



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

April 7, 2005

RE: Lite-On Technology

FCC ID: PPQWN5401A

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

- 1.) Please provide a 'real' label for this product. Generic labels which contain "xxxxxx" are not permitted.
- 2.) FYI: In the future, please carefully group your frequency bands on Form 731 into which ones should be approved under 15.247 and which ones should be 15.407. The 731 is the basic "instruction set" to any examining engineer and to be proper, we should not make assumptions about what a client wants. In addition, some clients are very picky about what a product is called. I recommend placing exactly how your client wishes to refer to this product under item 4(a) on our Form 731. In this case, I suggest "802.11a/b/g Wireless LAN PCI Adapter". Kindly confirm with your client.
- 3.) The supplied Operational Description is generally not detailed enough to meet FCC's definition of a proprietary document. Either provide a more detailed Operational Description or remove this item from the Confidentiality Request letter. In addition, I am not sure how this device can qualify as a "USB device". Please review Operational Description for clarity.
- 4.) FYI: It is not necessary to carry RF power to six digits on Form 731. For most DTS and UNII devices, rounding off to the nearest mW is sufficient.
- 5.) Please review your 802.11b/g report. Kindly identify which data rates produced the highest RF peak power in your RF conducted power measurements. Was this same data rate used in all subsequent radiated emissions tests? What data rate produced "worst case" results in radiated restricted band tests on Channel 11?
- 6.) Please review your 802.11a report. Section 1.4 includes a frequency band that is not permitted in North America. Your comments would be appreciated. End users must not have access to any function which will permit operation in inappropriate bands.
- 7.) In Section 5.1, to what does the column "calculated power limit" refer? It is not necessary to re-do the report as long as I know what this means.

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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.