



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

APPLIED TEST LAB, INC.
Unit 4174-3961, 52nd Avenue NE,
Calgary, Alberta, T3J 0J8, Canada
Dr. Adishesu Nyshadham Phone: 403 590 8701

ELECTRICAL (EMC)

Valid to: July 31, 2019

Certificate Number: 4239.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following electrical tests:

Test:

Test Method(s):

Emissions

Radiated and Conducted	CFR 47, FCC Part 15B (using ANSI C63.4:2014); CFR 47, FCC Part 15C (using ANSI C63.10:2013); CISPR 11; EN 55011; AS/NZS CISPR 11; CISPR 11:2010; EN 55011:2010; CISPR 22; EN 55022; AS/NZS CISPR 22; ICES-003; ICES-001; CISPR 32; EN 55032; AS/NZS CISPR 32; CISPR 25:2002, 2008; CISPR 25; RSS Gen; RSS-210; RSS-247; AS/NZS 4268; AS/NZS 4771; EN 300-113-1; EN 300-220; EN 300-330; EN 300-328; EN 303-413; EN 300-440-1; EN 300 893; EN 301-908-1; EN 301-908-2; VCCI V-3 (up to 6 GHz); VCCI-CISPR 32
Harmonics	EN 61000-3-2; IEC 61000-3-2
Flicker	EN 61000-3-3; IEC 61000-3-3

<u>Test:</u>	<u>Test Method(s):</u>
<i>Immunity</i>	
Electrostatic Discharge (ESD)	EN 61000-4-2; IEC 61000-4-2
Radiated Immunity	EN 61000-4-3; IEC 61000-4-3
Electrical Fast Transient/Burst	EN 61000-4-4; IEC 61000-4-4; EN 61000-4-4:2004; IEC 61000-4-4:2004; EN 61000-4-4:2010; IEC 61000-4-4:2010
Surge Immunity	EN 61000-4-5; IEC 61000-4-5
Conducted Immunity	EN 61000-4-6; IEC 61000-4-6
Power Frequency Magnetic Field	EN 61000-4-8; IEC 61000-4-8
Voltage Dips/Interrupts and Variations	EN 61000-4-11; IEC 61000-4-11
Radiated Immunity – ALSE	CISPR 25:2002, 2008; CISPR 25; ISO 11452-2; ISO 11452-1
Radiated Immunity – Stripline	CISPR 25:2002, 2008; CISPR 25; ISO 11452-5; ISO 11452-1
Bulk Current Injection	CISPR 25:2002, 2008; CISPR 25; ISO 11452-4; ISO 11452-1
<i>Generic and Product Family Standards</i>	CISPR 25:2002, 2008; CISPR 25; AS/NZS CISPR 25; CISPR 24; EN 55024; AS/NZS CISPR 24; EN 55035; CISPR 35; AS/NZS CISPR 35; IEC 61326; IEC 61326-1; EN 61326-1; IEC 60601-1-2; EN 60601-1-2; EN 61000-6-1; EN 61000-6-2; EN 61000-6-3; EN 301-489-1; EN 301-489-3; EN 301-489-5; EN 301-489-17; EN 301-489-19

On the following products and materials:

ITE, Test & Measurement, Mobile Devices, Consumer Electronics, Medical Devices, Multimedia Equipment (MME) (IT Equipment, Audio Equipment, Video Equipment)



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.1¹:

Rule Subpart/Technology	Test Method	Maximum Frequency (MHz)
Unintentional Radiators Part 15B	ANSI C63.4:2014	26500 MHz
Intentional Radiators Part 15C	ANSI C63.10:2013	26500 MHz

¹Accreditation 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.

WITHDRAWN





Accredited Laboratory

A2LA has accredited

APPLIED TEST LAB INC.

Calgary, Alberta, Canada

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 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 8 January 2009).



Presented this 24th of July 2017.

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

President and CEO
For the Accreditation Council
Certificate Number 4239.01
Valid to July 31, 2019

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