



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

June 6, 2003

RE: Akerstroms Bjorbo AB

FCC ID: OG4-BC85

I have a few comments on the above referenced Application.

- 1) The FCC Label shows "FCC-ID: OG4-BC85". Note that a dash should not be placed between the words FCC and ID. Please correct to "FCC ID: OG4-BC85".
- 2) The internal photographs show a 433 MHz Transmitter module, while the test report shows 434.648 MHz. Please explain. Additionally it is not certain the actual transmit frequencies that this device will be capable of transmitting on. Please provide further information regarding actual transmit frequencies.
- 3) If this device transmits on multiple frequencies, it is not certain if there are any changes to components of the device or to the RF module. If different RF modules are used, what are the differences between these modules? Note that if there are several modules used to cover the 421-512 Frequency range, an investigation should be performed to determine how the test results vary depending on the module used.
- 4) Please provide data sheets on the RF module(s) to be used in this device.
- 5) The confidentiality letter requests confidentiality on the Technical Description. However the operational description provided appears only to be a sales brochure and therefore not considered as confidential. Please remove the technical description from the confidentiality letter.
- 6) Please provide:
  - a) DC voltages & /currents applied into the several elements of the final radio frequency amplifying device for normal operation over the power range
  - 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.
- 7) FYI, even though this device meets the requirements of 90.217, it is still required for the end user to obtain a license to use it. It is recommended that the users manual contain information such as " The equipment user is required by the radio service rules to obtain a license before operating the equipment".
- 8) FYI, the test report should reference the most recent published version of Part 2/90, for example October, 2002.
- 9) FYI, the receiver portion of this system is subject to Part 15 Certification or DoC requirements. The users manual did not appear to contain any of the appropriate information necessary for the Receiver approval.

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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.