



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

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**ELECTROMAGNETIC
COMPATIBILITY &
TELECOMMUNICATIONS**

NVLAP LAB CODE 200676-0

Emissions

Designation

Description

EN 12895 (2015)

Industrial trucks - Electromagnetic compatibility

KN 301 489-3 (Annex 8-8) w/ RRA
Announce 2013-24 (6/17/13)

Test Method for Electromagnetic Interference; With KN 301 489-03 (Annex 8-8) Korean
Only

KN 301 489-07 (Annex 8-2); RRA
Announce 2013-24, (Jun 17, 2013)

Test Method for Electromagnetic Interference (RRA Announce 2013-24, (June 17, 2013)
K only

KN 301 489-17 (Annex 8-3) w/
RRA Announce 2013-24 (6/17/13)

Test Method for Electromagnetic Interference; With KN 301 489-17 (Annex 8-3) Korean
Only

KN 301 489-24 (Annex 8-4) w/
RRA Announce 2013-24 (6/17/13)

Test Method for Electromagnetic Interference; With KN 301 489-24 (Annex 8-4) Korean
Only

KN 301 489-27 (Annex 8-14) w/
RRA Announce 2013-24 (6/17/13)

Test Method for Electromagnetic Interference; With KN 301 489-24 (Annex 8-14) Korean
Only

EN 50270 (2015)

Electromagnetic Compatibility - Electrical Apparatus For The Detection And
Measurement Of Combustible Gases, Toxic Gases Or Oxygen

EN 55011 (2009) + A1 (2010)

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

For the National Voluntary Laboratory Accreditation Program

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BS EN 55013 (2013) + A1 (2016)	Sound and television broadcast receivers and associated equipment. Radio disturbance characteristics. Limits and methods of measurement
EN 55014-1 (2006)	Electromagnetic Compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 1: Emission
EN 55014-1 (2006) +A1 (2009) +A2 (2011)	Electromagnetic Compatibility Requirements for household appliances, electric tools and similar apparatus - Part 1: Emissions
EN 55015 (2013)	Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment
BS EN 55015 (2006) + A2 (2009)	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 55032 (2015) + AC (2016)	Electromagnetic compatibility of multimedia equipment - Emission Requirements
EN 55032 (2012-05)	Electromagnetic compatibility of multimedia equipment. Emission requirements
EN 55103-1 (2009) + A1 (2012)	Electromagnetic compatibility - Product family standard for audio, video, audio-visual and entertainment lighting control apparatus for professional use - Part 1: Emission
IEC 60255-26 (2013-05)	Measuring relays and protection equipment - Part 26: Electromagnetic compatibility requirements
IEC 61000-3-2, Ed. 4.0 (2014-05)	Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current \leq 16 A per phase)
IEC 61000-3-2 (2018)	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)
KN 61000-3-2 (Annex 1-11); RRA 2014-37 (Sept. 23, 2014)	Test Method for Electromagnetic Interference; Korean only
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)
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)
EN 61000-3-2 (2006)	Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current up to and including 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 16A per phase)

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KN 61000-3-3 (Annex 1-12); RRA 2014-37 (Sept. 23, 2014)	Test Methods for Electromagnetic Interference; Korean only
IEC 61000-3-3 (2013) + A1 (2017)	Electromagnetic compatibility (EMC) - Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection
EN 61000-3-3, Ed. 2.0 (2008-09)	EMC- Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low- voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection
EN 61000-3-3 (2013)	EMC- Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low- voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection
IEC 61000-3-3 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 ≤ 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
KN 61000-3-11 (Annex 1-12); RRA 2014-37 (Sept. 23, 2014)	Test Methods for Electromagnetic Interference; Korean only
IEC 61000-3-11 (2017)	Electromagnetic compatibility (EMC) - Part 3-11: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems - Equipment with rated current ≤ 75 A and subject to conditional connection
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 ≤ 75 A and subject to conditional connection
KN 61000-3-12 (Annex 1-11); RRA 2014-37 (Sept 23, 2014)	Test Methods for Electromagnetic Interference; Korean only
IEC 61000-3-12 Ed. 2.0 (2011)	Electromagnetic compatibility (EMC) - Part 3-12: Limits - Limits for harmonic currents produced by equipment connected to public low-voltage systems with input current >16 A and ≤ 75 A per phase
EN 61000-3-12 (2011)	Electromagnetic Compatibility (EMC) - PART 3-12: Limits for harmonic currents produced by equipment connected to public low-voltage systems with input current greater than 16A and less than or equal to 75A
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
EN 61000-6-3 (2007) + A1 (2011)	Electromagnetic compatibility (EMC). Generic standards. Emission standard for residential, commercial and light-industrial environments
KN 61000-6-3 (Annex 14) with RRA Announce 2013-24 (6/17/13)	Test Method for Electromagnetic Interference; With KN 61000-6-3 (Annex 14) Korean Only

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IEC 61000-6-4 (2018)	Electromagnetic Compatibility (EMC) - Part 6-4: Generic Standards - Emission Standard for Industrial Environments
IEC 61000-6-4 (2006) +A1 (2010)	Electromagnetic compatibility (EMC) - Part 6-4: Generic standards - Emission standard for industrial environments
EN 61000-6-4 (2007) + A1 (2011)	Electromagnetic compatibility (EMC) - Part 6-4: Generic standards - Emission standard for industrial environments
KN 61000-6-4 (Annex 15) with RRA Anounce 2013-24 (6/17/2013)	Test Method for Electromagnetic Interference; With KN 61000-6-4 (Annex 15) Korean Only
IEC 61131-2 (2017) Sec. 7.2	Industrial-process Measurement and Control - Programmable Controllers - Part 2: Equipment Requirements and Tests
EN 61131-2 (2008)	Programmable controllers. Equipment requirements and tests
IEC 61326-1 Ed. 2.0 (2012)	Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 1: General requirements
EN 61326-2-1 (2013)	EMC requirements. Particular requirements. Test configurations, operational conditions and performance criteria for EMC unprotected applications
EN 61326-2-2 (2013)	EMC requirements. Particular requirements. Test configurations, operational conditions and performance criteria for portable test, measuring and monitoring equipment used in low-voltage distribution systems
EN 61326-2-3 (2013)	Electrical equipment for measurement, control and laboratory use. EMC requirements - Part 2-3: Particular requirements -Test configuration, operational conditions and performance criteria for transducers with integrated or remote signal conditioning
EN 61326-2-6 (2013)	Electrical equipment for measurement, control and laboratory use. EMC requirementsParticular requirements. In vitro diagnostic (IVD) medical equipment
IEC 62040-2 (2016)	Uninterruptible power systems (UPS) - Part 2: Electromagnetic compatibility (EMC) requirements
EN 62040-2 (2006)	Uninterruptible power systems (UPS) - Part 2: Electromagnetic compatibility (EMC) requirements
TCVN 7189:2009 (CISPR 22:2006)	Information Technology Equipment-Radio disturbance characteristics - Limits and methods of measurement
CNS 13438 (2006) (up to 6GHz)	Limits and Methods of Measurement of Radio Interference Characteristics of Information Technology Equipment
CNS 14757-2 (1992-07)	Uninterruptible power systems (UPS) - Part 2: Electromagnetic Compatibility (EMC) requirements
ANSI C63.10 (2013)	American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices

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ANSI C63.26 (2015)	American National Standard for Compliance Testing of Transmitters Used in Licensed Radio Services
ANSI C63.26 (2015)	General Mobile Radio Services (FCC Licensed Radio Service Equipment) in 47 CFR FCC Parts 22(non-cellular), 90 (below 3 GHz), 95, 97 (below 3 GHz), and 101 (below 3 GHz)
IEC/CISPR 11 Ed. 6.0 (2015)	Industrial, scientific and medical equipment - Radio-frequency disturbance characteristics - Limits and methods of measurement
AS CISPR 11 (2017)	Industrial, scientific and medical equipment—Radio-frequency disturbance characteristics—Limits and methods of measurement (CISPR 11:2015 +AMD1:2016 (ED.6.1) MOD)
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
IEC/CISPR 11, Ed. 4.1 (2004-06) + A2 (2006)	Industrial, scientific and medical (ISM) radio frequency equipment - Electromagnetic disturbance characteristics - Limits and methods of measurement
IEC/CISPR 11 Ed 5 (2009-05) + A1 (2010)	Industrial, scientific and medical equipment - Radio-frequency disturbance characteristics - Limits and methods of measurement
AS/NZS CISPR 12 (2013)	Vehicles, boats and internal combustion engines - Radio disturbance characteristics - Limits and methods of measurement for the protection of off-board receivers
IEC/CISPR 13 (2001-04), EN 55013 (2001), AS/NZS CISPR 13 (2003), and CNS 13439 (2001)	Sound and television broadcast receivers and associated equipment - Radio disturbance characteristics - Limits and methods of measurement
CISPR 13, Edition 4.2 (2006-03)	Sound and broadcast receivers and associated equipment - Radio disturbance characteristics - Limits and methods of measurement
IEC/CISPR 13, Ed. 5.0 (2009-06)	Sound and television broadcast receivers and associated equipment - Radio 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, Ed. 5.0 (2005)	Electromagnetic Compatibility - Requirements for Household Appliances, Electric Tools and Similar Apparatus - Part 1: Emission
IEC/CISPR 14-1, Ed. 5.0 (2005) + A1 (2008) + A2 (2011)	Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 1: Emission
IEC CISPR 15 (2018)	Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment
CISPR 15 (2009)	Limits and methods of measurements of radio disturbance characteristics of electrical lighting and similar equipment



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IEC/CISPR 22 Ed. 6.0 (2008-09)	Limits and Methods of Measurement of Radio Disturbance Characteristics of Information Technology Equipment
AS/NZS CISPR 22 (2009) +A1 (2010)	Information technology equipment - Radio disturbance characteristics - Limits and methods of measurement
AS/NZS CISPR 32 (2015)	Electromagnetic compatibility of multimedia equipment - Emission requirements
CISPR 32 (2015)	Electromagnetic compatibility of multimedia equipment - Emission requirements
ANSI C63.4 (2014)	Unintentional Radiators in 47 CFR FCC Part 15, Subpart B
ANSI C63.10 (2013)	Intentional Radiators in 47 CFR FCC Part 15, Subpart C
ANSI C63.10 (2013)	Unlicensed National Information Infrastructure Devices without DFS Intentional Radiators in 47 CFR FCC 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 (August 22, 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 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
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.
ANSI C63.10 (2013)	Ultra-Wideband Operation Intentional Radiators in 47 CFR FCC Part 15, Subpart F
ANSI C63.10 (2013)	Access Broadband Over Power Line (Access BPL) Intentional Radiators in 47 CFR FCC Part 15, Subpart G
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-002 Issue 6, A1 (Mar 2013)	Vehicles, Boats and Other Devices Propelled by an Internal Combustion Engine, Electrical Means or Both; Includes updates on e-labelling (Nov 2014) and diesel engine transition period (Feb 2017)
ICES-003 Issue 6 (2016)	Information Technology Equipment (ITE) - Limits and methods of measurement
ICES-005 Issue 4 (Dec 2015)	Radio Frequency Lighting Devices



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ICES-006 Issue 2 (2009)	AC Wire Carrier Current Devices (Unintentional Radiators)
KN 11 (Annex 2) with RRA Announce 2013-24 (June 17, 2013)	Test Method for Electromagnetic Interference; With KN 11 (Annex 2) Korean Only
KN 14-1 (Annex 4) with RRA Announce 2013-24 (Jun. 17 2013)	Test Methods for Electromagnetic Interference (RRA Announce 2013-24, June 17, 2013) Korean only
KN 22 (Annex 5) with RRA Announce 2013-24 (June 17, 2013)	Test Method for Electromagnetic Interference (RRA Announce 2013-24, June 17, 2013) Korean only
KN 32:2015 (Annex 11)	Test Methods of radio disturbance for multimedia equipment
QCVN 118 (2018): BTTTT	National technical regulation on Electromagnetic compatibility of multimedia equipment - Emission requirements
RRA Public Notification 2011-24 (Dec. 23, 2011)	Technical Requirements for Electromagnetic Interference; Korea only
RRA 2013-3 and 2013-24, June 17, 2013, Korean only	Technical Requirements and Test Methods for Electromagnetic Interference; K only (See specific Annexes listed on scope)
RRA Announce 2013-24, June 17, 2013;Korean only	Test Methods for Electromagnetic Interference using KN 16-1-1, KN 16-1-2, KN 16-1-3, KN 16-1-4, KN 16-1-5, KN 16-2-1, KN 16-2-2, KN 16-2-3, KN 16-2-4 (2008-05)
RRA 2014-8 and RRA 2014-37 (June 23, 2014)	Technical Requirements and Test Methods for Electromagnetic Interference; K only (See specific Annexes listed on scope)
RRA Public Notification 2015-27 (Dec. 03 2015)	Technical Requirements for Electromagnetic Compatibility; Korea only
RRA Announce 2015-110 (Dec. 3, 2015)	Test Methods for Electromagnetic Compatibility; Korea only
RRA Public Notification 2016-26 (Dec.19 2016)	Technical Requirements for Electromagnetic Compatibility; Korea only
RRA Announce 2016-79 (Dec.19 2016)	Test Methods for Electromagnetic Compatibility
RRA Public Notification 2017-19 (Dec. 28, 2017)	Technical Requirements for Electromagnetic Compatibility, Korean only
RRA Announce 2017-71 (Dec. 28, 2017)	Test Methods for Electromagnetic Compatibility, Korean (See specific annexes listed on scope)
SI 961 part 6.1	Electromagnetic compatibility: Information technology equipment - Radio frequency interference characteristics-Limits and methods of measurements
VCCI-CISPR 32 (Nov 2016)	Agreement of VCCI Council - Technical Requirements: VCCI-CISPR 32:2016 (including radiated disturbance above 1 GHz)

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Agreement of VCCI V-3 (2015.04)

Agreement of VCCI Council - Technical Requirements: V-3/2015.04 (including radiated disturbance above 1 GHz)

Agreement of VCCI V-3 (2014.04)

Agreement of VCCI Council - Technical Requirements: V-3/2014.04 (including radiated disturbance above 1 GHz)

Immunity

Designation

Description

ISO 14117 (2012) Sec. 4

Active implantable medical devices - Electromagnetic compatibility - EMC test protocols for implantable cardiac pacemakers, implantable cardioverter defibrillators and cardiac resynchronization devices

ISO 14708-3 (2008); Clause 24 - ESD

Implants for surgery -- Active implantable medical devices -- Part 3: Implantable neurostimulators - Clause 24 ESD

ISO 14708-3 (2017) Sec. 27

Implants for surgery - Active implantable medical devices - Part 3: Implantable neurostimulators

KN 301 489-01 (Annex 8-1);RRA Announce 2012-22(Jun. 28,2012)

Test Method for Electromagnetic Susceptibility (RRA Announce 2012-22, June 28, 2012) K only

KN 301 489-1 (Annex 8-1) w/ RRA Announce 2013-25 (6/17/13)

Test Method for Electromagnetic Susceptibility; With KN 301 489-1 (Annex 8-1) Korean Only

KN 301 489-03 (Annex 8-8); RRA Announce 2013-25(Jun.17,2013)

Test Method for Electromagnetic Susceptibility (RRA Announce 2013-25, June 17, 2013) K only

KN 301 489-7 (Annex 8-2) w/ RRA Announce 2013-25 (6/17/13)

Test Method for Electromagnetic Susceptibility; With KN 301 489-7 (Annex 8-2) Korean Only

KN 301 489-17 (Annex 8-3) w/ RRA Announce 2013-25 (6/17/13)

Test Method for Electromagnetic Susceptibility; With KN 301 489-17 (Annex 8-3) Korean Only

KN 301 489-24 (Annex 8-4); RRA Announce 2013-25(Jun 17,2013)

Test Method for Electromagnetic Susceptibility (RRA Announce 2013-25, June 17, 2013) K only

EN 45502-2-3 (2010), Clause 27

Active implantable medical devices: Particular requirements for cochlear and auditory brainstem implant systems

EN 45502-2-1 (2003), Clause 27

Active implantable medical devices: Particular requirements for active implantable medical devices intended to treat bradyarrhythmia (cardiac pacemakers)

EN 50130-4 (1995) + A1(1998) & A2(2003)

Alarm systems - Part 4. Electromagnetic compatibility - Product family standard: Immunity requirements for components of fire, intruder and social alarm systems

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

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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 55014-2 (1997) +A1 (2001) + A2 (2008)	Electromagnetic compatibility. Requirements for household appliances, electric tools and similar apparatus. Immunity
EN 55020 (2007) + A12 (2016)	Sound and television broadcast receivers and associated equipment. Immunity characteristics. Limits and methods of measurement
EN 55024 (2010)	Information technology equipment. Immunity characteristics. Limits and methods of measurement
EN 55035 (2017)	Electromagnetic Compatibility Of Multimedia Equipment - Immunity Requirements (Cispr 35:2016, Modified)
EN 55103-2 (2009)	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 (Annex 2), RRA 2013-25, K only (Jun. 17, 2013)	Conformity Assessment Procedure for Electromagnetic Susceptibility (K only)
EN 60945 (2002) and IEC 60945 (2002)	Maritime navigation and radiocommunication equipment and systems - General requirements - Methods of testing and required test results
IEC 61000-6-7 (2014)	Electromagnetic Compatibility (EMC) - Part 6-7: Generic Standards - Immunity Requirements for Equipment Intended to Perform Functions in a Safety-Related System (Functional Safety) in Industrial Locations
EN 61000-6-7 (2015)	Electromagnetic compatibility (EMC). Generic standards. Immunity requirements for equipment intended to perform functions in a safety-related system (functional safety) in industrial locations
IEC 61000-4-2, Ed. 2.0 (2008-12)	Electromagnetic compatibility (EMC) - Part 4-2: Testing and measurement techniques - Electrostatic discharge immunity test
KN 61000-4-2 (Annex 1-1) RRA Announce 2013-25 (June 17, 2013)	Test Method for Electromagnetic Susceptibility (RRA Announce 2013-25, June 17, 2013) Korean only
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
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
KN 61000-4-3 (Annex 1-2) RRA Announce 2013-25 (June 17, 2013)	Test Method for Electromagnetic Susceptibility (RRA Announce 2013-25, June 17, 2013) Korean only

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IEC 61000-4-4, Ed. 2.0 (2004-07)	Electromagnetic compatibility (EMC) - Part 4-4: 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
KN 61000-4-4 (Annex 1-3) RRA Announce 2013-25 (June 17, 2013)	Test Method for Electromagnetic Susceptibility (RRA Announce 2013-25, June 17, 2013) Korean only
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. 3.1 (2017)	Electromagnetic compatibility (EMC) - Part 4-5: Testing and measurement techniques - Surge immunity test
EN 61000-4-5 (2014) + A1 (2017)	Electromagnetic compatibility (EMC). Testing and measurement techniques. Surge immunity test
IEC 61000-4-5 (2014) + A1 (2017)	Electromagnetic compatibility (EMC) - Part 4-5: Testing and measurement techniques - Surge immunity test
IEC 61000-4-5, Ed 1.1 (2005-11)	EMC - Part 4-5: Testing and measurement techniques - Surge immunity test
KN 61000-4-5 (Annex 1-4) RRA Announce 2013-25 (June 17, 2013)	Test Method for Electromagnetic Susceptibility (RRA Announce 2013-25, June 17, 2013) Korean only
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
KN 61000-4-6 (Annex 1-5) RRA Announce 2013-25 (June 17, 2013)	Test Method for Electromagnetic Susceptibility (RRA Announce 2013-25, June 17, 2013) Korean only
IEC 61000-4-8, Ed. 1.1 (2001); EN 61000-4-8	Electromagnetic compatibility (EMC) - Part 4-8: Testing and measurement techniques - Power frequency magnetic field immunity test
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
KN 61000-4-8 (Annex 1-6) RRA Announce 2013-25 (June 17, 2013)	Test Method for Electromagnetic Susceptibility (RRA Announce 2013-25, June 17, 2013) Korean only
IEC 61000-4-9 (2016)	Electromagnetic compatibility (EMC) - Part 4-9: Testing and measurement techniques - Impulse magnetic field immunity test

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BS EN 61000-4-9 (2016)	Electromagnetic compatibility (EMC). Testing and measurement techniques. Impulse magnetic field immunity test
IEC 61000-4-10 (2016)	Electromagnetic compatibility (EMC) - Part 4-10: Testing and measurement techniques - Damped oscillatory magnetic field immunity test
EN 61000-4-11 (2014) + A1 (2017)	Electromagnetic compatibility (EMC). Testing and measurement techniques. Voltage dips, short interruptions and voltage variations immunity tests
IEC 61000-4-11, Edition 2.1 (2017)	Electromagnetic Compatibility (EMC) – Part 4-11: Testing and measurement techniques – Voltage dips, short interruptions and voltage variations immunity tests
IEC 61000-4-11, Ed. 2 (2004-03) & EN 61000-4-11	Electromagnetic compatibility (EMC) - Part 4-11: Testing and measurement techniques - Voltage dips, short interruptions and voltage variations immunity tests
KN 61000-4-11 (Annex 1-7) RRA Announce 2013-25(June 17, 2013)	Test Method for Electromagnetic Susceptibility (RRA Announce 2013-25, June 17, 2013) Korean only
IEC 61000-4-13 Ed. 1.1 (2002) + A1 (2009) + A2 (2015)	Electromagnetic compatibility (EMC) - Part 4-13: Testing and measurement techniques - Harmonics and interharmonics including mains signalling at a.c. power port, low frequency immunity tests
IEC 61000-4-14:1999+AMD1:2001 +AMD2:2009	Electromagnetic compatibility (EMC) - Part 4-14: Testing and measurement techniques - Voltage fluctuation immunity test
IEC 61000-4-16 Ed. 2.0 (2015)	Electromagnetic compatibility (EMC) - Part 4-16: Testing and measurement techniques - Test for immunity to conducted, common mode disturbances in the frequency range 0 Hz to 150 kHz
BS EN 61000-4-16 (2016)	Electromagnetic compatibility (EMC). Testing and measurement techniques. Test for immunity to conducted, common mode disturbances in the frequency range 0 Hz to 150 kHz
EN 61000-4-17:1999+A2:2009	Electromagnetic compatibility (EMC). Testing and measurement techniques. Ripple on d.c. input power port immunity test
IEC 61000-4-17 Ed. 1.2 (2009)	Electromagnetic compatibility (EMC) - Part 4-17: Testing and measurement techniques - Ripple on d.c. input power port immunity test
IEC 61000-4-28 (1999) + A1 (2001) + A2 (2009)	Electromagnetic compatibility (EMC) - Part 4-28: Testing and measurement techniques - Variation of power frequency, immunity test for equipment with input current not exceeding 16 A per phase
EN 61000-4-29 (2001), IEC 61000-4-29 (2000)	Electromagnetic compatibility (EMC). Testing and measurement techniques. Testing and measurement techniques. Voltage dips, short interruptions and voltage variations on d.c. input power port immunity tests. Voltage dips, short interruptions and voltage variations on d.c.input power ports. Immunity tests. Basic EMC Publication.
IEC 61000-4-29 (2000)	Electromagnetic compatibility (EMC) - Part 4-29: Testing and measurement techniques - Voltage dips, short interruptions and voltage variations on d.c. input power port immunity tests

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IEC 61000-6-1 (2016)	Electromagnetic compatibility (EMC) - Part 6-1: Generic standards - Immunity standard for residential, commercial and light-industrial environments
EN 61000-6-1 (2007)	Electromagnetic compatibility (EMC) - Part 6 - 1: Generic standards - Immunity for residential, commercial and light-industrial environments
KN 61000-6-1 (Annex 11); RRA Announce 2013-25 (Jun 17, 2013)	Test Method for Electromagnetic Susceptibility (RRA Announce 2013-25, June 17, 2013) Korean only
EN 61000-6-2 (2005) + AC (2005)	Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity for industrial environments
EN 61000-6-2 (2016)	Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity standard for industrial environments
IEC 61000-6-2 (2016)	Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity standard for industrial environments
KN 61000-6-2 (Annex 14) w/ RRA Announce 2013-25 (6/17/13)	Test Method for Electromagnetic Susceptibility (RRA Announce 2013-25, June 17, 2013) Korean only
IEC 61131-2 (2017) Sec. 7.3	Industrial-process Measurement and Control - Programmable Controllers - Part 2: Equipment Requirements and Tests
EN 61326-1 (2013)	Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 1: 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
IEC 61326-3-1 (2017)	Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 3-1: Immunity requirements for safety-related systems and for equipment intended to perform safety-related functions (functional safety) - General industrial applications
EN 61326-3-1 (2017)	Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 3-1: Immunity requirements for safety-related systems and for equipment intended to perform safety-related functions (functional safety) - General industrial applications
TCVN 7317:2003 (CISPR 24:1997)	ElectroMagnetic Compatibility (EMC) - Telecommunications Terminal Equipment - Electromagnetic immunity Requirements
AIM 7351731 (2017)	Medical Electrical Equipment & System Electromagnetic Immunity Test for RFID Readers
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 14-2 Ed. 1.2 (2008)	Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 2: Immunity - Product family standard
IEC/CISPR 14-2 (2001) Ed. 4 and EN 55014-2	Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 2: Immunity - Product family standard

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CISPR 16-2-3 (2016)	Specification for radio disturbance and immunity measuring apparatus and methods - Part 2-3: Methods of measurement of disturbances and immunity - Radiated disturbance measurements
CISPR TR 16-3 Ed. 3 (2015-09)	Specification for radio disturbance and immunity measuring apparatus and methods – Part 3: CISPR technical reports
CISPR 20 (2006) +A1 (2013)	Sound and television broadcast receivers and associated equipment - Immunity characteristics - Limits and methods of measurement
IEC/CISPR 20 (2006)	Sound and television broadcast receivers and associated equipment - Immunity characteristics - Limits and methods of measurement
IEC/CISPR 24 (1997) and EN 55024 (1998) + A1(2001), A2(2003)	Information technology equipment - Immunity characteristics - Limits and methods of measurement
CISPR 35 (2016)	Electromagnetic compatibility of multimedia equipment - Immunity requirements
SAE J1113-11 (2017-06)	Immunity to Conducted Transients on Power Leads
SAE J1113-12 (2017-11)	Electrical Interference by Conduction and Coupling
KN 14-2 (Annex 4) RRA Announce 2014-92 (Dec29,2014)	Test Methods for Electromagnetic Susceptibility (RRA Announce 2014-92, Dec 29, 2014) Korean only
KN 24 (Annex 5) with RRA Announce 2013-25 (Jun. 17, 2013)	Test Method for Electromagnetic Susceptibility (RRA Announce 2013-25, June 17, 2013) K only
KN 35:2015 (Annex 15)	Electromagnetic compatibility of multimedia equipment - Immunity Requirements
Lloyd's Register - LR Type Approval System	Test Specification Number 1 (2013)
Lloyd's Register - LR Type Approval System	Test Specification Number 1 (2015)
RRA 2013-04 and RRA 2013-25, June 17, 2013, Korean only	Technical Requirements and Test Methods for Electromagnetic Susceptibility; Korean only (See specific Annexes listed on scope)
RRA 2014-09 and RRA 2014-38 (June 23, 2014) K only	Technical Requirements and Test Methods for Electromagnetic Susceptibility; Korean only (See specific annexes listed on scope)
SI 961 part 6.2	Electromagnetic compatibility: Information technology equipment - Immunity characteristics - Limits and methods of measurements

Product Safety

Designation

EN 13611 (2015) + A1 (2016)

Description

Safety and control devices for burners and appliances burning gaseous and/or liquid fuels. General requirements

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ISO 14708-4:2008	Implants for surgery -- Active implantable medical devices -- Part 4: Implantable infusion pumps <i>Section 27</i>
ISO 16750-2:2012	Road vehicles -- Environmental conditions and testing for electrical and electronic equipment -- Part 2: Electrical loads
EN 298 (2012)	Automatic burner control systems for burners and appliances burning gaseous or liquid fuels
EN 50156-1 (2015) + A1 (2016)	Electrical equipment for furnaces and ancillary equipment. Requirements for application design and installation
IEC 60065 ed8.0 (2014)	Audio, video and similar electronic apparatus - Safety requirements
IEC 60335-1 Ed. 5.2 (2016)	Household and similar electrical appliances - Safety - Part 1: General requirements
EN 60601-1 (2006) + A12 (2014)	Medical electrical equipment. Part 1-General requirements for basic safety and essential performance
ANSI/AAMI ES60601-1:2005/ A1:2012 & C1:2009/(R)2012 & A2:2010/(R)2012	Medical electrical equipment, Part 1: General requirements for basic safety and essential performance
CAN/CSA-C22.2 NO. 60601-1:14	Medical electrical equipment - Part 1: General requirements for basic safety and essential performance
IEC 60601-1 Ed. 3.0 (2005)	Medical electrical equipment - Part 1: General requirements for basic safety and essential performance
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
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 60601-2-2 (2017)	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
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
IEC 60601-2-4 ed3.0 (2010), Clause 202	Medical electrical equipment - Part 2-4: Particular requirements for the basic safety and essential performance of cardiac defibrillators

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EN 60601-2-4 (2003), Clause 202	Medical electrical equipment. Particular requirements for safety. Particular requirements for the safety of cardiac defibrillators
IEC 60601-2-50, Ed. 2.1 (2016)	Medical electrical equipment - Part 2-50: Particular requirements for the basic safety and essential performance of infant phototherapy equipment
EN 60601-2-24 (1998)	Medical electronic equipment Part 2-24: Particular requirements for the safety of infusion pumps and controllers
IEC 60601-2-25 ed 2.0, (2011-10), Clause 202	Medical electrical equipment - Part 2-25: Particular requirements for the basic safety and essential performance of electrocardiographs
IEC 60601-2-26 (2003); EN 60601-2-26 (2003)	Medical Electrical Equipment Part - 2-26: Particular Requirements for the Safety of Electroencephalographs
IEC 60601-2-26, Ed. 2.0 (2002-11)	Medical Electrical Equipment - Part 2-26: Particular Requirements for the Safety of Electroencephalographs
IEC 60601-2-26 ed3.0 (2012-05)	Medical electrical equipment - Part 2-26: Particular requirements for the basic safety and essential performance of electroencephalographs
IEC 60601-2-27:2005	Particular requirements for the safety, including essential performance, of automatic cycling non-invasive blood pressure monitoring equipment
EN 60601-2-27:2006	Medical electrical equipment - Part 2-27: Particular requirements for the safety, including essential performance, of electrocardiographic monitoring equipment
IEC 60601-2-27 ed3.0 (2011), Clause 202	Medical electrical equipment - Part 2-27: Particular requirements for the basic safety and essential performance of electrocardiographic monitoring equipment
IEC 60601-2-30 (1999), EN 60601-2-30 (2000)	Particular requirements for the safety including essential performance, of automatic cycling non-invasive blood pressure monitoring equipment
IEC 60601-2-31 (2008) + A1 (2011)	Medical electrical equipment - Part 2-31: Particular requirements for the basic safety and essential performance of external cardiac pacemakers with internal power source
IEC 60601-2-34 (2011)	Medical electrical equipment - Part 2-34: Particular requirements for the basic safety and essential performance of invasive blood pressure monitoring equipment
EN 60601-2-37 (2008)	Medical electrical equipment - Part 2-37: Particular requirements for the safety of ultrasonic medical diagnostic and monitoring equipment
IEC 60601-2-47 (2006), EN 60601-2-47(2001)	Particular requirements for the safety, including 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 60601-2-49 (2015); Clause 202	Medical electrical equipment - Part 2-49: Particular requirements for the basic safety and essential performance of multifunction patient monitoring equipment <i>exclude clause 202.6.2.101</i>



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IEC 60601-2-49 (2011) Clause 202	Medical electrical equipment - Part 2-49: Particular requirements for the basic safety and essential performance of multifunction patient monitoring equipment
IEC 60950-1 Ed. 2.2 (2013)	Information technology equipment - Safety - Part 1: General requirements
EN 60950-1:2006+A2:2013	Information technology equipment. Safety. General requirements
CAN/CSA-C22.2 NO. 60950-1A-07 (R2016)	Information Technology Equipment - Safety - Part 1: General Requirements
CSA C22.2 No. 60950-1B-07 (R2016)	Information technology equipment - Safety - Part 1: General requirements
UL 60950-1 2nd Ed. 2007 and CSA C22.2 No. 60590-1-07	Information Technology Equipment - Safety - Part 1: General Requirements
IEC 61010-1 ED. 3.1 B (2017)	Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 1: General requirements
CAN/CSA-C22.2 NO. 61010-1-12 (R2017)	Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 1: General requirements
IEC 61010-1 ed3.0 (2010)	Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 1: General requirements
EN 61010-1 (2010)	Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 1: General requirements
UL 61010-1 Ed. 3 (2012)	UL Standard for Safety for Electrical Equipment for Measurement, Control, and Laboratory Use; Part 1: General Requirements
IEC 61131-6 (2012)	Programmable controllers - Part 6: Functional safety
EN 61131-6 (2013)	Programmable controllers. Functional safety
IEC 62040-1-2 (2002)	Uninterruptible power systems (UPS) Part 1-2: General and safety requirements for UPS used in restricted access locations
EN 62368-1 (2014)	Audio/video, information and communication technology equipment. Safety requirements
IEC 62368-1 ed2.0 (2014)	Audio/video, information and communication technology equipment - Part 1: Safety requirements
IEC 80601-2-49 (2018) Clause 202	Medical electrical equipment - Part 2-49: Particular requirements for the basic safety and essential performance of multifunction patient monitors <i>exclude clause 202.8.102</i>
IEC 80601-2-30 (2018)	Medical electrical equipment -- Part 2-30: Particular requirements for basic safety and essential performance of automated non-invasive sphygmomanometers
ISO 80601-2-55 (2018) Clause 202	Medical electrical equipment - Part 2-55: Particular requirements for the basic safety and essential performance of respiratory gas monitors

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ISO 80601-2-61 (2017) Clause 202	Medical electrical equipment - Part 2-61: Particular requirements for basic safety and essential performance of pulse oximeter equipment
ISO 80601-2-61 (2011), Clause 202	Medical electrical equipment - Part 2-61: Particular requirements for basic safety and essential performance of pulse oximeter equipment
ISO 9919 ed2.0 (2005), Clause 36	Medical electrical equipment - Particular requirements for the basic safety and essential performance of pulse oximeter equipment for medical use

Radio

Designation

Description

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
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 300 220-3-1 V2.1.1 (2016-12)	Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz; Part 3-1: Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU; Low duty cycle high reliability equipment, social alarms equipment operating on designated frequencies (869,200 MHz to 869,250 MHz)
ETSI EN 300 220-3-2 V1.1.1 (2017-02)	Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz; Part 3-2: Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU; Wireless alarms operating in designated LDC/HR frequency bands 868,60 MHz to 868,70 MHz, 869,25 MHz to 869,40 MHz, 869,65 MHz to 869,70 MHz
ETSI EN 300 220-4 V1.1.1 (2017-02)	Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz; Part 4: Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU; Metering devices operating in designated band 169,400 MHz to 169,475 MHz
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 300 330 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 300 422-1 V2.1.2 (2017-01)	Wireless Microphones; Audio PMSE up to 3 GHz; Part 1: Class A Receivers; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU
ETSI EN 300 422-1 V2.1.1 (2016-09)	Wireless Microphones; Audio PMSE up to 3 GHz; Part 1: Class A Receivers; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU
ETSI EN 300 422-2 V2.1.1 (2017-02)	Wireless Microphones; Audio PMSE up to 3 GHz; Part 2: Class B Receivers; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU

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ETSI EN 300 422-3 V2.1.1 (2017-02)	Wireless Microphones; Audio PMSE up to 3 GHz; Part 3: Class C Receivers; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU
ETSI EN 300 422-4 V2.1.1 (2017-05)	Wireless Microphones; Audio PMSE up to 3 GHz; Part 4: Assistive Listening Devices including personal sound amplifiers and inductive systems up to 3 GHz; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU
ETSI EN 300 440 V2.1.1 (2017-03)	Short Range Devices (SRD); Radio equipment to be used in the 1 GHz to 40 GHz frequency range; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU
ETSI EN 301 166 V2.1.1 (2016-11)	Land Mobile Service; Radio equipment for analogue and/or digital communication (speech and/or data) and operating on narrow band channels and having an antenna connector; Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU
ETSI EN 301 357 V2.1.1 (2017-06)	Cordless audio devices in the range 25 MHz to 2 000 MHz; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU
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 301 489-5 V2.1.1 (2016-11)	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 5: Specific conditions for Private land Mobile Radio (PMR) and ancillary equipment (speech and non-speech) and Terrestrial Trunked Radio (TETRA); Harmonised Standard covering the essential requirements of article 3.1(b) of the Directive 2014/53/EU
ETSI EN 301 489-6, V2.1.1 (2016-11)	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 6: Specific conditions for Digital Enhanced Cordless Telecommunications (DECT) equipment; Harmonised Standard covering the essential requirements of article 3.1(b) of the Directive 2014/53/EU
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 301 489-17 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 301 489-23 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

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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 301 489-27 V2.1.1 (2016-12)	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 27: Specific conditions for Ultra Low Power Active Medical Implants (ULP-AMI) and related peripheral devices (ULP-AMI-P); Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU
ETSI EN 301 489-29 V2.1.1 (2016-12)	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; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU
ETSI EN 301 489-31 V2.1.1 (2016-11)	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 31: Specific conditions for equipment in the 9 kHz to 315 kHz band for Ultra Low Power Active Medical Implants (ULP-AMI) and related peripheral devices (ULP-AMI-P); Harmonised Standard covering the essential requirements of article 3.1(b) of the Directive 2014/53/EU
ETSI EN 301 489-50 V2.1.1 (2017-02)	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 50: Specific conditions for Cellular Communication Base Station (BS), repeater and ancillary equipment; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU
ETSI EN 301 502 V12.5.2 (2017-03)	Global System for Mobile communications (GSM); Base Station (BS) equipment; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU
ETSI EN 301 511 V12.5.1 (2017-03)	Global System for Mobile communications (GSM); Mobile Stations (MS) equipment; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU
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 301 908-1 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
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
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)
ETSI EN 301 908-3 V11.1.3 (2017-04)	IMT cellular networks; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU; Part 3: CDMA Direct Spread (UTRA FDD) Base Stations (BS)
ETSI EN 301 908-11 V11.1.2 (2017-01)	IMT cellular networks; Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU; Part 11: CDMA Direct Spread (UTRA FDD) Repeaters

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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)
ETSI EN 301 908-14 V11.1.2 (2017-04)	IMT cellular networks; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU; Part 14: Evolved Universal Terrestrial Radio Access (E-UTRA) Base Stations (BS)
ETSI EN 301 908-15 V11.1.2 (2017-01)	IMT cellular networks; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU; Part 15: Evolved Universal Terrestrial Radio Access (E-UTRA FDD) Repeaters
ETSI EN 302 195 V2.1.1 (2016-06)	Short Range Devices (SRD); Ultra Low Power Active Medical Implants (ULP-AMI) and accessories (ULP-AMI-P) operating in the frequency range 9 kHz to 315 kHz Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU
ETSI EN 302 208 V3.1.1 (2016-11)	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; Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU
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 302 537 V2.1.1 (2016-10)	Ultra Low Power Medical Data Service (MEDS) Systems operating in the frequency range 401 MHz to 402 MHz and 405 MHz to 406 MHz; Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU
ETSI EN 303 413 V1.1.1 (2017-06)	Satellite Earth Stations and Systems (SES); Global Navigation Satellite System (GNSS) receivers; Radio equipment operating in the 1 164 MHz to 1 300 MHz and 1 559 MHz to 1 610 MHz frequency bands; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU
EN 303 454 V1.1.1 (2018-01)	Short Range Devices (SRD); Metal and object detection sensors in the frequency range 1 kHz to 148,5 kHz; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU
BS EN 50385 (2017)	Product standard to demonstrate the compliance of base station equipment with radio frequency electromagnetic field exposure limits (110 MHz to 100 GHz), when placed on the market
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



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BS EN 50401 (2017)	Product standard to demonstrate the compliance of base station equipment with radiofrequency electromagnetic field exposure limits (110 MHz-100 Mhz), when put into service
AS/NZS 2772.2 (2016)	Radiofrequency fields- Part 2: Principles and methods of measurement and computation- 3 kHz to 300 GHz
AS/NZS 4268 (2017)	Radio equipment and systems-Short range devices-Limits and methods of measurement
ANSI C63.27 (2017)	American National Standard for Evaluation of Wireless Coexistence
HKCA 1002, Issue 6 (January 2008)	Performance Specification for Angle Modulated Radio Transmitters and Receivers for Use as Base, Repeater, Mobile, and Portable Equipment - Land Mobile Radio Services
HKCA 1007, Issue 5 (March 2012)	Electromagnetic Disturbance Characteristics of Industrial, Scientific, and Medical (ISM) Radio-Frequency Equipment
HKCA 1008, Issue 4 (November 2013)	Performance Specification for Low-Power Radio Microphones, Including Associated Receiving Equipment
HKCA 1008, Issue 3 (February 2003)	Performance Specification for Low-Power Radio Microphones, Including Associated Receiving Equipment
HKCA 1010, Issue 1 (June 2003)	Performance Specification for Angle Modulated Radio Transmitters and Receivers for Use as Base, Mobile and Portable Equipment - Land Mobile
HKCA 1015, Issue 4 (February 2003)	Performance Specification for Cordless Telephone Operating in the 864.1 to 868.1 MHz Band
HKCA 1020, Issue 7 (November 2011)	Performance Specification of the Base Station System (BSS) and Repeater Equipment for use In the Public Radiotelephone Service (PMRS) Employing Global System for Mobile Communication (GSM) or in the Personal Communication Service (PCS)
HKCA 1033, Issue 7 (March 2012)	Performance Specification of the Mobile Station and Portable Equipment for use in the Global System for Mobile Communication (GSM) 900 and 1800 MHz Bands
HKCA 1034, Issue 3 (Oct 2009)	Performance Specification for Digital Enhanced Cordless Telecommunications (DECT) Equipment for Private Use
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 4 (October 2010)	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 1041, Issue 1 (February 2003)	Performance Specification for Radiocommunications Apparatus Operating in the 27 MHz Band for Private Use



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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
HKCA 1046, Issue 3 (September 2008)	Method of Measurement for Radio Transmitter for Use in the Land Mobile Service
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 1050, Issue 1, (January 2006)	Performance specification for 26.96-27.41 MHz citizens band (CB) radio transreceivers
HKCA 1052, Issue 2 (September 2012)	Performance specification for medical implant communication systems
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
HKCA 1054, Issue 1 (September 2008)	Perforance sepcification for mobile station for use in the third generation (3G) mobile communications services employing CDMA2000 spread spectrum
HKTA 1002 Issue 6 (1/2008)	Performance Specification for Angle-modulated Radio Transmitters and Receivers for use as Base, Repeater, Mobile and Portable Equipment in the Land Mobile Radio Service
HKTA 1007, Issue 5 (March 2012)	Electromagnetic Disturbance Characteristics of Industrial, Scientific, and Medical (ISM) Radio-Frequency Equipment
HKTA 1008, Issue 3 (February 2003)	Performance Specification for Low-Power Radio Microphones, Including Associated Receiving Equipment
HKTA 1010 Issue 01, June 2003	Performance Specification for Angle Modulated Radio Transmitters and Receivers for Use as Base, Mobile and Portable Equipment in the Land Mobile Radio Service
HKTA 1015, Issue 4 (February 2003)	Performance Specification for Cordless Telephone Operating in the 864.1 - 868.1 MHz Band
HKTA 1020, Issue 7 (November 2011)	Performance Specification of the Base Station System (BSS) and Repeater Equipment for use In the Public Radiotelephone Service (PMRS) Employing Global System for Mobile Communication (GSM) or in the Personal Communication Service (PCS)
HKTA 1033, Issue 7 (March 2012)	Performance Specification of the Mobile Station and Portable Equipment for use in the Global System for Mobile Communication (GSM) 900 and 1800 MHz Bands



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HKTA 1034, Issue 3 (Oct 2009)	Performance Specification for Digital Enhanced Cordless Telecommunications (DECT) Equipment for Private Use
HKTA 1035, Issue 6 (May 2011)	Performance Specification for Radio Equipment Exempted From Licensing
HKTA 1039, Issue 4 (October 2010)	Performance Specification for Radiocommunications Apparatus Operating in the 2.4 Ghz or 5 Ghz Band and Employing Frequency Hopping or Digital Modulation
HKTA 1041, Issue 1 (February 2003)	Performance Specification for Radiocommunications Apparatus Operating in the 27 MHz Band for Private Use
HKTA 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)
HKTA 1044, Issue 1 (February 2003)	Performance Specification for Short-Range Portable Radio Operating in the 409 MHz Band
HKTA 1046, Issue 3 (September 2008)	Method of Measurement for Radio Transmitter for Use in the Land Mobile Service
HKTA 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)
HKTA 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
HKTA 1050, Issue 1, January 2006	Performance specification for 26.96-27.41 MHz citizens band (CB) radio transreceivers
HKTA 1052, Issue 1, January 2008	Performance specification for medical implant communication systems
HKTA 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
HKTA 1054, Issue 1, September 2008	Perforance sepcification for mobile station for use in the third generation (3G) mobile communications services employing CDMA2000 spread spectrum
IDA TS CBS Issue 1, June 2011	Technical Specification for Cellular Base Station and Repeater System
IDA TS 3G-MT: July 2009	Technical Specification for IMT-2000 Third Generation (3G) Cellular Mobile Terminal
IDA TS GSM-MT: July 2009	Technical Specification for GSM Mobile Terminals
IMDA TS CMT (October 2016)	Telecommunications Standards Advisory Committee (TSAC)- Technical Specification for Cellular Mobile Terminal
IMDA TS CMT (July 2017)	Technical Specification for Cellular Mobile Terminal
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



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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 2019-0 (September 9, 1998)	1.6/2.4 GHz Satellite Personal Communications Networks (S-PCN) Mobile Earth Stations (MESs) Technical Requirements and Type Approval Guidelines
IS 2019-0 (May 9, 2012)	1.6/2.4 GHz Satellite Personal Communications Networks (S-PCN) Mobile Earth Stations (MESs) Technical Specifications
KCC Public Notification 2012-92 (Nov 6, 2012); K only	Technical Requirements for Radio Equipment; Regulations on Radio Equipment (K only)
KCC Public Notification 2012-93 (Nov 6, 2012);K only	Technical Requirements for Unlicensed Radio Equipment Established Without Notice (K only)
KS X 3123:2015	Conformity Assessment Test Methods for Radio Equipment; Korea only
KS X 3123:2017	Conformity assessment test methods for radio equipment
LP0002 (January 2018)	Low-power Radio-frequency Devices Technical Specifications
LP 0002 (June 2011)	Low-power Radio-frequency Devices Technical Specifications
MSIP Public Notification 2013-116 Aug 29, 2013; K only	Technical Requirements for Radio Equipment: Unlicensed Radio Equipment Established Without Notice
MSIP Public Notification 2014-39 (Jul 1, 2014)	Regulations on Radio Equipment; Korean only
MSIP Public Notification 2013-157 (Sep. 11, 2013)	Regulations on Radio Equipment; Korea only
MSIP Public Notification 2014-92 (Dec. 3, 2014)	Regulations on Radio Equipment; Korean only
MSIP Public Notification 2014-93 (Dec. 3, 2013)	Unlicensed Radio Equipment Established Without Notice; Korean only
MSIP Public Notification 2015-89 (Nov. 11, 2015); K only	Regulations on Radio Equipment; Korea only
MSIP Public Notification 2015-91 (Nov. 11, 2015)	Unlicensed Radio Equipment Established Without Notice; Korea only
MSIP Public Notification 2015-95 (Dec. 8 2015); K only	Regulations on Radio Equipment; Korea only



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MSIP Public Notification 2016-47 (Apr 22, 2016)	Regulations on Radio Equipment- Korean only
MSIP Public Notification 2016-48 (Apr 22, 2016)	Unlicensed Radio Equipment Established Without Notice- Korean only
MSIP Public Notification 2016-78 (Aug. 12, 2016)	Regulations on Radio Equipment; Korea only
MSIP Public Notification 2016-127 (Dec. 06, 2016)	Unlicensed Radio Equipment Established Without Notice; Korea only
MSIP Public Notification 2017-21 (March 31, 2017)	Technical Requirements for Radio Equipment, Unlicensed Radio Equipment Established Without Notice (K only)
Enforcement Decree of MSIT No. 1, Jul 26, 2017	Technical Requirements for Radio Equipment; Regulations on Radio Equipment (K only)
MSIT Public Notification 2018-38, Jun 27, 2018	Unlicensed Radio Equipment Established Without Notice; Korean Only
MSIT Public Notification 2018-71, Oct 16, 2018	Unlicensed Radio Equipment Established Without Notice (MSIT Public Notification 2018-71, Oct 16, 2018); Korean only
MSIT Public Notification 2017-8, Aug 28, 2017; K Only	Equipment to be Subject of Test Procedure for Electromagnetic Field Strength and Specific Absorption Rate; Korean Only
MSIT Public Notification 2017-7, Aug 24, 2017; K Only	Technical Requirements for Human Protection Against Electromagnetic Waves; Korean Only
PLMN08 (2018)	The Third Generation Mobile Telecommunication Terminal Equipment Technical Specifications
PLMN01 (2012)	GSM900 and DCS1800 Mobile Equipment Technical Specifications
PLMN04 (2007)	Trunked Radio Terminal Equipment Technical Specifications
PLMN05 (2007)	Mobile Data Radio Terminal Equipment Technical Specifications
PLMN08 (2012)	The Third Generation Mobile Telecommunication Terminal Equipment Technical Specifications
PLMN09 (2012)	Subscriber Station for Wireless Broadband Access Type Approval Technical Specification
QCVN 110 (2017):BTTT	National technical regulation on Evolved Universal Terrestrial Radio Access (E-UTRA) Base Stations (BS)
QCVN 111 (2017):BTTT	National technical regulation on Evolved Universal Terrestrial Radio Access (E-UTRA FDD) Repeater
QCVN 117 (2018): BTTT	National technical regulation on Evolved Universal Terrestrial Radio Access (E-UTRA) User Equipment (UE) - Radio Access



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QCVN 11 (2010): BTTTT	PHS Terminal equipment
QCVN 12 (2015): BTTTT	National technical regulation on GSM mobile station
QCVN 13 (2010): BTTTT	National technical regulation on 800 MHz CDMA 2000-1 mobile station
QCVN 15 (2015): BTTTT	National technical regulation on W-CDMA FDD mobile station
QCVN 16 (2010): BTTTT	National technical regulation on base stations for W-CDMA FDD
QCVN 18 (2014): BTTTT	National technical regulation on General Electromagnetic Compatibility for Radio Communications Equipment
QCVN 41 (2011): BTTTT	Technical regulation on GSM base stations
QCVN 42 (2011): BTTTT	Technical regulation on land mobile radio equipment having an antenna connector intended for the transmission of data (and speech)
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 73 (2013): BTTTT	Technical regulation on Short Range Device (SRD) -Radio equipment to be used in the 25 MHz to 1 GHz frequency range
QCVN 74 (2013): BTTTT	Technical regulation on Short Range Device (SRD)- Radio equipment to be used in the 1 GHz to 40 GHz frequency range
QCVN 75 (2013): BTTTT	Technical regulation on Low Data Rate data transmission equipment operating in the 5,8 GHz band use in Road Transport Traffic
QCVN 76 (2013): BTTTT	Technical regulation on High Data Rate data transmission equipment operating in the 5,8 GHz band use in Road Transport Traffic
QCVN 88 (2015): BTTTT	Technical regulation on radio emission of wireless access equipments operating at Multiple-Gigabit data rates in the 60 GHz band
QCVN 91 (2015): BTTTT	Technical regulation on cordless audio devices in the range 25 MHz to 2000 MHz
QCVN 94 (2015): BTTTT	Technical regulation on electromagnetic compatibility for Ultra Wide Band communication equipment
QCVN 95 (2015): BTTTT	Technical regulation on Radio frequency Identification equipment (RFID) operating in the band 866 MHz to 868 MHz
QCVN 96 (2015): BTTTT	Technical regulation on electromagnetic compatibility for Short Range Devices (SRD) operating on frequencies between 9 kHz and 40 GHz



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QCVN 99 (2015): BTTTT	Technical regulation on Medium Data Rate data transmission equipment operating in the 5,8 GHz band use in Road Transport Traffic
QCVN 112 (2017): BTTTT	National technical regulation on general electromagnetic compatibility for radio broadband data transmission equipment
RRA Announce 2011-32, K only (Dec 27, 2011)	Conformity Assessment Procedure of Radio Equipment (K only)
RRA Public Notification 2012-21 (Nov. 06, 2012)	Technical Requirements for Measurement of Electromagnetic Field Strength; Korea only
RRA Announce 2013-33, (Jul 26, 2013); Korean only	Conformity Assessment Procedure of Radio Equipment; Korean only
RRA Notice 2014-2, K only (Feb. 4, 2014)	Technical Requirements for Measurement of Electromagnetic Field Strength, K only
RRA Announce 2014-90 (Dec. 23, 2014)	Conformity Assessment Procedure of Radio Equipment
RRA Announce 2015-81 (Sep. 30, 2015); Korea only	Conformity Assessment Procedure of Radio Equipment; Korea only
RRA Announce 2015-135 (Jan. 5, 2016)	Conformity Assessment Procedure of Radio Equipment; Korea only
RRA Notice 2017-7, Korean only (Aug. 4, 2017)	Technical Requirements for Measurement of Electromagnetic Field Strength, Korean only
RSS-102, Issue 5 (March 2015)	Radio Frequency (RF) Exposure Compliance of Radiocommunication Apparatus (All Frequency Bands) - RF Exposure
RSS-102, Issue 5 (March 2015)	Radio Frequency (RF) Exposure Compliance of Radiocommunication Apparatus (All Frequency Bands) - NS
RSS-111, Issue 5 (September 2014)	Broadband Public Safety Equipment Operating in the Band 4940-4990 MHz
RSS-117, Issue 3 (January, 2016)	Land and Coast Station Transmitters 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-123, Issue 3, (February 2015)	Licensed Low-Power Radio Apparatus
RSS-130, Issue 2 (February 2019)	Equipment Operating in the Frequency Bands 617-652 MHz, 663-698 MHz, 698-756 MHz and 777-787 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 (May 2017)	Zone Enhancers



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RSS-131, Issue 2 (July 2003)	Zone Enhancers for the Land Mobile Service
RSS-132, Issue 3 (January 2013)	Cellular Telephone Systems 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-134, Issue 2 (February 5, 2016)	900 MHz Narrowband Personal Communication Service
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-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-193, Issue 1 (July 2003)	Multipoint and Point-to-Point Communication Systems (MCS) in the Fixed Service Operating in the 2,150 - 2,160 MHz, 2,500 - 2,596 MHz and 2,686 - 2,690 MHz Bands
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 2 (February 2019)	Point-to-Multipoint Broadband Equipment Operating in the Bands 512-608 MHz for Rural Remote Broadband Systems (RRBS) (TV Channels 21 to 36)
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 3 (December 2016)	Broadband Radio Service (BRS) Equipment Operating in the Band 2500-2690 MHz
RSS-210, Issue 9 (August 2016)	Licence-Exempt Radio Apparatus: Category I Equipment
RSS-210, Issue 9 (August 2016) + A1 (November 2017)	Licence-Exempt Radio Apparatus: 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-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



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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
RSS-244, Issue 1 (June 2013)	Medical Devices Operating in the Band 413-457 MHz
RSS-246, Issue 1 (March 2019)	Ultra-Low Power (ULP) Wireless Medical Capsule Endoscopy Devices Operating in the 430-440 MHz Band
RSS-247, Issue 2 (February 2017)	Digital Transmission Systems (DTSs), Frequency Hopping Systems (FHSs) and Licence-Exempt Local Area Network (LE-LAN) Devices
RSS-251, Issue 1 (Nov. 2014)	Field Disturbance Sensors in the Bands 46.7-46.9 GHz (Vehicular Radar) and 76-77 GHz (Vehicular and Airport Fixed Radar)
RSS-251, Issue 2 (July 2018)	Vehicular Radar and Airport Fixed or Mobile Radar in the 76-81 GHz Frequency Band
RSS-252, Issue 1 (September 2017)	Intelligent Transportation Systems - Dedicated Short Range Communications (DSRC) - On-Board Unit (OBU)
RSS-287, Issue 2 (March 6, 2014)	Emergency Position Indicating Radio Beacons (EPIRB), Emergency Locator Transmitters (ELT), Personal Locator Beacons (PLB), and Maritime Survivor Locator Devices (MSLD)
RSS-310, Issue 4 (July 2015)	Licence-Exempt Radio Apparatus: Category II Equipment
RSS-Gen, Issue 4 (November 2014)	General Requirements for Compliance of Radio Apparatus
RSS-Gen, Issue 5 (April 2018) + Amendment 1 (March 2019)	General Requirements for Compliance of Radio Apparatus
RSS-Gen, Issue 5 (April 2018)	General Requirements for Compliance of Radio Apparatus
TCN 68-192:2003	Radio communication equipment - General ElectroMagnetic Compatibility Requirement
TCN 68-242:2006	Radio equipments operating in the 2.4 GHz band and using spread spectrum modulation techniques - Technical requirements
TCN 68-243:2006	Short Range Devices - Radio equipment in the frequency range 9 kHz to 25 MHz - Technical requirements
RTTE01 (2007)	2.4GHz Radio-frequency Telecommunications Terminal Equipment Technical Specification

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AS/NZS 4771 (2003)

Technical characteristics and test conditions for data transmission equipment operating in the 900 MHz, 2.4 GHz and 5.8 GHz bands and using spread spectrum modulation techniques

RF Exposure

Designation

Description

FCC KDB 447498 D02 (October 23, 2015)

SAR Measurement Procedures for USB Dongle Transmitters

EN 50360 (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 300 MHz to 6 GHz: devices used next to the ear

EN 50364 (2018)

Product standard for 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 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 (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 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

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)

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)

ACA Standard 2014

Radiocommunications (Electromagnetic Radiation - Human Exposure) Standard 2014



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Table with 2 columns: Reference (e.g., H46-2/99-273E, IEEE Std C95.1 (2005) + A1 (2010)) and Description (e.g., Limits of Human Exposure to Radiofrequency Electromagnetic Fields in the Frequency Range From 3 kHz to 300 GHz - Safety Code 6 (Canada)).

Telecommunications

Designation

Description

Table with 2 columns: Designation (e.g., ETSI EN 300 386 V1.6.1 (2012-09)) and Description (e.g., Electromagnetic compatibility and Radio spectrum Matters (ERM); Telecommunication network equipment; ElectroMagnetic Compatibility (EMC) requirements).



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FCC KDB 935210 (April 8, 2016)	Licensed signal boosters and amplifiers
FCC KDB 971168 (October 17, 2014)	MEASUREMENT GUIDANCE FOR CERTIFICATION OF LICENSED DIGITAL TRANSMITTERS
FCC KDB 971168 (January 6, 2016)	MEASUREMENT GUIDANCE FOR CERTIFICATION OF LICENSED DIGITAL TRANSMITTERS
AS/CA S042 (2015)	Telecommunications Technical Standard (Requirements for Connection to an Air Interface of a Telecommunications Network
AS/CA S042.1 (2011)	Requirements for connection to an air interface of a Telecommunications Network - Part 1: General
AS/CA S042.1 (2010) +A1 (2013)	Requirements for connection to an air interface of a Telecommunications Network - Part 1: General
AS/ACIF S042.3 (2005)	Requirements for connection to an air interface of a Telecommunications Network - Part 3: GSM Customer Equipment
AS/CA S042.4 (2011)	Requirements for connection to an air interface of a Telecommunications Network - Part 4: IMT-2000 Customer Equipment
FCC KDB 935210 D03 (February 12, 2016)	Signal Boosters (Part 20)- Wideband Consumer Signal Booster Compliance Measurement Guidance- Signal Booster Measurements v04
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
GR-1089-CORE, Issue 7 (December 2017)	Electromagnetic Compatibility and Electrical Safety - Generic Criteria for Network Telecommunications Equipment (Generic Requirements)
GR-1089-CORE, Issue 6 (2011-05)	EMC and Electrical Safety - Criteria for Network Telecom Equipment
QCVN 103 (2016): BTTTT	National technical regulation on electromagnetic compatibility for Base Station, Repeater, ancillary equipment of digital cellular telecommunications systems GSM, W-CDMA FDD and LTE