

Scope of Accreditation

(Measurement Method)

Accreditation Number : VLAC-010-2

Expiration Date : November 5, 2024

[Name of Laboratory]

FUJITSU LIMITED

[Test site name]

**FUJITSU EVALUATION ENGINEERING LABORATORY
SHINKAWASAKI**

[Test site Address]

1-1 Shinogura, Saiwai-ku, Kawasaki-shi, Kanagawa, 212-8510 Japan

[Measurement Method]

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 – 40 GHz

Conducted disturbance measurement: AC mains port

Voltage measurement [Test condition] AMN

Conducted disturbance Measurement: Telecommunication port

Voltage measurement [Test condition] ISN, Capacitive voltage probe

Current measurement [Test condition] Current probe

Disturbance electric field test: Antenna port / RF modulator output port / Tuner port / Fiber port

Voltage test [Test condition] AAN, Capacitive voltage probe

Current test [Test condition] Current probe

Wanted signal and Voltage test at the RF output [Test condition] Selective voltmeter

Immunity test

Electro static discharge

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: 0.15 MHz – 80 MHz

Telecommunication/Signal port measurement frequency range: 0.15 MHz – 80 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 requirements: VCCI-CISPR 32*¹

FCC 47 CFR Part 15 Subpart B: ANSI C63.4-2014

CISPR 32:2015*¹, EN 55032:2015*¹, J55032:2017*¹, CISPRJ 32:2017*¹

AS/NZS CISPR 32:2015*¹, ICES-003, CNS 13438:2006

***¹: Except for Annex H (Outdoor unit of home satellite receiving systems)**

Immunity test

IEC 61000-4-2/-4-4/-4-5/-4-6/-4-8

IEC 61000-4-3 Ed.3.2 (2010-04), IEC 61000-4-11:2004

EN 61000-4-2/-4-4/-4-5/-4-6/-4-8/-4-11

EN 61000-4-3:2006+A1:2008+A2:2010

CISPR 24:2016, EN 55024:2010, CISPR 35*², EN 55035*²

***²: Except for “Broadband impulsive conducted disturbances”, Annex F (Networking function), Annex G (Audio output function) and Annex H (Telephony function)**

Harmonic Test in Public Low Voltage Systems

IEC 61000-3-2, IEC 61000-3-3:2013, IEC 61000-3-11:2001, IEC 61000-3-12:2011

EN 61000-3-2, EN 61000-3-3:2013, EN 61000-3-11:2001, EN 61000-3-12

JIS C 61000-3-2

Voluntary EMC Laboratory Accreditation Center Inc.