

Scope of Accreditation

(Measurement Method)

Accreditation Number : VLAC-048

Expiration Date : November 28, 2022

[Name of Laboratory]

DAIKIN INDUSTRIES, LTD.

[Test site name]

Technology and Innovation Center EMC SITE

[Test site Address]

1-1, Nishi-Hitotsuya, Settsu, Osaka 566-8585

[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 - 6 GHz

Disturbance electric power measurement [Test condition] Absorption clamp (ACA)

Conducted disturbance Measurement: AC mains port

Voltage measurement [Test condition] AMN, High impedance probe

Conducted disturbance Measurement: Telecommunication port

Voltage measurement [Test condition] ISN/AAN

Current measurement [Test condition] Current probe

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

Immunity to transient disturbances conducted along supply lines / other than supply lines

Surge

Mains port, Telecommunication/Signal port

RF conducted interference

Mains port measurement frequency range : 150 kHz - 230 MHz

Telecommunication/ Signal 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

Telecommunication equipment performance 2

Magnetic field strength [Test condition] Magnetic Field probe

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^{*1}, J55032^{*1}, CISPRJ 32^{*1}

CISPR32^{*1}, EN 55032^{*1}, AS/NZS CISPR 32^{*1}

CISPR14-1^{*2}, EN 55014-1^{*2}, AS CISPR 14.1^{*2}, J55014-1^{*2}

IEC 61000-6-3((Except for Δ-AN), IEC 61000-6-4, EN 61000-6-3, EN 61000-6-4
AS/NZS 61000.6.3, AS/NZS 61000.6.4

^{*1} : Except for broadcast radio receivers

^{*2} : Except for induction cooking appliances

Immunity test

IEC 61000-4-2/-4-3/-4-4/-4-5/-4-6/-4-8/-4-11/-4-34,

EN 61000-4-2/-4-3/-4-4/-4-5/-4-6/-4-8/-4-11/-4-34,

JIS C 61000-4-2/-4-3/-4-4/-4-5/-4-6/-4-8/-4-11/-4-34,

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

CISPR 14-2, EN 55014-2, AS/NZS CISPR 14.2,

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

AS/NZS 61000.6.1, AS/NZS 61000.6.2, JIS C 61000-6-1, JIS C 61000-6-2

^{*3} : Except for “Broadband impulsive conducted disturbances” and Annex A, E, F, G, H.

Harmonic Test in Public Low Voltage Systems

IEC 61000-3-2, IEC 61000-3-3, IEC 61000-3-11, IEC 61000-3-12

EN 61000-3-2, EN 61000-3-3, EN 61000-3-11, EN 61000-3-12, JIS C61000-3-2

AS/NZS 61000.3.2, AS/NZS 61000.3.3, AS/NZS 61000.3.11, AS/NZS 61000.3.12

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

Telecommunication equipment performance 2

IEC 62233, EN 62233, JIS C 1912

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