



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

March 31, 2005

RE: Xanboo/Core Technologies

FCC ID: OU4-XWS20T

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

- 1) It can not be determined if the RF TX portion of the device is a separate daughter board mounted in the product. If so, please provide top and bottom photographs of the RF board by itself and a photograph of the main board with the RF module removed.
- 2) Proper FCC label consists of the term "FCC ID:", not "FCC ID Number:". Please correct.
- 3) Proper IC label consists of the term "IC:", not "IC Number:". Please correct.
- 4) Please justify the use of the DoC labeling information (FCC Logo and associated text). This labeling is reserved for particular approvals that do not appear to apply to this application (PC Peripheral, Stand alone RX, etc.). Please justify or correct the labeling.
- 5) User manual states 418 – 433 MHz, while the application cites 418 MHz only. Please explain.
- 6) This device appear to normally be mounted upright. Was it also tested in this position? The device should have been configured and investigated in the configuration.
- 7) The operational device in the report tends to contradict the information in the report. The report suggests it reports every 5 – 15 minutes, while the operational description suggests only during alarm conditions. Additionally the report suggests it sends data while the operational description suggests it only transmits when above set range or low battery conditions. Please clarify correct this information as necessary.
- 8) The reported peak data on page 3 does not appear to agree with the peak data in the tables. Please correct.
- 9) Please confirm if the data < 1 GHz was tested with QP or Peak detectors. Please note that QP is only allowed if the repetition rate exceeds 20 Hz. Additionally, please note that you are not allowed to correct QP reading to make average readings. The FCC rules allow the use of Peak and Average, or QP alone. If QP measurements are made, they must be compared against the average limit alone. If these are QP measurements, please note that they exceed the average limit. Please review and correct as necessary.
- 10) Measurements > 1 GHz state they are performed at 1 meter, but there does not appear to be any distance correction and limits appear to be 3 meter limits. Please explain and/or correct as necessary.
- 11) Please confirm whether the data on page 12 is peak or average data.
- 12) Please provide a plot showing the period between transmissions if multiple transmissions occur a short time apart. It can not adequately be determined if any other transmissions occur during 100 msec from the plots provided and this needs to be verified to support the average correction factor. Additionally, for compliance to 15.231(e), please explain how many transmissions occur and what the period is between "bursts". For example, do multiple transmissions occur for < 1 second and then repeat every 15 minutes. Please provide detailed explanations as necessary.



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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.