

CRaTER Verification Procedure/Report

Title: Thermal/Vacuum

Document 32-06050.0202 Rev 01

Reference: 32-01206, Environmental Test Plan
Requirement: 8 cycles, including hot & cold starts, survival soak
Procedure: 32-06005.01, Flight Thermal-Vacuum Test Procedure

Results:

Per test procedure performed

- Initial 0C baseline
- +40C Hot soak/turn on/Long Form functional
- -40C Cold soad/turn on/Long Form functional
- 7 more +40/-40C cycles with instrument always on
- Final 0C baseline

Instrument was stable except for upward shift in noise on detectors D2 and D6. As final noise was still within acceptable limits and remained stable at the end, this is considered an acceptable “aging” process.

S/N: 2
Comments:

Passed/Failed: Passed

Performed by: Matt Smith/Bob Goeke

R&QA: _____

Date: 9/27-10/5/07

Date: _____