

Response to TCB Findings

1. The composite power output rating in the "RF Components Description" file is 1W, but the measurements show a power output of 27dBm and manual also shows 27dBm rating. Has the input drive level and gain setting been maximized? Please clarify.
[Ruby Dulmage] The composite power is up to 1W, we use only 0.5W for safety margin
2. Please clarify if all the components required to achieve the "D" and "F" block frequencies reside in a single enclosure as seen in external photo. Are these different transmitters in separate enclosures?
[Ruby Dulmage] For each block there is one product that is used independently. The RF active components are the same, the mechanical structure and electrical wiring are the same, the difference is only in the duplexers' frequency response.
3. Please specify the label material.
[Ruby Dulmage] The label material is nylon.
4. Please supply up-link and down-link MPE calculations.
[Ruby Dulmage] MPE calculations supplied for uplink and downlink.
5. Please specify the DC voltages and currents in final RF amplifier stage.
[Ruby Dulmage] DC parameters are listed in RF components description document. DC voltage is 28V, DC current is 4A for downlink AMP and 1.4A for uplink AMP.
6. Please inform Dekolink Wireless that their product must meet all criteria stated in Section 22.383 (applies to 24E as well) for related booster/in-building operations. Please submit an exhibit or correspondence confirming that they are aware of this.
[Ruby Dulmage] Dekolink was sent Section 22.383 of the FCC Rules.
7. Please describe how the rejection of out-of-band signals are ensured by this device. Supporting test data or filter frequency response is acceptable.
[Ruby Dulmage] See attached "Block F and D Duplexer Plots" as required.