

FCC ID: PWO460009  
IC ID: 4726A-460009  
CT Project: P1440022

From: Shawn McMillen

Date: 06/21/2014

**FCC:**

The confidentiality letters requests antenna measurements and testing data to be held confidential. Are they asking that the EMC reports be held confidential?

DW—Revised copy saved.

I see a request for an alternative warning label however I cannot find where this was resolved.

DW—Revised copy saved..

Be advised that the signal generator should not be on the table when performing EMC measurements as it may obstruct emissions. I believe I commented on this on an earlier project and the response was that future filing would insure this would be taken care of. Please address.

MG—Several projects were completed during this same time frame before this obstruction was discussed. Going forward all future projects (tested June and beyond) will have this resolved.

This is a consumer booster which will require a PBA.

??? DW ??? Roger that.

Testing of the part 15B was performed as a Class A device however this product is meant for in home use.

MG—Device was retested with Class B and 15B report has been updated accordingly.

Please indicate what carrier bandwidths were used for the LTE measurements. Carrier widths up to 20MHz can be expected.

MG—These are signal amplifiers not transmitters, and most rules are discussed in KDB 935210 DO3 v02, which allows 4.1MHz AWGN as a substitute for a LTE signal.

The conducted spurious emission limits were calculated to be -13dBm however I believe an additional 6dB is required.

MG— -13dBm will be used for conducted emissions, but we use -19dBm limit for OOB testing (300kHz or 3MHz outside of allowable band).

Also note again that conducted spurious emission <1GHz should use a 100kHz RBW.

MG— Several projects were completed during this same time frame before this was discussed. Going forward all future projects (tested June and beyond) will have this resolved.



Can't tell but is the parts list missing from the schematic Diagram & parts lists document?

DW—Customer states the parts list is on the schematic diagram..

**IC:**

The IC application package indicates that a 10MHz LTE signal is included however no carrier of that width was tested. I find the maximum carrier width tested to be 5MHz.

MG— KDB 935210 DO3 v02 allows 4.1MHz AWGN as a substitute for a LTE signal.

In the IC package the band 824-849 is missing several emission designators. I believe they should be the same as the other bands.

MG— CB750 was updated

FYI: IC only requires investigation up to 5 times the carrier frequency.

MG—thankyou, Acknowledged

CT -

Response by:

Submitted by:

Date: