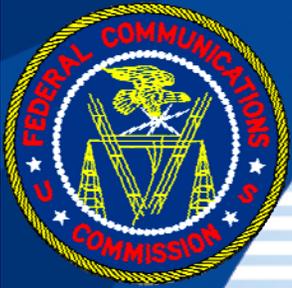




# **Grant Frequency (KDB 634817) Update**

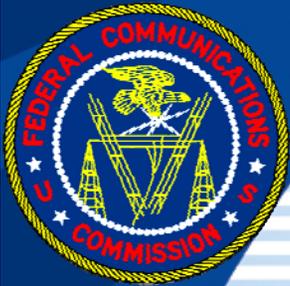
**Andy Leimer  
Equipment Authorization Branch**

**Federal Communications Commission  
Office of Engineering and Technology  
Laboratory Division**



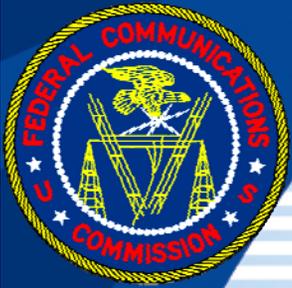
## Updated Guidance for Listing Part 15 Frequencies

- Center frequency of the lowest channel and the center frequency of the highest channel
- List only frequencies for operation modes which result in worst case RF characteristics
  - Widest frequency range
  - Highest power
  - Intent is to minimize the number of Grant line items with many operational BW modes  
(eg: 802.11 with multiple BWs)
- Grant comments should list BW modes  
(eg: This device has a 20 MHz and 40 MHz bandwidth mode.)



## Extended Frequency (Note Code EF)

- 406 to 406.1 MHz is an FCC protected band (Reference FCC 04-75) and should not be listed on the Grant except for Part 80, 87, and 95 satellite emergency location services
- DFS/TDWR band (5600 -5650 MHz should not be listed on the Grant (Reference KDB 443999). This is considered to be a notch in the 5470-5725 MHz U-NII band
- Extended frequency operation must have proper justification in the filing
  - EF note cannot be used for arbitrary frequencies
  - EF note code can only be used on contiguous bands
  - Devices must have proper controls for ensuring only authorized operation in the US



# Questions and Answers

**Thanks!**