



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

July 30, 2004

RE: Quanta Computer, Inc.

FCC ID: HFS-HA1

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

- 1) The block diagram provided appears to be for a system. The block diagram should show the frequencies of all oscillators in the TX portion of the device (CFR 2.1033(a)(5)). Please provide the block diagram for the TX portion.
- 2) The schematic appears to be for a system. The schematic should be for the TX portion of the device (CFR 2.1033(a)(5)). Please provide the schematic for the TX portion.
- 3) Please justify the use of the DoC labeling information (FCC Logo). 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 remove from the labeling.
- 4) FYI.....This application does not appear to be applicable for a DoC, therefore the DoC exhibit is not necessary and is not being reviewed or forwarded to the FCC.
- 5) A system manual was provided. Is a manual available just for the EUT?
- 6) This device is tested to 15.249. The limits > 1 GHz do allow for average emissions. However for readings < 1 GHz, including the fundamental, no average emissions are allowed. The limits are strictly 94 dBuV/m for PEAK emissions, or alternatively QP emissions as long as the repetition rate is > 20 Hz during the measurements. Please correct the report.
- 7) The average calculation shown and used for average measurements > 1 GHz does not appear correct. From the data, it appears that 33.386774/100 should have been used. Please correct all calculations and data as necessary.

Timothy R. Johnson
Examining Engineer

[mailto: tjohnson@AmericanTCB.com](mailto:tjohnson@AmericanTCB.com)

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.