Response to ATCB comments on Q7V-3F090012X

From letter dated March 24, 2006:

1.) Users Manual needs Pt. 15.21 statement.

Has been revised

2.) If this unit has a receiver the user manual will needs FCC Compliance Statement: for receivers and Class B digital devices.

Has been revised

3.) RF Exposure Statements: 15.247 wireless routers, access points…

Please justify using the FCC logo on the label. There must be a DoC associated with the application to place the logo on the label. If there is a DoC it must be stated in the user's manual that this is available upon request. The DoC requirements can be found in the Part 2.906.

The correct statements were added to the manual and uploaded March 29, 2006

From letter dated April 3, 2006:

1.) The label use of the FCC logo is using the wrong logo this logo on the label is not authorized for use by the FCC. If there is a DoC associated with this application then the proper logo should be used. Not the one that is currently on the label.

The corrected label exhibit has been uploaded April 6, 2006

2.) Power appears for DTS to be listed as 9.58 dBm or 9.1 mW (page 30 of report). However I am not sure the calculation used is equivalent to the far field equation. It appears 9 dB was assumed for 3m distance. Using far field equations as specified in the DTS requirements yields something different (about 11.7 dB). Please have power calculations and results corrected to show proper use of far field equations as specified by DTS guidance notes.

The amended report "R121405-05-01a.pdf" has been uploaded. The correct antenna gain from the antenna manufacturer's application note is 2.2dBi, all exposure related exhibits have been modified to reflect this.

3.) Power Spectral Density should use same far field equation.

The amended report "R121405-05-01a.pdf" has been uploaded. The correct antenna gain from the antenna manufacturer's application note is 2.2dBi, all exposure related exhibits have been modified to reflect this.

4.) Depending on the outcome of 3 above, 20 cm statement on grant, RF exposure information need correcting, and information in manual may be necessary.

The correct antenna gain from the antenna manufacturer's application note is 2.2dBi, all exposure related exhibits have been modified to reflect this.

5.) Note information suggests output power should be relatively close to 15 dBm. Power in question 3 should come relatively close or must have further review.

6.) Application missing appropriate operational description.

Has been uploaded

7.) Current RF exposure mentions 3dBi gain antenna, calculations for power show 2dBi antenna gain. They need to be consistent.

The correct antenna gain from the antenna manufacturer's application note is 2.2dBi, all exposure related exhibits have been modified to reflect this.

For 15.249 portion application

1.) Do the band edge emissions meet the Part 15.209 limits? The notes given do not seem to clarify this. Please review.

Yes, the amended report clarifies this point "R121405-05-02b.pdf".

2.) Frequency lists cites 902.271 - 927.228 MHz. Report suggests 902.571 - 927.28. Which is correct?

The correct frequency is 902.571, a letter to this effect has been uploaded.