



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

April 9, 2002

RE: Rokonet Electronics Ltd.

FCC ID: JE4WT50V2

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

- 1) Please provide clearer and higher resolution photographs of the top and bottom of the board.
- 2) For radiated emissions, please confirm that the test height was 80 cm from the ground plane. The pedestal used appears lower than 80 cm.
- 3) The information given in the application states that the unit transmits once per hour to indicate transmitter status. As given in 15.231(a)(3) this is only allowed to determine system integrity for applications involving security or safety application ONLY. Please provide detailed information that explains how this transmitter meets this requirement. Also, this transmission interval is greater than the 1 second allowed by the FCC ($8 \times (140 + 63)$ is > 1 second). Please comment on this issue.
- 4) Please provide a plot showing the 140 ms interval between transmissions.
- 5) The occupied bandwidth appears to be overloading or shifting during handling and appears abnormal. Please provide another plot.
- 6) Please explain the use of the corrections column on page 12 of 24. Is the correction already incorporated into the Peak Amp measurement?
- 7) Certain data bits of the transmission are set, while others may be zeros or ones. Will the duty cycle change when all bits (i.e. address field) are 0 or all 1? If so, what is the worse case duty cycle and how does this affect the spurious data?

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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.