

Description of Testing: J-STD-004B ECM TESTING PER IPC-TM-650 2.6.14.1

Board Identifier	Sample	Measurement	Ambient prior to conditioning	96 hours at conditions	500 hours at conditions	Ambient after conditioning
40592 NC676	1	1-2	13.30	12.50	11.63	11.83
		2-3	13.20	10.79	11.05	12.67
		3-4	13.30	11.44	11.43	13.41
		4-5	13.27	12.49	12.64	13.42
	2	1-2	12.55	12.56	12.71	11.86
		2-3	13.41	11.09	11.22	12.60
		3-4	12.40	10.48	10.66	13.21
		4-5	12.00	11.90	12.14	13.42
	3	1-2	12.44	13.05	13.31	11.84
		2-3	12.52	11.58	11.48	12.56
		3-4	13.21	11.71	11.59	14.95
		4-5	14.05	12.80	12.86	13.40
Bare Copper Controls	1	1-2	12.63	11.22	11.08	12.88
		2-3	11.98	9.81	9.94	13.15
		3-4	11.99	9.68	10.20	14.64
		4-5	13.53	11.28	13.17	13.29

All measurements in Log10

	Average 96	Average 500	Delta
NC676	11.87	11.89	0.03
Bare Copper Controls	10.50	11.10	0.60

Chamber Conditions 65+/-2C; 88+3/-0 % R.H.

Requirement > -1.0

**Narrative description of results:**

The measured samples did not degrade more than a decade over the duration of the testing. Additionally, no dendrite or corrosion growth was noted.