



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

May 17, 2002

RE: Netgear, Inc.

FCC ID: PY3HA311

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

- 1) The block diagram shows an optional 2nd antenna. Please note that the only antenna that will be approved with this product is the antenna documented in the filing. For any changes or addition of new antennas that have not been approved, the Grantee will have to file a Class II permissive change to approve the new antenna. Currently, the device with any other antennas other than the internal ones will be considered unauthorized equipment. The Grant will be conditional on acceptance of these terms. Please comment.
- 2) Please provide information to show compliance with 15.407(c) & (g).
- 3) The limit applied on page 20 & 45 (of 61) states -24.0 dBm. If the gain of the antenna was +3 dBi, shouldn't this limit be -30.0 dBm.
- 4) What does the note on page 55 of 61 "shielding on rear of PCB" refer to. Is this a modification? Note that page 58 of 61 discusses a modification, but the summary page 8 of 19 does not discuss any modifications.
- 5) The reading at 10507.82 MHz on page 57 of 61 shows a 0.1 dB margin. The restricted band limit was applied but this frequency is not a restricted band. Please explain. (Also the 10428.48 MHz on page 56 seems to have applied the incorrect limit). This may affect the summary given on pages 54.
- 6) Please explain the peak that occurs at about 13 MHz in the conducted data that is over the limit.
- 7) FYI, The spectral density result (page 4 of 61) for the 5.15-5.25 GHz band should be -6.3 dBm.
- 8) FYI, The peak excursion result (page 7 of 19) should match the worse case data on page 29 of 61.

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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.