



## Comprehensive radiation effects test and support

### Device Screening and Element Evaluation

Aeroflex RAD offers comprehensive screening services for your flight devices, lot conformance, and individual die element evaluation.

Onsite electrical testing equipment for memory, digital, linear and discrete devices including:

- Memory
- A/D Converters
- D/A Converters
- Microcontrollers
- References
- Op Amps
- Regulators
- Clock chips
- Diodes and Transistors

#### Quality

- DSCC MIL-STD-883/750 Laboratory Suitability
- ISO 9001:2008 Certification

#### Roadmap

- DSCC MIL-PRF-19500 Certification



#### Screening Test Method Capabilities

Test Description	MIL-STD Test Methods	
	883	750
Adhesion of Lead Finish	2025	n/a
Bond Strength	2011	2037
Burn-in	1015	1039
Constant Acceleration	2001	2006
Die Shear	2019	2017
External Visual	2009	2071
Hermiticity	1014	1071
Internal Visual	2010	2072
Internal Water Vapor	1018	1018
Lead Integrity	2004	2036
Lid Torque	2024	n/a
Mechanical Shock	2002	2016
Moisture Resistance	1004	1021
Physical Dimensions	2016	2066
PIND	2020	2052
Radiography X-ray	2012	2076
Resistance to Solvents	2015	1022
Salt Atmosphere	1009	1041
Solderability	2003	2026
Steady State Life	1005	1026
Temperature Cycling	1010	1051
Thermal Shock	1011	1056
Vibration Variable Frequency	2007	2056

