



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

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ELECTRICAL

Valid to: November 30, 2025

Certificate Number: 5107.03

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

Test Technology:

Test Method(s) ¹:

Automotive Standards

Electrostatic Discharge (ESD)

ISO 10605 (*excluding clause 10*)

Radiated Emissions

CISPR 25 (clause 6.5);
EN 55025 (clause 6.5);
UN ECE Regulation 10 (Annexes 7 and 8)

Conducted Emissions

CISPR 25 (clauses 6.3 and 6.4);
EN 55025 (clause 6.5);
UN ECE Regulation 10 (Annex 19)

Absorber-Lined Shielded Enclosure (ALSE)

ISO 11452-2 (*200 MHz to 6 GHz*);
UN ECE Regulation 10 (Annex 9a)

Transverse Electromagnetic (TEM) Cell

ISO 11452-3;
UN ECE Regulation 10 (Annex 9b)

Bulk Current Injection (BCI)

ISO 11452-4 (*excluding Section 6.2 7.6.2, 8.6.2, 9.3.2*);

Stripline

UN ECE Regulation 10 (Annex 9c)
ISO 11452-5;
UN ECE Regulation 10 (Annex 9d)

Magnetic Field Immunity

ISO 11452-8

Portable Transmitters

ISO 11452-9 (*28 MHz to 6 GHz*)

Immunity to Conducted Disturbances in
the Extended Audio Frequency Range

ISO 11452-10

Test Technology:**Test Method(s) ¹:*****Automotive Standards (continued)***

Reverberation chamber	ISO 11452-11 (80 MHz to 18 GHz)
Conducted Transients	ISO 7637-2; ISO 7637-3; ISO 7637-4; UN ECE Regulation 10 (Annex 10)
Electrical Loads	ISO 16750-2
Tri-Plate Line Method	SAE J1113-25
Product Family Standard for Aftermarket Electronic Equipment in Vehicles	EN 50498
<i>Emissions</i>	
Radiated	ANSI C63.4 (up to 18 GHz)
Conducted	ANSI C63.4 (150 kHz to 30 MHz); CISPR 16-2-1 (Measurements with AMN only, continuous disturbances only)
Harmonics	UN ECE Regulation 10 (Annex 17, excluding clause 1.2.b); IEC 61000-3-2; IEC 61000-3-12
Flicker	UN ECE Regulation 10 (Annex 18, excluding clause 1.2.b); IEC 61000-3-3; IEC 61000-3-11
<i>Immunity</i>	
Electrical Fast Transient/Burst	UN ECE Regulation 10 (Annex 21); IEC 61000-4-4
Surge	UN ECE Regulation 10 (Annex 22); IEC 61000-4-5 (Mains surge only & excluding 10/700 µs combination)
Electrostatic Discharge (ESD)	IEC 61000-4-2; EN 61000-4-2
Radiated Immunity	IEC 61000-4-3; EN 61000-4-3; EN IEC 61000-4-3 (80 MHz to 6 GHz at 3 V/m)
Reverberation chamber	IEC 61000-4-21; RTCA DO-160G Section 20.6 (up to 340 V/m)
Conducted Immunity	IEC 61000-4-6; EN 61000-4-6

Test Technology:

Generic and Product Family Standards

Test Method(s) ¹:

CISPR 35 (*Radiated and conducted immunity only, excluding Annexes F, G, H*);
EN 55035 (*Radiated and conducted immunity only, excluding Annexes F, G, H*)

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 Conformity Assessment Bodies*.



Accredited Laboratory

A2LA has accredited

UL JAPAN, INC. AUTOMOTIVE TECHNOLOGY CENTER

Miyoshi-shi, Aichi, Japan

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 18th day of January 2024.

A blue ink signature of Mr. Trace McInturff, written in a cursive style.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 5107.03
Valid to November 30, 2025
Revised October 14, 2024

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