

8) Your response to previous question 14 references currents/voltages that are ratings of the device. The FCC is concerned with the DC voltages and currents applied into the several elements of the final radio frequency amplifying device for normal operation over the power range. This is typically different than the devices ratings and will likely need to come from the manufacturer. Please provide.

Final radio frequency amplifying device for normal operation over the power range that voltage is 3.4V~4.2V and current is 80mA~240mA

9) Minimum Passing Margin for power on page 5 of the Part 24 report does not appear to be stated correctly. Please review.

We corrected!

10) A response to previous question 20 does not appear to have been provided. Please provide.

This should have addressed the following issues: The plots on page 16, 19, and 22 do not appear to show a high fundamental carrier as expected (i.e. close to 29.2 dBm as specified by the tune up procedure). Note it appears that the sweep time may have been inadequate (too fast) to adequately capture the emissions. Please review/correct/or explain as necessary.

We have use notch filter to rejected channel power already. And, filter losses already include.

11) Page 22 appears to shows some other spurs of interest other than the fundamental and base station that were not reported and are higher than the reported values. Please review and/or explain as necessary..

We corrected!

12) 99% power bandwidth does not appear to be measured based upon below the transmitter power (maximum conducted power – 29.1 dBm as specified in tune up procedure). I have attached an document that helps explain this testing better. In short, the 26 dB down from the reference level should be measured....This usually gives something near 250 kHz.

We corrected and test again.

And, we found band width still near 312MHz

13) While you explained for previous question 24 the loss of cable and splitter to be 4.5 dB, it is uncertain if the cable loss and power divider loss were factored into the plots of page 45 and 46. Please explain.

This splitter loss and cable loss is 4.9dB in the transmitted path track on frequency 1.849980 GHz.

This splitter loss and cable loss is 5.0dB in the transmitted path track on frequency 1.910020 GHz.

We corrected on P46,P47