

Scope of Accreditation

(Measurement Method)

Accreditation Number : VLAC-037

Expiration Date : March 26, 2023

[Name of Laboratory]

JVCKENWOOD Corporation

[Test site name]

JVCKENWOOD EMC CENTER

[Test site Address]

**3-12, Moriyacho, Kanagawa-ku, Yokohama-shi, Kanagawa
221-0022, Japan**

[Measurement Methods]

Emission test

Radiated disturbance : Enclosure Port

Disturbance electric field test

[Test condition]

On the reference ground plane Measurement distance : 3m/10m

Measurement Frequency Range : 30 MHz - 1 GHz

[Test condition]

Quasi Free Space

Measurement Frequency Range : 1 GHz – 18 GHz

Disturbance power measurement [Test condition] Absorbing clamp

Conducted disturbance Measurement: AC mains port

Voltage Measurement [Test condition] AMN

Conducted disturbance Measurement: Telecommunication port

Voltage Measurement [Test condition] ISN, AAN

Current Measurement [Test condition] Current probe

Conducted disturbance Measurement: Antenna port, RF modulator output port, Tuner port

Wanted signal and disturbance voltage test at the RF output

[Test condition] Selective voltmeter

Immunity test*1

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

RF conducted interference

Mains port measurement frequency range: 150 kHz – 230 MHz

Telecommunication port measurement frequency range: 150 kHz - 230 MHz

Radiated magnetic field

Interruptions and Voltage variations

Harmonic current*1

Harmonic current test

Voltage changes, Voltage fluctuations and Flicker test

*1: Added as of November 24, 2021

Voluntary EMC Laboratory Accreditation Center Inc.

Scope of Accreditation

(Test standards)

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[Test Standards]

Emission test

VCCI Technical Requirement: VCCI-CISPR 32

FCC 47CFR Part15 Subpart B: ANSI C63.4-2014 (up to 18 GHz)

CISPR 13, CISPR 22, CISPR 32, EN 55032

J55032, AS/NZS CISPR 32, ICES-003

IEC 61000-6-3^{*2}, EN 61000-6-3^{*2}

EN 301 489-1/-5/-15/-17/-19 ^{*2}

^{*2}: Added as of November 24, 2021

Immunity test

CISPR 35^{*2 *3}, EN 55035^{*2 *3}

IEC 61000-4-2/-4-3/-4-4/-4-5/-4-6/-4-8/-4-11 ^{*2}, EN 61000-4-2/-4-3/-4-4/-4-5/-4-6/-4-8/-4-11 ^{*2}

IEC 61000-6-1^{*2}, EN 61000-6-1^{*2}

EN 301 489-1^{*2 *4}, EN 301 489-5/-15/-17/-19 ^{*2}

^{*2}: Added as of November 24, 2021

^{*3}: Excluding the Annex B, C, E and H

^{*4}: Excluding the ISO 7637 -2 exams

Harmonic Test in Public Low Voltage Systems

IEC 61000-3-2^{*2}, EN 61000-3-2^{*2}

IEC 61000-3-3^{*2}, EN 61000-3-3^{*2}

^{*2}: Added as of November 24, 2021

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