



HERMON LABORATORIES

July 6, 2003

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

RE: your e-mail dated June 19, 2003; SercoNet Ltd.  
**FCC ID: QXFWAP-80211B, ATCB000519**

Dear Mr. Johnson,

Please find below the answers to your questions.

1. Please refer to the attached Flow Chart of Manufacturer calibration and adjustment procedure, which ensures proper output power level of the devices to be supplied to Serconet (also uploaded via Additional information on July 6, 2003).
2. Manufacturer performs the output power calibration at a temporary RF connector, connected to Transmit Antenna Pad which has a different RF path that is different from the original loss. Another reason for such a difference may be different measurement setup and the EUT configuration. Manufacturer measures and adjusts RF output power with a power meter when the transmitter operates at 11 Mbps data rate and maximum duty cycle of Ethernet protocol. Such a measurement may yield different results depending on a type and rate of the modulating signal and Tx duty cycle. However, the output power measurement will be repeatable from one sample to another, provided it will be performed with the same modulating signal, data rate and duty cycle.

Please refer to the results obtained in Hermon Labs as the final and the true ones.

Many thanks for your help and patience.

Sincerely,

Michael Nikishin,  
EMC group leader  
Hermon Laboratories