



News Letter

1. 最初是在连续波 (CW) 模式下，在没有调制的情况下对我们的无线电产品进行认证。我们现在想要在原始认证的基础上，通过硬件的方式添加调制，这可以通过二类许可变更来实现吗？

Question: We originally certified our licensed radio in continuous wave (CW) mode without modulation. We now want to add modulation via hardware that was in place at the time of the original certification. Can this be done via a Class II permissive change?

Answer: Since the new modulation is a factory software/firmware change to be implemented at the manufacturing level, and not by a third party or via a field update, it is possible to apply for a Class II Permissive change. However, if the modulation implementation requires the addition of a hardware modulation circuit, a new FCC certification application would be warranted. Lastly, per [178919 D01 Permissive Change Policy v06](#), Section V(D) "Third party activation of software changes for any radio parameter such as new frequencies, output power, and/or modulations, or changes that modify the circumstances under which the transmitter is approved to operate, are not allowed unless the device was approved as a software-defined radio (SDR)".

2. FCC更新了KDB 558074，先前的KDB453039，KDB543300，KDB867751中讨论的主题现在被KDB558074替代。

[558074 D01 15.247 Meas Guidance v05](#)

CHANGE NOTICE

NOTE—this document (KDB Publication 558074 D01) combines information from and expires the former KDB Publication 867751 (FHSS), KDB Publication 453039 (hybrid systems), and FCC Public Notice DA 00-705.

08/24/2018: 558074 D01 DTS Meas Guidance v04 changed to 558074 D01 15.247 Meas Guidance v05. Document restructured including replacing text with cross-references to corresponding text in ANSI C63.10.

3. RED OJ于2018年9月14日更新。

A new version has been published, with a few additions.

<https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=OJ:C:2018:326:FULL&from=EN>



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4. 在外壳内或另一个设备内使用已认证的发射机，而无需根据新的FCC ID重新认证整个外壳或设备的要求是什么？

Question: What are the requirements for using already certified transmitters inside an enclosure, or inside another device, without having to re-certify the entire enclosure or device under a new FCC ID?

Answer: If the transmitter is certified as a module, it may be integrated or used inside another device. No further approval is required when the module is used in accordance with the FCC grant conditions, and any limitations or usage conditions required by the manufacturer's instructions, as discussed in this publication and KDB Publication 784748 for appropriate labeling requirements.

See KDB Publication 178919 for further guidance on changing the enclosure or permitting the use of a certified transmitter not approved as a module in another enclosure.

In both cases above, compliance with all grant conditions must be observed. For example, adherence is required to the grant condition that states that this transmitter cannot be co-located with other transmitters or not used within a certain distance from the body of a user or nearby persons. In addition, other electronic functions not associated with the certified module or certified transmitter may require additional equipment authorization, if applicable.

5. ISED于近期提出报告中经常会碰到的问题。

- **standardized measurement methodology**

As per IEEE 1528-2013, section 5.4.1 and IEC 62209-2 section 5.2.3, linear interpolation shall be used to obtain dielectric properties at other frequencies within the range of the tabular target values.

- **test report**

As referenced in section 2.2 of RSS-102, "equipment calibrations" is required as part of the RF Exposure Technical Brief. All equipment used in the SAR evaluations, including System Check and dielectric verification must be provided in the equipment list to demonstrate compliance to RSS-102. This would include, but not limited to signal generators, directional couplers, power meters and power sensors, filters and attenuators used during System Check, and the dielectric probe kit used to verify tissue simulating liquid.

Please note that the test equipment used, identified by type, manufacturer, serial number or other identifier and the date on which the next calibration date or service check is due shall be included in the test report; as per RSS-Gen Issue 5, Annex A (14)(e).