



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

November 4, 2004

RE: FCC ID: QVT-WLAN-MP1_ATCB001796

Attention: Les Payne

I have a few comments on this Application. Please note that further comments may arise in response to answers provided to the questions below.

1. Please note that the 731 only addresses the UNII equipment code. As this is composite device and also a 15.247 device, you will need to provide the equipment code for that as well.
2. Please note that the confidentiality request only has the schematics as confidential. This means that the block diagram and the theory of operations will be for public view once uploaded to the FCC. If you desire to have the block diagram and theory of operations confidential, you will have to revise your confidentiality request to include these items.
3. Please provide a sample label with the actual FCC ID number. Please also provide a drawing of where the label will be on the product.
4. Please explain why you have mentioned occupational use at 800MHz in the MPE report.
5. Please note that the module OEM installation manual should be generic to the installation of the device into any allowable host. Please note that the OEM installation manual states that the host is an access point. Is this module only for this host or is the module used for any mobile device?
6. Please note that the end product labeling notice on page 27 of the manual has the incorrect FCC ID number. Please provide a manual with the appropriate FCC ID for the device.
7. Please note that the setup photos do not clearly show this device being tested in a stand alone configuration. Please provide detailed enough setup photos to identify the stand alone module.
8. Please note that the report states that this is an application for certification of a wireless access point. Please note that the external photos and other information indicate that this is a modular approval for a mini-PCI card used in multiple hosts. Please provide consistent documentation and information. Please explain what this application is for and how the device is used.
9. Please note that your report states that conducted emissions is not applicable. Please note that conducted emissions for intentional radiators is always applicable when used with a device that obtains power from the AC mains. Even if power is supplied by a power supply, conducted would still need to be done to show compliance in a typical or generic situation. Please provide conducted emissions for this product.
10. Please note that page 2 of the second part of the test report says that you used a diode bridge power meter, and then the setup drawing shows a diode detector and oscilloscope. Please explain.
11. Please note that the power output of the device in the 5GHz frequencies listed on page 4 of part 2 of the test report is stated to be only in the 0.02mW range (-16 To -18dBm) but the 731 and the MPE report says the power should be in the 50mW range. Please verify if these numbers are correct and change and/or re-measure as needed.
12. Please note that the power for the 2.4GHz device in the report is up to 143mW, however, the 731 states the max power in this range is only 80mW. Please correct and change and/or retest as needed.

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.