

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2017

NVLAP LAB CODE: 200575-0

Central Research Technology Co.

Taipei

Taiwan

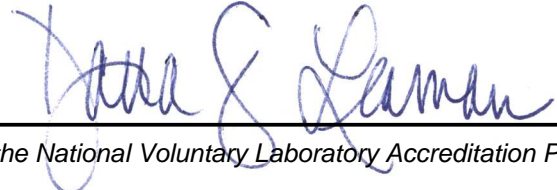
*is accredited by the National Voluntary Laboratory Accreditation Program for specific services,
listed on the Scope of Accreditation, for:*

Electromagnetic Compatibility & Telecommunications

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality
management system (refer to joint ISO-ILAC-IAF Communiqué on ISO/IEC 17025).*

2024-06-18 through 2025-06-30

Effective Dates



For the National Voluntary Laboratory Accreditation Program

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

Central Research Technology Co.

11, Lane 41, Fushuen St., Jungshan Chiu,

Taipei 104

Taiwan

Sam Chien

Phone: 886-225872719

Email: cyc@crc-lab.com

<http://www.crc-lab.com>

**ELECTROMAGNETIC COMPATIBILITY &
TELECOMMUNICATIONS**

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Emissions

Designation

Description

EN 55011 (2016)

Industrial, scientific and medical equipment - Radio-frequency disturbance characteristics
- Limits and methods of measurement

EN 55011:2016/A2:2021

Industrial, scientific and medical equipment - Radio-frequency disturbance characteristics
- Limits and methods of measurement (CISPR 11:2015, modified)

EN 55011 (2016) + A1 (2017)

Industrial, scientific and medical equipment. Radio-frequency disturbance characteristics.
Limits and methods of measurement

EN 55011 (2009) + A1 (2010)

Industrial, scientific and medical (ISM) radio-frequency equipment - Electromagnetic
disturbance characteristics - Limits and methods of measurement

EN 55022 (2010) + AC (2011)

Information technology equipment - Radio disturbance characteristics - Limits and
methods of measurement

EN 55032 (2012) + AC (2013)

Electromagnetic compatibility of multimedia equipment. Emission requirements

EN 55032:2015+A1:2020

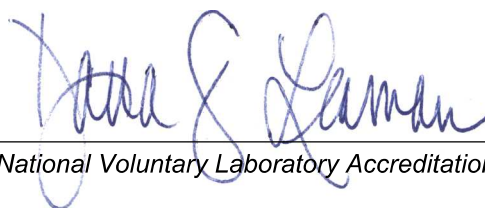
Electromagnetic compatibility of multimedia equipment - Emission Requirements (CISPR
32:2015)

EN 55032 (2015)+A11(2020)

Electromagnetic compatibility of multimedia equipment - Emission Requirements

EN 55032 (2015) + AC (2016)

Electromagnetic compatibility of multimedia equipment - Emission Requirements



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EN 55032 (2015)	Electromagnetic compatibility of multimedia equipment. Emission Requirements
EN 55032 (2012-05)	Electromagnetic compatibility of multimedia equipment. Emission requirements
IEC 61000-3-2, Ed. 4.0 (2014-05)	Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)
EN IEC 61000-3-2:2019+A1:2021	Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current ≤ 16 A per phase) (IEC 61000-3-2:2018)
IEC 61000-3-2:2018/A1:2020	Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)
EN IEC 61000-3-2 (2019)	Electromagnetic compatibility (EMC). Limits. Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)
IEC 61000-3-2 (2018)	Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)
EN 61000-3-2 (2014)	Electromagnetic compatibility (EMC). Limits. Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)
AS/NZS 61000-3-2 (2007) + A1 (2009)	Electromagnetic compatibility (EMC) - Limits - Limits for harmonic current emissions (equipment input current (16 A per phase) (IEC 61000-3-2, Ed.3.0 (2005) MOD)
JIS C 61000-3-2:2005	Electromagnetic Compatibility (EMC) - Part 3-2: Limits - Limits for Harmonic Current Emissions (Equipment Input Current ≤ 20 A per Phase)
IEC 61000-3-3 (2013) + A1 (2017)	Electromagnetic compatibility (EMC) - Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection
AS/NZS 61000-3-3 (2006)	Electromagnetic compatibility - Limits - Limitations of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems for equipment with rated current ≤ 16 A per phase and not subject to conditional connections
EN 61000-3-3, Ed. 2.0 (2008-09)	EMC- Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low- voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection
EN 61000-3-3 (2013)	EMC- Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low- voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection
IEC 61000-3-11 (2017)	Electromagnetic compatibility (EMC) - Part 3-11: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems - Equipment with rated current ≤ 75 A and subject to conditional connection
EN IEC 61000-3-11 (2019)	Part 3-11: Limits — Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems — Equipment with rated current ≤ 75 A and subject to conditional connection

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IEC 61000-3-11, 1st edition (2000-08)	EMC - Part 3-11: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems -Equipment with rated current $\leq 75A$ and subject to conditional connection
EN 61000-3-11, 1st Ed (2000-08)	EMC - Part 3-11: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems -Equipment with rated current $\leq 75A$ and subject to conditional connection
IEC 61000-3-12:2011+AMD1:2021	Electromagnetic compatibility (EMC) - Part 3-12: Limits - Limits for harmonic currents produced by equipment connected to public low-voltage systems with input current $>16 A$ and $\leq 75 A$ per phase
IEC 61000-3-12 Ed. 2.0 (2011)	Electromagnetic compatibility (EMC) - Part 3-12: Limits - Limits for harmonic currents produced by equipment connected to public low-voltage systems with input current $>16 A$ and $\leq 75 A$ per phase
EN 61000-3-12 (2011)	Electromagnetic Compatibility (EMC) - PART 3-12: Limits for harmonic currents produced by equipment connected to public low-voltage systems with input current greater than 16A and less than or equal to 75A
AS/NZS 61000-6-3 (2012)	Electromagnetic compatibility (EMC) - Generic standards - Emission standard for industrial environments
EN IEC 61000-6-3:2021	Electromagnetic compatibility (EMC) - Part 6-3: Generic standards - Emission standard for equipment in residential environments (IEC 61000-6-3:2020)
IEC 61000-6-3 Ed. 3.0 (2020-07)	Electromagnetic compatibility (EMC) - Part 6-3: Generic standards - Emission standard for equipment in residential environments
IEC 61000-6-3 (2006) + A1 (2010)	Electromagnetic compatibility (EMC) - Part 6-3: Generic standards - Emission standard for residential, commercial and light-industrial environments
EN 61000-6-3 (2007) + A1 (2011)	Electromagnetic compatibility (EMC). Generic standards. Emission standard for residential, commercial and light-industrial environments
IEC 61000-6-3 Ed. 2.1 (2011)	Electromagnetic compatibility (EMC) - Part 6-3: Generic standards - Emission standard for residential, commercial and light-industrial environments
EN 61000-6-3 (2007)	Electromagnetic compatibility (EMC) - Part 6-3: Generic standard - Emission standard for residential, commercial and light industrial environments
AS/NZS 61000-6-3 (2007)	Electromagnetic compatibility (EMC) - Generic standards - Emission standard for residential, commercial and light-industrial environments
AS/NZS 61000.6.4 (2012)	Electromagnetic compatibility (EMC) - Generic standards - Emission standard for industrial environments
EN IEC 61000-6-4 (2019)	Electromagnetic Compatibility (EMC) - Part 6-4: Generic Standards - Emission Standard for Industrial Environments [IEC 61000-6-4 (2018)]
IEC 61000-6-4, Ed. 3.0 (2018)	Electromagnetic Compatibility (EMC) - Part 6-4: Generic Standards - Emission Standard for Industrial Environments

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EN 61000-6-4 (2007)	Electromagnetic Compatibility (EMC) - Part 6-4: Generic Standards - Emission Standard for Industrial Environments
IEC 61000-6-4 (2006) +A1 (2010)	Electromagnetic compatibility (EMC) - Part 6-4: Generic standards - Emission standard for industrial environments
EN 61000-6-4 (2007) + A1 (2011)	Electromagnetic compatibility (EMC) - Part 6-4: Generic standards - Emission standard for industrial environments
IEC 61000-6-4 Ed. 2.1 (2011)	Electromagnetic compatibility (EMC) - Part 6-4: Generic standards - Emission standard for industrial environments
IEC/EN 61204-3 (2001)	Low-voltage power supplies, d.c. output - Part 3: Electromagnetic compatibility (EMC)
IEC 61204-3 ed2.0 (2011)	Low voltage power supplies, d.c. output - Part 3: Electromagnetic compatibility (EMC)
EN 61204-3 (2000)	Low voltage power supplies, d.c. output - Part 3: Electromagnetic compatibility (EMC)
IEC 61204-3:2016	Low-voltage switch mode power supplies - Part 3: Electromagnetic compatibility (EMC)
EN IEC 61204-3:2018	Low-voltage switch mode power supplies - Part 3: Electromagnetic compatibility (EMC)
IEC 61326-1 Ed. 2.0 (2012)	Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 1: General requirements
EN 61326-2-1 (2013)	EMC requirements. Particular requirements. Test configurations, operational conditions and performance criteria for EMC unprotected applications
IEC 61326-2-2:2020	Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 2-2: Particular requirements - Test configurations, operational conditions and performance criteria for portable testing, measuring and monitoring equipment used in low-voltage distribution systems
EN IEC 61326-2-2:2021	Electrical equipment for measurement, control and laboratory use - EMC requirements - Particular requirements - Test configurations, operational conditions and performance criteria for portable testing, measuring and monitoring equipment used in low-voltage distribution systems
IEC 61326-2-2 ed2.0 (2012-10)	EMC requirements - Part 2-2: Particular requirements - Test configurations, operational conditions and performance criteria for portable test, measuring and monitoring equipment used in low-voltage distribution systems
EN 61326-2-2 (2013)	EMC requirements. Particular requirements. Test configurations, operational conditions and performance criteria for portable test, measuring and monitoring equipment used in low-voltage distribution systems
EN 61326-2-3 (2013)	Electrical equipment for measurement, control and laboratory use. EMC requirements - Part 2-3: Particular requirements -Test configuration, operational conditions and performance criteria for transducers with integrated or remote signal conditioning

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EN IEC 61326-2-3:2021	Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 2-3: Particular requirements - Test configuration, operational conditions and performance criteria for transducers with integrated or remote signal conditioning (IEC 61326-2-3:2020)
IEC 61326-2-3:2020	Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 2-3: Particular requirements - Test configuration, operational conditions and performance criteria for transducers with integrated or remote signal conditioning
IEC 61326-2-3 (2012-07)	EMC requirements - Part 2-3: Particular requirements - Test configuration, operational conditions and performance criteria for transducers with integrated or remote signal conditioning
IEC 62040-2 (2016)	Uninterruptible power systems (UPS) - Part 2: Electromagnetic compatibility (EMC) requirements
EN IEC 62040-2 (2018)	Uninterruptible Power Systems (UPS). Electromagnetic Compatibility (EMC) Requirements
IEC 62040-2 (2005)	Uninterruptible power systems (UPS) - Part 2: Electromagnetic compatibility (EMC) requirements
EN 62040-2 (2006)	Uninterruptible power systems (UPS) - Part 2: Electromagnetic compatibility (EMC) requirements
ANSI C63.4a (2017)	American National Standard for Methods of Measurement of Radio- Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz--Amendment 1: Test Site Validation
CISPR 11 (2015) + A1 (2016) + A2 (2019)	Industrial, scientific and medical equipment - Radio-frequency disturbance characteristics - Limits and methods of measurement
AS/NZS CISPR 11 (2004)	Industrial, scientific and medical (ISM) radio frequency equipment - Electromagnetic disturbance characteristics - Limits and methods of measurement
IEC/CISPR 11, Ed. 4.1 (2004-06) + A2 (2006)	Industrial, scientific and medical (ISM) radio frequency equipment - Electromagnetic disturbance characteristics - Limits and methods of measurement
IEC/CISPR 11 Ed. 5 (2009-05)	Industrial, scientific and medical equipment - Radio-frequency disturbance characteristics - Limits and methods of measurement
IEC/CISPR 11 Ed. 5.1 (2010)	Industrial, scientific and medical equipment - Radio-frequency disturbance characteristics - Limits and methods of measurement
IEC/CISPR 22 Ed. 6.0 (2008-09)	Limits and Methods of Measurement of Radio Disturbance Characteristics of Information Technology Equipment
CISPR 32 (2015)	Electromagnetic compatibility of multimedia equipment - Emission requirements
CISPR 32, Ed. 2 (2015) + AMD1 (2019)	Electromagnetic compatibility of multimedia equipment - Emission requirements
CISPR 32:2015/COR1:2016	Electromagnetic compatibility of multimedia equipment - Emission requirements

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CISPR 32, Ed. 1 (2012-01)	Electromagnetic compatibility of multimedia equipment - Emission requirements
ANSI C63.4 (2014)	Unintentional Radiators in 47 CFR FCC Part 15, Subpart B
ICES-003 Issue 7 (October 2020)	Information Technology Equipment (Including Digital Apparatus)

Immunity

Designation

Description

EN 50130-4 (2011)	Alarm systems. Electromagnetic compatibility. Product family standard. Immunity requirements for components of fire, intruder, hold up, CCTV, access control and social alarm systems
EN 50130-4 (2011) + A1 (2014)	Alarm systems. Electromagnetic compatibility. Product family standard. Immunity requirements for components of fire, intruder, hold up, CCTV, access control and social alarm systems
EN 55024 (2010) + A1 (2015)	Information technology equipment. Immunity characteristics. Limits and methods of measurement
EN 55024 (2010)	Information technology equipment. Immunity characteristics. Limits and methods of measurement
EN 55035 (2017)	Electromagnetic Compatibility Of Multimedia Equipment - Immunity Requirements (Cispr 35:2016, Modified)
EN 55035 (2017) +A11 (2020)	Electromagnetic Compatibility Of Multimedia Equipment - Immunity Requirements
IEC 61000-4-2, Ed. 2.0 (2008-12)	Electromagnetic compatibility (EMC) - Part 4-2: Testing and measurement techniques - Electrostatic discharge immunity test
EN 61000-4-2 (2009-05)	Electromagnetic compatibility (EMC) - Part 4-2 : Testing and measurement techniques - Electrostatic discharge immunity test
IEC 61000-4-3, Ed. 4.0 (2020-09)	Electromagnetic compatibility (EMC) - Part 4-3: Testing measurement techniques - Radiated, radio-frequency, electromagnetic field immunity test
EN IEC 61000-4-3:2020	Electromagnetic compatibility (EMC) - Part 4-3: Testing measurement techniques - Radiated, radio-frequency, electromagnetic field immunity test (IEC 61000-4-3:2020)
EN 61000-4-3 (2006) +A1 (2008) + A2 (2010)	Electromagnetic compatibility (EMC). Testing and measurement techniques. Radiated, radio- Frequency, electromagnetic field immunity test
IEC 61000-4-3 Ed. 3.2 (2010-04)	Electromagnetic compatibility (EMC) - Part 4-3: Testing and measurement techniques - Radiated, radio-frequency, electromagnetic field immunity test
EN 61000-4-4 (2012)	Electromagnetic compatibility (EMC). Testing and measurement techniques. Electrical fast transient/burst immunity test
IEC 61000-4-4, Ed. 2.0 + A1 (2010)	Electromagnetic compatibility (EMC) - Part 4-4: Testing and measurement techniques - Electrical Fast Transient/Burst Immunity Test

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IEC 61000-4-4, Ed. 3.0 (2012-04)	Electromagnetic compatibility (EMC) - Part 4-4: Testing and measurement techniques - Electrical fast transient/burst immunity test
EN 61000-4-5 (2014)	Electromagnetic Compatibility (Emc) - Part 4-5: Testing And Measurement Techniques - Surge Immunity Test
EN 61000-4-5 (2014) + A1 (2017)	Electromagnetic compatibility (EMC). Testing and measurement techniques. Surge immunity test
IEC 61000-4-5 (2014) + A1 (2017)	Electromagnetic compatibility (EMC) - Part 4-5: Testing and measurement techniques - Surge immunity test
EN 61000-4-6 (2014)	Electromagnetic compatibility (EMC). Testing and measurement techniques. Immunity to conducted disturbances, induced by radio-frequency fields
IEC 61000-4-6 Ed. 5.0 (2023-06)	Electromagnetic compatibility (EMC) - Part 4-6: Testing and measurement techniques - Immunity to conducted disturbances, induced by radio-frequency fields
IEC 61000-4-6 Ed. 4.0 (2013)	Electromagnetic compatibility (EMC) - Part 4-6: Testing and measurement techniques - Immunity to conducted disturbances, induced by radio-frequency fields
IEC 61000-4-8 (2009)	Electromagnetic compatibility (EMC) - Part 4-8: Testing and measurement techniques - Power frequency magnetic field immunity test
EN 61000-4-8 (2010)	Electromagnetic compatibility (EMC). Testing and measurement techniques. Power frequency magnetic field immunity test
IEC 61000-4-11 (2004) + A1 (2017)	Electromagnetic compatibility (EMC) - Part 4-11: Testing and measurement techniques - Voltage dips, short interruptions and voltage variations immunity tests
EN IEC 61000-4-11 (2020)	Electromagnetic Compatibility (EMC) – Part 4-11: Testing and measurement techniques – Voltage dips, short interruptions and voltage variations immunity tests for equipment with input current up to 16 A per phase
IEC 61000-4-11, Edition 3.0 (2020)	Electromagnetic Compatibility (EMC) – Part 4-11: Testing and measurement techniques – Voltage dips, short interruptions and voltage variations immunity tests for equipment with input current up to 16 A per phase
EN 61000-4-11 (2004) + A1 (2017)	Electromagnetic compatibility (EMC). Testing and measurement techniques. Voltage dips, short interruptions and voltage variations immunity tests
EN 61000-4-11 (2004)	Voltage Dips, Short Interruptions and Voltage Variations Immunity Tests
IEC 61000-4-11 (2004)	Voltage Dips, Short Interruptions and Voltage Variations Immunity Tests
EN 61000-4-12 (2006)	Electromagnetic compatibility (EMC). Testing and measurement techniques. Ring wave immunity test
EN 61000-4-34:2007+A1:2009	Electromagnetic compatibility (EMC). Testing and measurement techniques. Voltage dips, short interruptions and voltage variations immunity tests for equipment with mains current more than 16 A per phase

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IEC 61000-6-1 (2016)	Electromagnetic compatibility (EMC) - Part 6-1: Generic standards - Immunity standard for residential, commercial and light-industrial environments
EN IEC 61000-6-1 (2019)	Electromagnetic compatibility (EMC). Generic standards. Immunity for residential, commercial and light-industrial environments
IEC 61000-6-1, 2nd edition (2005-03)	Electromagnetic compatibility (EMC) - Part 6: Generic standards - Section 1: Immunity for residential, commercial and light-industrial environments
EN 61000-6-1 (2007)	Electromagnetic compatibility (EMC) - Part 6 - 1: Generic standards - Immunity for residential, commercial and light-industrial environments
IEC 61000-6-2 (2016)	Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity standard for industrial environments
EN IEC 61000-6-2 (2019)	Electromagnetic compatibility (EMC). Generic standards. Immunity standard for industrial environments
IEC 61000-6-2, Edition 2.0 (2005-01)	Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity for industrial environments
EN 61000-6-2 (2005)	Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity for industrial environments
IEC 61326-1 Ed. 3.0 (2020-10)	Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 1: General requirements
EN IEC 61326-1:2021	Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 1: General requirements (IEC 61326-1:2020)
EN 61326-1 (2013)	Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 1: General requirements
CISPR 24 (2010) + A1 (2015)	Information technology equipment - Immunity characteristics - Limits and methods of measurement
CISPR 35 (2016)	Electromagnetic compatibility of multimedia equipment - Immunity requirements

Product Safety

Designation

Description

IEC 60601-1-2, Ed. 4, (2014-02)	Medical electrical equipment-Part 1-2: General requirements for basic safety and essential performance-Collateral Standard: Electromagnetic disturbances-Requirements and tests
EN 60601-1-2 (2015)	Medical electrical equipment. General requirements for basic safety and essential performance. Collateral Standard. Electromagnetic disturbances. Requirements and tests
IEC 60601-1-2, Ed. 3.0 (2007)	Medical electrical equipment - Part 1-2: General requirements for safety - Collateral standard: Electromagnetic compatibility - Requirements and tests

Radio

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<u>Designation</u>	<u>Description</u>
ETSI EN 301 489-1 V2.1.1 (2017-02)	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU and the essential requirements of article 6 of Directive 2014/30/EU
ETSI EN 301 489-1 V2.2.3 (2019-11)	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements; Harmonised Standard for ElectroMagnetic Compatibility
ETSI EN 301 489-1 V1.9.2 (2011-09)	Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements
ETSI EN 301 489-3 V2.1.1 (2019-03)	Electromagnetic compatibility (EMC) standard for radio equipment and services; Part 3: Specific conditions for Short-Range Devices (SRD) operating on frequencies between 9kHz and 246 GHz; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU
ETSI EN 301 489-3 V1.6.1 (2013-08)	Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 3: Specific conditions for Short-Range Devices (SRD) operating on frequencies between 9 kHz and 246 GHz
ETSI EN 301 489-7 v1.3.1 (2005-11)	ERM; EMC standard for radio equipment and services; Part 7: Specific conditions for mobile and portable radio and ancillary equipment of digital cellular radio telecommunications systems (GSM and DCS)
ETSI EN 301 489-17 V3.1.1 (2017-02)	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for Broadband Data Transmission Systems; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU
ETSI EN 301 489-17 V3.2.4 (2020-09)	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for Broadband Data Transmission Systems; Harmonised Standard for ElectroMagnetic Compatibility
ETSI EN 301 489-17 V2.2.1 (2012-09)	(ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment; Part 17: Specific conditions for Broadband Data Transmission Systems
ETSI EN 301 489-19 V2.1.1 (2019-04)	ERM; ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 19: Specific conditions for Receive Only Mobile Earth Stations (ROMES) operating in the 1.5 GHz band providing data communications
ETSI EN 301 489-24 v1.5.1 (2010-10)	(ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 24: Specific conditions for IMT-2000 CDMA Direct Spread (UTRA and E-UTRA) for Mobile and portable (UE) radio and ancillary equipment