

Cobham RAD Solutions

Comprehensive radiation effects
test and support

September 2015

The most important thing we build is trust



MIL-STD Radiation Effects Test Services

Cobham RAD Solutions (formerly Aeroflex RAD) offers comprehensive, cost effective and timely, MIL-STD-883/750 radiation effects testing services that include turnkey engineering to complete all phases of testing from design to final test reporting. Our experience in testing thousands of components combined with the extensive knowledge of our engineering staff, enables Cobham RAD Solutions to design and develop the hardware and software to test, analyze and report on the components our customers need in today's demanding space or military environments. The following list highlights some the test capabilities Cobham RAD Solutions offers:

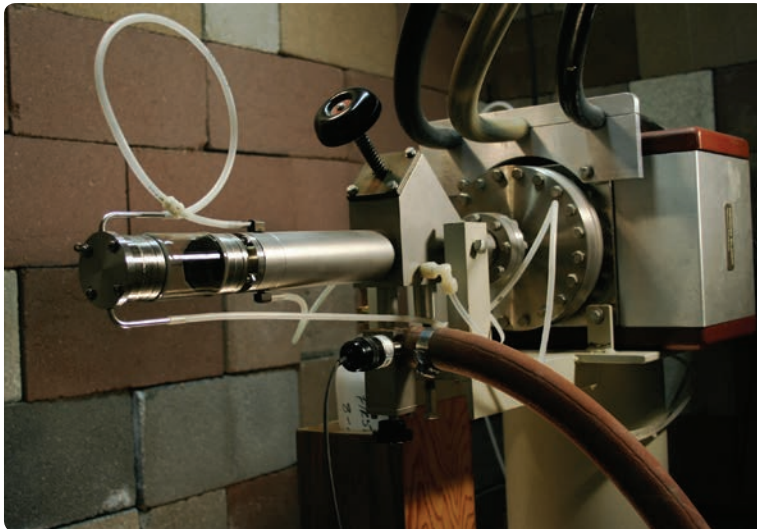
- Total Ionizing Dose (TID) RLAT (50 to 300 rads/sec)
 - MIL-STD-883 TM 1019, Cond. A
- TID ELDRS (10 to 100 mrads/sec)
 - MIL-STD-883 TM 1019, Cond. D, ESA/SCC22900
- Prompt Dose / Flash X-Ray Tests
 - MIL-STD-883 TM 1020 and 1021
- Neutron Displacement Damage Tests
- Heavy Ion SEE Tests (SEL, SET, SEGR, SEU, SEB, SEFI)
- Proton SEE and Displacement Damage Tests
- Cryogenic FPA testing (25 K)



ELDRS Chamber



Focal Plane Array (FPA) Cryogenic Dewar



14 MeV Neutron Generator



Flash X-ray (1E11rad(Si)/sec)



Comprehensive radiation effects experience
~36,000 sq feet GTRI compliant test facility
www.aeroflex.com/RAD
www.aeroflex.com/SEE

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