SN0034 Chronological Log

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10/5/16

An Electrical Bonding Test and Resistance & Isolation test were performed on both CH1 and CH2. The tests completed without anomaly.

S/N 0034 was placed in the thermal chamber and started a Combo test which included a Pre-Thermal Functional, Thermal Cycles 1-4, and a Post Thermal Functional.

S/N 0034 successfully completed the Pre-Thermal Cycle Functional Test and started Thermal Cycles.

10/6/16

S/N 0034 completed Cycles 1-4 of the 4 Cycle test and successfully completed the Post-Thermal Cycle functional test. The Trend Analysis was approved.

10/10/16

The ATP Test Set cables were passed through the wall. A wrap box self-test was performed to verify the test set.

With the configuration in the Z-Axis, the table was equalized. S/N 0034 successfully completed the Z-Axis Vibration Test.

10/11/16

The table was changed to the X-Axis configuration and the table equalized. S/N 0034 then successfully completed the X-Axis Vibration Test.

After changing the table configuration to the X-Axis and the table was equalized. S/N 0034 successfully completed the X-Axis Vibration Test.

S/N 0034 then completed an Ambient Functional Test without issue and the trend analysis was approved.

A self-test was successfully performed on the Burn-In Test Set.

S/N 0034 was placed in the Burn-In chamber and began cycling.

10/12/16

S/N 0034 completed cycle’s #1 of IAT Burn-In Test.

An anomaly occurred during the ramp from hot of cycle #2 to cold of cycle #3, due to the thermal chamber. Ref AR-0136

10/13/16

S/N 0034 Re-started Burn-in, at the beginning of cycle #2, and completed without anomaly.

10/14/16

S/N 0034 completed cycles #3, and #4 of IAT Burn-In Test. The test was manually stop after the end of Cycle #4. Ref AR-0141

10/15/16

S/N 0034 was placed in the thermal chamber and started a Combo test which included a Pre-Thermal Functional, Thermal Cycles 5-8, and a Post Thermal Functional.

Anomaly occurred during the start of the test due to a test-set. Ref AR0142

10/18/16

After the test-set was validated. S/N 0034 was placed in the thermal chamber and started a Combo test which included a Pre-Thermal Functional, Thermal Cycles 5-8, and a Post Thermal Functional.

S/N 0034 successfully completed the Pre-Thermal Cycle Functional Test and started Thermal Cycles.

10/19/16

S/N 0034 completed Cycles 5-8 of the 4 Cycle test and successfully completed the Post-Thermal Cycle functional test. The Trend Analysis was approved.

A final Resistance and Isolation, and Bonding Test were completed without anomaly.

This concludes IAT testing on OCU S/N 0034.