



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

September 21, 2004

RE:

FCC ID:

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

- 1.) The photographs show the EUT is covered in copper foil presumably as a fix for excessive EMI emissions. Please confirm if this fix will be carried over into production. If not with foil, how will this fix be implemented?
- 2.) Your request a Limited Modular Approval (LMA). It is not apparent how this is appropriate. Under what circumstances would this qualify as a LMA? It appears that this device could qualify instead for full Modular approval.
- 3.) The power output seems to be unusually high. Frankly, I have rarely seen an 802.11b/g device with this high a measured RF power output. Assuming the RF power is correct, I have difficulty rationalizing this power with the radiated band edge data shown within the Test Report. Using a figure of +23dBm with an antenna gain of 2dBi the result is +25dBm EIRP. Assuming a typical path loss on a three meter OATS of 11.7dB, my expectations are that the peak readings would approach ~120dBuV. Your values shown on page 42 of the Test Report using 1MHz RBW / 1MHz VBW are much lower. Kindly review. If RF Pout is indeed incorrect please remember to provide a new the RF Exposure exhibit and Form 731 as well as corrected Test Report.
- 4.) FYI: A Parts List id not needed for any FCC Part 15 submissions. This Parts List is also not included on the Confidentiality Request letter. Does your client object to their Parts List exhibit being published on the FCC website?
- 5.) The FCC ID label is not completely correct. It is to use the capital letter [FCC ID:] and not the lower case [Fcc ID:] as shown in your filing.
- 6.) FYI: All Exhibits uploaded to the ATCB website are considered proprietary and Confidential. It is only necessary to mark those Exhibits that the Applicant desires held Confidential at the FCC website. Kindly consider this in the future.

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.