



Compliance Testing, LLC

FCC ID: PWO460003

CT Project: TCB-p1350022

From: Daniel Park

Date: November 30, 2013

1. At the page 3 of the "Antenna Kitting" exhibits, the one column title on the left table is not correct frequency range. Please correct the spectrum range to 704-716 from 689-716 for the consistency. Also, the same matter has been found at the page 5 of the same report as well.

[Wilson – Please refer to RF Exposure\\_Antenna Kitting\\_Rev1\\_PWO460003 exhibit.](#)

2. At the 16 of the User Manual for the "Signal Booster Specification Table", the 800 MHz Downlink Maximum Power stated as 6.0, however, the RF test report was shown as 6.9dBm. Please verify and correct as necessary.

[Wilson – Please refer to User Manual\\_Rev1\\_PWO460003 exhibit.](#)

3. At the page 22 of the RF test report for "Out-of-Band Emissions", all the bands were tested for GSM, CDMA, and, WCDMA without LTE. In fact, at the section **7.5 Out-of-band emissions test procedure** in "KDB 935210 D03 Wideband Consumer Signal Booster Measurement Guidance DR04 41516" has indicated different bandwidth requirements for each technology. Also, the current FCC indicated that certain spectrum should be associated with certain technology, for instance, 700 MHz bands and AWS Band (1700/2100 MHz) for LTE, and so forth. Therefore, the test result should demonstrate the proper spectrum with right technology instead of showing all the spectrums under one technology at the time. Please clarify and provide appropriate test results based on the right combination within spectrums and technologies.

[CT – Per the KDB, page 7 section 5.3 "the ability to replicate CMRS signal types GSM, CDMA, WCDMA \(LTE is optional\) with a pseudo-random symbol pattern" - MG 12/3/13](#)

4. At the page 84 of the RF test report for "uplink inactivity", please include the measured noise level data after entered into inactive state.

[CT – Looking that the plots, counting down from -30dBm 'reference', each line is -10dBm down from that. So the final value when it is in inactive state is below the -70dBm "transmit off value". For instance for 704 - 716 MHz plot it is -90dBm which is well below the -70dBm "transmit off value" In the future we can add another marker. - MG 12/3/13](#)

Response by: Mike Graffeo & Wilson Electronics

Submitted by: Amanda Reed

Date: 1/29/14