



Compliance Testing, LLC

FCC ID: [PFJCLNFIA15001](#)

IC ID: [909C-CLNFIA15000](#)

CT Project: [P1310002](#)

From: [Chris Harvey – Technical Reviewer](#)

Date: [11/4/13](#)

1. . Information has been provided. But, the gain unit was not specified such as “dBi” or “dBd”. Also, the antenna gains within “Antenna App Note swru120b(+3.3 db)” and “Test Report_p1310002_FCC_Part 1.1310_Rev 1.0(2.0 dBi)” exhibits are not same. Please verify and correct as necessary

[CT – The Test Report p1310002_FCC_Part 1.310_Rev 2.0 has been corrected to reflect the 3.3 dBi gain that is listed in the Antenna App Note. On page 12 the chart vertical axis is listed as “Relative output power” and therefore is dBi.](#)

2. The 2.4GHz Zigbee radio function was not clearly described in “Theory of Operation” exhibit, for instance, operational frequencies/Range, the types of modulations, channelization, transmit powers with power tolerances, and so forth. Please provide details.

[CT – Corrected Document – Refer to revised Theory of Operation exhibit.](#)

3. At the page 4 of “Schematic” exhibit shows “Ext Antenna (SMA)” on the drawing. Please verify whether is existed on the device. If it is correct, please indicate the “Ext Antenna (SMA)” on the photo exhibit. Or, provide right schematic diagram if it is incorrect.

[CT – Attached antenna has not been implemented at this time and is reserved for a later date.](#)

Response by: Alex Macon

Submitted by: Jennifer Sanchez

Date: [11/7/13](#)