



# News Letter

## INVITATION to the 2017 International Wireless Certification Workshop 2017国际无线认证研讨会邀请函

Shanghai, China  
中国 上海

November 28-29 2017  
2017年11月28 - 29日

Importance Event Announcement:

重要会议讯息:

We are pleased invite you to participate in the **2017 International Wireless Certification Workshop**. The focus of the workshop will include new changes in the FCC Certification Rules and Regulations, including Canada's Innovation Science and Economic Development (ISED), the European Union's Radio Equipment Directive (RED). A special feature will be Internet of Things (IoT) topics for wireless and wired devices.

在此我们非常荣幸地诚邀您莅临2017国际无线认证研讨会。此次研讨会将着重涵盖美国FCC，加拿大ISED及欧盟无线电设备指令 (RED) 在法规条例方面的最新动态，同时还有一个特别值得推介的主题，包括有线和无线设备的物联网 (IoT) 发展探讨。

Many changes in standards and requirements challenge the wireless industry. Test methods and techniques are more critical for complex radio products, hence we invite presentations on the following topics:

科技的日新月异带动了无线行业标准及要求更新的步伐，测试方法和技术对一些设计复杂的无线产品显得尤为重要，会中我们将邀请到各领域的专家做如下相关主题的演讲:

- Latest Standards, Regulations and Rule Changes
  - ◇ FCC, ISED, Radio Equipment Directive (RED) and Japan MIC
- Internet of Things
  - ◇ Machine-to-Machine M2M Connections
  - ◇ Security
  - ◇ Compatibility
- Update on 5G
- Certification Processes
  - ◇ North America, Europe & Asia
- Accreditation Challenges and Solutions
- Technology Challenges and Solutions
  - ◇ New bands and services
  - ◇ The Internet of Things (IoT) and 5G
  - ◇ Regulatory and Spectrum Challenges
  - ◇ SAR requirements and new test methods



American Certification Body, Inc.

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- 最新的标准，流程及法规更新
  - ◇ FCC, ISED, 欧盟无线电设备指令 (RED) 及日本 MIC
- 物联网
  - ◇ 机器对机器的连接(M2M)
  - ◇ 安全性
  - ◇ 兼容性
- 5G的最新动态
- 认证流程
  - ◇ 北美，欧洲及亚洲
- 实验室资质认可的挑战及解决方案
- 技术的挑战及解决方案
  - ◇ 新的频段发展
  - ◇ 物联网(IoT) 和 5G
  - ◇ 法规与频谱挑战
  - ◇ SAR 的要求和新的测试方法

The sponsors of the Conference, **China Academy of Information and Communications Technology (CAICT), CTTL-Terminals of CAICT and American Certification Body**, are recruiting industry professionals to share their experience and expertise with the manufacturing, testing and certification community.

The goal of the workshop is to expand the knowledge base for design, test and certification professionals to maintain the highest standards of practice in the industry.

此次研讨会的主办方，**中国信息通信研究院** 和**American Certification Body**，特邀业界的专家来与各位分享从制造研发，测试到认证领域的宝贵经验及专业知识，旨在提升行业人员的认知水准，立志树立行业一流的风向标。

We hope you can participate in this two-day experience and welcome you to Shanghai!

我们诚挚地希望您能从百忙中拨冗光临这为期两天的盛会。欢迎您来上海！



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1. FCC于2017年8月11日更新KDB822428, 用于辐射杂散和NSA量测的校准天线的程序是什么?

**Question:** What procedure should be used to calibrate antennas used to make radiated emission measurements and normalized site attenuation (NSA) measurements?

**Answer:** The use of the ANSI C63-series documents for basic FCC compliance testing purposes is described in KDB Publications 300643 and 971168. ANSI C63.4-2014, ANSI C63.10-2013, and ANSI C63.26-2015 provide guidance on the types of measurement antennas for use in making radiated emission and NSA measurements. These standards reference the latest edition of ANSI C63.5 for antenna calibration. ANSI C63.5-2017 was recently released and is to be used for calibrating measurement antennas.

For FCC compliance measurements, a transition period will be allowed such that measurement antennas used for radiated emission measurements may be calibrated in accordance with either ANSI C63.5-2006 or ANSI C63.5-2017 during the transition period. After August 1, 2018, measurement antennas are required to be calibrated in accordance with ANSI C63.5-2017.

Tables 1, 2, and 3 of ANSI C63.4-2014, provide summaries of the types of antennas that may be used when making exploratory measurements, final compliance measurements, and site validation measurements, respectively.

<https://apps.fcc.gov/oetcf/kdb/forms/FTSSearchResultPage.cfm?id=43474&switch=P>

2. RSS-247 issue 2于2017年8月23日开始强制使用。

Radio Standards Specification RSS-247, Issue 2, *Digital Transmission Systems (DTs), Frequency Hopping Systems (FHSs) and Licence-Exempt Local Area Network (LE-LAN) Devices*, replaces RSS-247, Issue 1, dated May 2015.

RSS-247 issue 2 will be in force as of its publication on Innovation, Science and Economic Development Canada's (ISED) website. However, a transition period of six (6) months following its publication will be provided, within which compliance with RSS-247, Issue 2, or Issue 1, will be accepted. **After August 23, 2017, only applications for certification of equipment under RSS-247, Issue 2, will be accepted.**



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### 3. FCC于2017年8月2日更新KDB204515 关于Grantee Code的信息。

**Question:** What is a Grantee Code, what are the guidelines for acquiring a Grantee Code, modifying Grantee Code information, transferring control of a Grantee Code and recovering a lost Grantee Code registration number?

**Answer:** The Grantee Code (Section 2.926) is a three or five character code used to identify the manufacturer or responsible party (referred to as grantee) for products that have been certified under the certification procedure (Part 2, Subpart J). For each product certified the grantee establishes a unique FCC ID that is used to uniquely identify the equipment. The FCC ID consists of the Grantee Code concatenated with the grantee's equipment Product Code to identify: (1) the responsible party (e.g., manufacturer); and (2) the specific product.

#### ◇ **Changing Grantee Code Information**

Changes to Grantee Information (responsible party name, address contact information) must be made on-line through the Equipment Authorization System (EAS) filing page at <https://apps.fcc.gov/oetcf/eas/> by selecting the link “**Modify Grantee Information.**” On this page you will be able access an on-line form to request changes and attach the required documents. All information must be provided in English.

#### ◇ **Lost Grantee Code Registration Number**

To obtain a lost Grantee Code Registration Number send a request through the FCC Office of Engineering and Technology Knowledge Database (KDB) inquiry system at: [www.fcc.gov/kdb](http://www.fcc.gov/kdb), **Submit an Inquiry**, fill in the required fields, select for the First Category “Administrative Request” and the Second Category “Lost Grantee Registration KDB 204515” and then in the Text field provide the following:

- When the inquirers e-mail is the current e-mail address on file;
- When the inquirers e-mail is not the same as the current e-mail address on file, but has the same e-mail domain name;
- When the inquirers e-mail is not the same as the current e-mail address on file and the inquirers e-mail does not have the same domain name.

For the detailed information, please find the below link:

<https://apps.fcc.gov/oetcf/kdb/forms/FTSSearchResultPage.cfm?id=41677&switch=P>





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4. 制造商如果在一个外壳中整合了非模块申请的发射器（比如USB dongle），可以在产品 label 上打上“产品包含发射机的FCC ID”吗？

**Question:** Can a host manufacturer integrate a non-modular approved transmitter (e.g., USB dongle) into a non-accessible enclosure, then label the device with the FCC identifier such as “This product contains transmitter FCC ID XXXYYYZZZ.”

**Answer:** This it is acceptable under the following conditions:

- a) The host manufacturer must adhere to all guidance provided in KDB Publication 996369, including RF exposure requirements,
- b) The transmitter is also approved as a computer peripheral under DoC or certification, and must use a standard computer peripheral connector (such as USB),
- c) No modifications done to the transmitter (i.e., the device integrated is identical to what is approved),
- d) Only antennas already approved with the device are used, and in accordance with all grant conditions and installation requirements,
- e) The host manufacturer performs verification testing that the device still complies (See Clause IX in KDB Publication 996369 D01),
- f) The host manufacturer provides appropriate Part 15 user information including any appropriate RF exposure warnings.

Note if any of the preceding conditions cannot be met, a new certification and filing is required by the host manufacturer.

5. EU部分标准更新。

[ETSI EN 303 348 V1.1.2](#) - (July 2017) - Induction loop systems intended to assist the hearing impaired in the frequency range 10 Hz to 9 kHz; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU

[ETSI TR 103 450 V1.1.1](#) - (July 2017) - System Reference document (SRdoc); Technical characteristics and parameters for Wireless Multichannel Audio Systems (WMAS)

[ETSI EN 300 224 V2.1.1](#) - (June 2017) - Land Mobile Service; Radio Equipment for use in a Paging Service operating within the frequency range 25 MHz - 470 MHz; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU