



News Letter

1. ISED发布标准RSS-123 Issue 4和RSS-181 Issue 2, 可以在网上提交意见和建议。

The following two documents have been posted on the Radio Advisory Board of Canada (RABC) website for a 70-day consultation period:

RSS-123, Issue 4, *Licensed Wireless Microphones* sets out the certification requirements for low-power radio apparatus operating in the frequency bands specified in the standard.

<https://www.rabc-cccr.ca/open-consultations/ised-radio-standards-specification-rss-123-issue-4-licensed-wireless-microphones/>

RSS-181, Issue 2, *Coast and Ship Station Equipment Operating in the Maritime Service in the Frequency Range 1605-28000 kHz* sets out certification requirements for equipment operating in the maritime service in the frequency range 1605 – 28000 kHz.

<https://www.rabc-cccr.ca/open-consultations/ised-radio-standards-specification-rss-181-issue-2-coast-and-ship-station-equipment-operating-in-the-maritime-service-in-the-frequency-range-1605-28000-khz/>

2. 如果两个产品具有相同的PCB板, 采用相同的电子物理布局和组件, 只是在RF外存在很小的变更, 两个产品是不同的FCC ID, SAR测试数据也不能引用。

Question: The manufacturer seeks to have different approvals (by applying for Equipment Authorization separately) for devices that have the electrically identical physical layout and components with only minor variations in the depopulation of Dual SIM to single SIM on the same Printed circuit board. Now they want to reuse EMC and RF exposure test data from the application record of a similar device for test reduction purposes.

According to KDB 484596, Footnote 1 of this KDB publication states that referencing SAR test data for additional test reduction purposes is “generally” not available, so, we are seeking FCC guidance regarding potential re-use of SAR data:

- Is SAR data re-use permitted?
- If yes, is the spot check for the worst one of each mode OK based on the change from Dual SIMs to Single SIM?

Answer: SAR reuse is **not allowed in any condition.**



News Letter

3. 2019年4月TCB会议上关于FCC SAR测试液体的最新变更。
 - Effective February 19, 2019, FCC has permitted the use of single head-tissue simulating liquid specified in IEC 62209-1 for all SAR tests;
 - Mix and Match of traditional FCC SAR TSLs and IEC 62209-1 TSL in a single application is not permitted;
 - TSL can be changed in a Permissive Change. If SAR increases and original SAR > 1.2 W/Kg, additional SAR measurements will be required;
 - EC 62209-1 TSL is an alternative, not mandatory at this time;
 - IF FCC parameters are used, $\pm 5\%$ tolerance. If IEC parameters, $\pm 10\%$ tolerance.
4. 对于Part15有意辐射体，当测定天线端的输出功率时，线缆损耗是否要考虑呢？

Question: May cable loss be considered when determining output power delivered to the antenna of a part 15 intentional radiator?

Answer: Yes. In cases where the antenna is permanently attached to the cable, or if the antenna is professionally installed, the cable loss can be subtracted from the output power at the transmitter terminal to calculate the output power at the antenna input for determining compliance with the output power and any EIRP limit for the antenna. In such a case, the output power at the transmitter terminal, the cable loss, and the output power at the antenna must all be documented in the test report. The grant must list the output power at the antenna, and which cannot exceed the applicable limit.

Also, the cable must not be easily removed by the end user, which could inadvertently allow connection of the antenna directly to the transmitter with operation in excess of the conducted output power or EIRP limits.



News Letter

5. 2019年4月，FCC更新和发布的KDB如下。

Publication Number	Question	Answer
940660	What procedures should be used to evaluate Citizens Broadband Radio Service (CBRS) for compliance under Part 96?	Attachment 940660 D01 Part 96 CBRS Eqpt v02 provides guidance on applicable approval procedures, technical requirements, and Part 96 Citizens Broadband Radio Service (CBRS) interaction with Spectrum Access System (SAS) evaluation.Attachment 940660 D02 CBS...
935210	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...
653005	What are the requirements for vehicular radars operating in the 76 to 81 GHz band under Part 95 Subpart M?	Guidance on the technical requirements for vehicular radars operating in the 76 to 81 GHz band is provided in attachment 653005 76-81 GHz Radars v01r01.
200443	Expired. The subject previously covered in this publication is covered in Publication 842590	Expired. The subject previously covered in this publication is covered in Publication 842590
842590	What measurement procedures should be used for demonstrating compliance of millimeter wave devices?	See attachment 842590 D01 Upper Microwave Flexible Use Service v01 for guidance on the evaluation of millimeter wave (mmW) devices that are subject to Part 30 of the FCC rules. Clause 9 of ANSI C63.10-2013 provides general measurement procedures fo...
558074	What are the test procedures for measuring Digital Transmission System (DTS), Frequency Hopping Spread Spectrum systems (DSS), and hybrid devices subject to the requirements in Section 15.247?	Test procedures for measuring Digital Transmission System (DTS), Frequency Hopping Spread Spectrum Systems (DSS), and hybrid devices are provided in the attachment 558074 D01 DTS Meas Guidance.
641163	What guidance does the FCC provide to Telecommunication Certification Bodies (TCBs) regarding their roles and responsibilities in order to be recognized by the FCC?	The FCC provides guidance to the TCBs, and an overview of the TCB program, in the TCB Program Roles and Responsibilities document: 641163 D01 TCB Program Roles and Resp v04r01.
974614	What guidance is available for FCC recognition of accredited testing laboratories that perform testing of RF Devices subject to the Declaration of Conformity (DoC) and Certification approval procedures?	The FCC provides guidance to accredited testing laboratories in the Accredited Testing Laboratory Program Roles and Responsibilities document, 974614 D01 Accredited Test Lab Roles and Resp v05r01. This guidance has been updated to address the decision i...
668797	What guidelines does the FCC provide to an accreditation body performing an assessment of a certification body seeking to authorize equipment in compliance with the FCC requirements?	The attachment 668797 D01 TCB Accreditation Checklist v03r02 below is intended to serve as a guide and provide a minimum list of items to be included in the assessment of a certification body as part of the complete ISO/IEC 17065 assessment for a certific...