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COMMISSION IMPLEMENTING DECISION (EU) 2020/167

of 5 February 2020

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 34, 6.2.2020, p. 46)

Amended by:

		Official Journal		
		No	page	date
► <u>M1</u>	Commission Implementing Decision (EU) 2020/553 of 21 April 2020	L 127	22	22.4.2020
► <u>M2</u>	Commission Implementing Decision (EU) 2020/1562 of 26 October 2020	L 357	29	27.10.2020

**COMMISSION IMPLEMENTING DECISION (EU) 2020/167****of 5 February 2020****on the harmonised standards for radio equipment drafted in support of Directive 2014/53/EU of the European Parliament and of the Council***Article 1*

The references to harmonised standards for radio equipment drafted in support of Directive 2014/53/EU listed in Annex I to this Decision, are hereby published in the *Official Journal of the European Union*.

The references to harmonised standards for radio equipment drafted in support of Directive 2014/53/EU listed in Annex II to this Decision, are hereby published in the *Official Journal of the European Union* with restriction.

Article 2

The references to harmonised standards for radio equipment drafted in support of Directive 2014/53/EU listed in Annex III to this Decision, are hereby withdrawn from the *Official Journal of the European Union* as from the dates set out in that Annex.

Article 3

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

▼ B*ANNEX I*

No	Reference of the standard
1.	EN 300 328 V2.2.2 Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz band; Harmonised Standard for access to radio spectrum
2.	EN 300 674-2-2 V2.2.1 Transport and Traffic Telematics (TTT); Dedicated Short Range Communication (DSRC) transmission equipment (500 kbit/s/250 kbit/s) operating in the 5 795 MHz to 5 815 MHz frequency band; Part 2: Harmonised Standard for access to radio spectrum; Sub-part 2: On-Board Units (OBU)
3.	EN 303 098 V2.2.1 Maritime low power personal locating devices employing AIS; Harmonised Standard for access to radio spectrum
4.	EN 301 908-1 V13.1.1 IMT cellular networks; Harmonised Standard for access to radio spectrum; Part 1: Introduction and common requirements
5.	EN 301 908-3 V13.1.1 IMT cellular networks; Harmonised Standard for access to radio spectrum; Part 3: CDMA Direct Spread (UTRA FDD) Base Stations (BS)
6.	EN 301 908-14 V13.1.1 IMT cellular networks; Harmonised Standard for access to radio spectrum; Part 14: Evolved Universal Terrestrial Radio Access (E-UTRA) Base Stations (BS)
7.	EN 301 908-18 V13.1.1 IMT cellular networks; Harmonised Standard for access to radio spectrum; Part 18: E-UTRA, UTRA and GSM/EDGE Multi-Standard Radio (MSR) Base Station (BS)
8.	EN 301 908-2 V13.1.1 IMT cellular networks; Harmonised Standard for access to radio spectrum; Part 2: CDMA Direct Spread (UTRA FDD) User Equipment (UE)
9.	ETSI EN 303 213-5-1 V1.1.1 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

▼ M1**▼ M2**

▼ B*ANNEX II*

No	Reference of the standard
1.	<p>EN 300 698 V2.3.1</p> <p>Radio telephone transmitters and receivers for the maritime mobile service operating in the VHF bands used on inland waterways; Harmonised Standard for access to radio spectrum and for features for emergency services</p> <p><i>Notice:</i> Compliance with 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, in clause 8.2.3 of this harmonised standard, the sentence ‘<i>With the output power switch set at maximum, the carrier power shall be within $\pm 1,5$ dB of the rated output power under normal test condition s</i>’ is applied.</p>
2.	<p>EN 302 065-3 V2.1.1</p> <p>Short Range Devices (SRD) using Ultra Wide Band technology (UWB); Harmonised Standard covering the essential requirements of Article 3.2 of the Directive 2014/53/EU; Part 3: Requirements for UWB devices for ground based vehicular applications</p> <p><i>Notice:</i> This harmonised standard does not set out technical specifications for ‘trigger-before-transmit techniques’. Implementing Decision (EU) 2019/785, however, imposes, as of 16 November 2019, technical requirements to be used within the bands 3,8-4,2 GHz and 6-8,5 GHz for vehicular access systems using trigger-before-transmit. Therefore compliance with this harmonised standard does not ensure compliance with Implementing Decision (EU) 2019/785 and accordingly does not confer a presumption of conformity with those essential requirements set out in Article 3(2) of Directive 2014/53/EU which relate to ‘trigger-before-transmit techniques’.</p>
3.	<p>EN 303 520 V1.2.1</p> <p>Short Range Devices (SRD); Ultra Low Power (ULP) wireless medical capsule endoscopy devices operating in the band 430 MHz to 440 MHz; Harmonised Standard for access to radio spectrum</p> <p><i>Notice:</i> Compliance with this harmonised standard does not confer a presumption of conformity with the essential requirement set out in Article 3(2) of Directive 2014/53/EU if any of the following are applied:</p> <ul style="list-style-type: none"> — with respect to clause B.1 of Annex B: ‘The manufacturer and test laboratory may agree on alternative suitable implementation of human torso simulator, which shall be then fully described in the test report’; — with respect to clause C.1 of Annex C: ‘Alternatively, the manufacturer and test laboratory may agree to use a Semi-Anechoic Room, the setup of which shall be then fully described in the test report’. <p><i>Notice:</i> The temperature referred to in clause B.2 of Annex B shall reflect the intended use.</p>
4.	<p>EN 301 908-13 V13.1.1</p> <p>IMT cellular networks; Harmonised Standard for access to radio spectrum; Part 13: Evolved Universal Terrestrial Radio Access (E-UTRA) User Equipment (UE)</p> <p><i>Notice:</i> This harmonised standard does not contain antenna performance parameters and compliance with this harmonised standard does not confer a presumption of conformity with the essential requirement set out in Article 3(2) of Directive 2014/53/EU as regards those parameters.</p>
5.	<p>EN 302 217-2 V3.2.2</p> <p>Fixed Radio Systems; Characteristics and requirements for point-to-point equipment and antennas; Part 2: Digital systems operating in frequency bands from 1 GHz to 86 GHz; Harmonised Standard for access to radio spectrum</p>

▼ M2

▼ M2

No	Reference of the standard
	<p><i>Notice:</i> Compliance with this harmonised standard does not confer a presumption of conformity with the essential requirement set out in Article 3(2) of Directive 2014/53/EU if note 2 of clause 4.3.2 of this harmonised standard is applied;</p> <p><i>Notice:</i> As regards the radio equipment covered by either clause H.3.4, I.3.4 or J.3.4 of this harmonised standard, compliance with this harmonised standard does not confer a presumption of conformity with the essential requirement set out in Article 3(2) of Directive 2014/53/EU in case that the appropriate test methods are not carried out in order to demonstrate compliance, respectively, with either clause H.3.4, I.3.4 or J.3.4 of this harmonised standard.</p>
6.	<p>EN 303 213-6-1 V3.1.1</p> <p>Advanced Surface Movement Guidance and Control System (A-SMGCS); Part 6: Harmonised Standard for access to radio spectrum for deployed surface movement radar sensors; Sub-part 1: X-band sensors using pulsed signals and transmitting power up to 100 kW</p> <p><i>Notice:</i> As regards clause 4.2.1.5 of this harmonised standard, compliance of this harmonised standard does not confer a presumption of conformity with the essential requirement set out in Article 3(2) of Directive 2014/53/EU to equipment not combining a ‘<i>WR112/R84 taper section and a WR90/R100 Waveguide</i>’ as in note 1 of Section 1 of this harmonised standard. The waveguide is requested to have a continuously unobstructed transmission path (unperturbed/pure) and a minimum length of 20 times the waveguide cut-off wavelength in that operational mode.</p>
7.	<p>EN 303 345-2 V1.1.1</p> <p>Broadcast Sound Receivers; Part 2: AM broadcast sound service; Harmonised Standard for access to radio spectrum</p> <p><i>Notice:</i> Compliance with this harmonised standard does not confer a presumption of conformity with the essential requirement set out in Article 3(2) of Directive 2014/53/EU as regards the receiver unwanted emissions in the spurious domain.</p>
8.	<p>EN 303 345-5 V1.1.1</p> <p>Broadcast Sound Receivers; Part 5: DRM broadcast sound service; Harmonised Standard for access to radio spectrum</p> <p><i>Notice:</i> Compliance with this harmonised standard does not confer a presumption of conformity with the essential requirement set out in Article 3(2) of Directive 2014/53/EU as regards the receiver unwanted emissions in the spurious domain.</p>
9.	<p>EN 303 364-3 V1.1.1</p> <p>Primary Surveillance Radar (PSR); Harmonised Standard for access to radio spectrum; Part 3: Air Traffic Control (ATC) PSR sensors operating in the frequency band 8 500 MHz to 10 000 MHz (X band)</p> <p><i>Notice:</i> As regards clause 4.2.1.4 of this harmonised standard, compliance with this harmonised standard does not confer a presumption of conformity with the essential requirement set out in Article 3(2) of Directive 2014/53/EU to equipment not combining a ‘<i>WR112/R84 taper section and a WR90/R100 Waveguide</i>’ as in note 1 of Section 1 of this harmonised standard. The waveguide is requested to have a continuously unobstructed transmission path (unperturbed/pure) and a minimum length of 20 times the waveguide cut-off wavelength in that operational mode.</p>

▼B*ANNEX III*

No	Reference of the standard	Date of withdrawal
1.	EN 300 328 V2.1.1 Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonised Standard covering the essential requirements of Article 3.2 of Directive 2014/53/EU	6 August 2021
2.	EN 300 698 V2.2.1 Radio telephone transmitters and receivers for the maritime mobile service operating in the VHF bands used on inland waterways; Harmonised Standard covering the essential requirements of Articles 3.2 and 3.3(g) of Directive 2014/53/EU	6 August 2021
3.	EN 300 674-2-2 V2.1.1 Transport and Traffic Telematics (TTT); Dedicated Short Range Communication (DSRC) transmission equipment (500 kbit/s/250 kbit/s) operating in the 5 795 MHz to 5 815 MHz frequency band; Part 2: Harmonised Standard covering the essential requirements of Article 3.2 of Directive 2014/53/EU; Sub-part 2: On-Board Units (OBU)	6 August 2021
4.	EN 302 065-3 V2.1.1 Short Range Devices (SRD) using Ultra Wide Band technology (UWB); Harmonised Standard covering the essential requirements of Article 3.2 of the Directive 2014/53/EU; Part 3: Requirements for UWB devices for ground based vehicular applications	6 February 2020
5.	EN 302 752 V1.1.1 Electromagnetic compatibility and Radio spectrum Matters (ERM); Active radar target enhancers; Harmonised EN covering the essential requirements of Article 3.2 of the R&TTE Directive	6 February 2021
6.	EN 303 098 V2.1.1 Maritime low power personal locating devices employing AIS; Harmonised Standard covering the essential requirements of Article 3.2 of the Directive 2014/53/EU	6 February 2021
7.	EN 303 520 V1.1.1 Short Range Devices (SRD); Ultra Low Power (ULP) wireless medical capsule endoscopy devices operating in the band 430 MHz to 440 MHz; Harmonised Standard for access to radio spectrum	6 August 2021
8.	EN 301 908-1 V11.1.1 IMT cellular networks; Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU; Part 1: Introduction and common requirements	22 October 2021
9.	EN 301 908-3 V11.1.3 IMT cellular networks; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU; Part 3: CDMA Direct Spread (UTRA FDD) Base Stations (BS)	22 October 2021
10.	EN 301 908-14 V11.1.2 IMT cellular networks; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU; Part 14: Evolved Universal Terrestrial Radio Access (E-UTRA) Base Stations (BS)	22 October 2021

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▼ **M1**

No	Reference of the standard	Date of withdrawal
11.	EN 301 908-18 V11.1.2 IMT cellular networks; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU; Part 18: E-UTRA, UTRA and GSM/EDGE Multi-Standard Radio (MSR) Base Station (BS)	22 October 2021

▼ **M2**

12.	EN 301 908-2 V11.1.2 IMT cellular networks; Harmonised Standard covering the essential requirements of Article 3(2) of Directive 2014/53/EU; Part 2: CDMA Direct Spread (UTRA FDD) User Equipment (UE)	27 October 2021
13.	EN 301 908-13 V11.1.2 IMT cellular networks; Harmonised Standard covering the essential requirements of Article 3(2) of Directive 2014/53/EU; Part 13: Evolved Universal Terrestrial Radio Access (E-UTRA) User Equipment (UE)	27 October 2021
14.	EN 302 217-2 V3.1.1 Fixed Radio Systems; Characteristics and requirements for point-to-point equipment and antennas; Part 2: Digital systems operating in frequency bands from 1 GHz to 86 GHz; Harmonised Standard covering the essential requirements of Article 3(2) of Directive 2014/53/EU	27 April 2022
15.	EN 303 213-6-1 V2.1.1 Advanced Surface Movement Guidance and Control System (A-SMGCS); Part 6: Harmonised Standard covering the essential requirements of Article 3(2) of the Directive 2014/53/EU for deployed surface movement radar sensors; Sub-part 1: X-band sensors using pulsed signals and transmitting power up to 100 kW	27 October 2021
16.	EN 303 339 V1.1.1 Broadband Direct Air-to-Ground Communications; Equipment operating in the 1 900 MHz to 1 920 MHz and 5 855 MHz to 5 875 MHz frequency bands; Fixed pattern antennas; Harmonised Standard covering the essential requirements of Article 3(2) of Directive 2014/53/EU	27 April 2021