



# News Letter

## 1. FCC KDB 447498 D01的最新更新要求。

Below please find the most recent KDB activity by the FCC.

<https://apps.fcc.gov/oetcf/kdb/forms/FTSSearchResultPage.cfm?id=20676&switch=P>

The following clarifications were added to the KDB Answer:

To clarify our guidelines and in response to questions from interested parties regarding required documentation, we provide the following information: during this transition period, all applications for equipment certification of RF devices shall include at least one exhibit that addresses compliance with the RF exposure KDB guidance. This exhibit must also be included for equipment where the applicant is claiming exemption from RF exposure testing. Contributions from unintentional or incidental radiators are not required to be included in this assessment at this time. This exhibit shall illustrate how the guidance in the applicable KDB 447498 has been followed: as explained in the previous paragraph, by adhering to the guidance in either KDB 447498-v06, or KDB 447498-D04; applicants must follow a single KDB guidance and may not mix and match portions of each for showing compliance.

Attachment "447498 D04 Interim General RF Exposure Guidance v01" can be used for equipment authorization and must be used in its entirety along with any other associated revised KDB RF exposure procedures and policies (including FCC-TCB conference presentations) during a transition period in effect from August 13, 2022 until further notice.

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The only exception is for cases where certification application(s) include items subject to Pre-Approval Guidance (PAG, KDB Publication 388624) submitted prior to the end of the transition period. In this case, the TCB can grant the device after the end of transition period, using either "447498 D04 Interim General RF Exposure Guidance v01" or "447498 D01 General RF Exposure Guidance v06," after the PAG is approved.



American Certification Body, Inc.

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## 2. ISED RSS-248 Issue 2, DBS-06 Issue 1 and CPC-4-1-02 Issue 1, and above 95 GHz更新。

In May 2021, the Department of Innovation, Science and Economic Development (ISED) released 1200 MHz of licence-exempt spectrum for RLAN devices in the 6 GHz band through the "[Decision on the Technical and Policy Framework for Licence-Exempt Use in the 6 GHz Band](#)". Following the publication of the decision paper, in November 2021, the department published [RSS-248 Issue 1](#) which defines the certification requirements for low-power indoor RLAN devices.

Furthermore, the decision paper also made provisions allowing RLAN devices to operate at a higher power for both indoor and outdoor use (standard-power RLAN devices) under the control of an Automated Frequency Coordination (AFC) system in order to better address longer-distance use cases including rural broadband. As a result, ISED has published the following three (3) documents:

[RSS-248, issue 2, "Radio Local Area Network \(RLAN\) Devices in the 5925-7125 MHz band"](#), which sets out the certification requirements for licence-exempt RLAN devices operating in the frequency band 5 925 -6 875 MHz.

[DBS-06, "Automated Frequency Coordination \(AFC\) System Specifications for the 6 GHz \(5925-6875 MHz\) Frequency Band"](#), which sets out the technical requirements for the designation of an Automated Frequency Coordination System Administrator (AFCSA) and for the operation of an AFC system capable of identifying available frequencies and associated maximum power levels for use by standard-power RLAN devices operating in the 6 GHz (5925-6875 MHz) frequency band.

[CPC-4-1-02, issue 1, "Application Procedures for Automated Frequency Coordination System Administrators \(AFCSAs\)"](#) which outlines procedures to be followed by applicants who wish to be considered by ISED for designation as AFCSAs to operate automated frequency coordination (AFC) systems.

## 3. ISED就SRSP-517和RSS-199技术标准进行公开咨询，截止日期为2023年3月29日。

We would like to inform you of an open consultation from the Department of Innovation, Science and Economic Development Canada (ISED) on the following technical standards, which may be of interest to you.

The draft documents along with instructions on how to provide comments are available on the Radio Advisory Board of Canada (RABC) website.

CONSULTATION ON:

[SRSP-517, Draft Issue 2. Technical Requirements for Broadband Radio Service in the Band 2500-2690 MHz](#)

[RSS-199, Draft Issue 4. Broadband Radio Service \(BRS\) Equipment Operating in the Band 2500-2690 MHz](#)

Comments are due no later than **March 29, 2023**.



# News Letter

#### 4. FCC最新发布KDB986446。

Below please find the most recent KDB activity by the FCC. These materials are for your reference and comment as indicated in the notice:

Publication Number	Question	Answer
<a href="#">986446</a>	The FCC recently adopted FCC 22-84 [1] on Protecting Against National Security Threats to the Communications Supply Chain through the Equipment Authorization Program. How does that affect the FCC equipment authorization process? : <a href="https://www.fcc.gov/document/fcc-amends-equipment-authorization-program">https://www.fcc.gov/document/fcc-amends-equipment-authorization-program</a>	The attachment below, 986446 D01 Covered Equipment v01, provides staff-level equipment authorization guidance on how FCC 22-84 affects the equipment authorization process.

#### 5. FCC关于最新KDB447498的几个Q&A。

Please see the following Q&A about FCC policy regarding RF Exposure exhibit requirements:

**Q1:** After Jan. 17, 2023, all intentional radiators and licensed TX must submit an RF exposure assessment as RF Exposure exhibit type.

**A1:** Yes

**Q2:** RF exposure assessment shall be based on either KDB 447498 D01v06 or D04.

**A2:** Yes, no mixing of versions allowed

**Q3:** When the Power Threshold exemption is applied, the RF Exposure exhibit shall include the information as mentioned during the March 2022, TCBC training on KDB 447498, slide 83 (see below)

**A3:** Yes, the quoted slide seems correct, essentially we are helping to get clear, clean submissions that reduce further questioning and ultimately get to the grant faster. It seems logical to me that if someone claims an exemption they want the FCC to know which one and why...

- All applications will be expected to include an RF exposure assessment (this is like what is currently required for ISED certification)
- If claiming an exemption, the application will need a "report" that justifies the exemption calculation. That would need to address:
  - Maximum available power and how that was determined (options A/B/C)
  - Any source-based duty factors used to determine maximum average power
  - Minimum separation distance used in the calculation
  - Antenna gain used to determine erp
  - Show the equations used for the stand-alone determination of exemption
  - The assessment for simultaneous transmissions for a multi-transmitter device with clear justification / explanation as to which transmitters can operate simultaneously.
- Supporting evidence consistent with the above would be expected in operational description exhibits (which might include chipset spec sheets)

