



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

October 21, 2004

RE: Rokonet Electronics Ltd.

FCC ID: JE4RK200DT

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

- 1) The block diagram should show the frequencies of all oscillators in the TX portion of the device (CFR 2.1033(a)(5)), unless this portion of the device is an OEM part. Please provide either the block diagram for the TX portion, or alternatively provide a parts list that shows that this part is provided by another manufacturer.
- 2) Please provide clearer and higher resolution photographs of the RF component side of the TX board.
- 3) Please provide a photograph of the main board with the TX board removed.
- 4) It does not appear that the TX board is included in the schematics. Please provide.
- 5) The users manual appears to be missing the information required by 15.21.
- 6) Page 5 of the users manual mentions a trimmer capacitor which affects sensitivity. Please explain if this affect the output power of the unit, and if so, please explain if the unit was tested at maximum transmit power and duty cycle for the testing.
- 7) Because the nature and orientation of the TX integral antenna, the main direction of radiation is unknown and could be at its maximum in a downward axis. Therefore, positioning of the EUT should also have been checked with the device placed on its side to examine this. Has this been done? If not, further examination should be performed.
- 8) Please explain why plot 7.1.12 appears higher than the reported data in the table.
- 9) Please explain why the theory states that the device transmits at 10525 +/- 5 MHz, but the center frequency in plots 7.2.1 and various other plots appear to be centered around 10519. Is 10525 supposed to be the frequency of RF TX?
- 10) FYI. The label for plot 7.1.4 appears to be incorrect. This should be in GHz, not MHz.

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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.