



# Single-Event-Effects Summary Report

## IR RAD-Hard Gen-5 60V N-channel

### *SEE Qualifications of:*

JANTXVR, F, G, H AND JANSR, F, G, H 2N7468U2 MIL-PRF-19500/673  
JANTXVR, F, G, H AND JANSR, F, G, H 2N7470T1 MIL-PRF-19500/698  
JANTXVR, F, G, H AND JANSR, F, G, H 2N7480U3 MIL-PRF-19500/703  
JANTXVR, F, G, H AND JANSR, F, G, H 2N7483T3 MIL-PRF-19500/702  
JANTXVR, F, G, H AND JANSR, F, G, H 2N7492T2 MIL-PRF-19500/701  
JANTXVR, F, G, H AND JANSR, F, G, H 2N7495U5 MIL-PRF-19500/700  
IRHNA57064, IRHNA53064, IRHNA56064, IRHNA58064 SCV AND SCS  
IRHMS57064, IRHMS53064, IRHMS56064, IRHMS58064 SCV AND SCS  
IRHNJ57034, IRHNJ53034, IRHNJ56034, IRHNJ58034 SCV AND SCS  
IRHY57034CM, IRHY53034CM, IRHY56034CM, IRHY58034CM SCV AND SCS  
IRHF57034, IRHF53034, IRHF56034, IRHF58034 SCV AND SCS  
IRHE57034, IRHE53034, IRHE56034, IRHE58034 SCV AND SCS



Fab-2 Wafer Lot: E767981 Split B  
 SEE Test Date: April 7th & July 6th 2009  
 SEE Test Facility: Brookhaven National Lab (BNL)

Ion	Br	I	Au
LET	37.14	59.72	81.43
Energy	287.6	320	332.9
Range	36.8	31	27.5
Run Numbers	94-121	88-103	1-26, 70-72

IR Fab-5 Specs

VDS Bias (Volts)

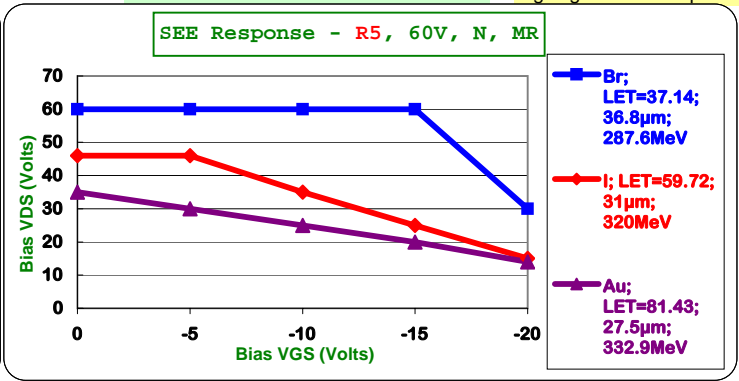
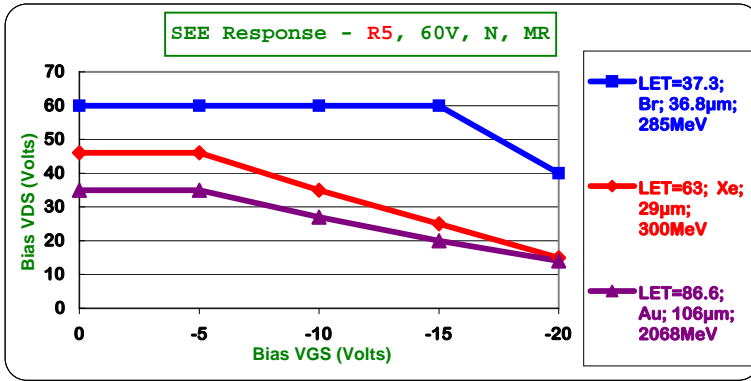
	LET=37.3; Br; 36.8μm; 285MeV	LET=63; Xe; 29μm; 300MeV	LET=86.6; Au; 106μm; 2068MeV
VGS (Volts)			
0	60	46	35
-5	60	46	35
-10	60	35	27
-15	60	25	20
-20	40	15	14

IR Fab-2 Qual to Specs

VDS Bias (Volts)

	Br; LET=37.14 36.8μm; 287.6MeV	I; LET=59.72 31μm; 320MeV	Au; LET=81.43 27.5μm; 332.9MeV
VGS (Volts)			
0	60	46	35
-5	60	46	30
-10	60	35	25
-15	60	25	20
-20	30	15	14

Test Date 04/07/09 07/06/09 07/06/09 highlight reduced spec



Run No.	Test Date	Ion	DUT Id	Socket	Wafer	Serial	Batch	VGS Volts	VDS Volts	Pass/Fail Blank=Pass
3	7/6/2009	Au	C1	1	5	1	1	-20	10	
4	7/6/2009	Au	C2	2	5	2	1	-20	10	
5	7/6/2009	Au	C3	3	5	3	1	-20	10	
6	7/6/2009	Au	C4	4	5	4	1	-20	10	
6	7/6/2009	Au	C4	4	5	4	1	-20	14	CurvePoint5
7	7/6/2009	Au	C5	5	5	5	1	-20	14	CurvePoint5
8	7/6/2009	Au	C6	6	5	6	1	-20	14	CurvePoint5
9	7/6/2009	Au	C7	7	5	7	1	-15	15	
10	7/6/2009	Au	C8	8	5	8	1	-15	15	
11	7/6/2009	Au	C9	9	5	9	1	-15	15	
12	7/6/2009	Au	C10	10	5	10	1	-15	20	CurvePoint4
13	7/6/2009	Au	C11	11	5	11	1	-15	20	CurvePoint4
14	7/6/2009	Au	C12	12	5	12	1	-15	20	CurvePoint4
15	7/6/2009	Au	C13	13	5	13	1	-10	25	CurvePoint3
16	7/6/2009	Au	C14	14	5	14	1	-10	25	CurvePoint3
17	7/6/2009	Au	C15	15	5	15	1	-10	25	CurvePoint3
18	7/6/2009	Au	C16	16	5	16	1	-10	27	F Failed SEE
19	7/6/2009	Au	C17	17	5	17	1	-10	27	F Failed SEE
20	7/6/2009	Au	C19	18	5	19	1	-10	27	? Lost Beam
21	7/6/2009	Au	C20	1	5	20	2	-5	35	F Failed Post-Electricals
22	7/6/2009	Au	C21	2	5	21	2	-5	35	
23	7/6/2009	Au	C22	3	5	22	2	-5	35	F Failed Post-Electricals
24	7/6/2009	Au	C24	4	5	24	2	0	35	CurvePoint1
25	7/6/2009	Au	C25	5	5	25	2	0	35	CurvePoint1
26	7/6/2009	Au	C26	6	5	26	2	0	35	CurvePoint1
70	7/6/2009	Au	C27	13	5	27	4	-5	30	CurvePoint2
71	7/6/2009	Au	C28	14	5	28	4	-5	30	CurvePoint2
72	7/6/2009	Au	C29	15	5	29	4	-5	30	CurvePoint2



Run No.	Test Date	Ion	DUT Id	Socket	Wafer	Serial	Batch	VGS Volts	VDS Volts	Pass/Fail Blank=Pass
88	7/6/2009	I	C30	1	5	30	5	-20	15	CurvePoint4
89	7/6/2009	I	C31	2	5	31	5	-20	15	CurvePoint4
90	7/6/2009	I	C32	3	5	32	5	-20	15	CurvePoint4
91	7/6/2009	I	C33	4	5	33	5	-15	25	CurvePoint3
92	7/6/2009	I	C34	5	5	34	5	-15	25	CurvePoint3
93	7/6/2009	I	C35	6	5	35	5	-15	25	CurvePoint3
94	7/6/2009	I	C36	7	5	36	5	-10	35	CurvePoint2
95	7/6/2009	I	C37	8	5	37	5	-10	35	F Failed Pre/Post-Elects
96	7/6/2009	I	C38	9	5	38	5	-10	35	CurvePoint2
97	7/6/2009	I	C39	10	5	39	5	-10	35	CurvePoint2
98	7/6/2009	I	C40	11	5	40	5	-5	46	CurvePoint1
99	7/6/2009	I	C44	12	5	44	5	-5	46	CurvePoint1
100	7/6/2009	I	C45	13	5	45	5	-5	46	CurvePoint1
101	7/6/2009	I	C46	14	5	46	5	0	46	
102	7/6/2009	I	C47	15	5	47	5	0	46	
103	7/6/2009	I	C48	16	5	48	5	0	46	
185	4/7/2009	Br	B20	1	9	22	13	-20	40	Failed
186	4/7/2009	Br	B21	2	9	23	13	-20	40	Failed
187	4/7/2009	Br	B22	3	9	24	13	-20	35	Failed
188	4/7/2009	Br	B23	4	9	25	13	-20	30	CurvePoint2
189	4/7/2009	Br	B24	5	9	26	13	-20	30	CurvePoint2
190	4/7/2009	Br	B25	6	9	27	13	-20	30	CurvePoint2
219	4/7/2009	Br	B1	1	9	28	14	-15	60	Invalid (Beam ON b4 Biases)
220	4/7/2009	Br	B2	2	10	31	14	-15	60	CurvePoint1
221	4/7/2009	Br	B3	3	10	32	14	-15	60	CurvePoint1
222	4/7/2009	Br	B4	4	10	33	14	-15	60	CurvePoint1



RadHard MOSFET - G5, Hex 6, 60V, N-channel, MR

BATCH1		BNL	IRHC57064	PRE	7/6/2009	12:21 PM	Au		
SOCKET		BIN	(-)IGSS (A)	(+)IGSS (A)	IDSS (A)	BVR (V)	DATE	TIME	
	1	PASS	3.58E-09	1.65E-09	1.12E-06	71.55	7/6/2009	12:22:08	
	2	PASS	3.97E-09	2.03E-09	1.17E-06	71.49	7/6/2009	12:22:17	
	3	PASS	4.01E-09	2.08E-09	1.13E-06	71.65	7/6/2009	12:22:25	
	4	PASS	4.16E-09	2.15E-09	1.06E-06	70.05	7/6/2009	12:22:34	
	5	PASS	4.03E-09	1.94E-09	6.575E-07	71.39	7/6/2009	12:22:43	
	6	PASS	4.37E-09	2.26E-09	8.294E-07	71.52	7/6/2009	12:22:51	
	7	PASS	3.83E-09	1.85E-09	1.03E-06	71.51	7/6/2009	12:23:00	
	8	PASS	4.15E-09	2.01E-09	1.08E-06	71.57	7/6/2009	12:23:08	
	9	PASS	4.09E-09	2.12E-09	1.865E-08	69.34	7/6/2009	12:23:17	
	10	PASS	3.96E-09	1.88E-09	1.874E-08	71.42	7/6/2009	12:23:25	
	11	PASS	3.73E-09	1.77E-09	9.061E-07	71.53	7/6/2009	12:23:34	
	12	PASS	3.98E-09	1.83E-09	1.19E-06	71.42	7/6/2009	12:23:42	
	13	PASS	3.47E-09	1.85E-09	1.18E-06	71.48	7/6/2009	12:23:50	
	14	PASS	3.73E-09	1.91E-09	9.911E-07	71.59	7/6/2009	12:23:58	
	15	PASS	3.89E-09	1.98E-09	8.413E-07	71.44	7/6/2009	12:24:08	
	16	PASS	4.24E-09	2.26E-09	1.07E-06	71.43	7/6/2009	12:24:16	
	17	PASS	5.28E-09	3.76E-09	1.42E-06	71.54	7/6/2009	12:24:25	
	18	PASS	4.2E-09	2.23E-09	1.22E-06	71.5	7/6/2009	12:24:33	
BATCH1		BNL	IRHC57064	POST	7/6/2009	1:30 PM	Au		
SOCKET		BIN	(-)IGSS (A)	(+)IGSS (A)	IDSS (A)	BVR (V)	DATE	TIME	
C1	1	PASS	3.55E-09	1.7E-09	1.69E-06	71.78	7/6/2009	13:30:43	Au Pass -20V / 10V
C2	2	PASS	3.86E-09	1.98E-09	1.45E-06	71.71	7/6/2009	13:30:54	Au Pass -20V / 10V
C3	3	PASS	3.94E-09	1.94E-09	1.29E-06	71.86	7/6/2009	13:31:06	Au Pass -20V / 10V
C4	4	PASS	4.08E-09	2.16E-09	1.16E-06	70.27	7/6/2009	13:31:24	Au Pass & Qual -20V / 14V
C5	5	PASS	3.97E-09	2.01E-09	9.78E-07	71.63	7/6/2009	13:31:36	Au Pass & Qual -20V / 14V
C6	6	PASS	3.89E-09	1.99E-09	8.243E-07	71.79	7/6/2009	13:31:47	Au Pass & Qual -20V / 14V
C7	7	PASS	3.45E-09	1.96E-09	1.96E-06	71.75	7/6/2009	13:31:55	Au Pass -15V / 15V
C8	8	PASS	3.52E-09	2.16E-09	1.58E-06	71.77	7/6/2009	13:32:05	Au Pass -15V / 15V
C9	9	PASS	3.91E-09	2.01E-09	0.0000014	69.56	7/6/2009	13:32:15	Au Pass -15V / 15V
C10	10	PASS	3.81E-09	1.94E-09	1.14E-06	71.63	7/6/2009	13:32:25	Au Pass & Qual -15V / 20V
C11	11	PASS	3.43E-09	1.82E-09	1.09E-06	71.76	7/6/2009	13:32:33	Au Pass & Qual -15V / 20V
C12	12	PASS	3.3E-09	1.98E-09	1.03E-06	71.7	7/6/2009	13:32:42	Au Pass & Qual -15V / 20V
C13	13	PASS	3.33E-09	1.75E-09	2.34E-06	71.73	7/6/2009	13:32:50	Au Pass & Qual -10V / 25V
C14	14	PASS	3.16E-09	1.94E-09	1.69E-06	71.82	7/6/2009	13:32:58	Au Pass & Qual -10V / 25V
C15	15	PASS	3.27E-09	1.99E-09	1.31E-06	71.67	7/6/2009	13:33:09	Au Pass & Qual -10V / 25V
C16	16	FAIL	0.005	0.005	0.005	46.34	7/6/2009	13:33:18	Au F FAILED SEE @ -10V / 27V
C17	17	FAIL	0.005	0.00479	0.005	33.49	7/6/2009	13:33:27	Au F FAILED SEE @ -10V / 27V
C19	18	PASS	3.82E-09	1.88E-09	1.28E-06	71.8	7/6/2009	13:33:37	Au Pass -10V / 27V
BATCH2		BNL	IRHC57064	PRE	7/6/2009	1:48 PM	Au		
SOCKET		BIN	(-)IGSS (A)	(+)IGSS (A)	IDSS (A)	BVR (V)	DATE	TIME	
	1	PASS	3.82E-09	1.85E-09	1.15E-06	71.4	7/6/2009	13:48:25	
	2	PASS	4.09E-09	2.14E-09	1.05E-06	71.32	7/6/2009	13:48:35	
	3	PASS	4.25E-09	2.22E-09	7.576E-07	71.58	7/6/2009	13:48:45	
	4	PASS	4.37E-09	2.31E-09	6.13E-07	71.62	7/6/2009	13:48:54	
	5	PASS	4.3E-09	2.31E-09	9.591E-07	71.49	7/6/2009	13:49:05	
	6	PASS	4.11E-09	2.23E-09	9.872E-07	71.36	7/6/2009	13:49:15	
BATCH2		BNL	IRHC57064	POST	7/6/2009	2:27 PM	Au		
SOCKET		BIN	(-)IGSS (A)	(+)IGSS (A)	IDSS (A)	BVR (V)	DATE	TIME	
C20	1	FAIL	0.00425	0.005	0.005	71.53	7/6/2009	14:27:32	Au F FAILED POST ELECTS
C21	2	PASS	4.39E-09	2.93E-09	9.996E-07	71.48	7/6/2009	14:27:45	Au Pass & Qual -5V / 35V
C22	3	FAIL	0.005	0.005	0.005	71.43	7/6/2009	14:28:23	Au F FAILED POST ELECTS
C24	4	PASS	4.07E-09	2.06E-09	6.162E-07	71.79	7/6/2009	14:29:33	Au Pass & Qual 0V / 35V
C25	5	PASS	3.95E-09	1.91E-09	8.4E-07	71.68	7/6/2009	14:29:48	Au Pass & Qual 0V / 35V
C26	6	PASS	3.9E-09	1.89E-09	8.837E-07	71.6	7/6/2009	14:29:58	Au Pass & Qual 0V / 35V



BATCH4		BNL	IRHC57064	PRE	7/6/2009	3:48 PM	Au		
SOCKET		BIN	(-)IGSS (A)	(+)IGSS (A)	IDSS (A)	BVR (V)	DATE	TIME	
	13	PASS	3.31E-09	1.62E-09	1.963E-08	71.54	7/6/2009	15:48:16	
	14	PASS	3.37E-09	1.72E-09	2.467E-08	71.59	7/6/2009	15:48:27	
	15	PASS	3.91E-09	1.98E-09	8.82E-09	71.61	7/6/2009	15:48:38	
	16	PASS	4.16E-09	2.19E-09	2.319E-08	71.5	7/6/2009	15:48:48	
	17	PASS	3.75E-09	5.35E-09	6.35E-09	71.13	7/6/2009	15:48:56	
	18	PASS	4.11E-09	2.2E-09	1.192E-08	71.22	7/6/2009	15:49:05	
BATCH4		BNL	IRHC57064	POST	7/6/2009	3:54 PM	Au		
SOCKET		BIN	(-)IGSS (A)	(+)IGSS (A)	IDSS (A)	BVR (V)	DATE	TIME	
C27	13	PASS	3.49E-09	1.75E-09	2.485E-08	71.55	7/6/2009	15:54:25	Au Pass & Qual -5V / 30V
C28	14	PASS	3.58E-09	1.95E-09	2.102E-08	71.58	7/6/2009	15:54:36	Au Pass & Qual -5V / 30V
C29	15	PASS	3.86E-09	2.02E-09	3.95E-08	71.62	7/6/2009	15:54:49	Au Pass & Qual -5V / 30V
C30	16	PASS	4.18E-09	2.12E-09	2.938E-08	71.52	7/6/2009	15:55:10	Au NOT SEE TESTED
C31	17	PASS	4.09E-09	2.11E-09	1.076E-08	71.16	7/6/2009	15:55:22	Au NOT SEE TESTED
C32	18	PASS	3.84E-09	2.02E-09	-3.59E-09	71.25	7/6/2009	15:55:30	Au NOT SEE TESTED
BATCH5		BNL	IRHC57064	PRE	7/6/2009	4:59 PM	I		
SOCKET		BIN	(-)IGSS (A)	(+)IGSS (A)	IDSS (A)	BVR (V)	DATE	TIME	
	1	PASS	3.47E-09	1.73E-09	1.756E-08	71.49	7/6/2009	16:59:20	
	2	PASS	3.77E-09	1.89E-09	5.74E-09	71.13	7/6/2009	16:59:29	
	3	PASS	3.92E-09	2.08E-09	1.233E-08	71.25	7/6/2009	16:59:38	
	4	PASS	4.06E-09	2.13E-09	4.053E-08	71.57	7/6/2009	16:59:47	
	5	PASS	3.87E-09	2.08E-09	2.087E-08	71.62	7/6/2009	16:59:55	
	6	PASS	3.29E-09	2.01E-09	1.417E-08	71.45	7/6/2009	17:00:05	
	7	PASS	3.71E-09	1.6E-09	1.885E-08	71.64	7/6/2009	17:00:13	
	8	FAIL	1.133E-08	1.0851E-07	-3.68E-09	71.44	7/6/2009	17:00:22	F FAILED PRE ELECTRICALS
	9	PASS	3.99E-09	3.03E-09	1.3E-08	71.23	7/6/2009	17:00:31	
	10	PASS	5.03E-09	2.53E-09	1.053E-08	71.34	7/6/2009	17:00:39	
	11	PASS	4.07E-09	1.97E-09	3.077E-08	71.12	7/6/2009	17:00:48	
	12	PASS	3.98E-09	1.93E-09	1.472E-08	71.7	7/6/2009	17:00:56	
	13	PASS	3.91E-09	1.94E-09	2.58E-09	71.7	7/6/2009	17:01:05	
	14	PASS	4.02E-09	1.99E-09	-2.1E-09	71.78	7/6/2009	17:01:13	
	15	PASS	4.21E-09	2.25E-09	8.15E-09	70.47	7/6/2009	17:01:23	
	16	PASS	4.94E-09	2.19E-09	1.521E-08	71.82	7/6/2009	17:01:32	
	17	PASS	4.71E-09	2.33E-09	1.852E-08	71.64	7/6/2009	17:01:41	
	18	PASS	4.22E-09	2.24E-09	1.034E-08	71.6	7/6/2009	17:01:50	
	8	FAIL	3.578E-08	1.2201E-07	7.04E-09	71.45	7/6/2009	17:02:11	F REPEAT FROM ABOVE
BATCH5		BNL	IRHC57064	POST	7/6/2009	5:32 PM	I		
SOCKET		BIN	(-)IGSS (A)	(+)IGSS (A)	IDSS (A)	BVR (V)	DATE	TIME	
C30	1	PASS	3.72E-09	1.81E-09	2.939E-08	71.7	7/6/2009	17:32:35	I Pass & Qual -20V / 15V
C31	2	PASS	4.15E-09	2.1E-09	2.001E-08	71.34	7/6/2009	17:32:44	I Pass & Qual -20V / 15V
C32	3	PASS	4.41E-09	2.27E-09	1.871E-08	71.47	7/6/2009	17:32:52	I Pass & Qual -20V / 15V
C33	4	PASS	4.68E-09	2.59E-09	8.76E-09	71.81	7/6/2009	17:33:56	I Pass & Qual -15V / 25V
C34	5	PASS	4.88E-09	2.31E-09	9.54E-09	71.87	7/6/2009	17:34:04	I Pass & Qual -15V / 25V
C35	6	PASS	4.77E-09	2.45E-09	2.486E-08	71.74	7/6/2009	17:34:13	I Pass & Qual -15V / 25V
C36	7	PASS	3.9E-09	2.12E-09	1.238E-08	71.85	7/6/2009	17:34:22	I Pass & Qual -10V / 35V
C37	8	FAIL	1.708E-07	2.1791E-07	8.9E-09	71.65	7/6/2009	17:34:30	I F FAILED POST ELECTRICAL
C38	9	PASS	4.3E-09	2.16E-09	1.937E-08	71.44	7/6/2009	17:34:40	I Pass & Qual -10V / 35V
C39	10	PASS	4.29E-09	1.87E-09	1.823E-08	71.58	7/6/2009	17:34:49	I Pass & Qual -10V / 35V
C40	11	PASS	3.86E-09	1.79E-09	1.743E-08	71.37	7/6/2009	17:34:58	I Pass & Qual -5V / 46V
C44	12	PASS	3.9E-09	1.8E-09	1.193E-08	72.01	7/6/2009	17:35:07	I Pass & Qual -5V / 46V
C45	13	PASS	3.57E-09	1.74E-09	2.203E-08	71.92	7/6/2009	17:35:20	I Pass & Qual -5V / 46V
C46	14	PASS	3.79E-09	1.92E-09	7.73E-09	72	7/6/2009	17:35:29	I Pass & Qual 0V / 46V
C47	15	PASS	4.31E-09	2.36E-09	-9.67E-09	70.7	7/6/2009	17:35:39	I Pass & Qual 0V / 46V
C48	16	PASS	4.67E-09	2.72E-09	3.254E-08	72.06	7/6/2009	17:35:48	I Pass & Qual 0V / 46V
C49	17	PASS	4.8E-09	2.79E-09	1.891E-08	71.91	7/6/2009	17:35:57	I NOT SEE TESTED
C50	18	PASS	4.4E-09	1.81E-09	-8.66E-09	71.91	7/6/2009	17:36:06	I NOT SEE TESTED



BATCH13		BNL	IRHC57064	PRE	4/7/2009	4:41 PM	Br		
SOCKET		BIN	(-)IGSS (A)	(+)IGSS (A)	IDSS (A)	BVR (V)	DATE	TIME	
	1	PASS	4.93E-09	2.59E-09	9.469E-08	72.27	4/7/2009	16:41:58	
	2	PASS	6.57E-09	3.18E-09	-3.95E-09	71.83	4/7/2009	16:42:07	
	3	PASS	6.55E-09	3.45E-09	4.89E-09	71.82	4/7/2009	16:42:15	
	4	PASS	6.22E-09	3.43E-09	3.98E-09	71.82	4/7/2009	16:42:23	
	5	PASS	6.42E-09	3.88E-09	3.5E-09	71.84	4/7/2009	16:42:30	
	6	PASS	6.64E-09	2.89E-09	6.81E-09	71.77	4/7/2009	16:42:38	
BATCH13		BNL	IRHC57064	POST	4/7/2009	5:23 PM	Br		
SOCKET		BIN	(-)IGSS (A)	(+)IGSS (A)	IDSS (A)	BVR (V)	DATE	TIME	
B20	1	FAIL	0.005	0.00355	0.005	72.38	4/7/2009	17:23:44	Br FAILED -20V / 40V
B21	2	FAIL	0.00241	0.00212	0.005	72.04	4/7/2009	17:23:55	Br FAILED -20V / 40V
B22	3	FAIL	0.00259	0.002	0.005	72.04	4/7/2009	17:24:03	Br FAILED -20V / 35V
B23	4	PASS	9.27E-09	1.31E-09	1.455E-08	72.07	4/7/2009	17:24:11	Br Pass & Qual -20V / 30V
B24	5	PASS	8.56E-09	1.64E-09	5.2E-09	72.1	4/7/2009	17:24:18	Br Pass & Qual -20V / 30V
B25	6	PASS	6.45E-09	3.11E-09	1.162E-08	72.06	4/7/2009	17:24:26	Br Pass & Qual -20V / 30V
BATCH14		BNL	IRHC57064	PRE	4/7/2009	5:34 PM	Br		
SOCKET		BIN	(-)IGSS (A)	(+)IGSS (A)	IDSS (A)	BVR (V)	DATE	TIME	
	1	PASS	8.42E-09	4.24E-09	1.071E-07	72.04	4/7/2009	17:34:29	
	2	PASS	8.18E-09	4.61E-09	1.101E-08	71.59	4/7/2009	17:34:37	
	3	PASS	8.87E-09	4.34E-09	-8.24E-09	71.57	4/7/2009	17:34:46	
	4	PASS	7.61E-09	4.7E-09	1.093E-07	71.88	4/7/2009	17:34:55	
BATCH14		BNL	IRHC57064	POST	4/7/2009	6:11 PM	Br		
SOCKET		BIN	(-)IGSS (A)	(+)IGSS (A)	IDSS (A)	BVR (V)	DATE	TIME	
B1	1	PASS	9.42E-09	2.7E-09	8.515E-08	72.26	4/7/2009	18:11:42	Br InValid
B2	2	PASS	6.33E-09	2.93E-09	-1.15E-08	71.81	4/7/2009	18:12:06	Br Pass & Qual -15V / 60V
B3	3	PASS	6.71E-09	3.27E-09	-1.28E-08	71.77	4/7/2009	18:12:14	Br Pass & Qual -15V / 60V
B4	4	PASS	6.89E-09	3.26E-09	1.025E-07	72.09	4/7/2009	18:12:22	Br Pass & Qual -15V / 60V

VGS (Volts)	LET=38±5%; 38µm±7.5%; 300MeV±7.5%	LET=61±5%; 31µm±10%; 330MeV±7.5%	LET=84±5%; 28µm±7.5%; 350MeV±10%
0	60	46	35
-5	60	46	30
-10	60	35	25
-15	60	25	20
-20	30	15	14

## Final QPL Specs

Spec Changes  
needed on SS

for 2N7468U2/673 (IRHNA57064) and 2N7470T1/698 (IRHMS57064)  
for 2N7480U3/703 (IRHNJ57034) and 2N7483T3/702 (IRHY57034CM)  
for 2N7492T2/701 (IRHF57034) and 2N7495U5/700 (IRHE57034)

