



# News Letter

## 1. 实现100%的无线手机型助听器兼容性

### **Achieving 100 Percent Wireless Handset Model Hearing Aid Compatibility, 89832–89868 [2024–25088] [PDF]**

SUMMARY: In this document, the Federal Communications Commission (“Commission”) adopts a 100% hearing aid compatibility requirement that applies to all future wireless handset models offered for sale or use in the United States and implementation provisions related to this 100% requirement, including a Bluetooth coupling requirement. DATES: Effective December 13, 2024, except for amendatory instructions 3 and 4 which are delayed indefinitely. The Commission will publish a document in the Federal Register announcing the effective dates of these amendments. The incorporation by reference of certain publications listed in the rule is approved by the Director of the Federal Register as of June 3, 2021.

## 2. 改善4.9 GHz频段的公共安全通信

### **Improving Public Safety Communications in the 4.9 GHz Band, 91578–91585 [2024–26794] [PDF]**

SUMMARY: In this document, the Federal Communications Commission (Commission) takes another major step towards ensuring that the 4940–4990 MHz band (4.9 GHz band) is efficiently and intensely utilized in support of public safety missions nationwide. To that end, the Commission bolsters the coordinated nationwide approach to the band that it established in its Seventh Report and Order, FCC 23–3, in which it adopted a nationwide Band Manager framework to coordinate operations in the 4.9 GHz band, optimize public safety use, and facilitate the integration of the latest commercially available technologies, including 5G, for the benefit of public safety users. To further these goals—and ensure that the 4.9 GHz band is put to more robust use nationwide in the near term—the 4.9 GHz Band Manager, once selected, will be eligible to apply for a nationwide overlay license and authorized to enter into a sharing agreement with the First Responder Network Authority (FirstNet). Pursuant to this sharing agreement, FirstNet may be permitted to use unassigned spectrum in the 4.9 GHz band as part of its nationwide public safety broadband network (NPSBN) in a manner that protects incumbent operations. In addition to expanding the Band Manager’s responsibilities to include entering into a sharing agreement with FirstNet and establishing rules governing the nationwide Band Manager overlay license, the Commission also reaffirms its commitment to the nationwide Band Manager framework and clarifies the Band Manager’s responsibilities to address the new rules we adopt herein.

DATES: Effective December 20, 2024.



# News Letter

## 3. FCC通过了C-V2X汽车安全频谱规则

### FCC Adopts C-V2X Auto Safety Spectrum Rules

WASHINGTON, November 21, 2024—The Federal Communications Commission has adopted final rules for cellular-vehicle-to-everything (C-V2X) technology. These rules will improve transportation safety and permit more efficient mobility as this advanced communications technology is integrated into vehicles and infrastructure. C-V2X technology provides direct communications between vehicles, roadside infrastructure, and other road users such as cyclists, pedestrians, and road workers to facilitate, among other things, non-line-of sight awareness, notice of changing driving conditions, and automated driving.

News Release : [FCC Adopts 'C-V2X' Auto Safety Spectrum Rules](#)

## 4. ISED发布了RSS-222, Issue 4, DBS-01, Issue 4 和 CPC-4-1-01, Issue 2

**Publication : RSS-222, Issue 4 - White Space Devices (WSDs), DBS-01, Issue 4 - White Space Database Specifications and CPC-4-1-01 – Application Procedures for White Space Database Administrators (WSDBAs)**

- Radio Standards Specification [RSS-222, Issue 4, “White Space Devices \(WSDs\)”](#). This standard sets out the certification requirements for license-exempt radio apparatus operating in the frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz, 470-608 MHz and 657-663 MHz, known as white space devices (WSDs).
- Database Specifications [DBS-01, Issue 4, “White Space Database Specifications”](#). This specification sets out the technical requirements for the designation of a database capable of identifying available channels for use by white space devices (WSDs) in the frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz, 470-608 MHz and 657-663 MHz.
- Client Procedures Circular [CPC-4-1-01, Issue 2, “Application Procedures for White Space Database Administrators \(WSDBAs\)”](#), which outlines procedures to be followed by applicants who wish to be considered by ISED for designation as a WSDBA to operate a white space database (WSDB).

## 5. ISED更新了关于802.11ax and 802.11be 的测试

### ISED update on 802.11ax and 802.11be testing

During the TCBC workshop it came up in the KDB sharing session that ISED considered 802.11ax and 802.11be to be separate technologies that have to be assessed individually.

This assessment was on our early understanding of 802.11be and mostly around the channel puncturing aspects of 802.11ax and 802.11be being different.

As mentioned at the workshop, this was taken back to the ISED team and we have since been supplemented with some additional data to support the similarities of 802.11ax and 802.11be.

Upon review, ISED will accept full RU testing of 802.11be to be representative of 802.11ax provided that the power tables are the same. Any special RU configurations must be assessed separately.



# News Letter

## 6. 近期 FCC KDB更新

### FCC KDB Updates

Publication Number	Question	Answer
<a href="#">996369</a>	What is the FCC guidance for equipment authorization of transmitter module devices, and equipment that incorporates transmitter modules?	See the guidance for transmitter module devices in the following attachments:996369 D01 Module Certification Guide v04r02 guides equipment authorization applications under Section 15.212 modular transmitters. 996369 D02 Module Q and A v02r02 provides addi...
<a href="#">935210</a>	What is the Commission guidance for the evaluation of Signal Boosters?	A regulatory framework for signal boosters was established and has been updated in FCC rulemaking docket no. 10-4 (e.g., FCC 13-21, FCC 14-138, FCC 18-35), also including the Network Protection Standard that specifies the technical and operational require...
<a href="#">996369</a>	What is the FCC guidance for equipment authorization of transmitter module devices, and equipment that incorporates transmitter modules?	See the guidance for transmitter module devices in the following attachments:996369 D01 Module Certification Guide v04r02 guides equipment authorization applications under Section 15.212 modular transmitters. 996369 D02 Module Q and A v02r02 provides addi...

## 7. 欧盟更新

### EU Updates: New standard has been published by ETSI in November 2024

#### [ETSI EN 301 893 V2.2.1 \(2024-11\)](#)

5 GHz WAS/RLAN; Harmonised Standard for access to radio spectrum