



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

September 29, 2004

RE: Adimos, Inc

FCC ID: SIV-WVM1101

I have a few comments on this Application. Depending on your responses, kindly understand there may be additional comments.

- 1.) The supplied Internal Photographs are far too small and far too grainy to be of any practical value. Kindly submit revised photographs.
- 2.) There are no External Photographs. The FCC requires separate Internal and External photograph exhibits – no exceptions. Please provide.
- 3.) There is no information presented for Label Location. Please provide.
- 4.) Is this to be considered a “Modular Approval”? If so, the requirements of DA 00-1407 must be followed.
- 5.) I am also concerned with the functionality of this device. The Commission usually requires devices that contain differing functions to be submitted as separate devices despite sharing the same RF portion. It is my suggestion that the “Tx” and “Rx” versions be segregated. If not, please provide justification for Certification under one single FCC ID.
- 6.) No compliance information is included in the Manual. Please supply all relevant and required information.
- 7.) If Modular Approval is sought, please provide instructions for OEM integrators.
- 8.) The Manual appears to indicate that “country codes” can be set via software. This is not permitted under FCC and Canadian rules.
- 9.) It is impossible to identify the different components used in the Test Setup photographs. Please provide better Test Setup Photographs.
- 10.) Does this device use “F” style antennas? If so, then radiated testing with the antennas lying directly on the table is not permitted. You will need to retest with a minimum 1” non-conductive spacer under the antennas.
- 11.) Please provide details on the antennas including photos for this device.
- 12.) You are requesting 62mW across the entire 5150-5359MHz band on your Application forms. This is not permitted. The limit from 5150-5250 is 50mW. There are multiple references within this filing across many Exhibits that may require modification.
- 13.) Kindly refer to your Block Diagram. The “Toshiba” RF module does not contain any information. Please provide a block diagram for the module.
- 14.) The Block Diagram for WVM-TX shows provisions for an External Antenna. Under what conditions will an external antenna be utilized?
- 15.) Please explain how compliance with 15.407(c) will be maintained.
- 16.) Please show how compliance with 15.407(e) will be maintained. This information does not appear in the Manual.
- 17.) Please provide an attestation to the requirements of 15.407(f).
- 18.) Antenna integration requirements as specified in your Test Report [page 8] appear to be missing.
- 19.) There is conflicting information with regards to RF power measurement. Was a power meter or spectrum analyzer used? If a power meter, please provide details on the

video bandwidth of this device. If a spectrum analyzer, please provide details on the integration algorithm.

Regards,

A handwritten signature in black ink, appearing to read 'William H. Graff', with a stylized, cursive script.

William H. Graff
President and Director of Engineering

[mailto: whgraff@AmericanTCB.com](mailto:whgraff@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.