



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

January 8, 2003

RE: Electronic Tracking Systems, L.L.C.

FCC ID: NBI-MTAG216A1

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

- 1) Two files provided under the correspondence exhibits (Exhibits J, LOCPDF and Exhibits K, LOAPDF) are empty files. It is assumed that this is the agency agreement and confidentiality Letter. Please provide new uploads for these exhibits.
- 2) Please provide the following exhibits:
 - a) Tune up procedure over power range. Internal photographs seem to show variable inductors/capacitors, etc. Therefore the manufacturer should explain how all adjustable components are set during the manufacture process to ensure that the device has the proper frequency, output power, etc to meet FCC regulations.
- 3) There is no emission designator description provided with this application as required by CFR 2.1033(c)(4). Please see 2.202 for examples and instructions. Please provide sample calculations for the necessary bandwidth provided for the emissions designator of 180HA1D.
- 4) Previous emissions designators for Electronics Tracking Systems show AXN, while the one provided for this application is A1D. Please justify the emissions designator code to use.
- 5) The test report seems to present test data following typical radiated methods such as ANSI C63.4. Please note that when the limits are given as ERP and in dBc (40 + 10 log P) then the device should be tested following substitution methods specified in EIA/TIA 603. Please reference email interpretation from Frank Coperich that defined this policy.
- 6) The temperature stability presented in the test report does not appear to allow the device a sufficient time time to stabilize all of the components at the measured temperature prior to making the measurement as required by 2.1057(b) and as stated on page 6 of the test report. Soak times of 1-2 hours are usually considered typical. Please note that the device should be powered off between each test cycle as well.

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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.