



News Letter

1. IC认证RSS-GEN的标准更新Issue 4中，需要注意的是，报告中需包含测试设置的描述和框图以及测试仪器的不确定度。

- As per clause Annex A (n)(7) of RSS-GEN Issue 4, “a description and a block diagram of the test setup” used must be included in the test report.
- As per clause Annex A (m) of RSS-GEN Issue 4, the measurement uncertainty of the test instruments used must be included in the test report.

Please note that clause 4.6.1 of RSS-130 Issue 1 allows for a lower resolution bandwidth of *only* 30 kHz in the 100 kHz band immediately outside the equipment’s operating frequency range. Therefore, the use of resolution bandwidths less than 30kHz is not permitted.

<https://www.ic.gc.ca/eic/site/smt-gst.nsf/eng/sf08449.html#sA>

2. FCC 15-163A1关于某些U-NII设备必须遵循15.407的要求，延迟截止日期到2016年3月2日。
FCC 15-163A1

Adopted: December 2, 2015 Released: December 3, 2015

By the Commission:

1. By this Waiver Order we extend the current December 2, 2015 deadline by three months (until March 2, 2016) for the requirement that certain National Information Infrastructure (U-NII) devices must comply with our revised Section 15.407 rules in order to be certified. This action is taken in response to requests by several interested parties to extend this certification deadline as part of a larger review of the transition provisions and our OOB rules we recently adopted for the U-NII-3 band. This action is being taken without prejudice relative to the merits of the petitioners’ filings in the docket.

http://transition.fcc.gov/Daily_Releases/Daily_Business/2015/db1203/FCC-15-163A1.pdf

3. IEC 61000-4-24: 2015法规于2015年11月发布新版。

[IEC 61000-4-24:2015, Ed. 2.0](#) - (11/5/2015) - Electromagnetic compatibility (EMC) - Part 4-24: Testing and measurement techniques - Test methods for protective devices for HEMP conducted disturbance.

4. KDB 388624 D01和D02对于PAG的要求。

Question 1: We believe that our new product falls into one of the three classes of certification applications subject to a Pre-Approval Guidance (PAG) review. How should we proceed?

Answer 1: You should review in detail as soon as possible the updated version of *388624 D01 Pre-Approval Guidance Procedure v11r01*, for details on requirements and procedures so that your certification won’t be unnecessarily delayed. The FCC also released an updated version of *388624 D02 Pre-Approval Guidance List v16r01*, the list of current devices that are subject to the Pre-Approval Guidance procedure.

<https://apps.fcc.gov/oetcf/kdb/forms/FTSSearchResultPage.cfm?switch=P&id=28319>



News Letter

5. FCC 15.203对天线连接端子有一定的要求，但是IC对于天线连接端子的要求是什么呢？

Unique antenna Connector

Question 2:The FCC has a “unique antenna connector” requirement per FCC Part 15.203 for transmitters. What is IC’s equivalent “unique antenna connector” requirement for unlicensed transmitters?

Answer 2: IC does not have a transmitter “unique antenna connector” requirement similar to that of the FCC. Nonetheless, IC puts the responsibility on the applicant for equipment certification transmitter and the end user.

The manufacturer of the transmitter -- must provide a list of all antenna types approved for use with the transmitter, indicating the maximum permissible antenna gain (in dBi).

Furthermore, IC requires a user notification be placed in the transmitter manual per RSS-Gen, Section 8.3, Transmitter Antenna for Licence-Exempt Radio Apparatus, which the FCC does not have, and the end user must adhere to. The user notification is as follows:

“User manuals for transmitters equipped with detachable antennas shall also contain the following notice in a conspicuous location:

This radio transmitter (identify the device by certification number) has been approved by Industry Canada to operate with the antenna types listed below with the maximum permissible gain indicated. Antenna types not included in this list, having a gain greater than the maximum gain indicated for that type, are strictly prohibited for use with this device.”

6. 用于交通工具的2.4 GHz无线产品FCC和IC认证的标准要求。

2.4 GHz Wireless Device for Vehicles

Question 3:We have a 2.4 GHz wireless device designed to be installed and operated in a vehicle. Do we have to meet any special vehicular regulation for our device for us to sell it in the USA and Canada?

Answer 3: We are not aware of any special vehicular regulation for FCC and IC certification. There are no typical EMC or individual vehicle tests required for European CE marking in the USA and Canada. Your device would have to meet FCC Part 15C/E for USA and RSS-247.



News Letter

7. IC认证中关于5600-5650 MHz band频段的声明。

When submitting an application to IC, the emission information for the band 5470-5725 MHz should be listed as 5470-5600 MHz and 5650-5725 MHz. If the emission information is listed as 5470-5725 MHz, the client shall submit a letter stating that the device is incapable of transmitting in the band 5600-5650 MHz band or that is a client device which does not have ad hoc capability in this band.

8. 相关FCC KDB于2015年12月份更新。另外，2015年6月份发布的KDB 349827明确了FCC对于测试场地和资质的要求。

KDB 349827 : <https://apps.fcc.gov/oetcf/kdb/forms/FTSSearchResultPage.cfm?id=33872&switch=P>

Publication Number	Question	Answer
416721	What are the test procedures for certifying equipment to operate under the Part 15 Subpart H, White Space rules?	Test procedures for White Space devices are contained in the attached document 416721 D01 White Space Test Procedures v03 below.
634817	Is there any information or guidance on listing frequency ranges on grants for transmitters subject to Certification?	See attached document 634817 D01 Freq Range Listing for Grants v04r01. Attached document 634817 D02 Freq Range Listing for Grants v01r01 is additional information including selected band plan graphs
941225	What are the SAR test procedures for 3G/4G devices?	Attached document 941225 D01 SAR test for 3G devices v03r01 provides SAR test procedures for 3G devices that operate under rule Parts 22H, 24E, 27L. Note: This attachment consolidates previous versions
648474	What are the test procedures for SAR evaluation of handsets or wireless charging battery covers?	See the attached documents for guidance: 648474 D03 Handset Wireless Chargers Battery Covers v01r04 provides test and approval considerations for certain handsets with wireless charging capabili-
784838	What are the procedures for the approval of Telephone Terminal Equipment (TTE) and the recognition a Telecommunication Certification Body (TCB) to certify TTE?	The FCC has streamlined the equipment authorization procedures for Telephone Terminal Equipment (TTE) by privatizing significant portions of the approval process for the connection of customer premises equipment to the public switched telephone network (P...
901874	What is the procedure for the recognition of Conformity Assessment Bodies (CAB) under the terms of a Mutual Recognition Agreement (MRA)?	See attachment 901874 D01 MRA Procedures v01