



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

(5m semi-anechoic chamber)

47 CFR FCC Part 15B (using ANSI C63.4:2014);
47 CFR FCC Part 18 (using MP-5:1986);
VCCI V-3 (up to 6 GHz);
EN 55011; CISPR 11; AS/NZS CISPR 11;
KS C 9811;
EN 55022; CISPR 22; AS/NZS CISPR 22;
EN 55032 (excluding Annex H);
CISPR 32 (excluding Annex H);
AS/NZS CISPR 32 (excluding Annex H);
KS C 9832 (excluding Annex H);
CISPR 25 (Section 6.5);
EN/IEC 61000-6-3; EN/IEC 61000-6-4;
AS/NZS 4268 +A1/A2; AS/NZS 4251-1;
MIL-STD-461E, F, G (RE101, RE102, RE103);
MIL-STD-462D (RE101, RE102, RE103);
MIL-STD-462 (RE01, RE02); CISPR 25; SAE J1113-41;
RTCA/DO-160 C, D, E, F, G, Sections 15 and 21

Conducted

47 CFR FCC Part 15B (using ANSI C63.4:2014);
47 CFR FCC Part 18 (using MP-5:1986);
VCCI V-3;
EN 55011; CISPR 11; AS/NZS CISPR 11;
KS C 9811;
EN 55022; CISPR 22; AS/NZS CISPR 22;
EN 55032; CISPR 32; AS/NZS CISPR 32; KS C 9832;
EN/IEC 61000-6-3; EN/IEC 61000-6-4;
AS/NZS 4268 +A1/A2; AS/NZS 4251-1;
AS/NZS 4250-1; AS/NZS 4250-2;
MIL-STD-461E, F, G (CE101, CE102, CE106);
MIL-STD-462D (CE101, CE102, CE106);
MIL-STD-462 (CE01, CE03, CE07);
RTCA/DO-160C, D, E, F, G, Section 21;
CISPR 25 (Sections 6.3 and 6.4); SAE J1113-41; SAE J1113-42

Emissions (cont.)
Current Harmonics

EN/IEC 61000-3-2; AS/NZS 61000.3.2

Immunity (cont.) Voltage Spike	RTCA/DO-160C, D, E, F, G (Section 17); MIL-STD-461F (CS106); ISO 7637-2; SAE J1113-11
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 11452-10; 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 61000-6-1; AS/NZS 61000.6.1; EN/IEC 61000-6-2; 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 (excluding Annex A through)H BS EN/IEC 60601-1-2; 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 (1k to 10T)	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()TETEMC /P MCID 75 B

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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