



EQUIV 6.3V DIODE ASSY EVALN PLAN

OBJECTIVE: To check the electrical performance of the equiv 6.3V diode assembly at board level using 7B modules.

PLAN: A representative sample of 7B product, representing 3 different models, will be assembled. Five sample pieces from each model will be assembled with the proposed equivalent 6.3V diode assembly while 5 sample pieces from each model will be assembled with the standard assembly CR7. All sample pieces will be serialized and electrical test data logged. The sample pieces will be subjected to reliability testing as detailed below.

Reliability Test

1. Subject evaln units to 240 hrs of Burn-In (ELT).
2. Cool down units and then perform OQC Test.
3. Send the OQC Test datalog in excel format to ESZ.
4. Subject evaln units to 760 hrs of Burn-In (HTOL).
5. Cool down and then then perform OQC Test.
6. Send the OQC Test datalog in excel format to ESZ.
7. All failed units will require full failure analysis.