

**Commission communication in the framework of the implementation of Council Directive
1999/5/EC**

(2002/C 304/03)

(Text with EEA relevance)

(Publication of titles and references of harmonised standards under the Directive)

| ESO ⁽¹⁾ | Reference and title of the standard | Reference document | Reference of the superseded standard | Date of cessation of presumption of conformity of the superseded standard Note 1 | Article 1999/5/EC |
|--------------------|---|--------------------|--------------------------------------|---|--|
| Cenelec | EN 41003:1998 Particular safety requirements for equipment to be connected to telecommunication networks | | EN 41003:1996 Note 2.1 | Date expired (1.1.2002) | Article 3(1)(a) (and Article 2 73/23/EEC) |
| Cenelec | EN 50081-1:1992 Electromagnetic compatibility — Generic emission standard — Part 1: Residential, commercial and light industry | | None | — | Article 3(1)(b) (and Article 4 89/336/EEC) |
| Cenelec | EN 50081-2:1993 Electromagnetic compatibility — Generic emission standard — Part 2: Industrial environment | | None | — | Article 3(1)(b) (and Article 4 89/336/EEC) |
| Cenelec | EN 50082-1:1997 Electromagnetic compatibility — Generic immunity standard — Part 1: Residential, commercial and light industry | | EN 50082-1:1992 Note 2.1 | Date expired (1.7.2001) | Article 3(1)(b) (and Article 4 89/336/EEC) |
| Cenelec | EN 50083-1:1993 Cable networks for television signals, sound signals and interactive services — Part 1: Safety requirements Amendment A2:1997 to EN 50083-1:1993 | | None Note 3 | — — | Article 3(1)(a) (and Article 2 73/23/EEC) |
| Cenelec | EN 50360:2001 Product standard to demonstrate the compliance of mobile phones with the basic restrictions related to human exposure to electromagnetic fields (300 MHz-3 GHz) | | None | — | Article 3(1)(a) |
| Cenelec | EN 50364:2001 Limitation of human exposure to electromagnetic fields from devices operating in the frequency range 0 Hz to 10 GHz, used in electronic article surveillance (EAS), radio frequency identification (RFID) and similar applications | | None | — | Article 3(1)(a) (and Article 2 73/23/EEC) |
| Cenelec | EN 50371:2002 Generic standard to demonstrate the compliance of low power electronic and electrical apparatus with the basic restrictions related to human exposure to electromagnetic fields (10 MHz-300 GHz) — General public | | None | — | Article 3(1)(a) (and Article 2 73/23/EEC) |

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|---------|---|--|--|---|---|
| Cenelec | EN 50385:2002 Product standard to demonstrate the compliance of radio base stations and fixed terminal stations for wireless telecommunication systems with the basic restrictions or the reference levels related to human exposure to radio frequency electromagnetic fields (110 MHz-40 GHz) — General public | | None | — | Article 3(1)(a) |
| Cenelec | EN 55022:1994 Limits and methods of measurement of radio disturbance characteristics of information technology equipment Amendment A1:1995 to EN 55022:1994 Amendment A2:1997 to EN 55022:1994 | CISPR 22:1993 CISPR 22:1993 /A1:1995 CISPR 22:1993 /A2:1996 (modified) | EN 55022:1987 Note 2.1 Note 3 Note 3 | Date expired (31.12.1998) Date expired (31.12.1998) Date expired (31.12.1998) | Article 3(1)(b) (and Article 4 89/336/EEC) |
| Cenelec | EN 55022:1998 Information technology equipment — Radio disturbance characteristics — Limits and methods of measurement Amendment A1:2000 to EN 55022:1998 | CISPR 22:1997 (modified) CISPR 22:1997 /A1:2000 | EN 55022:1994 and its amendments Note 2.1 Note 3 | 1.8.2003 1.8.2003 | Article 3(1)(b) (and Article 4 89/336/EEC) |
| Cenelec | EN 55024:1998 Information technology equipment — Immunity characteristics — Limits and methods of measurement Amendment A1:2001 to EN 55024:1998 | CISPR 24:1997 (modified) CISPR 24:1997 /A1:2001 | Relevant generic standard(s) Note 2.3 Note 3 | Date expired (1.7.2001) 1.10.2004 | Article 3(1)(b) (and Article 4 89/336/EEC) |
| Cenelec | EN 60065:1998 Audio, video and similar electronic apparatus — Safety requirements | IEC 60065:1998 (modified) | EN 60065:1993 +A11:1997 Note 2.1 | Date expired (1.8.2002) | Article 3(1)(a) (and Article 2 73/23/EEC) |
| Cenelec | EN 60065:2002 Audio, video and similar electronic apparatus — Safety requirements | IEC 60065:2001 (modified) | EN 60065:1998 Note 2.1 | 1.3.2007 | Article 3(1)(a) (and Article 2 73/23/EEC) |
| Cenelec | EN 60215:1989 Safety requirements for radio transmitting equipment Amendment A1:1992 to EN 60215:1989 Amendment A2:1994 to EN 60215:1989 | IEC 60215:1987 IEC 60215:1987 /A1:1990 IEC 60215:1987 /A2:1993 | None Note 3 Note 3 | — Date expired (1.6.1993) Date expired (15.7.1995) | Article 3(1)(a) (and Article 2 73/23/EEC) |

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| Cenelec | EN 60825-1:1994 Safety of laser products — Part 1: Equipment classification, requirements and user's guide Amendment A11:1996 to EN 60825-1:1994 Amendment A2:2001 to EN 60825-1:1994 | IEC 60825-1:1993 IEC 60825-1:1993 /A2:2001 | None Note 3 Note 3 | — Date expired (1.1.1997) 1.1.2004 | Article 3(1)(a) (and Article 2 73/23/EEC) |
| Cenelec | EN 60825-2:1994 Safety of laser products — Part 2: Safety of optical fibre communication systems Amendment A1:1998 to EN 60825-2:1994 | IEC 60825-2:1993 IEC 60825-2:1993 /A1:1997 | None Note 3 | — Date expired (1.10.1998) | Article 3(1)(a) (and Article 2 73/23/EEC) |
| Cenelec | EN 60825-2:2000 Safety of laser products — Part 2: Safety of optical fibre communication systems | IEC 60825-2:2000 | EN 60825-2:1994 and its amendment Note 2.1 | 1.4.2003 | Article 3(1)(a) (and Article 2 73/23/EEC) |
| Cenelec | EN 60825-4:1997 Safety of laser products — Part 4: Laser guards | IEC 60825-4:1997 | None | — | Article 3(1)(a) (and Article 2 73/23/EEC) |
| Cenelec | EN 60950:1992 Safety of information technology equipment Amendment A1:1993 to EN 60950:1992 Amendment A2:1993 to EN 60950:1992 Amendment A3:1995 to EN 60950:1992 Amendment A4:1997 to EN 60950:1992 Amendment A11:1997 to EN 60950:1992 | IEC 60950:1991 (modified) IEC 60950:1991 /A1:1992 IEC 60950:1991 /A2:1993 (modified) IEC 60950:1991 /A3:1995 (modified) IEC 60950:1991 /A4:1996 (modified) | None Note 3 Note 3 Note 3 Note 3 Note 3 | — Date expired (1.3.2000) Date expired (1.3.2000) Date expired (1.1.2002) 1.8.2003 1.8.2003 | Article 3(1)(a) (and Article 2 73/23/EEC) |
| Cenelec | EN 60950:2000 Safety of information technology equipment | IEC 60950:1999 (modified) | EN 60950:1992 and its amendments Note 2.1 | 1.1.2005 | Article 3(1)(a) (and Article 2 73/23/EEC) |
| Cenelec | EN 60950-1:2001 Information technology equipment — Safety — Part 1: General requirements | IEC 60950-1:2001 (modified) | EN 60950:2000 Note 2.1 | 1.7.2006 | Article 3(1)(a) (and Article 2 73/23/EEC) |

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|---------|---|--|--|---|--|
| Cenelec | EN 61000-3-2:1995 Electromagnetic compatibility (EMC) — Part 3-2: Limits — Limits for harmonic current emissions (equipment input current up to and including 16 A per phase) Amendment A1:1998 to EN 61000-3-2:1995 Amendment A2:1998 to EN 61000-3-2:1995 Amendment A14:2000 to EN 61000-3-2:1995 | IEC 61000-3-2:1995 IEC 61000-3-2:1995 /A1:1997 IEC 61000-3-2:1995 /A2:1998 | Relevant generic standard(s) Note 2.3 Note 3 Note 3 Note 3 | Date expired (1.1.2001) Date expired (1.1.2001) Date expired (1.1.2001) 1.1.2004 | Article 3(1)(b) (and Article 4 89/336/EEC) |
| Cenelec | EN 61000-3-2:2000 Electromagnetic compatibility (EMC) — Part 3-2: Limits — Limits for harmonic current emissions (equipment input current up to and including 16 A per phase) | IEC 61000-3-2:2000 (modified) | EN 61000-3-2:1995 and its amendments Note 2.1 | 1.1.2004 | Article 3(1)(b) (and Article 4 89/336/EEC) |
| Cenelec | EN 61000-3-3:1995 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 Amendment A1:2001 to EN 61000-3-3:1995 | IEC 61000-3-3:1994 IEC 61000-3-3:1994 /A1:2001 | Relevant generic standard(s) Note 2.3 Note 3 | Date expired (1.1.2001) 1.5.2004 | Article 3(1)(b) (and Article 4 89/336/EEC) |
| Cenelec | EN 61000-3-11:2000 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 61000-3-11:2000 | Relevant generic standard(s) Note 2.3 | 1.11.2003 | Article 3(1)(b) (and Article 4 89/336/EEC) |
| Cenelec | EN 61000-6-1:2001 Electromagnetic compatibility (EMC) — Part 6-1: Generic standards — Immunity for residential, commercial and light-industrial environments | IEC 61000-6-1:1997 (modified) | EN 50082-1:1997 Note 2.1 | 1.7.2004 | Article 3(1)(b) (and Article 4 89/336/EEC) |
| Cenelec | EN 61000-6-2:1999 Electromagnetic compatibility (EMC) — Part 6-2: Generic standards — Immunity for industrial environments | IEC 61000-6-2:1999 | EN 50082-2:1995 Note 2.1 | Date expired (1.4.2002) | Article 3(1)(b) (and Article 4 89/336/EEC) |
| Cenelec | EN 61000-6-2:2001 Electromagnetic compatibility (EMC) — Part 6-2: Generic standards — Immunity for industrial environments | IEC 61000-6-2:1999 (modified) | EN 61000-6-2:1999 Note 2.1 | 1.7.2004 | Article 3(1)(b) (and Article 4 89/336/EEC) |
| Cenelec | EN 61000-6-3:2001 Electromagnetic compatibility (EMC) — Part 6-3: Generic standards — Emission standard for residential, commercial and light-industrial environments | IEC 61000-6-3:1996 (modified) | EN 50081-1:1992 Note 2.1 | 1.7.2004 | Article 3(1)(b) (and Article 4 89/336/EEC) |

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| Cenelec | EN 61000-6-4:2001 Electromagnetic compatibility (EMC) — Part 6-4: Generic standards — Emission standard for industrial environments | IEC 61000-6-4:1997 (modified) | EN 50081-2:1993 Note 2.1 | 1.7.2004 | Article 3(1)(b) (and Article 4 89/336/EEC) |
| ETSI | EN 300 065-2 V1.1.1 Electromagnetic compatibility and radio spectrum matters (ERM); Narrow-band direct-printing telegraph equipment for receiving meteorological or navigational information (Navtex) — Part 2: Harmonised EN covering essential requirements of Article 3(2) of the R & TTE Directive | | | | Article 3(2) |
| ETSI | EN 300 065-3 V1.1.1 Electromagnetic compatibility and radio spectrum matters (ERM); Narrow-band direct-printing telegraph equipment for receiving meteorological or navigational information (Navtex) — Part 3: Harmonised EN covering essential requirements of Article 3(3)(e) of the R & TTE Directive | | | | Article 3(3) |
| ETSI | EN 300 086-2 V1.2.1 Electromagnetic compatibility and radio spectrum matters (ERM); Land mobile service; Radio equipment with an internal or external RF connector intended primarily for analogue speech — Part 2: Harmonised EN covering essential requirements under Article 3(2) of the R & TTE Directive | | ETS 300 086/A2 (02-1997) | Date expired (31.8.2002) | Article 3(2) |
| ETSI | EN 300 113-2 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: Harmonised EN covering essential requirements under Article 3(2) of the R & TTE Directive | | ETS 300 113/A1 (02-1997) | Date expired (30.9.2002) | Article 3(2) |
| ETSI | EN 300 135-2 V1.1.1 Electromagnetic compatibility and radio spectrum matters (ERM); Angle-modulated citizens band radio equipment (CEPT PR 27 radio equipment) — Part 2: Harmonised EN covering essential requirements under Article 3(2) of R & TTE Directive | | ETS 300 135 | Date expired (30.4.2001) | Article 3(2) |
| ETSI | EN 300 152-2 V1.1.1 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: Harmonised EN under Article 3(2) of the R & TTE Directive | | | | Article 3(2) |

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|---------|--|--------------------|--------------------------------------|---|--|
| ETSI | <p>EN 300 152-3 V1.1.1</p> <p>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: Harmonised EN under Article 3(3)(e) of the R & TTE Directive</p> | | | | Article 3(3) |
| ETSI | <p>EN 300 162-2 V1.1.2</p> <p>Electromagnetic compatibility and radio spectrum matters (ERM); Radiotelephone transmitters and receivers for the maritime mobile service operating in VHF bands — Part 2: Harmonised EN covering essential requirements under Article 3(2) of the R & TTE Directive</p> | | | | Article 3(2) |
| ETSI | <p>EN 300 162-3 V1.1.1</p> <p>Electromagnetic compatibility and radio spectrum matters (ERM); Radiotelephone transmitters and receivers for the maritime mobile service operating in VHF bands — Part 3: Harmonised EN covering essential requirements of Article 3(3)(e) of the R & TTE Directive</p> | | | | Article 3(3) |
| ETSI | <p>EN 300 219-2 V1.1.1</p> <p>Electromagnetic compatibility and radio spectrum matters (ERM); Land mobile service; Radio equipment with an internal or external RF connector intended primarily for analogue speech — Part 2: Harmonised EN covering essential requirements under Article 3(2) of the R & TTE Directive</p> | | | | Article 3(2) |
| ETSI | <p>EN 300 220-3 V1.1.1</p> <p>Electromagnetic compatibility and radio spectrum matters (ERM); Short-range devices (SRD); Radio equipment to be used in the 25 MHz to 1 000 MHz frequency range with power levels ranging up to 500 mW — Part 3: Harmonised EN covering essential requirements under Article 3(2) of the R & TTE Directive</p> | | | | Article 3(2) |
| ETSI | <p>EN 300 224-2 V1.1.1</p> <p>Electromagnetic compatibility and radio spectrum matters (ERM); On-site paging service — Part 2: Harmonised EN under Article 3(2) of the R & TTE Directive</p> | | | | Article 3(2) |
| ETSI | <p>EN 300 279 V1.2.1</p> <p>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)</p> | | ETS 300 279/A1:1997 | Date expired (30.4.2002) | Article 3(1)(b) (and Article 4 89/336/EEC) |

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| ETSI | EN 300 296-2 V1.1.1 Electromagnetic compatibility and radio spectrum matters (ERM); Land mobile service; Radio equipment using integral antennas intended primarily for analogue speech — Part 2: Harmonised EN covering essential requirements under Article 3(2) of the R & TTE Directive | | | | Article 3(2) |
| ETSI | EN 300 328-2 V1.1.1 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: Harmonised EN covering essential requirements under Article 3(2) of the R & TTE Directive | | ETS 300 328/A1:1997 | Date expired (30.4.2001) | Article 3(2) |
| ETSI | EN 300 328-2 V1.2.1 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: Harmonised EN covering essential requirements under Article 3(2) of the R & TTE Directive | | EN 300 328-2 V1.1.1 | 31.8.2003 | Article 3(2) |
| ETSI | EN 300 330-2 V1.1.1 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: Harmonised EN under Article 3(2) of the R & TTE Directive | | | | Article 3(2) |
| ETSI | EN 300 339:1998 Electromagnetic compatibility and radio spectrum (ERM); General electromagnetic compatibility (EMC) for radio communications equipment | | | | Article 3(1)(b) (and Article 4 89/336/EEC) |
| ETSI | EN 300 341-2 V1.1.1 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: Harmonised EN under Article 3(2) of the R & TTE Directive | | | | Article 3(2) |
| ETSI | EN 300 385:1999 Electromagnetic compatibility and radio spectrum matters (ERM); Electromagnetic compatibility (EMC) standard for fixed radio links and ancillary equipment | | ETS 300 385/A1:1997 | 31.12.2002 | Article 3(1)(b) (and Article 4 89/336/EEC) |

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|---------|---|--------------------|--------------------------------------|---|-------------------|
| ETSI | <p>EN 300 390-2 V1.1.1</p> <p>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: Harmonised EN covering essential requirements under Article 3(2) of the R & TTE Directive</p> | | | | Article 3(2) |
| ETSI | <p>EN 300 422-2 V1.1.1</p> <p>Electromagnetic compatibility and radio spectrum matters (ERM); Wireless microphones in the 25 MHz to 3 GHz frequency range — Part 2: Harmonised EN under Article 3(2) of the R & TTE Directive</p> | | | | Article 3(2) |
| ETSI | <p>EN 300 433-2 V1.1.1</p> <p>Electromagnetic compatibility and radio spectrum matters (ERM); Land mobile service; Double-side band (DSB) and/or single-side band (SSB) amplitude modulated citizens band radio equipment — Part 2: Harmonised EN covering essential requirements under Article 3(2) of R & TTE Directive</p> | | | | Article 3(2) |
| ETSI | <p>EN 300 440-2 V1.1.1</p> <p>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: Harmonised EN under Article 3(2) of the R & TTE Directive</p> | | | | Article 3(2) |
| ETSI | <p>EN 300 454-2 V1.1.1</p> <p>Electromagnetic compatibility and radio spectrum matters (ERM); Wideband audio links — Part 2: Harmonised EN under Article 3(2) of the R & TTE Directive</p> | | | | Article 3(2) |
| ETSI | <p>EN 300 471-2 V1.1.1</p> <p>Electromagnetic compatibility and radio spectrum matters (ERM); Land mobile service; Access protocol, occupation rules and corresponding technical characteristics of radio equipment for the transmission of data on shared channels — Part 2: Harmonised EN covering essential requirements under Article 3(2) of the R & TTE Directive</p> | | | | Article 3(2) |
| ETSI | <p>EN 300 698-2 V1.1.1</p> <p>Electromagnetic compatibility and radio spectrum matters (ERM); Radio telephone transmitters and receivers for the maritime mobile service operating in the VHF bands used on inland waterways — Part 2: Harmonised EN under Article 3(2) of the R & TTE Directive</p> | | | | Article 3(2) |

| ESO (1) | Reference and title of the standard | Reference document | Reference of the superseded standard | Date of cessation of presumption of conformity of the superseded standard Note 1 | Article 1999/5/EC |
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| ETSI | EN 300 698-3 V1.1.1 Electromagnetic compatibility and radio spectrum matters (ERM); Radio telephone transmitters and receivers for the maritime mobile service operating in the VHF bands used on inland waterways — Part 3: Harmonised EN under Article 3(3)(e) of the R & TTE Directive | | | | Article 3(3) |
| ETSI | EN 300 718-2 V1.1.1 Electromagnetic compatibility and radio spectrum matters (ERM); Avalanche Beacons; Transmitter-receiver systems — Part 2: Harmonised EN covering essential requirements under Article 3(2) of the R & TTE Directive of Article 3(2) of the R & TTE Directive | | | | Article 3(2) |
| ETSI | EN 300 718-3 V1.1.1 Electromagnetic compatibility and radio spectrum matters (ERM); Avalanche beacons; Transmitter-receiver systems — Part 3: Harmonised EN covering the essential requirements of Article 3(3)(e) of the R & TTE Directive | | | | Article 3(3) |
| ETSI | EN 300 720-2 V1.1.1 Electromagnetic compatibility and radio spectrum matters (ERM); Ultra-High Frequency (UHF) on-board communications systems and equipment — Part 2: Harmonised EN under Article 3(2) of the R & TTE Directive | | | | Article 3(2) |
| ETSI | EN 300 761-2 V1.1.1 Electromagnetic compatibility and radio spectrum matters (ERM); Short-range devices (SRD); Automatic vehicle identification (AVI) for railways operating in the 2,45 GHz frequency range — Part 2: Harmonised standard covering essential requirements under Article 3(2) of the R & TTE Directive | | | | Article 3(2) |
| ETSI | EN 300 827:1998 Electromagnetic compatibility and radio spectrum matters (ERM); Electromagnetic compatibility (EMC) standard for terrestrial trunked radio (TETRA) and ancillary equipment | | | | Article 3(1)(b) (and Article 4 89/336/EEC) |
| ETSI | EN 300 828:1998 Electromagnetic compatibility and radio spectrum matters (ERM); Electromagnetic compatibility (EMC) standard for radiotelephone transmitters and receivers for the maritime mobile service operating in the VHF bands | | | | Article 3(1)(b) (and Article 4 89/336/EEC) |

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| ETSI | EN 300 829:1998 Electromagnetic compatibility and radio spectrum matters (ERM); Electromagnetic compatibility (EMC) standard for maritime 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) | | | | Article 3(1)(b) (and Article 4 89/336/EEC) |
| ETSI | EN 300 831:1998 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 1,6/2,4 GHz and 2 GHz frequency bands | | | | Article 3(1)(b) (and Article 4 89/336/EEC) |
| ETSI | EN 300 831:1999 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 300 831:1998 | 31.12.2002 | Article 3(1)(b) (and Article 4 89/336/EEC) |
| ETSI | EN 300 832:1998 Electromagnetic compatibility and radio spectrum matters (ERM); Electromagnetic compatibility (EMC) for mobile earth stations (MES) providing low bit rate data communication (LBRDC) using satellites in low earth orbits (LEO) operating in frequency below 1 GHz | | | | Article 3(1)(b) (and Article 4 89/336/EEC) |
| ETSI | EN 301 011:1998 Electromagnetic compatibility and radio spectrum matters (ERM); Electromagnetic compatibility (EMC) for narrow-band directprinting (NBDP) Navtex receivers operating in the maritime mobile service | | | | Article 3(1)(b) (and Article 4 89/336/EEC) |
| ETSI | EN 301 025-2 V1.1.1 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: Harmonised EN under Article 3(2) of the R & TTE Directive | | | | Article 3(2) |
| ETSI | EN 301 025-3 V1.1.1 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: Harmonised EN under Article 3(3)(e) of the R & TTE Directive | | | | Article 3(3) |

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| ETSI | EN 301 090:1998 Electromagnetic compatibility and radio spectrum matters (ERM); Electromagnetic compatibility (EMC) for maritime radiotelephone watch receivers operating on 2 182 kHz | | | | Article 3(1)(b) (and Article 4 89/336/EEC) |
| ETSI | EN 301 166-2 V1.1.1 Electromagnetic compatibility and radio spectrum matters (ERM); Land mobile service; Technical characteristics and test conditions for radio equipment for analogue and/or digital communication (speech and/or data) and operating on narrowband channels and having an antenna connector | | | | Article 3(2) |
| ETSI | EN 301 178-2 V1.1.1 Electromagnetic compatibility and radio spectrum matters (ERM); Portable Very High Frequency (VHF) radiotelephone equipment for the maritime mobile service operating in the VHF bands (for non-GMDSS applications only) — Part 2: Harmonised EN under Article 3(2) of the R & TTE Directive | | | | Article 3(2) |
| ETSI | EN 301 357-2 V1.1.1 Electromagnetic compatibility and radio spectrum matters (ERM); Analogue cordless wideband audio devices using integral antennas operating in the CEPT recommended 863 MHz to 865 MHz frequency range — Part 2: Harmonised EN under Article 3(2) of the R & TTE Directive | | | | Article 3(2) |
| ETSI | EN 301 357-2 V1.2.1 Electromagnetic compatibility and radio spectrum matters (ERM); Cordless audio devices in the range 25 MHz to 2 000 MHz; Consumer radio microphones and in-ear monitoring systems operating in the CEPT harmonised band 863 MHz to 865 MHz — Part 2: Harmonised EN under Article 3(2) of the R & TTE Directive | | EN 301 357 V1.1.1 | 31.3.2003 | Article 3(2) |
| ETSI | EN 301 360 V1.1.3 Satellite earth stations and systems (SES); Harmonised EN for satellite user terminals (SUT) transmitting towards satellites in geostationary orbit in the 27,5 to 29,5 GHz frequency bands covering essential requirements under Article 3(2) of the R & TTE Directive | | | | Article 3(2) |
| ETSI | EN 301 406 V1.4.1 Digital enhanced cordless telecommunications (DECT); Harmonised EN for digital enhanced cordless telecommunications (DECT) covering essential requirements under Article 3(2) of the R & TTE Directive | | TBR 6: 1997 (Edition 2) | Date expired (31.10.2001) | Article 3(2) |

| ESO (*) | Reference and title of the standard | Reference document | Reference of the superseded standard | Date of cessation of presumption of conformity of the superseded standard Note 1 | Article 1999/5/EC |
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| ETSI | EN 301 419-1 V4.1.1 Digital cellular telecommunications system (Phase 2); Attachment requirements for global system for mobile communications (GSM) — Part 1: Mobile stations in the GSM 900 and DCS 1 800 bands; Access (GSM 13.01 version 4.0.1) (applicable parts: 12.1.1, 12.1.2, 12.2.1, 12.2.2, 13.1, 13.2, 13.3-1, 13.4, 14.1.1.2, 14.1.2.2, 14.3, 14.4.1, 14.5.1, 14.6.1, 14.7.1, 19.1, 19.2, 19.3, 20.1, 20.2, 20.3, 20.4, 20.5, 20.6, 20.7, 20.8, 20.9, 20.10, 20.11, 20.12, 20.13, 20.15, 20.16, 20.20.1, 20.20.2, 21.1, 21.2, 21.3.1, 21.3.2, 21.4, 22.1, 25.2.1.1.4, 25.2.1.2.3, 25.2.1.2.4, 25.2.3, 26.2.1.1, 26.2.1.2, 26.2.1.3, 26.2.2, 26.6.1.1, 26.6.1.2, 26.6.13.10, 26.6.13.3, 26.6.13.5, 26.6.13.6, 26.6.13.8, 26.6.13.9, 26.7.4.6, 26.7.5.7.1, 26.8.1.2.6.6, 26.8.1.3.5.2, 26.8.2.1, 26.8.2.2, 26.8.2.3, 26.8.3, 26.9.2, 26.9.3, 26.9.4, 26.9.5, 26.10.2.2, 26.10.2.3, 26.10.2.4.1, 26.10.2.4.2, 26.11.2.1, 26.12.1, 26.12.2.1, 26.12.3, 26.12.4, 27.6, 27.7, 31.6.1.1, 34.2.1, 34.2.2, 34.2.3) | | | | Article 3(2) |
| ETSI | EN 301 419-2 V5.1.1 Digital cellular telecommunications system (Phase 2+); Attachment requirements for global system for mobile communications (GSM); High-speed circuit switched data (HSCSD) multislot mobile stations; Access | | | | Article 3(2) |
| ETSI | EN 301 419-3 V5.0.2 Digital cellular telecommunications system (Phase 2+); Attachment requirements for global system for mobile communications (GSM); Advanced speech call items (ASCI); Mobile stations; Access (GSM 13.68 version 5.0.2 Release 1996) (applicable parts: 26.14.5.2, 26.14.7.3, 26.14.8.1) | | | | Article 3(2) |
| ETSI | EN 301 419-7 V5.0.2 Digital cellular telecommunications system (Phase 2+); Attachment requirements for global system for mobile communications (GSM); Railways band (R-GSM); Mobile stations; Access (GSM 13.67 version 5.0.2) (applicable parts: 12.3.1, 12.3.2, 12.4.1, 12.4.2, 13.9, 14.7.3, 20.21.1, 20.21.2, 20.21.3, 20.21.4, 20.21.5, 20.21.6, 20.21.7, 20.21.8, 20.21.9, 20.21.10, 20.21.11, 20.21.12, 20.21.13, 20.21.15, 20.21.16, 20.21.18, 26.10.2.2, 26.10.2.3, 26.10.2.4.1, 26.10.2.4.2) | | | | Article 3(2) |
| ETSI | EN 301 423 Electromagnetic Compatibility and radio spectrum matters (ERM); Harmonised standard for the terrestrial flight telecommunications system under Article 3(2) of the R & TTE Directive | | TBR 23 | Date expired (30.9.2002) | Article 3(2) |

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| ETSI | EN 301 426 V1.2.1 Satellite earth stations and systems (SES); Harmonised EN for low data rate land mobile satellite earth stations (LMES) operating in the 1,5/1,6 GHz frequency bands covering essential requirements under Article 3.2 of the R & TTE Directive | | EN 301 426 V1.1.1 | Date expired (30.6.2002) | Article 3(2) |
| ETSI | EN 301 427 V1.1.1 Satellite earth stations and systems (SES); Harmonised EN for low data rate land mobile satellite earth stations (LMES) operating in the 11/12/14 GHz frequency bands covering essential requirements under Article 3.2 of the R & TTE Directive | | TBR 27 | Date expired (31.1.2001) | Article 3(2) |
| ETSI | EN 301 428 V1.2.1 Satellite earth stations and systems (SES); Harmonised EN for very small aperture terminal (VSAT); Transmit-only, transmit/receive or receive-only satellite earth stations operating in the 11/12/14 GHz frequency bands covering essential requirements under Article 3(2) of the R & TTE Directive | | EN 301 428 V1.1.1 | Date expired (30.11.2001) | Article 3(2) |
| ETSI | EN 301 430 V1.1.1 Satellite earth stations and systems (SES); Harmonised EN for satellite news gathering transportable earth stations (SNG TES) operating in the 11-12/13-14 GHz frequency bands covering essential requirements under Article 3(2) of the R & TTE Directive | | TBR 30 | Date expired (31.1.2001) | Article 3(2) |
| ETSI | EN 301 441 V1.1.1 Satellite earth stations and systems (SES); Harmonised EN for mobile earth stations (MESs), including handheld earth stations, for satellite personal communications networks (S-PCN) in the 1,6/2,4 GHz bands under the mobile satellite service (MSS) covering essential requirements under Article 3.2 of the R & TTE Directive | | TBR 41 | Date expired (31.1.2001) | Article 3(2) |
| ETSI | EN 301 442 V1.1.1 Satellite earth stations and systems (SES); Harmonised EN for mobile earth stations (MESs), including handheld earth stations, for satellite personal communications networks (S-PCN) in the 2,0 GHz bands under the mobile satellite service (MSS) covering essential requirements under Article 3.2 of the R & TTE Directive | | TBR 42 | Date expired (31.1.2001) | Article 3(2) |
| ETSI | EN 301 443 V1.2.1 Satellite earth stations and systems (SES); Harmonised EN for very small aperture terminal (VSAT); Transmit-only, transmit-and-receive, receive-only satellite earth stations operating in the 4 GHz and 6 GHz frequency bands covering essential requirements under Article 3(2) of the R & TTE Directive | | EN 301 443 V1.1.1 | Date expired (30.11.2001) | Article 3(2) |

| ESO (*) | Reference and title of the standard | Reference document | Reference of the superseded standard | Date of cessation of presumption of conformity of the superseded standard Note 1 | Article 1999/5/EC |
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| ETSI | EN 301 444 V1.1.1 Satellite earth stations and systems (SES); Harmonised EN for land mobile earth stations (LMES) operating in the 1,5 GHz and 1,6 GHz bands providing voice and/or data communications covering essential requirements under Article 3.2 of the R & TTE Directive | | TBR 44 | Date expired (31.1.2001) | Article 3(2) |
| ETSI | EN 301 459 V1.2.1 Satellite earth stations and systems (SES); Harmonised EN for satellite interactive terminals (SIT) and satellite user terminals (SUT) transmitting towards satellites in geostationary orbit in the 29,5 to 30,0 GHz frequency bands covering essential requirements under Article 3(2) of the R & TTE Directive | | | | Article 3(2) |
| ETSI | EN 301 489-01 V1.2.1 Electromagnetic compatibility and radio spectrum matters (ERM); Electromagnetic compatibility (EMC) standard for radio equipment and services — Part 1: Common technical requirements | | | | Article 3(1)(b) (and Article 4 89/336/EEC) |
| ETSI | EN 301 489-01 V1.3.1 Electromagnetic compatibility and radio spectrum matters (ERM); Electromagnetic compatibility (EMC) standard for radio equipment and services — Part 1: Common technical requirements | | EN 301 489-01 V1.2.1 | 30.6.2003 | Article 3(1)(b) (and Article 4 89/336/EEC) |
| ETSI | EN 301 489-01 V1.4.1 Electromagnetic compatibility and radio spectrum matters (ERM); electromagnetic compatibility (EMC) standard for radio equipment and services — Part 1: Common technical requirements | | EN 301 489-01 V1.3.1 | 30.11.2005 | Article 3(1)(b) (and Article 4 89/336/EEC) |
| ETSI | EN 301 489-02 V1.2.1 Electromagnetic compatibility and radio spectrum matters (ERM); Electromagnetic compatibility (EMC) standard for radio equipment and services — Part 2: Specific conditions for radio paging equipment | | ETS 300 682, ETS 300 741 and ETS 300 340/A1 | 31.10.2003 | Article 3(1)(b) (and Article 4 89/336/EEC) |
| ETSI | EN 301 489-02 V1.4.1 Electromagnetic compatibility and radio spectrum matters (ERM); electromagnetic compatibility (EMC) standard for radio equipment and services — Part 2: Specific conditions for radio paging equipment | | EN 301 489-02 V1.2.1 | 30.11.2005 | Article 3(1)(b) (and Article 4 89/336/EEC) |
| ETSI | EN 301 489-03 V1.2.1 Electromagnetic compatibility and radio spectrum matters (ERM); Electromagnetic compatibility (EMC) standard for radio equipment and services — Part 3: Specific conditions for short-range devices (SRD) operating on frequencies between 9 kHz and 40 GHz | | ETS 300 683 | 31.10.2003 | Article 3(1)(b) (and Article 4 89/336/EEC) |

| ESO (*) | Reference and title of the standard | Reference document | Reference of the superseded standard | Date of cessation of presumption of conformity of the superseded standard Note 1 | Article 1999/5/EC |
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| ETSI | EN 301 489-03 V1.3.1 Electromagnetic compatibility and radio spectrum matters (ERM); Electromagnetic compatibility (EMC) standard for radio equipment and services — Part 3: Specific conditions for short-range devices (SRD) operating on frequencies between 9 kHz and 40 GHz | | EN 301 489-03 V1.2.1 ETS 300 683:1997 | 31.8.2003 | Article 3(1)(b) (and Article 4 89/336/EEC) |
| ETSI | EN 301 489-03 V1.4.1 Electromagnetic compatibility and radio spectrum matters (ERM); electromagnetic compatibility (EMC) standard for radio equipment and services — Part 3: Specific conditions for short-range devices (SRD) operating on frequencies between 9 kHz and 40 GHz | | EN 301 489-03 V1.3.1 | 30.11.2005 | Article 3(1)(b) (and Article 4 89/336/EEC) |
| ETSI | EN 301 489-04 V1.2.1 Electromagnetic compatibility and radio spectrum matters (ERM); Electromagnetic compatibility (EMC) standard for radio equipment and services — Part 4: Specific conditions for fixed radio links and ancillary equipment and services | | EN 300 385:1999 | 31.12.2002 | Article 3(1)(b) (and Article 4 89/336/EEC) |
| ETSI | EN 301 489-04 V1.3.1 Electromagnetic compatibility and radio spectrum matters (ERM); electromagnetic compatibility (EMC) standard for radio equipment and services — Part 4: Specific conditions for fixed radio links and ancillary equipment and services | | EN 301 489-04 V1.2.1 | 30.11.2005 | Article 3(1)(b) (and Article 4 89/336/EEC) |
| ETSI | EN 301 489-05 Electromagnetic compatibility and radio spectrum matters (ERM); 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) | | EN 300 279:1999 | Date expired (30.4.2002) | Article 3(1)(b) (and Article 4 89/336/EEC) |
| ETSI | EN 301 489-05 V1.3.1 Electromagnetic compatibility and radio spectrum matters (ERM); 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) | | EN 301 489-05 V1.2.1 | 30.11.2005 | Article 3(1)(b) (and Article 4 89/336/EEC) |
| ETSI | EN 301 489-06 V1.1.1 Electromagnetic compatibility and radio spectrum matters (ERM); Electromagnetic compatibility (EMC) standard for radio equipment and services — Part 6: Specific conditions for digital enhanced cordless telecommunications (DECT) equipment | | ETS 300 329 | 31.3.2003 | Article 3(1)(b) (and Article 4 89/336/EEC) |
| ETSI | EN 301 489-06 V1.2.1 Electromagnetic compatibility and radio spectrum matters (ERM); electromagnetic compatibility (EMC) standard for radio equipment and services — Part 6: Specific conditions for digital enhanced cordless telecommunications (DECT) equipment | | EN 301 489-06 V1.1.1 | 30.11.2005 | Article 3(1)(b) (and Article 4 89/336/EEC) |

| ESO (*) | Reference and title of the standard | Reference document | Reference of the superseded standard | Date of cessation of presumption of conformity of the superseded standard Note 1 | Article 1999/5/EC |
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| ETSI | EN 301 489-07 V1.1.1 Electromagnetic compatibility and radio spectrum matters (ERM); Electromagnetic compatibility (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) | | EN 300 342-1 | Date expired (31.3.2002) | Article 3(1)(b) (and Article 4 89/336/EEC) |
| ETSI | EN 301 489-07 V1.2.1 Electromagnetic compatibility and radio spectrum matters (ERM); electromagnetic compatibility (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) | | EN 301 489-07 V1.1.1 | 30.11.2005 | Article 3(1)(b) (and Article 4 89/336/EEC) |
| ETSI | EN 301 489-08 V1.1.1 Electromagnetic compatibility and radio spectrum matters (ERM); Electromagnetic compatibility (EMC) standard for radio equipment and services — Part 8: Specific conditions for GSM base stations | | | | Article 3(1)(b) (and Article 4 89/336/EEC) |
| ETSI | EN 301 489-08 V1.2.1 Electromagnetic compatibility and radio spectrum matters (ERM); electromagnetic compatibility (EMC) standard for radio equipment and services — Part 8: Specific conditions for GSM base stations | | EN 301 489-08 V1.1.1 | 30.11.2005 | Article 3(1)(b) (and Article 4 89/336/EEC) |
| ETSI | EN 301 489-09 V1.1.1 Electromagnetic compatibility and radio spectrum matters (ERM); Electromagnetic compatibility (EMC) standard for radio equipment and services — Part 9: Specific conditions for wireless microphones and similar radio frequency (RF) audio link equipment | | ETS 300 445/A1:1997 | Date expired (31.3.2002) | Article 3(1)(b) (and Article 4 89/336/EEC) |
| ETSI | EN 301 489-09 V1.2.1 Electromagnetic compatibility and radio spectrum matters (ERM); Electromagnetic compatibility (EMC) standard for radio equipment and services — Part 9: Specific conditions for wireless microphones, similar radio frequency (RF) audiolink equipment, cordless audio and in-ear monitoring devices | | EN 301 489-09 V1.1.1 | 1.8.2005 | Article 3(1)(b) (and Article 4 89/336/EEC) |
| ETSI | EN 301 489-09 V1.3.1 Electromagnetic compatibility and radio spectrum matters (ERM); electromagnetic compatibility (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 | | EN 301 489-09 V1.2.1 | 30.11.2005 | Article 3(1)(b) (and Article 4 89/336/EEC) |

| ESO (1) | Reference and title of the standard | Reference document | Reference of the superseded standard | Date of cessation of presumption of conformity of the superseded standard Note 1 | Article 1999/5/EC |
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| ETSI | EN 301 489-10 V1.1.1 Electromagnetic compatibility and radio spectrum matters (ERM); Electromagnetic compatibility (EMC) standard for radio equipment and services — Part 10: Specific conditions for First (CT1 and CT1+) and second generation cordless telephone (CT2) equipment | | ETS 300 446 | Date expired (31.3.2002) | Article 3(1)(b) (and Article 4 89/336/EEC) |
| ETSI | EN 301 489-10 V1.2.1 Electromagnetic compatibility and radio spectrum matters (ERM); Electromagnetic compatibility (EMC) standard for radio equipment and services — Part 10: Specific conditions for first (CT1 and CT1+) and second generation cordless telephone (CT2) equipment | | EN 301 489-10 V1.1.1 | 1.8.2005 | Article 3(1)(b) (and Article 4 89/336/EEC) |
| ETSI | EN 301 489-10 V1.3.1 Electromagnetic compatibility and radio spectrum matters (ERM); electromagnetic compatibility (EMC) standard for radio equipment and services — Part 10: Specific conditions for first (CT1 and CT1+) and second generation cordless telephone (CT2) equipment | | EN 301 489-10 V1.2.1 | 30.11.2005 | Article 3(1)(b) (and Article 4 89/336/EEC) |
| ETSI | EN 301 489-11 V1.2.1 Electromagnetic compatibility and radio spectrum matters (ERM); electromagnetic compatibility (EMC) standard for radio equipment and services — Part 11: Specific conditions for terrestrial sound broadcasting service transmitters | | EN 301 489-11 V1.1.1 | 30.11.2005 | Article 3(1)(b) (and Article 4 89/336/EEC) |
| ETSI | EN 301 489-11 V1.1.1 Electromagnetic compatibility and radio spectrum matters (ERM); Electromagnetic compatibility (EMC) standard for radio equipment and services — Part 11: Specific conditions for analogue terrestrial sound broadcasting (amplitude modulation (AM) and frequency modulation (FM)) service transmitters | | ETS 300 447 | 1.8.2005 | Article 3(1)(b) (and Article 4 89/336/EEC) |
| ETSI | EN 301 489-12 V1.1.1 Electromagnetic compatibility and radio spectrum matters (ERM); Electromagnetic compatibility (EMC) standard for radio equipment and services — Part 12: Specific conditions for very small aperture terminal, satellite interactive earth stations operated in the frequency ranges between 4 GHz and 30 GHz in the Fixed Satellite Service (FSS) | | ETS 300 673 | Date expired (31.5.2002) | Article 3(1)(b) (and Article 4 89/336/EEC) |
| ETSI | EN 301 489-13 V1.1.1 Electromagnetic compatibility and radio spectrum matters (ERM); Electromagnetic compatibility (EMC) standard for radio equipment and services — Part 13: Specific conditions for citizens band (CB) radio and ancillary equipment (speech and non-speech) | | ETS 300 680-1 and -2 | Date expired (31.3.2002) | Article 3(1)(b) (and Article 4 89/336/EEC) |

| ESO (*) | Reference and title of the standard | Reference document | Reference of the superseded standard | Date of cessation of presumption of conformity of the superseded standard Note 1 | Article 1999/5/EC |
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| ETSI | EN 301 489-13 V1.2.1 Electromagnetic compatibility and radio spectrum matters (ERM); electromagnetic compatibility (EMC) standard for radio equipment and services — Part 13: Specific conditions for citizen's band (CB) radio and ancillary equipment (speech and non-speech) | | EN 301 489-13 V1.1.1 | 30.11.2005 | Article 3(1)(b) (and Article 4 89/336/EEC) |
| ETSI | EN 301 489-14 V1.1.1 Electromagnetic compatibility and radio spectrum matters (ERM); Electromagnetic compatibility (EMC) standard for radio equipment and services — Part 14: Specific conditions for analogue and digital terrestrial TV broadcasting service transmitters | | | | Article 3(1)(b) (and Article 4 89/336/EEC) |
| ETSI | EN 301 489-15 V1.1.1 Electromagnetic compatibility and radio spectrum matters (ERM); Electromagnetic compatibility (EMC) standard for radio equipment and services — Part 15: Specific conditions for commercially available amateur radio equipment | | ETS 300 684 | Date expired (31.3.2002) | Article 3(1)(b) (and Article 4 89/336/EEC) |
| ETSI | EN 301 489-15 V1.2.1 Electromagnetic compatibility and radio spectrum matters (ERM); electromagnetic compatibility (EMC) standard for radio equipment and services — Part 15: Specific conditions for commercially available amateur radio equipment | | EN 301 489-15 V1.1.1 | 30.11.2005 | Article 3(1)(b) (and Article 4 89/336/EEC) |
| ETSI | EN 301 489-16 V1.1.1 Electromagnetic compatibility and radio spectrum matters (ERM); Electromagnetic compatibility (EMC) standard for radio equipment and services — Part 16: Specific conditions for analogue cellular radio communications equipment, mobile and portable | | ETS 300 717 | Date expired (31.3.2002) | Article 3(1)(b) (and Article 4 89/336/EEC) |
| ETSI | EN 301 489-16 V1.2.1 Electromagnetic compatibility and radio spectrum matters (ERM); electromagnetic compatibility (EMC) standard for radio equipment and services — Part 16: Specific conditions for analogue cellular radio communications equipment, mobile and portable | | EN 301 489-16 V1.1.1 | 30.11.2005 | Article 3(1)(b) (and Article 4 89/336/EEC) |
| ETSI | EN 301 489-17 V1.1.1 Electromagnetic compatibility and radio spectrum matters (ERM); Electromagnetic compatibility (EMC) standard for radio equipment and services — Part 17: Specific conditions for wideband data and Hiperlan equipment | | ETS 300 826 | Date expired (31.5.2002) | Article 3(1)(b) (and Article 4 89/336/EEC) |

| ESO ⁽¹⁾ | Reference and title of the standard | Reference document | Reference of the superseded standard | Date of cessation of presumption of conformity of the superseded standard Note 1 | Article 1999/5/EC |
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| ETSI | EN 301 489-18 V1.1.1 Electromagnetic compatibility and radio spectrum matters (ERM); Electromagnetic compatibility (EMC) standard for radio equipment and services — Part 18: Specific conditions for terrestrial trunked radio (TETRA) equipment | | ETS 300 827 | Date expired (31.5.2002) | Article 3(1)(b) (and Article 4 89/336/EEC) |
| ETSI | EN 301 489-18 V1.2.1 Electromagnetic compatibility and radio spectrum matters (ERM); Electromagnetic compatibility (EMC) standard for radio equipment and services — Part 18: Specific conditions for terrestrial trunked radio (TETRA) equipment | | EN 301 489-18 V1.1.1 | 31.8.2003 | Article 3(1)(b) (and Article 4 89/336/EEC) |
| ETSI | EN 301 489-18 V1.3.1 Electromagnetic compatibility and radio spectrum matters (ERM); electromagnetic compatibility (EMC) standard for radio equipment and services — Part 18: Specific conditions for terrestrial trunked radio (TETRA) equipment | | EN 301 489-18 V1.2.1 | 30.11.2005 | Article 3(1)(b) (and Article 4 89/336/EEC) |
| ETSI | EN 301 489-19 V1.1.1 Electromagnetic compatibility and radio spectrum matters (ERM); Electromagnetic compatibility (EMC) standard for radio equipment and services — Part 19: Specific conditions for receive only mobile earth stations (ROMES) operating in the 1,5 GHz band providing data communication | | ETS 300 830 | Date expired (31.5.2002) | Article 3(1)(b) (and Article 4 89/336/EEC) |
| ETSI | EN 301 489-19 V1.2.1 Electromagnetic compatibility and radio spectrum matters (ERM); electromagnetic compatibility (EMC) standard for radio equipment and services — Part 19: Specific conditions for receive only mobile earth stations (ROMES) operating in the 1,5 GHz band providing data communication | | EN 301 489-19 V1.1.1 | 30.11.2005 | Article 3(1)(b) (and Article 4 89/336/EEC) |
| ETSI | EN 301 489-20 V1.1.1 Electromagnetic compatibility and radio spectrum matters (ERM); Electromagnetic compatibility (EMC) standard for radio equipment and services — Part 20: Specific conditions for mobile earth stations (MES) used in the mobile satellite services (MSS) | | ENs 300 831 and 300 832 | 31.12.2002 | Article 3(1)(b) (and Article 4 89/336/EEC) |
| ETSI | EN 301 489-20 V1.2.1 Electromagnetic compatibility and radio spectrum matters (ERM); electromagnetic compatibility (EMC) standard for radio equipment and services — Part 20: Specific conditions for mobile earth stations (MES) used in the mobile satellite services (MSS) | | EN 301 489-20 V1.1.1 | 30.11.2005 | Article 3(1)(b) (and Article 4 89/336/EEC) |

| ESO (*) | Reference and title of the standard | Reference document | Reference of the superseded standard | Date of cessation of presumption of conformity of the superseded standard Note 1 | Article 1999/5/EC |
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| ETSI | EN 301 489-22 V1.1.1 Electromagnetic compatibility and radio spectrum matters (ERM); Electromagnetic compatibility (EMC) standard for radio equipment and services — Part 22: Specific requirements for ground-based VHF aeronautical mobile and fixed radio equipment | | | | Article 3(1)(b) (and Article 4 89/336/EEC) |
| ETSI | EN 301 489-22 V1.2.1 Electromagnetic compatibility and radio spectrum matters (ERM); electromagnetic compatibility (EMC) standard for radio equipment and services — Part 22: Specific requirements for ground-based VHF aeronautical mobile and fixed radio equipment | | EN 301 489-22 V1.1.1 | 30.11.2005 | Article 3(1)(b) (and Article 4 89/336/EEC) |
| ETSI | EN 301 489-23 V1.1.1 Electromagnetic compatibility and radio spectrum matters (ERM); Electromagnetic compatibility (EMC) standard for radio equipment and services — Part 23: Specific conditions for IMT-2000 CDMA direct spread (UTRA) base station (BS) radio, repeater and ancillary equipment | | | | Article 3(1)(b) (and Article 4 89/336/EEC) |
| ETSI | EN 301 489-23 V1.2.1 Electromagnetic compatibility and radio spectrum matters (ERM); electromagnetic compatibility (EMC) standard for radio equipment and services — Part 23: Specific conditions for IMT-2000 CDMA direct spread (UTRA) base station (BS) radio, repeater and ancillary equipment | | EN 301 489-23 V1.1.1 | 30.11.2005 | Article 3(1)(b) (and Article 4 89/336/EEC) |
| ETSI | EN 301 489-24 V1.1.1 Electromagnetic compatibility and radio spectrum matters (ERM); Electromagnetic compatibility (EMC) standard for radio equipment and services — Part 24: Specific conditions for IMT-2000 CDMA direct spread (UTRA) for mobile and portable (UE) radio and ancillary equipment | | | | Article 3(1)(b) (and Article 4 89/336/EEC) |
| ETSI | EN 301 489-24 V1.2.1 Electromagnetic compatibility and radio spectrum matters (ERM); electromagnetic compatibility (EMC) standard for radio equipment and services — Part 24: Specific conditions for IMT-2000 CDMA direct spread (UTRA) for mobile and portable (UE) radio and ancillary equipment | | EN 301 489-24 V1.1.1 | 30.11.2005 | Article 3(1)(b) (and Article 4 89/336/EEC) |
| ETSI | EN 301 489-25 V1.1.1 Electromagnetic compatibility and radio spectrum matters (ERM); Electromagnetic compatibility (EMC) standard for radio equipment and services — Part 25: Specific conditions for IMT-2000 CDMA multi-carrier mobile stations and ancillary equipment | | | | Article 3(1)(b) (and Article 4 89/336/EEC) |

| ESO (*) | Reference and title of the standard | Reference document | Reference of the superseded standard | Date of cessation of presumption of conformity of the superseded standard Note 1 | Article 1999/5/EC |
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| ETSI | EN 301 489-26 V1.1.1 Electromagnetic compatibility and radio spectrum matters (ERM); Electromagnetic compatibility (EMC) standard for radio equipment and services — Part 26: Specific conditions for IMT-2000 CDMA multi-carrier base stations and ancillary equipment | | | | Article 3(1)(b) (and Article 4 89/336/EEC) |
| ETSI | EN 301 502 V8.1.2 Harmonised EN for global system for mobile communications (GSM); Base station and repeater equipment covering essential requirements under Article 3(2) of the R & TTE Directive (GSM 13.21 version 8.0.1 Release 1999) | | EN 301 502 V7.0.1 | Date expired (30.4.2002) | Article 3(2) |
| ETSI | EN 301 502 V7.0.1 Harmonised EN for global system for mobile communications (GSM); Base station and repeater equipment covering essential requirements under Article 3(2) of the R & TTE Directive (GSM 13.21 version 7.0.1 Release 1998) | | | | Article 3(2) |
| ETSI | EN 301 511 V7.0.1 Global system for mobile communications (GSM); Harmonised standard for mobile stations in the GSM 900 and DCS 1 800 bands covering essential requirements under Article 3(2) of the R & TTE Directive (1999/5/EC) (GSM 13.11 version 7.0.0 Release 1998) | | | | Article 3(2) |
| ETSI | EN 301 681 V1.2.1 Satellite earth stations and systems (SES); Harmonised EN for mobile earth stations (MESs) of geostationary mobile satellite systems, including handheld earth stations, for satellite personal communications networks (S-PCN) in the 1,5/1,6 GHz bands under the mobile satellite service (MSS) covering essential requirements under Article 3.2 of the R & TTE Directive | | | | Article 3(2) |
| ETSI | EN 301 721 V1.2.1 Satellite earth stations and systems (SES); Harmonised EN for mobile earth stations (MES) providing low bit rate data communications (LBRDC) using low earth orbiting (LEO) satellites operating below 1 GHz covering essential requirements under Article 3.2 of the R & TTE Directive | | EN 301 721 V1.1.1 | Date expired (31.3.2002) | Article 3(2) |
| ETSI | EN 301 751 V1.1.1 Fixed radio systems; Point-to-point equipment and antennas; Generic harmonised standard for point-to-point digital fixed radio systems and antennas covering the essential requirements under Article 3(2) of the 1999/05/EC Directive | | | | Article 3(2) |

| ESO (*) | Reference and title of the standard | Reference document | Reference of the superseded standard | Date of cessation of presumption of conformity of the superseded standard Note 1 | Article 1999/5/EC |
|---------|---|--------------------|--------------------------------------|---|---|
| ETSI | EN 301 753 V1.1.1 Fixed radio systems; Point-to-multipoint equipment and antennas; Generic harmonised standard for point-to-multipoint digital fixed radio systems and antennas covering the essential requirements under Article 3(2) of the 1999/05/EC Directive | | | | Article 3(2) |
| ETSI | EN 301 783-2 V1.1.1 Electromagnetic compatibility and radio spectrum matters (ERM); Land mobile service; Commercially available amateur radio equipment — Part 2: Harmonised EN covering essential requirements under Article 3(2) of the R & TTE Directive | | | | Article 3(2) |
| ETSI | EN 301 796 V1.1.1 Electromagnetic compatibility and radio spectrum matters (ERM); Harmonised EN for CT1 and CT1+ cordless telephone equipment covering essential requirements under Article 3(2) of the R & TTE Directive | | | | Article 3(2) |
| ETSI | EN 301 797 V1.1.1 Electromagnetic compatibility and radio spectrum matters (ERM); Harmonised EN for CT2 cordless telephone equipment covering essential requirements under Article 3(2) of the R & TTE Directive | | | | Article 3(2) |
| ETSI | EN 301 839-2 V1.1.1 Electromagnetic compatibility and radio spectrum matters (ERM); Radio equipment in the frequency range 402 MHz to 405 MHz for ultra low power active medical implants and accessories — Part 2: Harmonised EN covering essential requirements of Article 3(2) of the R & TTE Directive | | | | Article 3(2) |
| ETSI | EN 301 840-2 V1.1.1 Electromagnetic compatibility and radio spectrum matters (ERM); Digital wireless microphones operating in the CEPT harmonised band 1 785 MHz to 1 800 MHz — Part 2: Harmonised EN under Article 3(2) of the R & TTE Directive | | | | Article 3(2) |
| ETSI | EN 301 843-1 V1.1.1 Electromagnetic compatibility and radio spectrum matters (ERM); Electromagnetic compatibility (EMC) standard for marine radio equipment and services — Part 1: Common technical requirements | | | | Article 3(1)(b) (and Article 4 89/336/EEC) |
| ETSI | EN 301 843-2 V1.1.1 Electromagnetic compatibility and radio spectrum matters (ERM); Electromagnetic compatibility (EMC) standard for marine radio equipment and services — Part 2: Specific conditions for radio-telephone transmitters and receivers | | EN 300 828:1998 | Date expired (30.11.2001) | Article 3(1)(b) (and Article 4 89/336/EEC) |

| ESO (*) | Reference and title of the standard | Reference document | Reference of the superseded standard | Date of cessation of presumption of conformity of the superseded standard Note 1 | Article 1999/5/EC |
|---------|--|--------------------|--------------------------------------|---|--|
| ETSI | <p>EN 301 843-4 V1.1.1</p> <p>Electromagnetic compatibility and radio spectrum matters (ERM); Electromagnetic compatibility (EMC) standard for marine radio equipment and services — Part 4: Specific conditions for narrow-band direct-printing (NBDP) Navtex receivers</p> | | EN 301 011:1998 | 30.11.2002 | Article 3(1)(b) (and Article 4 89/336/EEC) |
| ETSI | <p>EN 301 908-01 V1.1.1</p> <p>Electromagnetic compatibility and radio spectrum matters (ERM); Base stations (BS) and user equipment (UE) for IMT-2000 third generation cellular networks — Part 1: Harmonised EN for IMT-2000, introduction and common requirements of Article 3(2) of the R & TTE Directive</p> | | | | Article 3(2) |
| ETSI | <p>EN 301 908-02 V1.1.1</p> <p>Electromagnetic compatibility and radio spectrum matters (ERM); Base stations (BS) and user equipment (UE) for IMT-2000 third generation cellular networks — Part 2: Harmonised EN for IMT-2000, CDMA direct spread (UTRA FDD) (UE) covering essential requirements of Article 3(2) of the R & TTE Directive</p> | | | | Article 3(2) |
| ETSI | <p>EN 301 908-03 V1.1.1</p> <p>Electromagnetic compatibility and radio spectrum matters (ERM); Base stations (BS) and user equipment (UE) for IMT-2000 third generation cellular networks — Part 3: Harmonised EN for IMT-2000, CDMA direct spread (UTRA FDD) (BS) covering essential requirements of Article 3(2) of the R & TTE Directive</p> | | | | Article 3(2) |
| ETSI | <p>EN 301 908-04 V1.1.1</p> <p>Electromagnetic compatibility and radio spectrum matters (ERM); Base stations (BS) and user equipment (UE) for IMT-2000 third generation cellular networks — Part 4: Harmonised EN for IMT-2000, CDMA multi-carrier (CDMA-2000) (UE) covering the essential requirements of Article 3(2) of the R & TTE Directive</p> | | | | Article 3(2) |
| ETSI | <p>EN 301 908-05 V1.1.1</p> <p>Electromagnetic compatibility and radio spectrum matters (ERM); Base stations (BS) and user equipment (UE) for IMT-2000 third generation cellular networks — Part 5: Harmonised EN for IMT-2000, CDMA multi-carrier (CDMA-2000) (BS) covering the essential requirements of Article 3(2) of the R & TTE Directive</p> | | | | Article 3(2) |

| ESO (*) | Reference and title of the standard | Reference document | Reference of the superseded standard | Date of cessation of presumption of conformity of the superseded standard Note 1 | Article 1999/5/EC |
|---------|--|--------------------|--------------------------------------|---|-------------------|
| ETSI | EN 301 908-06 V1.1.1 Electromagnetic compatibility and radio spectrum matters (ERM); Base stations (BS) and user equipment (UE) for IMT-2000 third generation cellular networks — Part 6: Harmonised EN for IMT-2000, CDMA TDD (UTRA TDD) (UE) covering essential requirements of Article 3(2) of the R & TTE Directive | | | | Article 3(2) |
| ETSI | EN 301 908-07 V1.1.1 Electromagnetic compatibility and radio spectrum matters (ERM); Base stations (BS) and user equipment (UE) for IMT-2000 third generation cellular networks — Part 7: Harmonised EN for IMT-2000, CDMA TDD (UTRA TDD) (BS) covering essential requirements of Article 3(2) of the R & TTE Directive | | | | Article 3(2) |
| ETSI | EN 301 908-08 V1.1.1 Electromagnetic compatibility and radio spectrum matters (ERM); Base stations (BS) and user equipment (UE) for IMT-2000 third generation cellular networks — Part 8: Harmonised EN for IMT-2000, TDMA single-carrier (UWC 136) (UE) covering essential requirements of Article 3(2) of the R & TTE Directive | | | | Article 3(2) |
| ETSI | EN 301 908-09 V1.1.1 Electromagnetic compatibility and radio spectrum matters (ERM); Base stations (BS) and user equipment (UE) for IMT-2000 third generation cellular networks — Part 9: Harmonised EN for IMT-2000, TDMA single-carrier (UWC 136) (BS) covering essential requirements of Article 3(2) of the R & TTE Directive | | | | Article 3(2) |
| ETSI | EN 301 908-10 V1.1.1 Electromagnetic compatibility and radio spectrum matters (ERM); Base stations (BS) and user equipment (UE) for IMT-2000 third generation cellular networks — Part 10: Harmonised EN for IMT-2000, FDMA/TDMA (DECT) covering essential requirements of Article 3(2) of the R & TTE Directive | | | | Article 3(2) |
| ETSI | EN 302 018-2 V1.1.1 Electromagnetic compatibility and radio spectrum matters (ERM); Transmitting equipment for the frequency modulated (FM) radio broadcast service — Part 2: Harmonised EN under Article 3(2) of the R & TTE Directive | | | | Article 3(2) |
| ETSI | EN 303 035-1 V1.1.1 Harmonised EN for TETRA equipment covering essential requirements under Article 3(2) of the R & TTE Directive — Part 1: Voice plus Data (V+D) | | TBR 35:1998 | Date expired (31.3.2002) | Article 3(2) |

| ESO (1) | Reference and title of the standard | Reference document | Reference of the superseded standard | Date of cessation of presumption of conformity of the superseded standard Note 1 | Article 1999/5/EC |
|---------|--|--------------------|--------------------------------------|---|---|
| ETSI | EN 303 035-1 V1.2.1 Harmonised EN for TETRA equipment covering essential requirements under Article 3(2) of the R & TTE Directive — Part 1: Voice plus Data (V+D) | | EN 303 035-1 V1.1.1 | 30.9.2003 | Article 3(2) |
| ETSI | EN 303 035-2 V1.2.1 Harmonised EN for TETRA equipment covering essential requirements under Article 3(2) of the R & TTE Directive — Part 2: Direct Mode Operation (DMO) | | EN 303 035-2 V 1.1.1 | 30.9.2003 | Article 3(2) |
| ETSI | EN 303 035-2 V1.1.1 Harmonised EN for TETRA equipment covering essential requirements under Article 3(2) of the R & TTE Directive — Part 2: Direct Mode Operation (DMO) | | TBR 35:1998 | Date expired (31.3.2002) | Article 3(2) |
| ETSI | ETS 300 086/A2:1997 Radio equipment and systems (RES); Land mobile group; Technical characteristics and test conditions for radio equipment with an internal or external RF connector intended primarily for analogue speech | | | | Article 3(2) |
| ETSI | ETS 300 113/A1:1997 Radio equipment and systems (RES); Land mobile group; Technical characteristics and test conditions for radio equipment intended for the transmission of data (and speech), and having an antenna connector | | | | Article 3(2) |
| ETSI | ETS 300 329:1997 Radio equipment and systems (RES); Electromagnetic compatibility (EMC) for digital enhanced cordless telecommunications (DECT) equipment | | | | Article 3(1)(b) (and Article 4 89/336/EEC) |
| ETSI | ETS 300 340/A1:1997 Radio equipment and systems (RES); Electromagnetic compatibility (EMC) for European radio message system (ERMES) paging receivers | | | | Article 3(1)(b) (and Article 4 89/336/EEC) |
| ETSI | ETS 300 384/A1:1997 Radio broadcasting systems; Very high frequency (VHF), frequency modulated, sound broadcasting transmitters | | | | Article 3(2) |
| ETSI | ETS 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/s and above | | | | Article 3(1)(b) (and Article 4 89/336/EEC) |

| ESO ⁽¹⁾ | Reference and title of the standard | Reference document | Reference of the superseded standard | Date of cessation of presumption of conformity of the superseded standard Note 1 | Article 1999/5/EC |
|--------------------|--|--------------------|--------------------------------------|---|---|
| ETSI | ETS 300 447:1997 Radio equipment and systems (RES); Electromagnetic compatibility (EMC) standard for VHF FM broadcasting transmitters | | | | Article 3(1)(b) (and Article 4 89/336/EEC) |
| ETSI | ETS 300 487/A1:1997 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 | | | | Article 3(2) |
| ETSI | ETS 300 682:1997 Radio equipment and systems (RES); Electromagnetic compatibility (EMC) standard for on-site paging equipment | | | | Article 3(1)(b) (and Article 4 89/336/EEC) |
| ETSI | ETS 300 683:1997 Radio equipment and systems (RES); Electromagnetic compatibility (EMC) standard for short-range devices (SRD) operating on frequencies between 9 kHz and 25 GHz | | | | Article 3(1)(b) (and Article 4 89/336/EEC) |
| ETSI | ETS 300 719-1:1997 Radio equipment and systems (RES); Private wide-area paging service — Part 1: Technical characteristics for private wide-area paging systems | | | | Article 3(2) |
| ETSI | ETS 300 741:1998 Electromagnetic compatibility and radio spectrum matters (ERM); Electromagnetic compatibility (EMC) standard for wide-area paging equipment | | | | Article 3(1)(b) (and Article 4 89/336/EEC) |
| ETSI | TBR 23 Electromagnetic compatibility and radio spectrum matters (ERM); Terrestrial flight telecommunications system (TFTS); Technical requirements for TFTS | | | | Article 3(2) |

⁽¹⁾ ESO: (European standardisation organisation):

- CEN: rue de Stassart/Stassartstraat 36, B-1050 Brussels; tel. (32-2) 550 08 11, fax (32-2) 550 08 19 (<http://www.cenorm.be>);
- Cenelec: rue de Stassart/Stassartstraat 35, B-1050 Brussels; tel. (32-2) 519 68 71, fax (32-2) 519 69 19 (<http://www.cenelec.org>);
- ETSI: 650, route des Lucioles, F-06921 Sophia Antipolis Cedex, tel. (33-4) 92 94 42 00, fax (33-4) 93 65 47 16 (<http://www.etsi.org>).

Note 1: Generally the date of cessation of presumption of conformity will be the date of withdrawal (dow), set by the European standardisation organisation, but attention of users of these standards is drawn to the fact that in certain exceptional cases this can be otherwise.

Note 2.1: The new (or amended) standard has the same scope as the superseded standard. On the date stated, the superseded standard ceases to give presumption of conformity with the essential requirements of the Directive.

Note 2.2: The new standard has a broader scope than the superseded standard. On the date stated the superseded standard ceases to give presumption of conformity with the essential requirements of the Directive.

Note 2.3: The new standard has a narrower scope than the superseded standard. On the date stated the (partially) superseded standard ceases to give presumption of conformity with the essential requirements of the directive for those products that fall within the scope of the new standard. Presumption of conformity with the essential requirements of the directive for products that still fall within the scope of the (partially) superseded standard, but that do not fall within the scope of the new standard, is unaffected.

Note 3: In case of amendments, the referenced standard is EN CCCCC:YYYY, its previous amendments, if any, and the new, quoted amendment. The superseded standard (column 4) therefore consists of EN CCCCC:YYYY and its previous amendments, if any, but without the new quoted amendment. On the date stated, the superseded standard ceases to give presumption of conformity with the essential requirements of the Directive.

Example: For EN 60215:1989, the following applies:

| | | | | | |
|--|--|--|--|----------------------------|---|
| Cenelec | EN 60215:1989 | | | | |
| | Safety requirements for radio transmitting equipment (The referenced standard is EN 60215:1989) | IEC 60215:1987 | None (There is no superseded standard) | — | Article 3(1)(a) (and Article 2 73/23/EEC) |
| | Amendment A1:1992 to EN 60215:1989 (The referenced standard is EN 60215:1989 +A1:1992 to EN 60215:1989) | IEC 60215:1987 /A1:1990 | Note 3 (The superseded standard is EN 60215:1989) | Date expired (1.6.1993) | |
| Amendment A2:1994 to EN 60215:1989 (The referenced standard is EN 60215:1989 +A1:1992 to EN 60215:1989 +A2:1994 to EN 60215:1989) | IEC 60215:1987 /A2:1993 | Note 3 (The superseded standard is EN 60215:1989 +A1:1992 to EN 60215:1989) | Date expired (15.7.1995) | | |

Note 4: EN 301 489-1 contains the common EMC emission and immunity requirements for all radio equipment and must be used together with the appropriate radio part of this standard, to demonstrate presumption of conformity to Article 3(1)(b) of the Directive.

NOTE:

- In addition standards published under Directives 73/23/EC and 89/336/EEC may be used to demonstrate compliance with Articles 3(1)(a) and (b) of Directive 1999/5/EC.
- Products are presumed to comply with the Directive when they meet the requirements within the usage conditions for which they are intended.
- This list replaces all the previous lists published in the *Official Journal of the European Communities*.