

Scope of Accreditation

(Measurement Method)

Accreditation Number: VLAC-057

Expiration Date: October 31, 2027

[Name of Laboratory]

Advantest Corporation

[Test site name]

Advantest Corp. EMC Center

[Test site Address]

336-1 Ohwa, Meiwa-machi Ora-gun, Gunma 370-0718 Japan

[Measurement Method]

Emission test

Radiated disturbance: Enclosure Port

Disturbance electric field test

[Test condition] **On the reference ground plane, Measurement distance: 3 m / 10 m**

Measurement Frequency Range: 30 MHz - 1 GHz

[Test condition] **Quasi Free Space**

Measurement Frequency Range: 1 GHz - 40 GHz

Conducted disturbance Measurement: AC mains port

Voltage Measurement [Test condition] AMN

Conducted disturbance Measurement: Wired network port

Voltage Measurement [Test condition] AAN

Immunity test

Electro static discharge test

Contact discharge, Air discharge, Indirect discharge

Radiated electromagnetic field strength

Measurement frequency: 80 MHz – 6 GHz

Electrical fast transient/burst (EFT/B)

Mains port, Telecommunication/Signal port

Surge

Mains 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

Voluntary EMC Laboratory Accreditation Center Inc.

Scope of Accreditation

(Test standards)

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[Test standards]

Emission test

CISPR 11:2015+A1:2016+A2:2019

EN 55011:2016+A11:2017+A11:2020+A2:2021

EN 55032:2015+A11:2020+A1:2020 ^{*1, *2}

FCC 47 CFR Part 15 Subpart B: ANSI C63.4-2014, ANSI C63.4a-2017 (up to 40 GHz)

IEC 61000-6-4:2018, EN IEC 61000-6-4:2019, KS C 9610-6-4:2022

IEC 61326-2-1:2020, EN IEC 61326-1:2021

***1: Only Wired network port**

***2: Except for broadcast radio receivers**

[Note-1] In emission testing, In-Situ are outside the scope of accreditation.

Immunity test

IEC 61000-6-2:2016, EN IEC 61000-6-2:2019, KS C 9610-6-2:2024

IEC 61326-2-1:2005, EN IEC 61326-1:2021

IEC 61000-4-2:2008 /-4-3:2020 /-4-4:2012 /-4-5:2014+A1:2017 /-4-6:2023 /-4-8:2009 /-4-11:2020 /-4-34:2005+A1:2009

EN 61000-4-2:2009 /-4-4:2012 /-4-5:2014+A1:2017 /-4-8:2010, EN 61000-4-34:2007+A1:2009

EN IEC 61000-4-3:2020 /-4-6:2023 /-4-11:2020

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 (11.1, 2025).**