

Scope of Accreditation

(Measurement Method)

Accreditation Number: VLAC-001-7

Expiration Date: April 30, 2026

[Name of Laboratory]

Japan Quality Assurance Organization

[Test site name]

Chubu Testing Center, Automotive EMC Lab.

[Test site Address]

22, Gotan, Okimura, Kitanagoya-shi, Aichi-ken

[Measurement Method]

Emission test

Radiated disturbance: Enclosure Port

Disturbance electric field test

[Test condition]

On the reference ground plane: In-vehicle equipment test (1m Method)

Measurement Frequency Range: 100 kHz - 6 GHz

Conducted disturbance Measurement: DC power line port

Conductive interference test against in-vehicle equipment

Electrical transient conduction along supply lines

Immunity test

Electro static discharge test

Contact discharge, Air discharge, Indirect discharge

Radiated electromagnetic field strength

against in-vehicle

Measurement Frequency Range: 200 MHz – 6 GHz

TEM cell

Measurement Frequency Range: 1 MHz – 400 MHz

Stripline

Measurement Frequency Range: 10 kHz – 500 MHz

Reverberation chamber

Measurement Frequency Range: 200 MHz – 6 GHz

Bulk current injection test

Measurement frequency range: 100 kHz – 2 GHz

Road vehicles - Portable transmitters

Measurement frequency range: 360 MHz – 6 GHz

Road vehicles - Immunity to magnetic fields

Measurement Frequency Range: DC, 15 Hz – 150 kHz

Interruptions and Voltage variations

Immunity to transient disturbances conducted along supply lines / other than supply lines

Vehicle /In-vehicle equipment test

ESA (In-vehicle equipment) Emission

ESA (In-vehicle equipment) Immunity

Voluntary EMC Laboratory Accreditation Center Inc.

Scope of Accreditation

(Test standards)

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[Test standards]

Vehicle /In-vehicle equipment test

EU Directive 2004/104/EC, Annex I, Clause 6.5/ 6.6/ 6.7/ 6.8/ 6.9

ECE R-10 (Clause 6.5, 6.6, 6.7, 6.8, 6.9, 7.10-7.19 章) :Rev5 / Rev6+A1:2020

CISPR 25:2016 (Except for Vehicle) :2002+COR1:2004 / 2008+COR1:2009 / 2016+COR1:2017 / 2021

EN55025 :2017, EN 50498:2010

ISO-7637-2:2004+A1:2008 / 2011, ISO-7637-3:2007 / 2016

ISO 11452-1:2005+A1:2008 / 2015, ISO 11452-2:2004 / 2019, ISO 11452-3:2001 / 2016

ISO 11452-4:2005+COR1:2009 / 2011 / 2020 (Except for TWC test method)

ISO 11452-5:2002, ISO 11452-8:2015 (Except for Helmholtz coil method)

ISO 11452-9:2021^{*1}, ISO 11452-11:2010

ISO 10605:2008+A1:2014 / 2023

ISO 13766-1:2018

ISO 16750-2 (Clause 4.6.3, 4.6.4):2012

***1: Limited to Broadband antenna.**

Voluntary EMC Laboratory Accreditation Center Inc.

The laboratory is only accredited for testing activities outlined within the test methods listed above. If test standards do not include the edition, it means the latest one at the date of renewal (5.1, 2024).