

Details regarding VLAC-008-1 site

Accreditation No.	VLAC-008-1
Name of Laboratory	Intertek Japan K.K
Test site name	Kashima Laboratory
Address	3-2 Sunayama Kamisu-shi Ibaraki-ken 298-6 Sata, Kashima-shi, Ibaraki-ken (No.12 Site)
Responsible person	Kazuo Gokita
TEL	0479-40-1097
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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
Frequency Range (30MHz~40GHz)

[Test Facilities] Kashima No.1, No.3 Open Test Site, Kashima No.12 Site
Kashima No.7 Open Test Site (30MHz~1GHz only)

[Test Condition] Quasi Free Space, Frequency Range (1GHz~6GHz)

[Test Facilities] Kashima No.1, No.3 Open Test Site, Kashima No.12 Site

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

[Test Facilities] Kashima No.1, No.3, No.7 Open Test Site, Kashima No.12 Site,
Kashima No.1, No.3, No.7 Shielded Room

Disturbance power measurement (CISPR16-2-2)

[Test Facilities] Kashima No.1, No.3, No.7 Shielded Room, Kashima No.12 Site

Conducted disturbance: AC mains port

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

[Test Condition] AMN, High-impedance Probe (CISPR 16-1-2)

[Test Facilities] Kashima No.1, No.3, No.7 Open Test Site, Kashima No.12 Site
Kashima No.1, No.3, No.7 Shielded Room

Conducted disturbance: Telecommunications port

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

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

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

[Test Condition] Current probe (CISPR 16-1-2)

[Test Facilities] Kashima No.1, No.3, No.7 Open Test Site, Kashima No.12 Site
Kashima No.1, No.3, No.7 Shielded Room

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,

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)

[Test Facilities] Kashima No.12 Site, KIT (All Immunity tests above)

Kashima No.1, No.3, No.7 Shielded Room (ESD, EFT/B, Surge test only)

Harmonic Test in Public Low Voltage Systems

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

[Test Facilities] Kashima No.12 Site, KIT

【Measurement Standard】

Emission Test

V-3 : VCCI Technical Requirement

FCC 47CFR/Part15 Subpart B & C/ANSI C63.4 (2003) ,

FCC 47CFR/Part18/MP-5

CISPR11, CISPR14-1, CISPR22, EN55011, EN55014-1, EN55022

Clause 1 of ministerial ordinance (Article4 & 5): Technical requirement of
Electrical Appliances and Material Safety Act for the disturbance noise level

J55001, J55014-1, J55022,

AS/NZS CISPR11, AS/NZS CISPR14.1, AS/NZS CISPR22,

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

CNS13438, CNS13783-1

IEC61000-6-3, IEC61000-6-4, EN61000-6-3, EN61000-6-4

IEC61326-1, JIS C1806-1, EN61326-1,

IEC60601-1-2, JIS T0601-1-2, EN60601-1-2

Immunity Test

CISPR14-2, CISPR24, EN55014-2, EN55024

IEC61000-6-1, IEC61000-6-2, EN61000-6-1, EN61000-6-2

IEC61326-1, JIS C1806-1, EN61326-1,

IEC60601-1-2, JIS T0601-1-2, EN60601-1-2

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, IEC61000-3-3, EN61000-3-3

AS/NZS 61000.3.2, AS/NZS 61000.3.3, AS/NZS 61000.6.3, AS/NZS 61000.6.4

IEC61000-6-3, IEC61000-6-4, EN61000-6-3, EN61000-6-4

IEC61326-1, JIS C1806-1, EN61326-1

IEC60601-1-2, JIS T0601-1-2, EN60601-1-2