

November 06, 2006

Broadcom

Reference: FCC ID QDS-BRCM1020 , Elliott Reference J65136

**FCC**

Table on page 27 of 58 showing power levels for band edge measurements is missing the power level for the channel 10 g-mode measurements. The level is stated in the table on page 34, please confirm these levels were the correct levels.

**Response: Page 27 power for channel 10 G-mode. Yes the power levels tables in page 34 are the levels we tested to.**

The notes in the test report state that the powers measured during testing were the gated average power, and the 414mW on the existing grant is for peak power. Please explain how the 19dBm (80mW) maximum power measured during testing relates to the 414mW used in the filing and in the MPE calculation.

**Response: The various measurement methods for peak power can give significantly different measurements. The previous applications listed both peak and gated average power measurements. As the gated power measurement provides for a more consistent measurement, the gated measurements (Average measurements made during periods of transmission) were used to establish the output power on each channel at the same level as used for the original filing and subsequent C2PC applications.**

**The application form and MPE use the peak power measurements originally reported in the last C2PC.**

FYI - It is noted that the power level was set to 19dBm for all measurements of harmonics emissions while the measurements of band-edge emissions at 2390 MHz and 2483.5 MHz were made at the "shipping" power levels.

**Response: That is correct.**

The attestation regarding the change in frequency range needs to explain why there is no risk of the new version being operated on the old frequency band ...

**Response: A revised attestation letter has been uploaded.**