



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

METHODE ELECTRONICS, INC.
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ELECTRICAL (EMC)

Valid to: July 31, 2019

Certificate Number: 3696.03

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

Test:

Emissions

Conducted Emissions

Test Method(s):

CISPR 25, Sections 6.3 and 6.4;
GMW3097, Section 3.3.2;
CS-00054, Sections 5.6.1 and 5.6.2;
FMC1278, Sections 9.0 and 10.0
(CE 420, CE 421)

Conducted Transient Emissions

ISO 7632-2, Section 4.3;
GMW3097, Section 3.5.1;
CS-00054, Section 5.7;
FMC1278, Section 11.0 (CE 410)

Radiated Emissions (Anechoic)

CISPR 25, Section 6.5;
GMW3097, Section 3.3.1;
CS-00054, Section 5.6.3;
FMC1278, Section 8.0

Immunity

Bulk Current Injection (BCI)

ISO 11452-4, Sections 8.3.1.2 and 8.3.1.3;
CS.00054, Section 5.8.1;
GMW3097, Section 3.4.1;
SAE J1113-4;
FMC1278, Section 12.5 (RI 112)

Radiated Immunity (Anechoic)
(200 MHz to 3.2 GHz)

ISO 11452-2;
CS.00054, Section 5.8.2;
GMW3097, Section 3.4.2;
FMC1278, Section 12.6 (RI 114);
FMC1278, Section 12.7 (RI 115);
SAE J1113-21

Test:

Immunity (cont.)

Conducted Transient Immunity
(Power/Supply Lines)

Test Method(s)¹:

ISO 7637-2, 2004;
ISO 7637-2;
ISO 16750-2, (Pulse 4, 5a, 5b);
CS.00054, Section 5.9.1;
GMW3097, Section 3.5.2;
FMC1278, Section 16.0 (CI 210);
FMC1278 Section 17.0(CI 220);
FMC1278 Section 18.0(CI 221);
FMC1278 Section 19.0(CI 222);
FMC1278, Section 20.0 (CI 230);
FMC1278, Section 22.0 (CI 250);
FMC1278, Section 23.0 (CI 260);
FMC1278, Section 24.0 (CI 270);
SAE J1113-11;
SAE J1113-12

Conducted Transient Immunity
(Other Than Power/Supply Lines)

ISO 7637-3, Sections 3.4.2 (CCC) and
3.4.3 (DCC);
CS.00054, Sections 5.9.2 and 5.9.3;
GMW3097, Sections 3.5.3 and 3.5.5;
SAE J1113-11;
SAE J1113-12

Coupled Immunity

FMC1278, Section 14.0 (RI 130);
FMC1278, Section 15.0 (RI 150)

Electrostatic Discharge (ESD)

ISO 10605, (2001, 2008);
CS.00054, Sections 5.10.1 and 5.10.2;
FMC1278, (CI 280);
SAE J1113-13;
GMW3097, Section 3.6

On the following products and materials:

Automotive, Industrial, Commercial, Medical, and Military Products

¹Also using customer specific test methods utilizing any combination of test methods, equipment, and parameters above, the laboratory is capable of issuing accredited test reports to these similar and customer specific methods.



Accredited Laboratory

A2LA has accredited

METHODE ELECTRONICS, INC.

Southfield, MI

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 1st day of May 2017.

A blue ink signature of the Vice President of Accreditation Services.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 3696.03
Valid to July 31, 2019
Revised May 16, 2019

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