



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

June 16, 2003

RE: Tadiran Telematics Ltd.

FCC ID: NTAXMETER7

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

- 1) There appears to be a cable attached to J1 in the internal photograph, but there does not appear to be an antenna. Please provide a photograph that shows the antenna.
- 2) Please note that the FCC no longer desires that the safe distance for mobile devices be calculated in the RF exposure exhibit if the safe distance is < 20 cm, but instead prefers the power density results to be calculated and compared to the power density limit. Please provide an updated RF exposure exhibit.
- 3) The power spectral density test on page 48 of 65 does not use the appropriate settings. This test requires the following settings (VBW = 3 kHz, VBW > RBW, sweep = SPAN / 3 kHz). Given the span used, the sweep time should have been 100 seconds. Please provide new plots for this test.
- 4) Duty cycle correction is used for average measurements. Information given on page 6 of 11 of the Operational Description states that the EUT's transmission rate is programmable but a minimum of 10 seconds between transmissions. Please confirm that the worst case duty cycle is approximately 5.5 msec of transmission every 10 seconds

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.