



News Letter

1. 在15.101(b)测试的接收机，支持多个1GHz以下非连续频带（30-960MHz），接收机可以在整个设备运行范围内低于1GHz的三个频率（低，中，高）进行测试？

Question: Can the receiver testing under Section 15.101(b) for a device that supports multiple non-contiguous bands below 1 GHz (i.e., within 30-960 MHz) be limited to just three frequencies (low, mid, and high) across that entire device operating range below 1 GHz?

Answer: Measurement requirements for receivers are the same as those for intentional radiators under Section 15.31(m). For bands or sub-bands that are wider than 10 MHz, test data for low, mid, and high frequencies is required.

2. 可否使用单极(杆)天线进行30MHz以下的辐射杂散测量？

Question: May a monopole (rod) antenna be used for performing radiated emission measurements below 30 MHz?

Answer: The procedures for measuring radiated emissions for intentional and unintentional radiator devices are found in ANSI C63.10-2013 and ANSI C63.4-2014, respectively, including recommended types of measurement antennas. It is not acceptable to use an active or passive monopole (rod) antenna when performing measurements to demonstrate compliance with the FCC radiated emission limits below 30 MHz. Calibrated loop antennas generally provide more accurate and repeatable field strength measurement results below 30 MHz [FCC 03-149, Second Report and Order, docket no. 01-278, para. 40]. Per Section 15.31, the monopole antenna provisions in 4.5.3 and 8.2.2 of ANSI C63.4-2014 are excluded for FCC compliance testing purposes.

Unintentional Radiators: **Subclause 4.5 of ANSI C63.4-2014** provides information on selecting the correct measurement antenna for radiated emission measurements.

Footnote b to Table 2 of ANSI C63.4 explains the restriction on the use of the monopole (rod) antennas for compliance measurements below 30 MHz.

Intentional Radiators: **Subclause 4.3.1 of ANSI C63.10-2013** provides information on selecting the correct measurement antenna for radiated emission measurements.

Footnote b to Table 1 of ANSI C63.10 explains the restriction on the use of monopole (rod) antennas for compliance measurements below 30 MHz.

When performing radiated emission measurements below 30 MHz for compliance testing of Part 15 and Part 18 devices, use of either an active or passive loop antenna is required. Other information about test sites and antennas for radiated emission



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3. FCC新发布的KDB列表清单如下。

Publication Number	Question	Answer
997198	How do you identify goods being imported into the United States that require an FCC Equipment Authorization?	The attachment below provides guidance to help identify what type of goods require an FCC equipment authorization and imported into the United States. Additional information on importation is located at https://www.fcc.gov/oet/ea/importation
285076	What are the equipment authorization requirements for hearing aid compatibility of mobile handsets?	The following documents provide guidance on the equipment authorization of RF devices subject to the Hearing Aid Compatibility (HAC) rules: 285076 D01 HAC Guidance v06r01 provides equipment authorization guidance for mobile handsets subject to t...
741304	Are there any guidelines for requesting to exceed the limits of the importation requirements in Section 2.1204?	See the guidance provided in the attachment 741304 D01, Request to Exceed Importation Limits v02 below, for importing devices in an amount that exceeds the rules for the purposes of either testing and evaluation or suitability for marketing unde...
388624	What devices require FCC guidance prior to a TCB issuing a grant of equipment authorization, and what are the procedures to obtain this guidance?	The attached documents provide guidance on the Pre-Approval Guidance (PAG) procedures (Section 2.964) formerly known as the Permit But Ask (PBA) procedure. Attachment 388624 D02 Pre-Approval Guidance List v18 provides a list of the RF devices tha...
291074	What are the requirements for obtaining a Certification for U-NII-4 band 5.9 GHz devices operating in the 5.850-5.895 GHz band under Part 15, Subpart E?	The following attachments provide guidance for obtaining Certification for devices operating in the 5.850-5.895 GHz band under Part 15, Subpart E: 291074 D01 General Requirements. Form 731 and supporting information requirements. 291074 D02 EM...
447498	What are the RF exposure requirements and procedures for mobile and portable devices?	Mobile and portable device RF exposure and equipment authorization requirements are found in 47 CFR Sections 1.1307, 2.1091, and 2.1093. Attachment 447498 D01 General RF Exposure Guidance v06 provides guidance pertaining to RF exposure requirem...

4. ISED对于RSS-131 新版标准寻求咨询，请于2022年9月2日前提供。

CONSULTATION: RSS-131, issue 4, Zone Enhancers

ISED would like to inform you of an open consultation from the Department of Innovation, Science and Economic Development Canada (ISED) on the following regulatory procedure which may be of interest to you. The draft documents along with the form to provide comments are available on the Radio Advisory Board of Canada (RABC) website.

The Department of Innovation, Science and Economic Development Canada is seeking comments on [RSS-131, issue 4, "Zone Enhancers"](#), which sets out the certification requirements for zone enhancers, including Distributed Antenna Systems (DASs) and External Radio Frequency Power Amplifiers (ERFPAs) used in conjunction with licensed radio equipment in certain radio services. Comments are due no later than September 2, 2022