

10 March 2009

American TCB  
6731 Whittier Avenue  
McLean VA 22101

RE: Micro-Trak Systems Inc  
Response to 2-27-09 Comments

FCC ID: WZ8 -WT-001

In response to your comments on the above submittal from 2-27-09.

1. ATCB Comments: I notice you used the user manual for the operational description. Please have your client provide an operational description that describes the scheme used to talk with the receiver such as FSK and what data is sent when each button is pushed and what is achieved by pushing the buttons.

**RESPONSE: New exhibit has been uploaded. I did verify with the client that they do not wish to keep this confidential.**

2. ATCB Comments: In the test report there is no plots of the data that is sent when the buttons are pushed. Such as a plot of what is sent when the Blast button is pushed. Please provide.

**RESPONSE: Here is the response from the client:**

**From:** Bob Horning [<mailto:bhorning@micro-trak.com>]  
**Sent:** Monday, March 09, 2009 10:53 AM  
**To:** Rupp, Susan  
**Cc:** Tim Smith  
**Subject:** RE: Review comments

Sue,

We are using RF transmitter and receiver modules and Holtek encoder/decoder modules from Linx Technologies. There are no "plots" in their data sheets. We are not RF designers, all I know is that the data is sent in a Carrier Present/Carrier Absent format per the Linx Data sheets and per FCC CFR47 part 15.231, and that the data sent comprises a 10-bit address and an 8-bit data byte where the ON/OFF status of each of the five switches is represented by the 1/0 status of bits 0-5 (after the address and data is decoded by the Holtek decoder chip). This is a simple system where either a button is pushed or it isn't. Perhaps the reviewer is worried about the connotations of the word "BLAST" on one of the pushbuttons. "BLAST" in this context doesn't mean we are blowing something up; It is a term used in de-icing systems for highways, and it simply means that when the BLAST button is pushed, the system applies a larger dose of de-icing solution for a pre-programmed time, for instance at an intersection or when crossing a bridge deck.

3. ATCB Comments:  
Please let us know if anything further is required.

*Susan L Rupp*

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