



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

APTIV KOKOMO TEST LAB
EMC Laboratory
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ELECTRICAL

Valid to: March 31, 2021

Certificate Number: 1567.01

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

Test Technology:

Test Method(s)¹:

Electrostatic Discharge (ESD)
(excluding ISO 10605 vehicle level tests)

ISO 10605 (2008);
CS-00054, Section 5.10;
EMC-CS-2009 Section 21.0 (CI 280);
FMC 1278 Section 25.0 (CI 280);
GMW 3097 Section 3.6 (April 2012, June 2015)

RF Conducted Emissions

CISPR 25 (2002, 2008, 2016);
CS-00054, Sections 5.6.1, 5.6.2;
EMC-CS-2009 Sections 8.0 (CE 420), 9.0 (CE 421)
FMC 1278 Section 9.0 (CE 420), 10.0 (CE 421);
GMW 3097 Section 3.3.2 (April 2012, June 2015)

RF Radiated Emissions

CISPR 25 (2002, 2008, 2016);
CS-00054, Section 5.6.3;
EMC-CS-2009 Sections 7.0 (RE 310)
FMC 1278 Section 8.0 (RE 310)
GMW 3097 Section 3.3.1 (April 2012, June 2015)

Bulk Current Injection (BCI)

ISO 11452-4 (2005, 2011);
CS-00054, Section 5.8.1;
EMC-CS-2009 Sections 11.0 (RI 112)
FMC 1278 Section 12.0 (RI 112)
GMW 3097 Section 3.4.1 (April 2012, June 2015)

Absorber-Lined Shielded Enclosure (ALSE)

ISO 11452-2 (2004);
CS-00054, Section 5.8.2;
EMC-CS-2009 Section 11.0 (RI 114)
FMC 1278 Section 12.0 (RI 114);
GMW 3097 Section 3.4.2 (April 2012, June 2015)

Test Technology:**Test Method(s)¹:*****Portable Handheld Transmitter***

ISO 11452-9 (2012);
EMC-CS-2009 Sections 11.0 (RI 115)
FMC 1278 Section 12.0 (RI 115);
GMW 3097 Section 3.4.4 (April 2012, June 2015)

Magnetic Field Immunity

ISO 11452-8 (2007, 2015);
CS-00054; Section 5.8.3;
EMC-CS-2009 Sections 12.0 (RI 140)
FMC 1278 Section 13.0 (RI 140);
GMW 3097 Section 3.4.5 (April 2012, June 2015)

***Reverberation Radiated Immunity Mode Tuned
(360 MHz – 3.2 GHz)***

ISO/IEC 61000-4-21 (2003, 2011);
EMS-CS-2009 Sections 11.0 (RI 114)
FMC 1278 Section 12.0 (RI 114)
GMW 3097 Section 3.4.3 (April 2012, June 2015)

Conducted Transient Immunity on Supply Lines

ISO 7637-1 (2002, 2015)
ISO 7637-2 (2004, 2011);
ISO 16750-2 (2012);
CS-00054; Section 5.9;
EMC-CS-2009 Sections 15.0 (CI 210), 16.0 (CI 220),
17.0 (CI 230);
FMC 1278 Section 17.0 (CI 220), 18.0 (CI 221), 19.0
(CI 222), 20.0 (CI 230), 21.0 (CI 231);
GMW 3097 Section 3.5 (April 2012, June 2015)

***Conducted Transient Immunity by Capacitive and Inductive Coupling
(Other than Supply Lines)***

ISO 7637-3 (2007, 2016);
CS-00054; Section 5.9;
GMW 3097 Section 3.5 (April 2012, June 2015)

EFT/Burst Transient Immunity

IEC 61000-4-4 (2004, 2012)

Surge Transient Immunity

IEC 61000-4-5 (2005, 2014)

¹ When the date, revision or edition of a test method standard is not identified on the scope of accreditation, the laboratory is required to be using the current version within one year of the date of publication, per part C., Section 1 of A2LA R101 - *General Requirements - Accreditation of ISO-IEC 17025 Laboratories*. If a specifier/regulator imposes a different transition period, this will supersede the A2LA one year implementation period.

NOTE: This laboratory's scope contains withdrawn or superseded methods. As a clarifier, this indicates that the applicable method itself has been withdrawn or is now considered "historical" and not that the laboratory's accreditation for the method has been withdrawn





Accredited Laboratory

A2LA has accredited

APTIV KOKOMO TEST LAB

Kokomo, IN

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 17th day of December 2018.

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

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 1567.01
Valid to March 31, 2021
Revised February 25, 2021

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