



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ELECTRONICS PRODUCT DEVELOPMENT CENTER
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ELECTRICAL (EMC)

Valid to: August 31, 2023

Certificate Number: 5144.01

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

Test Technology:

Test Method(s)¹:

Emissions

Conducted and Radiated
(9 kHz to 8 GHz)

CISPR 11; CISPR 14-1; CISPR 22; CISPR 32;
EN55022; EN55032;
CFR 47, FCC Part 15B (using ANSI C63.4:2014)

Harmonics

IEC 61000-3-2

Flicker

IEC 61000-3-3

Immunity

ESD

IEC/EN 61000-4-2

Radiated Immunity
(80 MHz to 6 GHz, 18 V/m)

IEC/EN 61000-4-3

EFT/Burst

IEC/EN 61000-4-4

Surge

IEC/EN 61000-4-5

Conducted Immunity

IEC/EN 61000-4-6

Power Frequency Magnetic Field

IEC/EN 61000-4-8

Voltage Dips and Drops

IEC/EN 61000-4-11

Generic, Product Family and Industry
Standards

IEC/EN 61000-6-1;
CISPR 14-2; CISPR 35

Test Technology:**Test Method(s)¹:*****Automotive EMC – component level***

RF Conducted Emissions

CISPR 25

RF Radiated Emissions

CISPR 25

Radiated Immunity (ALSE)
(80MHz to 4 GHz, 100V/m)

ISO11452-2

Bulk Current Injection (BCI)
(1MHz to 400MHz)

ISO11452-4

Testing Activities Performed in Support of FCC Certification in Accordance with 47 Code of Federal Regulations and FCC KDB 974614, Appendix A, Table A.1²

Rule Subpart/Technology**Test Method****Maximum
Frequency
(MHz)**Unintentional Radiators
Part 15B

ANSI C63.4:2014

8000

On the following products and materials:

1. IoT equipment
2. Information Technology Equipment
3. Multimedia Equipment
4. Power Supplies
5. Uninterruptable Power Supplies
6. 3D Printers
7. Medical equipment
8. On-board Automotive devices (ie: camera, sensor, ecu, etc.)

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 measurement method, per part C., Section 1 of A2LA R101 - General Requirements- Accreditation of ISO-IEC 17025 Laboratories.

² 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

ELECTRONICS PRODUCT DEVELOPMENT CENTER

Taguig City, Philippines

for technical competence in and compliance with the

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 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 19th day of July 2021.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 5144.01
Valid to August 31, 2023
Revised May 18, 2023



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