



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

August 12, 2003

RE: Leapfrog
FCC ID: QDX2025001

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

- 1) The C31 proposed in the letter and schematics does not appear to be seen in the photographs provided. Please explain.
- 2) The additional proposed changes appear on a separate antenna board. Please provide top/bottom photographs of this board as necessary to show any changes.
- 3) The confidentiality letter lists schematics, operational description, and block diagram. Only schematics were provided with this application. Please provide a corrected confidentiality letter.
- 4) Most of the antennas listed in the test report appear to be on a one year calibration cycle, however the Biconical antenna appears to be on a 2 year. Please comment.
- 5) The calculated extrapolation factor for correcting from 10 meter to 30 meter as given near the bottom of page 5 of 6 does not match those given above. Note that the calculations appear correct. Please correct the description above the bottom table.
- 6) The harmonic corrected level in the table appears that is should have been $16.2 + 20 \log (10/30) = 6.7$ dBuV/m according to the information provided. Please comment.
- 7) Please comment on the test distance used for measurements above 30 MHz.

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.