Grant Conditions,
SAR Listings on Grants,
SAR Listings in User Manuals

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Overview

- Status update for KDB Draft 821551 about uniform grant conditions, notes, comments, and remarks
- Updates to KDB 690783 for SAR listings on grant certificates
- Updates to KDB 212821 general guidance for SAR listing in user manuals
Uniform Grant Conditions
KDB Draft 821551 Status Update
Background

- Principles for TCB uniform processing
  - Equipment certifications by TCBs must be in accordance with FCC rules and policies, including procedures
  - TCBs may not certify equipment for which rules or requirements do not exist or are unclear to apply
  - TCBs must recognize situations where interpretations of rules or test procedures are needed

- Detailed uniform guidance for TCBs about grant conditions was provided in 2000; mainly covered RF exposure matters

- Variations, modifications, adaptations, extensions from that are still being used now for many grants
KDB Draft 821551

- KDB DRAFT 821551 was published in Oct. 2011 for 30-day public comment
- Only limited inputs were received
- Changes and updates for 821551 are still in preparation
- With the anticipated scope of changes, the DRAFT will be posted again for public commenting – planned June 2012
- Updates entailed by the Apr. 2012 RF exposure policies and procedures changes are to be addressed
TCB inputs still requested and welcome about structure and contents for uniform grant conditioning guidance document
– Top-20 most used “building block” statements, or
– Grant notes for Top-20 basic device types, or
– e-filing system alphanumerical coded notes, or
– Please let us know other suggestions or approaches
  • What approaches are used by TCBs?
Co-location Grant Conditions

Co-location-restricted and/or stand-alone-evaluated transmitters installed in an enclosure for simultaneous operation with one or more other transmitter(s)

– Uniform processing general guidance since 2000 was for a co-location grant restriction whenever simultaneous transmission conditions were not evaluated in filings

– It is not the intent presently to require Class II permissive change filings for all multi-transmitter device installations, even when the component transmitters have co-location grant restrictions
Co-location Grant Conditions

The evolved guidance of KDB 447498 and related documents allows cases where different grant notes can be appropriate.

Procedures of KDB 447498 and related documents should be used to address the intended and reasonably expected simultaneous transmission (co-location) operating configurations for a device.

No co-location (and/or no simultaneous transmission) grant condition if used needs appropriate justification in filings.
SAR Listings on Grants
Update to KDB 690783
SAR Listings Update

Uniform SAR listings are useful for quick indications that filings have evaluated appropriate exposure conditions, and especially whether simultaneous transmission conditions are applicable.

Other headings and numberings have been added to KDB 690783, to distinguish the basic standard and product standard items.

Various wording is adjusted for clarification.
SAR Listings Update

Devices such as dedicated-mode wireless router / hotspot should use the following

– Where a specific device has only simultaneous transmission end-use operations: The highest reported SAR value is #.## W/kg

– Where a specific device has stand-alone and simultaneous transmission end-use operations: The highest reported SAR values for stand-alone and simultaneous transmission conditions are #.## W/kg and #.## W/kg, respectively.

Filings must describe the supported transmitting modes and operations
SAR Listings Update

For dedicated-mode wireless-router / wireless-hotspot devices

- TCBs please ensure that the SAR results, grant comments, and user instructions are not listed as being for body-worn accessory use (i.e. see also KDB 941225 D06)

Overall, variations in SAR listing formats for any devices should not be used without strong justifications in filings

- For example, do not use “near-body,” “limbs,” “face” for the SAR results exposure conditions
SAR in User Manuals
Update to KDB 212821
SAR in User Manuals

- General guidance in KDB 212821 is updated for SAR listings in user manuals for handsets.
- When a phone manufacturer includes SAR numbers in user instructions, the information must be correct, and match exactly what is in the SAR report.
- Where SAR values are based on use of a body-worn accessory, such operating requirements must be clearly disclosed in user instructions.
- The minimum separation distance required to maintain SAR compliance must be clearly identified, to enable users to understand the SAR numbers.
Questions and Answers

Thanks!