45	18.9E-9	18.0E-9	856.4E-3	132.6E-3	17.72	-880.0E-12
612	3.46	20.5E-9	18.4E-9	856.4E-3	134.0E-3	17.84	-1.1E-9
613	3.46	20.7E-9	18.8E-9	857.6E-3	133.0E-3	17.82	-680.0E-12
614	3.46	19.5E-9	18.4E-9	854.4E-3	134.2E-3	17.89	-720.0E-12
615	3.46	21.0E-9	21.2E-9	857.2E-3	133.9E-3	17.95	-1.0E-9
616	3.46	20.5E-9	18.0E-9	857.2E-3	136.1E-3	17.92	-1.1E-9
617	3.46	20.5E-9	18.0E-9	857.2E-3	134.7E-3	17.87	-480.0E-12
618	3.46	18.4E-9	18.4E-9	856.0E-3	136.8E-3	17.93	-640.0E-12
619	3.47	19.5E-9	17.2E-9	858.0E-3	137.5E-3	17.93	-1.2E-9
620	3.49	16.9E-9	18.8E-9	854.8E-3	137.8E-3	17.93	-680.0E-12
621	3.48	18.4E-9	16.8E-9	858.0E-3	136.8E-3	17.89	-680.0E-12
622	3.51	16.9E-9	18.4E-9	857.6E-3	136.8E-3	17.87	-640.0E-12
623	3.50	15.4E-9	19.2E-9	858.4E-3	137.3E-3	17.92	-320.0E-12
624	3.55	13.6E-9	18.8E-9	856.8E-3	137.4E-3	18.08	-480.0E-12
625	3.53	16.9E-9	20.0E-9	854.0E-3	136.8E-3	17.90	-680.0E-12
626	3.52	14.3E-9	20.4E-9	856.4E-3	138.7E-3	18.08	-520.0E-12
627	3.54	12.5E-9	19.6E-9	856.8E-3	137.2E-3	18.13	-960.0E-12
628	3.39	16.4E-9	19.2E-9	852.8E-3	136.1E-3	17.96	-1.0E-9
629	3.54	12.5E-9	18.0E-9	856.0E-3	130.5E-3	17.74	-520.0E-12
630	3.39	20.5E-9	17.2E-9	849.2E-3	134.0E-3	17.87	-920.0E-12
631	3.40	21.5E-9	18.0E-9	855.6E-3	134.5E-3	17.84	-880.0E-12
632	3.41	19.5E-9	15.6E-9	856.8E-3	133.2E-3	17.83	-480.0E-12
633	3.39	20.0E-9	18.0E-9	855.2E-3	133.8E-3	17.76	-880.0E-12
634	3.42	18.4E-9	18.0E-9	856.8E-3	133.7E-3	17.76	-1.1E-9
635	3.38	20.5E-9	236.8E-9	852.8E-3	134.3E-3	17.83	-1.2E-9
636	3.43	18.4E-9	18.8E-9	853.6E-3	133.3E-3	17.80	-720.0E-12
637	3.42	16.6E-9	17.2E-9	857.6E-3	133.5E-3	17.78	-1.1E-9

500Hr End Points						
VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSON 10V	GFS 17.5A	IGSS -30V
3.43	21.4E-9	19.6E-9	853.9E-3	133.6E-3	17.71	-365.6E-12
3.44	23.1E-9	19.5E-9	853.7E-3	134.1E-3	17.80	-602.4E-12
3.44	22.3E-9	20.3E-9	854.8E-3	134.0E-3	17.81	-84.3E-12
3.44	20.2E-9	20.3E-9	853.5E-3	134.9E-3	17.84	-185.2E-12
3.44	22.4E-9	23.1E-9	857.1E-3	134.3E-3	17.94	-469.8E-12
3.44	22.2E-9	19.3E-9	854.2E-3	136.2E-3	17.88	-501.4E-12
3.45	21.1E-9	20.3E-9	857.2E-3	134.8E-3	17.86	81.7E-12
3.45	20.7E-9	19.3E-9	854.1E-3	137.5E-3	17.89	-93.3E-12
3.45	21.9E-9	18.7E-9	855.2E-3	138.7E-3	17.89	-712.4E-12
3.48	18.2E-9	20.2E-9	853.2E-3	137.8E-3	17.93	-119.7E-12
3.46	20.2E-9	17.8E-9	856.6E-3	137.6E-3	17.88	-127.1E-12
3.51	17.6E-9	20.4E-9	855.0E-3	137.7E-3	17.83	-78.1E-12
3.47	16.2E-9	21.2E-9	856.4E-3	137.4E-3	17.89	249.4E-12
3.53	14.7E-9	20.5E-9	855.2E-3	138.6E-3	18.04	117.4E-12
3.50	18.6E-9	22.0E-9	853.0E-3	137.4E-3	17.84	-85.2E-12
3.51	15.4E-9	21.5E-9	854.7E-3	138.8E-3	18.03	33.7E-12
3.52	13.3E-9	21.9E-9	855.4E-3	137.4E-3	18.10	-435.6E-12
3.37	17.4E-9	21.1E-9	851.4E-3	136.7E-3	17.91	-494.7E-12
3.52	13.9E-9	18.9E-9	853.3E-3	130.7E-3	17.70	70.8E-12
3.36	23.0E-9	18.9E-9	846.7E-3	134.4E-3	17.81	-347.7E-12
3.40	23.3E-9	19.6E-9	855.2E-3	135.4E-3	17.82	-323.6E-12
3.39	21.1E-9	16.8E-9	853.8E-3	134.2E-3	17.80	78.3E-12
3.36	21.3E-9	20.1E-9	853.9E-3	134.6E-3	17.75	-348.3E-12
3.41	20.5E-9	18.8E-9	856.1E-3	134.9E-3	17.76	-573.5E-12
3.36	22.2E-9	245.9E-9	852.7E-3	135.1E-3	17.77	-589.3E-12
3.42	20.8E-9	20.4E-9	851.5E-3	134.0E-3	17.79	-168.4E-12
3.40	18.2E-9	19.1E-9	857.3E-3	133.8E-3	17.73	-614.7E-12

Steady State Reverse Bias
Mil-Std 750 M 1042-B, 500hrs, VGS= 520V, 150°C
Lot 6700

SN	Initials							500Hr End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSON 10V	GFS 17.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSON 10V	GFS 17.5A	IGSS -30V
881	3.23	11.8E-9	20.8E-9	847.2E-3	129.5E-3	18.42	-6.5E-9	3.20	13.4E-9	22.7E-9	846.5E-3	130.1E-3	18.41	-6.0E-9
882	3.21	20.5E-9	24.4E-9	855.2E-3	126.2E-3	18.35	-6.5E-9	3.19	21.1E-9	26.5E-9	853.8E-3	127.4E-3	18.31	-5.9E-9
883	3.21	19.5E-9	18.0E-9	850.0E-3	126.8E-3	18.23	-6.7E-9	3.20	20.6E-9	18.7E-9	849.4E-3	127.8E-3	18.22	-6.6E-9
884	3.27	14.9E-9	21.6E-9	856.8E-3	126.3E-3	18.29	-6.9E-9	3.25	16.4E-9	23.1E-9	855.9E-3	126.3E-3	18.25	-6.8E-9
885	3.25	16.4E-9	17.2E-9	857.2E-3	126.3E-3	18.01	-5.9E-9	3.24	17.8E-9	19.0E-9	854.7E-3	126.7E-3	17.96	-5.6E-9
886	3.18	14.3E-9	42.4E-9	852.0E-3	123.2E-3	18.46	-6.7E-9	3.16	15.7E-9	46.6E-9	849.4E-3	123.8E-3	18.41	-6.2E-9
887	3.19	16.4E-9	44.0E-9	850.8E-3	122.2E-3	18.44	-7.4E-9	3.16	17.8E-9	46.1E-9	847.8E-3	122.7E-3	18.37	-7.1E-9
888	3.15	14.9E-9	38.8E-9	854.0E-3	123.8E-3	18.64	-7.1E-9	3.14	16.0E-9	41.6E-9	853.2E-3	124.3E-3	18.57	-7.1E-9
889	3.21	12.8E-9	20.0E-9	846.8E-3	131.4E-3	18.49	-7.7E-9	3.20	14.2E-9	21.3E-9	845.2E-3	131.5E-3	18.48	-7.4E-9
890	3.28	12.8E-9	19.6E-9	855.2E-3	124.3E-3	18.36	-5.7E-9	3.26	14.7E-9	21.0E-9	854.8E-3	124.4E-3	18.31	-5.1E-9
891	3.28	13.3E-9	21.6E-9	856.0E-3	124.2E-3	18.37	-6.0E-9	3.27	14.2E-9	23.7E-9	855.6E-3	125.3E-3	18.30	-5.6E-9
892	3.29	12.3E-9	20.4E-9	857.6E-3	125.4E-3	18.24	-5.7E-9	3.28	13.6E-9	21.8E-9	856.3E-3	126.3E-3	18.18	-5.5E-9
893	3.32	13.8E-9	19.6E-9	855.6E-3	124.0E-3	18.37	-5.9E-9	3.30	14.8E-9	21.9E-9	854.3E-3	124.1E-3	18.33	-5.4E-9
894	3.31	12.8E-9	21.6E-9	856.0E-3	125.6E-3	18.20	-6.3E-9	3.30	13.7E-9	22.6E-9	854.0E-3	126.5E-3	18.15	-6.3E-9
895	3.29	12.8E-9	22.8E-9	851.2E-3	125.2E-3	18.28	-6.5E-9	3.28	13.6E-9	25.1E-9	850.3E-3	125.4E-3	18.26	-6.3E-9
896	3.26	15.4E-9	21.2E-9	849.6E-3	125.8E-3	18.36	-6.4E-9	3.24	17.3E-9	22.6E-9	848.9E-3	125.9E-3	18.35	-6.2E-9
897	3.26	17.4E-9	21.2E-9	855.6E-3	124.1E-3	18.24	-6.1E-9	3.24	19.3E-9	23.3E-9	854.9E-3	125.2E-3	18.21	-5.9E-9
898	3.23	13.3E-9	24.0E-9	852.0E-3	121.7E-3	18.26	-6.5E-9	3.20	15.0E-9	25.6E-9	850.2E-3	122.1E-3	18.19	-6.1E-9
899	3.23	12.8E-9	22.8E-9	854.8E-3	123.9E-3	18.20	-6.0E-9	3.21	13.6E-9	23.7E-9	854.6E-3	124.1E-3	18.20	-5.6E-9
900	3.22	12.3E-9	26.8E-9	849.6E-3	121.9E-3	18.38	-7.0E-9	3.19	13.6E-9	27.7E-9	847.3E-3	122.3E-3	18.35	-6.9E-9
901	3.21	14.9E-9	26.4E-9	854.0E-3	123.5E-3	18.32	-6.3E-9	3.21	16.4E-9	27.1E-9	853.1E-3	124.6E-3	18.30	-5.9E-9
902	3.15	12.8E-9	27.6E-9	856.0E-3	119.5E-3	18.59	-7.4E-9	3.12	13.8E-9	30.1E-9	854.3E-3	120.7E-3	18.55	-7.5E-9
903	3.22	11.3E-9	21.2E-9	854.8E-3	128.3E-3	18.24	-6.5E-9	3.20	12.3E-9	23.0E-9	852.9E-3	128.6E-3	18.20	-6.5E-9
904	3.15	16.4E-9	27.2E-9	855.6E-3	120.7E-3	18.67	-7.1E-9	3.13	18.0E-9	30.2E-9	853.7E-3	120.8E-3	18.64	-6.9E-9
905	3.15	14.3E-9	28.0E-9	857.2E-3	119.7E-3	18.59	-7.4E-9	3.15	15.4E-9	30.8E-9	855.7E-3	119.7E-3	18.52	-7.2E-9

Steady State Reverse Bias
Mil-Std 750 M 1042-B, 500hrs, VGS= 520V, 150°C
Lot 6700

SN	Initials							500Hr End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSN 10V	GFS 17.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSN 10V	GFS 17.5A	IGSS -30V
906	3.14	15.4E-9	25.2E-9	850.4E-3	127.8E-3	18.65	-7.8E-9	3.13	16.0E-9	27.2E-9	849.6E-3	128.0E-3	18.58	-7.5E-9
907	3.14	18.4E-9	25.2E-9	848.4E-3	126.4E-3	18.80	-7.5E-9	3.11	20.2E-9	28.3E-9	847.3E-3	127.0E-3	18.73	-7.2E-9
908	3.18	17.9E-9	23.6E-9	852.8E-3	128.1E-3	18.62	-8.0E-9	3.15	18.7E-9	25.4E-9	850.3E-3	129.1E-3	18.57	-8.2E-9
909	3.25	12.8E-9	23.2E-9	852.0E-3	120.3E-3	18.20	-7.7E-9	3.24	13.6E-9	24.7E-9	850.1E-3	121.4E-3	18.16	-7.6E-9
910	3.21	18.4E-9	24.8E-9	852.8E-3	127.8E-3	18.49	-7.0E-9	3.20	20.9E-9	25.6E-9	849.8E-3	129.0E-3	18.45	-6.9E-9
911	3.20	15.4E-9	26.8E-9	846.4E-3	120.5E-3	18.48	-6.4E-9	3.19	16.4E-9	28.0E-9	846.1E-3	121.1E-3	18.46	-6.1E-9
912	3.15	17.9E-9	25.2E-9	854.0E-3	129.5E-3	18.68	-8.0E-9	3.12	19.2E-9	26.4E-9	851.7E-3	130.7E-3	18.64	-7.5E-9
913	3.17	12.8E-9	29.6E-9	856.8E-3	120.6E-3	18.30	-6.7E-9	3.15	14.6E-9	32.0E-9	856.6E-3	121.8E-3	18.29	-6.2E-9
914	3.14	16.4E-9	28.4E-9	854.4E-3	121.0E-3	18.54	-7.9E-9	3.12	17.6E-9	30.6E-9	854.2E-3	121.2E-3	18.52	-7.7E-9
915	3.22	13.3E-9	21.2E-9	847.6E-3	119.7E-3	18.41	-6.9E-9	3.21	14.3E-9	21.9E-9	845.7E-3	119.9E-3	18.34	-6.7E-9
916	3.19	13.3E-9	26.4E-9	851.2E-3	120.7E-3	18.36	-6.6E-9	3.17	14.2E-9	28.7E-9	850.3E-3	121.3E-3	18.33	-6.5E-9
917	3.17	16.4E-9	27.2E-9	852.8E-3	120.0E-3	18.34	-6.2E-9	3.15	17.7E-9	28.2E-9	852.0E-3	121.2E-3	18.27	-6.2E-9
918	3.15	15.4E-9	26.8E-9	854.4E-3	119.8E-3	18.53	-7.8E-9	3.15	17.4E-9	27.5E-9	852.6E-3	120.1E-3	18.52	-7.7E-9
919	3.24	10.2E-9	20.8E-9	847.2E-3	119.4E-3	18.36	-7.4E-9	3.24	11.4E-9	22.7E-9	845.2E-3	120.6E-3	18.35	-7.0E-9
920	3.13	14.6E-9	25.2E-9	855.2E-3	126.7E-3	18.67	-7.6E-9	3.11	15.9E-9	27.7E-9	853.8E-3	127.3E-3	18.61	-7.1E-9
921	3.14	12.3E-9	26.4E-9	850.8E-3	119.9E-3	18.62	-8.2E-9	3.12	13.5E-9	27.6E-9	848.3E-3	120.9E-3	18.57	-7.9E-9
922	3.16	21.0E-9	21.6E-9	846.8E-3	127.7E-3	18.68	-5.9E-9	3.15	22.5E-9	24.0E-9	846.3E-3	128.3E-3	18.63	-5.7E-9
923	3.12	17.4E-9	23.2E-9	846.0E-3	127.5E-3	18.72	-7.8E-9	3.10	19.7E-9	24.1E-9	845.4E-3	127.7E-3	18.66	-7.2E-9
924	3.20	16.4E-9	19.6E-9	850.8E-3	127.2E-3	18.55	-7.0E-9	3.20	18.6E-9	21.7E-9	849.6E-3	127.3E-3	18.55	-6.4E-9
925	3.17	20.5E-9	24.4E-9	847.6E-3	127.4E-3	18.59	-6.4E-9	3.15	22.9E-9	25.9E-9	845.5E-3	127.8E-3	18.54	-5.8E-9
926	3.18	15.4E-9	21.6E-9	851.6E-3	128.0E-3	18.54	-6.5E-9	3.15	16.4E-9	22.3E-9	851.3E-3	128.9E-3	18.50	-6.1E-9
927	3.13	18.4E-9	25.2E-9	846.8E-3	128.2E-3	18.71	-7.6E-9	3.11	19.7E-9	27.1E-9	845.4E-3	128.6E-3	18.64	-7.3E-9
928	3.14	18.4E-9	24.0E-9	850.0E-3	129.2E-3	18.54	-7.0E-9	3.13	20.3E-9	26.7E-9	848.1E-3	130.1E-3	18.48	-6.4E-9
929	3.15	13.3E-9	27.6E-9	850.8E-3	119.5E-3	18.58	-6.8E-9	3.12	14.6E-9	29.9E-9	848.5E-3	119.7E-3	18.53	-6.3E-9
930	3.15	12.8E-9	28.0E-9	849.2E-3	119.7E-3	18.52	-7.2E-9	3.14	13.9E-9	30.6E-9	848.6E-3	120.5E-3	18.50	-7.3E-9

Steady State Reverse Bias
Mil-Std 750 M 1042-B, 500hrs, VGS= 520V, 150°C
Lot 6700

SN	Initials							500Hr End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSON 10V	GFS 17.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSON 10V	GFS 17.5A	IGSS -30V
931	3.25	11.8E-9	18.8E-9	848.0E-3	126.0E-3	18.35	-7.0E-9	3.22	13.2E-9	19.5E-9	846.2E-3	127.2E-3	18.29	-6.6E-9
932	3.17	15.4E-9	28.0E-9	846.8E-3	119.4E-3	18.54	-7.3E-9	3.16	17.3E-9	29.3E-9	844.8E-3	119.8E-3	18.53	-7.0E-9
933	3.18	12.8E-9	26.0E-9	845.6E-3	119.8E-3	18.41	-8.3E-9	3.18	13.7E-9	29.0E-9	842.8E-3	121.0E-3	18.40	-8.4E-9
934	3.18	14.3E-9	30.0E-9	848.0E-3	121.0E-3	18.47	-7.3E-9	3.16	15.4E-9	31.0E-9	846.1E-3	121.1E-3	18.40	-7.1E-9
935	3.31	10.2E-9	19.2E-9	851.6E-3	125.5E-3	18.30	-7.0E-9	3.29	11.5E-9	21.0E-9	848.8E-3	126.7E-3	18.29	-6.8E-9
936	3.33	15.4E-9	34.8E-9	853.6E-3	140.6E-3	17.80	-5.6E-9	3.33	16.0E-9	36.0E-9	852.3E-3	141.6E-3	17.73	-5.1E-9
937	3.25	9.2E-9	21.2E-9	846.8E-3	126.8E-3	18.32	-6.6E-9	3.24	10.5E-9	22.9E-9	845.1E-3	127.8E-3	18.28	-6.5E-9
938	3.22	20.5E-9	33.2E-9	856.0E-3	138.6E-3	18.18	-7.4E-9	3.19	22.8E-9	35.3E-9	855.4E-3	139.1E-3	18.15	-7.6E-9
939	3.32	9.2E-9	22.0E-9	851.2E-3	124.6E-3	18.23	-7.4E-9	3.31	10.4E-9	24.4E-9	848.5E-3	125.3E-3	18.17	-7.4E-9
940	3.22	21.0E-9	36.0E-9	853.2E-3	138.9E-3	18.16	-7.0E-9	3.21	22.7E-9	38.7E-9	850.5E-3	139.4E-3	18.11	-6.4E-9
941	3.33	9.7E-9	26.8E-9	847.2E-3	124.5E-3	18.28	-7.1E-9	3.31	11.1E-9	29.3E-9	845.9E-3	125.4E-3	18.21	-6.6E-9
942	3.23	22.0E-9	31.2E-9	844.0E-3	142.1E-3	18.04	-7.0E-9	3.20	23.9E-9	34.0E-9	841.9E-3	143.0E-3	18.00	-6.6E-9
943	3.34	13.8E-9	29.2E-9	852.0E-3	138.4E-3	17.96	-800.0E-12	3.32	14.5E-9	30.0E-9	851.9E-3	138.4E-3	17.89	-259.1E-12
944	3.28	14.9E-9	29.2E-9	852.4E-3	140.6E-3	17.96	-6.2E-9	3.26	16.5E-9	32.3E-9	852.3E-3	141.8E-3	17.91	-5.9E-9
945	3.26	14.3E-9	26.8E-9	853.6E-3	140.2E-3	18.02	-6.0E-9	3.23	16.4E-9	29.1E-9	851.9E-3	140.8E-3	18.02	-5.8E-9
946	3.29	14.3E-9	26.0E-9	849.6E-3	138.7E-3	17.96	-6.2E-9	3.26	16.2E-9	28.4E-9	848.1E-3	139.4E-3	17.90	-5.7E-9
947	3.25	11.3E-9	20.8E-9	846.4E-3	127.0E-3	18.34	-7.0E-9	3.22	12.5E-9	21.6E-9	845.9E-3	127.7E-3	18.27	-6.8E-9
948	3.24	18.4E-9	29.2E-9	846.0E-3	145.6E-3	17.99	-7.1E-9	3.23	19.4E-9	29.9E-9	845.4E-3	146.1E-3	17.93	-7.0E-9
949	3.21	17.4E-9	23.2E-9	851.2E-3	144.6E-3	18.02	-6.6E-9	3.21	18.8E-9	25.9E-9	848.9E-3	144.6E-3	17.96	-6.5E-9
950	3.22	18.4E-9	24.0E-9	846.8E-3	144.8E-3	18.07	-7.0E-9	3.20	20.7E-9	26.8E-9	844.3E-3	145.1E-3	18.03	-6.6E-9
951	3.28	11.3E-9	20.8E-9	856.8E-3	127.4E-3	18.24	-7.7E-9	3.27	12.1E-9	22.1E-9	856.5E-3	128.5E-3	18.17	-7.6E-9
952	3.20	16.4E-9	22.0E-9	846.8E-3	144.9E-3	18.13	-6.3E-9	3.18	18.1E-9	22.6E-9	845.5E-3	144.9E-3	18.10	-6.0E-9
953	3.21	12.8E-9	21.2E-9	845.2E-3	129.1E-3	18.35	-7.9E-9	3.20	13.7E-9	23.8E-9	843.8E-3	129.2E-3	18.30	-7.9E-9
954	3.19	18.4E-9	22.8E-9	855.6E-3	145.3E-3	18.13	-7.1E-9	3.19	20.4E-9	23.4E-9	854.5E-3	146.1E-3	18.07	-6.6E-9
955	3.20	13.8E-9	19.6E-9	846.8E-3	129.1E-3	18.47	-7.5E-9	3.19	15.3E-9	21.2E-9	846.5E-3	129.4E-3	18.44	-7.2E-9
956	3.19	16.4E-9	33.2E-9	844.8E-3	139.2E-3	18.42	-7.2E-9	3.18	18.5E-9	34.3E-9	843.5E-3	139.3E-3	18.36	-6.8E-9
957	3.20	12.3E-9	21.2E-9	847.2E-3	130.1E-3	18.42	-8.0E-9	3.19	14.1E-9	23.5E-9	844.5E-3	130.4E-3	18.37	-7.5E-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 6701

SN	Initials						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSON 10V	GFS 17.5A	IGSS -30V
1500	3.46	21.7E-9	27.7E-9	862.4E-3	135.3E-3	18.29	-925.7E-12
1501	3.50	18.3E-9	22.2E-9	867.2E-3	134.6E-3	18.36	158.5E-12
1502	3.47	21.5E-9	25.5E-9	863.4E-3	133.7E-3	18.37	-689.2E-12
1503	3.51	14.4E-9	27.8E-9	867.8E-3	132.7E-3	18.07	865.5E-12
1504	3.52	15.9E-9	24.5E-9	863.6E-3	133.1E-3	18.30	4.5E-9
1505	3.55	15.1E-9	41.1E-9	864.6E-3	132.2E-3	18.82	11.6E-9
1506	3.54	16.0E-9	27.8E-9	859.9E-3	132.7E-3	18.36	8.8E-9
1507	3.20	15.4E-9	22.1E-9	865.9E-3	132.7E-3	21.35	-46.9E-12
1508	3.31	15.1E-9	27.8E-9	864.0E-3	131.2E-3	20.10	-487.4E-12
1509	3.54	12.4E-9	23.8E-9	858.6E-3	132.6E-3	19.21	-922.5E-12
1510	3.52	14.3E-9	23.0E-9	861.5E-3	132.2E-3	18.61	1.2E-9
1511	3.56	16.0E-9	27.0E-9	861.0E-3	132.7E-3	18.69	706.3E-12
1512	3.50	21.3E-9	24.5E-9	860.6E-3	133.3E-3	18.74	5.6E-9
1513	3.53	17.7E-9	25.0E-9	868.6E-3	132.6E-3	18.74	3.3E-9
1514	3.47	20.8E-9	26.9E-9	862.0E-3	132.7E-3	18.52	3.2E-9
1515	3.47	10.7E-9	22.5E-9	866.7E-3	133.4E-3	18.52	4.9E-9
1516	3.18	12.1E-9	22.7E-9	861.6E-3	138.2E-3	21.22	319.7E-12
1517	3.17	20.4E-9	22.6E-9	859.5E-3	140.8E-3	21.26	-372.4E-12
1518	3.22	22.9E-9	23.5E-9	859.9E-3	139.8E-3	19.85	1.2E-9
1519	3.14	18.0E-9	25.2E-9	864.9E-3	138.9E-3	20.98	1.5E-9
1520	3.45	20.7E-9	23.5E-9	863.8E-3	138.2E-3	18.85	177.9E-12
1521	3.37	14.2E-9	28.8E-9	861.1E-3	140.3E-3	19.01	321.9E-12
1522	3.44	11.2E-9	25.6E-9	862.5E-3	138.1E-3	18.78	86.9E-12
1523	3.42	17.0E-9	26.5E-9	863.4E-3	138.2E-3	18.76	464.2E-12
1524	3.44	17.3E-9	24.9E-9	861.3E-3	136.8E-3	18.64	-22.7E-9
1525	3.42	10.0E-9	25.9E-9	866.1E-3	137.1E-3	18.70	-4.2E-9

1000Hr End Points						
VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSON 10V	GFS 17.5A	IGSS -30V
3.48	23.9E-9	28.3E-9	863.7E-3	135.8E-3	18.36	-1.7E-9
3.52	21.2E-9	23.0E-9	870.1E-3	134.7E-3	18.44	-599.9E-12
3.50	24.8E-9	30.0E-9	868.1E-3	134.1E-3	18.47	-1.6E-9
3.53	17.9E-9	30.1E-9	875.6E-3	132.8E-3	18.15	67.8E-12
3.53	18.8E-9	30.4E-9	867.5E-3	133.5E-3	18.33	3.5E-9
3.57	15.5E-9	50.6E-9	871.9E-3	132.7E-3	18.86	12.3E-9
3.55	18.7E-9	35.0E-9	864.1E-3	133.3E-3	18.38	8.8E-9
3.22	17.2E-9	23.7E-9	870.5E-3	133.2E-3	21.47	-767.5E-12
3.32	17.8E-9	34.1E-9	869.0E-3	131.9E-3	20.17	-1.4E-9
3.56	14.8E-9	25.4E-9	863.3E-3	133.3E-3	19.25	-1.8E-9
3.55	14.7E-9	24.4E-9	868.3E-3	132.8E-3	18.70	368.9E-12
3.58	18.0E-9	30.8E-9	867.5E-3	133.2E-3	18.78	-89.6E-12
3.51	23.9E-9	29.2E-9	866.0E-3	133.4E-3	18.80	4.9E-9
3.53	18.5E-9	28.5E-9	870.2E-3	132.9E-3	18.81	2.4E-9
3.50	25.4E-9	32.1E-9	866.2E-3	133.4E-3	18.59	2.7E-9
3.49	11.9E-9	24.6E-9	870.1E-3	134.0E-3	18.54	4.1E-9
3.18	13.0E-9	26.3E-9	869.3E-3	138.7E-3	21.25	-448.9E-12
3.18	23.8E-9	23.3E-9	867.0E-3	141.3E-3	21.32	-1.1E-9
3.24	26.5E-9	25.0E-9	865.6E-3	140.3E-3	19.96	408.3E-12
3.15	19.6E-9	30.6E-9	871.2E-3	139.5E-3	21.04	704.3E-12
3.46	24.3E-9	25.3E-9	867.4E-3	138.9E-3	18.89	-667.1E-12
3.38	14.8E-9	33.1E-9	862.3E-3	141.1E-3	19.08	-430.5E-12
3.46	11.9E-9	32.0E-9	868.2E-3	138.5E-3	18.85	-715.6E-12
3.44	19.6E-9	32.0E-9	869.4E-3	138.6E-3	18.85	-332.5E-12
3.46	18.9E-9	26.8E-9	864.3E-3	137.0E-3	18.74	-24.5E-9
3.43	11.4E-9	31.1E-9	873.2E-3	137.5E-3	18.81	-5.6E-9

High Temperature, High Humidity, Reverse Biase (H3TRB)

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

Lot 6701

SN	Initials						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSON 10V	GFS 17.5A	IGSS -30V
1526	3.46	10.7E-9	22.7E-9	867.4E-3	135.4E-3	18.48	4.8E-9
1527	3.44	12.7E-9	27.0E-9	858.3E-3	136.4E-3	18.55	16.9E-12
1528	3.46	15.7E-9	26.3E-9	861.3E-3	134.8E-3	18.36	297.7E-12
1529	3.46	17.9E-9	21.8E-9	866.7E-3	136.4E-3	18.27	300.4E-12
1530	3.48	15.2E-9	20.9E-9	864.5E-3	134.3E-3	18.21	654.1E-12
1531	3.47	16.2E-9	23.3E-9	863.1E-3	134.8E-3	18.35	-1.5E-9
1532	3.46	18.5E-9	23.7E-9	860.9E-3	134.4E-3	18.42	2.2E-9
1533	3.48	14.4E-9	23.6E-9	864.9E-3	134.2E-3	18.34	-748.0E-12
1534	3.45	20.4E-9	159.3E-9	861.9E-3	132.5E-3	18.81	-2.5E-9
1535	3.47	15.7E-9	25.4E-9	858.3E-3	133.8E-3	18.66	275.9E-12
1536	3.43	19.9E-9	22.7E-9	860.0E-3	140.9E-3	18.37	146.2E-12
1537	3.45	18.7E-9	17.4E-9	861.6E-3	141.7E-3	18.34	-1.2E-9
1538	3.61	17.3E-9	27.7E-9	864.3E-3	138.2E-3	18.23	-184.3E-12
1539	3.67	16.0E-9	31.7E-9	864.0E-3	139.0E-3	18.80	436.7E-12
1540	3.64	26.1E-9	28.5E-9	865.6E-3	138.4E-3	18.16	222.7E-12
1541	3.61	18.6E-9	32.3E-9	860.2E-3	137.8E-3	18.31	61.2E-12
1542	3.65	20.7E-9	28.8E-9	866.1E-3	138.7E-3	18.46	2.9E-9
1543	3.57	18.0E-9	29.5E-9	865.2E-3	136.7E-3	18.43	957.2E-12
1544	3.59	23.4E-9	27.7E-9	861.9E-3	138.1E-3	18.33	3.1E-9
1545	3.56	21.0E-9	31.1E-9	860.0E-3	137.0E-3	18.60	999.0E-12
1546	3.58	17.4E-9	24.4E-9	861.8E-3	136.5E-3	18.39	-207.4E-12
1547	3.51	24.1E-9	22.0E-9	867.2E-3	140.1E-3	18.11	2.2E-9
1548	3.53	15.7E-9	19.6E-9	861.8E-3	140.3E-3	18.06	2.0E-9
1549	3.50	23.3E-9	16.9E-9	858.4E-3	139.6E-3	18.06	-717.6E-12
1550	3.56	25.0E-9	24.8E-9	859.2E-3	141.8E-3	18.19	-762.4E-12
1551	3.53	17.7E-9	22.7E-9	864.3E-3	140.2E-3	18.12	612.7E-12

1000Hr End Points						
VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSON 10V	GFS 17.5A	IGSS -30V
3.48	13.2E-9	27.5E-9	871.0E-3	135.6E-3	18.51	3.5E-9
3.47	12.8E-9	28.1E-9	859.6E-3	136.7E-3	18.61	-822.6E-12
3.47	16.4E-9	29.7E-9	864.3E-3	135.0E-3	18.40	-505.2E-12
3.48	20.7E-9	23.4E-9	872.6E-3	136.6E-3	18.35	-527.2E-12
3.51	16.2E-9	24.9E-9	868.0E-3	134.9E-3	18.24	-146.0E-12
3.48	19.5E-9	24.5E-9	866.8E-3	135.1E-3	18.37	-2.3E-9
3.47	20.9E-9	26.7E-9	865.4E-3	135.2E-3	18.48	1.3E-9
3.51	16.5E-9	27.9E-9	866.1E-3	134.9E-3	18.44	-1.5E-9
3.46	20.9E-9	190.8E-9	868.6E-3	133.3E-3	18.92	-3.1E-9
3.48	19.5E-9	26.1E-9	860.3E-3	134.1E-3	18.73	-585.0E-12
3.44	23.6E-9	27.9E-9	867.4E-3	141.2E-3	18.41	-603.1E-12
3.48	20.4E-9	21.2E-9	863.1E-3	142.3E-3	18.38	-2.3E-9
3.62	20.2E-9	32.8E-9	868.2E-3	138.9E-3	18.32	-1.0E-9
3.69	17.2E-9	35.2E-9	865.7E-3	139.7E-3	18.82	-378.4E-12
3.66	30.3E-9	33.9E-9	869.1E-3	138.6E-3	18.23	-534.7E-12
3.62	20.4E-9	33.7E-9	865.8E-3	138.2E-3	18.35	-783.5E-12
3.67	20.9E-9	35.4E-9	867.7E-3	138.9E-3	18.54	2.2E-9
3.58	20.0E-9	36.3E-9	867.6E-3	136.8E-3	18.52	159.7E-12
3.60	26.4E-9	34.8E-9	864.2E-3	138.3E-3	18.43	2.5E-9
3.57	24.6E-9	34.2E-9	866.1E-3	137.5E-3	18.64	197.9E-12
3.59	19.5E-9	27.8E-9	864.9E-3	137.0E-3	18.45	-987.1E-12
3.52	28.3E-9	24.9E-9	870.0E-3	140.6E-3	18.18	1.3E-9
3.55	16.9E-9	20.5E-9	863.8E-3	140.7E-3	18.13	1.4E-9
3.51	25.9E-9	19.5E-9	861.4E-3	140.1E-3	18.13	-1.5E-9
3.57	27.8E-9	25.3E-9	864.1E-3	142.6E-3	18.23	-1.6E-9
3.55	21.1E-9	24.0E-9	870.2E-3	140.6E-3	18.22	-199.8E-12

High Temperature, High Humidity, Reverse Biase (H3TRB)

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

Lot 6701

SN	Initials							1000Hr End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSON 10V	GFS 17.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSON 10V	GFS 17.5A	IGSS -30V
1552	3.61	19.0E-9	22.8E-9	866.4E-3	142.5E-3	18.17	6.1E-9	3.63	23.4E-9	27.9E-9	868.4E-3	143.1E-3	18.21	4.9E-9
1553	3.55	21.8E-9	22.0E-9	867.9E-3	142.0E-3	17.98	800.0E-12	3.56	24.1E-9	26.7E-9	869.6E-3	142.7E-3	18.07	000.0E+0
1554	3.57	16.5E-9	22.9E-9	861.5E-3	141.7E-3	18.03	490.7E-12	3.58	20.3E-9	23.4E-9	868.1E-3	142.4E-3	18.09	-340.5E-12
1555	3.53	21.4E-9	20.3E-9	860.2E-3	141.7E-3	18.05	363.0E-12	3.54	22.3E-9	20.8E-9	862.7E-3	142.0E-3	18.15	-404.4E-12
1556	3.52	23.3E-9	18.1E-9	864.5E-3	141.6E-3	18.15	739.1E-12	3.54	25.1E-9	21.9E-9	868.6E-3	141.9E-3	18.23	-56.7E-12
1557	3.48	17.8E-9	24.9E-9	861.0E-3	141.0E-3	18.15	2.1E-9	3.50	21.0E-9	27.1E-9	862.3E-3	141.2E-3	18.24	1.2E-9
1558	3.50	19.2E-9	33.9E-9	864.9E-3	141.4E-3	18.04	1.5E-9	3.52	24.1E-9	37.7E-9	869.7E-3	142.0E-3	18.11	791.7E-12
1559	3.49	17.8E-9	20.4E-9	868.3E-3	137.9E-3	18.12	695.1E-12	3.51	19.7E-9	23.8E-9	871.8E-3	138.6E-3	18.14	-116.3E-12
1560	3.49	24.3E-9	21.5E-9	863.0E-3	139.2E-3	18.17	697.5E-12	3.50	30.1E-9	23.3E-9	870.7E-3	139.6E-3	18.20	-108.7E-12
1561	3.51	16.0E-9	23.4E-9	864.0E-3	136.5E-3	18.15	576.7E-12	3.53	19.4E-9	25.1E-9	867.8E-3	137.1E-3	18.26	-226.0E-12
1562	3.48	22.1E-9	22.5E-9	866.6E-3	136.9E-3	18.15	-86.3E-12	3.50	25.7E-9	27.6E-9	871.8E-3	137.5E-3	18.22	-832.3E-12
1563	3.53	15.8E-9	25.1E-9	858.6E-3	135.3E-3	18.12	489.4E-12	3.55	17.9E-9	30.8E-9	862.6E-3	135.5E-3	18.16	-304.2E-12
1564	3.53	17.2E-9	21.0E-9	867.3E-3	136.0E-3	18.12	-50.0E-12	3.54	20.3E-9	22.5E-9	873.8E-3	136.5E-3	18.17	-981.5E-12
1565	3.49	23.1E-9	22.1E-9	867.3E-3	133.0E-3	18.04	-467.5E-12	3.49	24.2E-9	23.0E-9	869.6E-3	133.8E-3	18.07	-1.3E-9
1566	3.48	14.2E-9	31.9E-9	859.3E-3	133.4E-3	18.09	-525.0E-12	3.49	14.4E-9	40.1E-9	864.8E-3	134.1E-3	18.14	-1.4E-9
1567	3.51	19.5E-9	29.8E-9	861.1E-3	131.7E-3	17.93	451.1E-12	3.51	22.7E-9	36.4E-9	867.6E-3	132.3E-3	17.99	-361.5E-12
1568	3.51	15.5E-9	25.0E-9	861.2E-3	132.2E-3	18.14	110.9E-12	3.51	19.4E-9	28.0E-9	863.9E-3	132.6E-3	18.16	-687.9E-12
1569	3.55	13.8E-9	27.9E-9	863.6E-3	131.3E-3	18.11	129.6E-12	3.57	15.9E-9	33.4E-9	865.3E-3	131.7E-3	18.20	-601.9E-12
1570	3.54	15.6E-9	28.6E-9	860.4E-3	131.1E-3	18.01	-208.6E-12	3.55	16.7E-9	29.2E-9	863.1E-3	131.6E-3	18.11	-993.6E-12
1571	3.56	11.2E-9	27.5E-9	864.0E-3	130.9E-3	18.11	701.9E-12	3.58	11.7E-9	28.9E-9	869.5E-3	131.4E-3	18.19	-118.1E-12
1572	3.59	14.7E-9	27.0E-9	864.4E-3	129.8E-3	18.64	965.0E-12	3.60	17.9E-9	33.4E-9	868.6E-3	130.0E-3	18.68	151.9E-12
1573	3.53	15.4E-9	25.4E-9	861.3E-3	131.8E-3	18.02	730.9E-12	3.54	19.2E-9	25.7E-9	866.3E-3	132.3E-3	18.08	-65.5E-12
1574	3.52	15.6E-9	27.2E-9	861.7E-3	132.1E-3	18.04	18.9E-12	3.54	16.4E-9	32.9E-9	865.9E-3	132.9E-3	18.13	-856.0E-12
1575	3.49	16.9E-9	26.3E-9	867.6E-3	133.2E-3	18.10	362.9E-12	3.50	17.1E-9	27.8E-9	872.5E-3	133.6E-3	18.14	-437.6E-12
1576	3.50	16.8E-9	26.1E-9	858.2E-3	133.1E-3	18.13	-178.1E-12	3.51	20.8E-9	31.7E-9	864.4E-3	133.5E-3	18.22	-875.0E-12

High Temperature, High Humidity, Reverse Biase (H3TRB)

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

Lot 6608

SN	Initials						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSON 10V	GFS 17.5A	IGSS -30V
1580	3.49	25.0E-9	41.5E-9	870.7E-3	136.6E-3	18.34	-1.9E-9
1581	3.52	26.2E-9	29.5E-9	873.3E-3	136.0E-3	18.44	-735.4E-12
1582	3.50	30.2E-9	32.2E-9	870.9E-3	135.1E-3	18.54	-1.9E-9
1583	3.54	19.5E-9	39.7E-9	874.0E-3	134.1E-3	18.24	79.7E-12
1584	3.56	21.0E-9	29.1E-9	869.9E-3	133.8E-3	18.39	3.6E-9
1585	3.59	19.5E-9	51.1E-9	872.8E-3	133.6E-3	19.02	12.8E-9
1586	3.59	22.6E-9	42.2E-9	867.8E-3	133.7E-3	18.47	10.5E-9
1587	3.34	18.7E-9	28.0E-9	877.4E-3	133.6E-3	21.52	-919.2E-12
1588	3.32	17.8E-9	37.6E-9	869.9E-3	132.0E-3	20.19	-1.4E-9
1589	3.56	15.7E-9	26.9E-9	863.5E-3	133.9E-3	19.37	-1.9E-9
1590	3.56	19.1E-9	27.8E-9	867.5E-3	133.1E-3	18.70	429.7E-12
1591	3.58	20.6E-9	36.9E-9	865.5E-3	133.9E-3	18.83	-106.9E-12
1592	3.33	22.8E-9	37.1E-9	867.9E-3	134.6E-3	18.82	5.4E-9
1593	3.56	22.0E-9	32.5E-9	880.9E-3	133.6E-3	18.89	3.4E-9
1594	3.50	24.2E-9	38.2E-9	870.5E-3	133.9E-3	18.64	2.5E-9
1595	3.51	13.2E-9	32.4E-9	871.3E-3	134.2E-3	18.58	4.9E-9
1596	3.40	14.4E-9	28.3E-9	871.4E-3	138.9E-3	21.41	-605.3E-12
1597	3.19	21.8E-9	32.2E-9	861.9E-3	141.6E-3	21.51	-1.3E-9
1598	3.27	32.1E-9	32.6E-9	863.5E-3	140.6E-3	20.03	491.5E-12
1599	3.16	23.3E-9	38.4E-9	874.9E-3	139.9E-3	21.20	806.9E-12
1600	3.48	26.4E-9	33.0E-9	869.1E-3	139.2E-3	19.00	-789.0E-12
1601	3.30	20.2E-9	39.1E-9	868.0E-3	141.4E-3	19.15	-560.7E-12
1602	3.45	14.4E-9	32.5E-9	869.7E-3	138.6E-3	18.92	-772.2E-12
1603	3.46	22.9E-9	34.7E-9	869.9E-3	138.9E-3	18.87	-436.3E-12
1604	3.47	22.6E-9	31.6E-9	865.7E-3	138.0E-3	18.73	-26.5E-9
1605	3.45	11.4E-9	27.7E-9	872.6E-3	138.2E-3	18.87	-6.2E-9

1000Hr End Points						
VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSON 10V	GFS 17.5A	IGSS -30V
3.51	29.9E-9	49.5E-9	875.9E-3	136.9E-3	18.37	-1.9E-9
3.52	28.4E-9	34.9E-9	874.5E-3	136.4E-3	18.51	-926.0E-12
3.52	37.0E-9	33.8E-9	872.9E-3	135.9E-3	18.57	-2.0E-9
3.56	20.9E-9	49.2E-9	875.6E-3	134.2E-3	18.30	86.4E-12
3.58	22.4E-9	36.1E-9	872.0E-3	134.0E-3	18.50	4.0E-9
3.60	24.1E-9	55.6E-9	876.5E-3	133.8E-3	19.04	13.8E-9
3.60	27.0E-9	51.9E-9	871.8E-3	133.9E-3	18.53	12.6E-9
3.35	23.0E-9	34.6E-9	879.6E-3	133.8E-3	21.57	-1.1E-9
3.34	21.5E-9	38.4E-9	872.3E-3	132.4E-3	20.27	-1.4E-9
3.58	16.2E-9	31.2E-9	868.0E-3	134.6E-3	19.42	-2.3E-9
3.58	23.0E-9	28.9E-9	871.4E-3	133.4E-3	18.77	450.7E-12
3.60	24.2E-9	40.8E-9	869.1E-3	134.4E-3	18.88	-116.9E-12
3.33	26.7E-9	46.5E-9	870.8E-3	135.4E-3	18.90	6.3E-9
3.58	22.8E-9	35.7E-9	885.5E-3	134.2E-3	18.94	4.1E-9
3.52	27.1E-9	47.0E-9	874.2E-3	134.5E-3	18.73	3.1E-9
3.51	16.6E-9	36.4E-9	875.7E-3	134.9E-3	18.66	6.0E-9
3.41	15.7E-9	33.1E-9	874.9E-3	139.7E-3	21.51	-718.0E-12
3.20	22.3E-9	34.8E-9	866.7E-3	142.2E-3	21.57	-1.4E-9
3.28	40.2E-9	34.5E-9	868.6E-3	141.3E-3	20.11	525.6E-12
3.16	23.8E-9	40.5E-9	877.7E-3	140.1E-3	21.25	874.3E-12
3.49	28.1E-9	36.7E-9	870.4E-3	139.6E-3	19.08	-857.5E-12
3.32	20.6E-9	45.0E-9	870.0E-3	141.9E-3	19.25	-675.6E-12
3.47	17.6E-9	38.2E-9	873.0E-3	139.3E-3	18.99	-921.3E-12
3.48	27.4E-9	41.8E-9	875.1E-3	139.6E-3	18.95	-443.2E-12
3.49	24.4E-9	36.3E-9	867.1E-3	138.3E-3	18.84	-30.8E-9
3.46	12.3E-9	34.5E-9	875.1E-3	138.7E-3	18.93	-6.9E-9

High Temperature, High Humidity, Reverse Biase (H3TRB)

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

Lot 6608

SN	Initials						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSON 10V	GFS 17.5A	IGSS -30V
1606	3.48	13.1E-9	26.5E-9	872.7E-3	136.3E-3	18.67	3.9E-9
1607	3.21	20.4E-9	33.6E-9	863.0E-3	126.9E-3	18.83	-11.5E-9
1608	3.26	17.1E-9	30.8E-9	859.1E-3	122.9E-3	18.88	-13.6E-9
1609	3.23	21.4E-9	27.9E-9	862.3E-3	124.0E-3	19.08	-4.6E-9
1610	3.49	15.2E-9	28.2E-9	870.3E-3	121.2E-3	18.94	8.8E-9
1611	3.29	16.4E-9	28.3E-9	859.7E-3	122.6E-3	18.98	-9.1E-9
1612	3.26	15.7E-9	39.2E-9	864.1E-3	122.6E-3	18.92	-7.4E-9
1613	3.25	20.1E-9	26.2E-9	866.8E-3	127.6E-3	19.13	-5.2E-9
1614	3.22	14.6E-9	28.6E-9	860.4E-3	126.3E-3	18.96	-11.1E-9
1615	3.25	11.8E-9	25.2E-9	863.2E-3	129.3E-3	18.82	-9.3E-9
1616	3.24	18.6E-9	32.8E-9	861.2E-3	127.2E-3	19.08	-8.2E-9
1617	3.36	15.7E-9	27.2E-9	870.0E-3	125.8E-3	18.78	-9.0E-9
1618	3.24	18.6E-9	25.2E-9	868.1E-3	128.6E-3	18.90	-13.2E-9
1619	3.35	23.8E-9	25.1E-9	864.2E-3	126.8E-3	18.65	-8.2E-9
1620	3.35	15.6E-9	34.2E-9	865.2E-3	127.6E-3	18.75	-3.2E-9
1621	3.27	25.3E-9	23.9E-9	860.1E-3	128.1E-3	18.94	1.0E-9
1622	3.28	10.9E-9	38.3E-9	867.4E-3	127.8E-3	18.89	-10.0E-9
1623	3.26	11.6E-9	31.1E-9	865.4E-3	126.6E-3	18.59	-9.7E-9
1624	3.27	22.2E-9	33.4E-9	864.3E-3	127.8E-3	18.83	-9.2E-9
1625	3.28	23.4E-9	31.9E-9	862.1E-3	126.1E-3	18.37	-6.7E-9
1626	3.30	17.0E-9	35.3E-9	868.3E-3	125.2E-3	18.56	-4.6E-9
1627	3.29	18.7E-9	29.0E-9	860.0E-3	124.7E-3	18.42	-8.5E-9
1628	3.34	15.0E-9	31.5E-9	865.7E-3	125.3E-3	18.40	-8.1E-9
1629	3.24	13.3E-9	25.3E-9	867.3E-3	126.1E-3	18.42	-9.0E-9
1630	3.55	22.8E-9	25.2E-9	858.7E-3	141.4E-3	18.18	-1.5E-9
1631	3.54	18.8E-9	20.4E-9	863.3E-3	140.4E-3	18.17	-150.6E-12

1000Hr End Points						
VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSON 10V	GFS 17.5A	IGSS -30V
3.50	14.9E-9	28.1E-9	873.7E-3	136.6E-3	18.70	4.6E-9
3.22	24.5E-9	37.6E-9	864.2E-3	127.3E-3	18.91	-13.8E-9
3.27	17.3E-9	35.3E-9	860.9E-3	123.1E-3	18.99	-14.8E-9
3.25	26.2E-9	30.1E-9	866.1E-3	124.6E-3	19.16	-5.5E-9
3.50	18.4E-9	34.2E-9	873.1E-3	121.5E-3	18.99	9.5E-9
3.30	18.3E-9	33.4E-9	861.6E-3	122.7E-3	19.03	-10.3E-9
3.27	17.4E-9	47.4E-9	865.9E-3	122.9E-3	18.96	-7.8E-9
3.26	24.4E-9	29.9E-9	868.5E-3	128.1E-3	19.25	-6.5E-9
3.24	15.2E-9	33.7E-9	861.5E-3	126.5E-3	19.04	-13.7E-9
3.26	13.6E-9	26.2E-9	868.1E-3	129.5E-3	18.88	-9.6E-9
3.26	20.8E-9	39.6E-9	865.0E-3	127.7E-3	19.14	-10.4E-9
3.37	19.7E-9	33.4E-9	873.3E-3	126.5E-3	18.89	-10.2E-9
3.25	21.6E-9	28.8E-9	870.9E-3	129.1E-3	18.93	-15.5E-9
3.35	27.5E-9	26.2E-9	867.8E-3	127.3E-3	18.71	-10.1E-9
3.37	18.6E-9	35.2E-9	869.3E-3	127.8E-3	18.78	-3.8E-9
3.29	27.1E-9	27.0E-9	864.9E-3	128.7E-3	19.03	1.1E-9
3.29	11.3E-9	42.3E-9	869.4E-3	127.9E-3	19.00	-11.9E-9
3.28	12.5E-9	34.5E-9	868.3E-3	126.7E-3	18.64	-10.5E-9
3.28	27.3E-9	36.4E-9	868.7E-3	128.2E-3	18.93	-10.0E-9
3.29	28.5E-9	39.7E-9	863.2E-3	126.4E-3	18.43	-8.1E-9
3.30	18.7E-9	43.3E-9	869.9E-3	125.8E-3	18.60	-5.5E-9
3.31	23.5E-9	35.7E-9	862.2E-3	125.3E-3	18.52	-10.5E-9
3.34	18.6E-9	35.7E-9	867.3E-3	125.5E-3	18.47	-9.0E-9
3.26	15.0E-9	26.7E-9	868.2E-3	126.7E-3	18.48	-10.4E-9
3.57	27.5E-9	26.2E-9	863.0E-3	142.2E-3	18.29	-1.6E-9
3.55	20.6E-9	21.9E-9	866.1E-3	140.8E-3	18.20	-160.9E-12

High Temperature, High Humidity, Reverse Biase (H3TRB)

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

Lot 6608

	Initials						
SN	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSON 10V	GFS 17.5A	IGSS -30V

	1000Hr End Points						
SN	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSON 10V	GFS 17.5A	IGSS -30V

1632	3.61	16.7E-9	22.9E-9	866.3E-3	142.2E-3	18.19	4.5E-9
1633	3.25	21.2E-9	20.0E-9	865.1E-3	141.4E-3	18.01	000.0E+0
1634	3.57	15.7E-9	22.9E-9	860.9E-3	141.6E-3	18.06	-293.3E-12
1635	3.53	20.2E-9	21.3E-9	859.1E-3	141.9E-3	18.02	-408.9E-12
1636	3.53	23.4E-9	21.7E-9	861.0E-3	141.7E-3	18.16	-58.6E-12
1637	3.47	18.8E-9	21.3E-9	861.6E-3	140.8E-3	18.12	1.2E-9
1638	3.49	21.3E-9	32.0E-9	863.0E-3	141.3E-3	18.04	729.0E-12
1639	3.49	21.4E-9	21.2E-9	864.7E-3	137.8E-3	18.13	-102.4E-12
1640	3.49	24.5E-9	21.0E-9	864.1E-3	138.9E-3	18.17	-114.1E-12
1641	3.51	17.0E-9	20.3E-9	864.6E-3	136.5E-3	18.11	-186.7E-12
1642	3.50	18.3E-9	19.7E-9	864.2E-3	136.8E-3	18.17	-791.7E-12
1643	3.53	17.5E-9	23.0E-9	857.9E-3	135.7E-3	18.08	-279.2E-12
1644	3.51	16.2E-9	21.6E-9	868.0E-3	135.6E-3	18.08	-801.7E-12
1645	3.48	21.8E-9	21.8E-9	865.0E-3	132.6E-3	18.09	-1.3E-9
1646	3.50	16.0E-9	32.7E-9	861.2E-3	134.0E-3	18.05	-1.2E-9
1647	3.51	20.8E-9	24.5E-9	862.1E-3	132.0E-3	17.96	-315.1E-12
1648	3.51	13.9E-9	23.4E-9	860.9E-3	132.3E-3	18.12	-655.9E-12
1649	3.55	15.2E-9	30.0E-9	864.5E-3	131.3E-3	18.12	-641.1E-12
1650	3.55	14.5E-9	27.1E-9	861.3E-3	131.2E-3	17.97	-932.6E-12
1651	3.56	12.1E-9	26.5E-9	864.1E-3	131.4E-3	18.14	-105.8E-12
1652	3.59	15.4E-9	26.7E-9	865.1E-3	130.3E-3	18.61	149.4E-12
1653	3.53	13.5E-9	21.7E-9	863.5E-3	131.8E-3	18.01	-55.8E-12
1654	3.53	14.4E-9	24.7E-9	860.2E-3	132.7E-3	18.09	-815.3E-12
1655	3.49	16.1E-9	26.9E-9	868.4E-3	133.4E-3	18.11	-364.9E-12
1656	3.49	16.3E-9	25.7E-9	861.2E-3	132.9E-3	18.09	-833.7E-12

3.62	20.1E-9	28.8E-9	869.1E-3	142.9E-3	18.29	5.4E-9
3.25	26.3E-9	21.5E-9	867.2E-3	141.9E-3	18.06	000.0E+0
3.59	16.5E-9	25.8E-9	864.4E-3	142.2E-3	18.17	-322.7E-12
3.55	23.1E-9	24.6E-9	863.7E-3	142.1E-3	18.09	-475.6E-12
3.54	24.6E-9	25.6E-9	864.0E-3	142.3E-3	18.21	-66.2E-12
3.49	20.5E-9	23.3E-9	866.0E-3	141.2E-3	18.20	1.4E-9
3.50	24.9E-9	35.8E-9	866.9E-3	141.6E-3	18.15	870.1E-12
3.51	23.9E-9	21.8E-9	869.7E-3	138.1E-3	18.19	-123.9E-12
3.50	29.5E-9	21.7E-9	868.6E-3	139.5E-3	18.26	-137.9E-12
3.51	20.8E-9	22.6E-9	866.0E-3	136.7E-3	18.18	-232.5E-12
3.50	19.1E-9	21.4E-9	867.7E-3	137.1E-3	18.25	-900.8E-12
3.55	20.3E-9	28.2E-9	862.9E-3	136.3E-3	18.16	-342.2E-12
3.52	19.8E-9	21.8E-9	872.6E-3	136.2E-3	18.10	-886.1E-12
3.49	22.9E-9	26.8E-9	867.6E-3	132.7E-3	18.12	-1.5E-9
3.51	17.6E-9	34.6E-9	862.1E-3	134.4E-3	18.11	-1.3E-9
3.52	25.9E-9	27.0E-9	863.4E-3	132.8E-3	17.99	-388.5E-12
3.53	16.5E-9	27.9E-9	865.1E-3	132.7E-3	18.15	-747.2E-12
3.55	16.8E-9	34.9E-9	867.7E-3	131.5E-3	18.15	-678.1E-12
3.57	17.9E-9	32.0E-9	864.3E-3	131.8E-3	18.06	-1.2E-9
3.57	14.9E-9	29.1E-9	868.5E-3	131.6E-3	18.21	-123.0E-12
3.60	18.9E-9	33.4E-9	867.2E-3	131.0E-3	18.71	164.5E-12
3.54	13.6E-9	26.7E-9	866.2E-3	132.4E-3	18.06	-62.2E-12
3.54	16.5E-9	25.1E-9	862.3E-3	133.2E-3	18.11	-907.6E-12
3.51	16.8E-9	29.8E-9	872.5E-3	134.1E-3	18.16	-409.7E-12
3.51	17.7E-9	31.7E-9	865.3E-3	133.3E-3	18.16	-951.6E-12

High Temperature, High Humidity, Reverse Biase (H3TRB)

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

Lot 6700

SN	Initials							1000Hr End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSON 10V	GFS 17.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSON 10V	GFS 17.5A	IGSS -30V
1660	3.18	16.7E-9	23.7E-9	856.9E-3	125.8E-3	18.72	-8.3E-9	3.19	17.5E-9	26.3E-9	858.7E-3	126.2E-3	18.79	-9.9E-9
1661	3.24	15.4E-9	22.5E-9	854.6E-3	122.3E-3	18.73	-9.7E-9	3.26	18.4E-9	22.9E-9	858.5E-3	122.5E-3	18.83	-10.7E-9
1662	3.21	19.1E-9	20.1E-9	856.8E-3	122.9E-3	18.92	-3.9E-9	3.22	20.8E-9	22.8E-9	861.0E-3	123.4E-3	19.00	-4.5E-9
1663	3.26	11.1E-9	19.3E-9	861.4E-3	120.4E-3	18.83	5.6E-9	3.27	11.8E-9	22.7E-9	866.1E-3	121.1E-3	18.91	6.4E-9
1664	3.26	14.5E-9	22.6E-9	855.4E-3	121.5E-3	18.81	-7.5E-9	3.27	15.7E-9	23.3E-9	860.3E-3	122.2E-3	18.84	-8.8E-9
1665	3.23	13.3E-9	28.1E-9	859.2E-3	121.8E-3	18.81	-6.0E-9	3.24	14.4E-9	35.1E-9	863.9E-3	122.2E-3	18.90	-7.1E-9
1666	3.24	15.7E-9	19.9E-9	863.1E-3	126.7E-3	18.99	-3.5E-9	3.25	17.9E-9	23.7E-9	866.7E-3	127.1E-3	19.08	-4.1E-9
1667	3.20	12.5E-9	19.9E-9	855.5E-3	125.6E-3	18.89	-9.0E-9	3.22	13.1E-9	22.7E-9	858.1E-3	125.8E-3	18.97	-10.4E-9
1668	3.24	10.4E-9	20.9E-9	857.2E-3	128.3E-3	18.74	-7.5E-9	3.25	12.8E-9	26.2E-9	860.1E-3	128.9E-3	18.79	-9.1E-9
1669	3.23	11.8E-9	22.2E-9	855.2E-3	126.7E-3	18.95	-6.8E-9	3.25	13.9E-9	25.8E-9	859.4E-3	126.9E-3	19.05	-7.9E-9
1670	3.35	12.0E-9	20.6E-9	863.1E-3	125.4E-3	18.62	-7.3E-9	3.36	14.4E-9	24.9E-9	866.4E-3	125.6E-3	18.70	-8.8E-9
1671	3.22	16.3E-9	21.2E-9	859.5E-3	127.7E-3	18.78	-8.8E-9	3.24	16.9E-9	25.0E-9	861.5E-3	127.9E-3	18.82	-10.0E-9
1672	3.49	13.4E-9	26.9E-9	874.2E-3	136.6E-3	18.76	4.1E-9	3.50	13.8E-9	32.4E-9	878.1E-3	137.1E-3	18.81	4.4E-9
1673	3.22	25.0E-9	40.1E-9	864.4E-3	127.4E-3	18.88	-12.3E-9	3.24	26.3E-9	45.5E-9	865.7E-3	127.6E-3	18.97	-14.9E-9
1674	3.27	20.2E-9	32.0E-9	862.8E-3	123.6E-3	18.94	-16.4E-9	3.29	21.2E-9	34.9E-9	866.3E-3	124.0E-3	19.03	-19.5E-9
1675	3.25	22.2E-9	32.0E-9	864.6E-3	124.3E-3	19.12	-5.0E-9	3.27	23.4E-9	34.2E-9	868.7E-3	124.8E-3	19.17	-5.4E-9
1676	3.30	18.8E-9	35.1E-9	874.9E-3	121.7E-3	18.99	10.6E-9	3.32	23.5E-9	36.4E-9	875.8E-3	121.9E-3	19.10	11.1E-9
1677	3.31	18.1E-9	30.9E-9	861.6E-3	122.9E-3	19.05	-10.3E-9	3.33	18.3E-9	33.3E-9	863.0E-3	123.3E-3	19.09	-11.0E-9
1678	3.27	19.1E-9	44.7E-9	865.1E-3	123.2E-3	19.02	-9.1E-9	3.29	20.9E-9	56.1E-9	866.3E-3	123.4E-3	19.11	-10.6E-9
1679	3.27	21.0E-9	28.9E-9	868.3E-3	128.3E-3	19.21	-5.7E-9	3.28	23.1E-9	33.2E-9	873.3E-3	128.8E-3	19.28	-6.2E-9
1680	3.24	16.0E-9	33.1E-9	864.0E-3	126.5E-3	19.03	-13.2E-9	3.25	19.3E-9	33.6E-9	867.4E-3	127.0E-3	19.13	-14.7E-9
1681	3.26	12.2E-9	27.9E-9	868.2E-3	129.4E-3	18.84	-11.0E-9	3.26	13.1E-9	30.7E-9	871.2E-3	130.1E-3	18.91	-11.9E-9
1682	3.25	21.3E-9	36.6E-9	863.4E-3	127.4E-3	19.18	-9.5E-9	3.26	21.7E-9	38.2E-9	866.8E-3	127.7E-3	19.24	-11.1E-9
1683	3.38	16.3E-9	30.7E-9	873.7E-3	126.1E-3	18.82	-11.0E-9	3.39	20.5E-9	32.7E-9	876.2E-3	126.7E-3	18.88	-12.5E-9
1684	3.25	21.5E-9	28.8E-9	870.0E-3	129.4E-3	19.01	-15.9E-9	3.25	23.9E-9	33.8E-9	874.3E-3	129.7E-3	19.12	-17.5E-9
1685	3.36	24.4E-9	26.3E-9	866.3E-3	127.4E-3	18.74	-8.7E-9	3.37	25.1E-9	31.5E-9	871.1E-3	128.0E-3	18.80	-10.6E-9

High Temperature, High Humidity, Reverse Biase (H3TRB)

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

Lot 6700

SN	Initials							1000Hr End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSON 10V	GFS 17.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSON 10V	GFS 17.5A	IGSS -30V
1686	3.36	17.5E-9	39.4E-9	869.3E-3	127.8E-3	18.84	-3.4E-9	3.38	19.8E-9	49.7E-9	872.9E-3	128.5E-3	18.86	-3.7E-9
1687	3.29	28.7E-9	26.1E-9	864.2E-3	128.8E-3	18.99	1.1E-9	3.29	31.4E-9	30.3E-9	865.1E-3	129.0E-3	19.01	1.2E-9
1688	3.28	12.5E-9	47.8E-9	869.5E-3	128.3E-3	18.94	-10.4E-9	3.30	15.5E-9	57.8E-9	872.3E-3	129.0E-3	19.04	-12.6E-9
1689	3.27	13.9E-9	33.7E-9	869.8E-3	127.3E-3	18.65	-11.3E-9	3.28	14.6E-9	40.2E-9	871.3E-3	127.5E-3	18.67	-13.5E-9
1690	3.28	22.6E-9	39.0E-9	866.6E-3	128.3E-3	18.89	-10.9E-9	3.30	27.3E-9	41.7E-9	870.4E-3	128.6E-3	18.99	-13.1E-9
1691	3.30	26.4E-9	36.4E-9	866.2E-3	126.3E-3	18.46	-8.4E-9	3.32	30.2E-9	41.7E-9	869.9E-3	126.5E-3	18.56	-9.6E-9
1692	3.32	18.3E-9	43.0E-9	873.1E-3	125.7E-3	18.60	-5.3E-9	3.33	19.7E-9	50.5E-9	877.4E-3	126.2E-3	18.70	-5.8E-9
1693	3.30	21.4E-9	29.7E-9	863.8E-3	125.3E-3	18.46	-9.5E-9	3.31	22.2E-9	35.5E-9	866.8E-3	125.7E-3	18.52	-10.0E-9
1694	3.36	16.3E-9	38.7E-9	868.4E-3	126.0E-3	18.43	-8.5E-9	3.37	17.6E-9	43.2E-9	871.1E-3	126.4E-3	18.49	-8.8E-9
1695	3.26	16.6E-9	26.1E-9	868.9E-3	126.8E-3	18.49	-10.4E-9	3.27	20.4E-9	32.5E-9	871.7E-3	127.0E-3	18.54	-10.8E-9
1696	3.57	25.5E-9	31.3E-9	862.0E-3	141.9E-3	18.22	-1.6E-9	3.57	29.1E-9	39.1E-9	864.2E-3	142.6E-3	18.26	-1.8E-9
1697	3.55	19.9E-9	20.8E-9	864.6E-3	141.2E-3	18.22	-189.5E-12	3.57	22.1E-9	22.6E-9	869.6E-3	141.5E-3	18.30	-223.1E-12
1698	3.63	19.7E-9	24.3E-9	867.8E-3	142.5E-3	18.21	4.7E-9	3.64	21.6E-9	30.2E-9	869.3E-3	143.3E-3	18.32	5.5E-9
1699	3.56	22.4E-9	23.2E-9	869.9E-3	142.2E-3	18.07	000.0E+0	3.57	27.0E-9	23.7E-9	874.1E-3	142.6E-3	18.16	000.0E+0
1700	3.57	16.1E-9	25.3E-9	863.7E-3	142.4E-3	18.10	-329.0E-12	3.58	18.3E-9	29.3E-9	865.8E-3	142.6E-3	18.16	-387.2E-12
1701	3.54	23.7E-9	22.4E-9	860.1E-3	142.3E-3	18.07	-496.2E-12	3.55	28.1E-9	23.2E-9	862.0E-3	142.8E-3	18.16	-624.7E-12
1702	3.55	27.8E-9	23.7E-9	862.1E-3	142.2E-3	18.21	-60.2E-12	3.57	31.2E-9	25.4E-9	863.6E-3	142.6E-3	18.30	-71.7E-12
1703	3.49	22.3E-9	25.3E-9	865.1E-3	141.3E-3	18.19	1.3E-9	3.50	23.1E-9	26.6E-9	867.1E-3	141.5E-3	18.27	1.7E-9
1704	3.49	21.8E-9	38.9E-9	864.2E-3	142.0E-3	18.13	873.6E-12	3.51	26.8E-9	47.5E-9	868.3E-3	142.5E-3	18.21	1.0E-9
1705	3.51	24.0E-9	21.8E-9	866.5E-3	138.1E-3	18.21	-114.8E-12	3.52	28.1E-9	26.5E-9	870.3E-3	138.3E-3	18.31	-139.8E-12
1706	3.50	26.4E-9	25.8E-9	867.8E-3	139.7E-3	18.26	-126.2E-12	3.51	31.6E-9	29.0E-9	871.9E-3	140.3E-3	18.32	-143.6E-12
1707	3.53	20.1E-9	24.8E-9	866.0E-3	137.3E-3	18.14	-210.6E-12	3.53	21.2E-9	27.3E-9	870.8E-3	138.0E-3	18.17	-239.1E-12
1708	3.51	19.1E-9	20.8E-9	869.2E-3	137.6E-3	18.26	-801.1E-12	3.53	21.7E-9	23.1E-9	873.9E-3	138.1E-3	18.34	-910.3E-12
1709	3.54	18.5E-9	25.1E-9	860.5E-3	135.9E-3	18.14	-317.8E-12	3.55	22.4E-9	25.7E-9	863.5E-3	136.5E-3	18.22	-341.5E-12
1710	3.31	16.6E-9	18.7E-9	862.4E-3	121.8E-3	18.63	-8.4E-9	3.32	20.7E-9	20.6E-9	865.7E-3	122.4E-3	18.71	-10.0E-9
1711	3.31	15.6E-9	18.5E-9	860.9E-3	121.0E-3	18.59	-7.2E-9	3.32	19.3E-9	20.1E-9	863.8E-3	121.5E-3	18.69	-8.2E-9

High Temperature, High Humidity, Reverse Biase (H3TRB)

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

Lot 6700

SN	Initials							1000Hr End Points						
	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSON 10V	GFS 17.5A	IGSS -30V	VTH 250uA	IGSS 30V	IDSS 600V	VSD 15A	RDSON 10V	GFS 17.5A	IGSS -30V
1712	3.28	16.8E-9	19.1E-9	857.4E-3	123.2E-3	18.56	-7.4E-9	3.29	20.9E-9	20.5E-9	858.6E-3	123.9E-3	18.63	-8.1E-9
1713	3.25	19.4E-9	18.4E-9	862.7E-3	120.8E-3	18.57	-7.9E-9	3.26	20.2E-9	20.6E-9	865.6E-3	121.4E-3	18.59	-8.1E-9
1714	3.29	13.6E-9	18.3E-9	856.5E-3	119.7E-3	18.63	-7.0E-9	3.30	14.7E-9	21.0E-9	858.1E-3	120.1E-3	18.67	-7.3E-9
1715	3.28	18.3E-9	20.9E-9	862.4E-3	121.5E-3	18.67	-7.9E-9	3.29	21.4E-9	25.1E-9	863.9E-3	121.9E-3	18.71	-9.8E-9
1716	3.22	21.0E-9	17.2E-9	861.9E-3	120.8E-3	18.73	-8.0E-9	3.23	21.8E-9	21.3E-9	863.3E-3	121.5E-3	18.76	-9.2E-9
1717	3.25	17.2E-9	19.4E-9	858.6E-3	120.7E-3	18.70	-7.9E-9	3.25	19.8E-9	22.7E-9	861.0E-3	120.8E-3	18.75	-9.9E-9
1718	3.18	16.7E-9	34.3E-9	856.9E-3	123.3E-3	18.96	-9.3E-9	3.20	17.2E-9	35.7E-9	860.4E-3	123.9E-3	18.99	-10.3E-9
1719	3.29	17.1E-9	19.1E-9	861.5E-3	119.8E-3	18.75	-4.3E-9	3.29	19.5E-9	22.7E-9	866.1E-3	120.0E-3	18.78	-4.9E-9
1720	3.17	17.6E-9	22.4E-9	854.1E-3	123.9E-3	18.93	-10.0E-9	3.19	21.6E-9	26.1E-9	855.6E-3	124.2E-3	19.00	-10.7E-9
1721	3.23	16.2E-9	19.3E-9	858.3E-3	122.2E-3	18.65	-6.3E-9	3.24	17.3E-9	22.1E-9	859.4E-3	122.9E-3	18.71	-7.2E-9
1722	3.21	19.3E-9	19.1E-9	858.9E-3	130.0E-3	18.94	-8.8E-9	3.22	22.5E-9	19.6E-9	861.3E-3	130.4E-3	19.03	-10.2E-9
1723	3.22	12.7E-9	20.6E-9	861.6E-3	131.3E-3	18.75	-7.8E-9	3.24	14.9E-9	22.1E-9	862.9E-3	131.7E-3	18.83	-8.7E-9
1724	3.27	14.1E-9	17.6E-9	859.1E-3	131.8E-3	18.81	-6.5E-9	3.27	16.1E-9	22.0E-9	863.1E-3	132.2E-3	18.87	-8.0E-9
1725	3.33	20.5E-9	23.4E-9	858.4E-3	128.3E-3	18.62	-5.6E-9	3.35	20.9E-9	27.1E-9	859.7E-3	128.8E-3	18.71	-6.6E-9
1726	3.27	15.0E-9	27.6E-9	863.9E-3	129.3E-3	18.67	1.4E-9	3.28	17.7E-9	31.0E-9	867.9E-3	130.1E-3	18.76	1.6E-9
1727	3.36	21.3E-9	24.6E-9	861.5E-3	126.4E-3	18.44	3.5E-9	3.38	23.2E-9	27.7E-9	866.3E-3	126.6E-3	18.50	4.0E-9
1728	3.20	11.4E-9	22.2E-9	856.8E-3	123.6E-3	19.18	-8.8E-9	3.22	13.4E-9	25.7E-9	859.8E-3	124.3E-3	19.22	-10.1E-9
1729	3.29	11.7E-9	24.9E-9	855.3E-3	128.6E-3	18.55	-6.3E-9	3.30	12.5E-9	28.0E-9	856.6E-3	129.2E-3	18.61	-6.3E-9
1730	3.22	15.5E-9	20.0E-9	858.9E-3	123.3E-3	18.86	-7.7E-9	3.23	16.2E-9	21.9E-9	861.2E-3	123.8E-3	18.88	-9.1E-9
1731	3.23	10.8E-9	21.7E-9	862.4E-3	124.9E-3	19.08	-3.7E-9	3.24	13.0E-9	25.5E-9	866.2E-3	125.3E-3	19.11	-3.8E-9
1732	3.26	15.4E-9	25.4E-9	860.9E-3	123.1E-3	18.70	-7.3E-9	3.28	17.7E-9	29.3E-9	862.8E-3	123.6E-3	18.80	-8.7E-9
1733	3.19	13.6E-9	24.6E-9	858.7E-3	123.6E-3	18.90	-8.6E-9	3.19	15.5E-9	30.9E-9	860.8E-3	124.3E-3	18.97	-9.8E-9
1734	3.25	14.7E-9	21.5E-9	854.9E-3	123.7E-3	18.81	-9.1E-9	3.26	17.0E-9	23.3E-9	859.9E-3	123.9E-3	18.90	-10.7E-9
1735	3.25	17.6E-9	20.5E-9	859.5E-3	123.7E-3	18.63	-8.1E-9	3.26	20.2E-9	23.3E-9	864.5E-3	124.4E-3	18.65	-8.6E-9
1736	3.23	17.2E-9	23.1E-9	861.4E-3	123.6E-3	18.84	-8.7E-9	3.24	18.2E-9	28.3E-9	865.9E-3	124.1E-3	18.91	-10.1E-9

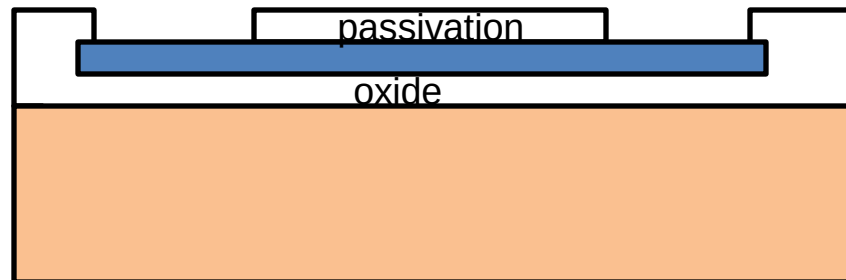
MOSFET ELECTROMIGRATION

Electromigration Test Structure

Metal Resistor (5 μ m width)

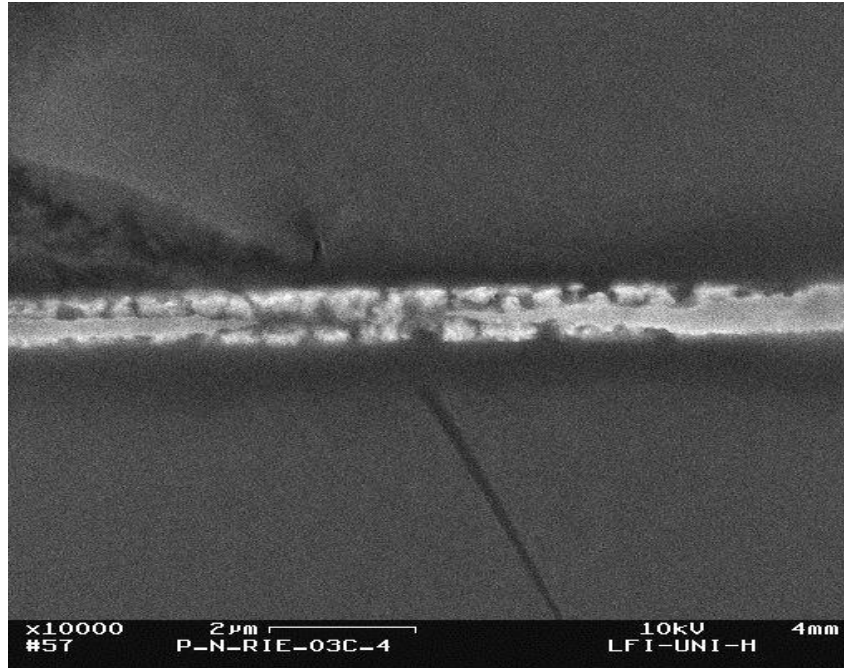


Top View



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/um2	um	um	mA/um	mA/um2
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

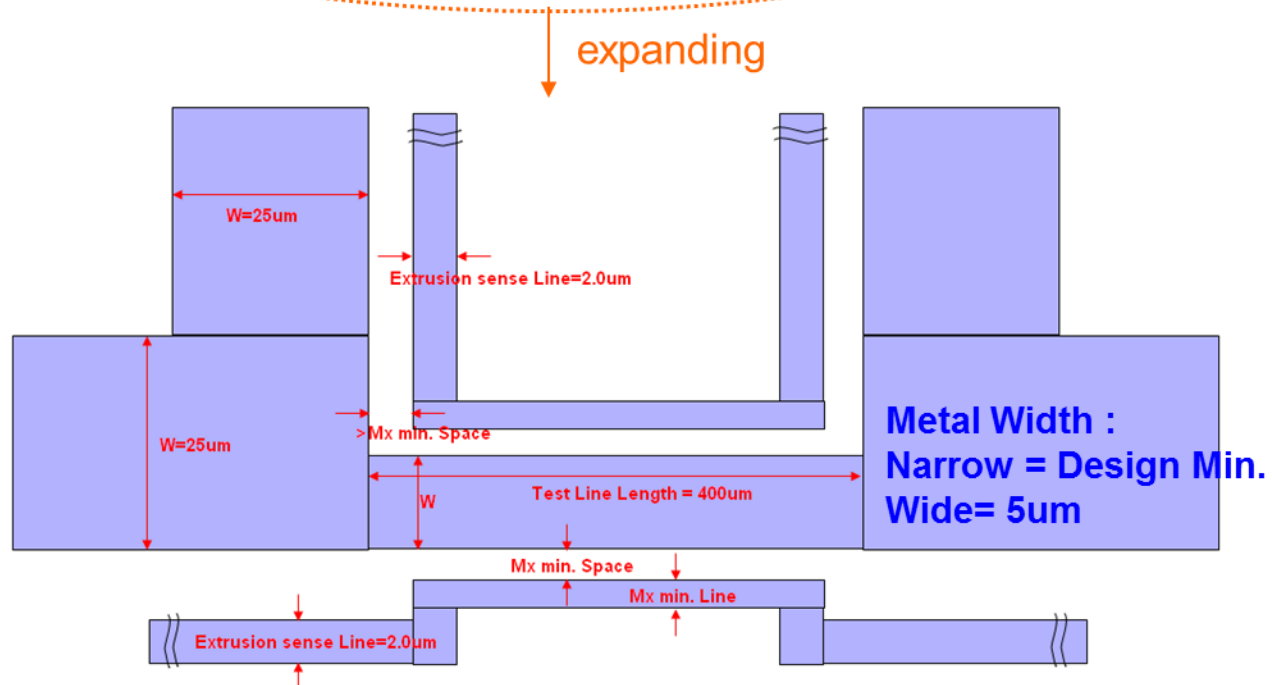
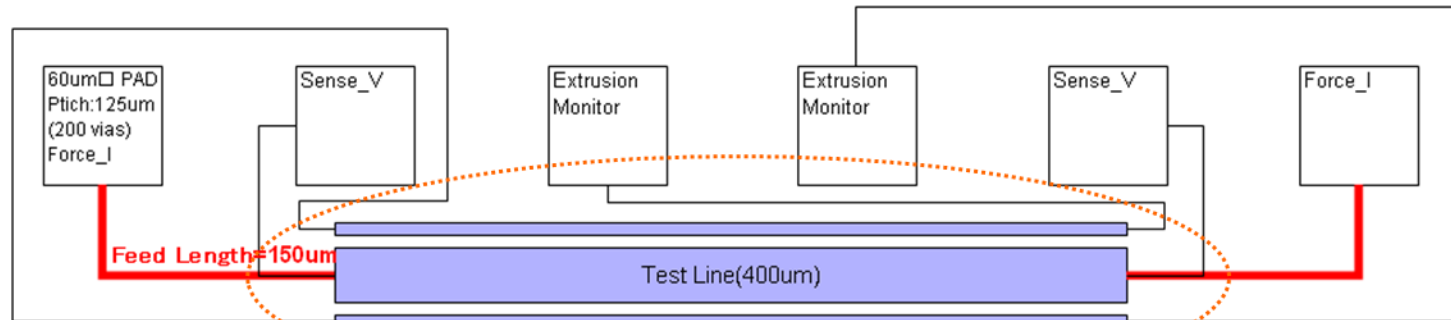
n = Empirical Current Density Exponent = 2

E_a = EM Activation Energy = 0.50 eV

K = Boltzmann's Constant

T = Temperature (K)

2um Thick, 5um Wide Metal Line Test Structure



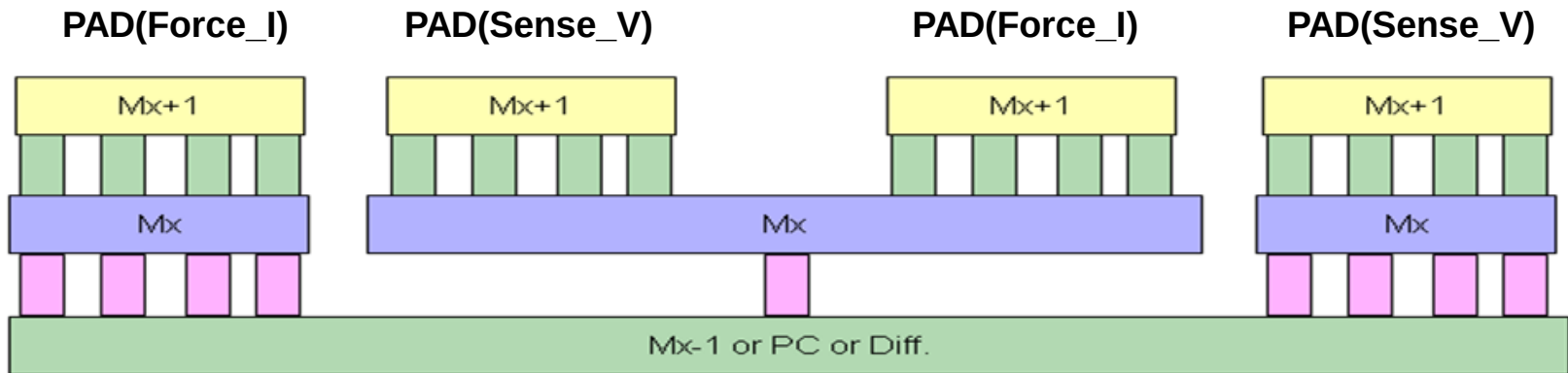
2um Thick, 5um Wide Metal Line

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

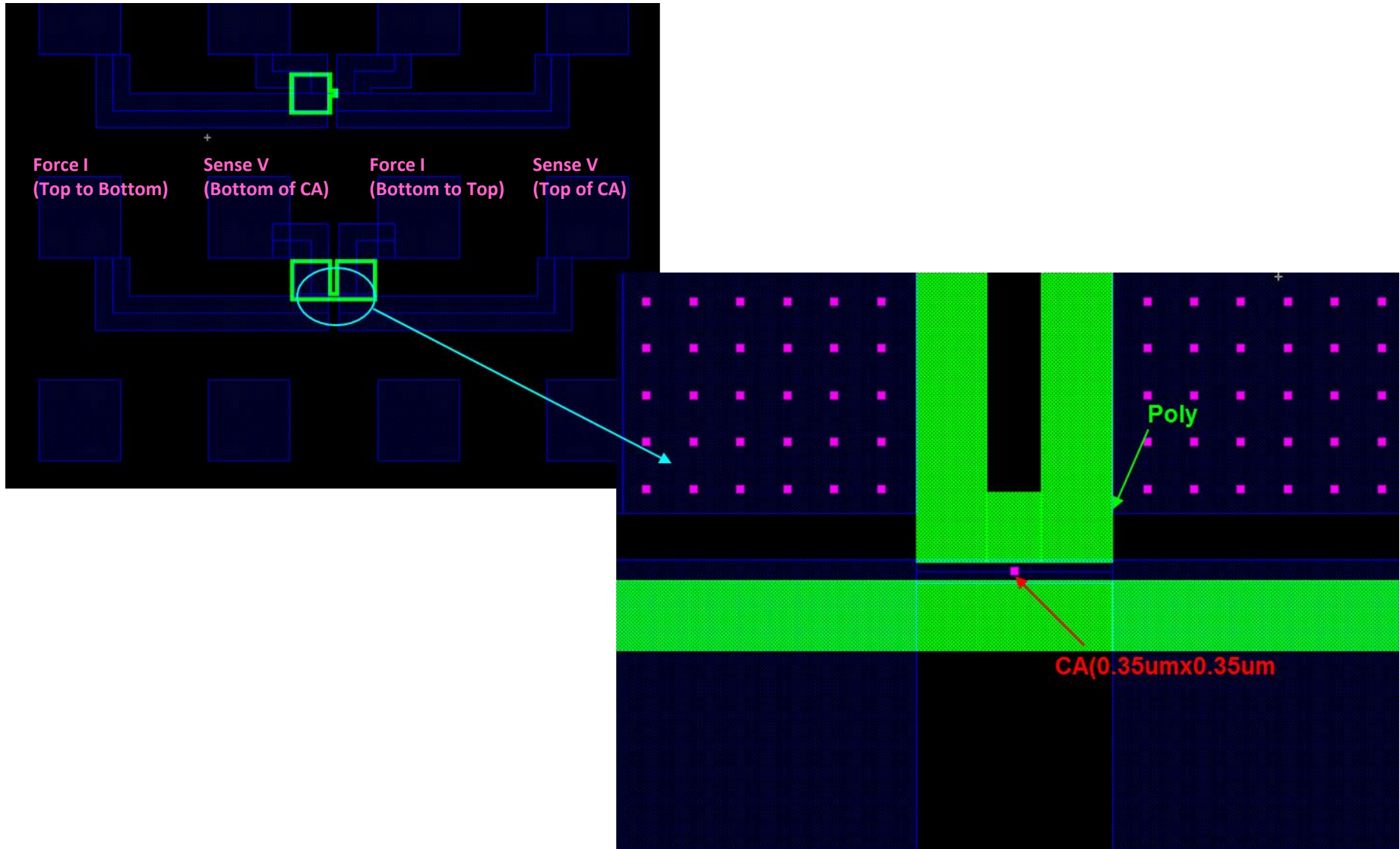


Single Via 1 - EM Test Data Summary

Single Via1

#	175°C		200°C		250°C		200°C		200°C	
	144mA		144mA		144mA		153mA		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										
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										
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										
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										
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	
	9.8mA		9.8mA		9.8mA		11mA	
	0.122um**2		0.122um**2		0.122um**2		0.122um**2	
	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)

ICE20N170 FP 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

US7,429,772

US7,439,178

US7,446,018

US7,579,607

US7,723,172

US7,795,045

US7,846,821

US7,944,018

US8,012,806

US8,030,133

3D SEMI PATENTS LICENSED TO ICEMOS

US7,041,560B2

US7,023,069B2

US7,364,994

US7,227,197B2

US7,304,944B2

US7,052,982B2

US7,339,252

US7,410,891

US7,439,583

US7,227,197B2

US6,635,906

US6,936,867

US7,015,104

US9,109,110

Unclamped Inductive Switching (UIS)

Unclamped Inductive Switching Test Method

The operation of this test circuit is as follows:

1. At time zero, the input gate drive is turned on.
2. The MOSFET then switches on and I_D current rises to the desired test current at the rate defined by equation (2).

$$di/dt = VDD/L \quad (2)$$

3. Once the desired test current is reached, the gate drive is switched off which abruptly turns off the MOSFET. Since the inductive load current cannot change instantaneously, the EMF of the inductor drives the MOSFET into drain-to-source avalanche (Figure 3).

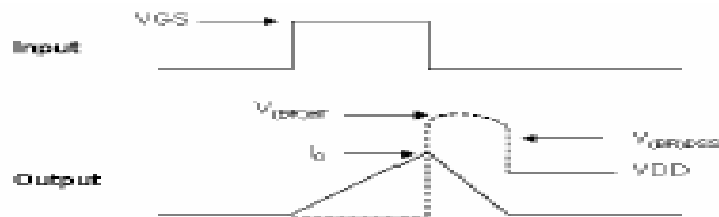


Figure 3. UIS Waveforms

The critical equations resulting from this UIS test circuit are listed below:

$$V_{(BR)eff} = 1.3 * \text{Rated } V_{(BR)DSS} \quad (3)$$

$$t(av) = (I_o * L) / (V_{(BR)eff} - VDD) \quad (4)$$

$$EAS = \frac{1}{2} * I_o * V_{(BR)eff} * t(av) \quad (5)$$

or,

$$EAS = \frac{1}{2} * L * I_o^2 * V_{(BR)eff} / (V_{(BR)eff} - VDD) \quad (6)$$

where,

$V_{(BR)eff}$ = effective drain-to-source breakdown voltage at peak discharge current. Note that $V_{(BR)eff}$ is much higher than the device's $V_{(BR)DSS}$ rating found on data sheets. This is because 1) device manufacturers guard-band their specifications and 2) the UIS avalanche current is much higher than that specified for $V_{(BR)DSS}$ and $V_{(BR)DSS}$ increases with current and finally 3) the device heats up during UIS and $V_{(BR)DSS}$ increases with temperature. A value of $1.3 * V_{(BR)DSS}$ has been found to be a good rule of thumb for $V_{(BR)eff}$.

$t(av)$ = time in avalanche

EAS = energy in avalanche, single pulse

I_o = peak current being discharged

L = load inductance

VDD = supply voltage

Another commonly used test circuit for UIS is shown in Figure 4. Its advantage over the previously described test circuit is that it switches out the VDD supply during avalanche by use of a high speed switch (HSW).

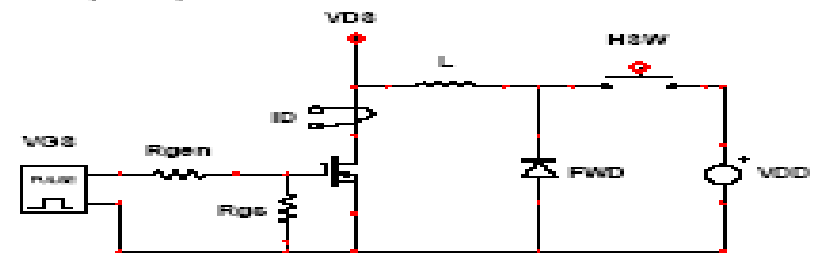


Figure 4. Modified UIS Test Circuit

By switching out the supply voltage during device avalanche, two significant advantages are made available. First, the user can increase the VDD supply beyond the MOSFET's maximum rated V_{DS} . This speeds up the inductor's initial charge ramp time leading to overall faster test times as well as less device on-state time and therefore less self heating of the device prior to avalanche. Secondly, the UIS test circuit calculations are simplified to the following:

$$t(av) = (I_o * L) / V_{(BR)eff} \quad (7)$$

$$EAS = \frac{1}{2} * L * I_o^2 \quad (8)$$

Both test circuits shown in Figure 3 and 4 are industry recognized test circuits for UIS. They conform to both JEDEC standard No. 24-5 and MIL-STD750D method 3470.2.

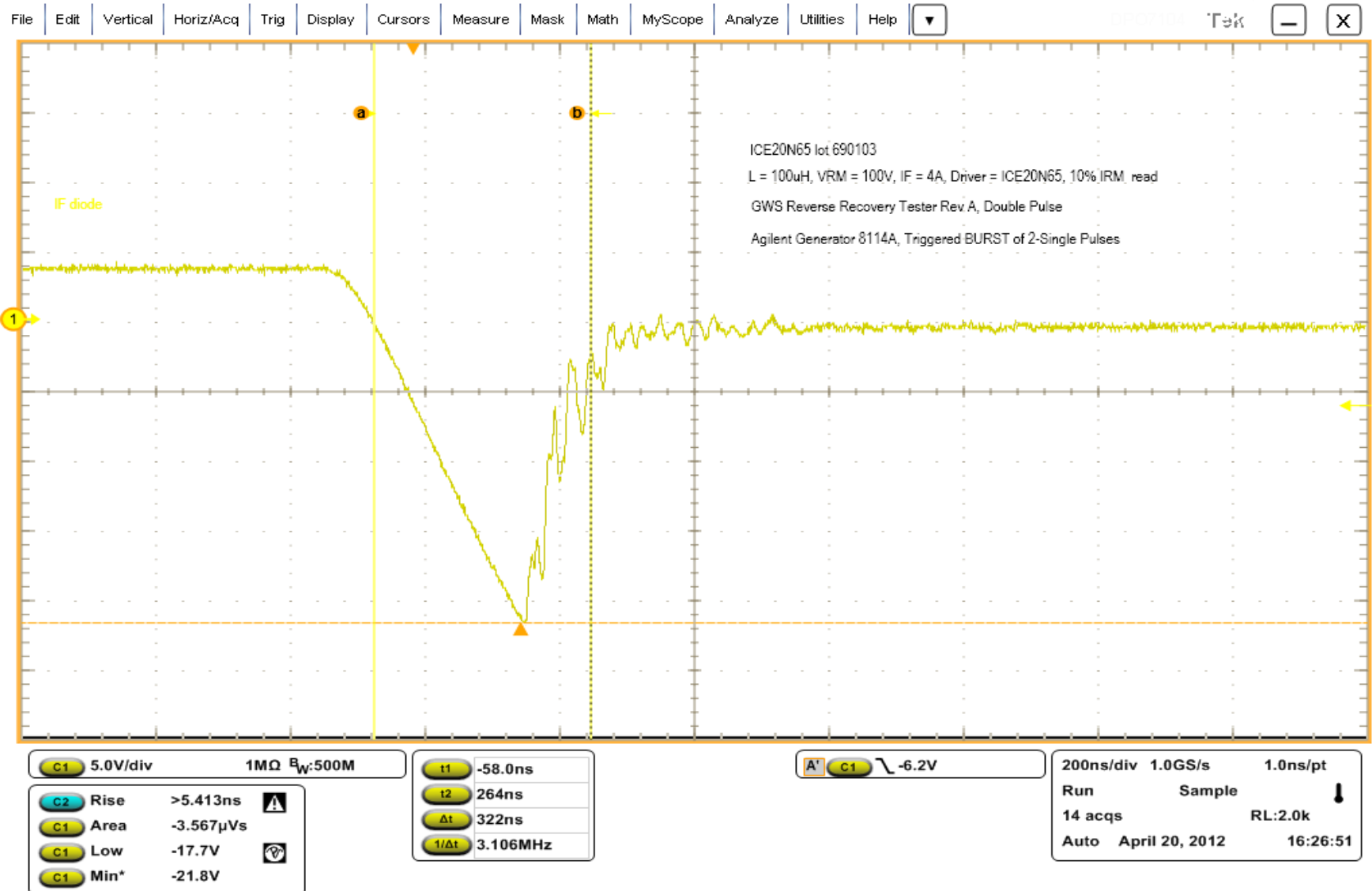
Due to the advantages noted, Great Wall Semiconductor uses the test circuit shown in Figure 4. However, actual application circuits used by designers do not usually switch out the VDD supply

Unclamped Inductive Switching ICE20N170FP

L =	10mH				
Date =	4/9/2012				
Tester =	ICEMOS Methodology				
Device	Lot	Serial #	Ias		
20N65	6904	1	25.11		
20N65	6904	2	26.40		
20N65	6904	3	26.18		
20N65	6904	4	26.05		
20N65	6904	5	25.14		
20N65	6904	6	25.14		
20N65	6904	7	26.05		
20N65	6904	8	26.05		
20N65	6906	1	27.11		
20N65	6906	2	27.11		
20N65	6906	3	26.11		
20N65	6906	4	26.05		
20N65	6906	5	26.11		
20N65	6906	6	25.18		
20N65	6906	7	25.11		
20N65	6906	8	26.18		
20N65	6906	9	26.18		
20N65	6906	10	25.11		

Reverse Recovery (trr)

ICE20N65 body diode Reverse Recovery



ICE20N170FP body diode Reverse Recovery

TRR					
VRM = 100V					
L = 100uH					
IF = 4A					
di/dt = 100A/uS					
Meas. Pt = 10% IRM					
Device	Ta nS	Tb nS	Trr nS	IRM A	Qrr nC
20N170FP	210	84	294	20	3170
6R190C6	266	116	382	25	4620
6R125C6	280	92	372	26	5110
ICE20N65 690103	226	96	322	22	3630



ICEMOS SUPERJUNCTION PATENT PORTFOLIO

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US7,052,982B2

US7,339,252

US7,410,891

US7,439,583

US7,227,197B2

US6,635,906

US6,936,867

US7,015,104

US9,109,110

US7,271,067

US7,354,818

US7,052,082