



# News Letter

## 1. ISED发布RSS-132 issue 4标准版本。

This is to advise you that Innovation, Science and Economic Development Canada (ISED) has updated and published the following document:

Radio Standards Specification [RSS-132 Issue 4, Cellular Systems Operating in the Bands 824-849 MHz and 869-894 MHz](#), which sets out the certification requirements for cellular equipment operating in the bands 824-849 MHz and 869-894 MHz.

### The main changes are listed below:

- Removed the section on receiver spurious emission.
- Added the definitions of mobile equipment and portable equipment.
- Changed the transmitter radiated power for mobile equipment from effective isotropic radiated power (e.i.r.p.) to equivalent radiated power (e.r.p.).
- Removed section 4 on external control, mobile equipment identifier (MEID) and international mobile equipment identity (IMEI).
- Modified the frequency stability requirement.
- Added requirements for portable equipment.
- Modernized to reflect the current Radio Standards Specification structure.
- Made editorial changes and clarifications, as appropriate.

## 2. ISED发布了Notice, 关于穿戴式设备需使用特定的phantom进行测试。

This is to advise you that Innovation, Science and Economic Development Canada (ISED) has published the following Notice:

[Notice 2023-DRS0003](#) – Guidance on Application-specific phantoms

This notice clarifies ISED's position regarding the application-specific phantoms introduced in the international standard IEC/IEEE 62209-1528.



# News Letter

## 2. 短距离无线感应耦合充电板或充电设备有哪些规定？

**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. 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.

Note [1] : Either the published attachment below or a 2022 expired draft document ([680106 Exposure Wireless Charging Apps DR04 44611](#)) may be used for demonstrating compliance. However, whichever version is used must be followed in its entirety, mixing and matching is not permitted.

## 3. ISED就技术和附加信息一览表发布在ISED网站上。

At the last October TCBC workshop, ISED was asked for a list of the latest Technology & Additional Information (Band Class) available for selection in Spectra Web.

This message is to inform Certification Bodies and other industry players that the list of Technology & Additional Info (Band Class) is available on the ISED CEB website at the following location:

[Radio Equipment \(canada.ca\)](#)