



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

June 15, 2005

RE: Radionet Ltd.

FCC ID: S5LRNFCC1

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

- 1.) Please provide an actual label for this device as supplied by the manufacture.
- 2.) Please provide actual external photographs of all antennas to be used with this device. Photographs of antennas are never held confidential by the Commission.
- 3.) FYI: You do supply specification sheets for each of the three antennas used with this device and I acknowledge they are eligible for treatment as permanent Confidentiality. These will be included as part of the Operational Description for this device.
- 4.) Your Confidentiality request includes "Pictures of internal electronics PCB and RF boards..." This is not permitted by the FCC except in very unique situations. Frankly, I see no reason why these should be included in your Confidentiality request. Please provide either greater justification for Confidentiality or remove this request from your letter.
- 5.) A complete parts list was provided but not included as part of the Confidentiality Request. Should this also be considered Confidential? If so, please be sure to add "Parts List" to your Confidentiality Request letter.
- 6.) The Test Setup photographs appear to show these wall/pole mounted devices with the antennas pointed to the sky. Were radiated emissions tested in this configuration? Was any data taken with the antennas aimed or facing the search antenna?
- 7.) There appears to be a mislabeling of the 802.11g RF Pout in section 6.4 of the Test Report. If I am in error, my apologies. What is the power in 802.11b and 802.11g mode? Kindly identify the data rates associated with this maximum output.
- 8.) The Spectral Power Density test was not performed correctly. The Rules specify using a 3 KHz RBW and a 1 second per 3 KHz sweep time. Your 5GHz plots use 300 KHz of span; therefore a sweep of at minimum 100 seconds shall be necessary. Please review your procedures.
- 9.) Your own Test Plots for restricted band data shows a distinct emission at about 2488MHz. However, there appears to be no tabular data for either peak or average measurements made at that emission frequency using a 1MHz RBW. In addition, there appears to be any 802.11g restricted band data in OFDM mode. Please review.

William H. Graff  
President and Director of Engineering

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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.