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

July 22, 2002

RE: FCC ID: PCV CTM82086DK2US
Attention: Paul Harrison

I have a few comments on this Application.

1 The chart on page 2 (Summary of Results) incorrectly lists the tests for Radiated and Conducted emissions. 18.305 is radiated limits and 18.307 is conducted limits. Please correct the report to reflect the correct sections.

2 You must provide the proper setup photos for an application for certification. The test set up photos appear to have been taken in a shielded room. MP-5 stipulates, "For equipment subject to certification, an environment which assures valid, repeatable results shall be used. A measurement is valid to the extent that it is a true representation of the characteristic being measured, and when the same measurement procedure yields repeatable results. Measurements of radiated radio noise should be made in an open, flat area characteristic of cleared, level terrain, especially for measurements of emissions below 1 GHz." Please note that while the report says OATS measurements were made, no objective evidence in the form of setup photos have been provided to validate this statement. Please provide separate conducted and radiated set up photos showing the test setup during final conducted and radiated emissions testing. Otherwise, please retest the device in accordance with the site requirements specified in MP-5.

3 MP-5 states that the antenna for the frequency range between 30 to 1000 MHz shall be raised and lowered between 1 to 4 meters. Please note that the photo of the radiated emissions measurements show the biconical antenna on a tripod, thus not being able to be raised and lowered between the prescribed 1 to 4 meters. Please show objective evidence that the testing was performed in accordance with MP-5 antenna height requirements or retest on a site appropriate for Part 18 and on a site where the antenna(s) can be raised and lowered the specified height.

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.