



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

June 26, 2003

RE: Akerstroms Bjorbo AB

FCC ID: OG4-CU96

I have a few comments on the above referenced Application.

- 1) It does not appear that the file specified for previous question 8) was provided (we were expecting a new schematic of the basic device (not the TX) to be uploaded that included values of components).
- 2) The sidelobes shown in the occupied bandwidth plot appear to occur at a 1.7 - 1.8 kHz which does match what is reported in the occupied bandwidth calculations. However this does not appear to match the maximum data rate information presented for the same module used in OG4-MC96 or the data sheet that we found that appears to be for the TX module used (see 3 below). This data sheet specifies a maximum baud rate of 4800 (2.4 kHz modulation frequency) for this bandwidth. Is it possible the modulation frequency was not properly adjusted to the maximum per the tune-up procedure? Please justify the emissions designator values used. Additionally, please note that the emission designator reported in section 12 of the report should match the value reported on page 3. Please explain and correct the calculation/report as necessary.
- 3) We found data sheets from Ultracom that appear to be for this TX. Please confirm if this data sheet is correct. If this is not the correct data sheet, please provide one (note that we were unaware during the first review that this was an OEM module). Additionally, please notice that the data sheet specifies 10-50 mW, 400 mW, and 1 Watt versions, although this version appears to be 100 mW.
- 4) This TX module appears to have the capability of adjustments through 3 provided holes in its cover. However a tune-up procedure regarding this device has not been provided.

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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.