

## IV

(Notices)

## NOTICES FROM EUROPEAN UNION INSTITUTIONS, BODIES, OFFICES AND AGENCIES

## EUROPEAN COMMISSION

**Commission communication in the framework of the implementation of the Directive 1999/5/EC of the European Parliament and of the Council of 9 March 1999 on radio equipment and telecommunications terminal equipment and the mutual recognition of their conformity**

(Text with EEA relevance)

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

(2011/C 118/01)

| ESO (1) | Reference and title of the harmonised standard<br>(and reference document)   | Reference of superseded standard | Date of cessation of presumption of conformity of superseded standard<br>Note 1 | Article of Directive 1999/5/EC             |
|---------|--|----------------------------------|---|--|
| Cenelec | EN 41003:1998<br>Particular safety requirements for equipment to be connected to telecommunication networks  | EN 41003:1996<br>Note 2.1        | Date expired<br>(1.1.2002)  | Article 3(1)(a) (and Article 2 2006/95/EC) |
|         | EN 41003:1998/AC:2000  |                                  |   |  |
|         | EN 41003:1998/AC:1999  |                                  |   |  |
| Cenelec | EN 41003:2008<br>Particular safety requirements for equipment to be connected to telecommunication networks and/or a cable distribution system   | EN 41003:1998<br>Note 2.1        | 1.7.2011  | Article 3(1)(a) (and Article 2 2006/95/EC) |
| Cenelec | EN 50360:2001<br>Product standard to demonstrate the compliance of mobile phones with the basic restrictions related to human exposure to electromagnetic fields (300 MHz - 3 GHz)   |                                  |   | Article 3(1)(a)                            |
|         | EN 50360:2001/AC:2006  |                                  |   |  |
| Cenelec | EN 50364:2001<br>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  |                                  |   | Article 3(1)(a) (and Article 2 2006/95/EC) |
| Cenelec | EN 50364:2010<br>Limitation of human exposure to electromagnetic fields from devices operating in the frequency range 0 Hz to 300 GHz, used in Electronic Article Surveillance (EAS), Radio Frequency Identification (RFID) and similar applications | EN 50364:2001<br>Note 2.1        | 1.11.2012   | Article 3(1)(a) (and Article 2 2006/95/EC) |

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|---------|--|---|---|--|
| Cenelec | EN 50371:2002<br>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   |   |   | Article 3(1)(a) (and Article 2 2006/95/EC) |
| Cenelec | EN 50385:2002<br>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                        |   |   | Article 3(1)(a)                            |
| Cenelec | EN 55022:1998<br>Information technology equipment - Radio disturbance characteristics - Limits and methods of measurement CISPR 22:1997 (Modified)   | EN 55022:1994<br>+ A1:1995<br>+ A2:1997<br>Note 2.1 | Date expired<br>(1.8.2007)  | Article 3(1)(b)                            |
|         | EN 55022:1998/A1:2000<br>CISPR 22:1997/A1:2000   | Note 3  |   |  |
|         | EN 55022:1998/A2:2003<br>CISPR 22:1997/A2:2002   | Note 3  |   |  |
| Cenelec | EN 50401:2006<br>Product standard to demonstrate the compliance of fixed equipment for radio transmission (110 MHz - 40 GHz) intended for use in wireless telecommunication networks with the basic restrictions or the reference levels related to general public exposure to radio frequency electromagnetic fields, when put into service |   |   | Article 3(1)(a)                            |
| Cenelec | EN 55022:2006<br>Information technology equipment - Radio disturbance characteristics - Limits and methods of measurement CISPR 22:2005 (Modified)   | EN 55022:1998<br>+ A1:2000<br>+ A2:2003<br>Note 2.1 | 1.10.2011   | Article 3(1)(b)                            |
|         | EN 55022:2006/A1:2007<br>CISPR 22:2005/A1:2005   | Note 3  | 1.10.2011   |  |
| Cenelec | EN 55024:1998<br>Information technology equipment - Immunity characteristics - Limits and methods of measurement CISPR 24:1997 (Modified)  |   | Date expired<br>(1.7.2001)  | Article 3(1)(b)                            |
|         | EN 55024:1998/A1:2001<br>CISPR 24:1997/A1:2001   | Note 3  | Date expired<br>(1.10.2004)   |  |
|         | EN 55024:1998/A2:2003<br>CISPR 24:1997/A2:2002   | Note 3  | Date expired<br>(1.12.2005)   |  |
| Cenelec | EN 60065:2002<br>Audio, video and similar electronic apparatus - Safety requirements IEC 60065:2001 (Modified)   | EN 60065:1998<br>Note 2.1                           | Date expired<br>(1.3.2007)  | Article 3(1)(a) (and Article 2 2006/95/EC) |

| ESO (1) | Reference and title of the harmonised standard<br>(and reference document)   | Reference of superseded<br>standard                   | Date of cessation of<br>presumption of conformity<br>of superseded standard<br>Note 1 | Article of Directive<br>1999/5/EC             |
|---------|--|---|---|---|
|         | EN 60065:2002/A1:2006<br>IEC 60065:2001/A1:2005 (Modified)   | Note 3  | Date expired<br>(1.12.2008)   |   |
|         | EN 60065:2002/A11:2008   | Note 3  | Date expired<br>(1.7.2010)  |   |
|         | EN 60065:2002/A2:2010<br>IEC 60065:2001/A2:2010 (Modified)   | Note 3  | 1.10.2013   |   |
|         | EN 60065:2002/AC:2007  |   |   |   |
|         | EN 60065:2002/AC:2006  |   |   |   |
| Cenelec | EN 60215:1989<br>Safety requirements for radio transmitting equipment<br>IEC 60215:1987  |   |   | Article 3(1)(a) (and<br>Article 2 2006/95/EC) |
|         | EN 60215:1989/A1:1992<br>IEC 60215:1987/A1:1990  | Note 3  | Date expired<br>(1.6.1993)  |   |
|         | EN 60215:1989/A2:1994<br>IEC 60215:1987/A2:1993  | Note 3  | Date expired<br>(15.7.1995)   |   |
| Cenelec | EN 60825-1:1994<br>Safety of laser products Part 1: Equipment classification,<br>requirements and user's guide<br>IEC 60825-1:1993 |   |   | Article 3(1)(a) (and<br>Article 2 2006/95/EC) |
|         | EN 60825-1:1994/AC:1995  |   |   |   |
| Cenelec | EN 60825-1:2007<br>Safety of laser products Part 1: Equipment classification and<br>requirements<br>IEC 60825-1:2007               | EN 60825-1:1994<br>and its amendments<br>Note 2.1     | Date expired<br>(1.9.2010)  | Article 3(1)(a) (and<br>Article 2 2006/95/EC) |
| Cenelec | EN 60825-2:2004<br>Safety of laser products Part 2: Safety of optical fibre<br>communication systems (OFCS)<br>IEC 60825-2:2004    | EN 60825-2:2000<br>Note 2.1                           | Date expired<br>(1.9.2007)  | Article 3(1)(a) (and<br>Article 2 2006/95/EC) |
|         | EN 60825-2:2004/A1:2007<br>IEC 60825-2:2004/A1:2006  | Note 3  | Date expired<br>(1.2.2010)  |   |
|         | EN 60825-2:2004/A2:2010<br>IEC 60825-2:2004/A2:2010  | Note 3  | 1.10.2013   |   |
| Cenelec | EN 60825-4:2006<br>Safety of laser products Part 4: Laser guards<br>IEC 60825-4:2006   | EN 60825-4:1997<br>+ A1:2002<br>+ A2:2003<br>Note 2.1 | Date expired<br>(1.10.2009)   | Article 3(1)(a) (and<br>Article 2 2006/95/EC) |
|         | EN 60825-4:2006/A1:2008<br>IEC 60825-4:2006/A1:2008  | Note 3  | 1.9.2011  |   |

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|---------|--|--|---|---|
| Cenelec | EN 60825-12:2004<br>Safety of laser products Part 12: Safety of free space optical<br>communication systems used for transmission of<br>information<br>IEC 60825-12:2004   |  |   | Article 3(1)(a) (and<br>Article 2 2006/95/EC) |
| Cenelec | EN 60950-1:2006<br>Information technology equipment - Safety Part 1: General<br>requirements<br>IEC 60950-1:2005 (Modified)  | EN 60950-1:2001<br>+ A11:2004<br>Note 2.1  | Date expired<br>(1.12.2010)   | Article 3(1)(a) (and<br>Article 2 2006/95/EC) |
|         | EN 60950-1:2006/A11:2009   | Note 3                                     | Date expired<br>(1.12.2010)   |   |
|         | EN 60950-1:2006/A1:2010<br>IEC 60950-1:2005/A1:2009 (Modified)   | Note 3                                     | 1.3.2013  |   |
| Cenelec | EN 60950-22:2006<br>Information technology equipment - Safety Part 22:<br>Equipment installed outdoors<br>IEC 60950-22:2005 (Modified)   |  |   | Article 3(1)(a) (and<br>Article 2 2006/95/EC) |
|         | EN 60950-22:2006/AC:2008   |  |   |   |
| Cenelec | EN 60950-23:2006<br>Information technology equipment - Safety Part 23: Large<br>data storage equipment<br>IEC 60950-23:2005  |  |   | Article 3(1)(a) (and<br>Article 2 2006/95/EC) |
|         | EN 60950-23:2006/AC:2008   |  |   |   |
| Cenelec | EN 61000-3-2:2006<br>Electromagnetic compatibility (EMC) Part 3-2: Limits - Limits<br>for harmonic current emissions (equipment input current<br><= 16 A per phase)<br>IEC 61000-3-2:2005  | EN 61000-3-2:2000<br>+ A2:2005<br>Note 2.1 | Date expired<br>(1.2.2009)  | Article 3(1)(b)                               |
|         | EN 61000-3-2:2006/A2:2009<br>IEC 61000-3-2:2005/A2:2009  | Note 3                                     | 1.7.2012  |   |
|         | EN 61000-3-2:2006/A1:2009<br>IEC 61000-3-2:2005/A1:2008  | Note 3                                     | 1.7.2012  |   |
| Cenelec | EN 61000-3-3:1995<br>Electromagnetic compatibility (EMC) Part 3-3: Limits - Limi-<br>tation of voltage changes, voltage fluctuations and flicker in<br>public low-voltage supply systems, for equipment with rated<br>current <= 16 A per phase and not subject to conditional<br>connection<br>IEC 61000-3-3:1994 |  | Date expired<br>(1.1.2001)  | Article 3(1)(b)                               |
|         | EN 61000-3-3:1995/A1:2001<br>IEC 61000-3-3:1994/A1:2001  | Note 3                                     | Date expired<br>(1.5.2004)  |   |
|         | EN 61000-3-3:1995/AC:1997  |  |   |   |

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|---------|---|---|---|---|
| Cenelec | EN 61000-3-3:2008<br>Electromagnetic compatibility (EMC) - Part 3-3: Limits -<br>Limitation of voltage changes, voltage fluctuations and<br>flicker in public low-voltage supply systems, for equipment<br>with rated current ≤ 16 A per phase and not subject to<br>conditional connection<br>IEC 61000-3-3:2008 | EN 61000-3-3:1995<br>and its amendments<br>Note 2.1 | 1.9.2011  | Article 3(1)(b)                               |
| Cenelec | EN 61000-3-11:2000<br>Electromagnetic compatibility (EMC) Part 3-11: Limits -<br>Limitation of voltage changes, voltage fluctuations and<br>flicker in public low-voltage supply systems - Equipment<br>with rated current ≤ 75 A and subject to conditional<br>connection<br>IEC 61000-3-11:2000                 |   | Date expired<br>(1.11.2003)   | Article 3(1)(b)                               |
| Cenelec | EN 61000-3-12:2005<br>Electromagnetic compatibility (EMC) Part 3-12: Limits -<br>Limits for harmonic currents produced by equipment<br>connected to public low-voltage systems with input<br>current > 16 A and ≤ 75 A per phase<br>IEC 61000-3-12:2004   |   | Date expired<br>(1.7.2004)  | Article 3(1)(b)                               |
| Cenelec | EN 61000-6-1:2007<br>Electromagnetic compatibility (EMC) Part 6-1: Generic<br>standards - Immunity for residential, commercial and light-<br>industrial environments<br>IEC 61000-6-1:2005  | EN 61000-6-1:2001<br>Note 2.1                       | Date expired<br>(1.12.2009)   | Article 3(1)(b)                               |
| Cenelec | EN 61000-6-2:2005<br>Electromagnetic compatibility (EMC) Part 6-2: Generic<br>standards - Immunity for industrial environments<br>IEC 61000-6-2:2005  | EN 61000-6-2:2001<br>Note 2.1                       | Date expired<br>(1.6.2008)  | Article 3(1)(b)                               |
|         | EN 61000-6-2:2005/AC:2005   |   |   |   |
| Cenelec | EN 61000-6-3:2007<br>Electromagnetic compatibility (EMC) Part 6-3: Generic<br>standards - Emission standard for residential, commercial<br>and light-industrial environments<br>IEC 61000-6-3:2006  | EN 61000-6-3:2001<br>+ A11:2004<br>Note 2.1         | Date expired<br>(1.12.2009)   | Article 3(1)(b)                               |
| Cenelec | EN 61000-6-4:2007<br>Electromagnetic compatibility (EMC) Part 6-4: Generic<br>standards - Emission standard for industrial environments<br>IEC 61000-6-4:2006   | EN 61000-6-4:2001<br>Note 2.1                       | Date expired<br>(1.12.2009)   | Article 3(1)(b)                               |
| Cenelec | EN 62311:2008<br>Assessment of electronic and electrical equipment related<br>to human exposure restrictions for electromagnetic fields<br>(0 Hz - 300 GHz)<br>IEC 62311:2007 (Modified)  |   |   | Article 3(1)(a) (and<br>Article 2 2006/95/EC) |
| Cenelec | EN 62479:2010<br>Assessment of the compliance of low power electronic and<br>electrical equipment with the basic restrictions related to<br>human exposure to electromagnetic fields (10 MHz to<br>300 GHz)<br>IEC 62479:2010 (Modified)  | EN 50371:2002<br>Note 2.1                           | 1.9.2013  | Article 3(1)(a) (and<br>Article 2 2006/95/EC) |

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|--------------------|---|-------------------------------------|---|-----------------------------------|
| ETSI               | EN 300 065-2 V1.1.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Narrow-band direct-printing telegraph equipment for receiving meteorological or navigational information (NAVTEX); Part 2: Harmonized EN under article 3.2 of the R&TTE directive  |                                     |   | Article 3(2)                      |
| ETSI               | EN 300 065-2 V1.2.1<br>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 the essential requirements of article 3.2 of the R&TTE directive   | EN 300 065-2 V1.1.1<br>Note 2.1     | 30.4.2011   | Article 3(2)                      |
| ETSI               | EN 300 065-3 V1.2.1<br>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 the essential requirements of article 3.3 (e) of the R&TTE directive   | EN 300 065-3 V1.1.1<br>Note 2.1     | Date expired<br>(28.2.2011)   | Article 3(3)                      |
| ETSI               | EN 300 086-2 V1.2.1<br>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: Harmonized EN covering essential requirements under article 3.2 of the R&TTE Directive  | EN 300 086-2 V1.1.1<br>Note 2.1     | Date expired<br>(30.6.2010)   | Article 3(2)                      |
| ETSI               | EN 300 086-2 V1.3.1<br>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: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive   | EN 300 086-2 V1.2.1<br>Note 2.1     | 31.3.2012   | Article 3(2)                      |
| ETSI               | EN 300 113-2 V1.4.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Land mobile service; Radio equipment intended for the transmission of data (and/or speech) using constant or non-constant envelope modulation and having an antenna connector; Part 2: Harmonized EN covering essential requirements of article 3.2 of the R&TTE Directive | EN 300 113-2 V1.3.1<br>Note 2.1     | Date expired<br>(31.3.2009)   | Article 3(2)                      |
| ETSI               | EN 300 113-2 V1.4.2<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Land mobile service; Radio equipment intended for the transmission of data (and/or speech) using constant or non-constant envelope modulation and having an antenna connector; Part 2: Harmonized EN covering essential requirements of article 3.2 of the R&TTE Directive | EN 300 113-2 V1.4.1<br>Note 2.1     | 31.8.2011   | Article 3(2)                      |
| ETSI               | EN 300 135-2 V1.2.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Land Mobile Service; Citizens' Band (CB) radio equipment; Angle-modulated Citizens' Band radio equipment (PR 27 Radio Equipment); Part 2: Harmonized EN covering essential requirements of article 3.2 of the R&TTE Directive  | EN 300 135-2 V1.1.1<br>Note 2.1     | Date expired<br>(30.11.2009)  | Article 3(2)                      |

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|---------|---|-------------------------------------|---|-----------------------------------|
| ETSI    | EN 300 152-2 V1.1.1<br>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 EN under article 3.2 of the R&TTE Directive                                  |                                     |   | Article 3(2)                      |
| ETSI    | EN 300 152-3 V1.1.1<br>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 covering essential requirements of article 3.3 (e) of the R&TTE Directive |                                     |   | Article 3(3)                      |
| ETSI    | EN 300 162-2 V1.2.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Radiotelephone transmitters and receivers for the maritime mobile service operating in VHF bands with the use of 12,5 kHz channels; Part 2: Harmonized EN covering essential requirements of article 3.2 of the R&TTE Directive  | EN 300 162-2 V1.1.2<br>Note 2.1     | Date expired<br>(31.8.2008)   | Article 3(2)                      |
| ETSI    | EN 300 162-3 V1.2.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Radiotelephone transmitters and receivers for the maritime mobile service operating in VHF bands with the use of 12,5 kHz channels; Part 3: Harmonized EN covering essential requirements of article 3.3 (e) of the R&TTE Directive  | EN 300 162-3 V1.1.1<br>Note 2.1     | Date expired<br>(31.8.2008)   | Article 3(3)                      |
| ETSI    | EN 300 219-2 V1.1.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Land Mobile Service; Radio equipment transmitting signals to initiate a specific response in the receiver; Part 2: Harmonized EN covering essential requirements under article 3.2 of the R&TTE Directive  |                                     |   | Article 3(2)                      |
| ETSI    | EN 300 220-2 V2.1.2<br>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 2: Harmonized EN covering essential requirements under article 3.2 of the R&TTE Directive                                      | EN 300 220-2 V2.1.1<br>Note 2.1     | Date expired<br>(31.3.2009)   | Article 3(2)                      |
| ETSI    | EN 300 220-2 V2.3.1<br>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 2: Harmonized EN covering essential requirements under article 3.2 of the R&TTE Directive                                      | EN 300 220-2 V2.1.2<br>Note 2.1     | 31.5.2013   | Article 3(2)                      |

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|--------------------|---|-------------------------------------|---|-----------------------------------|
| ETSI               | EN 300 224-2 V1.1.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); On-site paging service; Part 2: Harmonized EN under article 3.2 of the R&TTE Directive   |                                     |   | Article 3(2)                      |
| ETSI               | EN 300 296-2 V1.1.1<br>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 300 296-2 V1.2.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Land Mobile Service; Radio equipment using integral antennas intended primarily for analogue speech; Part 2: Harmonized EN covering essential requirements under article 3.2 of the R&TTE Directive                          | EN 300 296-2 V1.1.1<br>Note 2.1     | Date expired<br>(30.11.2010)  | Article 3(2)                      |
| ETSI               | EN 300 296-2 V1.3.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Land Mobile Service; Radio equipment using integral antennas intended primarily for analogue speech; Part 2: Harmonized EN covering essential requirements of article 3.2 of the R&TTE Directive                             | EN 300 296-2 V1.2.1<br>Note 2.1     | 31.3.2012   | Article 3(2)                      |
| ETSI               | EN 300 328 V1.7.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonized EN covering essential requirements under article 3.2 of the R&TTE Directive | EN 300 328 V1.6.1<br>Note 2.1       | Date expired<br>(30.6.2008)   | Article 3(2)                      |

This version of the standard gives presumption of conformity with the requirements of Article 3(2) of Directive 1999/5/EC under the following condition: The equipment shall implement an adequate spectrum sharing mechanism, e.g. LBT (Listen Before Talk), DAA (Detect And Avoid), etc., in order to comply with the requirement specified in clause 4.3.5 of this version. Such a mechanism shall facilitate sharing between the various technologies and applications which currently exist and in case of congestion, users will be ensured equal access (and as a consequence a graceful degradation of service to all users) Harmonised ways for assessing the efficiency of various sharing mechanisms are currently been developed by ETSI in draft EN 300 328 version 1.8.1.

|      |   |                                 |                              |              |
|------|---|---------------------------------|------------------------------|--------------|
| ETSI | EN 300 330-2 V1.3.1<br>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 300 330-2 V1.1.1<br>Note 2.1 | Date expired<br>(31.12.2007) | Article 3(2) |
| ETSI | EN 300 330-2 V1.5.1<br>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 covering the essential requirements of article 3.2 of the R&TTE Directive | EN 300 330-2 V1.3.1<br>Note 2.1 | 30.11.2011                   | Article 3(2) |
| ETSI | EN 300 341-2 V1.1.1<br>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  |                                 |                              | Article 3(2) |



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|---------|--|-------------------------------------|---|-----------------------------------|
| ETSI    | EN 300 373-2 V1.1.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Maritime mobile transmitters and receivers for use in the MF and HF bands Part 2: Harmonized EN covering essential requirements under article 3.2 of the R&TTE Directive  |                                     |   | Article 3(2)                      |
| ETSI    | EN 300 373-2 V1.2.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Maritime mobile transmitters and receivers for use in the MF and HF bands; Part 2: Harmonized EN covering essential requirements under article 3.2 of the R&TTE Directive   | EN 300 373-2 V1.1.1<br>Note 2.1     | 30.9.2011   | Article 3(2)                      |
| ETSI    | EN 300 373-3 V1.1.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Maritime mobile transmitters and receivers for use in the MF and HF bands Part 3: Harmonized EN covering essential requirements under article 3.3 (e) of the R&TTE Directive  |                                     |   | Article 3(3)                      |
| ETSI    | EN 300 373-3 V1.2.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Maritime mobile transmitters and receivers for use in the MF and HF bands; Part 3: Harmonized EN covering essential requirements under article 3.3(e) of the R&TTE Directive; Equipment with integrated or associated equipment for Class E Digital Selective Calling (DSC) | EN 300 373-3 V1.1.1<br>Note 2.1     | 30.9.2011   | Article 3(3)                      |
| ETSI    | EN 300 390-2 V1.1.1<br>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   | ETS 300 390/A1 ED.1<br>Note 2.1     | Date expired<br>(30.4.2001)   | Article 3(2)                      |
| ETSI    | EN 300 422-2 V1.2.2<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Wireless microphones in the 25 MHz to 3 GHz frequency range; Part 2: Harmonized EN covering essential requirements of article 3.2 of the R&TTE Directive  | EN 300 422-2 V1.1.1<br>Note 2.1     | Date expired<br>(31.12.2009)  | Article 3(2)                      |
| ETSI    | EN 300 433-2 V1.1.2<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Land Mobile Service; Double Side Band (DSB) and/or Single Side Band (SSB) amplitude modulated citizen's band radio equipment; Part 2: Harmonized EN covering essential requirements under article 3.2 of R&TTE Directive  | EN 300 433-2 V1.1.1<br>Note 2.1     | Date expired<br>(30.9.2002)   | Article 3(2)                      |
| ETSI    | EN 300 440-2 V1.3.1<br>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 covering essential requirements of article 3.2 of the R&TTE Directive   | EN 300 440-2 V1.2.1<br>Note 2.1     | Date expired<br>(31.12.2010)  | Article 3(2)                      |

| ESO <sup>(1)</sup> | Reference and title of the harmonised standard<br>(and reference document)  | Reference of superseded<br>standard | Date of cessation of<br>presumption of conformity<br>of superseded standard<br>Note 1 | Article of Directive<br>1999/5/EC |
|--------------------|---|-------------------------------------|---|-----------------------------------|
| ETSI               | EN 300 440-2 V1.4.1<br>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 covering the essential requirements of article 3.2 of the R&TTE Directive  | EN 300 440-2 V1.3.1<br>Note 2.1     | 31.5.2012   | Article 3(2)                      |
| ETSI               | EN 300 454-2 V1.1.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Wide band audio links; Part 2: Harmonized EN under article 3.2 of the R&TTE Directive  |                                     |   | Article 3(2)                      |
| ETSI               | EN 300 471-2 V1.1.1<br>Electromagnetic Compatibility and Radio spectrum Matters (ERM); Land Mobile Service; Rules for Access and the Sharing of common used channels by equipment complying with EN 300 113; Part 2: Harmonized EN covering essential requirements under article 3.2 of the R&TTE Directive   |                                     |   | Article 3(2)                      |
| ETSI               | EN 300 609-4 V9.2.1<br>Global System for Mobile communications (GSM); Part 4: Harmonized EN for GSM Repeaters covering the essential requirements of article 3.2 of the R&TTE Directive   |                                     |   | Article 3(2)                      |
| ETSI               | EN 300 674-2-1 V1.1.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Road Transport and Traffic Telematics (RTTT); Dedicated Short Range Communication (DSRC) transmission equipment (500 kbit/s / 250 kbit/s) operating in the 5,8 GHz Industrial, Scientific and Medical (ISM) band; Part 2: Harmonized EN under article 3.2 of the R&TTE Directive; Sub-part 1: Requirements for the Road Side Units (RSU) |                                     |   | Article 3(2)                      |
| ETSI               | EN 300 674-2-2 V1.1.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Road Transport and Traffic Telematics (RTTT); Dedicated Short Range Communication (DSRC) transmission equipment (500 kbit/s / 250 kbit/s) operating in the 5,8 GHz Industrial, Scientific and Medical (ISM) band; Part 2: Harmonized EN under article 3.2 of the R&TTE Directive; Sub-part 2: Requirements for the On-Board Units (OBU)  |                                     |   | Article 3(2)                      |
| ETSI               | EN 300 676-2 V1.4.1<br>Ground-based VHF hand-held, mobile and fixed radio transmitters, receivers and transceivers for the VHF aeronautical mobile service using amplitude modulation; Part 2: Harmonized EN covering essential requirements of article 3.2 of the R&TTE Directive  |                                     |   | Article 3(2)                      |
| ETSI               | EN 300 698-2 V1.2.1<br>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: Harmonized EN covering essential requirements of article 3.2 of the R&TTE Directive  | EN 300 698-2 V1.1.1<br>Note 2.1     | Date expired<br>(31.8.2010)   | Article 3(2)                      |

| ESO (1) | Reference and title of the harmonised standard<br>(and reference document)   | Reference of superseded<br>standard | Date of cessation of<br>presumption of conformity<br>of superseded standard<br>Note 1 | Article of Directive<br>1999/5/EC |
|---------|--|-------------------------------------|---|-----------------------------------|
| ETSI    | EN 300 698-3 V1.2.1<br>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: Harmonized EN covering essential requirements of article 3.3 (e) of the R&TTE Directive | EN 300 698-3 V1.1.1<br>Note 2.1     | Date expired<br>(31.8.2010)   | Article 3(3)                      |
| ETSI    | EN 300 718-2 V1.1.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Avalanche Beacons; Transmitter-receiver systems; Part 2: Harmonized EN covering essential requirements of article 3.2 of the R&TTE Directive  |                                     |   | Article 3(2)                      |
| ETSI    | EN 300 718-3 V1.2.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Avalanche beacons; Transmitter-receiver systems; Part 3: Harmonized EN covering the essential requirements of article 3.3e of the R&TTE Directive   | EN 300 718-3 V1.1.1<br>Note 2.1     | Date expired<br>(30.11.2005)  | Article 3(3)                      |
| ETSI    | EN 300 720-2 V1.2.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Ultra-High Frequency (UHF) on-board vessels communications systems and equipment; Part 2: Harmonized EN under article 3.2 of the R&TTE Directive  | EN 300 720-2 V1.1.1<br>Note 2.1     | Date expired<br>(31.7.2009)   | Article 3(2)                      |
| ETSI    | EN 300 761-2 V1.1.1<br>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: Harmonized standard covering essential requirements under article 3.2 of the R&TTE Directive  |                                     |   | Article 3(2)                      |
| ETSI    | EN 301 025-2 V1.3.1<br>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 301 025-2 V1.2.1<br>Note 2.1     | Date expired<br>(31.10.2008)  | Article 3(2)                      |
| ETSI    | EN 301 025-2 V1.4.1<br>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 covering the essential requirements of article 3.2 of the R&TTE Directive | EN 301 025-2 V1.3.1<br>Note 2.1     | 31.5.2011   | Article 3(2)                      |
| ETSI    | EN 301 025-3 V1.3.1<br>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 301 025-3 V1.2.1<br>Note 2.1     | Date expired<br>(31.10.2008)  | Article 3(3)                      |

| ESO <sup>(1)</sup> | Reference and title of the harmonised standard<br>(and reference document)  | Reference of superseded<br>standard | Date of cessation of<br>presumption of conformity<br>of superseded standard<br>Note 1 | Article of Directive<br>1999/5/EC |
|--------------------|---|-------------------------------------|---|-----------------------------------|
| ETSI               | EN 301 025-3 V1.4.1<br>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 covering the essential requirements of article 3.3(e) of the R&TTE Directive                                     | EN 301 025-3 V1.3.1<br>Note 2.1     | 31.5.2011   | Article 3(3)                      |
| ETSI               | EN 301 091-2 V1.3.2<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices; Road Transport and Traffic Telematics (RTTT); Radar equipment operating in the 76 GHz to 77 GHz; Part 2: Harmonized EN covering essential requirements of article 3.2 of the R&TTE Directive  | EN 301 091-2 V1.2.1<br>Note 2.1     | Date expired<br>(30.6.2008)   | Article 3(2)                      |
| ETSI               | EN 301 166-2 V1.2.2<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Land Mobile Service; Radio equipment for analogue and/or digital communication (speech and/or data) and operating on narrow band channels and having an antenna connector; Part 2: Harmonized EN covering essential requirements of article 3.2 of the R&TTE Directive | EN 301 166-2 V1.2.1<br>Note 2.1     | Date expired<br>(31.5.2010)   | Article 3(2)                      |
| ETSI               | EN 301 166-2 V1.2.3<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Land Mobile Service; Radio equipment for analogue and/or digital communication (speech and/or data) and operating on narrow band channels and having an antenna connector; Part 2: Harmonized EN covering essential requirements of article 3.2 of the R&TTE Directive | EN 301 166-2 V1.2.2<br>Note 2.1     | 31.8.2011   | Article 3(2)                      |
| ETSI               | EN 301 178-2 V1.2.2<br>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: Harmonized EN covering essential requirements of article 3.2 of the R&TTE Directive                  | EN 301 178-2 V1.1.1<br>Note 2.1     | Date expired<br>(31.10.2008)  | Article 3(2)                      |
| ETSI               | EN 301 357-2 V1.4.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Cordless audio devices in the range 25 MHz to 2 000 MHz; Part 2: Harmonized EN covering essential requirements of article 3.2 of the R&TTE Directive   | EN 301 357-2 V1.3.1<br>Note 2.1     | Date expired<br>(31.8.2010)   | Article 3(2)                      |
| ETSI               | EN 301 360 V1.2.1<br>Satellite Earth Stations and Systems (SES); Harmonized EN for Satellite Interactive Terminals (SIT) and Satellite User Terminals (SUT) transmitting towards geostationary satellites in the 27,5 GHz to 29,5 GHz frequency bands covering essential requirements under article 3.2 of the R&TTE Directive                                | EN 301 360 V1.1.3<br>Note 2.1       | Date expired<br>(30.11.2007)  | Article 3(2)                      |
| ETSI               | EN 301 406 V1.5.1<br>Digital Enhanced Cordless Telecommunications (DECT); Harmonized EN for Digital Enhanced Cordless Telecommunications (DECT) covering essential requirements under article 3.2 of the R&TTE Directive; Generic radio   | EN 301 406 V1.4.1<br>Note 2.1       | Date expired<br>(31.3.2005)   | Article 3(2)                      |

| ESO (1) | Reference and title of the harmonised standard<br>(and reference document)   | Reference of superseded<br>standard | Date of cessation of<br>presumption of conformity<br>of superseded standard<br>Note 1 | Article of Directive<br>1999/5/EC |
|---------|--|-------------------------------------|---|-----------------------------------|
| ETSI    | EN 301 406 V2.1.1<br>Digital Enhanced Cordless Telecommunications (DECT);<br>Harmonized EN for Digital Enhanced Cordless Telecommunications (DECT) covering the essential requirements under article 3.2 of the R&TTE Directive; Generic radio   | EN 301 406 V1.5.1<br>Note 2.1       | 30.4.2011   | Article 3(2)                      |
| ETSI    | EN 301 423 V1.1.1<br>Electromagnetic Compatibility and Radio spectrum Matters (ERM); Harmonized Standard for the Terrestrial Flight Telecommunications System under article 3.2 of the R&TTE Directive   | TBR 023 ED.1<br>Note 2.1            | Date expired<br>(30.9.2002)   | Article 3(2)                      |
| ETSI    | EN 301 426 V1.2.1<br>Satellite Earth Stations and Systems (SES); Harmonized EN for Low data rate Land Mobile satellite Earth Stations (LMES) and Maritime Mobile satellite Earth Stations (MMES) not intended for distress and safety communications 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<br>Note 2.1       | Date expired<br>(30.6.2002)   | Article 3(2)                      |
| ETSI    | EN 301 427 V1.2.1<br>Satellite Earth Stations and Systems (SES); Harmonized EN for Low data rate Mobile satellite Earth Stations (MESS) except aeronautical mobile 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 301 427 V1.1.1<br>Note 2.1       | Date expired<br>(31.8.2003)   | Article 3(2)                      |
| ETSI    | EN 301 428 V1.3.1<br>Satellite Earth Stations and Systems (SES); Harmonized 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 V1.2.1<br>Note 2.1       | Date expired<br>(30.6.2007)   | Article 3(2)                      |
| ETSI    | EN 301 430 V1.1.1<br>Satellite Earth Stations and Systems (SES); Harmonized 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 030 ED.1<br>Note 2.1            | Date expired<br>(31.1.2001)   | Article 3(2)                      |
| ETSI    | EN 301 441 V1.1.1<br>Satellite Earth Stations and Systems (SES); Harmonized 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 041 ED.1<br>Note 2.1            | Date expired<br>(31.1.2001)   | Article 3(2)                      |
| ETSI    | EN 301 442 V1.1.1<br>Satellite Earth Stations and Systems (SES); Harmonized 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 042 ED.1<br>Note 2.1            | Date expired<br>(31.1.2001)   | Article 3(2)                      |

| ESO (1) | Reference and title of the harmonised standard<br>(and reference document)  | Reference of superseded<br>standard | Date of cessation of<br>presumption of conformity<br>of superseded standard<br>Note 1 | Article of Directive<br>1999/5/EC |
|---------|---|-------------------------------------|---|-----------------------------------|
| ETSI    | EN 301 442 V1.2.1<br>Satellite Earth Stations and Systems (SES); Harmonized 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 | EN 301 442 V1.1.1<br>Note 2.1       | 31.5.2012   | Article 3(2)                      |
| ETSI    | EN 301 443 V1.3.1<br>Satellite Earth Stations and Systems (SES); Harmonized 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 V1.2.1<br>Note 2.1       | Date expired<br>(30.11.2007)  | Article 3(2)                      |
| ETSI    | EN 301 444 V1.1.1<br>Satellite Earth Stations and Systems (SES); Harmonized 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 044 ED.1<br>Note 2.1            | Date expired<br>(31.1.2001)   | Article 3(2)                      |
| ETSI    | EN 301 447 V1.1.1<br>Satellite Earth Stations and Systems (SES); Harmonized EN for satellite Earth Stations on board Vessels (ESVs) operating in the 4/6 GHz frequency bands allocated to the Fixed Satellite Service (FSS) covering essential requirements of article 3.2 of the R&TTE directive   |                                     |   | Article 3(2)                      |
| ETSI    | EN 301 449 V1.1.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Harmonized EN for CDMA spread spectrum base stations operating in the 450 MHz cellular band (CDMA 450) and 410, 450 and 870 MHz PAMR bands (CDMA-PAMR) covering essential requirements of article 3.2 of the R&TTE Directive                                 |                                     |   | Article 3(2)                      |
| ETSI    | EN 301 459 V1.4.1<br>Satellite Earth Stations and Systems (SES); Harmonized EN for Satellite Interactive Terminals (SIT) and Satellite User Terminals (SUT) transmitting towards satellites in geostationary orbit in the 29,5 GHz to 30,0 GHz frequency bands covering essential requirements under article 3.2 of the R&TTE Directive           | EN 301 459 V1.3.1<br>Note 2.1       | Date expired<br>(31.3.2009)   | Article 3(2)                      |
| ETSI    | EN 301 489-1 V1.6.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements   | EN 301 489-1 V1.5.1<br>Note 2.1     | Date expired<br>(30.11.2008)  | Article 3(1)(b)                   |
| ETSI    | EN 301 489-1 V1.8.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements   | EN 301 489-1 V1.6.1<br>Note 2.1     | 1.10.2011   | Article 3(1)(b)                   |

| ESO (1) | Reference and title of the harmonised standard<br>(and reference document)  | Reference of superseded<br>standard | Date of cessation of<br>presumption of conformity<br>of superseded standard<br>Note 1 | Article of Directive<br>1999/5/EC |
|---------|---|-------------------------------------|---|-----------------------------------|
| ETSI    | EN 301 489-10 V1.3.1<br>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<br>V1.2.1<br>Note 2.1 | Date expired<br>(30.11.2005)  | Article 3(1)(b)                   |
| ETSI    | EN 301 489-11 V1.3.1<br>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<br>V1.2.1<br>Note 2.1 | Date expired<br>(30.11.2007)  | Article 3(1)(b)                   |
| ETSI    | EN 301 489-12 V2.2.2<br>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) | EN 301 489-12<br>V1.2.1<br>Note 2.1 | Date expired<br>(30.6.2010)   | Article 3(1)(b)                   |
| ETSI    | EN 301 489-13 V1.2.1<br>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)   | EN 301 489-13<br>V1.1.1<br>Note 2.1 | Date expired<br>(30.11.2005)  | Article 3(1)(b)                   |
| ETSI    | EN 301 489-14 V1.2.1<br>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   | EN 301 489-14<br>V1.1.1<br>Note 2.1 | Date expired<br>(31.7.2006)   | Article 3(1)(b)                   |
| ETSI    | EN 301 489-15 V1.2.1<br>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<br>V1.1.1<br>Note 2.1 | Date expired<br>(30.11.2005)  | Article 3(1)(b)                   |
| ETSI    | EN 301 489-16 V1.2.1<br>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<br>V1.1.1<br>Note 2.1 | Date expired<br>(30.11.2005)  | Article 3(1)(b)                   |
| ETSI    | EN 301 489-17 V1.3.2<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment; Part 17: Specific conditions for 2,4 GHz wideband transmission systems, 5 GHz high performance RLAN equipment and 5,8 GHz Broadband Data Transmitting Systems   | EN 301 489-17<br>V1.2.1<br>Note 2.1 | Date expired<br>(31.7.2010)   | Article 3(1)(b)                   |



| ESO (1) | Reference and title of the harmonised standard<br>(and reference document)   | Reference of superseded<br>standard | Date of cessation of<br>presumption of conformity<br>of superseded standard<br>Note 1 | Article of Directive<br>1999/5/EC |
|---------|--|-------------------------------------|---|-----------------------------------|
| ETSI    | EN 301 489-17 V2.1.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment; Part 17: Specific conditions for Broadband Data Transmission Systems   | EN 301 489-17<br>V1.3.2<br>Note 2.1 | 1.10.2011   | Article 3(1)(b)                   |
| ETSI    | EN 301 489-18 V1.3.1<br>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<br>V1.2.1<br>Note 2.1 | Date expired<br>(30.11.2005)  | Article 3(1)(b)                   |
| ETSI    | EN 301 489-19 V1.2.1<br>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<br>V1.1.1<br>Note 2.1 | Date expired<br>(30.11.2005)  | Article 3(1)(b)                   |
| ETSI    | EN 301 489-2 V1.3.1<br>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 301 489-2 V1.2.1<br>Note 2.1     | Date expired<br>(30.11.2005)  | Article 3(1)(b)                   |
| ETSI    | EN 301 489-20 V1.2.1<br>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<br>V1.1.1<br>Note 2.1 | Date expired<br>(30.11.2005)  | Article 3(1)(b)                   |
| ETSI    | EN 301 489-22 V1.3.1<br>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<br>V1.2.1<br>Note 2.1 | Date expired<br>(28.2.2007)   | Article 3(1)(b)                   |
| ETSI    | EN 301 489-23 V1.3.1<br>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<br>V1.2.1<br>Note 2.1 | Date expired<br>(31.5.2009)   | Article 3(1)(b)                   |
| ETSI    | EN 301 489-23 V1.4.1<br>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 and E-UTRA) Base Station (BS) radio, repeater and ancillary equipment | EN 301 489-23<br>V1.3.1<br>Note 2.1 | 30.6.2012   | Article 3(1)(b)                   |
| ETSI    | EN 301 489-24 V1.4.1<br>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)                   |



| ESO (1) | Reference and title of the harmonised standard<br>(and reference document)  | Reference of superseded<br>standard | Date of cessation of<br>presumption of conformity<br>of superseded standard<br>Note 1 | Article of Directive<br>1999/5/EC |
|---------|---|-------------------------------------|---|-----------------------------------|
| ETSI    | EN 301 489-24 V1.5.1<br>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 and E-UTRA) for Mobile and portable (UE) radio and ancillary equipment                                | EN 301 489-24<br>V1.4.1<br>Note 2.1 | 31.7.2012   | Article 3(1)(b)                   |
| ETSI    | EN 301 489-25 V2.3.2<br>Electromagnetic compatibility and radio spectrum matters (ERM); Electromagnetic compatibility (EMC) standard for radio equipment and services; Part 25: Specific conditions for CDMA 1x Spread Spectrum Mobile Stations and ancillary equipment   | EN 301 489-25<br>V2.2.1<br>Note 2.1 | Date expired<br>(30.4.2007)   | Article 3(1)(b)                   |
| ETSI    | EN 301 489-26 V2.3.2<br>Electromagnetic compatibility and radio spectrum matters (ERM); Electromagnetic compatibility (EMC) standard for radio equipment and services; Part 26: Specific conditions for CDMA 1x spread spectrum base stations, repeaters and ancillary equipment  | EN 301 489-26<br>V2.2.1<br>Note 2.1 | Date expired<br>(30.4.2007)   | Article 3(1)(b)                   |
| ETSI    | EN 301 489-27 V1.1.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 27: Specific conditions for Ultra Low Power Active Medical Implants (ULP-AMI) and related peripheral devices (ULP-AMI-P)  |                                     |   | Article 3(1)(b)                   |
| ETSI    | EN 301 489-28 V1.1.1<br>Electromagnetic compatibility and Radio Spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 28: Specific conditions for wireless digital video links  |                                     |   | Article 3(1)(b)                   |
| ETSI    | EN 301 489-29 V1.1.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 29: Specific conditions for Medical Data Service Devices (MEDS) operating in the 401 MHz to 402 MHz and 405 MHz to 406 MHz bands                                    |                                     |   | Article 3(1)(b)                   |
| ETSI    | EN 301 489-3 V1.4.1<br>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 301 489-3 V1.3.1<br>Note 2.1     | Date expired<br>(30.11.2005)  | Article 3(1)(b)                   |
| ETSI    | EN 301 489-31 V1.1.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 31: Specific conditions for equipment in the 9 kHz to 315 kHz band for Ultra Low Power Active Medical Implants (ULP-AMI) and related peripheral devices (ULP-AMI-P) |                                     |   | Article 3(1)(b)                   |

| ESO (1) | Reference and title of the harmonised standard<br>(and reference document)  | Reference of superseded<br>standard | Date of cessation of<br>presumption of conformity<br>of superseded standard<br>Note 1 | Article of Directive<br>1999/5/EC |
|---------|---|-------------------------------------|---|-----------------------------------|
| ETSI    | EN 301 489-32 V1.1.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 32: Specific conditions for Ground and Wall Probing Radar applications  |                                     |   | Article 3(1)(b)                   |
| ETSI    | EN 301 489-33 V1.1.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 33: Specific conditions for Ultra Wide Band (UWB) communications devices  |                                     |   | Article 3(1)(b)                   |
| ETSI    | EN 301 489-34 V1.1.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 34: Specific conditions for External Power Supply (EPS) for mobile phones   |                                     |   | Article 3(1)(b)                   |
| ETSI    | EN 301 489-4 V1.4.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 4: Specific conditions for fixed radio links, Broadband Data Transmission System Base stations, ancillary equipment and services                 | EN 301 489-4 V1.3.1<br>Note 2.1     | Date expired<br>(31.1.2011)   | Article 3(1)(b)                   |
| ETSI    | EN 301 489-5 V1.3.1<br>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 301 489-5 V1.2.1<br>Note 2.1     | Date expired<br>(30.11.2005)  | Article 3(1)(b)                   |
| ETSI    | EN 301 489-6 V1.3.1<br>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 301 489-6 V1.2.1<br>Note 2.1     | Date expired<br>(31.5.2010)   | Article 3(1)(b)                   |
| ETSI    | EN 301 489-7 V1.3.1<br>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 301 489-7 V1.2.1<br>Note 2.1     | Date expired<br>(31.1.2009)   | Article 3(1)(b)                   |
| ETSI    | EN 301 489-8 V1.2.1<br>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 301 489-8 V1.1.1<br>Note 2.1     | Date expired<br>(30.11.2005)  | Article 3(1)(b)                   |
| ETSI    | EN 301 489-9 V1.4.1<br>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 301 489-9 V1.3.1<br>Note 2.1     | Date expired<br>(31.8.2009)   | Article 3(1)(b)                   |

| ESO (1) | Reference and title of the harmonised standard<br>(and reference document)  | Reference of superseded<br>standard | Date of cessation of<br>presumption of conformity<br>of superseded standard<br>Note 1 | Article of Directive<br>1999/5/EC |
|---------|---|-------------------------------------|---|-----------------------------------|
| ETSI    | EN 301 502 V8.1.2<br>Harmonized 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 8.1.2 Release 1999)   | EN 301 502 V7.0.1<br>Note 2.1       | Date expired<br>(30.4.2002)   | Article 3(2)                      |
| ETSI    | EN 301 502 V9.2.1<br>Global System for Mobile communications (GSM); Harmonized EN for Base Station Equipment covering the essential requirements of article 3.2 of the R&TTE Directive  | EN 301 502 V8.1.2<br>Note 2.1       | 31.7.2012   | Article 3(2)                      |
| ETSI    | EN 301 511 V9.0.2<br>Global System for Mobile communications (GSM); Harmonized EN for mobile stations in the GSM 900 and GSM 1800 bands covering essential requirements under article 3.2 of the R&TTE directive (1999/5/EC)  | EN 301 511 V7.0.1<br>Note 2.1       | Date expired<br>(30.6.2004)   | Article 3(2)                      |
| ETSI    | EN 301 526 V1.1.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Harmonized EN for CDMA spread spectrum mobile stations operating in the 450 MHz cellular band (CDMA 450) and 410, 450 and 870 MHz PAMR bands (CDMA-PAMR) covering essential requirements of article 3.2 of the R&TTE Directive   |                                     |   | Article 3(2)                      |
| ETSI    | EN 301 681 V1.3.2<br>Satellite Earth Stations and Systems (SES); Harmonized 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 | EN 301 681 V1.2.1<br>Note 2.1       | Date expired<br>(31.3.2006)   | Article 3(2)                      |
| ETSI    | EN 301 721 V1.2.1<br>Satellite Earth Stations and Systems (SES); Harmonized 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<br>Note 2.1       | Date expired<br>(31.3.2002)   | Article 3(2)                      |
| ETSI    | EN 301 783-2 V1.1.1<br>Electromagnetic compatibility and Radio Spectrum Matters (ERM); Land Mobile Service; Commercially available amateur radio equipment; Part 2: Harmonized EN covering essential requirements under article 3.2 of the R&TTE Directive  |                                     |   | Article 3(2)                      |
| ETSI    | EN 301 783-2 V1.2.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Land Mobile Service; Commercially available amateur radio equipment; Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive   | EN 301 783-2 V1.1.1<br>Note 2.1     | 30.9.2011   | Article 3(2)                      |
| ETSI    | EN 301 796 V1.1.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Harmonized EN for CT1 and CT1+ cordless telephone equipment covering essential requirements under article 3.2 of the R&TTE directive   |                                     |   | Article 3(2)                      |

| ESO (1) | Reference and title of the harmonised standard<br>(and reference document)   | Reference of superseded<br>standard | Date of cessation of<br>presumption of conformity<br>of superseded standard<br>Note 1 | Article of Directive<br>1999/5/EC |
|---------|--|-------------------------------------|---|-----------------------------------|
| ETSI    | EN 301 797 V1.1.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Harmonized 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 V1.2.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Ultra Low Power Active Medical Implants (ULP-AMI) and Peripherals (ULP-AMI-P) operating in the frequency range 402 MHz to 405 MHz; Part 2: Harmonized EN covering essential requirements of article 3.2 of the R&TTE Directive | EN 301 839-2 V1.1.1<br>Note 2.1     | Date expired<br>(31.3.2009)   | Article 3(2)                      |
| ETSI    | EN 301 839-2 V1.3.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Ultra Low Power Active Medical Implants (ULP-AMI) and Peripherals (ULP-AMI-P) operating in the frequency range 402 MHz to 405 MHz; Part 2: Harmonized EN covering essential requirements of article 3.2 of the R&TTE Directive | EN 301 839-2 V1.2.1<br>Note 2.1     | 30.6.2011   | Article 3(2)                      |
| ETSI    | EN 301 840-2 V1.1.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Digital wireless microphones operating in the CEPT harmonized band 1 785 MHz to 1 800 MHz; Part 2: Harmonized EN under article 3.2 of the R&TTE Directive   |                                     |   | Article 3(2)                      |
| ETSI    | EN 301 843-1 V1.2.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for marine radio equipment and services; Part 1: Common technical requirements   | EN 301 843-1 V1.1.1<br>Note 2.1     | Date expired<br>(31.3.2006)   | Article 3(1)(b)                   |
| ETSI    | EN 301 843-2 V1.2.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for marine radio equipment and services; Part 2: Specific conditions for VHF radiotelephone transmitters and receivers   | EN 301 843-2 V1.1.1<br>Note 2.1     | Date expired<br>(31.3.2006)   | Article 3(1)(b)                   |
| ETSI    | EN 301 843-4 V1.2.1<br>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   | EN 301 843-4 V1.1.1<br>Note 2.1     | Date expired<br>(31.3.2006)   | Article 3(1)(b)                   |
| ETSI    | EN 301 843-5 V1.1.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for marine radio equipment and services; Part 5: Specific conditions for MF/HF radiotelephone transmitters and receivers   |                                     |   | Article 3(1)(b)                   |
| ETSI    | EN 301 843-6 V1.1.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for marine radio equipment and services; Part 6: Specific conditions for Earth Stations on board Vessels operating in frequency bands above 3 GHz  |                                     |   | Article 3(1)(b)                   |

| ESO (1) | Reference and title of the harmonised standard<br>(and reference document)  | Reference of superseded<br>standard | Date of cessation of<br>presumption of conformity<br>of superseded standard<br>Note 1 | Article of Directive<br>1999/5/EC |
|---------|---|-------------------------------------|---|-----------------------------------|
| ETSI    | EN 301 893 V1.4.1<br>Broadband Radio Access Networks (BRAN); 5 GHz high performance RLAN; Harmonized EN covering essential requirements of article 3.2 of the R&TTE Directive | EN 301 893 V1.3.1<br>Note 2.1       | Date expired<br>(31.3.2009)   | Article 3(2)                      |

This version of the standard gives presumption of conformity with the requirements of article 3.2 of Dir. 1999/5/EC under the following additional conditions: The Dynamic Frequency Selection (DFS) mechanism implemented by equipment transmitting in the frequency band 5 600-5 650 MHz, must also be able to detect meteorological radars employing non-constant pulse interval times. These are often referred to as staggered or interleaved PRFs (Pulse Repetition Frequencies) by which up to 3 different PRF values are used. As of 1 April 2009, the requirement to detect these staggered or interleaved PRFs is extended to the bands 5 250-5 350 MHz and 5 470-5 725 MHz. As of the same date, equipment transmitting in the frequency band 5 600-5 650 MHz must also be able to detect pulse widths down to 0,8 µs and must perform a 10 min CAC (Channel Availability Check) or equivalent to take account of the fact that meteorological radars may perform receive-only noise calibration scans. Harmonised ways for assessing these additional requirements have been proposed by ETSI in draft EN 301 893 v 1.5.1.

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| ETSI | EN 301 893 V1.5.1<br>Broadband Radio Access Networks (BRAN); 5 GHz high performance RLAN; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive   | EN 301 893 V1.4.1<br>Note 2.1       | Date expired<br>(30.6.2010) | Article 3(2) |
| ETSI | EN 301 908-1 V3.2.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks; Part 1: Harmonized EN for IMT-2000, introduction and common requirements, covering essential requirements of article 3.2 of the R&TTE Directive       | EN 301 908-1 V2.2.1<br>Note 2.1     | Date expired<br>(31.1.2009) | Article 3(2) |
| ETSI | EN 301 908-1 V4.2.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks; Part 1: Harmonized EN for IMT-2000, introduction and common requirements, covering the essential requirements of article 3.2 of the R&TTE Directive   | EN 301 908-1 V3.2.1<br>Note 2.1     | 30.11.2011                  | Article 3(2) |
| ETSI | EN 301 908-10 V2.1.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks; Part 10: Harmonized EN for IMT-2000, FDMA/TDMA (DECT) covering essential requirements of article 3.2 of the R&TTE Directive                          | EN 301 908-10<br>V1.1.1<br>Note 2.1 | Date expired<br>(30.9.2005) | Article 3(2) |
| ETSI | EN 301 908-10 V4.1.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks; Part 10: Harmonized EN for IMT-2000, FDMA/TDMA (DECT) covering essential requirements of article 3.2 of the R&TTE Directive                          | EN 301 908-10<br>V2.1.1<br>Note 2.1 | 30.4.2011                   | Article 3(2) |
| ETSI | EN 301 908-11 V3.2.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks; Part 11: Harmonized EN for IMT-2000, CDMA Direct Spread (UTRA FDD) (Repeaters) covering essential requirements of article 3.2 of the R&TTE Directive | EN 301 908-11<br>V2.3.1<br>Note 2.1 | Date expired<br>(31.1.2009) | Article 3(2) |

| ESO <sup>(1)</sup> | Reference and title of the harmonised standard<br>(and reference document)  | Reference of superseded<br>standard | Date of cessation of<br>presumption of conformity<br>of superseded standard<br>Note 1 | Article of Directive<br>1999/5/EC |
|--------------------|---|-------------------------------------|---|-----------------------------------|
| ETSI               | EN 301 908-11 V4.2.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks; Part 11: Harmonized EN for IMT-2000, CDMA Direct Spread (UTRA FDD and E-UTRA FDD) (Repeaters) covering the essential requirements of article 3.2 of the R&TTE Directive            | EN 301 908-11<br>V3.2.1<br>Note 2.1 | 30.11.2011  | Article 3(2)                      |
| ETSI               | EN 301 908-12 V3.1.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks; Part 12: Harmonized EN for IMT-2000, CDMA Multi-Carrier (cdma2000) (Repeaters) covering essential requirements of article 3.2 of the R&TTE Directive                               |                                     |   | Article 3(2)                      |
| ETSI               | EN 301 908-12 V4.2.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks; Part 12: Harmonized EN for IMT-2000, CDMA Multi-Carrier (cdma2000) (Repeaters) covering the essential requirements of article 3.2 of the R&TTE Directive                           | EN 301 908-12<br>V3.1.1<br>Note 2.1 | 30.11.2011  | Article 3(2)                      |
| ETSI               | EN 301 908-13 V4.2.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks; Part 13: Harmonized EN for IMT-2000, Evolved Universal Terrestrial Radio Access (E-UTRA) (UE) covering the essential requirements of article 3.2 of the R&TTE Directive            |                                     |   | Article 3(2)                      |
| ETSI               | EN 301 908-14 V4.2.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks; Part 14: Harmonized EN for IMT-2000, Evolved Universal Terrestrial Radio Access (E-UTRA) (BS) covering the essential requirements of article 3.2 of the R&TTE Directive            |                                     |   | Article 3(2)                      |
| ETSI               | EN 301 908-15 V4.2.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks; Part 15: Harmonized EN for IMT-2000, Evolved Universal Terrestrial Radio Access (E-UTRA) (FDD Repeaters) covering the essential requirements of article 3.2 of the R&TTE Directive |                                     |   | Article 3(2)                      |
| ETSI               | EN 301 908-16 V4.2.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks; Part 16: Harmonized EN for IMT-2000, Evolved CDMA Multi-Carrier Ultra Mobile Broadband (UMB) (UE) covering the essential requirements of article 3.2 of the R&TTE Directive        |                                     |   | Article 3(2)                      |

| ESO (1) | Reference and title of the harmonised standard<br>(and reference document)   | Reference of superseded<br>standard | Date of cessation of<br>presumption of conformity<br>of superseded standard<br>Note 1 | Article of Directive<br>1999/5/EC |
|---------|--|-------------------------------------|---|-----------------------------------|
| ETSI    | EN 301 908-17 V4.2.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks; Part 17: Harmonized EN for IMT-2000, Evolved CDMA Multi-Carrier Ultra Mobile Broadband (UMB) (BS) covering the essential requirements of article 3.2 of the R&TTE Directive                                 |                                     |   | Article 3(2)                      |
| ETSI    | EN 301 908-2 V3.2.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks; Part 2: Harmonized EN for IMT-2000, CDMA Direct Spread (UTRA FDD) (UE) covering essential requirements of article 3.2 of the R&TTE Directive   | EN 301 908-2 V2.2.1<br>Note 2.1     | Date expired<br>(31.1.2009)   | Article 3(2)                      |
| ETSI    | EN 301 908-2 V4.2.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks; Part 2: Harmonized EN for IMT-2000, CDMA Direct Spread (UTRA FDD and E-UTRA FDD) (UE) covering the essential requirements of article 3.2 of the R&TTE Directive  | EN 301 908-2 V3.2.1<br>Note 2.1     | 30.11.2011  | Article 3(2)                      |
| ETSI    | EN 301 908-3 V3.2.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks; Part 3: Harmonized EN for IMT-2000, CDMA Direct Spread (UTRA FDD) (BS) covering essential requirements of article 3.2 of the R&TTE Directive   | EN 301 908-3 V2.2.1<br>Note 2.1     | Date expired<br>(31.1.2009)   | Article 3(2)                      |
| ETSI    | EN 301 908-3 V4.2.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks; Part 3: Harmonized EN for IMT-2000, CDMA Direct Spread (UTRA FDD and E-UTRA FDD) (BS) covering the essential requirements of article 3.2 of the R&TTE Directive  | EN 301 908-3 V3.2.1<br>Note 2.1     | 30.11.2011  | Article 3(2)                      |
| ETSI    | EN 301 908-4 V3.2.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks; Part 4: Harmonized EN for IMT-2000, CDMA Multi-Carrier (cdma2000) (UE) covering essential requirements of article 3.2 of the R&TTE Directive   | EN 301 908-4 V2.2.1<br>Note 2.1     | Date expired<br>(31.5.2009)   | Article 3(2)                      |
| ETSI    | EN 301 908-4 V4.2.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks; Part 4: Harmonized EN for IMT-2000, CDMA Multi-Carrier (cdma2000) and Evolved CDMA Multi-Carrier Ultra Mobile Broadband (UMB) (UE) covering the essential requirements of article 3.2 of the R&TTE Directive | EN 301 908-4 V3.2.1<br>Note 2.1     | 30.11.2011  | Article 3(2)                      |



| ESO <sup>(1)</sup> | Reference and title of the harmonised standard<br>(and reference document)   | Reference of superseded<br>standard | Date of cessation of<br>presumption of conformity<br>of superseded standard<br>Note 1 | Article of Directive<br>1999/5/EC |
|--------------------|--|-------------------------------------|---|-----------------------------------|
| ETSI               | EN 301 908-5 V3.2.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks; Part 5: Harmonized EN for IMT-2000, CDMA Multi-Carrier (cdma2000) (BS) covering essential requirements of article 3.2 of the R&TTE Directive   | EN 301 908-5 V2.2.1<br>Note 2.1     | Date expired<br>(31.5.2009)   | Article 3(2)                      |
| ETSI               | EN 301 908-5 V4.2.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks; Part 5: Harmonized EN for IMT-2000, CDMA Multi-Carrier (cdma2000) and Evolved CDMA Multi-Carrier Ultra Mobile Broadband (UMB) (BS) covering the essential requirements of article 3.2 of the R&TTE Directive | EN 301 908-5 V3.2.1<br>Note 2.1     | 30.11.2011  | Article 3(2)                      |
| ETSI               | EN 301 908-6 V3.2.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks; Part 6: Harmonized EN for IMT-2000, CDMA TDD (UTRA TDD) (UE) covering essential requirements of article 3.2 of the R&TTE Directive   | EN 301 908-6 V2.2.1<br>Note 2.1     | Date expired<br>(31.5.2009)   | Article 3(2)                      |
| ETSI               | EN 301 908-6 V4.2.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks; Part 6: Harmonized EN for IMT-2000, CDMA TDD (UTRA TDD and E-UTRA TDD) (UE) covering the essential requirements of article 3.2 of the R&TTE Directive  | EN 301 908-6 V3.2.1<br>Note 2.1     | 30.11.2011  | Article 3(2)                      |
| ETSI               | EN 301 908-7 V3.2.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks; Part 7: Harmonized EN for IMT-2000, CDMA TDD (UTRA TDD) (BS) covering essential requirements of article 3.2 of the R&TTE Directive   | EN 301 908-7 V2.2.2<br>Note 2.1     | Date expired<br>(31.1.2009)   | Article 3(2)                      |
| ETSI               | EN 301 908-7 V4.2.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks; Part 7: Harmonized EN for IMT-2000, CDMA TDD (UTRA TDD and E-UTRA TDD) (BS) covering the essential requirements of article 3.2 of the R&TTE Directive  | EN 301 908-7 V3.2.1<br>Note 2.1     | 30.11.2011  | Article 3(2)                      |
| ETSI               | EN 301 908-8 V1.1.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Base Stations (BS) and User Equipment (UE) for IMT-2000 Third Generation cellular networks; Part 8: Harmonized 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)                      |



| ESO (1) | Reference and title of the harmonised standard<br>(and reference document)  | Reference of superseded<br>standard | Date of cessation of<br>presumption of conformity<br>of superseded standard<br>Note 1 | Article of Directive<br>1999/5/EC |
|---------|---|-------------------------------------|---|-----------------------------------|
| ETSI    | EN 301 908-9 V1.1.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Base Stations (BS) and User Equipment (UE) for IMT-2000 Third Generation cellular networks; Part 9: Harmonized 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 301 929-2 V1.2.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); VHF transmitters and receivers as Coast Stations for GMDSS and other applications in the maritime mobile service; Part 2: Harmonized EN under article 3.2 of the R&TTE Directive   | EN 301 929-2 V1.1.1<br>Note 2.1     | Date expired<br>(30.11.2008)  | Article 3(2)                      |
| ETSI    | EN 301 997-2 V1.1.1<br>Transmission and Multiplexing (TM); Multipoint equipment; Radio equipment for use in Multimedia Wireless Systems (MWS) in the frequency band 40,5 GHz to 43,5 GHz; Part 2: Harmonized EN covering essential requirements under article 3.2 of the R&TTE Directive  |                                     |   | Article 3(2)                      |
| ETSI    | EN 302 017-2 V1.1.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Transmitting equipment for the Amplitude Modulated (AM) sound broadcasting service; Part 2: Harmonized EN under article 3.2 of the R&TTE Directive   |                                     |   | Article 3(2)                      |
| ETSI    | EN 302 018-2 V1.2.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Transmitting equipment for the Frequency Modulated (FM) sound broadcasting service; Part 2: Harmonized EN under article 3.2 of the R&TTE Directive   | EN 302 018-2 V1.1.1<br>Note 2.1     | Date expired<br>(30.11.2007)  | Article 3(2)                      |
| ETSI    | EN 302 054-2 V1.1.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Meteorological Aids (Met Aids); Radiosondes to be used in the 400,15 MHz to 406 MHz frequency range with power levels ranging up to 200 mW; Part 2: Harmonized EN covering essential requirements under article 3.2 of the R&TTE Directive |                                     |   | Article 3(2)                      |
| ETSI    | EN 302 064-2 V1.1.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Wireless Video Links (WVL) operating in the 1,3 GHz to 50 GHz frequency band; Part 2: Harmonized EN under article 3.2 of the R&TTE Directive   |                                     |   | Article 3(2)                      |
| ETSI    | EN 302 065 V1.1.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Ultra WideBand (UWB) technologies for communication purposes; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive  |                                     |   | Article 3(2)                      |
| ETSI    | EN 302 065 V1.2.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD) using Ultra Wide Band technology (UWB) for communications purposes; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive  | EN 302 065 V1.1.1<br>Note 2.1       | 30.6.2012   | Article 3(2)                      |

| ESO (1) | Reference and title of the harmonised standard<br>(and reference document)   | Reference of superseded<br>standard  | Date of cessation of<br>presumption of conformity<br>of superseded standard<br>Note 1 | Article of Directive<br>1999/5/EC |
|---------|--|--------------------------------------|---|-----------------------------------|
| ETSI    | EN 302 066-2 V1.2.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Ground- and Wall- Probing Radar applications (GPR/WPR) imaging systems; Part 2: Harmonized EN covering essential requirements of article 3.2 of the R&TTE Directive   | EN 302 066-2 V1.1.1<br>Note 2.1      | Date expired<br>(30.11.2009)  | Article 3(2)                      |
| ETSI    | EN 302 077-2 V1.1.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Transmitting equipment for the Terrestrial - Digital Audio Broadcasting (T-DAB) service; Part 2: Harmonized EN under article 3.2 of the R&TTE Directive   |                                      |   | Article 3(2)                      |
| ETSI    | EN 302 186 V1.1.1<br>Satellite Earth Stations and Systems (SES); Harmonized EN for satellite mobile Aircraft Earth Stations (AESs)operating in the 11/12/14 GHz frequency bands covering essential requirements under article 3.2 of the R&TTE Directive   |                                      |   | Article 3(2)                      |
| ETSI    | EN 302 194-2 V1.1.2<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Navigation radar used on inland waterways; Part 2: Harmonized EN covering essential requirements of article 3.2 of the R&TTE Directive  |                                      |   | Article 3(2)                      |
| ETSI    | EN 302 195-2 V1.1.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Radio equipment in the frequency range 9 kHz to 315 kHz for Ultra Low Power Active Medical Implants (ULP-AMI) and accessories;Part 2: Harmonized EN covering essential requirements of article 3.2 of the R&TTE Directive   |                                      |   | Article 3(2)                      |
| ETSI    | EN 302 208-2 V1.2.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Radio Frequency Identification Equipment operating in the band 865 MHz to 868 MHz with power levels up to 2 W; Part 2: Harmonized EN covering essential requirements of Article 3.2 of the R&TTE Directive                  | EN 302 208-2 V1.1.1<br>Note 2.1      | Date expired<br>(31.12.2009)  | Article 3(2)                      |
| ETSI    | EN 302 208-2 V1.3.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Radio Frequency Identification Equipment operating in the band 865 MHz to 868 MHz with power levels up to 2 W; Part 2: Harmonized EN covering essential requirements of article 3.2 of the R&TTE Directive                  | EN 302 208-2 V1.2.1<br>Note 2.1      | 30.11.2011  | Article 3(2)                      |
| ETSI    | EN 302 217-2-2 V1.3.1<br>Fixed Radio Systems; Characteristics and requirements for point-to-point equipment and antennas;Part 2-2: Digital systems operating in frequency bands where frequency co-ordination is applied;Harmonized EN covering the essential requirements of Article 3.2 of the R&TTE Directive   | EN 302 217-2-2<br>V1.2.3<br>Note 2.1 | Date expired<br>(31.1.2011)   | Article 3(2)                      |
| ETSI    | EN 302 217-2-2 V1.4.1<br>Fixed Radio Systems; Characteristics and requirements for point-to-point equipment and antennas; Part 2-2: Digital systems operating in frequency bands where frequency co-ordination is applied; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive | EN 302 217-2-2<br>V1.3.1<br>Note 2.1 | 30.9.2012   | Article 3(2)                      |

| ESO (1) | Reference and title of the harmonised standard<br>(and reference document)  | Reference of superseded<br>standard  | Date of cessation of<br>presumption of conformity<br>of superseded standard<br>Note 1 | Article of Directive<br>1999/5/EC |
|---------|---|--------------------------------------|---|-----------------------------------|
| ETSI    | EN 302 217-3 V1.2.1<br>Fixed Radio Systems; Characteristics and requirements for point-to-point equipment and antennas; Part 3: Harmonized EN covering essential requirements of article 3.2 of R&TTE Directive for equipment operating in frequency bands where simplified or no frequency co-ordination procedures are applied              | EN 302 217-3 V1.1.3<br>Note 2.1      | Date expired<br>(30.11.2009)  | Article 3(2)                      |
| ETSI    | EN 302 217-3 V1.3.1<br>Fixed Radio Systems; Characteristics and requirements for point-to-point equipment and antennas; Part 3: Equipment operating in frequency bands where both frequency coordinated or uncoordinated deployment might be applied; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive | EN 302 217-3 V1.2.1<br>Note 2.1      | 30.4.2011   | Article 3(2)                      |
| ETSI    | EN 302 217-4-2 V1.4.1<br>Fixed Radio Systems; Characteristics and requirements for point-to-point equipment and antennas; Part 4-2: Antennas; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive   | EN 302 217-4-2<br>V1.3.1<br>Note 2.1 | Date expired<br>(31.12.2010)  | Article 3(2)                      |
| ETSI    | EN 302 217-4-2 V1.5.1<br>Fixed Radio Systems; Characteristics and requirements for point-to-point equipment and antennas; Part 4-2: Antennas; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive   | EN 302 217-4-2<br>V1.4.1<br>Note 2.1 | 31.10.2011  | Article 3(2)                      |
| ETSI    | EN 302 245-2 V1.1.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Transmitting equipment for the Digital Radio Mondiale (DRM) broadcasting service; Part 2: Harmonised EN under article 3.2 of the R&TTE Directive   |                                      |   | Article 3(2)                      |
| ETSI    | EN 302 248 V1.1.2<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Navigation radar for use on non-SOLAS vessels; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive   |                                      |   | Article 3(2)                      |
| ETSI    | EN 302 264-2 V1.1.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices; Road Transport and Traffic Telematics (RTTT); Short Range Radar equipment operating in the 77 GHz to 81 GHz band; Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive                 |                                      |   | Article 3(2)                      |
| ETSI    | EN 302 288-2 V1.2.2<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices; Road Transport and Traffic Telematics (RTTT); Short range radar equipment operating in the 24 GHz range; Part 2: Harmonized EN covering essential requirements of article 3.2 of the R&TTE Directive                              | EN 302 288-2 V1.2.1<br>Note 2.1      | Date expired<br>(31.5.2009)   | Article 3(2)                      |

| ESO <sup>(1)</sup> | Reference and title of the harmonised standard<br>(and reference document)   | Reference of superseded<br>standard | Date of cessation of<br>presumption of conformity<br>of superseded standard<br>Note 1 | Article of Directive<br>1999/5/EC |
|--------------------|--|-------------------------------------|---|-----------------------------------|
| ETSI               | EN 302 288-2 V1.3.2<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices; Road Transport and Traffic Telematics (RTTT); Short range radar equipment operating in the 24 GHz range; Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive                 | EN 302 288-2 V1.2.2<br>Note 2.1     | Date expired<br>(31.10.2010)  | Article 3(2)                      |
| ETSI               | EN 302 291-2 V1.1.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Close Range Inductive Data Communication equipment operating at 13,56 MHz; Part 2: Harmonised EN under article 3.2 of the R&TTE Directive  |                                     |   | Article 3(2)                      |
| ETSI               | EN 302 296 V1.1.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Transmitting equipment for the digital television broadcast service, Terrestrial (DVB-T); Harmonized EN under article 3.2 of the R&TTE Directive  |                                     |   | Article 3(2)                      |
| ETSI               | EN 302 297 V1.1.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Transmitting equipment for the analogue television broadcasting service; Harmonized EN under article 3.2 of the R&TTE Directive   |                                     |   | Article 3(2)                      |
| ETSI               | EN 302 326-2 V1.2.2<br>Fixed Radio Systems; Multipoint Equipment and Antennas; Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive for Digital Multipoint Radio Equipment  | EN 302 326-2 V1.1.2<br>Note 2.1     | Date expired<br>(31.3.2009)   | Article 3(2)                      |
| ETSI               | EN 302 326-3 V1.3.1<br>Fixed Radio Systems; Multipoint Equipment and Antennas; Part 3: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive for Multipoint Radio Antennas   | EN 302 326-3 V1.2.2<br>Note 2.1     | Date expired<br>(31.10.2009)  | Article 3(2)                      |
| ETSI               | EN 302 340 V1.1.1<br>Satellite Earth Stations and Systems (SES); Harmonized EN for satellite Earth Stations on board Vessels (ESVs) operating in the 11/12/14 GHz frequency bands allocated to the Fixed Satellite Service (FSS) covering essential requirements under article 3.2 of the R&TTE directive                            |                                     |   | Article 3(2)                      |
| ETSI               | EN 302 372-2 V1.1.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Equipment for Detection and Movement; Tanks Level Probing Radar (TLPR) operating in the frequency bands 5,8 GHz, 10 GHz, 25 GHz, 61 GHz and 77 GHz; Part 2: Harmonized EN under article 3.2 of the R&TTE Directive |                                     |   | Article 3(2)                      |

| ESO (1) | Reference and title of the harmonised standard<br>(and reference document)   | Reference of superseded<br>standard | Date of cessation of<br>presumption of conformity<br>of superseded standard<br>Note 1 | Article of Directive<br>1999/5/EC |
|---------|--|-------------------------------------|---|-----------------------------------|
| ETSI    | EN 302 372-2 V1.2.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Equipment for Detection and Movement; Tanks Level Probing Radar (TLPR) operating in the frequency bands 5,8 GHz, 10 GHz, 25 GHz, 61 GHz and 77 GHz; Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive  | EN 302 372-2 V1.1.1<br>Note 2.1     | 30.11.2012  | Article 3(2)                      |
| ETSI    | EN 302 426 V1.1.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Harmonized EN for CDMA spread spectrum repeaters operating in the 450 MHz cellular band (CDMA450) and the 410, 450 and 870 MHz PAMR bands (CDMA PAMR) covering essential requirements of article 3.2 of the R&TTE Directive   |                                     |   | Article 3(2)                      |
| ETSI    | EN 302 435-2 V1.2.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Technical characteristics for SRD equipment using Ultra Wide Band technology (UWB); Building Material Analysis and Classification equipment applications operating in the frequency band from 2,2 GHz to 8 GHz; Part 2: Harmonized EN covering essential requirements of article 3.2 of the R&TTE Directive      |                                     |   | Article 3(2)                      |
| ETSI    | EN 302 435-2 V1.3.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Technical characteristics for SRD equipment using Ultra WideBand technology (UWB); Building Material Analysis and Classification equipment applications operating in the frequency band from 2,2 GHz to 8,5 GHz; Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive | EN 302 435-2 V1.2.1<br>Note 2.1     | 30.9.2011   | Article 3(2)                      |
| ETSI    | EN 302 448 V1.1.1<br>Satellite Earth Stations and Systems (SES); Harmonized EN for tracking Earth Stations on Trains (ESTs) operating in the 14/12 GHz frequency bands covering essential requirements under article 3.2 of the R&TTE directive  |                                     |   | Article 3(2)                      |
| ETSI    | EN 302 454-2 V1.1.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Meteorological Aids (Met Aids); Radiosondes to be used in the 1 668,4 MHz to 1 690 MHz frequency range; Part 2: Harmonized EN covering essential requirements of article 3.2 of the R&TTE Directive   |                                     |   | Article 3(2)                      |
| ETSI    | EN 302 480 V1.1.2<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Harmonized EN for the GSM onboard aircraft system covering the essential requirements of Article 3.2 of the R&TTE Directive   |                                     |   | Article 3(2)                      |

| ESO <sup>(1)</sup> | Reference and title of the harmonised standard<br>(and reference document)   | Reference of superseded<br>standard | Date of cessation of<br>presumption of conformity<br>of superseded standard<br>Note 1 | Article of Directive<br>1999/5/EC |
|--------------------|--|-------------------------------------|---|-----------------------------------|
| ETSI               | EN 302 498-2 V1.1.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Technical characteristics for SRD equipment using Ultra WideBand technology (UWB); Object Discrimination and Characterization Applications for power tool devices operating in the frequency band from 2,2 GHz to 8,5 GHz; Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive |                                     |   | Article 3(2)                      |
| ETSI               | EN 302 500-2 V1.2.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD) using Ultra WideBand (UWB) technology; Location Tracking equipment operating in the frequency range from 6 GHz to 8,5 GHz; Part 2: Harmonized EN covering essential requirements of article 3.2 of the R&TTE Directive  | EN 302 500-2 V1.1.1<br>Note 2.1     | Date expired<br>(31.3.2010)   | Article 3(2)                      |
| ETSI               | EN 302 500-2 V2.1.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD) using Ultra WideBand (UWB) technology; Location Tracking equipment operating in the frequency range from 6 GHz to 9 GHz; Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive  | EN 302 500-2 V1.2.1<br>Note 2.1     | 31.7.2012   | Article 3(2)                      |
| ETSI               | EN 302 502 V1.2.1<br>Broadband Radio Access Networks (BRAN); 5,8 GHz fixed broadband data transmitting systems; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive  | EN 302 502 V1.1.1<br>Note 2.1       | Date expired<br>(31.3.2010)   | Article 3(2)                      |
| ETSI               | EN 302 510-2 V1.1.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Radio equipment in the frequency range 30 MHz to 37,5 MHz for Ultra Low Power Active Medical Membrane Implants and Accessories; Part 2: Harmonized EN covering essential requirements of article 3.2 of the R&TTE Directive   |                                     |   | Article 3(2)                      |
| ETSI               | EN 302 536-2 V1.1.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Radio equipment in the frequency range 315 kHz to 600 kHz; Part 2: Harmonized EN covering essential requirements of article 3.2 of the R&TTE Directive   |                                     |   | Article 3(2)                      |
| ETSI               | EN 302 537-2 V1.1.2<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Ultra Low Power Medical Data Service Systems operating in the frequency range 401 MHz to 402 MHz and 405 MHz to 406 MHz; Part 2: Harmonized EN covering essential requirements of article 3.2 of the R&TTE Directive   |                                     |   | Article 3(2)                      |

| ESO (1) | Reference and title of the harmonised standard<br>(and reference document)   | Reference of superseded<br>standard | Date of cessation of<br>presumption of conformity<br>of superseded standard<br>Note 1 | Article of Directive<br>1999/5/EC |
|---------|--|-------------------------------------|---|-----------------------------------|
| ETSI    | EN 302 544-1 V1.1.1<br>Broadband Data Transmission Systems operating in the 2 500 MHz to 2 690 MHz frequency band; Part 1: TDD Base Stations; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive  |                                     |   | Article 3(2)                      |
| ETSI    | EN 302 544-1 V1.1.2<br>Broadband Data Transmission Systems operating in the 2 500 MHz to 2 690 MHz frequency band; Part 1: TDD Base Stations; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive  | EN 302 544-1 V1.1.1<br>Note 2.1     | 30.9.2011   | Article 3(2)                      |
| ETSI    | EN 302 544-2 V1.1.1<br>Broadband Data Transmission Systems operating in the 2 500 MHz to 2 690 MHz frequency band; Part 2: TDD User Equipment Stations; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive  |                                     |   | Article 3(2)                      |
| ETSI    | EN 302 561 V1.1.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Land Mobile Service; Radio equipment using constant or non-constant envelope modulation operating in a channel bandwidth of 25 kHz, 50 kHz, 100 kHz or 150 kHz; Harmonized EN covering essential requirements of article 3.2 of the R&TTE Directive   |                                     |   | Article 3(2)                      |
| ETSI    | EN 302 561 V1.2.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Land Mobile Service; Radio equipment using constant or non-constant envelope modulation operating in a channel bandwidth of 25 kHz, 50 kHz, 100 kHz or 150 kHz; Harmonized EN covering essential requirements of article 3.2 of the R&TTE Directive   | EN 302 561 V1.1.1<br>Note 2.1       | 31.8.2011   | Article 3(2)                      |
| ETSI    | EN 302 567 V1.1.1<br>Broadband Radio Access Networks (BRAN); 60 GHz Multiple-Gigabit WAS/RLAN Systems; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive   |                                     |   | Article 3(2)                      |
| ETSI    | EN 302 571 V1.1.1<br>Intelligent Transport Systems (ITS); Radiocommunications equipment operating in the 5 855 MHz to 5 925 MHz frequency band; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive  |                                     |   | Article 3(2)                      |
| ETSI    | EN 302 574-1 V1.1.1<br>Satellite Earth Stations and Systems (SES); Harmonized Standard for satellite earth stations for MSS operating in the 1 980 MHz to 2 010 MHz (earth-to-space) and 2 170 MHz to 2 200 MHz (space-to-earth) frequency bands; Part 1: Complementary Ground Component (CGC) for wideband systems; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive |                                     |   | Article 3(2)                      |



| ESO (1) | Reference and title of the harmonised standard<br>(and reference document)  | Reference of superseded<br>standard | Date of cessation of<br>presumption of conformity<br>of superseded standard<br>Note 1 | Article of Directive<br>1999/5/EC |
|---------|---|-------------------------------------|---|-----------------------------------|
| ETSI    | EN 302 574-2 V1.1.1<br>Satellite Earth Stations and Systems (SES); Harmonized Standard for satellite earth stations for MSS operating in the 1 980 MHz to 2 010 MHz (earth-to-space) and 2 170 MHz to 2 200 MHz (space-to-earth) frequency bands; Part 2: User Equipment (UE) for wideband systems; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive   |                                     |   | Article 3(2)                      |
| ETSI    | EN 302 574-3 V1.1.1<br>Satellite Earth Stations and Systems (SES); Harmonized Standard for satellite earth stations for MSS operating in the 1 980 MHz to 2 010 MHz (earth-to-space) and 2 170 MHz to 2 200 MHz (space-to-earth) frequency bands; Part 3: User Equipment (UE) for narrowband systems; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive |                                     |   | Article 3(2)                      |
| ETSI    | EN 302 608 V1.1.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Radio equipment for Eurobalise railway systems; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive   |                                     |   | Article 3(2)                      |
| ETSI    | EN 302 609 V1.1.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Radio equipment for Euroloop railway systems; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive   |                                     |   | Article 3(2)                      |
| ETSI    | EN 302 617-2 V1.1.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Ground-based UHF radio transmitters, receivers and transceivers for the UHF aeronautical mobile service using amplitude modulation; Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive  |                                     |   | Article 3(2)                      |
| ETSI    | EN 302 623 V1.1.1<br>Broadband Wireless Access Systems (BWA) in the 3 400 MHz to 3 800 MHz frequency band; Mobile Terminal Stations; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive  |                                     |   | Article 3(2)                      |
| ETSI    | EN 302 625 V1.1.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); 5 GHz BroadBand Disaster Relief applications (BBDR); Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive   |                                     |   | Article 3(2)                      |
| ETSI    | EN 302 645 V1.1.1<br>Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices; Global Navigation Satellite Systems (GNSS) Repeaters; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive   |                                     |   | Article 3(2)                      |



| ESO <sup>(1)</sup> | Reference and title of the harmonised standard<br>(and reference document)   | Reference of superseded<br>standard | Date of cessation of<br>presumption of conformity<br>of superseded standard<br>Note 1 | Article of Directive<br>1999/5/EC |
|--------------------|--|-------------------------------------|---|-----------------------------------|
| ETSI               | EN 302 686 V1.1.1<br>Intelligent Transport Systems (ITS); Radiocommunications<br>equipment operating in the 63 GHz to 64 GHz frequency<br>band; Harmonized EN covering the essential requirements of<br>article 3.2 of the R&TTE Directive             |                                     |   | Article 3(2)                      |
| ETSI               | EN 302 752 V1.1.1<br>Electromagnetic compatibility and Radio spectrum Matters<br>(ERM); Active radar target enhancers; Harmonized EN<br>covering the essential requirements of article 3.2 of the<br>R&TTE Directive                                   |                                     |   | Article 3(2)                      |
| ETSI               | EN 302 977 V1.1.2<br>Satellite Earth Stations and Systems (SES); Harmonized EN<br>for Vehicle-Mounted Earth Stations (VMES) operating in the<br>14/12 GHz frequency bands covering the essential<br>requirements of article 3.2 of the R&TTE directive |                                     |   | Article 3(2)                      |
| ETSI               | EN 303 035-1 V1.2.1<br>Terrestrial Trunked Radio (TETRA); Harmonized EN for<br>TETRA equipment covering essential requirements under<br>article 3.2 of the R&TTE directive; Part 1: Voice plus Data<br>(V+D)   | EN 303 035-1 V1.1.1<br>Note 2.1     | Date expired<br>(30.9.2003)   | Article 3(2)                      |
| ETSI               | EN 303 035-2 V1.2.2<br>Terrestrial Trunked Radio (TETRA); Harmonized EN for<br>TETRA equipment covering essential requirements under<br>article 3.2 of the R&TTE directive; Part 2: Direct Mode<br>Operation (DMO)                                     | EN 303 035-2 V1.2.1<br>Note 2.1     | Date expired<br>(31.10.2004)  | Article 3(2)                      |
| ETSI               | ETS 300 487/A1 ED.1<br>Satellite Earth Stations and Systems (SES); Receive-Only<br>Mobile Earth Stations (ROMES) operating in the 1,5 GHz<br>band providing data communications; Radio Frequency<br>(RF) specifications                                |                                     |   | Article 3(2)                      |

<sup>(1)</sup> ESO: European Standards Organisation:

- CEN: Avenue Marnix 17, 1000 Bruxelles/Brussel, BELGIQUE/BELGIË, Tel. +32 25500811; fax +32 25500819 (<http://www.cen.eu>)
- Cenelec: Avenue Marnix 17, 1000 Bruxelles/Brussel, BELGIQUE/BELGIË, Tel. +32 25196871; fax +32 25196919 (<http://www.cenelec.eu>)
- ETSI: 650 route des Lucioles, 06921 Sophia Antipolis, FRANCE, Tel. +33 492944200; fax +33 493654716 (<http://www.etsi.eu>)

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 3) 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.

NOTE:

- In addition standards published under Directives 2006/95/EC, 2004/108/EC, 90/385/EEC and 93/42/EEC may be used to demonstrate compliance with articles 3.1.a and 3.1.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.
- Any information concerning the availability of the standards can be obtained either from the European Standardisation Organisations or from the national standardisation bodies of which the list is annexed to the Directive 98/34/EC of the European Parliament and Council <sup>(1)</sup> amended by the Directive 98/48/EC <sup>(2)</sup>.
- Harmonised standards are adopted by the European Standardisation Organisations in English (CEN and CENELEC also publish in French and German). Subsequently, the titles of the harmonised standards are translated into all other required official languages of the European Union by the National Standards Bodies. The European Commission is not responsible for the correctness of the titles which have been presented for publication in the Official Journal.
- Publication of the references in the *Official Journal of the European Union* does not imply that the standards are available in all the Community languages.
- This list replaces all the previous lists published in the *Official Journal of the European Union*. The Commission ensures the updating of this list.
- More information about harmonised standards on the Internet at

[http://ec.europa.eu/enterprise/policies/european-standards/harmonised-standards/index\\_en.htm](http://ec.europa.eu/enterprise/policies/european-standards/harmonised-standards/index_en.htm)

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<sup>(1)</sup> OJ L 204, 21.7.1998, p. 37.

<sup>(2)</sup> OJ L 217, 5.8.1998, p. 18.