



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

August 13, 2003

RE: Icom Incorporated

FCC ID: AFJ236801

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

General/EMC

- 1) The External photograph does not appear to have been provided. The file uploaded as external photographs was entitled "FR40001-Tuning Procedure". Please provide external photographs
- 2) The schematics only list reference designators. The FCC requires that the schematics actually contain values. Please provide schematics that include the component values.
- 3) The test report page 9 states that the device was tested at the lowest, near middle, and highest channels (400.10, 415.50, 429.90). However the tune up procedure appears to suggest that the lowest channel is 400.0750 and the highest channel is 429.9250. Please explain.
- 4) Section 6.7 of the report references 90.242(b)(8) which is for the travelers information service. Additionally, the plot & data contained in section 6.7.5 actually show failing data at 3.0 and 3.5 kHz. The limit and section 90.242 of the rules do not appear relevant to this device. Please explain and/or adjust the report.
- 5) Specifications in the users manual mention 3 frequency bands (400-430, 430-450, & 450-480 MHz), while the application only appears to cover one of these ranges. Please explain.
- 6) This device appears to use an optional scrambler. Please provide information to explain compliance to 90.212.
- 7) It is uncertain how the device gets setup for frequency/channel assignments. Please explain compliance with 90.203(e) & (g).
- 8) The occupied bandwidth should be measured to the outside points of modulated sidelobes of the emissions noted. Please explain and/or correct.

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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.