

Scope of Accreditation

(Measurement Method)

Accreditation Number : VLAC-030
Expiration Date : November 30, 2021

[Name of Laboratory]

GE Healthcare Japan Corporation

[Test site name]

GEHC EMC Center

[Test site Address]

4-7-127, Asahigaoka, Hino-shi, Tokyo 191-8503 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 – 18 GHz

Disturbance magnetic field strength measurement [Test condition] Loop Antenna

Conducted disturbance Measurement: AC mains port

Voltage measurement [Test condition] AMN

Conducted disturbance Measurement: Telecommunication port

Voltage measurement [Test condition] ISN, AAN

Conducted disturbance Measurement: DC power line port

Voltage measurement [Test condition] AMN

Conducted disturbance Measurement:

Antenna port, RF modulator output port, Tuner port, Fiber port

Voltage measurement [Test condition] AAN

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 – 80 MHz

Telecommunication/Signal port measurement frequency range:150 kHz – 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

FCC 47CFR Part15 Subpart B : ANSI C63.4-2014*¹, ANSI C 63.4a-2017*¹

FCC 47CFR Part18 : FCC MP-5 (February 1986)

CISPR 11, CISPR 22, CISPR 32*², EN 55011, EN 55022, EN 55032*²

Technical requirements under the Electrical Appliances and Materials safety Act appendix 10 Chapter 2 and Chapter4, J55022

AS/NZS CISPR 11, AS/NZS CISPR 22, AS/NZS CISPR 32*²

AS/NZS 3200.1.2, AS/NZS 61000.6.3, AS/NZS 61000.6.4, ICES-001, ICES-003

IEC 61000-6-3, IEC 61000-6-4, EN 61000-6-3, EN 61000-6-4, EN 12015

IEC 61326-1(Particular requirement IEC 61326-2series)

EN 61326-1(Particular requirement EN 61326-2series)

IEC 60601-1-2(Particular requirement IEC 60601-2series)

EN 60601-1-2(Particular requirement EN 60601-2series)

JIS C 61326-1, JIS C 61326-2-6, JIS T 0601-1-2(Particular requirement JIS T 0601-2series)

*¹ : Frequency range (Limitation) f_{max}=18GHz, *² : Excluding broadcast receiver equipment

Immunity test

CISPR 24, CISPR 35*³, EN 55024, EN 55035*³

IEC 61000-6-1, IEC 61000-6-2, EN 61000-6-1, EN 61000-6-2

AS/NZS CISPR 24, AS/NZS 3200.1.2, AS/NZS 61000.6.1, AS/NZS 61000.6.2

JIS C 61000-6-1, JIS C 61000-6-2, EN 12016

IEC 61326-1(Particular requirement IEC 61326-2series)

EN 61326-1(Particular requirement EN 61326-2series)

IEC 60601-1-2(Particular requirement IEC 60601-2series)

EN 60601-1-2(Particular requirement EN 60601-2series)

JIS C 61326-1, JIS C 61326-2-6, JIS T 0601-1-2(Particular requirement JIS T 0601-2series)

*³ : Excluding broadcast receiver equipment and Annex A,E,G,H

Harmonic Test in Public Low Voltage Systems

IEC 61000-3-2, IEC 61000-3-3, JIS C 61000-3-2, EN 61000-3-2, EN 61000-3-3

IEC 61000-6-3, EN 61000-6-3

AS/NZS 3200.1.2, AS/NZS 61000.3.2, AS/NZS 61000.3.3, AS/NZS 61000.6.3

IEC 61326-1(Particular requirement IEC 61326-2series)

EN 61326-1(Particular requirement EN 61326-2series)

IEC 60601-1-2(Particular requirement IEC 60601-2series)

EN 60601-1-2(Particular requirement EN 60601-2series)

JIS T 0601-1-2(Particular requirement JIS T 0601-2series)

JIS C 61326-1, JIS C 61326-2-6

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