



**Telecommunication equipment performance 1**

**Tests Based on European Standards**

**Telecommunication equipment performance 2**

**Magnetic field strength [Test condition] Magnetic Field probe**

**Electrical field strength [Test condition] Electric Field probe**

**Voluntary EMC Laboratory Accreditation Center Inc.**

# Scope of Accreditation

(Test standards)

**Accreditation Number: VLAC-001-3**

**Expiration Date: April 30, 2026**

[Name of Laboratory]

**Japan Quality Assurance Organization.**

[Test site name]

**Chubu Testing Center, Shikatsu EMC Branch**

[Test site Address]

**53-1, Yamaura, Yakushiji, Kitanagoya-shi, Aichi-ken**

[Test standards]

## Emission test

VCCI technical requirement: VCCI-CISPR 32:2016\*<sup>1</sup>

J55011(H27), J55014-1(H27), J55032(H29)\*<sup>1</sup>, CISPRJ 32:2017\*<sup>1</sup>

Technical requirements under the Electrical Appliances and Materials safety Act appendix 10 Chapter 2/3/4/5/6/7/8/9

Regulations for Enforcement of the Radio Law: Article 46.7 (Microwave Oven or IH Cooking Heater) / Separate Table 8

FCC 47 CFR Part 15 Subpart B: ANSI C63.4-2014, ANSI C63.4a-2017 (up to 18 GHz)

FCC 47 CFR Part 18: FCC MP-5 (February 1986) (up to 18 GHz)

CISPR 11:2015+A1:2016+A2:2019, CISPR 12:2007+A1:2009

CISPR 14-1:2020, CISPR 16-2-1:2014+A1:2017

CISPR 16-2-2:2010, CISPR 16-2-3:2016+A1:2019

CISPR 32:2012\*<sup>1</sup> / 2015+A1:2019\*<sup>1</sup>

EN 55011:2016+A1:2017+A11:2020+A2:2021, EN 55012:2007+A1:2009

EN 55014-1:2017+A11:2020, EN IEC 55014-1:2021

EN 55016-2-1:2014+A1:2017, EN 55016-2-2:2011

EN 55016-2-3:2017+A1:2019

EN 55032:2012+AC:2013\*<sup>1</sup> / 2015+A11:2020+A1:2020\*<sup>1</sup>

AS CISPR 11:2017, AS/NZS CISPR 12:2013, AS CISPR 14.1:2018, AS/NZS CISPR 14.1:2021

AS/NZS CISPR 32:2015+A1:2020\*<sup>1</sup>

KS C 9811:2019, KS C 9814-1:2022, KS C 9816-2-1:2020 /-2-2:2020 /-2-3:2020, KS C 9832:2019\*<sup>1</sup>

ICES-001(Issue 5), ICES-002(Issue 7), ICES-003(Issue 7)

GB 4824:2019, GB 4343.1:2018, GB/T 9254.1:2021\*<sup>1</sup>

IEC 61000-6-3:2020, IEC 61000-6-4:2018, IEC 61000-6-8:2020

EN 61000-6-3:2007+A1:2011, EN IEC 61000-6-3:2021, EN 61000-6-4:2007+A1:2011

EN IEC 61000-6-4:2019, EN IEC 61000-6-8:2020

AS/NZS 61000.6.3:2021, AS 61000.6.4:2020

KS C 9610-6-3:2017, KS C 9610-6-4:2022

JIS F 8081:2022, IACS UR E10:2014 / 2018 / 2021 / 2023

Nippon Kaiji Kyokai Technical rule of Materials and Equipment for Marine Use: Article 7 Chapter 1

IEC 60945:2002+COR1:2008, EN 60945:2002, IEC 60533:2015

IEC 61131-2:2017, EN 61131-2:2007, KN 61131-2:2018

IEC 60947-5-2:2019, EN 60947-5-2:2007+A1:2012, EN IEC 60947-5-2:2020+A11:2022

\*<sup>1</sup>: Except for broadcast radio receivers.

The scopes of the following standards groups are limited to emission tests, immunity tests, and harmonic current tests. [refer to Note.1]

IEC 61326-1:2005 / 2012 / 2020, IEC 61326-2-1:2020 /-2-2:2012 /-2-2:2020 /-2-3:2006 /-2-3:2012 /-2-3:2020 /-2-6:2005 /-2-6:2012 /-2-6:2020

EN 61326-1:2006 / 2013, EN 61326-2-1:2013 /-2-2:2013 /-2-3:2006 /-2-3:2013 /-2-6:2006 /-2-6:2013

EN IEC 61326-1:2021, EN IEC 61326-2-1:2021 /-2-2:2021 /-2-3:2021 /-2-6:2021

JIS C 61326-1:2017 / 2022, JIS C 61326-2-1:2022 /-2-2:2024 /-2-3:2024 /-2-6:2019 /-2-6:2023

KS C IEC 61326-1:2018, KS C IEC 61326-2-1:2018 /-2-3:2019

IEC 60601-1-2:2001+A1:2004 / 2007 / 2014+A1:2020, IEC 60601-1-11:2015+A1:2020

,IEC 60601-2-2:2009 /-2-2:2017+A1:2023 /-2-5:2009 /-2-6:2012+A1:2016+A2:2022 /-2-8:2010+A1:2015

/-2-10:2012+A1:2016+A2:2023 /-2-12:2001 /-2-16:2012 /-2-16:2018 /-2-17:2013 /-2-18:2009 /-2-21:2020

/-2-23:2011 /-2-24:2012 /-2-25:2011 /-2-27:2011+COR1:2012 /-2-29:2008 /-2-33:2022 /-2-34:2011

/-2-35:2020 /-2-36:2014 /-2-37:2007+A1:2015 /-2-39:2018 /-2-40:2016 /-2-41:2021

/-2-43:2010+A1:2017+A2:2019 /-2-43:2022 /-2-44:2009+A1:2012+A2:2016

/-2-45:2011+A1:2015+A2:2022 /-2-46:2016 /-2-46:2023 /-2-47:2012 /-2-50:2020 /-2-54:2022 /-2-57:2011

/-2-57:2023 /-2-63:2012+A1:2017+A2:2021 /-2-65:2012+A1:2017+A2:2021

, IEC 80601-2-26:2019+COR1:2021 /-2-30:2009+A1:2023 /-2-30:2018 /-2-35:2009+A1:2016 /-2-77:2019

/-2-78:2019, ISO 80601-2-12:2020 /-2-55:2018 /-2-56:2009 /-2-56:2017+A1:2018 /-2-60:2019 /-2-61:2011

/-2-61:2017

EN 60601-1-2:2007+COR:2020 / 2015+A1:2021, EN 60601-1-11:2015+A1:2021

,EN 60601-2-2:2009+A11:2011 /-2-5:2015 /-2-6:2015+A1:2016 /-2-8:2015+A1:2016

/-2-10:2015+A1:2016 /-2-12:2006 /-2-16:2015 /-2-17:2015 /-2-18:2015 /-2-21:2009+A11:2011+A1:2016

/-2-23:2015 /-2-24:2015 /-2-25:2015 /-2-27:2014 /-2-29:2008+A11:2021

/-2-33:2010+A11:2011+A1:2015+A2:2015+A12:2016 /-2-34:2014 /-2-36:2015

/-2-37:2008+A11:2011+A1:2015 /-2-40:2019 /-2-43:2010+A1:2018+A2:2020

/-2-44:2009+A11:2011+A1:2012+A2:2016 /-2-45:2011+A1:2015 /-2-46:2011/-2-47:2015

/-2-50:2009+A11:2011+A1:2016 /-2-52:2010+A1:2015 /-2-54:2009+A1:2015+A2:2019 /-2-57:2011

/-2-63:2015+A1:2019+A2:2021 /-2-65:2013+A1:2020+A2:2021, EN 80601-2-30:2010+A1:2015

/-2-35:2009+A11:2011+A1:2016, EN ISO 80601-2-12:2020 /-2-55:2018 /-2-56:2017+A1:2020

/-2-61:2011 /-2-61:2019, EN IEC 60601-2-2:2018 /-2-16:2019 /-2-21:2021 /-2-35:2021 /-2-39:2019

/-2-41:2021 /-2-43:2023 /-2-46:2019 /-2-50:2021, EN IEC 80601-2-26:2020+AC:2021 /-2-30:2019

/-2-49:2019 /-2-60:2020 /-2-77:2021 /-2-78:2020

JIS T 0601-1-2:2018 / 2023, JIS T 0601-2-2:2020 /-2-5:2015 /-2-6:2015 /-2-10:2015 /-2-16:2022

/-2-18:2013 /-2-21:2019 /-2-24:2018 /-2-25:2014 /-2-35:2015 /-2-37:2018 /-2-39:2013 /-2-39:2023

/-2-201:2015 /-2-202:2015 /-2-203:2015 /-2-204:2015 /-2-205:2015 /-2-206:2015 /-2-207:2015

/-2-208:2015, JIS T 60601-2-47:2018 /-2-63:2019 /-2-65:2019

, JIS T 80601-2-55:2014 /-2-60:2021 /-2-61:2014 /-2-78:2022, JIS T 1115:2023, JIS T 1140:2014

, JIS T 1203:1998, JIS T 1304:1998, JIS T 5753:2017, JIS T 9205:2016, JIS T 9254:2016

, JIS Z 4620:1999, JIS Z 4751-2-29:2005 /-2-43:2021 /-2-44:2018 /-2-45:2017 /-2-54:2021

, JIS Z 4951:2017

KS C IEC 60601-1-2:2020, KS C IEC 60601-2-2:2017 /-2-5:2011 /-2-6:2016 /-2-8:2015 /-2-10:2016

/-2-16:2018 /-2-17:2013 /-2-21:2020 /-2-23:2011 /-2-24:2012 /-2-25:2011 /-2-29:2008 /-2-33:2015

/-2-34:2011 /-2-36:2014 /-2-37:2015 /-2-39:2018 /-2-40:2016 /-2-41:2013 /-2-43:2017 /-2-44:2016

/-2-45:2015 /-2-46:2016 /-2-47:2012 /-2-50:2020 /-2-52:2015 /-2-54:2018 /-2-63:2017

/-2-65:2017

YY 0505:2012, YY 9706.102:2021

[Note 2] In emission testing, In-Situ are outside the scope of accreditation.

## **Immunity test**

[Including the test standards listed in Note 1.]

CISPR 14-2:2020, CISPR 35:2016\*2  
EN 55014-2:2015, EN IEC 55014-2:2021  
EN 55035:2017+A11:2020\*2, KS C 9814-2:2022, KS C 9835:2019\*2

IEC 61000-4-2:2008 /-4-3:2020 /-4-4:2012 /-4-5:2014+A1:2017/-4-6:2013+COR1:2015 /-4-6:2023  
/-4-8:2009 /-4-11:2020+COR1:2020+COR2:2022 /-4-29:2000 /-4-39:2017  
EN 61000-4-2:2009 /-4-4:2012 /-4-5:2014+A1:2017 /-4-6:2014+AC:2015 /-4-8:2010 /-4-29:2000  
/-4-39:2017, EN IEC 61000-4-3:2020 /-4-6:2023 /-4-11:2020+AC:2020+AC:2022  
JIS C 61000-4-2:2012 /-4-3:2017 /-4-3:2022 /-4-4:2015 /-4-5:2018 /-4-6:2017 /-4-8:2016 /-4-11:2021  
KS C 9610-4-2:2017 /-4-3:2017 /-4-4:2020 /-4-5:2020 /-4-6:2020 /-4-8:2017 /-4-11:2020

IEC 61000-6-1:2016, IEC 61000-6-2:2016  
EN 61000-6-1:2007, EN IEC 61000-6-1:2019, EN 61000-6-2:2005+AC:2005, EN IEC 61000-6-2:2019  
JIS C 61000-6-1:2019, JIS C 61000-6-2:2019  
KS C 9610-6-1:2019, KS C 9610-6-2:2019

IACS UR E10:2021+COR1 / 2023  
Nippon Kaiji Kyokai Technical rule of Materials and Equipment for Marine Use: Article 7 Chapter 1  
IEC 60945:2002+COR1:2008, EN 60945:2002, IEC 60533:2015  
IEC 61131-2:2017, EN 61131-2:2007, KN 61131-2:2018, KS C IEC 61131-2:2022  
IEC 60947-5-2:2019, EN IEC 60947-5-2:2020+A11:2022  
IEC 61496-1(Clause 4.3.2 and 5.4.3):2020, EN 61496-1(Clause 4.3.2 and 5.4.3):2013+AC:2015  
EN IEC 61496-1(Clause 4.3.2 and 5.4.3):2020, JIS B 9704-1(Clause 4.3.2 and 5.4.3):2015  
GB 4343.2:2020  
JEITA ET-2201:2021\*2

\*2: Except for “Broadband impulsive conducted disturbances” and Annex H.

## **Harmonic Test in Public Low Voltage Systems**

[Including the test standards listed in Note 1.]

IEC 61000-3-2:2014 / 2018+A1:2020, EN 61000-3-2:2014  
EN IEC 61000-3-2:2019+A1:2021, AS/NZS IEC 61000.3.2:2023  
JIS C 61000-3-2:2019, GB 17625.1:2012 / 2022, SANS 61000-3-2:2009  
IEC 61000-3-3:2013+A1:2017+A2:2021, EN 61000-3-3:2013+A1:2019+A2:2021  
AS/NZS IEC 61000.3.3:2023, SANS 61000-3-3:2009  
IEC 61000-6-3:2020, EN 61000-6-3:2007+A1:2011, EN IEC 61000-6-3:2021  
AS/NZS 61000.6.3:2021

## **Telecommunication equipment performance 1**

EN 301 489-3:V.2.3.2, EN 301 489-9:V.2.2.1  
EN 301 489-17:V.3.2.4, EN 301 489-17(Draft):V.3.2.6, EN 301 489-34:V.2.1.1

## **Telecommunication equipment performance 2**

IEC 62233:2005, IEC 62311:2019, EN 62233:2008, EN 62311:2008, EN IEC 62311:2020

# **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 (5.1, 2024).