SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ELECTROMAGNETIC INVESTIGATIONS, LLC.
8531 NE Cornell Road, Suite 600
Hillsboro, OR 97124
Henry Benitez Phone: 503 466 1160

ELECTRICAL

Valid To: June 30, 2027 Certificate Number: 2569.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory at the location listed above, ***as well as the satellite laboratory location listed below***, to perform the following types of electromagnetic compatibility tests:

Test Technology:	**Test Method(s)** [1]**:**
Emissions	
Radiated Emissions (3m chamber) (*up to 40 GHz*)	FCC CFR 47, Part 15, Subpart B (using ANSI C63.4); FCC CFR 47, Part 18 (using MP-5:1986); CISPR 11; EN 55011; KS C 9811; AS CISPR 11; CNS 13438 (*up to 6 GHz*); CISPR 13; EN 55013; CISPR 14; EN 55014-1; KS C 9814-1; CISPR 22; EN 55022; AS/NZS CISPR 22; CISPR 32; KS C 9832; AS/NZS CISPR 32; IEC 61326-1; EN 61326-1; IEC 61000-6-3; EN 61000-6-3; KS C 9610-6-3; IEC 61000-6-4; EN 61000-6-4; KS C 9610-6-4; ICES-001; ICES-003; ICES-005; VCCI-CISPR 32:2016; VCCI V-3 (*up to 6 GHz*); ANSI C63.4
Conducted Emissions	FCC CFR 47, Part 15, Subpart B (using ANSI C63.4); FCC CFR 47, Part 18 (using MP-5:1986); CISPR 11; EN 55011; KS C 9811; AS CISPR 11; CNS 13438; CISPR 22; EN 55022; AS/NZS CISPR 22; CISPR 32; KS C 9832; AS/NZS CISPR 32; IEC 61326-1; EN 61326-1; IEC 61000-6-3; EN 61000-6-3; KS C 9610-6-3; IEC 61000-6-4; EN 61000-6-4; KS C 9610-6-4; ICES-001; ICES-003; ICES-005; VCCI-CISPR 32; VCCI V-3 (*at mains ports*); ANSI C63.4

Test Technology:	**Test Method(s) [1]:**
Emissions (cont.)	
Harmonics	IEC 61000-3-2; EN 61000-3-2; KS C 9610-3-2
Flicker	IEC 61000-3-3; EN 61000-3-3; KS C 9610-3-3
Immunity	
Electrostatic Discharge	IEC 61000-4-2; EN 61000-4-2; KS C 9610-4-2
Radiated Immunity	IEC 61000-4-3; EN 61000-4-3; KS C 9610-4-3
Electrical Fast Transients/Bursts	IEC 61000-4-4; EN 61000-4-4; KS C 9610-4-4
Surge	IEC 61000-4-5; EN 61000-4-5; KS C 9610-4-5
Conducted Immunity	IEC 61000-4-6; EN 61000-4-6; KS C 9610-4-6
Power Frequency Magnetic Field	IEC 61000-4-8; EN 61000-4-8; KS C 9610-4-8
Voltage Dips, Short Interrupts, and Line Voltage Variations	IEC 61000-4-11; EN 61000-4-11; KS C 9610-4-11 *(all excluding 80% RMS output voltages / Class 3 equipment*)
Generic and Product Specific Family	CISPR 24; EN 55024; CISPR 35; EN 55035; KS C 9835; EN 50130-4; IEC 60730-1; IEC 61326; EN 61326; IEC 61326-1; EN 61326-1; IEC 60601-1-2; EN 60601-1-2; KS C IEC 60601-1-2; IEC 61000-6-1; EN 61000-6-1; KS C 9610-6-1; IEC 61000-6-2; EN 61000-6-2; KS C 9610-6-2
Radio	
Intentional Radiators	FCC CFR 47, Part 15 Subparts C, E, F, G, and H (using ANSI C63.10); FCC CFR 47, Part 15, Subpart D (using ANSI 63.17); RSS-GEN; RSS-210 (up to 40 GHz); RSS-213; RSS-247
RF Exposure	
MPE (calculations only)	IEEE/ANSI C95.3

3650 NW McKibbin Road
Forest Grove, OR 97116

Test Technology:	**Test Method(s)** [1]**:**
Radiated Emissions (Open Area Test Site [OATS] – 3m and 10m) (*up to 18 GHz*)	FCC CFR 47, Part 15, Subpart B (using ANSI C63.4); FCC CFR 47, Part 18 (using MP-5:1986); CISPR 11; EN 55011; KS C 9811; AS CISPR 11; CISPR 13; EN 55013; CISPR 14-1; EN 55014-1; KS C 9814-1; CISPR 22; EN 55022; AS/NZS CISPR 22; CISPR 32; KS C 9832; AS/NZS CISPR 32; CNS 13438 (*up to 6 GHz*); IEC 61326-1; EN 61326-1; IEC 61000-6-3; EN 61000-6-3; KS C 9610-6-3; IEC 61000-6-4; EN 61000-6-4; KS C 9610-6-4; ICES-001; ICES-003; ICES-005; VCCI-CISPR 32:2016; VCCI V-3 (*up to 6 GHz*); ANSI C63.4
Conducted Emissions	FCC CFR 47, Part 15, Subpart B (using ANSI C63.4); FCC CFR 47, Part 18 (using MP-5:1986); CISPR 11; EN 55011; KS C 9811; AS CISPR 11; CISPR 22; EN 55022; AS/NZS CISPR 22; CISPR 32; KS C 9832; AS/NZS CISPR 32; CNS 13438; IEC 61326-1; EN 61326-1; IEC 61000-6-3; EN 61000-6-3; KS C 9610-6-3; IEC 61000-6-4; EN 61000-6-4; KS C 9610-6-4; ICES-001; ICES-003; ICES-005; VCCI-CISPR 32; VCCI V-3 (*at mains ports*); ANSI C63.4

On materials and products related to the following:
Industrial, Scientific, Medical Equipment (ISM); Information Technology Equipment (ITE); Multimedia Equipment; Medical Electrical Equipment; Alarm Systems; Automatic Electric Controls; Measurement, Control and Laboratory Equipment; Commercial, Residential, and Light Industrial Equipment; Heavy Industrial Equipment.

[1] When the date, edition, version, etc. is not identified in the scope of accreditation, laboratories may use the version that immediately precedes the current version for a period of one year from the date of publication of the standard test method, per Annex A, Part C of A2LA's *R101 - General Requirements: Accreditation of Conformity Assessment Bodies.*

Testing Activities Performed in Support of FCC Certification in Accordance with 47 Code of Federal Regulations and FCC KDB 974614, Appendix A, Table A.1:

Rule Subpart/Technology	**Test Method**	**Maximum Frequency**
Unintentional Radiators Part 15B	ANSI C63.4:2014	40000 MHz
Industrial, Scientific, and Medical Equipment Part 18	FCC MP-5 (February 1986)	40000 MHz
Intentional Radiators Part 15C	ANSI C63.10:2013; ANSI C63.10:2020	40000 MHz
Unlicensed Personal Communication Systems Devices Part 15D	ANSI C63.17:2013	40000 MHz
U-NII without DFS Intentional Radiators Part 15E	ANSI C63.10:2013; ANSI C63.10:2020	40000 MHz
UWB Intentional Radiators Part 15F	ANSI C63.10:2013; ANSI C63.10:2020	40000 MHz
BPL Intentional Radiators Part 15G	ANSI C63.10:2013; ANSI C63.10:2020	40000 MHz
White Space Device Intentional Radiators Part 15H	ANSI C63.10:2013 ANSI C63.10:2020	40000 MHz

Note: Accreditation does not imply acceptance to the FCC equipment authorization program. Please see the FCC website (https://apps.fcc.gov/oetcf/eas/) for a listing of FCC approved laboratories.

Accredited Laboratory

A2LA has accredited

ELECTROMAGNETIC INVESTIGATIONS, LLC

Hillsboro, OR

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 3rd day of June 2025.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 2569.01
Valid to June 30, 2027

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