EMC Standards

The following list details some of the major electromagnetic compatibility (EMC) standards in place worldwide.

EMC Directive Standards

Harmonized standards for the implementation of the Council Directive 89/336/EEC (2004/108/EC).

CENELEC

EN 50065-1:2001—Signaling on low-voltage electrical installations in the frequency range 3 to 148.5 kHz—Part 1: General requirements, frequency bands, and electromagnetic disturbances; Amendment 1:1992; Amendment 2:1995; Amendment 3:1996.

EN 50081-1:1992—Electromagnetic compatibility—Generic emission standard—Part 1: Residential, commercial, and light industry.

EN 50081-2:1994—Electromagnetic compatibility—Generic emission standard—Part 2: Industrial environment.

EN 50082-1:1998—Electromagnetic compatibility—Generic immunity standard—Part 1: Residential, commercial, and light industry.

EN 50082-2:1995—Electromagnetic compatibility—Generic immunity standard—Part 2: Industrial environment.

EN 50083-2:2001—Cabled networks for television signals, sound signals, and interactive services—Part 2: Electromagnetic compatibility for equipment; Amendment 1:1997.

EN 50090-2-2:1997—Home and building electronic systems (HBES)—Part 2-2: System overview—General technical requirements; Amendment 1:2003.

EN 50091-2:1996—Uninterruptible power systems (UPS)—Part 2: EMC requirements.

EN 50130-4:2003—Alarm systems—Part 4: Electromagnetic compatibility—Product family standard: Immunity requirements for components of fire, intruder, and social alarm systems; Amendment 1:1998.

EN 50199:1996—Electromagnetic compatibility (EMC)—Product standard for arc welding equipment; Amendment 1:1998.

EN 50227:1999—Control circuit devices and switching elements, proximity sensors, dc interface for proximity sensors and switching amplifiers (NAMUR).

EN 50263:2000—Electromagnetic compatibility (EMC)—Product standard for measuring relays and protection equipment.

EN 50270:1999—Electromagnetic compatibility—Electrical apparatus for the detection and measurement of combustible gases, toxic gases, or oxygen.

EN 55011:1998—Industrial, scientific, and medical (ISM) radio-frequency equipment—Radio disturbance characteristics—Limits and methods of measurement; Amendment 1:1999; Amendment 2:2003.

EN 55013:2001—Limits and methods of measurement of radio disturbance characteristics of broadcast receivers and associated equipment; Amendment 1:2003.

EN 55014-1:2001—Electromagnetic compatibility—Requirements for household appliances, electric tools, and similar apparatus—Part 1: Emission—Product family standard; Amendment 2:2003.

EN 55014-2:1997—Electromagnetic compatibility—Requirements for household appliances, electric tools, and similar apparatus—Part 2: Immunity—Product family standard; Amendment 2:2002.

EN 55015:2001—Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment; Amendment 2:2004.

EN 55020:2002—Electromagnetic immunity of broadcast receivers and associated equipment; Amendment 1:2003.

EN 55022:1998—Information technology equipment—Radio disturbance characteristics—Limits and methods of measurement; Amendment 1:2000; Amendment 2:2003.

EN 55024:1998—Information technology equipment—Immunity characteristics—Limits and methods of measurement; Amendment 1:2001.

EN 55103-1:1997—Electromagnetic compatibility—Product family standard for audio, video, audiovisual, and entertainment lighting control apparatus for professional use—Part 1: Emission.

EN 55103-2:1997—Electromagnetic compatibility—Product family standard for audio, video, audiovisual, and entertainment lighting control apparatus for professional use—Part 2: Immunity.

EN 55104:1995—Electromagnetic compatibility—Immunity requirements for household appliances, tools, and similar apparatus—Product family standard; Amendment 1:1998.

EN 60204-31:1998—Safety of machinery—Electrical equipment of machines—Part 31: Particular safety and EMC requirements for sewing machines, units, and systems; Corrigendum:2001.

EN 60439-1:1999—Low-voltage switch gear and control gear assemblies—Part 1: Type-tested and partially type-tested assemblies; Amendment 1:2004.

EN 60521:1995—Class 0.5, 1, and 2 alternating-current watt-hour meters.

EN 60555-2:1982—Disturbances in supply systems caused by household appliances and similar electrical equipment—Part 2: Harmonics; Amendment 3:1991.

EN 60555-3:1982—Disturbances in supply systems caused by household appliances and similar electrical equipment—Part 3: Voltage fluctuations; Amendment 1:1991.

EN 60669-2-1:2004—Switches for household and similar fixed electrical installations—Part 2: Particular requirements—Section 1: Electronic switches.

EN 60669-2-2:1998—Switches for household and similar fixed electrical installations—Part 2: Particular requirements—Section 2: Electromagnetic remote-control switches (RCS).

EN 60669-2-3:1999—Switches for household and similar fixed electrical installations—Part 2-3: Particular requirements—Time-delay switches (TDS).

EN 60687:1993—Alternating current static watt-hour meters for active energy (classes 0.2 S and 0.5 S); Amendment 1:1993.

EN 60730-1:1995—Automatic electrical controls for household and similar use—Part 1: General requirements; Amendment 6:2004.

EN 60730-2-11:1994—Automatic electrical controls for household and similar use—Part 2-11: Particular requirements for energy regulators; Amendment 1:1997; Amendment 2:1998.

EN 60730-2-13:1998—Automatic electrical controls for household and similar use—Part 2-13: Particular requirements for humidity sensing controls; Amendment 1:2002.

EN 60730-2-14:1998—Automatic electrical controls for household and similar use—Part 2-14: Particular requirements for electric actuators; Amendment 1:2002.

EN 60730-2-18:1999—Automatic electrical controls for household and similar use—Part 2-18: Particular requirements for automatic electrical water and air-flow sensing controls, including mechanical requirements.

EN 60870-2-1:1996—Telecontrol equipment and systems—Part 2: Operating conditions—Section 1: Power supply and electromagnetic compatibility.
EN 60945:2002—Maritime navigation and radiocommunication equipment and systems—General requirements—Methods of testing and required test results.
EN 60947-1:2004—Low-voltage switch gear and control gear—Part 1: General rules.
EN 60947-2:2003—Low-voltage switch gear and control gear—Part 2: Circuit breakers.
EN 60947-3:1999—Low-voltage switch gear and control gear—Part 3: Switches, disconnectors, switch-disconnectors, and fuse-combination units; Amendment 1:2002.
EN 60947-4-1:2001—Low-voltage switch gear and control gear—Part 4-1: Contactors and motor starters—Electromechanical contactors and motor starters; Amendment 1:2003.
EN 60947-4-2:2000—Low-voltage switch gear and control gear—Part 4-2: Contactors and motor starters—Ac semiconductor motor controllers and starters; Amendment 1:2002.
EN 60947-4-3:2000—Low-voltage switch gear and control gear—Part 4-3: Contactors and motor starters—Ac semiconductor controllers and contactors for nonmotor loads.
EN 60947-5-1:2004—Low-voltage switch gear and control gear—Part 5-1: Control circuit devices and switching elements—Electromechanical control circuit devices.
EN 60947-5-2:1999—Low-voltage switch gear and control gear—Part 5-2: Control circuit devices and switching elements—Proximity switches; Amendment 2:2004.
EN 60947-5-3:1999—Low-voltage switch gear and control gear—Part 5-3: Control circuit devices and switching elements—Requirements for proximity devices with defined behavior under fault conditions (PDF).
EN 60947-5-6:2001—Low-voltage switch gear and control gear—Part 5-6: Control circuit devices and switching elements—Dc interface for proximity sensors and switching amplifiers (NAMUR).
EN 60947-6-1:1992—Low-voltage switch gear and control gear—Part 6-1: Multiple-function equipment—Automatic transfer switching equipment; Amendment 2:1997; Amendment 4:1998.
EN 60947-6-2:2003—Low-voltage switch gear and control gear—Part 6-2: Multiple-function equipment—Control and protective switching devices (or equipment) (CPS).
EN 61000-3-2:2001—Electromagnetic compatibility (EMC)—Part 3-2: Limits—Limits for harmonic current emissions (equipment input current up to and including 16 A per phase).
EN 61000-3-3:1995—Electromagnetic compatibility (EMC)—Part 3-3: Limits—Limitation of voltage fluctuations and flicker in low-voltage supply systems for equipment with rated current less than or equal to 16 A per phase and not subject to conditional connection; Amendment 1:2001; Amendment 2:2002.
EN 61000-3-11:2001—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 less than or equal to 75 A and subject to conditional connection. Corrigendum: 2001.
EN 61000-6-1:2001—Electromagnetic compatibility (EMC)—Part 6-1: Generic standards—Immunity for residential, commercial, and light-industrial environments.
EN 61000-6-2:2001—Electromagnetic compatibility (EMC)—Part 6-2: Generic standards—Immunity for industrial environments.
EN 61000-6-3:2001—Electromagnetic compatibility (EMC)—Part 6-3: Generic standards—Emission standard for residential, commercial, and light-industrial environments.
EN 61000-6-4:2001—Electromagnetic compatibility (EMC)—Part 6-4: Generic standards—Emission standard for industrial environments.
EN 61008-1:1995—Electrical accessories—Residual current–operated circuit breakers (RCCBs) without integral overcurrent protection for household and similar uses—Part 1: General rules; Amendment 3:2001.
EN 61009-1:1995—Electrical accessories—Residual current–operated circuit breakers (RCCBs) with integral overcurrent protection for household and similar uses—Part 1: General rules; Amendment 2:1999.
EN 61036:1997—Alternating current static watthour meters for active energy (classes 1 and 2); Amendment 1:2002.
EN 61037:1992—Electricity metering—Tariff and load control—Particular requirements for electronic ripple control receivers; Amendment 1:1996; Amendment 2:1998.
EN 61038:1993—Electricity metering—Tariff and load control—Particular requirements for time switches; Amendment 2:2000.
EN 61131-2:2003—Programmable controllers—Part 2: Equipment requirements and tests; Amendment 1:2004.
EN 61204-3:2001—Low-voltage power supplies, dc output—Part 3: Electromagnetic compatibility (EMC). Corrigendum: 2003.
EN 61268:1996—Alternating current static varhour meters for reactive energy (classes 2 and 3).
EN 61326:1998—Electrical equipment for measurement, control, and laboratory use—EMC requirements. Reaffirmed: 2005
EN 61543:1996—Residual current–operated protective devices (RCDs) for household and similar use—Electromagnetic compatibility; Amendment 1:2003.
EN 61547:1996—Equipment for general lighting purposes—EMC immunity requirements; Amendment 1:2001.
EN 61800-3:1997—Adjustable speed electrical power drive systems—Part 3: EMC product standard including specific test methods; Amendment 1:2001.
EN 61812-1:1991—Specified time relays for industrial use—Part 1: Requirements and tests; Amendment 1:1997.

CEN

EN 12015:1998—Electromagnetic compatibility—Product family standard for lifts, escalators, and passenger conveyors—Emission.
EN 12016:1998—Electromagnetic compatibility—Product family standard for lifts, escalators, and passenger conveyors—Immunity.
EN ISO 14982:1998—Agricultural and forestry machines—Electromagnetic compatibility—Test methods and acceptance criteria (ISO 14982:1998).

ETSI

EN 300 065-2 V1.1.1 (05-2001)—Electromagnetic compatibility and radio spectrum matters (ERM); Narrow-band direct-printing telegraph equipment for receiving meteorological or navigational information (Navtex); Part 2: Harmonized EN covering essential requirements of Article 3.2 of the R&TTE Directive.
EN 300 065-3 V1.1.1 (05-2001)—Electromagnetic compatibility and radio spectrum matters (ERM); Narrow-band direct-printing telegraph equipment for receiving meteorological or navigational information (Navtex); Part 3: Harmonized EN covering essential requirements of Article 3.3 (e) of the R&TTE Directive.
EN 300 086-2 V1.1.1 (03-2001)—Electromagnetic compatibility and radio spectrum matters (ERM); Land mobile service; Radio equipment with an internal or external RF connector intended primarily for analog speech; Part 2: Harmonized EN covering essential requirements under Article 3.2 of the R&TTE Directive.
EN 300 113-2 V1.2.1 (04-2002)—Electromagnetic compatibility and radio spectrum matters (ERM); Land mobile service; Radio equipment intended for the transmission of data (and speech) and having an antenna connector; Part 2: Harmonized EN covering essential requirements under Article 3.2 of the R&TTE Directive.
EN 300 135-2 V1.1.1 (08-2000)—Electromagnetic compatibility and radio spectrum matters (ERM); Angle-modulated citizens band radio equipment (CEPT PR 27 Radio Equipment); Part 2: Harmonized EN covering essential requirements under Article 3.2 of the R&TTE Directive.
EN 300 152-2 V1.1.1 (08-2000)—Electromagnetic compatibility and radio spectrum matters (ERM); Maritime emergency position indicating radio beacons (EPIRBs) intended for use on the frequency 121.5 MHz or the frequencies 121.5 MHz and 243 MHz for homing purposes only; Part 2: Harmonized R&TTE Directive.
EN 300 152-3 V1.1.1 (05-2001)—Electromagnetic compatibility and radio spectrum matters (ERM); Maritime emergency position indicating radio beacons (EPIRBs) intended for use on the frequency 121.5 MHz or the frequencies 121.5 MHz and 243 MHz for homing purposes only; Part 3: Harmonized EN under Article 3.3 (e) of the R&TTE Directive.
EN 300 162-2 V1.1.2 (12-2000)—Electromagnetic compatibility and radio spectrum matters (ERM); Radiotelephone transmitters and receivers for the maritime mobile service operating in VHF bands; Part 2: Harmonized EN covering essential requirements under Article 3.3 of the R&TTE Directive.
EN 300 162-3 V1.1.1 (05-2001)—Electromagnetic compatibility and radio spectrum matters (ERM); Radiotelephone transmitters and receivers for the maritime mobile service operating in VHF bands; Part 3: Harmonized EN covering essential requirements under Article 3.3 (e) of the R&TTE Directive.
EN 300 197 V1.4.1 (02-2001)—Transmission and multiplexing (TM); Parameters for radio relay systems for the transmission of digital signals and analog video signals operating at 38 GHz.
EN 300 198 V1.5.1 (07-2002)—Transmission and multiplexing (TM); Parameters for radio relay systems for the transmission of digital signals and analog video signals operating at 23 GHz.
EN 300 219-2 V1.1.1 (03-2001)—Electromagnetic compatibility and radio spectrum matters (ERM); Land mobile service; Radio equipment with an internal or external RF connector intended primarily for analog speech; Part 2: Harmonized EN covering essential requirements under Article 3.2 of the R&TTE Directive.
EN 300 220-1 V1.2.1 (11-1997)—Electromagnetic compatibility and radio spectrum matters (ERM); Short-range devices; Technical characteristics and test methods for radio equipment to be used in the 25 to 1000 MHz frequency range with power levels ranging up to 500 mW; Part 1:

Parameters intended for regulatory purposes.

EN 300 220-3 V1.1.1 (09-2000)—Electromagnetic compatibility and radio spectrum matters (ERM); Short-range devices (SRD); Radio equipment to be used in the 25 MHz to 1000 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 300 224-2 V1.1.1 (01-2001)—Electromagnetic compatibility and radio spectrum matters (ERM); On-site paging service; Part 2: Harmonized EN under Article 3.2 of the R&TTE Directive.

EN 300 279 V1.2.1 (02-1999)—Electromagnetic compatibility and radio spectrum matters (ERM); Electromagnetic compatibility (EMC) standard for private land mobile radio (PMR) and ancillary equipment (speech and/or non-speech).

EN 300 296-2 V1.1.1 (03-2001)—Electromagnetic compatibility and radio spectrum matters (ERM); Land mobile service; Radio equipment using integral antennas intended primarily for analog speech; Part 2: Harmonized EN covering essential requirements under Article 3.2 of the R&TTE Directive.

EN 300 328-2 V1.5.1 (08-2004)—Electromagnetic compatibility and radio spectrum matters (ERM); Wideband transmission systems; Data transmission equipment operating in the 2.4 GHz ISM band and using spread-spectrum modulation techniques; Part 2: Harmonized EN covering essential requirements under Article 3.2 of the R&TTE Directive.

EN 300 330-2 V1.2.1 (11-2004)—Electromagnetic compatibility and radio spectrum matters (ERM); 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; Part 2: Harmonized EN under Article 3.2 of the R&TTE Directive.

EN 300 339 V1.1.1 (06-1998)—Electromagnetic compatibility and radio spectrum matters (ERM); General electromagnetic compatibility (EMC) for radio communications equipment.

EN 300 341-2 V1.1.1 (12-2000)—Electromagnetic compatibility and radio spectrum matters (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.

EN 300 385 V1.2.1 (10-1999)—Electromagnetic compatibility and radio spectrum matters (ERM); Electromagnetic compatibility (EMC) standard for fixed radio links and ancillary equipment.

EN 300 385/A1:1997—Radio equipment and systems (RES); Electromagnetic compatibility (EMC) standard for fixed radio links and ancillary equipment with data rates at around 2 Mbit/sec and above.

EN 300 386 V1.3.2 (05-2003)—Electromagnetic compatibility and radio spectrum matters (ERM); Telecommunication network equipment; Electromagnetic compatibility (EMC) requirements.

EN 300 386-2 V1.1.3 (12-1997)—Electromagnetic compatibility and radio spectrum matters (ERM); Telecommunication network equipment; Electromagnetic compatibility (EMC) requirements; Part 2: Product family standard.

EN 300 390-2 V1.2.1 (09-2000)—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 2: Harmonized EN covering essential requirements under Article 3.2 of the R&TTE Directive.

EN 300 422-2 V1.1.1 (08-2000)—Electromagnetic compatibility and radio spectrum matters (ERM); Wireless microphones in the 25 MHz to 3 GHz frequency range; Part 2: Harmonized EN under Article 3.2 of the R&TTE Directive.

EN 300 433-2 V1.1.2 (12-2000)—Electromagnetic compatibility and radio spectrum matters (ERM); Land mobile service; Double sideband (DSB) and/or single sideband (SSB) amplitude modulated citizens band radio equipment; Part 2: Harmonized EN covering essential requirements under Article 3.2 of the R&TTE Directive.

EN 300 440-2 V1.1.2 (07-2004)—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.

EN 300 454-2 V1.1.1 (08-2000)—Electromagnetic compatibility and radio spectrum matters (ERM); Wide band audio links; Part 2: Harmonized EN under Article 3.2 of the R&TTE Directive.

EN 300 673 V1.2.1 (03-2000)—Radio equipment and systems (RES); Electromagnetic compatibility (EMC) standard for 4/6 GHz and 11/12/14 GHz very small aperture terminal (VSAT) equipment and 11/12/13/14 GHz satellite news gathering (SNG) transportable earth station (TES) equipment.

EN 300 827 V1.1.1 (03-1998)—Electromagnetic compatibility and radio spectrum matters (ERM); Electromagnetic compatibility (EMC) standard for terrestrial trunked radio (TETRA) and ancillary equipment.

EN 300 828 V1.1.1 (03-1998)—Electromagnetic compatibility and radio spectrum matters (ERM); Electromagnetic compatibility (EMC) for radiotelephone transmitters and receivers for the maritime mobile service operating in the VHF bands.

EN 300 829 V1.1.1 (03-1998)—Electromagnetic compatibility and radio spectrum matters (ERM); Electromagnetic compatibility (EMC) for maritime mobile earth stations (MMES) operating in the 1.5/1.6 GHz bands providing low-bit-rate data communications (LBRDC) for the global maritime distress and safety system (GMDSS).

EN 300 830 V1.1.1 (03-1998)—Electromagnetic compatibility and radio spectrum matters (ERM); Electromagnetic compatibility (EMC) for receive-only mobile earth stations (ROMES) operating in the 1.5 GHz band providing data communications.

EN 300 831 V1.1.1 (10-1999)—Electromagnetic compatibility and radio spectrum matters (ERM); Electromagnetic compatibility (EMC) for mobile earth stations (MES) used within satellite personal communications networks (S-PCN) operating in the 1.5/1.6/2.4 GHz and 2 GHz frequency bands.

EN 301 011 V1.1.1 (09-1998)—Electromagnetic compatibility and radio spectrum matters (ERM); Electromagnetic compatibility (EMC) for narrow-band direct-printing (NBDP) Navtex receivers operating in the maritime mobile service.

EN 301 025-2 V1.2.1 (09-2004)—Electromagnetic compatibility and radio spectrum matters (ERM); VHF radiotelephone equipment for general communications and associated equipment for Class 'D' digital selective calling (DSC); Part 2: Harmonized EN under Article 3.2 of the R&TTE Directive.

EN 301 025-3 V1.2.1 (09-2004)—Electromagnetic compatibility and radio spectrum matters (ERM); VHF radiotelephone equipment for general communications and associated equipment for Class 'D' digital selective calling (DSC); Part 3: Harmonized EN under Article 3.3 (e) of the R&TTE Directive.

EN 301 090 V1.1.1 (09-1998)—Electromagnetic compatibility and radio spectrum matters (ERM); Electromagnetic compatibility (EMC) for maritime radiotelephone watch receivers operating on 2182 kHz (Historical).

EN 301 357-2 V1.2.1 (06-2001)—Electromagnetic compatibility and radio spectrum matters (ERM); Cordless audio devices in the range 25 MHz to 2000 MHz; Consumer radio microphones and in-ear monitoring systems operating in the CEPT harmonized band 863 MHz to 865 MHz; Part 2: Harmonized EN under Article 3.2 of the R&TTE Directive.

ETS 300 329 Ed. 2 (06-1997)—Radio equipment and systems (RES); Electromagnetic compatibility (EMC) for digital enhanced cordless telecommunications (DECT) equipment.

ETS 300 340/A1 Ed. 1 (03-1997)—Radio equipment and systems (RES); Electromagnetic compatibility (EMC) for European radio message system (ERMES) paging receivers.

ETS 300 342-1 Ed. 2 (06-1997)—Radio equipment and systems (RES); Electromagnetic compatibility (EMC) for European digital cellular telecommunications system (GSM 900 MHz and DCS 1800 MHz); Part 1: Mobile and portable radio and ancillary equipment.

ETS 300 384/A1 Ed. 1 (02-1997)—Radio broadcasting systems; Very-high frequency (VHF), frequency modulated, sound broadcasting transmitters.

ETS 300 445/A1 Ed. 1 (03-1997)—Radio equipment and systems (RES); Electromagnetic compatibility (EMC) standard for wireless microphones and similar radio-frequency (RF) audio link equipment.

ETS 300 446 Ed. 2 (03-1997)—Radio equipment and systems (RES); Electromagnetic compatibility (EMC) standard for second-generation cordless telephone (CT2) apparatus operating in the frequency band 864.1 to 868.1 MHz, including public access services.

ETS 300 447 Ed. 1 (03-1997)—Radio equipment and systems (RES); Electromagnetic compatibility (EMC) standard for VHF FM broadcasting transmitters.

ETS 300 454:1995—Radio equipment and systems (RES); Wideband audio links; Technical characteristics and test methods; Amendment 1:1997.

ETS 300 460 A1 Ed. 1 (11-1997)—Satellite earth stations and systems (SES); Maritime mobile earth stations (MMES) operating in the 1.5/1.6 GHz bands providing low-bit-rate data communications (LBRDCs) for the global maritime distress and safety system (GMDSS); Technical characteristics and methods of measurement.

ETS 300 487/A1 (11-1997)—Satellite earth stations and systems (SES); Receive-only mobile earth stations (ROMES) operating in the 1.5 GHz band providing data communications; Radio-frequency (RF) specifications.

ETS 300 680 Ed. 1 (03-1997)—Radio equipment and systems (RES); Electromagnetic compatibility (EMC) standard for citizens band (CB) radio and ancillary equipment (speech and/or nonspeech); Part 1: Angle modulated; Part 2: Double sideband (DSB) and/or single sideband (SSB).

ETS 300 682 Ed. 1 (06-1997)—Radio equipment and systems (RES); Electromagnetic compatibility (EMC) standard for on-site paging equipment.
ETS 300 683 Ed. 1 (06-1997)—Radio equipment and systems (RES); Electromagnetic compatibility (EMC) standard for short-range devices (SRD) operating on frequencies between 9 kHz and 25 GHz.
ETS 300 684 Ed. 1 (01-1997)—Radio equipment and systems (RES); Electromagnetic compatibility (EMC) standard for commercially available amateur radio equipment.
ETS 300 717 Ed. 1 (04-1998)—Electromagnetic compatibility and radio spectrum matters (ERM); Electromagnetic compatibility (EMC) for analog cellular radio communications equipment; Mobile and portable equipment.
ETS 300 719-1 Ed. 1 (07-1997)—Radio equipment and systems (RES); Private wide-area paging service; Part 1: Technical characteristics for private wide-area paging system.
ETS 300 741 Ed. 1 (01-1998)—Electromagnetic compatibility and radio spectrum matters (ERM); Electromagnetic compatibility (EMC) standard for wide-area paging equipment.
ETS 300 826 Ed. 1 (11-1997)—Electromagnetic compatibility and radio spectrum matters (ERM); Electromagnetic compatibility (EMC) standard for 2.4 GHz wideband transmission systems and high-performance radio local-area network (HIPERLAN) equipment.

Australian Standards

AS/NZS CISPR 11—Limits and methods of measurement of electromagnetic disturbance characteristics of industrial, scientific, and medical (ISM) radio-frequency equipment.
AS/NZS CISPR 12—Limits and methods of measurement of radio interference characteristics of vehicles, motor boats, and spark-ignited engine-driven vehicles.
AS/NZS CISPR 13—Limits and methods of measurement of radio interference characteristics of sound and television receivers and associated equipment.
AS/NZS CISPR 14.1:2003—Electromagnetic compatibility—Requirements for household appliances, electric tools, and similar apparatus—Emission.
AS/NZS CISPR 15:2002—Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment.
AS/NZS CISPR 22—Limits and methods of measurement of radio disturbance characteristics of information technology equipment.
AS/NZS 3652:1998—Electromagnetic compatibility—Arc welding equipment.
AS/NZS 4251.1:1999—Electromagnetic compatibility (EMC)—Generic emission standard—Residential, commercial, and light industry.
AS/NZS 4251.2:1999—Electromagnetic compatibility (EMC)—Generic emission standard—Industrial environments.
AS 62040.2—Uninterruptible power systems—Electromagnetic compatibility (EMC) requirements.

Canadian Standards

CAN/CSA C108.1.1:1977—Electromagnetic interference measuring instrument—CISPR type. Reaffirmed: 2003.
CAN/CSA C108.1.2:M1981—Electromagnetic interference measuring instrument—ANSI type. Reaffirmed: 2003.
CAN/CSA C108.1.5-M85—Line impedance stabilization network (LISN). Reaffirmed: 2003.
CAN/CSA C108.3.1-M84—Limits and measurement methods of electromagnetic noise from ac power systems, 0.15–30 MHz. Reaffirmed: 1993.
CAN/CSA-C108.4-M92—Limits and methods of measurement of radio interference characteristics of vehicles, motorboats, and spark-ignited engine-driven devices. Reaffirmed: 2003.
CAN/CSA-C108.6-M91—Limits and methods of measurement of electromagnetic disturbance characteristics of industrial, scientific, and medical (ISM) radio-frequency equipment (adopted CISPR 11:1990). Reaffirmed: 2003.
CAN/CSA C108.8-M83—Limits and methods of measurement of electromagnetic emissions from data processing equipment and electronic office machines. Reaffirmed: 2000.
CAN/CSA-C108.9-M91—Sound and television broadcasting receivers and associated equipment—limits and methods of measurement of immunity characteristics. Reaffirmed: 2003.
CAN/CSA-CEI/IEC 1000-1-1-97 (R2001)—Electromagnetic compatibility (EMC)—Part 1: General—Section 1: Application and interpretation of fundamental definitions and terms (adopted CEI/IEC 1000-1-1:1992).
CAN/CSA-CEI/IEC 1000-2-1-97—Electromagnetic compatibility (EMC)—Part 2: Environment—Section 1: Description of the environment—Electromagnetic environment for low frequency conducted disturbances and signalling in public power supply systems (adopted CEI/IEC 1000-2-1:1990). Reaffirmed: 2001.
CAN/CSA CISPR 22-02—Information technology equipment—Radio disturbance characteristics—Limits and methods of measurement.
CAN/CSA E1000-2-2:1997 (R2001)—Electromagnetic compatibility (EMC)—Part 2: Environment—Section 2: Compatibility levels for low frequency conducted disturbances and signalling in public low-voltage power supply systems (adopted CEI/IEC 1000-2-2:1990).
CAN/CSA-CEI/IEC 61000-4-2B-01—Electromagnetic compatibility (EMC)—Part 4-2: Testing and measurement techniques—Electrostatic discharge immunity test (Adopted CEI/IEC 61000-4-2:1995 + A1:1998, edition 1.1, 1999-05).
CAN/CSA-CEI/IEC 61000-4-3-01—Electromagnetic compatibility (EMC)—Part 4-3: Testing and measurement techniques—Radiated, radio-frequency, electromagnetic field immunity test (Adopted CEI/IEC 61000-4-3:1995 + A1:1998, Edition 1.1, 1998-11).
CAN/CSA-CEI/IEC 61000-4-4B-01—Electromagnetic compatibility (EMC)—Part 4: Testing and measurement techniques—Section 4: Electrical fast transient/burst immunity test—Basic EMC publication (Adopted CEI/IEC 1000-4-4:1995, first edition, 1995-01, including Amendment 1:2000).
CAN/CSA-CEI/IEC 61000-4-5-01—Electromagnetic compatibility (EMC)—Part 4: Testing and measurement techniques—Section 5: Surge immunity test (Adopted CEI/IEC 1000-4-5:1995, first edition, 1995-02, including Corrigendum October 1995 and Amendment 1:2000).
CAN/CSA-CEI/IEC 61000-4-6-01—Electromagnetic compatibility (EMC)—Part 4: Testing and measurement techniques—Section 6: Immunity to conducted disturbances, induced by radio-frequency fields (Adopted CEI/IEC 1000-4-6:1996, first edition, 1996-03, including Corrigendum September 1996 and Amendment 1:2000).
CAN/CSA-CEI/IEC 61000-4-8-02—Electromagnetic compatibility (EMC)—Part 4-8: Testing and measurement techniques—Power frequency magnetic field immunity test (Adopted CEI/IEC 61000-4-8:1993 + A1:2000, edition 1.1, 2001-03).
CAN/CSA-CEI/IEC 61000-4-9-02—Electromagnetic compatibility (EMC)—Part 4-9: Testing and measurement techniques—Pulse magnetic field immunity test (Adopted CEI/IEC 61000-4-9:1993 + A1:2000, edition 1.1, 2001-03).
CAN/CSA-CEI/IEC 61000-4-11-01—Electromagnetic compatibility (EMC)—Part 4: Testing and measuring techniques—Section 11: Voltage dips, short interruptions, and voltage variations immunity tests (Adopted CEI/IEC 1000-4-11:1994, first edition, 1994-06 including Amendment 1:2000).
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