

Response to TCB Questions

On Pg 20 of the report, second plot has a peak that exceeds the limit at 4.81GHz frequency. Corresponding radiated emissions data on Pg 15 shows a passing margin for this frequency. Please clarify why this level reduced when maximized for final readings.

RESPONSE: The lower plot on page 20 shows a representative peak hold of TX harmonics using a 1 MHz RBW and a 10 kHz video bandwidth, in order to obtain reasonable sweep rates over the 5 to 18 GHz range. Final measurement of the harmonics is made with an average detector (10 hertz video bandwidth) which reduce the signal value by several dB. The signal being measured is continuously modulated during the compliance measurements.

Pg 43 of the report refers to battery power and shows 3.9VDC operation. Modular approval request letter states 3.6VDC as the highest voltage it can operate at. Please clarify.

RESPONSE: The test results presented on the module used specific test code that does not prevent operation outside the declared operating voltage range. The application code that is provided to the OEM user's has this functionality included and it has been tested and verified.