



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

July 30, 2003

RE: Ohmart/Vega

FCC ID: MOIPULS616263

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

- 1) Please provide the FRN Number of the applicant.
- 2) Please provide a higher resolution label exhibit.
- 3) Please provide a block diagram as specified by 2.1033(b)(5).
- 4) Portions of the schematics are not easily readable. Please provide a better copy of the schematics.
- 5) For powerline AC conducted emissions, the justification is given that the device is powered from 24 VDC. However, please explain how the intended installations will meet with the requirements of 15.207(d). Usually most DC powered devices can eventually be traced back to another device obtaining its power from the AC network. In these cases it is still required to show compliance to 15.207.
- 6) Given the design of the device to operate under such short TX duration (< 2 ns), please explain if there is any concern with the device not being able to achieve and/or maintain full output power under 100% mode of operation as used for testing. The plots shown in 6-4 and 6-4 tend to suggest that possibly the device couldn't maintain the required output power.

A handwritten signature in black ink, appearing to read "Timothy R. Johnson".

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.