

Scope of Accreditation

(Measurement Method)

Accreditation Number: VLAC-012
Expiration Date: November 21, 2024

[Name of Laboratory]

NEC Platforms, Ltd.

[Test site name]

Takegawa EMC Center

[Test site Address]

800, Shimomata, Takegawa-shi, Shizuoka, 436-8501, Japan

[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 : 150 kHz – 6 GHz

Conductive interference DC power line port

Conductive interference test against in-vehicle equipment

Immunity test

Electro static discharge test

Contact discharge, Air discharge, Indirect discharge

Radiated electromagnetic field strength

Measurement Frequency Range: 80 MHz – 6 GHz

Electrical fast transient/burst (EFT/B)

Mains port, Telecommunication/Signal port

Surge

Mains port, Telecommunication/Signal port

RF conducted interference

Mains port measurement Frequency Range: 150 kHz – 80 MHz

Telecommunication/Signal port measurement Frequency Range: 150 kHz – 80 MHz

Radiated magnetic field

Interruptions and Voltage variations

Vehicle /In-vehicle equipment test

ESA (In-vehicle equipment) Emission

Voluntary EMC Laboratory Accreditation Center Inc.

Scope of Accreditation

(Test standards)

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[Test standards]

Immunity test

IEC 61000-4-2^{*1}/-4-4^{*1}/-4-8^{*1}, IEC 61000-4-3^{*1} :2006+A1:2007+A2:2010

IEC 61000-4-5^{*1} :2005 / 2014+A1:2017, IEC 61000-4-6^{*1} :2008 / 2013

IEC 61000-4-11^{*1} :2004 / 2004+A1:2017 / 2020

EN 61000-4-2^{*1}/-4-4^{*1}/-4-8^{*1}, EN 61000-4-3^{*1} :2006+A1:2008+A2:2010

EN 61000-4-5^{*1} :2006 / 2014+A1:2017, EN 61000-4-6^{*1} :2009 / 2014

EN 61000-4-11^{*1} :2004 / 2020

JIS C 61000-4-2^{*1}/-4-3^{*1}/-4-4^{*1}/-4-8^{*1}, JIS C 61000-4-5^{*1} :2009 / 2018

JIS C 61000-4-6^{*1} :2006 / 2017, JIS C 61000-4-11^{*1} :2008 / 2021

CISPR 35^{*2}, EN 55035^{*2}

***1: Applied to MME only**

***2: Except for outdoor unshielded unsymmetrical port, xDSL port, Annex A, Annex E**

Vehicle /In-vehicle equipment test

CISPR 25^{*3}: Ed2.0 2002-08 / Ed3.0 2008-03 / Ed4.0 2016-10 / Ed5.0 2021-12

ECE R-10 Clause 6.5, 6.6 :2014 / 2019

EN 55025^{*3}

EN IEC 55025^{*3}

***3: LV components/modules only**

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