



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

December 16, 2002

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) The grantee code NBI is listed as Spectrum Tracking Systems, Inc. of Dallas TX, but the 731 submitted shows Electronic Tracking Systems of Carrollton TX. Please explain.
- 2) 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.
- 3) The FCC Label should be proceeded by "FCC ID:" not "FCCID". Please correct the labeling information.
- 4) Please provide the following exhibits:
  - a) Operational description
  - b) Tune up procedure over power range
  - c) Description of all circuitry and devices provided for determining and stabilizing frequency, for suppression of spurious radiation, for limiting modulation, and for limiting power.
  - d) detailed description of the modulation system to be used
- 5) Please provide emissions designator information (2.201/2.202).
- 6) 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.
- 7) The temperature stability presented in the test report does not appear to allow the device a sufficient 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.

A handwritten signature in black ink, appearing to read "Timothy R. Johnson".

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.