



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

June 18, 2004

RE: Netgear Inc.

FCC ID: PY3WGR101

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

- 1) The DoC report provided does not appear to be done by an accredited lab. This is required if the device is approved using a DoC. Alternatively the device must be Certified if the DoC was not performed or approved by an accredited lab. If this device is to be Certified there are additional review costs associated with this application, and 2 grants will be issued.
- 2) For any PC peripheral testing, the device must be configured with a minimum test configuration as specified by ANSI C63.4 which includes complete computer + 2 I/O devices attached (one may be the EUT). This does not appear to be tested properly as required for a PC peripheral in the DoC report provided. Please note that although we are not required to perform a detailed review of the DoC requirements, we must ensure that the testing was properly performed (correct configurations, by an accredited lab, etc.) as required by the FCC.
- 3) Note Items 1) & 2) also affect how the device is labeled and certain information in the users manual. It is difficult to review these without understanding which compliance route is being taken for the PC peripheral portion of the device.
- 4) The maximum output power measured was only about 31 mW. However, the operational description mentions that the device is capable of 100 mW output. The FCC expects the sample under test to be operating at maximum power for all tests and the exhibits should all be consistent. It does not appear this occurred. It appears that possibly the built in power amplifier may have been disabled. Please explain.
- 5) Average measurements > 1 GHz (i.e. pages 58-59) are usually performed as specified by the FCC using the following settings: Peak Detector with RBW = 1 MHz, VBW = 10 Hz. An average detector appears to have been used. This has normally not been allowed, as average measurements are made by controlling the VBW. However, since peak measurements meet with the average limits, we will not require that the average measurements be retaken for this application. Please be aware of this to ensure all future testing is performed correctly.

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Examining Engineer

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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.