

Scope of Accreditation

(Measurement Method)

Accreditation Number : VLAC-011-1

Expiration Date : July 20, 2023

[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 - 40 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)

U-NII without DFS International Radiators (FCC Part 15 Subpart E)

U-NII with DFS International Radiators (FCC Part 15 Subpart E)

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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[Test standards]

Emission test

VCCI Technical Requirements : VCCI-CISPR 32

FCC 47CFR Part15 Subpart B : ANSI C63.4-2014 (up to 40 GHz)

CISPR 32, EN 55032

Telecommunication equipment performance 1

Intentional Radiators (FCC Part 15 Subpart C): ANSI C63.10-2013 (up to 40 GHz)

U-NII without DFS Intentional Radiators (FCC Part 15 Subpart E): ANSI C63.10-2013 (up to 40 GHz)

U-NII with DFS Intentional Radiators (FCC Part 15 Subpart E): FCC KDB Publication 905462 D02 U-NII DFS

Compliance Procedures New Rules v02 (April 8, 2016) (up to 40 GHz)

EN 300 220-1/-2/-3-1/-3-2/-4, EN 300 328, EN 300 330, EN 300 440, EN 300 440-1

EN 300 440-2, EN 301 893

Wi-SUN PHY Interoperability Test Specification

Wi-SUN PHY Conformance Test Suite Specification

Wi-SUN MAC Conformance Test Suite Specification for Echonet Lite

Wi-SUN JUTA Profile MAC Interoperability Test Suite Specification

Wi-SUN JUTA Profile MAC Conformance Test Suite Specification

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

Wi-SUN interoperability test specification for ECHONET Lite

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

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 Interoperability test 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 Interface Conformance Test Suite Specification - Amendment on Single-Hop HAN

Wi-SUN Echonet Profile Interface Conformance Test Suite Specification

PHY Conformance Test Procedures Specification

Telecommunication equipment performance 2

IEC 62479, EN 50663, EN 62479

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