Response For RA25

1.) FYI: For the future, kindly work on improving your internal photographs. The exposure settings and angle of the camera relative to the subject make it difficult to review. May I suggest using a tripod and not attempting to photograph with a flash? Properly illuminated and diffused lighting will go a long way to improving this Exhibit.

Answer: Thank you. We will improve it in the future.

2.) You have selected the wrong 15.19 label statements. Please refer to 15.19(a)(1) and not 15.19(a)(3). The label should read: "This device complies with part 15 of the FCC Rules. Operation is subject to the condition that this device does not cause harmful interference."

Answer: We have revised and submitted.

3.) The updated Tune Up description has a statement which does not seem to make sense. "If it is 30.2dBm of channel power in Agilent 89600, attenuation will be reduced 0.5dB/step until the channel power achieves 34.7dBm." Is this correct? Do you start actually start at ~1 watt (30.2dBm) and reduce power until you find ~5 watts (34.7dBm)?

Answer: We have revised and submitted. Reduce the attenuation means increase the gain and increase the power. We also add it in the Tune-up description.

4.) Your RF Exposure exhibit (Test Report page 8) should be provided as a separate Exhibit – for clarity not placed inside the Test Report. In addition, you correctly quote the limit table as 1mw/square cm, but at the bottom of the page use 5mw/square cm. Please review and correct.

Answer: We have revised it. Please get RF Exposure in addition information.

5.) Page 9 of the Test Report talks about ERP. This is a radiated measurement. How can you connect the output of the EUT to a spectrum analyzer and get a radiated value?

Answer: We have revised and submitted.

6.) Please further identify the measured values and limits shown at the top of page 11. What is it?

Answer: We get it from the Forum of WiMAX. IEEE WiMAX16e "WiMAX Forum™ Mobile Radio Conformance Tests" (MRCT). Please refer to chapter 10.1.12 BS-12.1: BS Transmitter Relative Constellation Error

7.) Could you please provide for me the isotropic gain of the substitution antennas used in the radiated spurious emissions test?

Answer: We have submitted. Please get them on your web. The names are "VUBA9117 gain" and "HF906 Gain"