

Scope of Accreditation

(Measurement Method)

Accreditation Number : VLAC-046

Expiration Date : March 21, 2023

[Name of Laboratory]

TOSHIBA TEC CORPORATION

[Test site name]

Mishima EMC Center

[Test site Address]

6-78, Minami-cho, Mishima-shi, Shizuoka-ken 411-8520, Japan

[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 - 26.5 GHz**

Conducted disturbance Measurement: AC mains port

Voltage Measurement [Test condition] AMN

Conducted disturbance Measurement: Telecommunication port

Voltage Measurement [Test condition] ISN, 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, Telecommunication/Signal 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*¹, J55032*¹, CISPRJ 32*¹

Technical requirements under the Electrical Appliances and Materials safety Act appendix 10 Chapter 4

CISPR 22, CISPR 32*¹, EN 55032*¹

FCC 47 CFR Part15 Subpart B: ANSI C63.4-2014 (up to 26.5 GHz) *¹

ICES-003

***¹ Except for measurement of broadcast reception function including satellite outdoor unit**

Immunity test

CISPR 35*², EN 55035*²

***² Except for Annex A, E, G, H**

Harmonic Test in Public Low Voltage Systems

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

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