

Details regarding VLAC-027 site

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| Accreditation No. | VLAC-027 |
| Name of Laboratory | Japan Electrical Safety & Environment Technology Laboratories |
| Test site name | Yokohama Laboratory |
| Address | 1-12-30, Motomiya, Tsurumi-ku, Yokohama, Kanagawa, 230-0052, Japan |
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—SCOPE OF ACCREDITATION—

[Measurement Method]

Emission Test

Radiated disturbance: Enclosure Port

Radiated field strength measurement (CISPR 16-2-3, ANSI C63.4:2003)

[Test Condition] * On the ground reference plane, Measurement distance: 3m, 10m

* Quasi Free Space, Frequency Range (1GHz~6GHz)

[Name of Test Facility] Semi Anechoic Chamber A(3m/10m), Semi Anechoic Chamber C(3m)

Radiated magnetic field strength measurement (CISPR16-2-3)

[Name of Test Facility] Semi Anechoic Chamber A

Disturbance power measurement (CISPR16-2-2)

[Name of Test Facility] Semi Anechoic Chamber A, Semi Anechoic Chamber C
Shield room A, Shield room C

Conducted disturbance: AC mains port

Disturbance voltage measurement (CISPR 16-2-1, ANSI C63.4:2003)

[Test Condition] AMN (CISPR 16-1-2)

[Name of Test Facility] Semi Anechoic Chamber A, Semi Anechoic Chamber C
Shield room A, Shield room C

Conducted disturbance: Telecommunications port

Disturbance voltage measurement (CISPR 22 Clause 9.6 and Annex C)

[Test Condition] AAN (CISPR 16-1-2)

[Name of Test Facility] Semi Anechoic Chamber A, Semi Anechoic Chamber C
Shield room A, Shield room C

Conducted disturbance: DC mains port

Disturbance voltage measurement

[Test Condition] AMN

Conducted disturbance: Antenna port, RF Modulator Output port, Tuner port

Disturbance voltage measurement

[Test Condition] Selective RF voltmeter

Immunity Test

ESD (IEC61000-4-2), Radiated electromagnetic field strength (IEC61000-4-3),

EFT/B (IEC61000-4-4): AC mains port/Telecommunications port,

Surge (IEC61000-4-5): AC mains port/Telecommunications port,

RF conducted (IEC61000-4-6): AC mains port/Telecommunications port,

Power frequency magnetic field (IEC61000-4-8),

Interruptions and voltage variations/dip (IEC61000-4-11)

[Name of Test Facility] Semi Anechoic Chamber A, Semi Anechoic Chamber B
Semi Anechoic Chamber C (Immunity tests except Radiated E&H-field)
Shield room A (Immunity tests except Radiated E&H-field)
Shield room C (Immunity tests except Radiated E&H-field)

Harmonic Test in Public Low Voltage Systems

Harmonic current (IEC61000-3-2), Voltage fluctuations and flicker (IEC61000-3-3)

[Name of Test Facility] Semi Anechoic Chamber A, Semi Anechoic Chamber B
Semi Anechoic Chamber C, Shield room A, Shield room B, Shield room C

[Measurement Standard]

Emission Test

V-3 : VCCI Technical Requirement
FCC 47CFR/Part15 Subpart B/ANSI C63.4 (2003)
FCC 47CFR/Part18/MP-5
CISPR11, CISPR13, CISPR14-1, CISPR22,
EN55011, EN55013, EN55014-1, EN55022
J55001, J55011, J55013, J55014-1, J55022,
Den'an (Electrical Appliance and Material Safety) Law:
Measurement method of electromagnetic disturbance level (Part 2 to Part 9)
Radio Law: Part47 Article7
AS/NZS CISPR11, AS/NZS CISPR13, AS/NZS CISPR14-1, AS/NZS CISPR22
AS/NZS 61000.6.3, AS/NZS 61000.6.4, ICES-001, ICES-003
IEC61000-6-3, IEC61000-6-4, EN61000-6-3, EN61000-6-4
IEC60601-1-2(Particular requirement IEC60601-2 series),
EN60601-1-2((Particular requirement EN60601-2 series)
JIS T0601-1-2(Particular requirement JIS T0601-2 series)
IEC61326-1(Particular requirement IEC61326-2 series),
EN61326-1(Particular requirement EN61326-2 series), JIS C1806-1

Immunity Test

CISPR14-2, CISPR24, EN55014-2, EN55024
IEC61000-6-1, IEC61000-6-2, EN61000-6-1, EN61000-6-2
IEC60601-1-2(Particular requirement IEC60601-2 series),
EN60601-1-2((Particular requirement EN60601-2 series)
JIS T0601-1-2(Particular requirement JIS T0601-2 series)
IEC61326-1(Particular requirement IEC61326-2 series),
EN61326-1(Particular requirement EN61326-2 series), JIS C1806-1
JIS C61000-6-1, JIS C61000-6-2
AS/NZS CISPR14-2, AS/NZS CISPR24, AS/NZS 61000.6.1, AS/NZS 61000.6.2

Harmonic Test in Public Low Voltage Systems

IEC61000-3-2, JIS C61000-3-2, EN61000-3-2, AS/NZS 61000.3.2
IEC61000-3-3, EN61000-3-3, AS/NZS 61000.3.3
IEC61000-6-3, IEC61000-6-4, EN61000-6-3, EN61000-6-4
AS/NZS 61000.6.3, AS/NZS 61000.6.4
IEC60601-1-2(Particular requirement IEC60601-2 series),
EN60601-1-2((Particular requirement EN60601-2 series)
JIS T0601-1-2(Particular requirement JIS T0601-2 series)
IEC61326-1(Particular requirement IEC61326-2 series),
EN61326-1(Particular requirement EN61326-2 series), JIS C1806-1