

SCOPE OF ACCREDITATION TO ISO/IEC 17025:20

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Tests:

Emissions (cont.)
Current Harmonics

Test Method(s)¹:

EN/IEC 61000-2; AS/NZS 61000.3.2

<u>Tests:</u>	<u>Test Method(s)¹:</u>
Immunity (cont.) Voltage Spike	RTCA/DO-160C, D, E, F, G (Section 17); MIL -STD-461F (CS106); ISO 76372; SAE J1113 1
Power Input	RTCA/DO-160C, D, E, F, G (Section 16); MIL -STD-704A, B, C, D, E, F (with Notice 1); ISO 16750 2
Audio Frequency Conducted Susceptibility	RTCA/DO-160C, D, E, F, G (Section 18); MIL -STD-461D, E, F, G (CS101); MIL -STD-462 (CS01); ISO 1145210; SAE J1113 2
Induced Signal Susceptibility	RTCA/DO-160C, D, E, F, G (Section 19)
Lightning Induced Transient	RTCA/DO-160C, D, E, F, G (Section 22); MIL -STD-461G (CS117)
Generic and Product Family Standards	EN/IEC 610006-1; AS/NZS 61000.6.1; EN/IEC 610006-2; AS/NZS 61000.6.2; CISPR 14 2 ; EN 55014 2 ; AS/NZS CISPR 14 2 ; CISPR 24; EN 55024; AS/NZS CISPR 24; KS C 9814 2 ; KS C 9835 2 (excluding Annex A through)H BS EN/IEC 606011-2; BS EN/IEC 60947 1 ; BS EN/IEC 60439 1 ; BS EN/IEC 61326 1 ; BS EN/IEC 61326 2 ; BS EN 50130 4 ; BS EN 50131 1 ; EN 61800 3 ; IEC 61800 3 (up to 75A, 1000V) BS EN 14982; ISO 14982 (using component methods except ISO 7637 and ISO 11452 3); ISO 13766:2006 Ed 2.0; BS EN 12895:2015; IEC 60945; ECE R10
Current Measure (500 A DC, 1000A AC)	USCAR 2, Sections 5.3.3 & 5.3.4; GMW3431, Section 4.2.3
Insulation Resistance (N W R) 7	MIL -STD-202, Method 302; IPC-TM-650, Sections 2.5.11, 2.5.16, & 2.5.26A; USCAR-2 Section 5.5.1; GMW 3431, Section 4.1.3; ASTM D257
High Voltage/Dielectric Withstanding Voltage (Up to 50 kV AC & 60 KV DC)	ASTM D149 (2009) T624680.4 288.6 Tm ()Tj ET EMC /P <</M

A2LA has accredited

NTS LABS, LLC CHICAGO

Mount Prospect, IL

for technical competence in the field of

Electrical 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 16th day of August 2022.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 0214.39
Valid to May 31, 2024