

CRaTER Verification Procedure/Report

Title: Instrument Power Spec.

Document 32-06031.02 Rev 01

Reference: 431-SPEC-000008 Rev C, section 3.1.3
Requirement: a) Nominal operating range 27-35 VDC
b) Inrush current <200ma/us, <20ma/us after nominal level with SSPC
c) No damage with input voltage 0 to 40VDC
d) Operational current transients <10ma/us
e) No damage from unintentional turn-off
f) Protected from input polarity reversal
g) No fuses
Procedure: (a) Long Form Functional para 4.6
(b) Defer to test at GSFC with actual SSPC
(c) Demonstrate on Engineering Unit (sn10)
(d) SF setup, current probe on power lead for 1553 traffic
(e) (f) (g) Verify design by inspection

Results:

S/N: _____

Passed/Failed: _____

Comments:

Performed by: _____

R&QA: _____

Date: _____

Date: _____