



# News Letter

## 2017 International Wireless Certification Conference CTTL Forum-International Certification Sub-Forum

### 2017国际无线认证研讨会 泰尔论坛国际认证分论坛

November 28-29, 2017 2017年11月28 - 29日  
Shanghai, China 中国 上海

#### DAY ONE 第一天

<b>AM 上午</b>	
FCC Change and Surveillance FCC认证程序现状及稽核制度	William Graff Chair, TCB Council TCBC主席
FCC TCB Oct. 2017 Training Updates FCC TCB 2017年十月份研讨会更新讯息	Chris Harvey Executive Director, TCBC TCBC执行总裁
Introduction to IEC 62209-3 PAS IEC 62209-3 PAS介绍 (快速SAR测试方法规)	Richelieu Quoi Global Sales Director, ART-Fi ART-Fi国际销售总裁
MIC Update, the establishment of New Certification Data Base System 日本MIC新认证数据库系统现况	Nob Nakanishi Director, DSP Research 日本DSPR总裁
<b>PM 下午</b>	
C-IoT Global Certification 蜂窝IoT全球认证	CTTL 泰尔实验室
Korea certification update 韩国认证要求现况	Nan Ri Certification manager, HCT 韩国HCT认证经理
5G OTA testing challenges and solutions 5G OTA测试挑战与解决方案	Dr. Benoit Derat Director, OTA and Antenna Test Solutions R&S 罗德史瓦兹OTA &天线总裁
Wireless Charging Test Requirement 无线供电技术认证与标准化介绍	CTTL 泰尔实验室
Accreditation of Labs in China 中国实验室认可现况	Dr. Bill Hirt, Global Technical Advisor, ANAB ANAB (17025/065审核机构) 全球技术顾问



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## DAY TWO第二天

AM上午	
RED Update and Surveillance 欧盟无线电指令(RED)现况及稽核	Jan Coenraads Secretary, REDCA RED委员会秘书长
Modular Approval Requirements for CE, MIC, FCC, IC and OFCA. 欧盟, 日本, 美国, 加拿大及香港模块认证要求FCC	Pieter Robben Reviewer, ACB EU ACB欧洲资深审核员
New Requirements and New Solutions for Compliance Testing of Wireless Devices Operating between 4 MHz to 110 GHz 4 MHz 到110 GHz 无线产品法规测试解决方案	Prof. Niels Kuster, ETH Zurich & IT'IS Foundation, ETH Zurich & IT'IS基金会教授
MIC Requirements for Licensed and Unlicensed Devices 日本MIC认证及测试要求	Pieter Robben Reviewer, ACB EU ACB欧洲资深审核员
PM下午	
OTA & LBS New Requirements OTA及LBS认证新要求	CTTL 泰尔实验室
The Latest Information on Regulations and Certification Systems in Australia 澳洲法规与认证现况	Chris Zombolas, Technical Director, EMC Technologies Pty Ltd 澳洲EMC科技公司技术总裁
3GPP & NBloT Requirement 3GPP & NBloT 的要求	Christian Reimer, R&S 罗德史瓦兹
Introduction to mmWave Testing 毫米波测试技术介绍	CTTL 泰尔实验室
The IoT IEEE Initiative IEEE IoT初始汇报	Mike Violette Director, ACB ACB总裁

**Registration Contact(报名联系人): Eda Liu刘欢**

**Email: [sales.asia@acbcert.com](mailto:sales.asia@acbcert.com)**

**电话(Tel): +86 138 1704 0656**

**Please register as soon as possible. Any question please kindly contact us.**

**名额有限, 请速报名。**



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1. FCC于10月27日更新发布了新的KDB935210的要求，具体请看如下。

**Question:** What is the Commission guidance for the evaluation of Signal Boosters?

**Answer:** FCC Report and Order (FCC 13-21 and FCC-14-138) introduced a new regulatory framework for signal boosters, including the introduction of a Network Protection Standard that specifies the technical and operational requirements necessary to minimize the potential for interference from consumer signal boosters to wireless networks. These new requirements are codified in Sections 20.21 and 90.219.

The attachment 935210 D02 Certification Requirements summarizes the certification requirements and associated parameters and definitions for consumer and industrial signal boosters that operate under Parts 20, 22, 24, 27 and 90 of the FCC rules.

The attachment 935210 D03 Signal Booster Measurements provides guidance for demonstrating compliance to the various requirements for Wideband Consumer Signal Boosters as specified in Section 20.21(e), Consumer Signal Booster Network Protection Standard Technical Requirements and Interference Safeguards.

The attachment 935210 D04 Provider-Specific Booster Measurements provides guidance for demonstrating compliance to the various requirements for Provider-Specific Consumer Signal Boosters as specified in Section 20.21(e), Consumer Signal Booster Network Protection Standard Technical Requirements and Interference Safeguards.

The attachment 935210 D05 Indus Booster Basic Meas provides guidance for demonstrating compliance to the various requirements for Industrial Signal Boosters.

Note: The previous attachment 935210 D01 has been expired and the content has been incorporated in 935210 D02.

[935210 D02 Signal Booster Certification v04](#)

[935210 D03 Signal Booster Measurements v04r01](#)

[935210 D04 Signal Booster Provider Specific v02r01](#)

[935210 D05 Indus Booster Basic Meas v01r02](#)

2. EU部分标准更新。

[ETSI EN 302 536 V2.1.1](#) - (October 2017) - Short Range Devices (SRD); Radio equipment operating in the frequency range 315 kHz to 600 kHz for Ultra Low Power Animal Implantable Devices (ULP-AID) and associated peripherals; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU

[ETSI EN 303 402 V2.1.2](#) - (September 2017) - Maritime mobile transmitters and receivers for use in the MF and HF bands; Harmonised Standard covering the essential requirements of articles 3.2 and 3.3(g) of Directive 2014/53/EU



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3. FCC于10月27日更新发布了新的KDB971168的要求，具体请看如下。

**Question:** What are the procedures for compliance measurement for the fundamental emission power for licensed wideband (> 1 MHz) digital transmission systems?

**Answer:** Attachment 971168 D01 Power Meas License Digital Systems v03 provides procedures for measuring power and unwanted emissions of wideband (> 1 MHz) digitally modulated RF signals that are acceptable to the FCC for demonstrating compliance for licensed transmitters.

Attachment 971168 D02 Misc OOB License Digital Systems v02 provides emission measurement guidance for specific service rules.

Attachment 971168 D03 IM Emission Repeater Amp v01 provides basic guidance for inter-modulation product spurious emission testing of frequency translating repeater system equipment and similar devices.

[971168 D01 Power Meas License Digital Systems v03](#)

[971168 D02 Misc Rev Approv License Devices v02](#)

[971168 D03 IM Emission Repeater Amp v01](#)

4. FCC于10月16日更新发布了新的KDB653005的要求，具体请看如下。

**Question:** Is it permitted for sensors certified under either Part 15 or Part 95 Subpart M as vehicular radars to be mounted on and deployed on railroad train locomotives; train cars; monorails or trams; construction vehicles; farming vehicles such as tractors and harvesters; motorcycles; scooters and motorbikes; mobile scissor-lifts and mobile work platforms; and boats and ships operated within territorial waters of the United States?

**Answer:** The FCC recently consolidated the rules for vehicular radar operations at 76-81 GHz into a new Part 95 Subpart M (among other things, replacing prior Section 15.253). While the rules in Parts 15 and 95 do not specifically define “vehicles”, Sections 15.252, and 15.515 (which specify technical requirements for vehicular radar systems) do permit the use of sensors mounted in terrestrial transportation vehicles. This supports an expanded rather than narrow view of a “vehicle” and the new Part 95 rules should be read in a consistent manner.

Therefore, sensors certified under Part 15 and Part 95 Subpart M for use on vehicles can be deployed on railroad train locomotives; train cars; monorails or trams; construction vehicles; farming vehicles such as tractors and harvesters; motorcycles; scooters and motorbikes; mobile scissor-lifts and mobile work platforms; and boats and ships operated within territorial waters of the United States. The overall installation must comply with all the conditions of grant of certification and the relevant technical standards for such operation. It is not necessary to obtain a new grant of certification for approved sensors to be used on different types of vehicles.