

PWB delamination defects on Overhaul & Repair (O/R) assemblies. Analysis and Variances to J-STD-001H & IPC-A-610

Aaron Dermarderosian
Raytheon Technologies
adermarder@rtx.com

During the Overhaul and Repair process, there are opportunities during handling, rework and upgrades to inadvertently damage compliant product. When it comes to standards violations, reworked items must be evaluated on a case by case basis to determine if the assembly is viable. When it comes to legacy hardware program support, there are a limited number of assets, which can be used as replacements, until at which time there is a design refresh enhancement. We will review a CCA which had been damaged during the O/R process technically constituting a J-STD-001H violation. We'll overview the analysis required to assess the viability and use of the CCA as a replacement item.