Scope of Accreditation

（Measurement Method）

Accreditation Number : VLAC-018-4

Expiration Date : September 7, 2023

〔Name of Laboratory〕

e-OHTAMA, LTD.

〔Test site name〕

Tokyo EMC Center, Noborito Laboratory

〔Test site Address〕

294 Noborito, Tama-ku, Kawasaki-shi, Kanagawa 214-0014 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 : 9 kHz – 6 GHz

Disturbance magnetic field strength measurement

[Test Condition] Loop Antenna

Conducted disturbance measurement : AC mains port

Disturbance voltage measurement **[Test Condition] AMN**

Current measurement **[Test Condition] Current probe**

Conducted interference measurement : Telecommunication port

Disturbance current measurement **[Test Condition] Current probe**

Conducted interference measurement : DC power line port

Disturbance voltage measurement **[Test Condition] AMN**

Current measurement **[Test Condition] Current probe**

Conductive interference test against in-vehicle equipment

Immunity test

Electro static discharge test **Contact discharge, Air discharge, Indirect discharge**

Radiated electromagnetic field strength against in-vehicle **Measurement frequency: 10 kHz – 18 GHz**
Measurement Frequency Range : 200 MHz – 5 GHz

Radiated fields in close proximity **Measurement Frequency Range : 360 MHz – 6 GHz**

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

RF conducted interference

Bulk current injection test, measurement frequency range: 10 kHz – 400 MHz

Road vehicles - Immunity to magnetic fields

Interruptions and Voltage variations

Vehicle /In-vehicle equipment test

ESA（In-vehicle equipment） Emission

ESA（In-vehicle equipment） Immunity

Defense and Aerospace

Conductive emissions, conductive Immunity

Radiation emissions, radiation Immunity

Voluntary EMC Laboratory Accreditation Center Inc.

Scope of Accreditation

（Test standards）

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〔Test standards〕

Vehicle /In-vehicle equipment test

ECE R-10 Clause 6.5, 6.6, 6.7, 6.8, 6.9
CISPR 25:2016/2008/2002, EN 55025:2017, ISO 11452-2:2019/2004 (200 MHz - 5 GHz)
ISO 11452-4:2011(only BCI method) /2005/2001, ISO 11452-8:2015/2007
ISO 11452-9:2012(only Broadband antenna)
ISO 7637-2:2011/2004, ISO 7637-3:2016/2007 (Only CCC method)
ISO 16750-2:2012(only Load dump and Starting profile) /2006(only Starting profile)
ISO 10605:2008/2001/1994, EN 50498:2010
ISO 13766-1:2018[*1], ISO 13766-2:2018[*1], EN ISO 13766-1:2018[*1], EN ISO 13766-2:2018[*1]
[*1]: only ESA

Defense and Aerospace

MIL-STD-461D/462D (CE101, CE102, CS101, CS114, RE101, RE102[*2], RS101, RS103[*2])
MIL-STD-461E (CE101, CE102, CS101, CS114, RE101, RE102[*2], RS101, RS103[*2])
MIL-STD-461F (CE101, CE102, CS101, CS114, RE101, RE102[*2], RS101, RS103[*2])
MIL-STD-461G (CE101, CE102, CS101, CS114, CS118, RE101, RE102[*2], RS101, RS103[*2])
[*2]: up to 18 GHz

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