



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

TEKTRONIX EMC LAB ¹
13725 SW Karl Braun Drive
Beaverton, OR 97077
Kelly Kofoed Phone: 503 627 4944

ELECTRICAL (EMC)

Valid to: August 31, 2020

Certificate Number: 1520.01

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 electromagnetic compatibility tests:

Test:

Test Method(s):

Emissions

Conducted Emissions	CFR 47 FCC, Part 15 Subpart B (using ANSI C63.4:2014)
Radiated & Conducted Emissions (<i>up to 6 GHz</i>) (*Search height to 2.7 m)	EN 55011; EN 55032 (<i>excluding equipment within the scope of CISPR 13</i>)
Current Harmonics	EN 61000-3-2
Flicker	EN 61000-3-3

Immunity

Electrostatic Discharge (ESD)	IEC 61000-4-2
Radiated Immunity	IEC 61000-4-3
Electrical Fast Transient/Burst	IEC 61000-4-4
Surge Immunity	IEC 61000-4-5
Conducted Immunity	IEC 61000-4-6
Power Frequency Magnetic Field Immunity	IEC 61000-4-8
Voltage Dips, Short Interruptions, and Voltage Variations	IEC 61000-4-11

¹ This accreditation covers testing performed at the main laboratory listed above, and the following satellite laboratory listed below:

TEKTRONIX EMC LAB
Open Area Test Site (OATS)
Building 92, Walker Road Industrial Park
18700 NW Walker Road
Beaverton, OR 97076

Test:

Test Method(s):

Emissions

Radiated Emissions (up to 1.0 GHz)	CFR 47 FCC, Part 15 Subpart B (using ANSI C63.4:2014); EN 55011; EN 55032 (excluding equipment within the scope of CISPR 13)
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***Generic/Product Family Standards
and Industry Standards***

Product Family Standards	EN 61326-1:2013; EN 61326-2-1:2013
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On the following products or types of products: Information Technology Equipment (ITE), Multimedia (MME) and Industrial, Scientific, and Medical Equipment (ISM).

Testing Activities Performed in Support of FCC Declaration of Conformity and Certification in Accordance with 47 Code of Federal Regulations and FCC KDB 974614, Appendix A, Table A.1 ²:

Rule Subpart/Technology	Test Method	Maximum Frequency (MHz)
<u>Unintentional Radiators</u> Part 15B	ANSI C63.4:2014	1000 MHz

²Accreditation 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

TEKTRONIX EMC LAB

Beaverton, OR

for technical competence in the field of

Electrical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 *General requirements for the competence of testing and calibration laboratories*. This laboratory also meets the requirements of any additional program requirements in the Electrical field. 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 18th of July 2018.

A handwritten signature in black ink, written over a horizontal line.

President and CEO
For the Accreditation Council
Certificate Number 1520.01
Valid to August 31, 2020

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