



**SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005**

**UL Verification Services Inc.**

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**ELECTROMAGNETIC  
COMPATIBILITY &  
TELECOMMUNICATIONS**

**NVLAP LAB CODE 200065-0**

**Emissions**

**Designation**

10 Meter Semi-Anechoic Chamber(s)

**Description**

Location(s):

- 47658 Kato Road, Fremont, CA 94538

3 Meter Semi-Anechoic Chamber(s)

Location(s):

*D, E, F, G & H located at 47266 Benicia Street, Fremont, CA 94538*

*I, J, K & L located at 47658 Kato Road, Fremont, CA 94538*

Conducted Room(s)

Location(s):

*D, E, F, & Conducted Thermal Chamber Room B located at 47266 Benicia Street, Fremont, CA 94538*

ETSI TS 102 230 v10.1.1 (2014-04); clause 5 only

Smart Cards; UICC-Terminal interface; Physical, electrical and logical test specification (Clause 5 only; electrical)

ETSI TS 102 230-1 v11.0.0 (2016-06)

UICC-Terminal interface; Physical, electrical and logical test specification; Part 1: Terminal features (Release 11); Section 5, SIM Electrical Testing only

ETSI TS 102 230 v10.2.0 (2015-03); clause 5 only

Smart Cards; UICC-Terminal interface; physical, electrical and logical test specification (Clause 5 only; electrical)

*For the National Voluntary Laboratory Accreditation Program*

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ETSI TS 102 230 v9.0.0 (2013-04); clause 5 only	Smart Cards; UICC-Terminal interface; Physical, electrical and logical test specification (Clause 5 only; electrical)
ETSI TS 134 124 V13.0.0 (2016-01), Section 8.2 only	(Radiated Emissions) Telecommunications System (UMTS); Electromagnetic compatibility (EMC) requirements for mobile terminals and ancillary equipment (3GPP TS 34.124 version 13.0.0 Release 13) (Section 8.2 only) (Radiated Emissions)
ETSI TS 134 124 V15.0.0 (2018-07)	Universal Mobile Telecommunications System (UMTS); Electromagnetic compatibility (EMC) requirements for mobile terminals and ancillary equipment (3GPP TS 34.124 version 15.0.0 Release 15)
ETSI TS 134 124 V12.0.0 (2014-10), Section 8.2 only	Universal Mobile Telecommunications System (UMTS); Electromagnetic compatibility (EMC) requirements for mobile terminals and ancillary equipment (3GPP TS 34.124 version 13.0.0 Release 13) (Section 8.2 only) (Radiated Emissions)
ETSI TS 134 124 V10.2.0 (2011-11), Section 8.2 only	Universal Mobile Telecommunications System (UMTS); Electromagnetic compatibility (EMC) requirements for mobile terminals and ancillary equipment (3GPP TS 34.124 version 10.2.0 Release 10) - 8.2 only (Radiated Emissions)
ETSI TS 136 124 V13.0.0 (2016-01)	Evolved Universal Terrestrial Radio Access (E-UTRA); Electromagnetic compatibility (EMC) requirements for mobile terminals and ancillary equipment (3GPP TS 36.1.124 version 13.0.0 Release 13)
ETSI TS 136 124 V15.2.0 (2018-09)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Electromagnetic compatibility (EMC) requirements for mobile terminals and ancillary equipment (3GPP TS 36.124 version 15.2.0 Release 15)
ETSI TS 136 124 V12.1.0 (2014-10)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Physical channels and modulation (3GPP TS 36.124 version 12.1.0 Release 12)
ETSI TS 136 124 V11.2.0 (2012-02)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Physical channels and modulation (3GPP TS 36.211 version 11.2.0 Release 11)
ETSI TS 151 010-1, V12.7.0 (2016-02) (Radiated emissions only)	Digital cellular telecommunications system (Phase 2+); Mobile Station (MS) conformance specification; Part 1: Conformance specification (3GPP TS 51.010-1 version 12.7.0 Release 12) (Radiated Emissions only)
ETSI TS 151 010-1, v12.3.0 (2015-04)	Digital cellular telecom system (Phase 2+); Mobile Station (MS) conformance specification; Part 1: Conformance specification (3GPP TS 51.010-1 version 12.3.0 Release 12)
	<i>Radiated emissions only</i>
ETSI TS 151 010-1, v12.2.0 (2014-11); Clause 12.2.1 and 12.2.2 only	Digital cellular telecommunications system (Phase 2+) Mobile Station (MS) conformance specification; Part 1: Conformance specification (3GPP TS 51.010-1 version 12.2.0 Release 12)
ETSI TS 151 010-1 V10.0.0 (2012-05) - 12.2.1 and 12.2.2 only	Digital cellular telecommunications system (Phase 2+); Mobile Station (MS) conformance specification; Part 1: Conformance specification (3GPP TS 51.010-1 version 4.3.0 Release 4) - Sections 12.2.1 and 12.2.2 only (Radiated Emissions)

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ETSI TS 151 010-1, v11.1.0 (2013-08) - clause 27.17 only	Digital cellular telecom system (Phase 2+); Mobile Station (MS) conformance specification; Part 1: Conformance specification (3GPP TS 51.010-1 version 11.1.0 Release 11) - clause 27.17 only (electrical tests)
KN 301 489-01:2012 (Annex 8-1)	Electromagnetic compatibility test equipment common way of radio equipment Appended No. 8-1, KN 301 489-01 Test method of common technical EMC for radio equipment
EN 55011 (2009) + A1 (2010)	Industrial, scientific and medical (ISM) radio-frequency equipment - Electromagnetic disturbance characteristics - Limits and methods of measurement
EN 55014-1 (2017)	Electromagnetic compatibility. Requirements for household appliances, electric tools and similar apparatus. Emission
EN 55015 (2013)	Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment
BS EN 55015 (2013)	Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment
BS EN 55015 (2013) + A1 (2015)	Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment
EN 55015 (2013) + A1 (2015)	Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment
EN 55022 (2010)	Information technology equipment. Radio 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) + AC (2016)	Electromagnetic compatibility of multimedia equipment - Emission Requirements
EN 55032 (2015)	Electromagnetic compatibility of multimedia equipment. Emission Requirements
EN 55032 (2012-05)	Electromagnetic compatibility of multimedia equipment. Emission requirements
EN 55103-1 (2009)	Electromagnetic compatibility - Product family standard for audio, video, audio-visual and entertainment lighting control apparatus for professional use - Part 1: Emission
IEC 61000-3-2, Ed. 4.0 (2014-05)	Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current $\leq 16$ A per phase)
EN 61000-3-2 (2014)	Electromagnetic compatibility (EMC). Limits. Limits for harmonic current emissions (equipment input current = 16 A per phase)
IEC 61000-3-2, Ed. 3.0 (2005) +A1 (2008) +A2 (2009)	Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current $\leq 16$ A per phase)

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EN 61000-3-2 (2006) + A1 (2009) + A2 (2009)	Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current $\leq 16$ A per phase)
IEC 61000-3-2 Ed. 3.2 (2009)	Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current $\leq 16$ A per phase)
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 $\leq 16$ 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 $\leq 16$ A per phase and not subject to conditional connection
IEC 61000-3-3 Ed. 2.0 (2008)	EMC- Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current $\leq 16$ A per phase and not subject to conditional connection
IEC 61000-3-3 Ed. 3.0 (2013-05)	(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, 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 $\leq 75$ A 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 $\leq 75$ A and subject to conditional connection
EN 61000-6-3 (2007) + A1 (2011) + AC (2012)	Electromagnetic compatibility (EMC) - Part 6-3: Generic standards - Emission standard for residential, commercial and light-industrial environments
KN 61000-6-3:2012 (Annex 14)	Residential, commercial and light industrial environments Interference test methods
AS/NZS 61000.6.3 (2012)	Electromagnetic compatibility (EMC) - Generic standards - Emission standard for industrial environments
IEC 61000-6-3 (2006-06)	Electromagnetic compatibility (EMC) - Part 6-3: Generic standards - Emission standard for residential, commercial and light-industrial 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
AS/NZS 61000-6-3 (2007)	Electromagnetic compatibility (EMC) - Generic standards - Emission standard for residential, commercial and light-industrial environments

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EN 61000-6-3 (2007) + A1 (2011)	Electromagnetic compatibility (EMC) - Part 6-3: Generic standard - 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
KN 61000-6-4:2012 (Annex 15)	Test method to prevent interference in an industrial environment
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 61326-1 (2005-12)	Electrical equipment for measurement, control and laboratory use - EMC requirements
IEC 61326-1 Ed. 2.0 (2012)	Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 1: General requirements
EN 61326-2-6 (2013)	Electrical equipment for measurement, control and laboratory use. EMC requirements Particular requirements. In vitro diagnostic (IVD) medical equipment
TCVN 7189:2009 (CISPR 22:2006)	Information Technology Equipment-Radio disturbance characteristics - Limits and methods of measurement
ISO 7637-2 (2011)	Road vehicles - Electrical disturbances from conduction and coupling - Part 2: Electrical transient conduction along supply lines only
ISO 7637-3:2016	Road vehicles -- Electrical disturbances from conduction and coupling -- Part 3: Electrical transient transmission by capacitive and inductive coupling via lines other than supply lines
CNS 13438 (2006) (up to 6GHz)	Limits and Methods of Measurement of Radio Interference Characteristics of Information Technology Equipment
CNS 13803 (2003)	Limits and methods of measurement of electromagnetic interference characteristics of industrial, scientific and medical (ISM) radio-frequency equipment
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
ANSI C63.10-2009	American National Standard for Testing Unlicensed Wireless Devices
ANSI C63.26 (2015)	American National Standard for Compliance Testing of Transmitters Used in Licensed Radio Services
IEC/CISPR 11 Ed. 6.0 (2015) + A1 (2016)	Industrial, scientific and medical equipment - Radio-frequency disturbance characteristics - Limits and methods of measurement
AS/NZS CISPR 11 (2011)	Industrial, scientific and medical (ISM) radio frequency equipment - Electromagnetic disturbance characteristics - Limits and methods of measurement



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IEC/CISPR 11 Ed 5 (2009-05) + A1 (2010)	Industrial, scientific and medical equipment - Radio-frequency disturbance characteristics - Limits and methods of measurement
IEC/CISPR 14-1 (2016)	Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 1: Emission
IEC/CISPR 14-1 (2016) + COR1 (2016)	Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 1: Emission
IEC/CISPR 14-1 (2016) + A1 (2016)	Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 1: Emission
CISPR 15 (Ed. 8.1 2015) + A1 (2015) + ISH1 (2013) + ISH2 (2013)	Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment
IEC/CISPR 22, Edition 5.2 (2006-03)	Limits and Methods of Measurement of Radio Disturbance Characteristics of Information Technology Equipment
IEC/CISPR 22 Ed. 6.0 (2008-09)	Limits and Methods of Measurement of Radio Disturbance Characteristics of Information Technology Equipment
IEC/CISPR 25 (2016)	Vehicles, boats and internal combustion engines - Radio disturbance characteristics - Limits and methods of measurement for the protection of on-board receiver - Annex J - ALSE performance validation 150 kHz to 1 GHz
AS/NZS CISPR 32 (2013)	Electromagnetic compatibility of multimedia equipment - Emission requirements
CISPR 32:2015/COR1:2016	Electromagnetic compatibility of multimedia equipment - Emission requirements
CISPR 32 (2015)	Electromagnetic compatibility of multimedia equipment - Emission requirements
AS/NZS CISPR 32 (2015)	Electromagnetic compatibility of multimedia equipment - Emission requirements
CISPR 32, Ed. 1 (2012-01)	Electromagnetic compatibility of multimedia equipment - Emission requirements
ANSI C63.4 (2003)	Emergency Alert System (EAS) in 47 CFR FCC Part 11
ANSI C63.4 (2009) with FCC Method - 47 Part 11.	Emergency Alert System (EAS)
ANSI C63.4 (2014)	Unintentional Radiators in 47 CFR FCC Part 15, Subpart B
ANSI C63.4 (2003)	Unintentional Radiators in 47 CFR FCC Part 15, Subpart B
ANSI C63.4 (2009)	Unintentional Radiators in 47 CFR FCC Part 15, Subpart B
ANSI C63.10 (2013)	Intentional Radiators (up to 26.5 GHz) in 47 CFR FCC Part 15, Subpart C
ANSI C63.10 (2013)	Intentional Radiators in 47 CFR FCC Part 15, Subpart C





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ANSI C63.10 (2013)	Intentional Radiators (over 26.5 GHz) in 47 CFR FCC Part 15, Subpart C
DA 00-705 - March 30, 2000 and KDB Pub. No. 558074	47 CFR FCC Part 15, Subpart C: Intentional Radiators - (Filing and Measurement Guidelines for Frequency Hopping Spread Spectrum Systems - and - New Guidance on Measurements for Digital Transmission Systems in Section 15.247)
KDB Pub. No. 200443 Millimeter Wave Test Procedures	47 CFR FCC Part 15, Subpart C: Intentional Radiators
ANSI C63.4 (2009)	Intentional Radiators in 47 CFR FCC Part 15, Subpart C
SS - MP with FCC Method - 15 CFR Part 15, Subpart C	Intentional Radiators
ANSI C63.17 (2013)	Unlicensed Personal Communications Service Devices in 47 CFR FCC Part 15, Subpart D
ANSI C63.17 (2006) and ANSI C63.4 (2003)	Unlicensed Personal Communications Service Devices in 47 CFR FCC Part 15, Subpart D
FCC KDB 789033 (June 6, 2014)	Guidlines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices Part 15, Subpart E
FCC KDB 789033 (December 14, 2017)	Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices Part 15, Subpart E
FCC KDB 905462 (April 8, 2016)	Compliance measurement procedures for unlicensed-national information infrastructure (U-NII) devices operating in the 5250-5350 MHz and 5470-5725 MHz bands incorporating dynamic frequency selection; FCC Part 15 Subpart E
ANSI C63.10 (2013)	Unlicensed National Information Infrastructure Devices without DFS Intentional Radiators in 47 CFR FCC Part 15, Subpart E
FCC KDB 905462 (May 15, 2015)	Compliance measurement procedures for unlicensed-national information infrastructure devices operating in the 5250-5350 MHz and 5470-5725 MHz bands incorporating dynamic frequency selection
ANSI C63.4 (2003) and DA 02-2138	with FCC Method - CFR Part 15, Subpart E: Unlicensed National Information Infrastructure Service Devices - and - Measurement Procedure Update for Peak Transmit Power
ANSI C63.4 (2009) and DA 02-2138	with FCC Method - CFR Part 15, Subpart E: Unlicensed National Information Infrastructure Service Devices - and - Measurement Procedure Update for Peak Transmit Power
ANSI C63.4 (2009)	Unlicensed National Information Infrastructure Devices in 47 CFR FCC Part 15, Subpart E
UNII - MP	Unlicensed National Information Infrastructure Devices in 47 CFR FCC Part 15, Subpart E
Dynamic Frequency Selection (DFS): June 2006	Memorandum Opinion and Order, Appendix, ET Docket No. 03-122- June 30, 2006 with 47 CFR FCC Part 15, Subpart E: Intentional Radiators.



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ANSI C63.10 (2013)	Ultra-Wideband Operation Intentional Radiators in 47 CFR FCC Part 15, Subpart F
FCC Report and Order ET Docket 98-153 (FCC 02-48)	Procedures in IDB 20021108-001 with 47 CFR FCC Part 15, Subpart F: Ultra-Wideband Operation
ANSI C63.10 (2013)	Access Broadband Over Power Line (Access BPL) Intentional Radiators in 47 CFR FCC Part 15, Subpart G
FCC Part 15.G using FCC Order 04-425	FCC Part 15 Subpart G Access Broadband Over Power Line (Access BPL) using FCC Order, ET Docket No. 04-37, FCC 04-245, Measurement Guidelines for Access Broadband over Power Line (BPL) Systems.
ANSI C63.10 (2013)	White Space Device Intentional Radiators in 47 CFR FCC Part 15, Subpart H
FCC OST/MP-5 (1986)	FCC Methods of Measurement of Radio Noise Emissions for ISM Equipment (cited in 47 CFR FCC Part 18 - Industrial, Scientific, and Medical Equipment)
ICES-001 Issue 4 (2006)	Industrial, Scientific and Medical (ISM) Radio Frequency Generators
ICES-003 Issue 6 (2016)	Information Technology Equipment (ITE) - Limits and methods of measurement
ICES-005 Issue 4 (Dec 2015)	Radio Frequency Lighting Devices <i>Except Section 5</i>
ICES-006 Issue 2 (2009)	AC Wire Carrier Current Devices (Unintentional Radiators)
IEEE C63.17 (2013)	American National Standard Methods of Measurement of the Electromagnetic and Operational Compatibility of Unlicensed Personal Communications Services (UPCS) Devices
IEEE C63.17 (2006)	American National Standard Methods of Measurement of the Electromagnetic and Operational Compatibility of Unlicensed Personal Communications Services (UPCS) Devices
IEEE Std 139-1988	IEEE Recommended Practice for the Measurement of Radio Frequency Emission from Industrial, Scientific, and Medical (ISM) Equipment Installed on User's Premises
IEEE Std 187 (2003)	IEEE Standard for Measurement Methods of Emissions from FM and Television Broadcast Receivers in the Frequency Range of 9 kHz to 40 GHz
IEEE Std 187 (1990)	IEEE Standard on Radio Receivers: Open Field Method of Measurement of Spurious Radiation from FM and Television Broadcast Receivers
IFT-008 (2015) with NOM-208-SCFI (2016)	Radiocommunication systems that use the spread spectrum technique-Frequency hopping and digital modulation radiocommunication equipment to be operated in 902 MHz-928 MHz, 2400 MHz-2483.5 MHz and 5725 MHz-5850 MHz bands-Specifications and testing methods, Sections 5.1-5.9





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Table with 2 columns: Standard Reference and Description. Rows include IFT-008 (2015) with NOM-EM-016, JIS C 1806-1:2010, JIS C 1806-1 (2001), KN 11:2011 (Annex 2), KN 15 (Annex 5 - 2015-12), KN 17:2013 (Annex 17), KN 32:2015 (Annex 11), KN 32:2013 (Annex 16), QCVN 118 (2018): BTTTT, VCCI-CISPR 32 (Nov 2016), and Agreement of VCCI V-3 (2015.04).

Immunity

Designation

Description

Table with 2 columns: Designation and Description. Rows include 10 Meter Semi-Anechoic Chamber(s), 3 Meter Semi-Anechoic Chamber(s), Conducted Room(s), ISO 10605 (2008), and ISO 11452-2 (2004).

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ISO 11452-4 (2011)	Road vehicles - Component test methods for electrical disturbances from narrowband radiated electromagnetic energy - Part 4: Harness excitation methods
ISO 11452-8 (2015)	Road vehicles -- Component test methods for electrical disturbances from narrowband radiated electromagnetic energy -- Part 8: Immunity to magnetic fields
KN 301 489-03	Test Method for Electromagnetic Susceptibility
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 50412-2-1 (2005)	Power line communication apparatus and systems used in low-voltage installations in the frequency range 1,6 MHz to 30 MHz Part 2-1: Residential, commercial and industrial environment Immunity requirements
EN 55014-2 (2015)	Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 2: Immunity - Product family standard
EN 55024 (2010)	Information technology equipment. Immunity characteristics. Limits and methods of measurement
EN 55024 (1998) + A1 (2001) + A2 (2003)	Information Technology Equipment - Immunity Characteristics - Limits and Methods of Measurement
BS EN 55103-2 (1997)	Electromagnetic compatibility - Product family standard for audio, video, audio-visual and entertainment lighting control apparatus for professional use - Part 2. Immunity
KN 60601-1-2 (2008-05)	Medical electrical resistance test method Equipments - Requirements and test methods
EN 60945 (2002)	Maritime navigation and radiocommunication equipment and systems - General requirements - Methods of testing and required test results
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. 3.0 (2006-02) + A1 (2007)	Electromagnetic compatibility (EMC) - Part 4-3: Testing measurement techniques - Radiated, radio-frequency, electromagnetic field immunity test
IEC 61000-4-3, Ed. 3.0 (2006-02) + A1 (2007) + A2 (2010)	Electromagnetic compatibility (EMC) - Part 4-3: Testing measurement techniques - Radiated, radio-frequency, electromagnetic field immunity test
EN 61000-4-3 (2006) +A1 (2008) + A2 (2010)	Electromagnetic compatibility (EMC). Testing and measurement techniques. Radiated, radio- Frequency, electromagnetic field immunity test

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IEC 61000-4-3, Ed. 3.1 (2008-04)	Electromagnetic compatibility (EMC) - Part 4-3: Testing and measurement techniques - Radiated, radio-frequency, electromagnetic field immunity test
IEC 61000-4-3 Ed. 3.2 (2010)	Electromagnetic compatibility (EMC) - Part 4-3: Testing and measurement techniques - Radiated, radio-frequency, electromagnetic field immunity test
EN 61000-4-4 (2007)	Electromagnetic compatibility (EMC) - Part 4-4: Testing and measurement techniques - Electrical Fast Transient/Burst Immunity Test
EN 61000-4-4 (2004) + A1 (2010)	Electromagnetic compatibility (EMC). Testing and measurement techniques. Electrical fast transient/burst 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
IEC 61000-4-4 (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
IEC 61000-4-5 (2014) + A1 (2017)	Electromagnetic compatibility (EMC) - Part 4-5: Testing and measurement techniques - Surge immunity test
BS EN 61000-4-5 (2014)	Electromagnetic compatibility (EMC). Testing and measurement techniques. Surge immunity test
IEC 61000-4-5 Ed. 3.0 (May 2014)	Electromagnetic compatibility (EMC) - Part 4-5: Testing and measurement techniques - Surge immunity test
IEC 61000-4-5, Ed 2 (2005-11)	EMC - Part 4-5: Testing and measurement techniques - Surge immunity test
IEC 61000-4-5, Ed 2 (2005-11) + Corr 1 (2009)	EMC - Part 4-5: Testing and measurement techniques - Surge immunity test
BS EN 61000-4-5 (2006)	Electromagnetic compatibility (EMC). 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. 3.0 (2008)	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
EN 61000-4-6 (2009)	Electromagnetic compatibility (EMC) - Part 4-6: Testing and measurement techniques - Immunity to conducted disturbances, induced by radio-frequency fields

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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 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
Annex17-2 (KN 61000-6-1)	Test Methods for Electromagnetic Compatibility (RRA Announce 2017-71, Dec 28, 2017) Korean only*
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
KN 61000-6-1 (2012) (Annex 11)	Electromagnetic compatibility (EMC) - Part 6 - 1: Generic standards - Immunity for residential, commercial and light-industrial environments
EN 61000-6-2 (2005) + AC (2005)	Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity for industrial environments
Annex18-2 (KN 61000-6-2)	Test Methods for Electromagnetic Compatibility (RRA Announce 2017-71, Dec 28, 2017) Korean only*
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
KN 61000-6-2:2012 (Annex 14)	Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity for industrial environments
EN 61326-1 (2013)	Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 1: General requirements
BS EN 61326-1 (2006)	Electrical equipment for measurement, control and laboratory use. EMC requirements. General requirements
IEC 61326-2-6 Ed. 2.0 (2012)	Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 2-6: Particular requirements - In vitro diagnostic (IVD) medical equipment
KN 61547:2012-6	Immunity test method for lighting equipment
EN 61547 (2009)	Equipment for general lighting purposes. EMC immunity requirements

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ANSI C63.16 (1993)	American National Standard Guide for Electrostatic Discharge Test Methodologies and Criteria for Electronic Equipment
IEC/CISPR 14-2 Ed. 2. (2015)	Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 2: Immunity - Product family standard
IEC/CISPR 16-1, Ed. 2 (1999-10)	Specification for radio disturbance and immunity measuring apparatus and methods - Part 1: Radio disturbance and immunity measuring apparatus
CISPR 16-1-1 Ed. 4.0 (2015)	Specification for radio disturbance and immunity measuring apparatus and methods - Part 1-1: Radio disturbance and immunity measuring apparatus - Measuring apparatus
CISPR 16-1-1 Ed. 3.2 (2014)	Specification for radio disturbance and immunity measuring apparatus and methods - Part 1-1: Radio disturbance and immunity measuring apparatus - Measuring apparatus
IEC/CISPR 16-2 (1996)	Specification for radio disturbance and immunity measuring apparatus and methods - Part 2: Methods of measurement of disturbances and immunity
CISPR 16-2-1 ed 3.0 (2014)	Specification for radio disturbance and immunity measuring apparatus and methods - Part 2-1: Methods of measurement of disturbances and immunity - Conducted disturbance measurements
CISPR 16-2-1 (2005) Ed. 1.1	Specification for Radio Disturbance and Immunity Measuring Apparatus and Methods-Part 2-1: Methods of measurement of disturbance and immunity -Conducted disturbance measurements
CISPR 16-2-1 Ed. 2.0 (2008)	Specification for Radio Disturbance and Immunity Measuring Apparatus and Methods-Part 2-1: Methods of measurement of disturbance and immunity -Conducted disturbance measurements
CISPR 16-2-2 Ed. 1.2 (2005)	Specification for radio disturbance and immunity measuring apparatus and methods - Part 2-2: Methods of measurement of disturbances and immunity - Measurement of disturbance power
CISPR 16-2-2 ed 2.0 (2010)	Specification for radio disturbance and immunity measuring apparatus and methods - Part 2-2: Methods of measurement of disturbances and immunity - Measurement of disturbance power
CISPR 16-2-3 Ed. 3.2 (2014)	Specification for radio disturbance and immunity measuring apparatus and methods - Part 2-3: Methods of measurement of disturbances and immunity - Radiated disturbance measurements
CISPR 16-2-3 (2006) Ed. 2	Specification for Radio Disturbance and Immunity Measuring Apparatus and Methods-Part 2-3: Methods of measurement of disturbance and immunity-Radiated disturbance measurement
CISPR 16-2-4 (2003)	Specification for Radio Disturbance and Immunity Measuring Apparatus and Methods - Part 2-4: Methods of measurement of disturbance and immunity-Immunity measurements
CISPR 24 (2010) + A1 (2015)	Information technology equipment - Immunity characteristics - Limits and methods of measurement

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AS/NZS CISPR 24 (2002) +A1 (2009)	Information technology equipment - Immunity characteristics - Limits and methods of measurement
CISPR 24 ed2.0 (2010-08)	Information technology equipment - Immunity characteristics - Limits and methods of measurement
IEC/CISPR 24 (1997), A1 (2001), A2 (2002) and EN 55024 (1998)	Information technology equipment - Immunity characteristics - Limits and methods of measurement
IEC/CISPR 24 (1997), Amd1, A1(2001); EN 55024 (1998)	Information technology equipment - Immunity characteristics - Limits and methods of measurement
KN 35:2015 (Annex 11-2)	Testing method of electromagnetic wave endurance of multimedia device

**Product Safety**

***Designation***

***Description***

ISO 16750-2:2012	Road vehicles -- Environmental conditions and testing for electrical and electronic equipment -- Part 2: Electrical loads
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 2.1 (2004-11) & EN 60601-1-2 (2002)	Medical electrical equipment - Part 1-2: General requirements for safety - Collateral standard: Electromagnetic compatibility - 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
EN 60601-1-2 (2007)	Medical electrical equipment - Part 1-2: General requirements for safety - Collateral standard: EMC - Requirements and tests
IEC 60601-1-11, ed. 2.0 (2015)	Medical electrical equipment - Part 1-11: General requirements for basic safety and essential performance -- Collateral standard: Requirements for medical electrical equipment and medical electrical systems used in the home healthcare environment
EN 60601-1-11(2015)	Medical electrical equipment - Part 1-11: General requirements for basic safety and essential performance -- Collateral standard: Requirements for medical electrical equipment and medical electrical systems used in the home healthcare environment
IEC 60601-2-2 Ed. 5.0 (2009)	Medical electrical equipment - Part 2-2: Particular requirements for the basic safety and essential performance of high frequency surgical equipment and high frequency surgical accessories
EN 60601-2-2:2009	Medical electrical equipment. Particular requirements for the basic safety and essential performance of high frequency surgical equipment and high frequency surgical accessories



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IEC 60601-2-39, ed. 2.0 (2007), Clause 202	Medical electrical equipment - Part 2-39: Particular requirements for basic safety and essential performance of peritoneal dialysis equipment
EN 60601-2-39 (2008), Clause 202	Medical electrical equipment - Part 2-39: Particular requirements for basic safety and essential performance of peritoneal dialysis equipment
EN 60601-2-47 (2015); Clause 202	Medical electrical equipment - Part 2-47: Particular requirements for the basic safety and essential performance of ambulatory electrocardiographic systems
IEC 60601-2-47 Ed. 2.0 (2012-02), Clause 202	Medical electrical equipment - Part 2-47: Particular requirements for the basic safety and essential performance of ambulatory electrocardiographic systems
EN 60730-1 (2016) + A1:2019	Automatic Electrical Controls - Part 1: General Requirements (IEC 60730-1:2013/ A1:2015)  <i>Clauses 23 and 26 only</i>
IEC 60730-1:2013+AMD1:2015	Automatic electrical controls - Part 1: General requirements  <i>Clauses 23 &amp; 26 only</i>

### Radio

#### Designation

#### Description

AS 2772.2:2011	Radiofrequency fields - Principles and methods of measurement and computation - 3 kHz to 300 GHz
FCC KDB 285076 (October 2013)	HAC Hearing Aid Compatibility
ETSI EN 300 086-1 v1.4.1 (2010-06)	ERM; Land Mobile Service; Radio equipment with internal or external RF connector intended primarily for analogue speech; Part 1: Technical characteristics and methods of measurement
ETSI EN 300 086-2 V1.3.1 (2010-06)	(ERM), Land Mobile Service, Radio equipment with an internal or external RF connector intended primarily for analogue speech, Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive
ETSI EN 300 113-2 V1.5.1 (2011-11)	Radio equipment intended for the transmission of data using constant or non-constant envelope modulation and having an antenna connector; Part 2: Harmonized EN covering essential requirements under article 3.2 of the R&TTE Directive
ETSI EN 300 219-1 v1.2.1 (2001-03)	Electromagnetic compatibility and Radio spectrum Matters (ERM); Land Mobile Service; Radio equipment transmitting signals to initiate a specific response in the receiver; Part 1: Technical characteristics and methods of measurement
ETSI EN 300 219-2, v1.1.1 (2001-03)	ERM; Land Mobile Service; Radio equipment transmitting signals to initiate a specific response in the receiver; Part 2: Harmonized EN covering essential requirements under Article 3.2 of the R&TTE Directive
ETSI EN 300 220-1 V3.1.1 (2017-02)	Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz; Part 1: Technical characteristics and methods of measurement

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ETSI EN 300 220-1 V2.4.1 (2012-05)	(ERM); Short Range Devices (SRD); Radio equipment to be used in the 25 MHz to 1 000 MHz frequency range with power levels ranging up to 500 mW; Part 1: Technical characteristics and test methods
ETSI EN 300 220-2 V3.1.1 (2017-02)	Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz; Part 2: Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU for non specific radio equipment
ETSI EN 300 220-2 V3.2.1 (2018-06)	Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz; Part 2: Harmonised Standard for access to radio spectrum for non specific radio equipment
ETSI EN 300 220-2 V2.4.1 (2012-05)	(ERM); Short Range Devices (SRD); Radio equipment to be used in the 25 MHz to 1 000 MHz frequency range with power levels ranging up to 500 mW; Part 2: Harmonized EN covering essential requirements under article 3.2 of the R&TTE Directive
EN 300 220-3 V1.1.1 (2000-09)	ERM; Short Range Devices; Radio equipment to be used in the 25 MHz to 1,000 MHz frequency range with power levels ranging up to 500 mW; Part 3: Harmonized EN covering essential requirements under article 3.2 of the R&TTE Directive
EN 300 224-1 V1.3.1 (2001-01)	Electromagnetic compatibility and Radio spectrum Matters (ERM); On-site paging service; Part 1: Technical and functional characteristics, including test methods
ETSI EN 300 224-2 v1.1.1 (2001-01)	Electromagnetic compatibility and Radio spectrum Matters (ERM); On-site paging service; Part 2: Harmonized EN under article 3.2 of the R&TTE Directive
ETSI EN 300 296-1 V1.4.1 (2013)	(ERM), Land Mobile Service, Radio equipment using integral antennas intended primarily for analogue speech, Part 1: Technical characteristics and methods of measurement
ETSI EN 300 296-2 V1.4.1 (2013)	(ERM); Land Mobile Service; Radio equipment using integral antennas intended primarily for analogue speech; Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive
ETSI EN 300 328 V1.9.1 (2015-02)	ERM; Wideband Transmission Systems; Data transport equipment operating in the 2.4 GHz ISM band and using wide band modulation techniques; Harmonized EN covering essential requirements under article 3.2 of the R&TTE Directive
ETSI EN 300 328 V2.1.1 (2016-11)	Wideband transmission systems; Data transmission equipment operating in the 2.4 GHz ISM band and using wide band modulation techniques; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU
ETSI EN 300 328 V1.8.1 (2012-06)	ERM; Wideband Transmission Systems; Data transport equipment operating in the 2.4 GHz ISM band and using wide band modulation techniques; Harmonized EN covering essential requirements under article 3.2 of the R&TTE Directive
ETSI EN 300 330 V2.1.1 (2017-02)	Short Range Devices (SRD); Radio equipment in the frequency range 9 kHz to 25 MHz and inductive loop systems in the frequency range 9 kHz to 30 MHz; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU
ETSI EN 300 330-1 V1.8.1 (2015-03)	ERM; Short Range Devices; Radio Equipment in the Frequency Range 9kHz to 25 MHz and Inductive Loop Systems in the Frequency Range 9kHz to 30 MHz; Part 1: Technical Characteristics and Test Methods

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ETSI EN 300 330-2 V1.6.1 (2015-03)	ERM; Short Range Devices (SRD); Radio Equipment in the Frequency Range 9kHz to 30 MHz; Part 2: Harmonized EN Under Article 3.2 of the R&TTE Directive
ETSI EN 300 330-2 V1.5.1 (2010-02)	ERM; Short Range Devices (SRD); Radio Equipment in the Frequency Range 9kHz to 30 MHz; Part 2: Harmonized EN Under Article 3.2 of the R&TTE Directive
ETSI EN 300 341-2 v1.1.1 (2000-12)	ERM; Land Mobile service (RP 02); Radio equipment using an integral antenna transmitting signals to initiate a specific response in the receiver; Part 2: Harmonized EN under article 3.2 of the R&TTE Directive
ETSI EN 300 373-1 V1.4.1 (2013)	(ERM); Maritime mobile transmitters and receivers for use in the MF and HF bands; Part 1: Technical characteristics and methods of measurement
ETSI EN 300 373-1, v1.2.1 (2002-10)	ERM; Maritime Mobile transmitters and receivers for use in the MF and HF bands; Part 1: Technical characteristics and methods of measurement
ETSI EN 300 373-2, v1.2.1 (2009-12)	ERM; Maritime Mobile transmitters and receivers for use in the MF and HF bands; Part 2: Harmonized EN covering essential requirements under article 3.2 of the R&TTE Directive
ETSI EN 300 373-3 V1.2.1	ERM; Maritime Mobile transmitters and receivers for use in the MF and HF bands; Part 3: Harmonized EN covering essential requirements under article 3.3(e) of the R&TTE Directive
ETSI EN 300 390-2 v1.1.1 (2000-09)	ERM; Land Mobile Service; Radio equipment intended for the transmission of data (and speech) and using an integral antenna; Part 2: Harmonized EN covering essential requirements under article 3.2 of the R&TTE Directive
ETSI EN 300 390-1 v1.2.1 (2000-09)	Electromagnetic compatibility and Radio spectrum Matters (ERM); Land Mobile Service; Radio equipment intended for the transmission of data (and speech) and using an integral antenna; Part 1: Technical characteristics and test conditions
ETSI EN 300 422-1 V1.5.1 (2015-06)	Electromagnetic compatibility and Radio spectrum Matters (ERM) Wireless microphones in the 25 MHz to 3 GHz frequency range; Part 1: Technical characteristics and methods of measurement
ETSI EN 300 422-1, V1.3.2 (2008-03)	Electromagnetic compatibility and Radio spectrum Matters (ERM); Wireless microphones in the 25 MHz to 3 GHz frequency range; Part 1: Technical characteristics and methods of measurement
ETSI EN 300 422-2 V1.4.1 (2015-06)	Electromagnetic compatibility and Radio spectrum Matters (ERM) Wireless microphones in the 25 MHz to 3 GHz frequency range; Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive
ETSI EN 300 422-2 v1.3.1 (2011-08)	Electromagnetic compatibility and Radio spectrum Matters (ERM); Wireless microphones in the 25 MHz to 3 GHz frequency range; Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive
ETSI EN 300 440 V2.2.1 (2018-07)	Short Range Devices (SRD); Radio equipment to be used in the 1 GHz to 40 GHz frequency range; Harmonised Standard for access to radio spectrum
ETSI EN 300 440-1 V1.6.1 (2010-08)	Electromagnetic compatibility and Radio spectrum Matters (ERM): Short range devices; Radio equipment to be used in the 1 GHz to 40 GHz frequency range; Part 1: Technical characteristics and test methods

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ETSI EN 300 440-2 v1.4.1 (2010-08)	Electromagnetic compatibility and Radio spectrum Matters (ERM); Short range devices; Radio equipment to be used in the 1 GHz to 40 GHz frequency range; Part 2: Harmonized EN under article 3.2 of the R&TTE Directive
ETSI EN 300 454-1 v1.1.2 (2000-08)	Electromagnetic compatibility and Radio spectrum Matters (ERM); Wide band audio links; Part 1: Technical characteristics and test methods
ETSI EN 300 454-2 v1.1.1 (2000-08)	Electromagnetic compatibility and Radio spectrum Matters (ERM); Wide band audio links; Part 2: Harmonized EN under article 3.2 of the R&TTE Directive
ETSI EN 300 761-2 v1.1.1 (2001-06)	ERM; Short Range Devices (SRD); Automatic Vehicle Identification (AVI) for railways operating in the 2.45 GHz frequency range; Part 2: Harmonized standard covering essential requirements under article 3.2 of the R&TTE Directive
ETSI EN 301 166-1 V1.3.2 (2009-11)	ERM; Land Mobile Service: Radio equipment for analogue and/or digital communication and operating on narrow band channels and having an antenna connector; Part 1: Technical characteristics and methods of measurement
ETSI EN 301 166-2 V1.2.3	ERM; Land Mobile Service; Radio equipment of the analogue and/or digital communication and operating on narrow band channels and having an antenna connector; Part 2: Harmonized EN covering essential requirements under article 3.2 of the R&T
ETSI EN 301 357-1 v1.2.1 (2001-06)	ERM: Cordless audio devices in the range 25 MHz to 2,000 MHz; Consumer radio microphones and in-ear monitoring systems operating in the CEPT harmonized band 863 MHz to 865 MHz; Part 1: Technical characteristics and test methods
ETSI EN 301 357-1 V1.4.1 (2008-11)	ERM; Cordless Audio Devices in the Range 25 MHz to 2,000 MHz; Part 1: Technical Characteristics and Test Methods
ETSI EN 301 357-2 v1.4.1 (2008-11)	Electromagnetic compatibility and Radio spectrum Matters (ERM); Cordless audio devices in the range 25 MHz to 2 000 MHz; Part 2: Harmonized EN covering essential requirements of article 3.2 of the R&TTE Directive
ETSI EN 301 406 V2.1.1 (2009-07)	Digital Enhanced Cordless Telecommunications (DECT); Harmonized EN for Digital Enhanced Cordless Telecommunications (DECT) covering the essential requirements under article 3.2 of the R&TTE Directive; Generic radio
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 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

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ETSI EN 301 489-3 v1.4.1 (2002-08)	Electromagnetic compatibility and Radio spectrum Matters; ElectroMagnetic Compatibility standard for radio equipment and services; Part 3: Specific conditions for Short-Range Devices (SRD) operating on frequencies between 9 kHz and 40 GHz
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 301 489-4 V2.2.1 (2015-05)	Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 4: Specific conditions for fixed radio links and ancillary equipment
ETSI EN 301 489-4: V2.1.1 (2012-11)	Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 4: Specific conditions for fixed radio links and ancillary equipment and services
ETSI EN 301 489-5 v1.3.1 (2002-08)	Electromagnetic compatibility & Radio spectrum Matters (ERM); EMC standard for radio equipment and services; Part 5: Specific conditions for Private land Mobile Radio (PMR) and ancillary equipment (speech and non-speech)
ETSI EN 301 489-6 v1.3.1 (2008-08)	Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 6: Specific conditions for Digital Enhanced Cordless Telecommunications (DECT) equipment
KN 301 489-07:2008 (Annex 8-2)	Electromagnetic Compliance specific low power radio equipment for wireless data communications system testing method Appended No. 8-3, KN 301 489-17 Test method of EMC for radio equipment of low-output for wireless data transmission system  (GSM and DCS)
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 301 489-8 v1.2.1 (2002-08)	ElectroMagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 8: Specific conditions for GSM base stations
ETSI EN 301 489-9 v1.4.1 (2007-11)	ERM; EMC standard for radio equipment and services; Part 9: Specific conditions for wireless microphones, similar Radio Frequency (RF) audio link equipment, cordless audio and in-ear monitoring devices
ETSI EN 301 489-10 v1.3.1 (2002-08)	EMR; ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 10: Specific conditions for First (CT1 and CT1+) and Second Generation Cordless Telephone (CT2) equipment
ETSI EN 301 489-16 v1.2.1 (2002-08)	Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility standard for radio equipment and services; Part 16: Specific conditions for analogue cellular radio communications equipment, mobile and portable



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KN 301 489-17:2013 (Annex 8-3)	Electromagnetic Compliance specific low power radio equipment for wireless data communications system testing method Appended No. 8-3, KN 301 489-17 Test method of EMC for radio equipment of low-output for wireless data transmission system
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 V2.2.1 (2012-09)	(ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment; Part 17: Specific conditions for Broadband Data Transmission Systems
ETSI EN 301 489-18 v1.3.1 (2002-08)	Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 18: Specific conditions for Terrestrial Trunked Radio (TETRA) equipment
ETSI EN 301 489-19 v1.2.1 (2002-11)	ERM; ElectroMagnetic Compatibility (EMC) standard for radiiio 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 301 489-20 v1.2.1 (2002-11)	Electromagnetic compatibility and Radio spectrum Matters; ElectroMagnetic Compatibility standard for radio equipment and services; Part 20: Specific conditions for Mobile Earth Stations (MES) used in the Mobile Satellite Services (MSS)
ETSI EN 301 489-22, v1.3.1 (2003-11)	ERM; ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 22: Specific conditions for ground based VHF aeronautical mobile and fixed radio equipment
ETSI EN 301 489-23 v1.5.1 (2011-11)	(ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 23: Specific conditions for IMT-2000 CDMA Direct Spread (UTRA and E-UTRA) Base Station (BS) radio, repeater and ancillary equipment
KN 301 489-24:2008 (Annex 8-4)	EMC test methods for radio equipment for mobile communication devices
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
ETSI EN 301 489-25 V2.3.2 (2005-07)	ERM; ElectroMagnetic Compatibility (EMC); Standard for Radio Equipment and Services; Part 25: Specific Condition for IMT-2000 CDMA Multi-Carrier Mobile Stations and Ancillary Equipment
ETSI EN 301 489-26 V2.3.2 (2005-07)	ERM; ElectroMagnetic Compability (EMC) Standard for Radio Equipment and Services; Part 26: Specific Conditions for CDMA 1x Spread Base Spectrum Stations, Repeaters and Ancillary Equipment
ETSI EN 301 489-27 V1.1.1 (2004-06)	ERM; EMC standard for radio equipment and services; Part 27: Specific conditions for Ultra Low Power Active Medical Implants (ULP-AMI) and related peripheal devices (ULP-AMI-P)
ETSI EN 301 489-28, version 1.1.1 (2004-07)	ERM; EMC Standard for radio equipment and services - Part 28: Specific conditions for wireless digital video links



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ETSI EN 301 489-29 V1.1.1 (2009-02)	ERM; ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 29: Specific conditions for Medical Data Service Devices (MEDS) operating in the 401 MHz to 402 MHz and 405 MHz to 406 MHz bands
ETSI EN 301 489-31 V1.1.1 (2005)	Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 31: Specific conditions for equipment in the 9kHz to 315kHz band for Ultra Low Pwer Active
ETSI EN 301 489-33 V1.1.1 (2009-02)	Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 33: Specific conditions for Ultra Wide Band (UWB) communications devices
ETSI EN 301 489-34 V1.4.1 (2013-05)	(ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 34: Specific conditions for External Power Supply (EPS) for mobile phones
ETSI EN 301 502 V12.1.1 (2015-03)	Global System for Mobile communications (GSM); Harmonized EN for Base Station Equipment covering the essential requirements of article 3.2 of the R&TTE Directive  <i>(Radiated Emissions only)</i>
ETSI EN 301 502 V12.5.1 (2016-07)	Global System for Mobile communications (GSM); Base Station (BS) equipment; Harmonized Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU  <i>(Radiated Emissions only)</i>
ETSI EN 301 511 V12.1.1 (2015-06)	Global System for Mobile communications (GSM); Harmonized EN for mobile stations in the GSM 900 and GSM 1,800 bands covering essential requirements under article 3.2 of the R&TTE directive (1999/5/EC)
ETSI EN 301 511 V9.0.2 (2003-03)	Global System for Mobile communications (GSM); Harmonized EN for mobile stations in the GSM 900 and GSM 1,800 bands covering essential requirements under article 3.2 of the R&TTE directive (1999/5/EC)
ETSI EN 301 598 V1.1.1 (2014-04)	White Space Devices (WSD); Wireless Access Systems operating in the 470 MHz to 790 MHz TV broadcast band; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive
ETSI EN 301 598 V2.1.1 (2018-01)	White Space Devices (WSD); Wireless Access Systems operating in the 470 MHz to 790 MHz TV broadcast band; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU
ETSI EN 301 783-1 V1.2.1 (2010-07)	Electromagnetic compatibility and Radio spectrum Matters (ERM); Land Mobile Service; Commercially available amateur radio equipment; Part 2: Harmonized EN covering essential requirements under article 3.2 of the R&TTE Directive
ETSI EN 301 783-2 v1.2.1 (2010-07)	Electromagnetic compatibility and Radio spectrum Matters (ERM); Land Mobile Service; Commercially available amateur radio equipment; Part 2: Harmonized EN covering essential requirements under article 3.2 of the R&TTE Directive
ETSI EN 301 839-1 V1.3.1 (2009-10)	ERM; Radio equipment in the frequency range 402 MHz to 405 MHz for Ultra Low Power Active Medical Implants and Accessories; Part 2: Harmonized EN covering essential requirements of article 3.2 of the R&TTE Directive

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ETSI EN 301 839-2 v1.3.1	ERM; Radio equipment in the frequency range 402 MHz to 405 MHz for Ultra Low Power Active Medical Implants and Accessories; Part 2: Harmonized EN covering essential requirements of article 3.2 of the R&TTE Directive
ETSI EN 301 893 V1.8.1 (2015-03)	Broadband Radio Access Networks (BRAN); 5 GHz high performance RLAN; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive
ETSI EN 301 893 V2.1.1 (2017-05)	5 GHz RLAN; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU
ETSI EN 301 893 V1.7.1 (2012-06)	Broadband Radio Access Networks (BRAN); 5 GHz high performance RLAN; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive
ETSI EN 301 908-1 V7.1.1 (2015-03)	IMT cellular networks; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive; Part 1: Introduction and common requirements  <i>Radiated only</i>
ETSI EN 301 908-1 V11.1.1 (2016-07)	IMT cellular networks; Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU; Part 1: Introduction and common requirements  <i>(Radiated Emissions only)</i>
EN 301 908-1 V6.2.1 (2013-04)	Base Stations, Repeaters and User Equipment for IMT-2000 Third-Generation cellular networks; Part 1: Harmonized EN for IMT-2000, introduction and common requirements, covering essential requirements of article 3.2 of the R&TTE Directive
ETSI EN 301 908-2, V7.1.1 (2015-12)	IMT cellular networks; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive; Part 2: CDMA Direct Spread (UTRA FDD) User Equipment (UE)
ETSI EN 301 908-2, V11.1.1 (2016-07)	IMT cellular networks; Harmonized EN covering the essential requirements of article 3.2 of the Directive 2014/53/EU; Part 2: CDMA Direct Spread (UTRA FDD) User Equipment (UE)  <i>RSE Only</i>
ETSI EN 301 908-2 V11.1.2 (2017-08)	IMT cellular networks; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU; Part 2: CDMA Direct Spread (UTRA FDD) User Equipment (UE)  <i>RSE Only</i>
ETSI EN 301 908-2 V6.2.1 (2013-10)	IMT cellular networks; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive; Part 2: CDMA Direct Spread (UTRA FDD) User Equipment (UE)
ETSI EN 301 908-13 V7.1.1 (2015-12)	IMT cellular networks; Harmonised EN covering the essential requirements of article 3.2 of the R&TTE Directive; Part 13: Evolved Universal Terrestrial Radio Access (E-UTRA) User Equipment (UE)  <i>RSE Only</i>

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ETSI EN 301 908-13 V11.1.1 (2016-07)	IMT cellular networks; Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU; Part 13: Evolved Universal Terrestrial Radio Access (E-UTRA) User Equipment (UE)  <i>RSE Only</i>
ETSI EN 301 908-13 V11.1.2 (2017-07)	IMT cellular networks; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU; Part 13: Evolved Universal Terrestrial Radio Access (E-UTRA) User Equipment (UE)  <i>RSE Only</i>
ETSI EN 301 908-13 V6.2.1 (2013-10)	IMT cellular networks; Harmonized EN covering article 3.2 of the R&TTE Directive; Part 13: Evolved Universal Terrestrial Radio Access (E'UTRA) User Equipment (UE)  <i>RSE Only</i>
ETSI EN 302 064-1 V1.1.2 (2004-07)	Electromagnetic compatibility and Radio spectrum Matters ERM; Wireless Video Links (WVL) operating in the 1,3 GHz to 50 GHz frequency band; Part 1: Technical characteristics and methods of measurement
ETSI EN 302 064-2 V1.1.1 (2004-04)	Electromagnetic compatibility and Radio spectrum Matters (ERM); Wireless Video Links (WVL) operating in the 1,3 GHz to 50 GHz frequency band; Part 2: Harmonized EN under article 3.2 of the R&TTE Directive
ETSI EN 302 065 V1.2.1 (2010-10)	Electromagnetic compatibility and Radio spectrum Matters (ERM); Ultra WideBand (UWB) technologies for communication purposes; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive
ETSI EN 302 066-2 V1.2.1 (2008-02)	Electromagnetic compatibility and Radio spectrum Matters (ERM); Ground- and Wall-Probing Radar applications (GPR/WPR) imaging systems; Part 2: Harmonized EN covering essential requirements of article 3.2 of the R&TTE Directive
ETSI EN 302 186 v1.1.1 (2003-11)	Satellite Earth Stations and Systems (SES); Harmonized EN for satellite mobile Aircraft Earth Stations (AESs) operating in the 11/12/14 GHz frequency bands covering essential requirements under article 3.2 of the R&TTE directive
ETSI EN 302 195-2 V1.1.1 (2004-03)	(ERM); Radio equipment in the frequency range 9 kHz to 315 kHz for Ultra Low Power Active Medical Implants (ULP-AMI) and accessories; Part 2: Harmonized EN covering essential requirements of article 3.2 of the R&TTE Directive
ETSI EN 302 208-1 V2.1.1 (2015-02)	Electromagnetic compatibility and Radio spectrum Matters (ERM); Radio Frequency Identification Equipment operating in the band 865 MHz to 868 MHz with power levels up to 2 W and in the band 915 MHz to 921 MHz with power levels up to 4 W; Part 1: Technical requirements and methods of measurement
ETSI EN 302 208-2 V2.1.1 (2015-02)	Electromagnetic compatibility and Radio spectrum Matters (ERM); Radio Frequency Identification Equipment operating in the band 865 MHz to 868 MHz with power levels up to 2 W and in the band 915 MHz to 921 MHz with power levels up to 4 W; Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive
ETSI EN 302 217-2-1 V2.1.1 (2014-12)	Fixed Radio Systems; Characteristics and requirements for point-to-point equipment and antennas; Part 2-1: System-dependent requirements for digital systems operating in frequency bands where frequency co-ordination is applied

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ETSI EN 302 217-2-2 V2.2.1 (2014-04)	Fixed Radio Systems; Characteristics and requirements for point-to-point equipment and antennas; Part 2-2: Digital systems operating in frequency bands where frequency co-ordination is applied; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive
ETSI EN 302 217-3 V2.2.1 (2014-04)	Fixed Radio Systems; Characteristics and requirements for point-to-point equipment and antennas; Part 3: Equipment operating in frequency bands where both frequency coordinated or uncoordinated deployment might be applied; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive
ETSI EN 302 217-4-1 V1.4.1 (2010-01)	Fixed Radio Systems, Characteristics and requirements for point-to-point equipment and antennas, Part 4-1: System-dependent requirements for antennas
ETSI EN 302 217-4-2 V1.5.1 (2010-01)	Fixed Radio Systems; Characteristics and requirements for point-to-point equipment and antennas; Part 4-2: Antennas; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive
ETSI EN 302 288-2 V1.6.1 (2012-03)	Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices; Road Transport and Traffic Telematics (RTTT); Short range radar equipment operating in the 24 GHz range; Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive
EN 302 291-1 V. 1.1.1	Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Close Range Inductive Data Communication equipment operating at 13,56 MHz; Part 1: Technical characteristics and test methods
EN 302 291-2, v1.1.1	ERM; Short Range Devices; Close Range Inductive Data Communication equipment operating at 13,56 MHz - Part 2: Harmonized EN covering essential requirements of Article 3(2) of the R&TTE Directive
ETSI EN 302 326-1 v1.2.2 (2007-06)	Electromagnetic compatibility and Radio spectrum Matters (ERM); Transmitting equipment for the analogue television broadcasting service; Harmonized EN under article 3.2 of the R&TTE Directive
ETSI EN 302 326-2 v1.2.2 (2007-06)	Fixed Radio Systems; Multipoint Equipment and Antennas; Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive for Digital Multipoint Radio Equipment
ETSI EN 302 326-3 V1.3.1	Fixed Radio Systems; Multipoint Equipment and Antennas; Part 3: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive for Multipoint Radio Antennas
ETSI EN 302 372-1 V1.2.1 (2011)	Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Equipment for Detection and Movement; Tanks Level Probing Radar (TLPR) operating in the frequency bands 5.8 GHz, 10 GHz, 25 GHz, 61 GHz, and 77 GHz; Part 1: Technical characteristics and test methods
ETSI EN 302 500-1 V1.2.1	ERM; Short Range Devices (SRD) using Ultra WideBand (UWB) technology; Location Tracking equipment operating in the frequency range from 6 GHz to 8,5 GHz; Part 1: Technical characteristics and test methods

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ETSI EN 302 500-2 V1.2.1	ERM; Short Range Devices (SRD) using Ultra WideBand (UWB) technology; Location Tracking equipment operating in the frequency range from 6 GHz to 8,5 GHz; Part 1: Technical characteristics and test methods
ETSI EN 302 502 V1.2.1 (2008-07)	Broadband Radio Access Networks (BRAN); 5,8 GHz fixed broadband data transmitting systems; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive
ETSI EN 302 510-1 V1.1.1	ERM; Radio equipment in the frequency range 30 MHz to 37,5 MHz for Ultra Low Power Active Medical Membrane Implants and Accessories; Part 1: Technical characteristics and test methods
ETSI EN 302 510-2 V1.1.1	ERM, Radio equipment in the frequency range 30 MHz to 37,5 MHz for Ultra Low Power Active Medical Membrane Implants and Accessories, Part 1: Technical characteristics and test methods
ETSI EN 302 537-1 V1.1.2	ERM; Short Range Devices (SRD); Ultra Low Power Medical Data Service Systems operating in the frequency range 401 MHz to 402 MHz and 405 MHz to 406 MHz; Part 1: Technical characteristics and test methods
ETSI EN 302 537-2 V1.1.2	ERM; Short Range Devices (SRD); Ultra Low Power Medical Data Service Systems operating in the frequency range 401 MHz to 402 MHz and 405 MHz to 406 MHz; Part 1: Technical characteristics and test methods
ETSI EN 302 544-1 V1.1.2 (2010-01)	Broadband Data Transmission Systems operating in the 2 500 MHz to 2 690 MHz frequency band, Part 1: TDD Base Stations, Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive
ETSI EN 302 544-2 V1.1.1 (2009-01)	Broadband Data Transmission Systems operating in the 2 500 MHz to 2 690 MHz frequency band; Part 2: TDD User Equipment Stations; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive
ETSI EN 302 567 V1.2.1 (2012-01)	Broadband Radio Access Networks (BRAN), 60 GHz Multiple-Gigabit WAS/RLAN Systems, Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive
ETSI EN 302 571 V1.2.1	Intelligent Transport Systems (ITS); Radiocommunications equipment operating in the 5 855 MHz to 5 925 MHz frequency band; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive
ETSI EN 302 729-1 V1.1.2 (2011)	Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Level Probing Radar (LPR) equipment operating in the frequency ranges 6 GHz to 8.5 GHz, 24.05 GHz to 26.5 GHz, 57 GHz to 64 GHz, 75 GHz to 85 GHz; Part 1: Technical characteristics and test methods
ETSI EN 303 417 V1.1.1 (2017-09)	Wireless power transmission systems, using technologies other than radio frequency beam in the 19-21 kHz, 59-61 kHz, 79-90 kHz, 100-300 kHz, 6,765-6,795 kHz ranges; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU
EN 302 195-1 V1.1.1 (2004-03)	ERM; Radio equipment in the frequency range 9kHz to 315kHz for Ultra Low Power Active Medical Implants (ULP-AMI) and accessories; Part 1: Technical characteristics and test methods





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EN 50384 (2002)	Product standard to demonstrate the compliances of radio BS & fixed terminal stations for wireless telecom systems with the basic restrictions or the reference levels related to human exposure to RF EM fields (110 MHz-40GHz) Occupationl
EN 50385 (2002)	Product standard to demonstrate the compliances of radio BS & fixed terminal stations for wireless telecom systems with the basic restrictions or the reference levels related to human exposure to RF EM fields (110 MHz-40GHz) General public
FCC KDB 558074 D01 (August 24, 2018)	Guidance for Compliance Measurement on Digital Transmission System, Frequency Hopping Spread Spectrum System, and Hybrid System Devices Operating Under Section 15.247 of the FCC Rules
ACMA Radiocommunications (UHF CB Radio Equipment) Standard 2011 (No. 1)	Radiocommunications equipment used in the UHF citizen radio service for technical performance matters including test methods and limits
ARIB Standard STD-T66, version 2.1 (March 26, 2003)	Second Generation Low Power Data Communication System / Wireless LAN System
ARIB Standard STD-T67, version 1.1 (November 11, 2005)	Telemeter, Telecontrol and Data Transmission Radio Equipment for Specified Low-Power Radio Station
ARIB Standard STD-T67, version 1.0 (July 25, 2000)	Telemeter, Telecontrol and Data Transmission Radio Equipment for Specified Low-Power Radio Station
Radiation Protection Series No. 3	Maximum Exposure Levels to Radiofrequency Fields - 3 kHz to 300 GHz
ACMA Radiocommunications (Short Range Devices) Standard 2014	For technical performance matters using AS/NZS 4268
AS/NZS 4268 (2017)	Radio equipment and systems-Short range devices-Limits and methods of measurement
AS/NZS 4268 (2012)	Radio equipment and systems - Short range devices - Limits and methods of measurement
AS/NZS 4295 (2015)	Analogue speech (angle modulated) equipment operating in land mobile and fixed services bands in the frequency range 29.7 MHz to 1 GHz
ACMA Radiocommunications (Analogue Speech (Angle Modulated) Equipment) Std 2014	For technical performance matters using AS/NZS 4295:2015
AS/NZS 4295 (2004)	Analogue speech (angle modulated) equipment operating in land mobile and fixed services bands in the frequency range 29.7 MHz to 1 Ghz
AS/NZS 4365 (2011)	Radiocommunications equipment used in the UHF citizen band radio service
Bluetooth® RF-PHY.TS.5.0.0 (2016)	Test structures and procedures for qualification testing of Bluetooth implementations of the Bluetooth Low Energy RF PHY.
Bluetooth® RF.TS.5.0.0 (2016)	TSS and TP for qualification test of the Bluetooth Wireless Technology Radio layer.





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ANSI C63.19, v3.12	American National Standard for Methods of Measurement of Compatibility between Wireless Communication Devices and Hearing Aids <i>Part 20</i>
ANSI C63.19 (2007)	American National Standard for Methods of Measurement Compatibility between Wireless Communication Devices and Hearing Aids <i>Part 20</i>
ANSI C63.19 (2011)	American National Standard for Methods of Measurement Compatibility between Wireless Communication Devices and Hearing Aids <i>Part 20</i>
CBRSA-TS-9001 V1.1.0 (October 2018)	CBRS Alliance Certification Test Plan
CTIA Test Plan Rev 3.7 (2017)	Test Plan for Wireless Device Over-the-Air Performance, Revision 3.7 - Method of measurement for radiated RF power and receiver performance
CTIA Battery Life Test Plan v1.2.1 (December 2018)	CTIA Certification Program requirements for testing and determining the expected battery life of smartphones.
CTIA Test Plan Rev 3.7.1 (February 2018)	Test Plan for Wireless Device Over-the-Air Performance, Revision 3.7.1 - Method of measurement for radiated RF power and receiver performance
CTIA Battery Life Test Plan v1.1.1 (July 2017)	CTIA Certification Program requirements for testing and determining the expected battery life of smartphones.
CTIA Battery Life Test Plan v1.1 (Feb 2017)	CTIA Certification Program requirements for testing and determining the expected battery life of smartphones
CTIA HAC Test Plan (2013)	Test Plan for Hearing Aid Compatibility (version 3)
CTIA HAC Test Plan (May 2017)	Test Plan for Hearing Aid Compatibility (version 3.1.1)
HKCA 1035, Issue 6 (May 2011)	Performance Specification for Radio Equipment Exempted From Licensing
HKCA 1039, Issue 6 (June 2015)	Performance Specification for Radiocommunications Apparatus Operating in the 2.4 Ghz or 5 Ghz Band and Employing Frequency Hopping or Digital Modulation
HKCA 1039, Issue 5 (June 2013)	Performance Specification for Radiocommunications Apparatus Operating in the 2.4 Ghz or 5 Ghz Band and Employing Frequency Hopping or Digital Modulation
HKCA 1042, Issue 2 (February 2003)	Performance Specification for Radio Equipment Operating in the 5 GHz Band for Wireless Access
HKCA 1043, Issue 4 (June 2008)	Performance Specification for Base Station Equipment for Use in the Third Generation (3G) Mobile Communications Services Employing CDMA Direct Spread (UTRA FDD)
HKCA 1044, Issue 1 (February 2003)	Performance Specification for Short-Range Portable Radio Operating in the 409 MHz Band

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HKCA 1048, Issue 2, (June 2008)	Performance specification for user equipment for use in the third generation (3G) mobile communications services employing CDMA direct spread (UTRA FDD)
HKCA 1049, Issue 1 (April 2005)	Performance Specification for Radio Frequency Identification (RFID) Equipment Operating in the 865 - 868 MHz and/or 920 - 925 MHz Bands
HKCA 1053, Issue 1 (June 2008)	Performance specification for base station and repeater equipment for use in the third generation (3G) mobile communications services employing DCMA2000 spread spectrum <i>Radiated only</i>
HKCA 2017, Issue 4 (October 2010)	Network Connection Specification for Connection of Customer Premises Equipment (CPE) to the Public Telecommunications Network (PTN) in Hong Kong over Digital Trunk at 1544 kbit/s using DTMF Signaling
HKTA 1046, Issue 3 (September 2008)	Method of Measurement for Radio Transmitter for Use in the Land Mobile Service
HKTA 1056, Issue 1 (May 2011)	Performance Specification for Base Station and Repeater Equipment for Use in Public Mobile Communications Services Based on Evolved Universal Terrestrial Radio Access (E-UTRA) Frequency Division Duplex (FDD) <i>Radiated only</i>
HKTA 1061, Issue 1 (May 2011)	Performance Specification for Short Range Devices Operating in the 433 MHz Band
HKTA 2011, Issue 6 (May 2010)	Network Connection Specification for Connection of Customer Premises Equipment (CPE) to Direct Exchange Lines (DEL) of the Public Switched Telephone Network (PSTN) in Hong Kong
HKTA 2014, Issue 5 (January 2008)	Network Connection Specification for Connection of Customer Premises Equipment (CPE) to the Public Telecommunications Network (PTN) in Hong Kong using ISDN Basic Rate Access (BRA) based on ITU-T Recommendations
HKTA 2015, Issue 5 (January 2008)	Network Connection Specification for Connection of Customer Premises Equipment (CPE) to the Public Telecommunications Network (PTN) in Hong Kong using ISDN Primary Rate Access (PRA) at 1544 kbit/s based on ITU-T Recommendations
HKTA 2028, Issue 3 (May 2010)	Network Connection Specification for Connection of Customer Premises Equipment (CPE) to the Public Telecommunications Network (PTN) in Hong Kong using Digital Leased Circuits at 1544 kbit/s
HKTA 2032, Issue 3 (April 2003)	Network Connection Specification for Connection of Customer Premises Equipment (CPE) to the Public Telecommunications Networks in Hong Kong using Asymmetric Digital Subscriber Lines (ADSL) based on ITU-T Recommendation G.992.2
HKTA 2033, Issue 2 (February 2003)	Network Connection Specification for Connection of Customer Premises Equipment (CPE) to Fixed Telecommunications Networks in Hong Kong using Splitterless Asymmetric Digital Subscriber Lines (ADSL) based on ITU-T Recommendation G.992.2
IMDA TS AR, Issue 1 (October 2016)	Telecommunications Standards Advisory Committee (TSAC)- Technical Specification for Amateur Radio Equipment



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IMDA TS CT-CTS, Issue 1 (October 2016)	Telecommunications Standards Advisory Committee (TSAC)- Technical Specification for Cordless Telephones and Telecommunications Systems
IMDA TS GMPCS, Issue 1 (October 2016)	Telecommunications Standards Advisory Committee (TSAC)- Technical Specification for Global Mobile Personal Communication Satellite (GMPCS) Terminals
IMDA TS LMR, Issue 1 (October 2016)	Telecommunications Standards Advisory Committee (TSAC)- Technical Specification for Land Mobile Radio Equipment
IMDA TS SRD, Issue 1 (October 2016)	Telecommunications Standards Advisory Committee (TSAC)- Technical Specification for Short Range Devices
IMDA TS SRD (April 2018)	Telecommunications Standards Advisory Committee (TSAC) - Technical Specification for Short Range Devices
IMDA TS UWB, Issue 1 (October 2016)	Telecommunications Standards Advisory Committee (TSAC)- Technical Specification for Ultra-Wideband (UWB) Devices
IMDA TS WBA, Issue 1 (October 2016)	Telecommunications Standards Advisory Committee (TSAC)- Technical Specification for Wireless Broadband Access Equipment
IS 2019 (2003, 2007)	1.6/2.4 GHz Satellite Personal Communications Networks (S-PCN) Mobile Earth Stations (MESs) Technical Specifications
IS2031-0 (2007)	Type I Telecommunications Business Point to Point Microwave Base Station RF Equipment Type Approval Technical Specifications
MIC Notice No. 2001-88 (October 10, 2001)	Technical Requirements for the Human Protection against Electromagnetic Waves
LP0002 (August 2016)	Low-power Radio-frequency Devices Technical Specifications
LP0002 (January 2018)	Low-power Radio-frequency Devices Technical Specifications
LP 0002 (June 2011)	Low-power Radio-frequency Devices Technical Specifications
MIC Article 2-1 Item (19)	Low power data communications system in the 2.4GHz band
MIC Article 2-1 Item (19)-2	Low power data communications system in the 2.4GHz band
MIC Article 2-1 Item (19)-3	Low power data communications system in the 5.2, 5.3 GHz band
MIC Article 2-1 Item (19)-3-2	Low power data communications system in the 5.6GHz band
Enforcement Decree of MSIT No. 1, Jul 26, 2017	Technical Requirements for Radio Equipment; Regulations on Radio Equipment (K only)
MSIT Public Notification 2017-10, Sep 1, 2017	Unlicensed Radio Equipment Established Without Notice; Korean Only



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NOM-121-SCT1-2009	Radio-Telecommunications-radio systems using spread spectrum technology - equipment radio frequency hopping and digital modulation operating in the bands 902-928 MHz, 2400-2483.5 MHz, & 5725-5850 MHz
PLMN04 (2007)	Trunked Radio Terminal Equipment Technical Specifications
PLMN05 (2007)	Mobile Data Radio Terminal Equipment Technical Specifications
QCVN 17 (2010): BTTTT	Transmitting equipment for the analogue television broadcasting service
QCVN 18 (2014): BTTTT	National technical regulation on General Electromagnetic Compatibility for Radio Communications Equipment
QCVN 54 (2011): BTTTT	Radio equipments operating in the 2.4 GHz band and using spread spectrum modulation techniques - Technical requirements
QCVN 55 (2011): BTTTT	Short Range Devices - Radio equipment in the frequency range 9 kHz to 25 MHz
QCVN 65 (2013): BTTTT	National Technical Regulation on Radio Access Equipment Operating in 5 GHz Band
QCVN 96 (2015): BTTTT	Technical regulation on electromagnetic compatibility for Short Range Devices (SRD) operating on frequencies between 9 kHz and 40 GHz
QCVN 112 (2017): BTTTT	National technical regulation on general electromagnetic compatibility for radio broadband data transmission equipment
Radio Protection Series No. 3	Maximum Exposure Level to RadioFrequency Fields - 3 kHz to 300 GHz/Australian Standards
RRA Notice 2014-2, K only (Feb. 4, 2014)	Technical Requirements for Measurement of Electromagnetic Field Strength, K only
RSS-102, Issue 5 (March 2015)	Radio Frequency (RF) Exposure Compliance of Radiocommunication Apparatus (All Frequency Bands) - NS; RF Exposure; SAR
SPR-002, Issue 1 (September 2016)	Supplementary Procedure for Assessing Compliance with RSS-102 Nerve Stimulation Exposure Limits
RSS-111, Issue 5 (September 2014)	Broadband Public Safety Equipment Operating in the Band 4940-4990 MHz
RSS-112, Issue 1 (February 2008)	Land Mobile and Fixed Equipment Operating in the Band 1670-1675 MHz
RSS-117, Issue 3 (January, 2016)	Land and Coast Station Transmitters Operating in the 200 - 535 kHz Band
RSS-117, Issue 2 (March 30, 1974)	Land and Coast Station Transmitters Using A1, A2, A3, A2H or A3H Emissions Operating in the 200 - 535 kHz Band
RSS-119, Issue 12 (May 2015)	Land Mobile and Fixed Equipment Operating in the Frequency Range 27.41-960 MHz
RSS-119, Issue 11 (June 2011)	Radio Transmitters and Receivers Operating in the Land Mobile and Fixed Services in the Frequency Range 27.41- 960 MHz



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RSS-123, Issue 3, (February 2015)	Licensed Low-Power Radio Apparatus
RSS-125 Issue 2, Revision 1 (March 25, 2000)	Land Mobile and Fixed Radio Transmitters and Receivers, 1.705 to 50.0 MHz, Primarily Amplitude Modulated
RSS-127, Issue 1 (August 2009)	Air-Ground Equipment Operating in the Bands 849-851 MHz and 894-896 MHz
RSS-130, Issue 1 (October 2013)	Mobile Broadband Services (MBS) Equipment Operating in the Frequency Bands 698-756 MHz and 777-787 MHz
RSS-131, Issue 3 (January 2017)	Zone Enhancers
RSS-131, Issue 3 (May 2017)	Zone Enhancers
RSS-131, Issue 2 (July 2003)	Zone Enhancers for the Land Mobile Service
RSS-132, Issue 3 (January 2013)	Cellular Telephones Employing New Technologies Operating in the Bands 824 - 849 MHz and 869 - 894 MHz
RSS-133, Issue 6 (January 2013) + Amendment (January 2018)	2 GHz Personal Communications Services
RSS-133, Issue 6 (January 2013)	2 GHz Personal Communications Services
RSS-134, Issue 2 (February 5, 2016)	900 MHz Narrowband Personal Communication Service
RSS-134, Issue 1, Rev. 1 (March 25, 2000)	900 MHz Narrowband Personal Communication Service
RSS-135, Issue 2 (June 2009)	Digital Scanner Receivers
RSS-137, Issue 2 (February 2009)	Location and Monitoring Service (902 - 928 MHz)
RSS-139, Issue 3 (July 2015)	Advanced Wireless Services (AWS) Equipment Operating in the Bands 1710-1780 MHz and 2110-2180 MHz
RSS-140, Issue 1 (April 2018)	Equipment Operating in the Public Safety Broadband Frequency Bands 758-768 MHz and 788-798 MHz
RSS-141, Issue 2 (June 2010)	Aeronautical Radiocommunication Equipment in the Frequency Band 117.975-137 MHz
RSS-142, Issue 5 (April 2013)	Narrowband Multipoint Communication Systems in the Band 1429.5-1432 MHz
RSS-170, Issue 3 (July 2015)	Mobile Earth Stations (MESs) and Ancillary Terrestrial Component (ATC) Equipment Operating in the Mobile-Satellite Service (MSS) Bands
RSS-181, Issue 1, (April 1, 1971) + Amendment (July 1987)	Coast and Ship Station Single Sideband Radiotelephone Transmitters and Receivers Operating in the 1,605 - 28,000 kHz Band
RSS-182 Issue 5 (January 2012)	Maritime Radio Transmitters and Receivers in the Band 156 - 162.5 MHz



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RSS-191, Issue 3 (April 2008)	Local Multipoint Communication Systems in the 28 GHz Band; Point-to-Point and Point-to-Multipoint Broadband Communication Systems in the 24 GHz and 38 GHz Bands
RSS-192, Issue 3 (January 2008)	Fixed Wireless Access Systems in the Band 3450 - 3650 MHz
RSS-194, Issue 1 (October 2007)	Fixed Wireless Access Equipment Operating in the Band 953-960 MHz
RSS-195, Issue 2 (April 2014)	Wireless Communication Service (WCS) Equipment Operating in the Bands 2305-2320 MHz and 2345-2360 MHz
RSS-196, Issue 1 (March 2010)	Point-to-Multipoint Broadband Equipment Operating in the Bands 512-608 MHz and 614-698 MHz for Rural Remote Broadband Systems (RRBS) (TV Channels 21 to 51)
RSS-197, Issue 1 (February 2010)	Wireless Broadband Access Equipment Operating in the Band 3650-3700 MHz
RSS-199, Issue 2 (October 2014)	Broadband Radio Service (BRS) Equipment Operating in the Band 2500-2690 MHz
RSS-199, Issue 3 (December 2016)	Broadband Radio Service (BRS) Equipment Operating in the Band 2500-2690 MHz
RSS-210, Issue 8 (December 2010) + A1 (February 2015)	Licence-exempt Radio Apparatus (All Frequency Bands): Category I Equipment
RSS-210, Issue 9 (August 2016) + A1 (November 2017)	Licence-Exempt Radio Apparatus: Category I Equipment
RSS-210, Issue 9 (August 2016)	Licence-Exempt Radio Apparatus: Category I Equipment
RSS-210, Issue 8 (December 2010)	Licence-exempt Radio Apparatus (All Frequency Bands): Category I Equipment
RSS-211, Issue 1 (March 2015)	Level Probing Radar Equipment
RSS-213, Issue 3 (March 2015)	2 GHz Licence-Exempt Personal Communications Services (LE-PCS) Devices
RSS-215, Issue 2 (June 2009)	Analogue Scanner Receivers
RSS-216, Issue 2 (January 20, 2016)	Wireless Power Transfer Devices
RSS-220, Issue 1 (March 2009) + A1 (July 2018)	Devices using Ultra-Wideband (UWB) Technology
RSS-220, Issue 1 (March 2009)	Devices using Ultra-Wideband (UWB) Technology
RSS-222, Issue 1 (February 2015)	White Space Devices (WSDs)
RSS-236, Issue 1 (September 2012)	General Radio Service Equipment Operating in the Band 26.960 to 27.410 MHz (Citizens Band)
RSS:238, Issue 1 (July 2013)	Shipborne Radar in the 2900-3100 MHz and 9225-9500 MHz Bands
RSS-243, Issue 3, (February 2010)	Medical Devices Operating in the 401-406 MHz Frequency Band





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Table with 2 columns: Reference (e.g., RSS-244, Issue 1) and Description (e.g., Medical Devices Operating in the Band 413-457 MHz)

RF Exposure

Designation

Description

Table with 2 columns: Designation (e.g., SAR, FCC KDB 447498 D02) and Description (e.g., Location(s), SAR Measurement Procedures)

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EN 50360 (2001) +A1 (2012)	Product standard to demonstrate the compliance of mobile phones with the basic restrictions related to human exposure to electromagnetic fields (300 MHz - 3 GHz)
EN 50364 (2010)	Limitation of human exposure to electromagnetic fields from devices operating in the frequency range 0 Hz to 300 GHz, used in electronic article surveillance (EAS), radio frequency identification (RFID) and similar applications
EN 50383 (2002)	Basic Standard for the calculation and measurement of electromagnetic field strength and SAR related to human exposure from radio base stations and fixed terminal stations for wireless telecommunication system (110 MHz - 40 GHz)
EN 50383 (2010)	Basic Standard for the calculation and measurement of electromagnetic field strength and SAR related to human exposure from radio base stations and fixed terminal stations for wireless telecommunication system (110 MHz - 40 GHz)
EN 50383 (2010) / AC (2013)	Basic Standard for the calculation and measurement of electromagnetic field strength and SAR related to human exposure from radio base stations and fixed terminal stations for wireless telecommunication system (110 MHz - 40 GHz)  <i>(110 MHz - 40 GHz)</i>
EN 50566 (2013)	Radio Frequency Fields From Handheld And Body-Mounted Wireless Communication Devices Used By The General Public (30 Mhz - 6 Ghz)
EN 50566 (2017)	Product standard to demonstrate the compliance of wireless communication devices with the basic restrictions and exposure limit values related to human exposure to electromagnetic fields in the frequency range from 30 MHz to 6 GHz: hand-held and body mounted devices in close proximity to the human body
EN 60215 (1989) and IEC 215 (1987)+ A1 (1992) + A2 (1994)	Safety requirements for radio transmitting equipment
IEC 62209-1 Edition 2.0 (2016-07)	Measurement procedure for the assessment of specific absorption rate of human exposure to radio frequency fields from hand-held and body-mounted wireless communication devices - Part 1: Devices used next to the ear (Frequency range of 300 MHz to 6 GHz)
EN 62209-1 (2016)	Measurement procedure for the assessment of specific absorption rate of human exposure to radio frequency fields from hand-held and body-mounted wireless communication devices. Devices used next to the ear (Frequency range of 300 MHz to 6 GHz)
IEC 62209-1 (Feb 2005)	Human Exposure to RF Fields from hand-held and body-mounted wireless communication devices - Human models, instrumentation, and procedures - Part 1: Procedure to measure the Specific Absorption Rate (SAR) for hand-held mobile wireless devic
EN 62209-1 (2006)	Human Exposure to RF Fields from hand-held and body-mounted wireless communication devices - Human models, instrumentation, and procedures-Part 1: Procedure to measure the Specific Absorption Rate (SAR) for hand-held mobile wireless devices
BS EN 62209-2 (2010-08)	Human exposure to RF fields from hand-held and body-mounted wireless devices - Human models, instrumentation, and procedures - Part 2: specific absorption rate (SAR) for wireless communication devices (30 MHz - 6 GHz)



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IEC 62209-2 Ed. 1.0 (2010-03)	Human exposure to RF fields from hand-held and body-mounted wireless devices - Human models, instrumentation, and procedures - Part 2: specific absorption rate (SAR) for wireless communication devices (30 MHz - 6 GHz)
IEC 62233 (2005-10)	Measurement methods for electromagnetic fields of household appliances and similar apparatus with regard to human exposure
EN 62233 (2008)	Measurement methods for electromagnetic fields of household appliances and similar apparatus with regard to human exposure
EN 62311 (2008)	Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz - 300 GHz)
EN 62369-1 (2009)	Evaluation of human exposure to electromagnetic fields from short range devices (SRDs) in various applications over the frequency range 0 GHz to 300 GHz. - Part 1.
EN 62479 (2010-12)	Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)
IEC 62479:2010	Assessment of the compliance of low-power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)
FCC KDB 865664 D01 (August 7, 2015)	SAR MEASUREMENT REQUIREMENTS FOR 100 MHz TO 6 GHz
ACA Standard 2014	Radiocommunications (Electromagnetic Radiation - Human Exposure) Standard 2014
CNS 14958-1 (2005)	Human Exposure to RF Fields from hand-held and body-mounted wireless communication devices - Human models, instrumentation, and procedures-Part 1: Procedure to measure the Specific Absorption Rate (SAR) for hand-held mobile wireless devices
IEEE 1528:2013	Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques; FCC requirements for RF Exposure- Devices subject to SAR requirements
H46-2/99-273E	Limits of Human Exposure to Radiofrequency Electromagnetic Fields in the Frequency Range From 3 kHz to 300 GHz - Safety Code 6 (Canada)
IEEE Std C95.1 (2005)	IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz
IEEE Std C95.1 (2005) + A1 (2010)	IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz
IEEE Std C95.3 (2002) + Rev. (2008)	IEEE Recommended Practice for Measurements and Computations of Radio Frequency Electromagnetic Fields With Respect to Human Exposure to Such Fields, 100 kHz - 300 GHz

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IEEE Std C95.3 (2002)	IEEE Recommended Practice for Measurements and Computations of Radio Frequency Electromagnetic Fields With Respect to Human Exposure to Such Fields, 100 kHz - 300 GHz
IEEE Std 1528 (2003)	IEEE Recommended Practice for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques
IEEE Standard 1528a (2005)	IEEE Recommended Practice for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Amendment 1.
MSIP Public Notification 2015-18 (Mar 25, 2015); K only	Technical Requirements for the Human Protection against Electromagnetic Waves; Korean only
MSIP Public Notification 2016-66 (Jun 23, 2016)	Equipment to be subject of Test Procedure for Electromagnetic Field Strength and Specific Absorption Rate- Korean only
OET Bulletin 65, Edition 97-01 (August 1997)	Evaluating Compliance with FCC Guidelines for Human Exposure to Radiofrequency Electromagnetic Field
RRA Public Notification 2015-23 (Nov. 18 2015)	Technical Requirements for Measurement and Test Procedure of Specific Absorption Rate; Korea only

### Telecommunications

#### Designation

ETSI ES 203 021-1 V2.1.1 (2005-08)

ETSI ES 203 021-2, V2.1.2 (2006-01)

ETSI ES 203 021-3, V2.1.2 (2006-01)

EN 300 127 v1.2.1 (1999-04)

ETS 300 132-1 (September 1996)

ETSI EN 300 132-2 v2.1.2 (2003-09)

ETSI EN 300 386 V1.5.1 (2010-10)

#### Description

Access and Terminals (AT); Harmonized basic attachment requirements for Terminals for connection to analogue interfaces of the Telephone Networks; Part 1 - General aspects

Access and Terminals (AT); Harmonized basic attachment requirements for Terminals for connection to analogue interfaces of the Telephone Networks; Part 2: Basic transmission and protection of the network from harm

Access and Terminals (AT); Harmonized basic attachment requirements for Terminals for connection to analogue interfaces of the Telephone Networks; Part 3 - Basic Interworking with the Public Telephone Networks

Electromagnetic compatibility and Radio spectrum Matters (ERM); Radiated emission testing of physically large telecommunication systems

Equipment Engineering (EE); Power supply interface at the input to telecommunications equipment; Part 1: Operated by alternating current (ac) derived from direct current (dc) sources

Environmental Engineering (EE); Power supply interface at the input to telecommunications equipment; Part 2: Operated by direct current (dc)

Electromagnetic compatibility and Radio spectrum Matters (ERM); Telecommunication network equipment; ElectroMagnetic Compatibility (EMC) requirements



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ETSI EN 300 386 V1.6.1 (2012-09)	Electromagnetic compatibility and Radio spectrum Matters (ERM); Telecommunication network equipment; ElectroMagnetic Compatibility (EMC) requirements
ANSI/TIA/EIA-603-D (2010)	TIA Standard: Land Mobile FM or PM Communications Equipment - Measurement and Performance Standard
FCC KDB 971168 (October 17, 2014)	MEASUREMENT GUIDANCE FOR CERTIFICATION OF LICENSED DIGITAL TRANSMITTERS
ANSI/TIA-968-B (2009-08)	Telephone Terminal Equipment, Technical Requirements for Connection of Terminal Equipment to the Telephone Network
ANSI/TIA-968-B-2 (2015-01)	Telecommunications Telephone Terminal Equipment Technical Requirements for Connection of Terminal Equipment to the Telephone Network- Addendum 2
ANSI/TIA-968-B-3 (2016-03)	Telecommunications Telephone Terminal Equipment Technical Requirements for Connection of Terminal Equipment to the Telephone Network- Addendum 3
AS/CA S002 (2010)	Analogue interworking and non-interference requirements for Customer Equipment for connection to the Public Switched Telephone Network
AS/CA S002 (2010) + A1 (2012)	Analogue interworking and non-interference requirements for Customer Equipment for connection to the Public Switched Telephone Network
AS/CA S003.1 (2010) +A1 (2012)	Telecommunications Technical Standard (Requirements for Customer Access Equipment for connection to Telecommunications Network - Part 1: General
AS/CA S003.1 (2010)	Telecommunications Technical Standard (Requirements for Customer Access Equipment for connection to Telecommunications Network - Part 1: General
AS/CA S003.2 (2010)	Telecommunications Technical Standard (Requirements for Customer Access Equipment for connection to Telecommunications Network - Part 2: Analogue and TDM based technologies
AS/ACIF S016 (2001)	Requirements for Customer Equipment for connection to hierarchical digital interfaces
AS/ACIF S031 (2001)	Requirements for ISDN Basic Access Interface
AS/ACIF S038 (2001)	Requirements for ISDN Primary Rate Access Interface
AS/ACIF S041.1 (2009)	Requirements for DSL Customer Equipment for connection to the Public Switched Telecommunications Network - Part 1: General
AS/ACIF S041.2 (2009)	Requirements for DSL Customer Equipment for connection to the Public Switched Telecommunications Network - Part 2: Modems for use in connection with all DSL services
AS/ACIF S043.1 (2003)	Requirements for Customer Equipment for connection to a metallic local loop interface of a Telecommunications Network - Part 1: General
AS/ACIF S043.2 (2008) +A1 (2012)	Requirements for Customer Equipment for connection to a metallic local loop interface of a Telecommunications Network - Part 2: Broadband





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AS/ACIF S043.2 (2008)	Requirements for Customer Equipment for connection to a metallic local loop interface of a Telecommunications Network - Part 2: Broadband
AS/ACIF S043.3 (2008)	Requirements for Customer Equipment for connection to a metallic local loop interface of a Telecommunications Network - Part 3: DC, low frequency AC and voiceband
ISED CS-03, Issue 9 (2015)	Compliance Specification for Terminal Equipment, Terminal Systems, Network Protection Devices, Connection Arrangements and Hearing Aids Compatibility
ISED CS-03, Issue 9 Amendment 5 (2012)	Compliance Specification for Terminal Equipment, Terminal Systems, Network Protection Devices, Connection Arrangements and Hearing Aids Compatibility
ISED CS-03, Part 1, Issue 9, Amendment 5 (2016)	Requirements for Terminal Equipment (TE) and Related Access Arrangements Intended for Direct Connection to Analog Wireline Facilities
ISED CS-03, Part 1, Issue 9, Amendment 4 (2010)	Analogue Terminal Equipment (TE)
ISED CS-03, Part II, Issue 9, Amendment 1 (2012)	Digital TE intended for connection to 1.544 Mbps (DS-1) digital facilities
ISED CS-03, Part III, Issue 9 +A1 (August 2013)	Acceptable Methods of Connection for Single Line and Multi-Line Terminal Equipment
ISED CS-03 Part III, Issue 9, November 2004	Acceptable Methods of Connection for Single Line and Multi-Line Terminal Equipment
ISED CS-03, Part VIII, Issue 9, Amendment 5 (2016)	Requirements and Tests Methods for Digital Subscriber Line (xDSL) Terminal Equipment
ISED CS-03, Part VIII, Issue 9, Amendment 4 (2009)	Requirements and Test Methods for Digital Subscriber Line (xDSL) TE
DGT ID 0002 (2007)	DS1 Terminal Equipment Technical Specifications
DGT IS 6100 (2007)	ISDN CPE Type Approval Guidelines
PSTN01 (2007)	Technical Specifications for Terminal Equipment for Connection to Public Switched Telephone Network
TIA/EIA 603-D (2010) with 47 CFR FCC Part 2	Commercial Mobile Services in 47 CFR FCC Part 20
FCC KDB 935210 D05 (February 12, 2016)	Signal Boosters (Part 20)- Measurements Guidance for Industrial and Non-consumer Signal Booster, Repeater, and Amplifier Devices- Industry Booster Basic Measurements v01r01
FCC KDB 935210 D04 (February 12, 2016)	Signal Boosters (Part 20)- Wideband Consumer Signal Booster Compliance Measurement Guidance- Provider Specific Booster Measurements v02
FCC KDB 935210 D03 (February 12, 2016)	Signal Boosters (Part 20)- Wideband Consumer Signal Booster Compliance Measurement Guidance- Signal Booster Measurements v04



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TIA/EIA 603-D (2010) with 47 CFR FCC Part 2	International Fixed Public Radiocommunication Services in 47 CFR FCC Part 23
TIA/EIA 603-C (2004) with 47 CFR Part 2	International Fixed Public Radiocommunication Services in 47 CFR Part 23
47 CFR FCC Part 68	Terminal Equipment Network Protection Standards - Analog and Digital
TIA/EIA 603-D (2010) with 47 CFR Part 2	General Mobile Radio Services in 47 CFR Part 90 (non-microwave)
ANSI/TIA 603-D (2010) and TIA-102.CAAA-D with 47 CFR FCC Part 2	Citizens Broadband Radio Services in 47 CFR FCC Part 96
TIA/EIA 603-D (2010) with 47 CFR FCC Part 2	Amateur Radio Service in 47 CFR FCC Part 97
ANSI/TIA 603-D (2010) and TIA-102.CAAA-D with 47 CFR FCC Part 2	Broadcast Radio Services in 47 CFR Parts FCC 73 and 74 (non-microwave)
TIA/EIA 603-D (2010) with 47 CFR FCC Part 2	Commercial Mobile Services in 47 CFR FCC Parts 22 (cellular), 24, 25 (non-microwave) and 27 <i>Excludes Part 26</i>
ANSI/TIA 603-D (2010) and TIA-102.CAAA-D with 47 CFR FCC Part 2	Commercial Mobile Services in 47 CFR FCC Parts 22 (cellular), 24, 25 (non-microwave), and 27
TIA/EIA 603-D (2010) with 47 CFR FCC Part 2	General Mobile Radio Services in 47 CFR FCC Parts 22 (non-cellular), 90 (non-microwave), 95, and 97
ANSI/TIA 603-D (2010) and TIA-102.CAAA-D with 47 CFR FCC Part 2	General Mobile Radio Services in 47 CFR FCC Parts 22 (non-cellular), 90 (non-microwave), 95, 97 and 101 (non-microwave)
TIA/EIA 603-C (2004) with 47 CFR Part 2	General Mobile Radio Services in 47 CFR Parts 22 (non-cellular), 74, 90, 95, and 97
ANSI/TIA 603-D (2010) with 47 CFR FCC Part 2	Maritime and Aviation Radio Services in 47 CFR FCC Parts 80 and 87
TIA/EIA 603-C (2004) with 47 CFR Part 2	Maritime and Aviation Radio Services in 47 CFR Parts 80 and 87
ANSI/TIA 603-D (2010) and TIA-102.CAAA-D with 47 CFR FCC Part 2	Microwave and Millimeter Bands Radio Services in 47 CFR FCC Parts 25, 74, 90 (90Y, 90Z, DSRC) and 101
TIA/EIA 603-D (2010) with 47 CFR FCC Part 2	Microwave Radio Services in 47 CFR FCC Parts 27, 74, and 101



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TIA/EIA 603-C (2004) with 47 CFR Part 2	Microwave Radio Services in 47 CFR Parts 21, 27, 74, and 101
TIA/EIA 603-C (2004) with 47 CFR FCC Part 2	Personal Mobile Radio Services in 47 CFR FCC Parts 22 (cellular), 24, 25, 26, and 27
ITU-T K.20 (04/2015) Series K	Resistibility of telecommunication equipment installed in a telecommunications centre to overvoltages and overcurrents
MIC Notice No. 2003-41 (September 2, 2003)	Technical Requirements for CATV Equipment
NOM-084-SCT1-2002	Specifications-Radio-Telecommunications techniques in transmitting apparatus intended for specialized mobile radio fleet; Sections: 5.1-5.5
ETSI TBR 12 (December 1993) + A1 (January 1996)	Business TeleCommunications (BTC); Open Network Provision (ONP) technical requirements; 2,048 kbit/s digital unstructured leased line (D2048U); Attachment requirements for terminal equipment interface
ETSI TBR 013 (January 1996)	Business TeleCommunications (BTC); 2,048 kbits/s digital structured leased lines (D2048S); Attachment requirements for terminal equipment interface
ETSI TBR 21 (January 1998)	Terminal Equipment; Attachment requirements for pan-European approval for connection to the analogue PSTNs of TE (excluding TE supporting the voice telephony service) in which network addressing, if provided, is by means of DTMF signalling
ETSI TBR 003 (November 1995) + A1 (June 1997)	Integrated Services Digital Network (ISDN); Attachment requirements for terminal equipment to connect to an ISDN using ISDN basic access
ETSI TBR 003 (November 1995)	Integrated Services Digital Network (ISDN); Attachment requirements for terminal equipment to connect to an ISDN using ISDN basic access
ETSI TBR 004 (November 1995)	Integrated Services Digital Network (ISDN); Attachment requirements for terminal equipment to connect to an ISDN using ISDN primary rate access
ETSI TBR 004 (November 1995) +A1 (December 1997)	Integrated Services Digital Network (ISDN); Attachment requirements for terminal equipment to connect to an ISDN using ISDN primary rate access
ETSI TBR 12 (December 1993)	Business TeleCommunications (BTC); Open Network Provision (ONP) technical requirements; 2,048 kbit/s digital unstructured leased line (D2048U); Attachment requirements for terminal equipment interface
ETSI TBR 024 (July 1997)	Business TeleCommunications (BTC); 34 Mbit/s digital unstructured and structured leased lines (D34U and D34S); Attachment requirements for terminal equipment interface
TIA/EIA TSB-31-B (1998)	Part 68 Rational and Measurement Guidelines
TIA-968-B-1	Telecommunications Telephone Terminal Equipment Technical Requirements for Connection of Terminal Equipment to the Telephone Network-Addendum 1