

Scope of Accreditation

(Measurement Method)

Accreditation Number: VLAC-037

Expiration Date: March 26, 2025

[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

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

Harmonic current test

Voltage changes, Voltage fluctuations and Flicker test

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, J55032

FCC 47CFR Part15 Subpart B: ANSI C63.4-2014*1

CISPR 13:2009, CISPR 22:2008, CISPR 32:2015, AS/NZS CISPR 32:2015

EN 55032:2015+A11:2020, EN 301 489-1/-5/-15/-17, EN 301 489-19: V2.2.1

IEC 61000-6-3, EN 61000-6-3:2007+A1:2011+AC:2012, EN IEC 61000-6-3:2021

ICES-003 (Issue7)

***1: Up to 18 GHz**

Immunity test

CISPR 35:2016*2, EN 55035:2017+A11:2020*2

IEC 61000-4-2:2008, IEC 61000-4-3 :2006+A1:2007+A2:2010 / 2020

IEC 61000-4-4: 2004+A1:2010 / 2012, IEC 61000-4-5: 2014 / 2014+A1:2017

IEC 61000-4-6: 2008 / 2013, IEC 61000-4-8:2009, IEC 61000-4-11: 2004 / 2020

EN 61000-4-2:2009, EN 61000-4-3:2006+A1:2008+A2:2010, EN IEC 61000-4-3:2020

EN 61000-4-4: 2004+A1:2010 / 2012, EN 61000-4-5: 2014 / 2014+A1:2017

EN 61000-4-6: 2009 / 2014, EN 61000-4-8:2010, EN 61000-4-11: 2004 / 2020

EN 301 489-1*3, EN 301 489-5/-15/-17, EN 301 489-19: V2.2.1

IEC 61000-6-1:2016, EN 61000-6-1:2007, EN IEC 61000-6-1:2019

***2: Excluding the Annex B, C, E and H. *3: Excluding Issue 9.6.**

Harmonic Test in Public Low Voltage Systems

IEC 61000-3-2:2018+A1:2020, EN 61000-3-2:2014, EN IEC 61000-3-2:2019+A1:2021

JIS C 61000-3-2:2019

IEC 61000-3-3: 2013+A1:2017 / 2013+A1:2017+A2:2021

EN 61000-3-3: 2013+A1:2019 / 2013+A1:2019+A2:2021

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[Note] If test standards do not include the edition, it means the latest one at the date of renewal (3.27,2023).