



HERMON LABORATORIES

November 20, 2006

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

RE: your e-mail dated November 14, 2006; Mobile Access Networks Ltd.  
**FCC ID:OJFMA850C, ATCB004236**

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

- 1) The corrected confidentiality letter, file "Confidentiality\_letter\_17196\_rev1" was uploaded on November 20, 2006 via Additional Information folder.
- 2) For Tx board photo please refer to photos No.3, 4 of Internal\_photos\_17196.
- 3) The 802.11a ports were factory coved as shown in External\_photos\_17196\_rev1, uploaded on November 20, 2006.
- 4) The corrected "User\_manual\_17196\_rev1" was uploaded on November 20, 2006.
- 5) The MA850 and access point gains were set to maximum during all the tests.
- 6) PSD option 2 was used and according to "New DTS guidance 2004":  
Locate and zoom in on emission peak(s) within the passband.  
·Set RBW = 3 kHz.  
·Set VBW > 9 kHz.  
·Set Sweep time to Automatic  
·Use a peak detector. A sample detector mode can be used only if the following can be achieved with automatic sweep time and adjusting the bin width.
  - 1) Bin width (i.e., span/number of points in spectrum display) < 0.5 RBW.
  - 2) The transmission pulse or sequence of pulses remains at **maximum transmit power throughout each of the 100 sweeps** of averaging and that the interval between pulses is not included in any of the sweeps (e.g., 100 sweeps should occur during one transmission, or each sweep gated to occur during a transmission).
- 7) The applicant confirms that the device is not a PC peripheral because the Ethernet port is not intended to be connected directly to computer throughout operation. The PC is used only for initial configuration.
- 8) Mobile Access confirms that the labels will be placed on the access points themselves and the previous FCC ID's on them will be removed.
- 9) OK, thank you.

Sincerely,

Marina Cherniavsky,  
certification engineer  
Hermon Laboratories