



# Equipment Authorization Applications

**TCB Workshop  
April 2013**

Laboratory Division  
Office of Engineering and Technology  
Federal Communications Commission



# Grant Notes

## ● “Note 1”

- Use of “Note” designation in place of actual emission designators works around system check for designator validity
- With introduction of recent narrow-banding rules this has created problems for the FCC Lab and the WTB
- We will no longer allow TCBs to use “Note 1” or equivalent in place of listing emissions designators on an application



# Grant Notes

## ● EF Grant Note

- TCBs and applicants have not been properly addressing EF grant note in applications
- The device must be capable of operating on frequencies in the appropriate US frequency band listed and authorized
  - Extended frequency band must be contiguous and permitted in the guidance
- It is not just sufficient to have a boiler plate attestation, the operational description must clearly state how the operation in the non-authorized bands are controlled
- Applications which do not clearly address how operation in non-authorized bands is controlled may be dismissed



# Grant Notes

- EF Grant Note (cont)
  - In cases where frequency extension is applied for and also multiple rule parts appear on the grant:
    - The application must clearly show how compliance with the rule part with strictest requirements is met
    - The operational description must clearly show measures taken to not permit non-US operation
    - User manual instructions are not enough for devices sold directly to users
  - We are reviewing placing further restrictions on EF grant note, among considerations:
    - Further restrict EF notes only to permit operation with joint federal use
    - Not permit EF codes where LTE bands may overlap with non-CMRS use in US
    - Propose to seek comments on these suggestions in the KDB 634817 and justification for permitting specific bands



# Confidentiality

- KDB reference numbers are confidential
  - KDB reference numbers often need to be included in EAS applications to document guidance
  - Do not include KDB reference number in SAR reports or other public documents in EAS
  - KDB number can be included in operational description or other confidential exhibits



# PBA Changes

- Deletions
  - Transmitters operating under the special provisions of spectral efficiency (KDB Pub 579009)
    - Section 90.203(j)(4) with channel bandwidths of greater than or equal to 12.5 kHz operating in either multi-bandwidth modes, or
    - Section 90.203(j)(5) for special provisions of spectrum efficiency standards, or
    - Section 90.203(j)(7)
  - Signal boosters or repeaters operating under FCC Rules Parts 22, 24, and 27 (moved to Exclusion List)
  - When SAR measurements are not required for
    - TDD Implementations
    - Release 6 HSPA, Release 7 E-Edge and HSPA+, or release 8 HSDPA
    - CDMA 2000 1x Rev. E (1x Advanced)



# PBA Changes

- Moved from Exclusion List or new additions
  - Devices operating with unrestricted contention based protocol subject to Part 90Z rules for operation in the 3650-3675 MHz
  - Devices operating under Section 15.250 or doppler radars operating in the 24.05 GHz to 24.25 GHz frequency band (Part 90 Subpart F).



# Exclusion List

- Deletions
  - Doppler radars operating in the 24.05 GHz to 24.25 GHz frequency band (Part 90 Subpart F).
- Additions
  - Signal Boosters and devices subject to the rules adopted by the Commission in FCC 13-21





# Questions and Answers

**Thanks!**