HERMON LABORATORIES

April 18, 2006

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

RE: your e-mail dated April 4, 2006; Mobile Access Networks Ltd.
FCC ID:OJFMA2K-IDEN-SMR, ATCB003236

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

1) The corrected label, file Label_Location_16224-2_rev1 was uploaded on April 18, 2006.
2) The Mobile Access confirms that each RHU bears the appropriate label and MA2000 bears the label, shown in "Label_location_16224-2" file.
3) The new tune up procedure, file "Tune up procedure_16224-2_rev1" was uploaded on April 18, 2006 via Parts list-Tune up procedure folder.
4) The test report section 7.1 was corrected and referenced also to FCC part 90 section 90.219. The corrected test report MOBRAD_FCC.16224-2_rev1 was uploaded on April 18, 2006.
5) The revised "Operational_description_16224-2_rev1" was uploaded on April 18, 2006 via Operational Description folder.
6) The iDEN frequency band is 851 – 869 MHz. The revised "Operational_description_16224-2_rev1" was uploaded on April 18, 2006 via Operational Description folder.
7) The 32 kHz BW was supplied to the input of MA2000 which is a repeater and verified that the output shape looks similar to the input.
8) The test report Table 7.3.2 was corrected, refer to MOBRAD_FCC.16224-2_rev1.
9) The testing was done according to current version of 47CFR part 90:2004 in January-April 2005, hence, Mask G was used for 851-866 MHz and Mask H for 866-869 MHz. Please advise if the present results may be used taking into account that the EUT is a repeater and generally the comparison of input vs output mask is required.
10) The 12.5kHz / 1kHz modulating signal was used for OBW
the 5kHz / 1kHz modulating signal was used for mask G
the 2.5kHz /1 kHz modulating signal was used for mask J
the 2.5 kHz / 1kHz is the permissible signal for SMR and it complies with mask J (stricter than mask G), so 5kHz / 1kHz was chosen to show that wider signal complies with lighter mask.
11) Thank you.
12) The output power measured was at peak power. In a normal working order Mobile Access's system controls the output power so it meets the Data Sheet specs. And not exceeds them.

13) For all tests the composite 10 dBm input power was verified and supplied to Radio Interface Unit.

14) The RF exposure information was corrected, the revised file “RF_env_evaluation_16224-1_rev1” was uploaded on April 18, 2006.

15) The test report MOBRAD_FCC.16224-2_rev1 was corrected: instead of mistakenly used plot 7.4.13 the correct one was inserted and Table 7.4.2, page 44, was also corrected.

16) The found emission is the emission @5.25 GHz, classified as the digital part emission measured in stand-by mode and included in Table 8.1.2, Table 8.1.3.

17) There is no change in the frequencies going trough the system in any way, Mobile Access do not manipulate the frequencies or shift them.

18) All the measured Rx emissions were found below specified limits as shown in Table 8.1.2, Table 8.1.3 and Table 8.2.1 of the test report.

19) This intentional radiator was tested according to FCC part 90. The digital part was verified according to FCC part 15 subpart B.

20) All AC conducted emissions were found at least 20 dB below the specified limit as shown in the plots and provided in Table 8.3.2.

Sincerely,

Marina Cherniavsky,
certification engineer
Hermon Laboratories