



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

April 25, 2003

RE: Tadiran Telematics Ltd.

FCC ID: NTAMMR3

I have a few comments on the above referenced Application.

- 1) The test report states that the device operates from 905-924 MHz. The 731 form states 905-924 MHz while the block diagram & operational description show 904-925 MHz. According to the frequency list it appears the device operates from 905.6002 - 923.1750. Please explain and provide corrected exhibits where applicable.
- 2) The test report states that the receiver is programmable in the range 905-924. However, the receiver must meet the requirements of 15.247(a)(1)/2.1033(a)(10). Please explain how the receivers have input bandwidths that match the hopping channel bandwidths of their corresponding transmitters and shall shift frequencies in synchronization with the transmitted signals.
- 3) It is not certain which side of the transmitter the label appears on and if it is visible to the user upon purchase. Please provide more information to show compliance with 2.925(d).
- 4) Information within the application states that the device is professionally installed. Therefore please provide a cover letter addressing the justification for professional installation in order to comply with the provisions of 15.203. The letter should cover the following 3 items:
 - a) Marketing
The device cannot be sold retail, to the general public or by mail order. It must be sold to dealers.
 - b) Requires professional installation;
 - installation must be controlled.
 - installed by licensed professionals (EUT sold to dealer who hire installers)
 - installation requires special training (special programming, access to keypad, field strength measurements made, etc.). What is unique, sophisticated, complex, or specialized about your equipment which REQUIRES it to be installed by a professional installer?
 - c) Application
-The intended use is generally not for the general public. It is generally for industry/commercial use.
- 5) For power measurements given in section 4.4 of the test report, the settings should be made with $VBW > RBW > 20$ dB bandwidth of the emissions. Please provide new power output data using these settings. Typically this test is performed with $RBW = VBW = 1$ MHz.
- 6) The operational description states the antenna is a maximum of +6 dBi. The antenna description exhibit provided is from the manufacturer and lists multiple antennas, antenna types, with and without ground plane options, etc. It is uncertain which antenna(s) are to be used and approved with this device. Please provide a list of the actual antenna(s) are to be approved for use with this device. Note that the FCC expects the highest gain of each type to have been tested.
- 7) A sample list of hopping frequencies was provided. Please explain if this is the only hopping list used or if the device may use one of several different sequences. If multiple sequences may be used, please provide information regarding how the tables are generated.

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- 8) Please provide information regarding compliance with 15.247(f) & (g).
- 9) Please explain if this unit is intended to be connected to a computer. If not, please explain its intended use and applications.



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.