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Colorado Springs, CO 80919
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Radiation Lot Acceptance Testing (RLAT) of the RH1021BMH (RH1021BMH-7) Precision 7V Reference for Analog Devices Incorporated

Customer: Analog Devices Incorporated, PO# 47173338

Job Number: RTS24-J0535

Part Type Tested: RH1021BMH (RH1021BMH-7) Precision 7V Reference, RH1021-7 Datasheet I.D. No. 66-10-0178 Rev F.

Traceability Information: Manufacturer: Analog Devices, Date Code: 2343A, Lot Number: G134303.16, Assembly Lot Number: G133121.1, Wafer Lot Number: WP005728.3, Wafer Number: 6, Die Type: 6RH1021-7K/1207I. See photograph of unit under test in Appendix A.

Quantity of Units: 12 units received, 5 units for biased irradiation, 5 units for unbiased irradiation and 2 units for control. Serial numbers 198, 199, 200, 201 and 205 were biased during irradiation, serial numbers 207, 208, 209, 211 and 214 were unbiased during irradiation and serial numbers 216 and 217 were used as control. See Appendix B for the radiation bias connection table.

Radiation and Electrical Test Increments: 53.66rad(Si)/s ionizing radiation with electrical test increments: pre-irradiation, 10krad(Si), 20krad(Si), 50krad(Si), 100krad(Si) and 200krad(Si)

Post-Irradiation Anneal: 24-hour room temperature anneal followed by a 168-hour 100°C anneal. Both anneals were performed in the same electrical bias condition as the irradiations. Electrical measurements were made following each anneal increment.

Radiation Test Standard: MIL-STD-883 TM1019 Condition A and RH1021-7 Datasheet I.D. No. 66-10-0178 Rev F.

RLAT Test Result: PASSED the HDR-TID test to the maximum tested dose level of 200krad(Si) on 12/2/2024 with all parameters remaining within their datasheet specifications.

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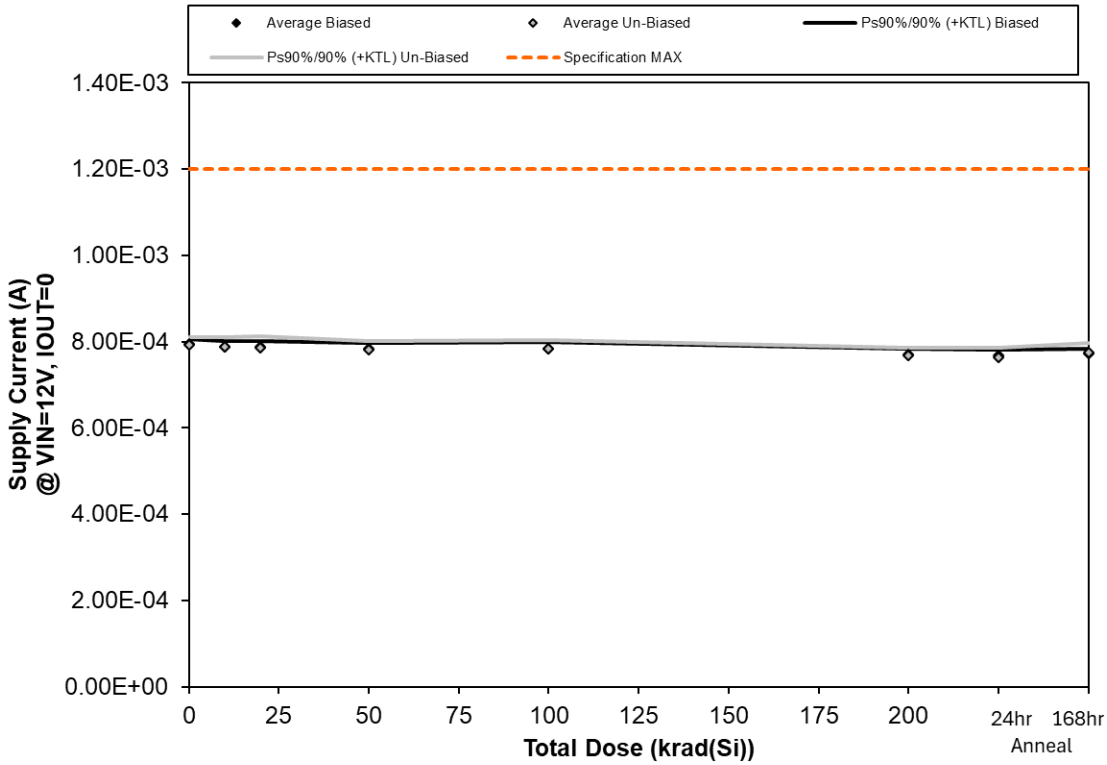
HDR-TID Test Results



Supply Current (A) @ VIN=12V, IOUT=0	Total Dose (krad(Si))						24-hr Anneal	168-hr Anneal
Device	0	10	20	50	100	200		
198	7.89E-04	7.83E-04	7.80E-04	7.76E-04	7.78E-04	7.66E-04	7.65E-04	7.67E-04
199	7.93E-04	7.84E-04	7.85E-04	7.84E-04	7.80E-04	7.67E-04	7.65E-04	7.69E-04
200	7.99E-04	7.94E-04	7.93E-04	7.89E-04	7.90E-04	7.77E-04	7.75E-04	7.78E-04
201	7.97E-04	7.91E-04	7.91E-04	7.85E-04	7.87E-04	7.74E-04	7.72E-04	7.73E-04
205	7.95E-04	7.92E-04	7.90E-04	7.85E-04	7.87E-04	7.71E-04	7.67E-04	7.74E-04
207	7.94E-04	7.91E-04	7.86E-04	7.82E-04	7.84E-04	7.66E-04	7.66E-04	7.78E-04
208	8.02E-04	7.98E-04	7.99E-04	7.93E-04	7.93E-04	7.78E-04	7.73E-04	7.84E-04
209	7.91E-04	7.87E-04	7.87E-04	7.78E-04	7.82E-04	7.67E-04	7.65E-04	7.75E-04
211	7.92E-04	7.89E-04	7.86E-04	7.83E-04	7.82E-04	7.66E-04	7.65E-04	7.76E-04
214	7.84E-04	7.76E-04	7.72E-04	7.74E-04	7.72E-04	7.58E-04	7.50E-04	7.63E-04
216	8.00E-04	7.96E-04	8.03E-04	7.97E-04	8.03E-04	7.98E-04	8.00E-04	7.98E-04
217	7.93E-04	7.86E-04	7.90E-04	7.91E-04	7.94E-04	7.88E-04	7.87E-04	7.87E-04
Biased Statistics								
Average Biased	7.95E-04	7.89E-04	7.88E-04	7.84E-04	7.84E-04	7.71E-04	7.69E-04	7.72E-04
Std Dev Biased	3.85E-06	4.97E-06	5.26E-06	4.76E-06	5.13E-06	4.64E-06	4.49E-06	4.32E-06
Ps90%/90% (+KTL) Biased	8.05E-04	8.02E-04	8.02E-04	7.97E-04	7.98E-04	7.84E-04	7.81E-04	7.84E-04
Ps90%/90% (-KTL) Biased	7.84E-04	7.75E-04	7.73E-04	7.71E-04	7.70E-04	7.58E-04	7.56E-04	7.60E-04
Un-Biased Statistics								
Average Un-Biased	7.93E-04	7.88E-04	7.86E-04	7.82E-04	7.83E-04	7.67E-04	7.64E-04	7.75E-04
Std Dev Un-Biased	6.47E-06	7.98E-06	9.57E-06	7.11E-06	7.47E-06	7.14E-06	8.41E-06	7.66E-06
Ps90%/90% (+KTL) Un-Biased	8.10E-04	8.10E-04	8.12E-04	8.01E-04	8.03E-04	7.87E-04	7.87E-04	7.96E-04
Ps90%/90% (-KTL) Un-Biased	7.75E-04	7.66E-04	7.60E-04	7.63E-04	7.62E-04	7.47E-04	7.41E-04	7.54E-04
Specification MAX	1.20E-03	1.20E-03	1.20E-03	1.20E-03	1.20E-03	1.20E-03	1.20E-03	1.20E-03
Status	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS

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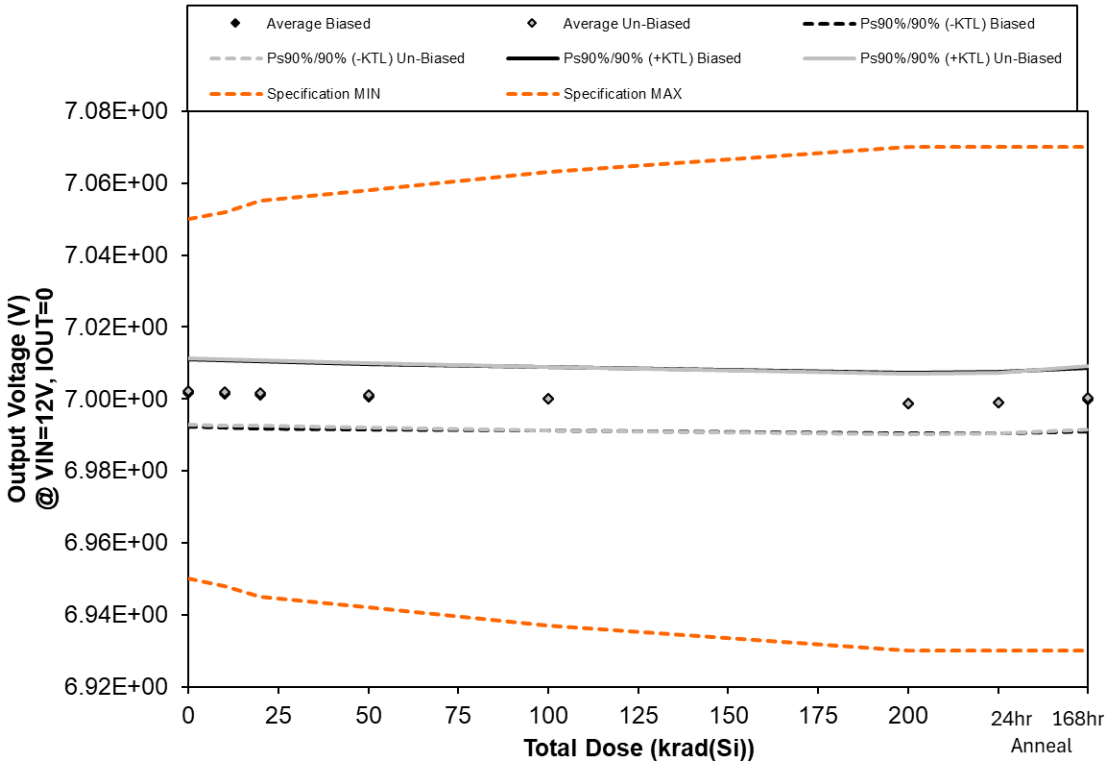

Output Voltage (V) @ VIN=12V, IOUT=0	Total Dose (krad(Si))						24-hr Anneal	168-hr Anneal
Device	0	10	20	50	100	200		
198	7.00E+00	7.00E+00	7.00E+00	7.00E+00	7.00E+00	7.00E+00	7.00E+00	7.00E+00
199	7.01E+00	7.01E+00	7.01E+00	7.01E+00	7.01E+00	7.00E+00	7.00E+00	7.01E+00
200	7.00E+00	7.00E+00	7.00E+00	7.00E+00	7.00E+00	7.00E+00	7.00E+00	7.00E+00
201	7.00E+00	7.00E+00	7.00E+00	7.00E+00	7.00E+00	7.00E+00	7.00E+00	7.00E+00
205	7.00E+00	7.00E+00	7.00E+00	7.00E+00	7.00E+00	7.00E+00	7.00E+00	7.00E+00
207	7.01E+00	7.01E+00	7.01E+00	7.01E+00	7.01E+00	7.00E+00	7.00E+00	7.01E+00
208	7.00E+00	7.00E+00	7.00E+00	7.00E+00	7.00E+00	7.00E+00	7.00E+00	7.00E+00
209	7.00E+00	7.00E+00	7.00E+00	7.00E+00	7.00E+00	7.00E+00	7.00E+00	7.00E+00
211	7.00E+00	7.00E+00	7.00E+00	7.00E+00	7.00E+00	7.00E+00	7.00E+00	7.00E+00
214	7.00E+00	7.00E+00	7.00E+00	7.00E+00	7.00E+00	7.00E+00	7.00E+00	7.00E+00
216	7.00E+00	7.00E+00	7.00E+00	7.00E+00	7.00E+00	7.00E+00	7.00E+00	7.00E+00
217	7.01E+00	7.01E+00	7.01E+00	7.01E+00	7.01E+00	7.01E+00	7.01E+00	7.01E+00
Biased Statistics								
Average Biased	7.00E+00	7.00E+00	7.00E+00	7.00E+00	7.00E+00	7.00E+00	7.00E+00	7.00E+00
Std Dev Biased	3.41E-03	3.41E-03	3.37E-03	3.30E-03	3.22E-03	3.11E-03	3.14E-03	3.22E-03
Ps90%/90% (+KTL) Biased	7.01E+00	7.01E+00	7.01E+00	7.01E+00	7.01E+00	7.01E+00	7.01E+00	7.01E+00
Ps90%/90% (-KTL) Biased	6.99E+00	6.99E+00	6.99E+00	6.99E+00	6.99E+00	6.99E+00	6.99E+00	6.99E+00
Un-Biased Statistics								
Average Un-Biased	7.00E+00	7.00E+00	7.00E+00	7.00E+00	7.00E+00	7.00E+00	7.00E+00	7.00E+00
Std Dev Un-Biased	3.35E-03	3.34E-03	3.33E-03	3.28E-03	3.20E-03	3.05E-03	3.10E-03	3.19E-03
Ps90%/90% (+KTL) Un-Biased	7.01E+00	7.01E+00	7.01E+00	7.01E+00	7.01E+00	7.01E+00	7.01E+00	7.01E+00
Ps90%/90% (-KTL) Un-Biased	6.99E+00	6.99E+00	6.99E+00	6.99E+00	6.99E+00	6.99E+00	6.99E+00	6.99E+00
Specification MIN	6.95E+00	6.95E+00	6.95E+00	6.94E+00	6.94E+00	6.93E+00	6.93E+00	6.93E+00
Status	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
Specification MAX	7.05E+00	7.05E+00	7.06E+00	7.06E+00	7.06E+00	7.07E+00	7.07E+00	7.07E+00

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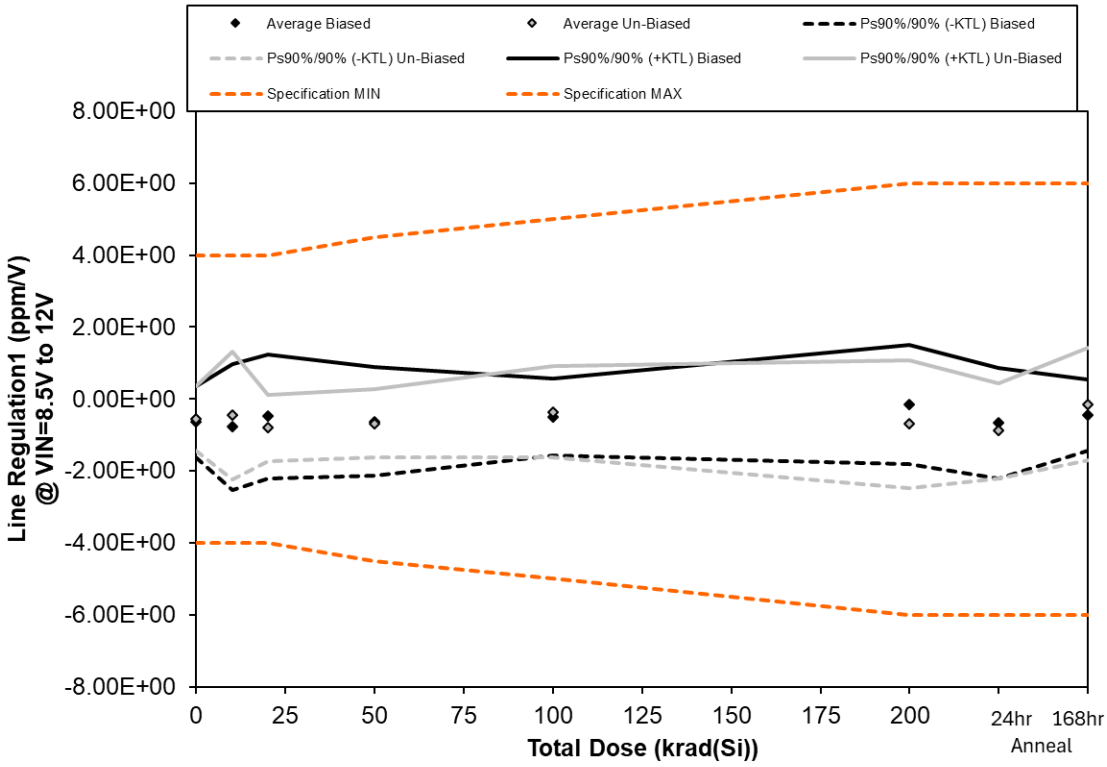

Line Regulation1 (ppm/V) @ VIN=8.5V to 12V	Total Dose (krad(Si))						24-hr Anneal	168-hr Anneal
Device	0	10	20	50	100	200		
198	-2.60E-01	-5.60E-01	-2.60E-01	-6.30E-01	-2.50E-01	-8.20E-01	-9.10E-01	-3.90E-01
199	-5.10E-01	-1.81E+00	-3.80E-01	-2.80E-01	-5.00E-01	-4.70E-01	-5.10E-01	-6.50E-01
200	-1.21E+00	-8.70E-01	-1.36E+00	-1.03E+00	-7.40E-01	6.50E-01	-1.53E+00	1.50E-01
201	-4.70E-01	-5.30E-01	-7.60E-01	-1.27E+00	-3.00E-02	2.80E-01	-2.20E-01	-5.90E-01
205	-7.30E-01	-1.20E-01	3.30E-01	1.00E-01	-1.01E+00	-4.10E-01	-1.90E-01	-7.70E-01
207	-5.10E-01	-9.40E-01	-8.00E-01	-8.50E-01	-9.70E-01	-5.10E-01	-1.20E-01	-4.30E-01
208	-8.00E-02	-3.50E-01	-3.70E-01	-1.19E+00	1.40E-01	-1.40E+00	-1.07E+00	-1.03E+00
209	-4.80E-01	6.30E-01	-7.70E-01	-6.20E-01	6.00E-02	3.00E-01	-1.35E+00	2.40E-01
211	-6.80E-01	-9.00E-01	-1.31E+00	-3.20E-01	-4.20E-01	-8.10E-01	-1.15E+00	2.50E-01
214	-9.70E-01	-7.20E-01	-7.50E-01	-4.40E-01	-6.00E-01	-1.06E+00	-7.40E-01	2.20E-01
216	-9.70E-01	-6.90E-01	-1.30E-01	-5.20E-01	-9.90E-01	-7.00E-02	-1.23E+00	-7.60E-01
217	-8.70E-01	-8.90E-01	-6.50E-01	-1.09E+00	-7.20E-01	-4.40E-01	-8.40E-01	-2.90E-01
Biased Statistics								
Average Biased	-6.36E-01	-7.78E-01	-4.86E-01	-6.22E-01	-5.06E-01	-1.54E-01	-6.72E-01	-4.50E-01
Std Dev Biased	3.62E-01	6.36E-01	6.26E-01	5.53E-01	3.88E-01	6.01E-01	5.60E-01	3.62E-01
Ps90%/90% (+KTL) Biased	3.56E-01	9.65E-01	1.23E+00	8.95E-01	5.57E-01	1.49E+00	8.64E-01	5.44E-01
Ps90%/90% (-KTL) Biased	-1.63E+00	-2.52E+00	-2.20E+00	-2.14E+00	-1.57E+00	-1.80E+00	-2.21E+00	-1.44E+00
Un-Biased Statistics								
Average Un-Biased	-5.44E-01	-4.56E-01	-8.00E-01	-6.84E-01	-3.58E-01	-6.96E-01	-8.86E-01	-1.50E-01
Std Dev Un-Biased	3.24E-01	6.50E-01	3.35E-01	3.46E-01	4.64E-01	6.46E-01	4.81E-01	5.70E-01
Ps90%/90% (+KTL) Un-Biased	3.45E-01	1.33E+00	1.18E-01	2.66E-01	9.13E-01	1.07E+00	4.34E-01	1.41E+00
Ps90%/90% (-KTL) Un-Biased	-1.43E+00	-2.24E+00	-1.72E+00	-1.63E+00	-1.63E+00	-2.47E+00	-2.21E+00	-1.71E+00
Specification MIN	-4.00E+00	-4.00E+00	-4.00E+00	-4.50E+00	-5.00E+00	-6.00E+00	-6.00E+00	-6.00E+00
Status	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
Specification MAX	4.00E+00	4.00E+00	4.00E+00	4.50E+00	5.00E+00	6.00E+00	6.00E+00	6.00E+00

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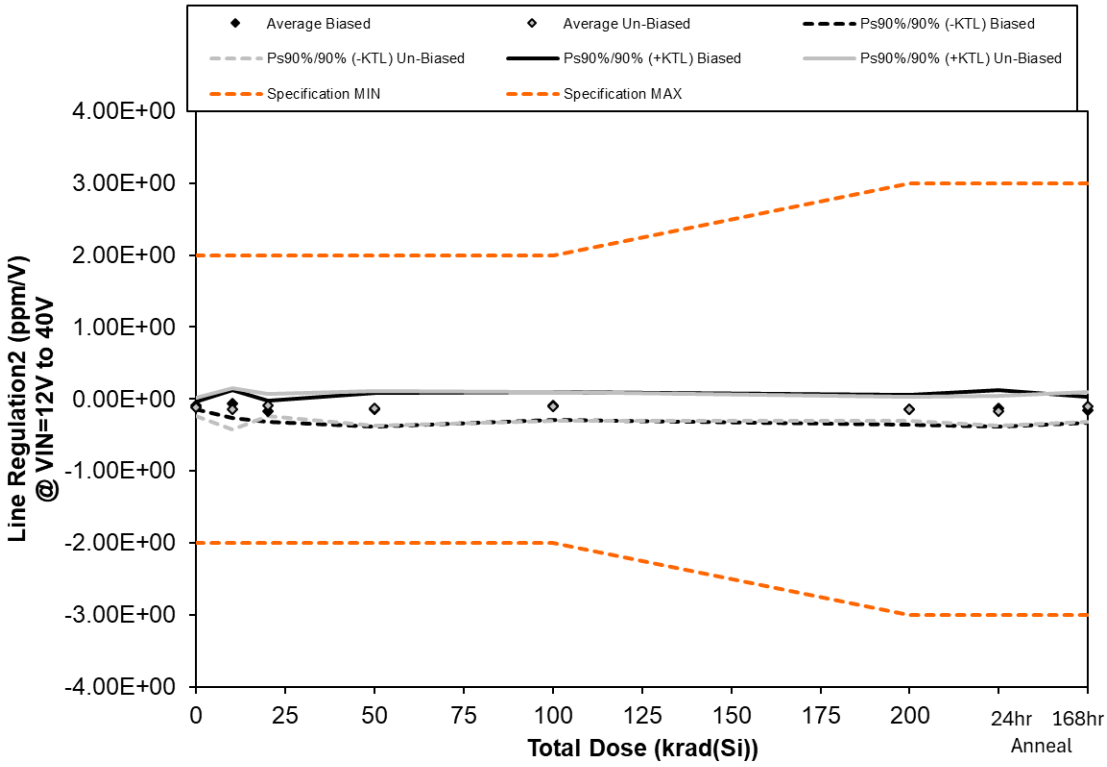

Line Regulation2 (ppm/V) @ VIN=12V to 40V	Total Dose (krad(Si))						24-hr Anneal	168-hr Anneal
Device	0	10	20	50	100	200		
198	-8.00E-02	-1.40E-01	-2.40E-01	-6.00E-02	-3.00E-02	-1.30E-01	-2.20E-01	-1.70E-01
199	-7.00E-02	4.00E-02	-1.20E-01	-1.70E-01	-3.00E-02	-6.00E-02	-5.00E-02	-2.10E-01
200	-9.00E-02	-9.00E-02	-2.00E-01	-1.10E-01	-1.10E-01	-1.50E-01	-6.00E-02	-4.00E-02
201	-1.20E-01	-5.00E-02	-1.70E-01	-2.90E-01	-1.10E-01	-1.40E-01	-2.40E-01	-1.80E-01
205	-1.00E-01	-1.10E-01	-1.10E-01	-1.20E-01	-2.00E-01	-2.70E-01	-7.00E-02	-1.70E-01
207	-9.00E-02	-1.30E-01	-4.00E-02	-5.00E-02	-1.20E-01	-8.00E-02	-2.00E-01	-7.00E-02
208	-6.00E-02	-7.00E-02	-1.00E-01	-6.00E-02	2.00E-02	-9.00E-02	-1.70E-01	-2.00E-02
209	-9.00E-02	-6.00E-02	-7.00E-02	-9.00E-02	-1.30E-01	-1.90E-01	-1.10E-01	-1.30E-01
211	-1.80E-01	-3.20E-01	-5.00E-02	-2.00E-01	-1.70E-01	-1.30E-01	-8.00E-02	-1.00E-01
214	-1.40E-01	-1.30E-01	-1.80E-01	-2.40E-01	-1.30E-01	-2.20E-01	-2.70E-01	-2.20E-01
216	-2.00E-01	-1.10E-01	-1.10E-01	-1.30E-01	-1.80E-01	-1.50E-01	-2.00E-01	-1.40E-01
217	-1.00E-01	-9.00E-02	-4.00E-02	1.00E-02	2.00E-02	-6.00E-02	-6.00E-02	-1.10E-01
Biased Statistics								
Average Biased	-9.20E-02	-7.00E-02	-1.68E-01	-1.50E-01	-9.60E-02	-1.50E-01	-1.28E-01	-1.54E-01
Std Dev Biased	1.92E-02	6.96E-02	5.45E-02	8.75E-02	7.06E-02	7.58E-02	9.36E-02	6.58E-02
Ps90%/90% (+KTL) Biased	-3.93E-02	1.21E-01	-1.86E-02	8.98E-02	9.75E-02	5.79E-02	1.29E-01	2.64E-02
Ps90%/90% (-KTL) Biased	-1.45E-01	-2.61E-01	-3.17E-01	-3.90E-01	-2.90E-01	-3.58E-01	-3.85E-01	-3.34E-01
Un-Biased Statistics								
Average Un-Biased	-1.12E-01	-1.42E-01	-8.80E-02	-1.28E-01	-1.06E-01	-1.42E-01	-1.66E-01	-1.08E-01
Std Dev Un-Biased	4.76E-02	1.05E-01	5.63E-02	8.64E-02	7.30E-02	6.14E-02	7.50E-02	7.46E-02
Ps90%/90% (+KTL) Un-Biased	1.86E-02	1.45E-01	6.64E-02	1.09E-01	9.42E-02	2.64E-02	3.97E-02	9.66E-02
Ps90%/90% (-KTL) Un-Biased	-2.43E-01	-4.29E-01	-2.42E-01	-3.65E-01	-3.06E-01	-3.10E-01	-3.72E-01	-3.13E-01
Specification MIN	-2.00E+00	-2.00E+00	-2.00E+00	-2.00E+00	-2.00E+00	-3.00E+00	-3.00E+00	-3.00E+00
Status	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
Specification MAX	2.00E+00	2.00E+00	2.00E+00	2.00E+00	2.00E+00	3.00E+00	3.00E+00	3.00E+00

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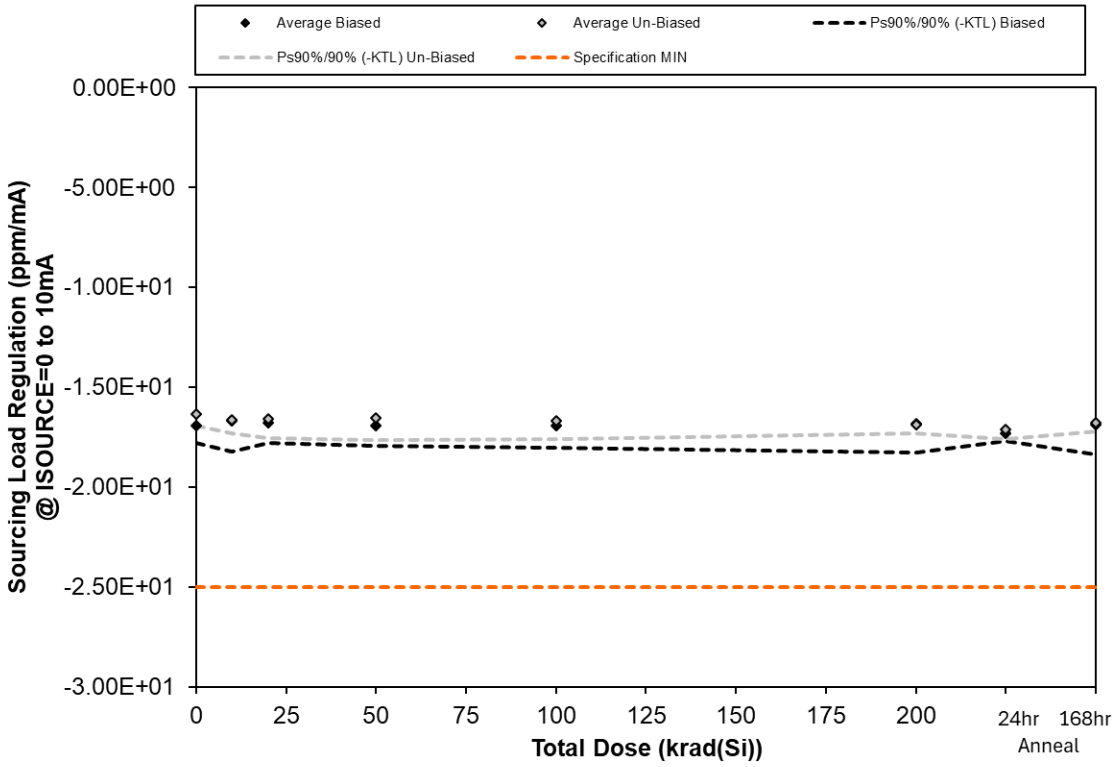

Sourcing Load Regulation (ppm/mA) @ ISOURCE=0 to 10mA	Total Dose (krad(Si))						24-hr Anneal	168-hr Anneal
Device	0	10	20	50	100	200		
198	-1.69E+01	-1.62E+01	-1.67E+01	-1.69E+01	-1.65E+01	-1.64E+01	-1.71E+01	-1.64E+01
199	-1.70E+01	-1.72E+01	-1.71E+01	-1.73E+01	-1.73E+01	-1.74E+01	-1.74E+01	-1.73E+01
200	-1.69E+01	-1.62E+01	-1.65E+01	-1.64E+01	-1.68E+01	-1.63E+01	-1.73E+01	-1.63E+01
201	-1.65E+01	-1.67E+01	-1.63E+01	-1.68E+01	-1.67E+01	-1.67E+01	-1.72E+01	-1.67E+01
205	-1.74E+01	-1.74E+01	-1.72E+01	-1.73E+01	-1.74E+01	-1.74E+01	-1.75E+01	-1.75E+01
207	-1.65E+01	-1.66E+01	-1.64E+01	-1.63E+01	-1.70E+01	-1.68E+01	-1.69E+01	-1.66E+01
208	-1.64E+01	-1.64E+01	-1.68E+01	-1.62E+01	-1.67E+01	-1.70E+01	-1.73E+01	-1.69E+01
209	-1.63E+01	-1.69E+01	-1.70E+01	-1.65E+01	-1.62E+01	-1.70E+01	-1.72E+01	-1.68E+01
211	-1.66E+01	-1.65E+01	-1.61E+01	-1.72E+01	-1.70E+01	-1.69E+01	-1.72E+01	-1.69E+01
214	-1.61E+01	-1.69E+01	-1.67E+01	-1.67E+01	-1.66E+01	-1.66E+01	-1.72E+01	-1.67E+01
216	-1.70E+01	-1.71E+01	-1.73E+01	-1.70E+01	-1.68E+01	-1.70E+01	-1.72E+01	-1.71E+01
217	-1.71E+01	-1.72E+01	-1.68E+01	-1.65E+01	-1.67E+01	-1.69E+01	-1.67E+01	-1.67E+01
Biased Statistics								
Average Biased	-1.69E+01	-1.67E+01	-1.68E+01	-1.69E+01	-1.69E+01	-1.68E+01	-1.73E+01	-1.69E+01
Std Dev Biased	3.27E-01	5.57E-01	3.71E-01	3.69E-01	4.09E-01	5.34E-01	1.42E-01	5.49E-01
Ps90%/90% (+KTL) Biased	-1.60E+01	-1.52E+01	-1.57E+01	-1.59E+01	-1.58E+01	-1.54E+01	-1.69E+01	-1.53E+01
Ps90%/90% (-KTL) Biased	-1.78E+01	-1.82E+01	-1.78E+01	-1.79E+01	-1.80E+01	-1.83E+01	-1.77E+01	-1.84E+01
Un-Biased Statistics								
Average Un-Biased	-1.64E+01	-1.66E+01	-1.66E+01	-1.66E+01	-1.67E+01	-1.69E+01	-1.71E+01	-1.68E+01
Std Dev Un-Biased	2.07E-01	2.47E-01	3.47E-01	3.91E-01	3.31E-01	1.65E-01	1.66E-01	1.44E-01
Ps90%/90% (+KTL) Un-Biased	-1.58E+01	-1.60E+01	-1.56E+01	-1.55E+01	-1.58E+01	-1.64E+01	-1.67E+01	-1.64E+01
Ps90%/90% (-KTL) Un-Biased	-1.69E+01	-1.73E+01	-1.75E+01	-1.76E+01	-1.76E+01	-1.73E+01	-1.76E+01	-1.72E+01
Specification MIN	-2.50E+01	-2.50E+01	-2.50E+01	-2.50E+01	-2.50E+01	-2.50E+01	-2.50E+01	-2.50E+01
Status	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS

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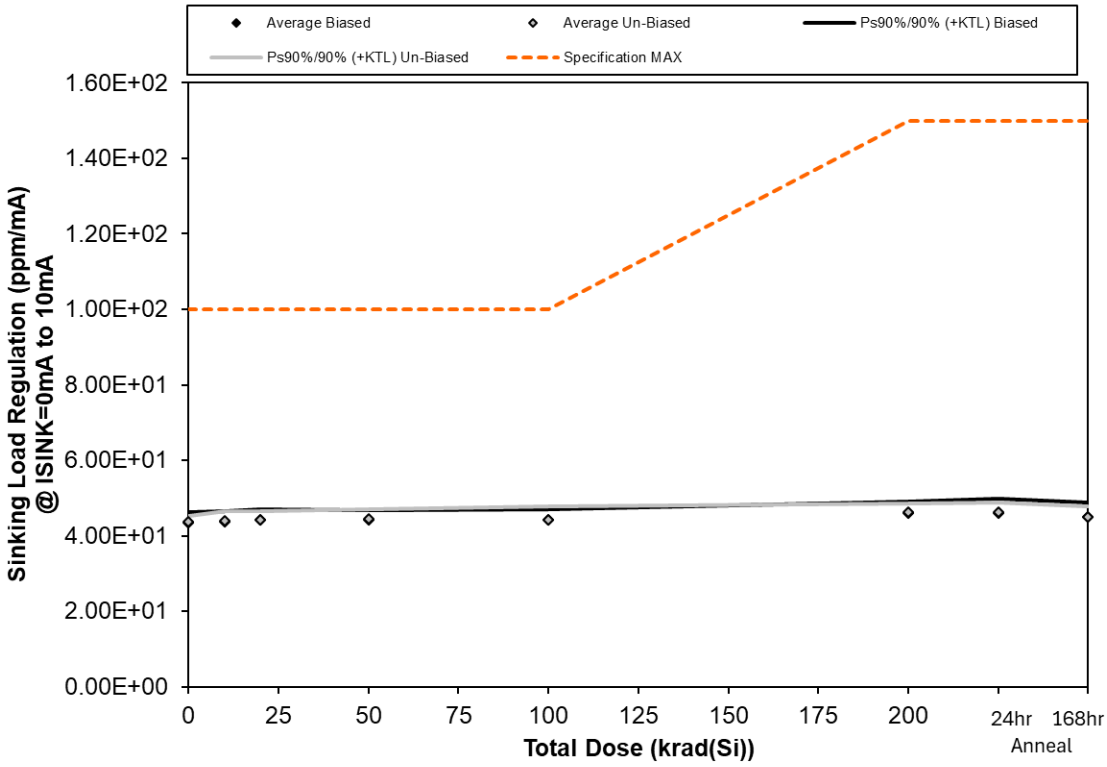

Sinking Load Regulation (ppm/mA) @ ISINK=0mA to 10mA	Total Dose (krad(Si))						24-hr Anneal	168-hr Anneal
Device	0	10	20	50	100	200		
198	4.19E+01	4.23E+01	4.24E+01	4.27E+01	4.26E+01	4.40E+01	4.38E+01	4.27E+01
199	4.39E+01	4.39E+01	4.46E+01	4.43E+01	4.43E+01	4.61E+01	4.62E+01	4.56E+01
200	4.35E+01	4.42E+01	4.42E+01	4.41E+01	4.44E+01	4.62E+01	4.65E+01	4.55E+01
201	4.37E+01	4.34E+01	4.46E+01	4.42E+01	4.43E+01	4.62E+01	4.57E+01	4.59E+01
205	4.47E+01	4.50E+01	4.51E+01	4.53E+01	4.56E+01	4.72E+01	4.75E+01	4.59E+01
207	4.45E+01	4.45E+01	4.46E+01	4.52E+01	4.49E+01	4.71E+01	4.68E+01	4.57E+01
208	4.33E+01	4.37E+01	4.38E+01	4.38E+01	4.37E+01	4.54E+01	4.60E+01	4.46E+01
209	4.40E+01	4.48E+01	4.46E+01	4.48E+01	4.49E+01	4.64E+01	4.67E+01	4.57E+01
211	4.29E+01	4.27E+01	4.29E+01	4.33E+01	4.21E+01	4.51E+01	4.47E+01	4.34E+01
214	4.38E+01	4.47E+01	4.50E+01	4.52E+01	4.51E+01	4.69E+01	4.70E+01	4.58E+01
216	4.50E+01	4.57E+01	4.51E+01	4.47E+01	4.46E+01	4.54E+01	4.50E+01	4.50E+01
217	4.54E+01	4.56E+01	4.51E+01	4.53E+01	4.46E+01	4.56E+01	4.48E+01	4.54E+01
Biased Statistics								
Average Biased	4.35E+01	4.38E+01	4.42E+01	4.41E+01	4.42E+01	4.59E+01	4.59E+01	4.51E+01
Std Dev Biased	1.04E+00	1.01E+00	1.04E+00	9.28E-01	1.06E+00	1.18E+00	1.38E+00	1.37E+00
Ps90%/90% (+KTL) Biased	4.64E+01	4.65E+01	4.70E+01	4.67E+01	4.71E+01	4.91E+01	4.97E+01	4.89E+01
Ps90%/90% (-KTL) Biased	4.07E+01	4.10E+01	4.14E+01	4.16E+01	4.13E+01	4.27E+01	4.21E+01	4.14E+01
Un-Biased Statistics								
Average Un-Biased	4.37E+01	4.41E+01	4.42E+01	4.45E+01	4.41E+01	4.62E+01	4.62E+01	4.50E+01
Std Dev Un-Biased	6.01E-01	8.83E-01	8.55E-01	9.02E-01	1.29E+00	9.01E-01	9.34E-01	1.02E+00
Ps90%/90% (+KTL) Un-Biased	4.53E+01	4.65E+01	4.65E+01	4.69E+01	4.77E+01	4.86E+01	4.88E+01	4.78E+01
Ps90%/90% (-KTL) Un-Biased	4.20E+01	4.17E+01	4.18E+01	4.20E+01	4.06E+01	4.37E+01	4.37E+01	4.22E+01
Specification MAX	1.00E+02	1.00E+02	1.00E+02	1.00E+02	1.00E+02	1.50E+02	1.50E+02	1.50E+02
Status	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS

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Appendix A: Photograph of Packing Label and a Sample Unit-Under-Test to Show Part Traceability

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Appendix B: Radiation Bias Connections

TID Radiation Biased Conditions:

Pin	Function	Connection / Bias
1	NC	NC
2	VIN	To 30V Decoupled to GND via 0.1µF Capacitor
3	NC	NC
4	GND	GND
5	TRIM	NC
6	VOUT	NC
7	NC	NC
8	NC	NC

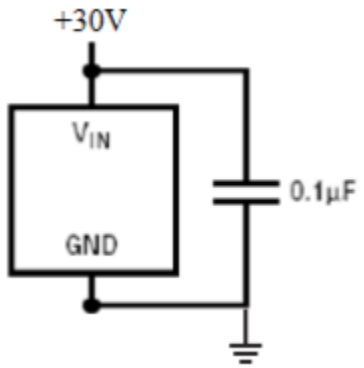

Figure B.1. Irradiation bias circuit.

TID Radiation Unbiased Conditions: All pins grounded.