



COMMISSION IMPLEMENTING DECISION (EU) 2025/893

of 14 May 2025

amending Implementing Decision (EU) 2022/2191 as regards harmonised standards for digital enhanced cordless telecommunications devices, short range devices, satellite systems, broadband and wideband data transmission systems, international mobile telecommunication systems, aeronautical and meteorological radars, 5 and 6 GHz WAS/RLAN equipment, wireless digital video links, and advanced surface movement guidance and control systems

(Text with EEA relevance)

THE EUROPEAN COMMISSION,

Having regard to the Treaty on the Functioning of the European Union,

Having regard to Regulation (EU) No 1025/2012 of the European Parliament and of the Council of 25 October 2012 on European standardisation, amending Council Directives 89/686/EEC and 93/15/EEC and Directives 94/9/EC, 94/25/EC, 95/16/EC, 97/23/EC, 98/34/EC, 2004/22/EC, 2007/23/EC, 2009/23/EC and 2009/105/EC of the European Parliament and of the Council and repealing Council Decision 87/95/EEC and Decision No 1673/2006/EC of the European Parliament and of the Council ⁽¹⁾, and in particular Article 10(6) thereof,

Whereas:

- (1) In accordance with Article 16 of Directive 2014/53/EU of the European Parliament and of the Council ⁽²⁾, radio equipment which is in conformity with harmonised standards or parts thereof, the references of which have been published in the *Official Journal of the European Union*, is to be presumed to be in conformity with the essential requirements set out in Article 3 of that Directive where they are covered by those standards or parts thereof.
- (2) By Commission Implementing Decision C(2015) 5376 ⁽³⁾, the Commission made a request to the European Committee for Electrotechnical Standardisation (Cenelec) and the European Telecommunications Standards Institute (ETSI) for the drafting and the revision of harmonised standards, for radio equipment and in support of the essential requirements that are set out in Directive 2014/53/EU and covered by Annex II to that Decision ('the request').
- (3) On the basis of the request, ETSI drafted harmonised standards EN 301 406-2 V3.1.1, EN 301 489-3 V2.3.2, EN 301 489-17 V3.3.1, EN 301 489-19 V2.2.1, EN 301 489-54 V1.1.1, EN 301 908-23 V15.1.1, EN 301 908-24 V15.1.1, EN 301 908-25 V15.1.1, EN 303 363-2 V1.1.1, EN 303 661 V1.1.1, EN 303 687 V1.1.1, EN 303 753 V1.1.1, EN 304 220-1 V1.2.1 and EN 304 220-2 V1.2.1.
- (4) On the basis of the request, ETSI also revised harmonised standards EN 301 489-52 V1.2.1, EN 301 893 V2.1.1, EN 301 908-3 V13.1.1, EN 301 908-13 V13.2.1, EN 302 064-2 V1.1.1, EN 303 213-5-1 V1.1.1, the references of which are published in the *Official Journal of the European Union* by Commission Implementing Decision (EU) 2022/2191 ⁽⁴⁾. This resulted in the adoption of harmonised standards EN 301 489-52 V1.3.1, EN 301 893 V2.2.1, EN 301 908-3 V15.1.1, EN 301 908-13 V13.3.1, EN 302 064 V2.2.1 and EN 303 213-5-1 V2.1.1.

⁽¹⁾ OJ L 316, 14.11.2012, p. 12, ELI: <http://data.europa.eu/eli/reg/2012/1025/oj>.

⁽²⁾ Directive 2014/53/EU of the European Parliament and of the Council of 16 April 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of radio equipment and repealing Directive 1999/5/EC (OJ L 153, 22.5.2014, p. 62, ELI: <http://data.europa.eu/eli/dir/2014/53/oj>).

⁽³⁾ Commission Implementing Decision C(2015) 5376 of 4 August 2015 on a standardisation request to the European Committee for Electrotechnical Standardisation and to the European Telecommunications Standards Institute as regards radio equipment in support of Directive 2014/53/EU of the European Parliament and of the Council.

⁽⁴⁾ Commission Implementing Decision (EU) 2022/2191 of 8 November 2022 on the harmonised standards for radio equipment drafted in support of Directive 2014/53/EU of the European Parliament and of the Council (OJ L 289, 10.11.2022, p. 7, ELI: http://data.europa.eu/eli/dec_impl/2022/2191/oj).

- (5) The Commission, together with ETSI, has assessed whether those harmonised standards comply with the request.
- (6) Harmonised standards EN 301 908-23 V15.1.1, EN 301 908-24 V15.1.1, EN 301 908-25 V15.1.1, EN 303 363-2 V1.1.1, EN 303 661 V1.1.1, EN 303 753 V1.1.1, EN 304 220-1 V1.2.1, EN 304 220-2 V1.2.1, EN 301 893 V2.2.1, EN 301 908-3 V15.1.1 and EN 302 064 V2.2.1 satisfy the essential requirements which they aim to cover and which are set out in Article 3 of Directive 2014/53/EU. It is therefore appropriate to publish the references of those standards in the *Official Journal of the European Union*.
- (7) Harmonised standards EN 301 489-3 V2.3.2, EN 301 489-17 V3.3.1, EN 301 489-19 V2.2.1, EN 301 489-54 V1.1.1 and EN 301 489-52 V1.3.1 do not address emissions requirements in the frequency band below 9 kHz. Additionally, they lay down performance-based criteria on a subjective basis. The references of those harmonised standards should therefore be published in the *Official Journal of the European Union* with restrictions.
- (8) Harmonised standard EN 301 406-2 V3.1.1 does not lay down an objective limit regarding the receiver minimum performance criterion for equipment that does not support a throughput test and packet error rate test. Additionally, that harmonised standard does not lay down objective testing conditions regarding transmitter unwanted emissions. The reference of that harmonised standard should therefore be published in the *Official Journal of the European Union* with restrictions.
- (9) Harmonised standard EN 301 908-13 V13.3.1 does not address receiver total radiated sensitivity nor total radiated power for devices narrower than 56 mm or wider than 72 mm. The reference of that harmonised standard should therefore be published in the *Official Journal of the European Union* with restriction.
- (10) Harmonised standard EN 303 213-5-1 V2.1.1 does not address requirements relating to the maximum transmission output power. The reference of that harmonised standard should therefore be published in the *Official Journal of the European Union* with restriction.
- (11) Harmonised standard EN 303 687 V1.1.1 does not sufficiently address narrowband devices. Additionally, testing in its clause B.7.2 is based on a non-disclosed specification established by the Institute of Electrical and Electronics Engineers Standards Association. The reference of that harmonised standards should therefore be published in the *Official Journal of the European Union* with restrictions.
- (12) Annex I to Implementing Decision (EU) 2022/2191 provides the references of harmonised standards conferring a presumption of conformity with Directive 2014/53/EU. In order to ensure that the references of harmonised standards drafted in support of Directive 2014/53/EU are listed in one act, the references of the following harmonised standards should be included in that Annex: EN 301 908-23 V15.1.1, EN 301 908-24 V15.1.1, EN 301 908-25 V15.1.1, EN 303 363-2 V1.1.1, EN 303 661 V1.1.1, EN 303 753 V1.1.1, EN 304 220-1 V1.2.1 and EN 304 220-2 V1.2.1, EN 301 893 V2.2.1, EN 301 908-3 V15.1.1 and EN 302 064 V2.2.1. Furthermore, the references of the following harmonised standards should be included in that Annex with restrictions: EN 301 406-2 V3.1.1, EN 301 489-3 V2.3.2, EN 301 489-17 V3.3.1, EN 301 489-19 V2.2.1, EN 301 489-54 V1.1.1, EN 303 687 V1.1.1, EN 301 489-52 V1.3.1, EN 301 908-13 V13.3.1 and EN 303 213-5-1 V2.1.1.
- (13) It is therefore necessary to withdraw from the *Official Journal of the European Union* the references of the revised harmonised standards EN 301 489-52 V1.2.1, EN 301 893 V2.1.1, EN 301 908-13 V13.2.1, EN 301 908-3 V13.1.1, EN 302 064-2 V1.1.1 and EN 303 213-5-1 V1.1.1.
- (14) Harmonised standard EN 303 098 V2.2.1 on access to radio spectrum for maritime low power personal locating devices employing the automatic identification system (AIS), the reference of which is published in the *Official Journal of the European Union* by Implementing Decision (EU) 2022/2191, does not meet the internationally agreed requirements on maritime devices in order to avoid harmful interference to the AIS as laid down in International Telecommunication Union Recommendation M.2135 on technical characteristics of autonomous maritime radio devices operating in the frequency band 156-162,05 MHz and ECC/DEC/(22)02 of 1 July 2022 on regulation to operate Autonomous Maritime Radio Devices (AMRD) in CEPT. It is therefore appropriate to withdraw the reference of that harmonised standard from the *Official Journal of the European Union*.

- (15) In order to allow manufacturers sufficient time to carry out any adaptations in relation to their radio equipment that is covered by the revised harmonised standard EN 301 489-52 V1.2.1, EN 301 893 V2.1.1, EN 301 908-13 V13.2.1, EN 301 908-3 V13.1.1, EN 302 064-2 V1.1.1 or EN 303 213-5-1 V1.1.1, or of harmonised standard EN 303 098 V2.2.1, it is necessary to defer the withdrawal of the references of those harmonised standards. Those harmonised standards, other than EN 301 893 V2.1.1, should continue to provide a presumption of conformity for a transitional period. As regards harmonised standard EN 301 893 V2.1.1, it should continue to provide a presumption of conformity for a longer transitional period due to the complexity of the supply chain.
- (16) The restrictions applied to harmonised standards EN 301 489-12 V3.2.1, EN 301 489-20 V2.2.1 and EN 301 489-52 V1.3.1, the references of which are published in the *Official Journal of the European Union* by Implementing Decision (EU) 2022/2191, need to be withdrawn following discussions within the Commission expert group on radio equipment (E03587). More specifically, the current restrictions, for those harmonised standards, on tolerances of the testing set-up, are not considered relevant since the values of those tolerances are confirmed to reflect the state of the art of the current testing technology.
- (17) Harmonised standards EN 301 489-12 V3.2.1, EN 301 489-20 V2.2.1 and EN 301 489-52 V1.3.1 do not, however, address emissions requirements in the frequency band below 9 kHz. Additionally, they lay down performance-based criteria on a subjective basis. It is therefore appropriate to maintain the references of harmonised standards EN 301 489-12 V3.2.1 and EN 301 489-20 V2.2.1 in the *Official Journal of the European Union* with new restrictions. Moreover, given that EN 301 489-52 V1.3.1 has been revised, it is appropriate that its reference, during the deferral of its withdrawal, is maintained in the *Official Journal of the European Union* with new restrictions.
- (18) Implementing Decision (EU) 2022/2191 should therefore be amended accordingly.
- (19) Compliance with a harmonised standard confers a presumption of conformity with the corresponding essential requirements set out in Union harmonisation legislation from the date of publication of the reference of such standard in the *Official Journal of the European Union*. This Decision should therefore enter into force on the day of its publication,

HAS ADOPTED THIS DECISION:

Article 1

Annex I to Implementing Decision (EU) 2022/2191 is amended in accordance with the Annex to this Decision.

Article 2

This Decision shall enter into force on the day of its publication in the *Official Journal of the European Union*.

Point (2) of the Annex shall apply from 15 November 2026.

Point (3) of the Annex shall apply from 15 May 2028.

Done at Brussels, 14 May 2025.

For the Commission
The President
Ursula VON DER LEYEN

ANNEX

Annex I to Implementing Decision (EU) 2022/2191 is amended as follows:

- (1) rows 52, 53 and 54 are replaced by the following:

No	Reference of the standard
52.	EN 301 489-12 V3.2.1 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); Harmonised Standard for ElectroMagnetic Compatibility Notice 1: This harmonised standard does not address emission requirements in frequency bands below 9 kHz and does not therefore confer a presumption of conformity as regards this parameter in this band. Notice 2: Compliance with this harmonised standard does not confer a presumption of conformity to the essential requirement set out in Article 3(1), point (b), of Directive 2014/53/EU, if its clause 6 is applied.
53	EN 301 489-20 V2.2.1 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); Harmonised Standard for ElectroMagnetic Compatibility Notice 1: This harmonised standard does not address emission requirements in frequency bands below 9 kHz and does not therefore confer a presumption of conformity as regards this parameter in this band. Notice 2: This harmonised standard does not confer a presumption of conformity to the essential requirement set out in Article 3(1), point (b), of Directive 2014/53/EU, if its clause 6 is applied.
54	EN 301 489-52 V1.2.1 ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 52: Specific conditions for Cellular Communication User Equipment (UE) radio and ancillary equipment; Harmonised Standard for ElectroMagnetic Compatibility Notice 1: This harmonised standard does not address emission requirements in frequency bands below 9 kHz and does not therefore confer a presumption of conformity as regards this parameter in this band. Notice 2: This harmonised standard does not confer a presumption of conformity to the essential requirement set out in Article 3(1), point (b), of Directive 2014/53/EU, if its clause 6 is applied.;

- (2) rows 54, 70, 79, 84, 128 and 133 are deleted;

- (3) row 65 is deleted;

- (4) the following rows are inserted in sequential order:

No	Reference of the standard
54a.	EN 301 489-52 V1.3.1 ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 52: Specific conditions for Cellular Communication User Equipment (UE) radio and ancillary equipment; Harmonised Standard for ElectroMagnetic Compatibility

No	Reference of the standard
	Notice 1: This harmonised standard does not address emission requirements in frequency bands below 9 kHz and does not therefore confer a presumption of conformity as regards this parameter in this band. Notice 2: This harmonised standard does not confer a presumption of conformity to the essential requirement set out in Article 3(1), point (b), of Directive 2014/53/EU, if its clause 6 is applied.’;
‘65a.	EN 301 893 V2.2.1 5 GHz WAS/RLAN; Harmonised standard for access to radio spectrum’;
‘70a.	EN 301 908-13 V13.3.1 IMT cellular networks; Harmonised Standard for access to radio spectrum; Part 13: Evolved Universal Terrestrial Radio Access (E-UTRA) User Equipment (UE) Notice: This harmonised standard does not address receiver total radiated sensitivity nor total radiated power, for radio equipment narrower than 56 mm or wider than 72 mm, and does not therefore confer a presumption of conformity as regards receiver total radiated sensitivity or total radiated power.’;
‘79a.	EN 301 908-3 V15.1.1 IMT cellular networks; Harmonised Standard for access to radio spectrum; Part 3: CDMA Direct Spread (UTRA FDD) Base Stations (BS); Release 15’;
‘84a.	EN 302 064 V2.2.1 Wireless Digital Video Links operating in the 1,3 GHz to 50 GHz frequency band; Harmonised Standard for access to radio spectrum’;
‘133a.	EN 303 213-5-1 V2.1.1 Advanced Surface Movement Guidance and Control System (A-SMGCS); Part 5: Harmonised Standard for access to radio spectrum for Multilateration (MLAT) equipment; Sub-part 1: Receivers and interrogators. Notice: This harmonised standard does not address requirements relating to the maximum transmission output power and does not therefore confer a presumption of conformity as regards those requirements.’;

(5) the following rows are added:

No	Reference of the standard
‘167.	EN 301 406-2 V3.1.1 Digital Enhanced Cordless Telecommunications (DECT); Harmonised Standard for access to radio spectrum; Part 2: DECT-2020 NR Notice 1: This harmonised standard does not define an objective receiver minimum performance criterion, described in its clause 4.4, for radio equipment that does not support a throughput test and packet error rate (PER) test to be performed and does not therefore confer a presumption of conformity as regards that criterion for the described equipment. Notice 2: This harmonised standard does not define objective testing conditions regarding transmitter unwanted emissions and does not therefore confer a presumption of conformity as regards such parameter.

No	Reference of the standard
168.	EN 301 489-3 V2.3.2 ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 3: Specific conditions for Short Range Devices (SRD) operating on frequencies between 9 kHz and 246 GHz; Harmonised Standard for ElectroMagnetic Compatibility Notice 1: This harmonised standard does not address emission requirements in frequency bands below 9 kHz and does not therefore confer a presumption of conformity as regards this parameter in this band. Notice 2: This harmonised standard does not confer a presumption of conformity to the essential requirement set out in Article 3(1), point (b), of Directive 2014/53/EU, if its clause 6 is applied.
169.	EN 301 489-17 V3.3.1 ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for Broadband and Wideband Data Transmission Systems; Harmonised Standard for ElectroMagnetic Compatibility Notice 1: This harmonised standard does not address emission requirements in frequency bands below 9 kHz and does not therefore confer a presumption of conformity as regards this parameter in this band. Notice 2: This harmonised standard does not confer a presumption of conformity to the essential requirement set out in Article 3(1), point (b), of Directive 2014/53/EU, if its clause 6 is applied.
170.	EN 301 489-19 V2.2.1 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 communications and GNSS receivers operating in the RNSS band providing positioning, navigation, and timing data; Harmonised Standard for ElectroMagnetic Compatibility Notice 1: This harmonised standard does not address emission requirements in frequency bands below 9 kHz and does not therefore confer a presumption of conformity as regards this parameter in this band. Notice 2: This harmonised standard does not confer a presumption of conformity to the essential requirement set out in Article 3(1), point (b), of Directive 2014/53/EU, if its clause 6 is applied.
171.	EN 301 489-54 V1.1.1 ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 54: Specific conditions for fixed ground based aeronautical and meteorological radars; Harmonised Standard for electromagnetic compatibility Notice 1: This harmonised standard does not address emission requirements in frequency bands below 9 kHz and does not therefore confer a presumption of conformity as regards this parameter in this band. Notice 2: This harmonised standard does not confer a presumption of conformity to the essential requirement set out in Article 3(1), point (b), of Directive 2014/53/EU, if its clause 6 is applied.

No	Reference of the standard
172.	EN 301 908-23 V15.1.1 IMT cellular networks; Harmonised Standard for access to radio spectrum; Part 23: Active Antenna System (AAS) Base Station (BS); Release 15
173.	EN 301 908-24 V15.1.1 IMT cellular networks; Harmonised Standard for access to radio spectrum; Part 24: New Radio (NR) Base Stations (BS); Release 15
174.	EN 301 908-25 V15.1.1 IMT cellular networks; Harmonised Standard for access to radio spectrum; Part 25: New Radio (NR) User Equipment (UE); Release 15
175.	EN 303 363-2 V1.1.1 Air Traffic Control Surveillance Radar Sensors; Secondary Surveillance Radar (SSR); Harmonised Standard for access to radio spectrum; Part 2: Far Field Monitor (FFM)
176.	EN 303 661 V1.1.1 Short Range Devices (SRD); Ground Based Synthetic Aperture Radar (GBSAR) in the frequency range 17,1 GHz to 17,3 GHz and High Definition Ground Based Synthetic Aperture Radar (HD-GBSAR) in the frequency range 76 GHz to 77 GHz; Harmonised Standard for access to radio spectrum
177.	EN 303 687 V1.1.1 6 GHz WAS/RLAN; Harmonised Standard for access to radio spectrum Notice 1: This harmonised standard does not sufficiently address narrowband devices, as defined in its clause 3.1 and does not therefore confer a presumption of conformity for those devices. Notice 2: This harmonised standard does not confer a presumption of conformity to the essential requirement set out in Article 3(2) of Directive 2014/53/EU if its clause B.7.2 is applied.
178.	EN 303 753 V1.1.1 Wideband Data Transmission Systems (WDTS) for Mobile and Fixed Radio Equipment operating in the 57 – 71 GHz band; Harmonised Standard for access to radio spectrum
179.	EN 304 220-1 V1.2.1 Wideband data transmission SRD; Harmonised Standard for access to radio spectrum; Part 1: Wideband data transmission devices: network access points operating in the frequency bands 863 MHz to 868 MHz and 915,8 MHz to 919,4 MHz
180.	EN 304 220-2 V1.2.1 Wideband data transmission SRD; Harmonised Standard for access to radio spectrum; Part 2: Wideband data transmission devices: terminal node operating in the frequency bands 863 MHz to 868 MHz and 915,8 MHz to 919,4 MHz’.