



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

January 20, 2004

RE: Telematics Wireless Ltd.

FCC ID: NTAFP100RA

I have a few comments on the above referenced Application.

General Requirements

- 1) The block diagram for the systems shows an ethernet connector. However the device does not appear to contain this. Please explain.
- 2) Please provide DC voltages/currents applied into the several elements of the final radio frequency amplifying device for normal operation over the power range.
- 3) Please provide a description of all circuitry and devices provided for determining and stabilizing frequency, for suppression of spurious radiation, for limiting modulation, and for limiting power.

Part 90 Requirements

- 4) The FCC specified ERP limits for power. Since the power was measured conducted, please provide information regarding the antennas to be used with this device.

Part 15 requirements

- 5) While the configuration used was acceptable for Part 90, for testing of the digital device and receiver emissions, the device does not appear to be configured according to ANSI C63.4 and Part 15. The devices should be positioned on the back edge of the table with 10 cm spacing. Additionally antennas should be connected to the device if available, and appropriate cable lengths. It is assumed due to the use of this device that the antennas will not be necessarily located near the device. If appropriate cable lengths can not be determined, a minimum 1 meter cable should be provided (including the TX port). If the actual antennas are not connected, then a length of cable at least a minimum of 1 meter with 50 Ohm terms should be used. Additionally, if actual antennas are not used, then additional test data to show compliance to 15.111 must be provided.
- 6) Please explain compliance to 15.33(b)(3) for the receiver since it appears these emissions were only investigated up to 2 GHz. Note that Part covers receivers from 30 MHz - 960 MHz.
- 7) Test data and test configuration photographs covering the conducted emissions requirements of Part 15 do not appear to have been provided.

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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.