



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

April 12, 2004

RE: FCC ID: RWQ-CPE2_ATCB001258

Attention: Gregory M. Snyder

I have a few comments on this Application.

1. Please note that the EUT is a PCMCIA card with external antenna connection. The manual does not appear to be for this device (please see 'mounting' instructions in manual). Please provide the manual for this PCMCIA card.
2. Please explain how the professional installation approach for this PCMCIA card is controlled by the manufacturer.
3. Please note that the module request letter states that the device was tested in stand alone configuration. Please note that this is not how the device was tested as it was tested in the PCMCIA slot of a lap top computer and not on an extender card as stated whereby the card is fully exposed (see setup photos). Please also note that PCMCIA cards are a special form of module approval and generally do not need the modular request letter. Please explain.
4. Please note that the FCC ID number of the device this PCMCIA card is based upon was granted for use in a specified host (i.e. a limited modular approval). Please explain how this previous device applies to this application.
5. Please note that plots 4-19 and 4-20 you show a signal around 2.38GHz that appears to be right at or over the limit of 54dB. Please explain what this signal is and if it is produced by the EUT please show how this is compliant to the restricted band limits.
6. Please note that it does not appear as if you listed the gain of the antenna used during radiated spurious emissions testing. Please specify which antenna goes with which test data.
7. Please note that there is no apparent indication that the antennae used are point to point or not. Consequently, when the EIRP exceeds 36dBm the power delivered to the antenna terminal must be reduced as specified in 15.247. If these antennae are point to point, please clearly specify this in the data and in the manual. Please explain how the system addresses 15.247b4.
8. Please note that the MPE report states that the calculation distance is 20cm, however, the actual distance used in the formula is 200cm. Please note that the required separation distance for this device is 34.71cm. Please correct the calculations.

Dennis Ward

<mailto:dward@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.