From: John Forrester

To: Behnam Ghaffari
Date: October 15, 2015

Subject: FCC File No. 1115-EX-ST-2015

Message:

Hi Ben,

Please find responses to correspondence reference number 29787.

Best Regards,
John

Question/Answers:
1. Please provide the maximum power spectral density in 1 MHz for band 5150-5250 MHz.

Qualcomm response: The max power spectral density is 17dBm/MHz in accordance with §15.407 (a)(1)(i) for small cells and access points. The max power spectral density is 11Bm/MHz in accordance with §15.407 (a)(1)(ii) for mobile and portable WIFI devices. LTE mobile and portable devices do not transmit in the 5150-5250 MHz band.

2. Please provide the maximum power spectral density in 500 kHz for band 5725-5850 MHz.

Qualcomm response: The max power spectral density is 30dBm/500kHz in accordance with §15.407 (a)(3) for small cells, access points, and mobile WIFI devices. LTE mobile and portable devices do not transmit in the 5725-5850 MHz band.

3. How many mobile devices do you intend to use for all 4 locations?
Qualcomm response: Up to 14 mobile stations will be used in Raleigh and up to 28 mobile stations in Oklahoma for a total possible number of 42 LTE-U capable mobile devices.