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

October 9, 2002

RE: Tadiran Telematics Ltd.

FCC ID: NTAXMETER3

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

1) Please provide an external photograph or drawing showing the placement of the label as required per 2.1033 (b)(7).
2) Please provide actual users manual pages regarding the installation conditions referenced. Preliminary pages will be accepted if final pages are not available. Also please provide manual pages for the metal adhesive sticker and the adhesive used for this.
3) The test data for the fundamental states that the measurement antenna was in the vertical polarization. Was horizontal polarity checked for each of three types of covers (plastic, metal, concrete) to ensure the worse case was always vertical?
4) Please add a cover letter that explains the purpose of performing these tests in a minimum of 3 typical installation environments instead of on an OAT's site. This cover letter should also state that the testing at each of these installations was found to be in compliance with Part 15 regulations.
5) The PRF was > 20 Hz (1/0.046 = 21.7), therefore QP measurements are considered acceptable according to 15.35. Please provide a plot showing the pulse repetition of the device used during testing.
6) Information given on page 6 of 11 of the Operational Description states that the EUT's transmission rate is programmable. Please explain the intended duty cycle of the device once it is actually in use. Is the pulse repetition period always expected to be greater than or equal to 46 msec?
7) The fundamental was tested both with and without the adhesive sticker applied to the device. However only one set of data was given for the harmonics results. Please clarify whether the sticker was present or not for the harmonics testing given on page 11 of 43? Also, please provide data for other configuration as the coupling affect of this sticker may not cause the same reaction at the harmonics as it did for the fundamental.
8) The duty cycle Average factor given on page 11 of 43 was -9.58. Given that the duty cycle was 11.95%, the data should have been corrected by 20 log (0.1195) = -18.4 dB. Please correct the affected portions of the test report.

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Examining Engineer

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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.