



HERMON LABORATORIES

June 20, 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. The new manual, "WAP_User_Guide_prelim", was uploaded on June 20, 2003 via Users Manual folder.
2. Yes, we confirm, that all spurious emissions were measured with 1 Mbps transfer data rate as the worst case (maximum spectral density). Revised test report SERRAD_FCC.15519_rev1 with corrected pages 76-154 was uploaded on June 20, 2003 via Test Report folder.

3. Peak power spectral density was measured according to procedure No.3 on page 26243 per Rules and Regulations of Federal Register, vol.62, No.92, dated May 13, 1997 - as the spectrum lines were not resolved when measured with 3 kHz RBW. Table of the test report section 4.6 and plots A25 to A36 show data measured with marker noise function (spectral power density over 1 Hz) and integrated over 3 kHz (34.77 dB correction).

Peak power spectral density was also measured following procedure No.1 of Rules and Regulations (refer to attached plots and tables in SERRAD_FCC.15519_att) at the lowest frequency with different data rates (plots 1-4) and at the mid and high frequencies with 2 Mbps (plots 5, 6).

Test results according to procedure No.3 of Rules and Regulations was brought in test report as the measurement conditions fully satisfy test requirements, spectral lines were not resolved.

The document "SERRAD_FCC.15519_att" was uploaded on June 20, 2003 via Test Report folder

Please, advise also regarding the future tests, which procedure shall we use.

4. Modifications performed on the WAP-OU configuration for achieving compliance:
reduction of the transmit power level of the RT230W-D58 wireless LAN Ethernet card, being installed in the Wireless Access Point (WAP) Unit, by 2 dB, that is to say, from 14 dBm (being the primary power level, as delivered to SercoNet initially by the manufacturer, Askey Computer Corp.) to 12 dBm. The transmit power level is determined by a Firmware that is embedded in the RT230W-D58 card shipped from Askey Computer Corp. to SercoNet.

Many thanks for your help and patience.

Sincerely,

Marina Cherniavsky,
certification engineer
Hermon Laboratories