

Scope of Accreditation

(Measurement Method)

Accreditation Number: VLAC-022-2

Expiration Date: November 28, 2024

[Name of Laboratory]

**mitsubishi Electric Engineering Co., Ltd.
EMC West Japan Center**

[Test site name]

EMC West Japan Center (MEE EMC WJC)

[Test site Address]

1-8 Midori-machi, Fukuyama city, HIROSHIMA, 720-8647 JAPAN

[Measurement Method]

Immunity test

Electro static discharge test

Contact discharge, Air discharge, Indirect discharge

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 - 230 MHz

Telecommunication/ Signal port measurement frequency Range : 150 kHz - 230 MHz

Conducted Common mode disturbances

Radiated magnetic field

Pulse magnetic immunity test

Damped oscillatory magnetic field immunity test

Interruptions and Voltage variations

Power transmission equipment Immunity test

Damped oscillatory wave immunity test

Ripple on d.c. input power port immunity test

Harmonics and interharmonics including mains signaling at a.c. power port, low frequency immunity tests

Voluntary EMC Laboratory Accreditation Center Inc.

Scope of Accreditation

(Test standards)

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[Test Standards]

Immunity test

IEC 61000-4-2/-4-4/-4-8/-4-9/-4-10/-4-11/-4-16/-4-17/-4-18/-4-29

IEC 61000-4-5:2005, IEC 61000-4-6 :2008 / 2013+Cor1:2015

EN 61000-4-2/-4-4/-4-8/-4-9/-4-10/-4-11/-4-16/-4-17/-4-18/-4-29

EN 61000-4-5 :2006 / 2014 / 2014+A1:2017, EN 61000-4-6 :2009 / 2014+AC:2015

EN 61000-4-11 :2004+A1:2017, EN IEC 61000-4-11 :2020 / 2020+AC:2020, EN IEC 61000-4-18

CISPR 14-2, CISPR 24, EN 55014-2

IEC 61000-6-1/-6-2, EN IEC 61000-6-1/-6-2

EN 61000-6-1:2007, EN 61000-6-2 :2005+IS1:2005+Cor1:2005

AS/NZS CISPR 14.2, AS/NZS 61000.6.1, AS/NZS 61000.6.2:2006

JIS C 61000-6-1, JIS C 61000-6-2

IEC 61800-3, EN 61800-3, EN IEC 61800-3

IEC 61326-3-1, EN 61326-3-2, IEC 60945, EN 60945

Nippon Kaiji Kyokai Technical rule of Materials and Equipment for Marine Use : Article 7 Chapter 1 (Rules for the Automatic and Remote control)*¹

IEC 61326-1, IEC 61326-2-1/-2-2/-2-3/2-6

EN 61326-1, EN 61326-2-1/-2-2/-2-3/2-6

EN IEC 61326-1, EN IEC 61326-2-1/-2-2/-2-3/2-6

IEC 60601-1-2 Ed.4.0:2014*², EN 60601-1-2:2015*², JIS T 0601-1-2:2018*²

IEC 60255-26

JEC-2501 (e Square Wave Impulse Immunity Test)

***¹: Except for IEC 61000-4-3 and EN 61000-4-3**

***²: Except for the testing to the patient-coupled port with a current probe.**

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