

Response to TCB findings

Hello Donna,

We have identified these issues following our review of the application:

1. Please submit a new FCC Form 731 with the correct frequency range and power level. Also the equipment code should be DTS.

Response – new form 731 submitted.

2. Please provide a letter detailing how this module complied with the 8 points detailed in FCC Public Notice DA 00-1407. See attached.

Response – module letter submitted.

3. The user's manual must have a caution against modification of device (15.21). Please make an addition for this to the user's manual.

Response – revised manual submitted.

4. Please provide a detailed calculation (similar to 4.1.3 in the report) for the 4.4 Peak output power summation of 3 MHz steps resulting in the final value of 29.4 dBm at 2412 MHz in section 4.4.2 of the report.

Response – revised test report submitted.

5. 10% voltage variation shown in section 4.4.3 is inadequate. Please provide 85%-115% as required by 15.31(e)

Response – revised test report submitted.

6. Please provide a band-edge field strength measurement at 2483.5MHz with the devices operating in the highest channel allowed in North America in both OFDM and DSSS modes.

Response - The field strength at 2483.5 MHz when the EUT is operating at its highest channel (2462 MHz), is <38 dBuV/m (noise floor) and is > 20 dB below the maximum field strength of the in-band carrier.

7. Please provide a statement or plots documenting compliance with the 15.247(c) requirement that all out-of-band emission in any 100kHz bandwidth are 20 dB below the in-band emissions.

Response – revised test report submitted.

8. For the section 4.6 (Peak PSD) please describe the calculation performed to convert the radiated data into peak PSD results similar to section 4.1.3 of the report.

Response – revised test report submitted.

9. Please confirm what RF exposure category is being applied as the report indicates mobile (>20cm) but the corrected manual states portable (<20cm).

Response – revised manual submitted.

Best Regards,
Yunus Faziloglu
Reviewing Engineer
Curtis-Straus TCB