

## Questions:

Part 15.33 (a)(1) requires testing up to 10<sup>th</sup> harmonic, which is about 10GHz for this device. Please indicate whether this device was tested up to the 10<sup>th</sup> harmonic.

1. Test report – page 23/64 pdf: Please explain compliance in bands outside restricted bands. The limit outside restricted band is 20dBc for radiated and antenna conducted spurious emissions.
2. Test report – page 23/64 pdf: Please explain compliance with Part 15.35(b). Please specify the emission frequency with an estimated amplitude of 57dBuV/m. Is this at the band-edges? Is this the only emission found above 1GHz. Such estimation would be valid within no more than 1 to 2MHz away from the band-edges. Please explain or revise accordingly. For radiated spurious emissions above 960MHz, the limits in restricted bands are 74dBuV/m for peak and 54dBuV/m for Average, and for emissions outside restricted band the limit is 20dBc, which would be in this case  $117-20\text{dBc} = 97\text{dBuV/m}$  for Peak.
3. Form 731: Please list the maximum measured power level in Watt on form 731. The output power will be listed on the grant.
4. Form 731: Per FCC policy for non-channelized services, please list the lowest and highest channel available and tested for this device.
5. RF exposure – part 15.247(i): The FCC requires an MPE exhibit showing compliance with the power density limit of 1.1310. MPE estimations are acceptable for this device. Please provide such information.

## Response:

Item #1. The device was tested up to the 10th harmonic (10 GHz). No emissions were detected at 3 meters, so a calculated maximum was previously presented. Subsequent testing has been re-performed at 1 meter distance, and the results have now been included in the re-uploaded report.

Item #2. The -20dBc limit is now shown to comply with greater clarity, as per re-uploaded report.

Item #3. For clarity, this calculation has been removed from the report, and measured results are presented.

Item #4. We changed the ‘rated power’ to ‘measured power’ on the 731 Form – as re-uploaded

Item #5. We changed the allowable band rating of 902-928 MHz to the measured available channels of 902.2 MHz to 927.8 MHz on the 731 Form as re-uploaded

Item #6. We added MPE calculations to the test report, as re-uploaded.

Also as per the other email ‘Appendix I and II’ has been revised and re-uploaded as follows:

- 1.a. Item (7) and (19): the new version of RSS 210 is issue 6 September 2005 is listed
- 1.b. Item (25): completed
- 1.c. Item (26): completed
- 1.d. Item (27): completed
- 1.e. Item (29): completed

Test report has been revised with latest version of RSS 210 issue 6.