

Details regarding VLAC-010 site

Accreditation No.	VLAC-010
Name of Laboratory	Fujitsu Limited
Test site name	Fujitsu Evaluation Engineering Laboratory
Address	140 Miyamoto, Numazu-shi, Shizuoka-Pref, 410-0396 Japan
Responsible person	Yoshiyuki Okita
TEL	055-924-7209
FAX	-

- 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

Measurement frequency: 30MHz – 18GHz

[Name of Test Facility] 1st RF Semianechoic Chamber, 2nd RF Semianechoic Chamber

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

[Name of Test Facility] 1st RF Semianechoic Chamber, 2nd RF Semianechoic Chamber

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] 1st RF Semianechoic Chamber, 1st Shielded Room

2nd RF Semianechoic Chamber, 2nd Shielded Room

Conducted disturbance: Telecommunications port

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

[Test Condition] AAN (CISPR 22 Clause 9.6 and Annex D)

[Name of Test Facility] 1st RF Semianechoic Chamber, 1st Shielded Room

2nd RF Semianechoic Chamber, 2nd Shielded Room

Conducted disturbance: AC mains port

Disturbance voltage measurement [Test Condition] AMN

[Name of Test Facility] 1st RF Semianechoic Chamber, 1st Shielded Room

2nd RF Semianechoic Chamber, 2nd Shielded Room

Immunity Test

ESD (IEC61000-4-2), Radiated electromagnetic immunity (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] 1st RF Semianechoic Chamber (All Immunity tests above)

2nd RF Semianechoic Chamber (Above immunity tests except Radiated EM immunity)

1st Shielded Room (ESD, EFT/B, RF conducted immunity tests only)

2nd Shielded Room (ESD, EFT/B, Surge, RF conducted immunity tests only)

Immunity Test Room (Radiated EM immunity, Interruptions and voltage variations/dip only)

RF Anechoic Chamber (Radiated EM immunity test only)

Harmonic Test in Public Low Voltage Systems

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

[Name of Test Facility] 1st RF Semianechoic Chamber, 2nd RF Semianechoic Chamber

Immunity Test Room

【Measurement Standard】

Emission Test

V-3 : VCCI Technical Requirement

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

CISPR22

EN55022

AS/NZS CISPR22

Immunity Test

CISPR24, EN55024

Harmonic Test in Public Low Voltage Systems

IEC 61000-3-2, IEC 61000-3-3, EN 61000-3-2, EN 61000-3-3