



News Letter

1. ISED寻求关于RSS-139 Issue 4, RSS-170 Issue 4, SMSE-005-22和SMSE-004-22的意见, 意见提交应分别不晚于2022年4月22日和4月29日。

Innovation, Science and Economic Development Canada (ISED) is seeking comments on the following Radio Standards Specifications, policy and technical frameworks. The draft documents along with the form to provide comments are available on the [Radio Advisory Board of Canada \(RABC\) website](#). **The consultations will close on April 22nd, 2022 for RSS-139 Issue 4 and RSS-170 Issue 4, April 29, 2022 for SMSE-005-22 and SMSE-004-22. Please see the link for full details:**

[RSS-139 Issue 4](#) – Advances Wireless Services (AWS) Equipment Operating in the Bands 1710-1780 MHz and 2110-2200 MHz

[RSS-170 Issue 4](#) - Mobile Earth Stations (MESs) and Ancillary Terrestrial Component (ATC) Equipment Operating in the Mobile Satellite Service (MSS) Bands

[SMSE-005-22](#) – Consultation on the Technical and Policy Framework for the Frequency Bands Above 95 GHz

[SMSE-004-22](#) – Consultation on the Technical and Policy Framework for Radio Local Area Network Devices in the 5850-5895 MHz Frequency Band and for Intelligent Transportation Systems in the 5895-5925 MHz Frequency Band

2. 2022年3月20日, FCC发布DRAFT KDB 680106 Exposure Wireless Charging Apps DR04-44611. 目前, KDB 680106 D01 v03r01或KDB 680106 DR04 44611均可使用, 但二者不能混用。

03/20/2022, following DRAFT KDB [680106 Exposure Wireless Charging Apps DR04-44611](#) has been published on the FCC website.

Reason: Update published Attachment 680106 D01 RF Exposure Wireless Charging Apps v03r01 to 680106 D01 RF Exposure Wireless Charging Apps v04 to clarify compliance limits for devices using low power, closely coupled, inductive power transfer techniques.

Draft Note: Either this draft document ([680106 Exposure Wireless Charging Apps DR04 44611](#)) or the published version ([680106 D01 RF Exposure Wireless Charging Apps v03r01](#)) may currently be used for demonstrating compliance. However, whichever version is used must be followed in its entirety, mixing and matching is not permitted.



News Letter

3. 欧盟更新

EU Updates: Several new standards have been published by ETSI in February 2022.

[ETSI EN 303 363-1 V1.1.1 \(2022-02\)](#)

[ETSI EN 301 908-13 V13.2.1 \(2022-02\)](#) IMT cellular networks; Harmonised Standard for access to radio spectrum; Part 13: Evolved Universal Terrestrial Radio Access (E-UTRA) User Equipment (UE)

[ETSI EN 300 338-8 V1.1.1 \(2022-02\)](#) Technical characteristics and methods of measurement for equipment for generation, transmission and reception of Digital Selective Calling (DSC) in the maritime MF, MF/HF and/or VHF mobile service; Part 8: Enabling DSC radio equipment with remote control capabilities

And the following standards are on approval, waiting to be published:

[ETSI EN 302 245 V2.2.0 \(2022-02\)](#) Transmitting equipment for the Digital Radio Mondiale (DRM) service; Harmonised Standard for access to radio spectrum

[ETSI EN 302 077 V2.2.0 \(2022-02\)](#) Transmitting equipment for the Digital Audio Broadcasting (DAB) service; Harmonised Standard for access to radio spectrum

[ETSI EN 302 065-4-4 V1.1.0 \(2022-02\)](#) Short Range Devices (SRD) using Ultra Wide Band technology (UWB); Harmonised Standard for access to radio spectrum; Part 4: Material Sensing devices; Sub-part 4: Exterior material sensing applications for ground based vehicles

[ETSI EN 300 338-7 V1.1.0 \(2022-02\)](#) Technical characteristics and methods of measurement for equipment for generation, transmission and reception of Digital Selective Calling (DSC) in the maritime MF, MF/HF and/or VHF mobile service; Part 7: Implementation of Bridge Alert Management (BAM) in DSC radio equipment

[ETSI EN 300 176-2 V2.3.5 \(2022-02\)](#) Digital Enhanced Cordless Telecommunications (DECT); Test specification; Part 2: Audio and speech



News Letter

4. 欧盟新规 (EU) 2019/320 自 2022 年 3 月 17 日起实施，该法规要求移动设备支持 “Wi-Fi 数据接收和处理的技术解决方案，以及全球导航卫星系统 (GNSS) 的数据至少与伽利略系统兼容和互操作”。

Reminder about Regulation (EU) 2019/320: The Delegated Regulation 2019/320, adopted on 12 December 2018, aims at making emergency communications from mobile devices more effective, notably by improving the accuracy of the caller location. The delegated act requires mobile devices manufacturers to support “technical solutions for the reception and processing of Wi-Fi data, and data from Global Navigation Satellite Systems (GNSS) compatible and interoperable with at least the Galileo system”. This requirement shall apply from 17 March 2022.

5. 关于 KDB 447498 的提醒

Reminder about KDB 447498: After March 31, 2022, all applications must only use new procedures which will be published as "D01 447498 General RF Exposure Guidance v07", and based on "447498 D04 Interim General RF Exposure Guidance", replacing KDB "447498 General RF Exposure Guidance v06". The only exception is cases where a certification application(s) includes items subject to Pre-Approval Guidance (PAG, KDB Publication 388624) submitted prior to April 1, 2022. In this case, the TCB can grant the device after the deadline of March 31, 2022, using "447498 General RF Exposure Guidance v06" after the PAG is approved.

Please Note that the “submitted on” dates are the final dates to the FCC (i.e. project must be listed on FCC site by 3/31/22) if using the older KDB 447498.

During the TCB-FCC conference call that occurred on 03/14/22, the FCC announced that they will be allowing a short transition period after March 31 for helping the TCBs and industry to tune up their processes with the new 447498. More information regarding this period is expected to be released on March 31st.

6. 2022 年 2 月 8 日，欧盟发布 (EU) 2022/179 号决定并废除 2005/513/EC。成员国须于 2022 年 3 月 31 日之前实施。

On February 8, 2022, the European Union Commission implementing Decision (EU) 2022/179 on the harmonized use of radio spectrum in the 5 GHz frequency band for the implementation of wireless access systems including radio local area networks (WAS/RLANS) and repealing Decision 2005/513/EC. By 31 March 2022, Member



News Letter

States shall designate and make available the 5 150-5 250 MHz, 5 250-5 350 MHz and 5 470-5 725 MHz frequency bands, on a non-exclusive basis, for the implementation of WAS/RLANs in accordance with the technical conditions set out in the Annex.

The main difference between (EU)2022/179 and 2005/513/EC is shown in following table:

Frequency band(MHz)	Parameter	(EU) 2022/179	2005/513/EC
5150-5250	Permissible operation	Indoor, including installations inside road vehicles, trains and aircraft, and limited outdoor use (note 1:If used outdoors, equipment shall not be attached to a fixed installation or to the external body of road vehicles, a fixed infrastructure or a fixed outdoor antenna.).Use by unmanned aircraft systems (UAS) is limited to within the 5170 -5250 MHz band.	Indoor use. ("indoor use" shall mean use inside a building, including places assimilated thereto such as an aircraft, in which the shielding will typically provide the necessary attenuation to facilitate sharing with other services.)
	Max. mean e.i.r.p.	200 mW Exceptions: - 40 mW maximum mean e.i.r.p. applies for installations inside train carriages with an attenuation loss on average of less than 12 dB; - 40 mW maximum mean e.i.r.p. applies for installations inside road vehicles.	200mW
	Max. mean e.i.r.p. density	10 mW/MHz in any 1 MHz band	0,25 mW/25 kHz in any 25 kHz band



News Letter

5250-5350	Permissible operation	Indoor use: inside buildings only. Installations in road vehicles, trains and aircraft are not permitted (note 2: Operation of WAS/RLAN installations in large aircraft (3) (excluding multi-engined helicopters) is permitted until 31 December 2028 with a maximum mean e.i.r.p. for in-band emissions of 100 mW). Outdoor use is not permitted.	Indoor use. (definition of “indoor use” same as above)
	Max. mean e.i.r.p.	200 mW	200 mW
	Max. mean e.i.r.p. density	10 mW/MHz in any 1 MHz band	10 mW/MHz in any 1 MHz band
5470-5725	Permissible operation	Indoor and outdoor use. Installations in road vehicles, trains and aircraft and use for UAS are not permitted (note 3: Operation of WAS/RLAN installations in large aircraft (excluding multi-engined helicopters), except in the frequency band 5 600– 5 650MHz, is permitted until 31 December 2028 with a maximum mean e.i.r.p. for in-band emissions of 100 mW).	Indoor and outdoor. (definition of “indoor use” same as above)
	Max. mean e.i.r.p.	1 W	1W
	Max. mean e.i.r.p. density	50 mW/MHz in any 1 MHz band	50 mW/MHz in any 1 MHz band