



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

DENKEN CO., LTD. EMC TEST LAB
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ELECTRICAL (EMC)

Valid to: November 30, 2024

Certificate Number: 6572.01

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:

<u>Test Technology</u>	<u>Test Method(s)¹</u>
<i>Electrostatic Discharge (ESD)</i>	ISO 10605; ISO 10605:(2001, 2008)
<i>Bulk Current Injection (BCI)</i>	ISO 11452-4; ISO 11452-4:(2005, 2011)
<i>RF Conducted Emissions</i> <i>(Non-Vehicle, Voltage and Current</i> <i>Methods, HV excluded)</i>	CISPR 25; CISPR 25:2016
<i>Radiated Emissions</i> <i>(Non-Vehicle)</i>	CISPR 25; CISPR 25:2016
<i>Radiated Immunity - Absorber Lined</i> <i>Shielded Enclosure (ALSE)</i> <i>(80 MHz to 4 GHz)</i>	ISO 11452-2; ISO 11452-2:2019
<i>Conducted Transient Emissions</i>	ISO 7637-2; ISO 7637-2:2011
<i>Conducted Transient Immunity Along</i> <i>Supply Lines</i>	ISO 7637-2; ISO 7637-2:2011
<i>Conducted Transient Immunity Along</i> <i>Lines Other Than Supply Lines</i>	ISO 7637-3; ISO 7637-3:2016
<i>Electrical Loads</i>	ISO 16750-2; ISO 16750-2:2012, Sections 4.6.3 and 4.6.4
<i>Immunity to Magnetic Fields</i> <i>(10Hz to 150kHz)</i>	ISO 11452-8; ISO 11452-8:2015, Section 7.4
<i>Portable Transmitters Immunity</i>	ISO 11452-9; ISO 11452-9:2012
<i>IC Conducted Emissions</i>	IEC 61967-4; IEC 61967-4:2021; JASO D 019; JASO D 019:2021; JEITA ED-5008
<i>IC Immunity</i>	IEC 62132-4; IEC 62132-4:2006; JASO D 019; JASO D 019:2021; JEITA ED-5008

¹When the date, revision or edition of a test method standard is not identified on the scope of accreditation, the laboratory may use the version that immediately precedes the current version for a period of one year from the date of publication of the standard test method, per part C., Section 1 of A2LA R101 - *General Requirements - Accreditation of ISO-IEC 17025 Laboratories*.





Accredited Laboratory

A2LA has accredited

DENKEN CO., LTD. EMC TEST LAB

Aichi-Ken, 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 16th day of January 2023.

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

Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 6572.01
Valid to November 30, 2024

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