



HERMON LABORATORIES

February 13, 2006

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

RE: your e-mail dated February 4, 2006; Miltel Communications Ltd.  
**FCC ID:MLLGL2RPT150, ATCB003053**

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

- 1) The device was tested as a stand-alone device. The FCC ID's of the transmitters that are part of the same system, were provided only in order to comply with the FCC requirement to publish this information.
- 2) The applicant, Miltel Communications Ltd., confirms that the repeater device demodulates the received signal and creates a new message that is then transmitted again as an FSK signal. The repeater includes two independent blocks: (i) a receiver module; and, (ii) a transmitter module. The receiver module "waits" for messages transmitted by end units, demodulates these incoming messages and then transfers the message(data) to the processor for analysis. The recognized messages are then retransmitted by the transmitter module. The link between the reception module and the transmission module is not an automatic hardware link, and every message is demodulated and then after processing transmitted again. This is done by the repeater's internal processor that analyzes each valid message received by the receiver module and after adding information to the message, the repeater's processor sends a command to the transmitter module to transmit a new message (within a certain pre-defined delay).
- 3) The files "RF\_Env\_evaluation\_16691" and "User\_Manual\_16691\_rev1" (corrected page 7) were uploaded on February 13, 2006.

Thank you.

Sincerely,

Marina Cherniavsky,  
certification engineer  
Hermon Laboratories