



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

November 11, 2004

RE: Icom Incorporated

FCC ID: AFJ278201

I have a few comments on this Application. Depending on your responses, kindly understand there may be additional comments.

- 1.) Please review the Tx conducted and Tx radiated spurious data shown in your Test Report. The Tx radiated spurious data appears to show only data from the third harmonic or above. However, the Tx conducted spurious data appears to show the highest emissions occurred at approximately the second harmonic. Was Tx radiated spurious emissions measurements using the substitution method performed at the second harmonic? If so, kindly present this additional data.
- 2.) Please review the External Photograph which contains the RF Exposure warning statement (page 5 of 7 of your Exhibit). The language for this label is not readable. Kindly provide a clearer label or line drawing.
- 3.) The RF Exposure exhibit correctly identifies 38cm as the minimum appropriate distance to maintain RF Exposure compliance. However, the Manual proposes a separation distance of 79cm. What is the rationale for using 79cm?
- 4.) Are any views missing from the Internal Photographs? With 45 watts of RF power I assumed that large heat-sinked component should be easily visible, but I cannot identify such from the photographs. Kindly help me identify the RF power amplifier for this product. An overall photograph of the assembled inside view of this product would also be helpful.
- 5.) FYI: Our information from FCC indicates that RF Exposure warning statements should be visible to the operator once installed. I am not certain if your top mounted label near the rear of the chassis will meet FCC's current thinking. We are currently checking with the Commission.

William H. Graff
President and Director of Engineering

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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.