



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

July 18, 2003

RE: FCC ID: HEDWA6101BJ_ATCB000601
Attention: Eric Lin

I have a few comments on this Application.

1. Please note that the FCC ID label information must also contain the FCC ID number. Please provide a label sample that has the actual FCC ID on the label. -
2. Please note that the block diagram of the system shows 802.11a/b. The 731 is only for 802.11b. The manual states that the device is only 802.11b (15.247). Please also note that the schematics appear to indicate a fully functional 802.11a mini-PCI slot. Please explain why the mini-PCI slot is shown in the photos, in the block diagram and in the schematics. Is the 802.11a disabled? How, etc? If the slot is not disabled, how do you prevent insertion of an 802.11a miniPCI card? -
3. Please note that the operational description states the device is both a 15.247 and a 15.407 device. There is no indication on the 731 form nor in the report of 15.407 operation. As mentioned in item 2 there appears to be in fact a slot available for another miniPCI card of 15.407 capability. Please provide 15.407 test data. Alternately please explain how the manufacturer disables the second slot and please explain how this device is only a 15.247 device as submitted. -
4. FYI – Please note that the actual limit in the restricted bands above 1GHz is an average reading. The 20dB over the average is an additional requirement. However, limits on pass fail must address both. In your report you show an erroneous margin. The peak is only compared to the 20dB over limit and is not compared to the actual average limit. This means that the peaks (i.e. no average measurements were taken) for those frequencies listed they are actually 20dB closer to the limit than stated in the report. For example 4176 MHz is not 23.1dB under the limit but actually only 3.1dB under the actual limit of 54dB. -
- 5.

Dennis Ward
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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.