

1. Sections 8.0 of the FCC transmitter test report and IC transmitter test report both state that the transmitter was continuously transmitting during testing. Please describe exactly what you mean by this statement. Was the transmitter continuously transmitting a CW signal or was it continuously transmitting a pulsed signal or string of pulses? If pulses were used, how often did they occur? (I believe a CW signal was used because I see very little difference between maximum peak and average field strength values on the band edge plots submitted in this test report).

Response: The On-Time of normal operation is only approximately 212us once every several minutes (see Duty Cycle plots). Therefore the device was set up to transmit a continuous carrier (unmodulated) for measurement purposes.

2. For the IC receiver test report, please provide the resolution bandwidth used on the measuring instrument for radiated emission measurements below 1000 MHz.

[See updated Test Report.](#)

3. For the IC receiver test report, please provide the resolution bandwidth used on the measuring instrument for radiated emission measurements above 1000 MHz.

[See updated Test Report.](#)

4. The information provided in Section 4.0 of the FCC transmitter test report should be included in both the IC transmitter and receiver test reports. This information describes how emissions from a device are maximized. It also includes resolution bandwidth information requested in items 2 and 3 above. Please add this description to the IC test reports.

[See updated Test Report.](#)

5. Section 6.0 of the IC transmitter test report (page 7 of 33) mentions RSS-310. I believe this reference is incorrect. Please delete it or explain why it is needed.

[See updated Test Report.](#)

6. Please make the following corrections to the IC application form:

(a) Remove existing family from the type of service requested on page 1 of the application form,

[See updated RSP-100 Form.](#)

(b) Remove modular approval from the type of equipment on page 2 of the application form (This device was not tested outside an enclosure and no modular approval request letter has been submitted), and

[See updated RSP-100 Form.](#)

(c) Change both the transmitter field strength and transmitter spurious worst case emissions to peak levels which are 20 dB higher than the values currently listed on the application form (The peak levels have the same margin to the limit as the average levels because the duty cycle correction factor is 20 dB but these levels are 20 dB higher than the average values shown on the application form).

[See updated RSP-100 Form.](#)

7. Please explain the FCC logo on the equipment label. The FCC logo is used for approval under the Declaration of Conformity (DoC) procedure for the FCC but I see no portion of this device that qualifies for approval via (DoC).

Response: This device has the ability to connect to a PC through a USB connected port in order to charge the battery and for data transfer between the host PC and the device. Therefore it is a Class B PC Peripheral and needs the DOC marking label. The transmitter does not operate while connected to the PC.

8. For Your Information – I note that these test reports have two Sections 1 through 6. One of these sections appears in the body of the test report while the other section appears in the Appendix. I've never noticed this before but it makes it hard to refer to a section of the test report with a specific problem. How will you know whether I mean the body of the test report or the Appendix unless I use a page number or specify in the Appendix? It might cause less confusion when we are referring to the test report if you number the Appendix with different section numbers from those used in the body of the test report. If you want, you could add a suffix to the sections in the Appendix (e.g., sections 1a through 6a) to distinguish them from the body of the test report.

[See updated RSP-100 Form.](#)