



HERMON LABORATORIES

April 27, 2006

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

RE: your e-mail dated April 20, 2006; Mobile Access Networks Ltd.  
**FCC ID:OJFMA1K-IDEN-SMR, ATCB003226**

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

**Mobile Access states:**

- 1) The input the RIU/BTSC is between 10-36 dBm the output is always -20 dBm to the BU. This is the max power to the BU and the max output power from the RHU, the measurements done with -20 dBm to the BU and the max output power from the RHU as FCC limitation. Please see the block diagram, file "MA\_1000\_System\_Block\_Diagram\_16224-1" uploaded on April 27, 2006 via Block Diagram folder.
- 2) The output power in ATCB 731 Form is 209 mW, the output power for 900 MHz in the data sheet is 20 dBm, iDEN 800 Nextel is for Nextel only, they ask from MobileAccess to limit the output power at the data sheet only iDEN 800 and SMR800 is the same RHU and the same output power. The iDEN/SMR RHU limitation is 20 dBm at 800 MHz. SMR900 in the 731 form is 83 mW= to 19.2 dBm, our limitation is 20 dBm.
- 3) We always did MPE calculation, we never test it, and Hermon LAB never test it, we are not sure why do we need to test MPE (RF exposure). We just got grant for cell/pcs with calculation only and not measurements.
- 4) The antenna gain is 10dBi and not dBd, the revised file "User\_Guide\_16224-1\_rev1" was uploaded on April 27, 2006 via Users Manual folder.
- 5) Hermon LAB tested and measured the IDEN modulation with 25 kHz channel spacing, iDEN modulation is 25kHz. Please see the file from Agilent web site, "Agilent\_file\_5989-0467EN", uploaded via Advertising Literature folder on April 27, 2006.
- 6) Thank you
- 7) The corrected ATCB\_Form\_731\_16224-1\_rev1 was uploaded on April 27, 2006.
- 8) **MobileAccess is confirmed and understands responsibilities under FCC part 90, 90.219 section.**
- 9) Thank you.

Sincerely,

Marina Cherniavsky,  
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Hermon Laboratories  
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