

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

October 25, 2001

RE: Control Chief
FCC ID: CBT-3SPDT1-450

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

- 1) The Grantee Code "CBT" does not match the Applicant listed on the 731 Form (Control Chief). A search of the FCC web site yielded that the Grantee Code should be "CBF". Also, throughout most of the documentation provided the FCC ID was listed as CBT3SPDT1-450. However, on the 731 form provided, the FCC ID was listed with an additional dash as CBT-3SPDT1-450. Please correct the FCC ID as appropriate in all affected documents (cover letters, test report, labeling, etc.).
- 2) The frequency stability vs. temperature graph on page 14 was incomplete toward the bottom and is not readable. There may have been a problem when converted to pdf format. Also, please remove the reference in Section 1.0 of the test report to part 15 Certification. Please correct these pages and upload again.
- 3) The Occupied Bandwidth plot on page 8 of the test report requires a 100 Hz RBW setting, with the VBW set to approximately 10 times the RBW setting. Please provide a new plot using the correct settings.
- 4) The power listed on the 731 should match the maximum power measured. The test report shows 11mW. You may wish to correct the measurement for any cable loss not taken into consideration in the test report.
- 5) Please submit exhibits for the internal or external photographs of the unit per 2.1033(c) (12).
- 6) The operational description provided is only a brief list of specifications. The operational description should also provide information such as : A description of how the unit functions and is used, a clear indication as to whether this device is a transceiver or a transmit only device, and how the device it is held during use. It is also desirable to include a list of transmit frequencies the EUT uses.
- 7) Please provide more information regarding the antenna such as the gain, the proximity within the device, and how the device is held during use. Each of these factors must be considered since they affect the RF exposure levels.
- 8) The manual does not address RF exposure issues. The specific wording that will need to be added to the manual will vary depending on the specific information provided regarding the antenna and how the unit is held during use. I can provide the appropriate statements to you once you have supplied the requested information for item 7).
- 9) Per 2.1033 (c) (8) & (9), please provide a tune up procedure exhibit and an exhibit showing the DC voltages and currents into the final stage of the amplifier.



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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.