



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005¹

APTIV CONTRACT SERVICES-S. de R.L. de C.V.
ADVANCED SAFETY & USER EXPERIENCE
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ELECTRICAL (EMC)

Valid to: August 31, 2020

Certificate Number: 2201.01

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)³:

RF Radiated and Conducted Emissions

CISPR 25 (2002, 2008) Sections 6.2, 6.3, and 6.4;
GMW 3097 (June 2015) Sections 3.3.1, 3.3.2, 3.3.3 and 3.3.4

Bulk Current Injection (BCI)

ISO 11452-4 (2005, 2011 [*excluding section 6.2*]);
GMW 3097 (June 2015) Section 3.4.1

Radiated Immunity (ALSE)

(200 MHz to 18 GHz at 200 V/m)
(200 to 400 MHz Horizontal, 100 V/m, with
Ground Plane)
(Radar Pulse limited to 300 V/m)

ISO 11452-2 (2004);
GMW 3097 (June 2015) Section 3.4.2

Radiated Immunity Reverberation

(400 MHz – 3.1 GHz)

ISO/IEC 61000-4-21 (2003, 2011);
GMW3097 (June 2015) Section 3.4.3

Test Technology

Test Method(s)³:

Near-Field Portable Transmitters

ISO 11452-9 (2012);
GMW 3097 (June 2015) Section 3.4.4

Immunity to Magnetic Fields

ISO 11452-8 (2007, 2015);
GMW 3097 (June 2015) Section 3.4.5

Electrical Transient Conduction Along Supply Lines (Transients Immunity)

ISO 7637-2 (2004, 2011);
ISO 16750-2 (2012) (*excluding* sections 4.11 and 4.12);
GMW 3097 (June 2015) Sections 3.5.1 and 3.5.2

Electrical Transient Transmission by Capacitive and Inductive Coupling (Other than Supply Lines)

ISO 7637-3 (2007, 2016);
GMW 3097 (June 2015) Sections 3.5.3, 3.5.4, 3.5.5 and 3.5.6

Electrostatic Discharge (ESD)

ISO 10605 (2001 and 2008) Sections 8 and 9;
GMW 3097 (June 2015) Sections 3.6.1, 3.6.2, & 3.6.3

¹ Accreditation to ISO/IEC 17025 may be used to demonstrate supplier in-house laboratory conformity to the section 7.1.5.3 laboratory requirement of IATF 16949: 2016.

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³ When the date, revision or edition of a test method standard is not identified on the scope of accreditation, the laboratory is expected 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.





Accredited Laboratory

A2LA has accredited

APTIV CONTRACT SERVICES S. DE R. L. DE C. V.

Chihuahua, Mexico

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 April 2017).



Presented this 26th day of September 2018.

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

President and CEO
For the Accreditation Council
Certificate Number 2201.01
Valid to August 31, 2020

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