

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

40592						
Board Identifier	Sample	Measurement	Ambient prior to conditioning	96 hours at conditions	500 hours at conditions	Ambient after conditioning
VOC503	1	1-2	11.79	10.37	11.03	11.75
		2-3	11.29	8.88	9.94	13.27
		3-4	12.10	9.59	9.97	12.34
		4-5	14.96	12.04	12.87	13.52
	2	1-2	11.91	10.33	10.45	11.69
		2-3	11.92	8.75	9.14	10.87
		3-4	12.07	9.39	9.63	11.33
		4-5	13.14	12.31	12.20	12.94
	3	1-2	11.83	9.91	9.03	9.59
		2-3	11.76	9.24	9.28	10.24
		3-4	12.18	9.35	7.88	9.42
		4-5	8.74	8.04	8.33	10.25
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
	VOC503		9.85	9.98	0.13
	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.