SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ONEIDA RESEARCH SERVICES, INC.
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MECHANICAL

Valid To: November 30, 2027 Certificate Number: 2930.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following types of tests on electrical components and subsystems, medical devices, optoelectronic components and subsystems, RF components and modules, integrated circuits, passive electronic components, relays, diodes, sensors, cables, cable assemblies, fiber assemblies, printed circuit boards, flex circuits, housings, ceramics, test boards, displays and plastic parts for the following industries: Telecommunication, Military, Automotive, Aerospace, Commercial and Medical:

Test Type/Test Parameters:	**Test Method(s)/Standard(s):**
Temperature Tests	
Accelerated Bias Age/Burn In/Life	JESD22-A108; MIL-STD-202 Method 108; MIL-STD-750 Methods 1026, 1038, 1039, 1040, 1048; MIL-STD-883 Methods 1005, 1015, 1016
High Temperature Storage/Stabilization Bake* (Temperature up to 300 °C)	AEC-Q100, AEC-Q200; GR-468-CORE (3.3.2.1); JESD22-A103 Cond A-G; MIL-STD-202 Method 108; MIL-STD-750 Method 1031; MIL-STD-883 Method 1008
Low Temperature Storage* (Temperature down to -65 °C)	GR-468-CORE (3.3.2.1); JESD22-A119, Cond A-C
Temperature Cycle* (-65 to 200) °C	GR-468-CORE; JESD22-A104; MIL-STD-750 Methods 1051 and 1055; MIL-STD-883 Method 1010
Power Temperature Cycle* (-65 to 150) °C	JESD22-A105; MIL-STD-883 Method 1007

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Test Type/Test Parameters:	Test Method(s)/Standard(s):
High Temperature Reverse Bias (HTRB)	AEC-Q101; JESD22-A108; MIL-STD-750 Method 1042; MIL-STD-883 Method 1005
High Temperature Gate Bias (HTGB)	AEC-Q101; JESD22-A108; MIL-STD-750 Method 1042; MIL-STD-883 Method 1005
Thermal Shock* (-65 to 150) °C	JESD22-A106; MIL-STD-202 Method 107; MIL-STD-750 Method 1056; MIL-STD-883 Method 1011
Early Life Failure Rate (ELFR)	AEC-Q100-008
Intermittent Life	MIL-STD-750 Method 1036; MIL-STD-883 Methods 1006, 1005
Humidity Tests	
Damp Heat* (15 to 95) % RH	GR-468-CORE; MIL-STD-202 Method 103
Cyclic Moisture	JESD22-A100; MIL-STD-202 Method 106; MIL-STD-750 Method 1021; MIL-STD-810 Method 507; MIL-STD-883 Method 1004
Temperature Humidity Bias (THB)	JESD22-A101; MIL-STD-202 Method 103
Cycled THB	JESD22-A100; MIL-STD-750 Method 1021; MIL-STD-883 Method 1004
Vibration Tests	
Mechanical Shock* (10 to 3000 G's)	AEC-Q100, AEC-Q101, AEC-Q200; GR-468-CORE; JESD22-B104; MIL-STD-202 Method 213, Cond (A-F and J); MIL-STD-750 Method 2016; MIL-STD-883 Method 2002
Transportation Drop Test	ASTM D4169; GR-63-CORE sections 5.3.3 Parts I and II
Variable Frequency Vibration* 10 Hz to 4000 Hz (Up to 50 G's)	AEC-Q100, AEC-Q101; JESD22-B103; MIL-STD-202 Method 201; MIL-STD-750 Method 2056; MIL-STD-883 Method 2007
Random Vibration* 10 Hz to 4000 Hz (Up to 50 G's)	MIL-STD-202 Method 214, Cond 1 (A-H), and Cond 2 (A-G); MIL-STD-883 Method 2026, Cond 1 (A-H), and Cond 2 (A-G)
Vibration Fatigue	MIL-STD-750 Method 2046
Transportation Vibration	ASTM D999 Method A1 Repetitive Shock (Vertical Motion); ASTM D4169 Schedule D Stacked Vibration, Schedule E Vehicle Vibration, Schedule F Loose Load Vibration GR-63-CORE

Test Types/Test Parameters:	Test Method(s)/Standard(s):
Other Tests	
Highly Accelerated Stress Test (HAST)	JESD22-A110 (biased); JESD22-A118 (unbiased), Cond A-B
High Temperature Operating Life (HTOL)	AEC-Q100; JESD22-A108
Autoclave	JESD22-A102
Preconditioning	AEC-Q100, AEC-Q101; JESD22-A113; J-STD-020
Solderability	AEC-Q100, AEC-Q101, AEC-Q200; JSTD-002; MIL-STD-750 Method 2026; MIL-STD-883 Method 2003
Fiber Integrity	GR-326-CORE (4.4.3.2 and 4.4.3.3), GR-468-CORE (3.3.1.3.1, 3.3.1.3.2 and 3.3.1.3.3)
Constant Acceleration* (Up to 50,000 G's)	AEC-Q100, AEC-Q101; MIL-STD-202 Method 212; MIL-STD-750 Method 2006; MIL-STD-883 Method 2001
Resistance to Solvents	AEC-Q101, AEC-Q200; JESD22-B107; MIL-STD-202 Method 215; MIL-STD-750 Method 1022; MIL-STD-883 Method 2015
Resistance to Solder Heat	AEC-Q101, AEC-Q200; JESD22-B106; MIL-STD-202 Method 210, Cond A, B, I, J and K; MIL-STD-750 Method 2031; MIL-STD-883 Method 2036, Cond A, B, I, J and K
External Visual	JESD22-B101; MIL-STD-750 Method 2071; MIL-STD-883 Method 2009
Physical Dimensions	JESD22-B100 MIL-STD-883 Method 2016 MIL-STD-750 Method 2066

*Note: Also using customer supplied specifications utilizing any combination of test equipment parameters listed above.

Accredited Laboratory

A2LA has accredited

ONEIDA RESEARCH SERVICES, INC.

Reading, PA

for technical competence in the field of

Mechanical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (*refer to joint ISO-ILAC-IAF Communiqué dated April 2017*).

Presented this 29th day of September 2025.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 2930.01
Valid to November 30, 2027
Revised September 21, 2026

For the tests to which this accreditation applies, please refer to the laboratory's Mechanical Scope of Accreditation.