



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

August 13, 2005

RE: Telematics Wireless Ltd.

FCC ID: NTAFP300RA

I have a few comments on the above referenced Application.

- 1) One part of the operational description mentions up to 32 dBm, while another document and measurements mention up to 31.2 dBm. Please explain.
- 2) Please explain compliance to 90.205(r) in the new version of Part 90.
- 3) Please explain if the parts list or tune up procedure should also be considered confidential. If so, please update the confidentiality letter.
- 4) The users manual contains information on page 2 regarding 20 cm spacing which implies this device is considered as a mobile device. However given the power output, antenna information, previous similar applications, and other information given in this application this will be considered a fixed device. Generally fixed devices are defines as a 2 meter separation distance. Please adjust the RF exposure information on page 2 to be more applicable.
- 5) Please explain the RF filters mentioned in the users manual page 7of 38. It is unsure why these are necessary for ISM bands. How do you install. Please provide further information as necessary.
- 6) It appears that a ferrite core(s) may be necessary on some cables. Please note that the FCC expects the ferrites to already be placed on the cables provided to the user in a permanent manner (i.e. molded). The FCC does not want the burden of compliance to rest with the user. Installation of ferrites is typically only allowed for professional installers and not end users. Please note that the manufacturer will be responsible for providing these cables or information regarding justification of professional installation must be provided (i.e. cover letter addressing several aspects of professional installation).
- 7) Given the schematic, the justification given in 6.1 does not seem valid. It appears the main and aux all go through the same multiplexer. Please review.
- 8) Since this device is subject to RF evaluation at the time of licensing, a detailed evaluation of the RF exposure measurements provided has not been performed.

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.