



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

March 19, 2003

RE: Microwave Data Systems, Inc.

FCC ID: E5MDS-LEDR700S

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

- 1) The frequency range given in the tune up procedure does not appear to match the 731/operational description and other documentation given in this application. Please explain.
- 2) The antenna conducted spurious emissions test appears to use an attenuator rated to 1.8 GHz only. The frequency range of this test extends beyond the frequency range for the attenuator used. Please provide information regarding the characteristics of the attenuator above 1.8 GHz.
- 3) Please provide information regarding the DC voltages/currents applied into the several elements of the final radio frequency amplifying device for normal operation over the power range.
- 4) Please provide information regarding the description of all circuitry and devices provided for determining and stabilizing frequency, for suppression of spurious radiation, for limiting modulation, and for limiting power.

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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.