



PFR-121 Title: Additional current draw with IDPU enabling plug in

Assembly : Harness	SubAssembly : IDPU Enabling Plug	
Component :	Units Affected:	Units fixed:
Originator: Ellen Taylor	- x - - - -	- x - - - -
Organization: Swales/UCB	Date: 11/30/05	
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Failure Occurred During (Check one ✓)

✓ Functional test ☐ Qualification test ☐ S/C Integration ☐ Launch operations ☐ Other (Flight Assy)

Environment when failure occurred:

✓ Ambient ☐ Vibration ☐ Shock ☐ Acoustic
☐ Thermal ☐ Vacuum ☐ Thermal-Vacuum ☐ EMI/EMC

Problem Description

(In this section it is important to document the specific symptoms which exhibited the problem. In the event we see it happen again, we would like to know as much as possible.)

See attached Swales PRB-0097 for problem description.

Analyses Performed to Determine Cause

(How do we know how the failure happened? Was it a bad part, bad handling, what?)

See attached Swales PRB-0097 for cause.

Corrective Action/ Resolution

(How do we fix the unit? And how do we make sure it doesn't happen again?)

This PFR is closed and moved to the UCB Unverifiable Failure List. As normal course of operation, core system current draw will be monitored whenever the Probe is powered on. Special note of current will occur when the IDPU enabling plug is installed and removed.

Acceptance:

MAM: Ron Jackson _____ ; MSE: Ellen Taylor _____

PM: Peter Harvey _____ ; Cognizant Engineer _____

Date of Closure _____