



# News Letter

1. 按照KDB 388624 D02 v17r05 附录A, 只有按照KDB 616217验证和测试的电容式P-sensor降功率可以免除PAG, 其他P-sensor, Hall sensor, Gravity sensor等传感器降功率还是要走PAG程序. 按照附录B, 两个以上的非连续上行CA SAR要走PAG流程, 连续CA不用PAG。

Reminder about KDB 388624 D02 Pre-Approval Guidance List v17r05 Appendix A&B:

388624 D02 Pre-Approval Guidance List v17r05 replaces 388624 D02 Pre-Approval Guidance List v17r04 to modify for clarification PAG items TXSENS and AGGREG. Current guidance on TXSENS and AGGREG are provided in Appendix A and B respectively in v17r05 of this document. In V17r05 Appendix A, the FCC makes it clear that ONLY capacitive proximity sensors for power reduction that have applied the guidance in KDB 616217 are exempt from PAG. All other proximity sensors, including optical P-sensors, and Hall effect or gravity sensors etc. used to reduce the transmit power will still require a PAG.

For AGGREG, v17r05 Appendix B clarified this PAG is for Mobile and portable devices designed to transmit using carrier aggregation techniques involving at least two non-contiguous channels, it's not required when carrier aggregation occurs only on contiguous channels.

2. 继WCDMA 增加OTA 测试后, LTE草稿版标准EN 301 908-13 V13.2.0也增加了总辐射灵敏度 (TRS)和总辐射功率 (TRP). 这两项OTA测试目前仅适用于 $56\text{mm} \leq \text{产品宽度} \leq 72\text{mm}$ 和LTE FDD 1/3/7/8/20/28 and TDD 38/40的产品。

After ETSI EN 301 908-2 V13.1.1 included OTA requirements for WCDMA, on approval standard Draft ETSI EN 301 908-13 V13.2.0 also added Over The Air (OTA) antenna performance requirements in terms of Receiver Total Radiated Sensitivity (TRS) and Total Radiated Power (TRP) to LTE.

The minimum requirements for E-UTRA FDD and TDD bands are in the speech position Beside Head Hand Left and Beside Head Hand Right (BHHL/BHHR) for primary mechanical modes for the following devices:

- ◆ Handheld phones/DUTs that are wider than or equal to 56mm and narrower than or equal to 72mm.
- ◆ E-UTRA FDD 1/3/7/8/20/28 and TDD 38/40.



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### 3. 欧盟更新

#### **EU Updates: Several new standards have been published by ETSI in December 2021.**

[ETSI EN 303 345-5 V1.2.1 \(2021-12\)](#) Broadcast Sound Receivers; Part 5: DRM broadcast sound service; Harmonised Standard for access to radio spectrum.

[ETSI EN 303 345-2 V1.2.1 \(2021-12\)](#) Broadcast Sound Receivers; Part 2: AM broadcast sound service; Harmonised Standard for access to radio spectrum.

[ETSI EN 301 025 V2.3.1 \(2021-12\)](#) VHF radiotelephone equipment for general communications and associated equipment for Class "D" Digital Selective Calling (DSC); Harmonised Standard for access to radio spectrum and for features for emergency services.

#### **And the following standards are on approval, waiting to be published:**

[ETSI EN 303 722 V1.2.0 \(2021-12\)](#) Wideband Data Transmission Systems (WDTS) for Fixed Network Radio Equipment operating in the 57 GHz to 71 GHz band; Harmonised Standard for access to radio spectrum.

[ETSI EN 303 363-1 V1.0.4 \(2021-12\)](#) Air Traffic Control Surveillance Radar Sensors; Secondary Surveillance Radar (SSR); Harmonised Standard for access to radio spectrum; Part 1: SSR Interrogator.

[ETSI EN 303 105-4 V1.0.3 \(2021-12\)](#) Digital Video Broadcasting (DVB); Next Generation broadcasting system to Handheld, physical layer specification (DVB-NGH); Part 4: Hybrid MIMO Profile.

[ETSI EN 303 105-3 V1.0.3 \(2021-12\)](#) Digital Video Broadcasting (DVB); Next Generation broadcasting system to Handheld, physical layer specification (DVB-NGH); Part 3: Hybrid Profile.

[ETSI EN 303 105-2 V1.0.3 \(2021-12\)](#) Digital Video Broadcasting (DVB); Next Generation broadcasting system to Handheld, physical layer specification (DVB-NGH); Part 2: MIMO Profile.

[ETSI EN 303 105-1 V1.0.3 \(2021-12\)](#) Digital Video Broadcasting (DVB); Next Generation broadcasting system to Handheld, physical layer specification (DVB-NGH); Part 1: Base Profile.

[ETSI EN 301 598 V2.2.0 \(2021-12\)](#) TV White Space Devices (TVWSD); Wireless Access Systems operating in the 470 MHz to 694 MHz TV broadcast band; Harmonised Standard for access to radio spectrum.

[ETSI EN 300 175-8 V2.8.5 \(2021-12\)](#) Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Part 8: Speech and audio coding and transmission.

[ETSI EN 300 175-7 V2.8.5 \(2021-12\)](#) Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Part 7: Security features.



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[ETSI EN 300 175-6 V2.8.5 \(2021-12\)](#) Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Part 6: Identities and addressing.

[ETSI EN 300 175-5 V2.8.5 \(2021-12\)](#) Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Part 5: Network (NWK) layer.

[ETSI EN 300 175-4 V2.8.5 \(2021-12\)](#) Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Part 4: Data Link Control (DLC) layer.

[ETSI EN 300 175-3 V2.8.5 \(2021-12\)](#) Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Part 3: Medium Access Control (MAC) layer.

[ETSI EN 300 175-2 V2.8.5 \(2021-12\)](#) Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Part 2: Physical Layer (PHL).

[ETSI EN 300 175-1 V2.8.5 \(2021-12\)](#) Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Part 1: Overview.

4. ISED正在征求RSS-102 SPR-002 Issue 2的意见，2022年3月14日前可通过下面方式提交。

**CONSULTATION ON:** [RSS-102 SPR-002 Issue 2 – Assessing Compliance from 3 kHz to 10 MHz](#)

The Department of Innovation, Science and Economic Development Canada is seeking comments on this Supplementary Procedure to Radio Standards Specification (SPR) which describes the technical requirements and assessment procedures for demonstrating compliance of radio apparatus with the radiofrequency (RF) exposure limits outlined in RSS-102 from 3 kHz to 10 MHz. It applies to all radio apparatus producing RF emissions in this range. It also applies to some interference-causing equipment, specifically Industrial, Scientific and Medical (ISM) equipment.

The draft documents along with the form to provide comments are available on the [Radio Advisory Board of Canada \(RABC\) website](#). The consultation will close on **March 14th, 2022**.