



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

July 5, 2005

RE: RadWin Ltd.

FCC ID: Q3KAMWL1240

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

- 1) Page 79 of the users manual still contains the same information as previously given on page 64. This mentions that the user may use any antenna they wish. This is not true. First the system must be professionally installed and second, only antennas approved for use with the system may be used. The purpose of 15.203 of the rules is so the user can NOT simply change the antenna to another. Professional installers are responsible to ensure only the correct antennas are being installed. This section of the users manual should explain that only antenna approved for use with the device can be used. Please correct the users manual as necessary.
- 2) Information in both of the last 2 responses mentions a filter on the RF output near the antennas. It is not understood where this may be found. The mini-PCI card is a dual band card and allows operation in both bands by itself and schematics do not show a filter. The main host motherboard does not appear to show any additional hardware around the antenna connections and appears to simply be a pass through port. Please explain.
- 3) Regarding output power, thermocouple techniques are considered an average power technique and not considered peak power. Peak power is measured using appropriate diode detectors capable of the fast rise times associated with OFDM modulations. Modulations such as 802.11 a or g can not adequately be measured with thermocouple techniques (in the past 802.11b has been ok with this however). The modulations appear to support OFDM modulation from the plots provided. Average power measurements must follow the guidance documents. (provided in the attachment). Please provide appropriate measurements as necessary.
- 4) Page 22 of the users manual mentions a 16 dB antenna, however information previously given in the test report and system description cited 17 dBi. Please explain.
- 5) If the device was terminated at the antenna port for unintentional radiated tests, then test data to 15.111 must also be provided.
- 6) The users manual still does not clearly denote the information required by 15.247(b)(4)(iii) that states:

The operator of the spread spectrum intentional radiator or, if the equipment is professionally installed, the installer is responsible for ensuring that the system is used exclusively for fixed, point-to-point operations. The instruction manual furnished with the intentional radiator shall contain language in the installation instructions informing the operator and the installer of this responsibility.

If this is already in the manual, please kindly show where this may be found. Language to address a portion of this could be found, but does not express the fixed, point to point items specified above.

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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.