

Scope of Accreditation

(Measurement Method)

Accreditation Number: VLAC-011-1

Expiration Date: July 20, 2025

[Name of Laboratory]

Telecom Engineering Center

[Test site name]

TELEC EMC Test Site

[Test site Address]

5-7-2 Yashio, Shinagawa-ku, Tokyo, Japan

[Measurement Method]

Emission test

Radiated disturbance: Enclosure Port

Disturbance electric field test

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

Measurement Frequency range: 30 MHz - 1 GHz

[Test condition] **Quasi Free Space, Measurement Frequency range: 1 GHz - 26 GHz**

Disturbance magnetic field strength measurement

[Test condition] **Loop Antenna**

Conducted disturbance Measurement: AC mains port

Voltage measurement [Test condition] **AMN**

Conducted disturbance Measurement: Telecommunication port

Voltage measurement [Test condition] **ISN, AAN, Capacitive Voltage Probe**

Current measurement [Test condition] **Current probe**

Telecommunication equipment performance 1

Intentional Radiators (FCC Part 15 Subpart C)

Tested based on European standards

Wi-SUN

Telecommunication equipment performance 2

Electromagnetic field exposure;

Conducted Power Measurement

Radiated Power Measurement

Voluntary EMC Laboratory Accreditation Center Inc.

Scope of Accreditation

(Test standards)

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[Name of Laboratory]

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5-7-2 Yashio, Shinagawa-ku, Tokyo, Japan

[Test standards]

Emission test

VCCI Technical Requirements: VCCI-CISPR 32

FCC 47CFR Part15 Subpart B : ANSI C63.4-2014 (up to 26 GHz)

CISPR 32: 2015 / 2019, EN 55032: 2015

Telecommunication equipment performance 1

Intentional Radiators (FCC Part 15 Subpart C): ANSI C63.10-2013 (up to 26 GHz)

EN 300 220-1: V3.1.1, EN 300 220-2: V3.1.1, EN 300 328: V2.2.2

Wi-SUN PHY Conformance Test Suite Specification

PHY Conformance Test Procedures Specification

Wi-SUN PHY Interoperability Test Specification

Wi-SUN MAC Conformance Test Suite Specification for Echonet Lite

Wi-SUN Echonet Profile Interface Conformance Test Suite Specification

Wi-SUN interoperability test specification for ECHONET Lite

Wi-SUN Echonet Profile MAC Conformance Test Suite Specification - Amendment on Single-Hop HAN

Wi-SUN Echonet Profile MAC Conformance Test Suite Specification – Amendment for Extended HAN

Wi-SUN Echonet Profile Interface Conformance Test Suite Specification - Amendment on Single-Hop HAN

Wi-SUN Echonet Profile Interface Conformance Test Suite Specification Supplement 2: HAN Extension stage 2

Wi-SUN Echonet Profile Interoperability test specification - Amendment on Single-Hop HAN

Wi-SUN interoperability test specification for ECHONET Lite Supplement 2: HAN extension stage2

Wi-SUN JUTA Profile MAC Conformance Test Suite Specification

Wi-SUN JUTA Profile MAC Interoperability Test Suite Specification

Wi-SUN Field Area Network (FAN) Conformance Test Suite Specification

Telecommunication equipment performance 2

IEC 62479, EN 50663, EN 62479

Voluntary EMC Laboratory Accreditation Center Inc.

The laboratory is only accredited for testing activities outlined within the test methods listed above. If test standards do not include the edition, it means the latest one at the date of renewal (7.21, 2023).