

Scope of Accreditation

(Measurement Method)

Accreditation Number: VLAC-054
Expiration Date: June 30, 2025

[Name of Laboratory]

SEIWA ELECTRIC MFG. CO., LTD.

[Test site name]

Component System Div. EMC Lab 1

[Test site Address]

Terada-shin-ike 36, Joyo City, Kyoto 610-0192 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 – 18 GHz

Disturbance magnetic field strength measurement

[Test Condition] **Loop Antenna, 3-axis loop antenna**

Conducted disturbance measurement: AC mains port

Disturbance voltage measurement [Test Condition] **AMN, High impedance probe**

Conductive interference measurement: Telecommunication port

Disturbance voltage measurement [Test Condition] **ISN, AAN**

Disturbance current measurement [Test Condition] **Current probe**

Immunity test

Radiated electromagnetic field strength **Measurement frequency: 80 MHz – 6 GHz**

RF conducted interference

Mains port measurement frequency range: 150 kHz – 230 MHz

Telecommunication/Signal port measurement frequency range: 150 kHz – 230 MHz

Voluntary EMC Laboratory Accreditation Center Inc.

Scope of Accreditation

(Test standards)

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[Test Standards]

Emission test

CISPR 11:2015 / 2015+A1:2016 / 2015+A1:2016+A2:2019

EN 55011:2016 / 2016+A1:2017 / 2016+A1:2017+A2:2021

CISPR 14-1:2020^{*1}

EN IEC 55014-1:2021^{*1}

CISPR 32:2015^{*2} / 2015+A1:2019^{*2}

EN 55032:2015^{*2} / 2015+A1:2021^{*2}

VCCI Technical Requirements: VCCI-CISPR 32^{*2}

^{*1} Except for Discontinuous Disturbance.

^{*2} Except for Broadcast Receiver Equipment.

Immunity test

CISPR 14-2:2020^{*3}

EN IEC 55014-2:2021^{*3}

CISPR 35:2016^{*3}

EN 55035:2017^{*3}

^{*3} Only for Radiated RF Electromagnetic Field Immunity and Immunity to Conducted.

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 (7.1, 2023).