

Response to TCB Findings

1. Please provide better resolution internal pictures of the board. The components and traces should be clearly visible with proper lighting.

Please find updated pictures attached.

2. Please specify the label material.

The label material is as follows:

3M #7872 – Thermal transfer matte silver polyester label material

3M #350 – acrylic adhesive

3M #55 – densified Kraf liner

3. Please confirm that new DTS guidelines have been used for antenna conducted port testing.

The conducted port testing followed Option 2 Method 1 of the new DTS guidelines for the power spectral density and RMS Output power.

4. Please provide the plots for 6dB BW, RF RMS Power output and PSD tests.

For RF RMS Power output plots, see the RF exposure document supplied. Please note that, the plots in that document are all radiated measurements. The table calculates the expected power at the antenna port given the measured EIRP and assuming an antenna gain of 6.2dBi. The results for the actual conducted levels measured at the antenna port are in the test report. The results in the RF exposure are only meant to further support that total EIRP requirements are being met.

Please also see additional documents supplied for 6dB BW and PSD.

5. On pages 31 and 36 of the new report, it appears the frequencies above 1GHz have been tested with average detector only. Have peak emissions at those frequencies been checked to satisfy 15.35(b)? Please clarify. Please also supply the spectrum analyzer settings (RBW and VBW) used for QP below 1GHz and average and peak above 1GHz.

The peak emissions were all verified by the test house to satisfy 15.35(b); in fact they noted that most of the emissions showed very little difference between average and peak that were of concern. The spectrum analyzer settings for the QP testing (below 1 GHz) was done at RBW = 120kHz and a VBW of 3 MHz. The spectrum analyzer settings for the average and peak tests above 1 GHz were done with an RBW = 1MHz and a VBW of 3 MHz.