



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

August 23, 2004

RE: Netgear, Inc.

FCC ID: PY3WGU624

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

- 1.) The Operational Description indicates that this device can operate simultaneously on 2.4GHz 802.11g and 5GHz 802.11a. However, the RF Exposure evaluation does not address co-located transmitters. Please resolve this omission and provide a new RF Exposure exhibit showing the effect of summing "worst case" emissions of each transmitter.
- 2.) The RF Exposure exhibit also seems to have an incorrect description for Section 5. Please review.
- 3.) The Manual appears to indicate that this product can operate on illegal channels in the North America. Can the end user change the country code in the software? If so, kindly note that this is not permitted under the Rules.
- 4.) The FCC is now very concerned with intermodulation products which will occur when two transmitters are operating both simultaneously and in close proximity to one another. The External Photographs show but one antenna – this leads me to conclude that both transmitters will feed their power to the same antenna. This can cause very large spurious emissions problems for simultaneous transmitters. Please provide test results for spurious emissions with both transmitters operating simultaneously.

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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.