



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ROBERT BOSCH  
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ELECTRICAL (EMC)

Valid To: November 30, 2021

Certificate Number: 1867.01

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:

<b><u>Test Technology</u></b>	<b><u>Test Method(s) <sup>1</sup></u></b>
<b><i>Electrostatic Discharge (ESD)</i></b>	ISO 10605 (2001); ISO 10605 (2008)
<b><i>Conducted Emissions</i></b>	CISPR 25 (2016) Sections 6.3, 6.4; CISPR 25 (2008) Sections 6.2, 6.3; CISPR 25 (2002) Sections 6.2, 6.3
<b><i>Radiated Emissions</i></b>	CISPR 25 (2016) Section 6.5; CISPR 25 (2008) Section 6.4; CISPR 25 (2002) Section 6.4
<b><i>Bulk Current Injection (BCI)</i></b> <i>(Substitution Method)</i>	ISO 11452-4 (2005); ISO 11452-4 (2011); ISO 11452-4 (2020)
<b><i>Absorber Lined Shielded Enclosure (ALSE)</i></b> <i>(Substitution Method, Metallic Bench)</i> <i>(Freq. 200 MHz – 7.5 GHz, up to 600V/m)</i>	ISO 11452-2 (2004); ISO 11452-2 (2019)
<b><i>Conducted Immunity</i></b> <i>(Transients)</i>	ISO-7637-1 (2015); ISO-7637-2 (2011); ISO-7637-3 (2016); ISO-16750-1 (2006); ISO 16750-1 (2018); ISO-16750-2 (2012)
<b><i>Portable Transmitters</i></b>	ISO 11452-9 (2012)
<b><i>Magnetic Field Immunity</i></b>	ISO 11452-8 (2015)

**Test Technology**

**Test Method(s)<sup>1</sup>**

*Steady Rate Ripple*

SAE J1113-2 (2004)

*Horn Noise*

SAE J1113-12 (2017)

*Insulation Resistance*

MIL-STD-202F-302

*Dielectric Strength, AC*

MIL-STD-202F-303

*Battery Line Transients*

GMW 3172 (2018)

<sup>1</sup>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.

WITHDRAWN





# Accredited Laboratory

A2LA has accredited

**ROBERT BOSCH**

*Plymouth, MI*

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 12<sup>th</sup> day of May 2020.

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

Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 1867.01  
Valid to November 30, 2021

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