



American Telecommunications Certification Body Inc.
6731 Whittier Ave, McLean, VA 22101

November 16, 2005

RE: Telematics Wireless Ltd.

FCC ID: NTAXMETER30

After a review of the submitted information, I have a few comments on the above referenced Application.

- 1) The frequencies on the block diagram are given as 905.43 – 923.54, while the 731 cites 905.45 – 923.55. The tables in the operational description cite 905.4 – 923.5. Which is correct? Please correct as necessary.
- 2) FYI....The output powers given in the operational description mention 17 dBm (FSK) and 22 dBm (PSK) without antennas. Power measurements were very close to this (conducted power calculated from radiated measurements). However on page 6 of the report these values are reported as EIRP which is not technically correct. Please consider adjusting.
- 3) Information regarding worse case duty transmission in actual use should be clarified in the operational description. It is uncertain if the factors used are considered worse case in the report. Currently the periods are only listed as programmable. Please correct.
- 4) Data on page 25 needs clarification. Measurements for average would need to be performed with ≥ 1 kHz VBW. Please clarify the RBW and VBW setting used for both peak and average measurements on this page. Additionally, one column is labeled as an Average factor, but this doesn't appear correct but instead a measured column. Note that if ≥ 1 kHz VBW was not used, simple correction of the duty cycle will likely be sufficient. Please review/correct as necessary.
- 5) A few of the plots on pages 40 suggest possible high emissions above the fundamental and below 1 GHz. Plots/data for 928 – 1000 MHz should be evaluated carefully to ensure compliance with the restricted band 960 – 1240 MHz and provided if necessary.

Timothy R. Johnson
Examining Engineer

[mailto: tjohnson@AmericanTCB.com](mailto:tjohnson@AmericanTCB.com)

The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information may result in application termination. Correspondence should be considered part of the permanent submission and may be viewed from the Internet after a Grant of Equipment Authorization is issued.

Please do not respond to this correspondence using the email reply button. In order for your response to be processed expeditiously, you must submit your documents through the AmericanTCB.com website. Also, please note that partial responses increase processing time and should not be submitted.

Any questions about the content of this correspondence should be directed to the sender.