HERMON LABORATORIES

January 6, 2004

American TCB
6731 Whittier Ave
Suite C110
McLean, VA 22101
Attn: Mr. T. Johnson, Examining Engineer

RE: your e-mail dated January 5, 2004; WaveIP Ltd.
FCC ID: QQ2-GA24-RSU, ATCB000992

Dear Mr. Johnson,
Please find below the answers to your questions.

1) a) Hermon Labs is A2LA accredited laboratory, certificate number 831.01. Hermon Labs is listed by FCC (registration numbers 90623, 90624) and recognized by FCC as A2LA accredited laboratory, hence, meets FCC 47 CFR section 2.948(d) requirement. Our A2LA certificate and scope of accreditation were uploaded on January 6, 2004 via Additional Information folders;
   b) The revised User Manual with DoC was uploaded on January 6, 2004;
   c) We confirm that fully configured system was tested.

2) According to ANSI C63.4-2001, section 11.2 (d) the mouses were connected to serial, USB, mouse ports. The picture shows EUT position to maximize emissions.

3) Power measurements had been performed conducted at the RF antenna connector. Substitution method in conjunction with wideband detector were used to capture the peak RF output power - as SA, even in integration over a bandwidth mode, cannot measure the peak value due to video bandwidth limitations.

4) The **max transmit duty cycle burst of the BSU/RSU** is less than **3msec.** GigAccess™ 2.4 is point-to-multipoint broadband communication system. The basic system consists of an AU (Access Unit) and Multiple SUs/RSUs/BSUs (Subscriber Units). The system uses a Physical Layer (PHY) of 802.11b but a MAC layter of 802.16 which utilizes Time Domain Duplex (TDD) technique in order to divide the bandwidth periodically, based on FRAME SIZE of 5msec. In typical operation, the above frame size is divided to 50%- DL (for AU transmission) and 50%- UL (for all SUs transmission). The worst case will appears in point to point operation in which one SU utilize all the UL. In this case the **max transmite time of the SU/RSU** is less than **65% of the FRAME SIZE** which is **3.25msec** (not taking into account gaps of approximately 500 us)

5) The revised test report WAVRAD_FCC.15569_rev1 with corrected pages 3 and 15 was uploaded on January 6, 2004. Sorry for my mistake.

6) The peak emissions are shown in Plot A88. As you can see the peak value is about 44 dBµV/m @1.5 GHz and is more than 20 dB below the peak limit 74 dBµV/m. That's why only average value was provided in the results.

7) The revised ATCB_Form_731_15569_rev1 with corrected FCC equipment code was uploaded on January 6, 2004.

Sincerely,

Marina Cherniavsky,
certification engineer
Hermon Laboratories