

>

>1) FCC Wrote:-

>"There is still some uncertainty about the actual power output level

>produced by this unit. While the rating is .4 W EIRP and that level

>apparently was used for the SAR measurements, your tests data (Page 18 of

>21) shows a power measurement of -23.8 dBW/4kHz. With an occupied bandwidth

>of 1.236 MHz - this adjusts to + 1.1 dBW EIRP output."

>

>Our Reply:-

>The -23.8dBW/4KHz measurements can be expressed as -23.8 + $10\log(1.23\text{MHz}/4\text{KHz}) = 1.08 \text{ dBw EIRP}$. This measurement was measured on our

>FCC approved Open Field Site and was a Peak Hold 'worst case' emission and

>may include reflections from the ground plane. Also, please note that there

>is a higher measurement uncertainty with radiated measurement method than

>with the conducted method.

>

>

>2) FCC Wrote:-

>"Also, we did not receive a measurement of occupied bandwidth as required

by

>Section 2.1049 of the Commission's R&R. Please send this test data."

>

>Our Reply:-

>Attached to this e-mail are four files. "Part 2.doc" is a word document

>explaining the testing. "Plot 1.pdf, Plot 2.Pdf and Plot 3.Pdf" are the actual result

>plots for the testing.