



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

January 16, 2003

RE: Tadiran Telematics Ltd.

FCC ID: NTAMMR2

I have a few comments on the above referenced Application.

- 1) The test report states that the receiver is programmable from 905-924 MHz. The 731 form states 905-925 MHz. Please explain.
- 2) The test report states that the receiver is programmable, yet the device appears to be a scanning RX. Please explain.
- 3) Since the unit contains an RS232 output it is considered to be a composite device subject to both the requirements of a PC Peripheral & scanning RX requirements? Please explain if this device is subject to certification or DoC (if considered a Class B PC Peripheral) or verification (for other intended uses) for purposes as a PC Peripheral. For purposes of testing a PC Peripheral, the device should be configured using a minimum configuration as specified by ANSI C63.4 (host PC, keyboard, display, and 2 types of I/O devices). NOTE: For the NTAMMR1, it was additionally certified as a PC peripheral, however due to its use, the test configuration consisted only of a pocket PC. Please comment. See copy of grant attached as a separate file.
- 4) Before we can complete our review, we will need a few more Exhibits uploaded to our website. Please provide the following (as separate exhibits):
  - External Photographs of final assembled product in its case
  - Labeling Information (drawing or photograph showing placement on device)
  - Operational Description (Short description of the function of the device)
  - Schematics
  - Users Manual (The manual should include appropriate Part 15 statements)
- 5) Information given in the submittal states that this device is a scanning receiver. Please provide information that explains compliance with 15.121. Note that this also includes a special test to show compliance with 15.121(b).
- 6) Please address the additional labeling information required by 15.121(f).
- 7) Please provide additional photographs should be taken in order to show the area beneath the shields.
- 8) Please provide photographs and description (gain, manufacturer, connector, etc.) of the antenna for use with the device/board.
- 9) The entire test report was uploaded as confidential. Please note that the test report may not be held confidential. Only items that are considered proprietary (i.e. schematics, etc) may be held as confidential. Please adjust the test report by removing material considered as confidential and upload the revised report.
- 10) The conducted emissions state that the device was tested at 110 V / 50 Hz. The FCC requires devices to be tested at 60 Hz. Please provide data measured at powering the device at the proper frequency. It is also recommended that the conducted emissions meet the future limits (CISPR) that will be required in the next few years. This is because the grant will be issued with one of the following grant notes depending on which set of limits it is shown to have met. Please review and provide new test results if desired:

Current Limits

NOTE: The manufacture and importation of this device must cease on July 10, 2005 pursuant to 15.37(j) or 18.123 transition provisions adopted under FCC 02-157 (ET Docket 98-80).

Future Limits (CISPR)

NOTE: This device has shown compliance with the conducted emissions limits in 15.107, 15.207, or 18.307 adopted under FCC 02-157 (ET Docket 98-80) and may be marketed after July 11, 2005 and is not affected by the 15.37(j) or 18.123 transition provisions.

- 11) FYI, Please provide separate exhibits in the future for Block Diagram, External Photographs, Internal Photographs, Label Location, Operational Description, Test Photographs, and Users Manual. We are required to upload each of

these items to the FCC as a separate exhibit. Additionally, by having them separated, the review process is much quicker and easier to perform.

- 12) Please explain why all final radiated measurements appear to be made at the same azimuth (see data tables). The device should be rotated about 360 degrees in order to obtain worse case.



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.