



News Letter

1. 短距离无线感应耦合充电板或充电设备的规范是什么？

Question: What rules regulate short distance wireless inductive coupled charging pads or charging devices?

Answer: Wireless power transfer (WPT) devices operating at frequencies above 9 kHz are intentional radiators and are subject to either Part 15 and/or Part 18 of the FCC rules. The specific applicable rule part depends on how the device operates, and if there is communication between the charger and device being charged.

Devices specifically intended for use for wireless power transfer, or inductive charging, require FCC guidance for frequency exposure review. This includes Part 18 devices. It may be necessary for the responsible party (manufacturer) to seek guidance from the FCC on specific WPT devices by submitting a KDB inquiry, <http://www.fcc.gov/labhelp>. The inquiry should include the following:

- complete product description, including coil diameters , number of turns and current;
- FCC Rule Part(s) the device will operate under and the basis for selecting the Rule Part (s);
- planned equipment authorization procedure (i.e., SDoC or certification);
- drawings, illustrations;
- frequency of operation;
- radiated power;
- operating configurations; and
- conditions for human exposure.

Intentional radiators transmitting information must be certified under the appropriate Part 15 Rules and will generally require an equipment certification. A WPT device may operate in two different modes: charging and communications. It is possible for the device to be approved under Part 18 for the charging mode and Part 15 for the communications mode, if it can be shown that (1) the device complies with the relevant rule parts; and (2) the functions are independent. Part 18 consumer devices can be authorized using either certification or SDoC, once the appropriate RF exposure evaluation has been completed.

Finally, it is possible that the power charging function could be approved under Part 15 rather than Part 18 if the device meets all of the requirements of the appropriate Part 15 rule.

[680106 D01 RF Exposure Wireless Charging Apps v03](#) provides general guidance on the information necessary to determine RF exposure evaluation and compliance requirements when submitting a wireless charging application inquiry.



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2. 使用经过批准的模块式发射机，对于不同天线的要求是什么？

Question: What are the requirements for approving a different antenna with an approved modular transmitter?

Answer: The permissive change requirements for modifying a certified modular transmitter are given in Sections 2.1043 (b)(4) and (f), which specify that the original grantee of Certification is the only party that can request a permissive change to a part 15 device.

Grantees can file for a Class II permissive change to add a new antenna. If the manufacturer or seller of the device is not the original grantee, and the original grantee is unwilling to file a Class II permissive change, a new application for certification is required under a different FCC ID number. See KDB Publication 996369 for further guidance on antenna specifications to be provided by the grantee to the host integrators.

3. FCC近期更新的KDB。

Publication Number	Question	Answer
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 v16r04 provides a list of the RF devices that ...
287378	Where do I ship a test sample when I in response to a sample request from the FCC Laboratory?	When the FCC requests that a test sample be submitted to the FCC Laboratory for auditing, see the attached document 287378 D01 Equipment Shipping Instructions v04 for instructions on shipping the sample to the FCC Laboratory.

4. ISED提醒测试实验室必须在2019年3月15日前被ISED认可。

Please note that this is a reminder that your Testing Laboratory must **be recognized by ISED before March 15, 2019**. Only five (5) months remaining!

As a reference, please refer to the [REC-LAB](#) procedure (<http://www.ic.gc.ca/eic/site/smt-gst.nsf/eng/sf05259.html>).