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

July 14, 2002

RE: IOGEAR, Inc.

FCC ID: QG8GBU301

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

1) Please adjust the 731 form to list actual lowest and highest frequencies of transmission instead of the general range 2400-2483.5 MHz.
2) The Technical Operational Description provided states that the transmitter functions in the frequency range 2402-2483 MHz, while the Bluetooth specification for the US should be 2402-2480 MHz. Please explain.
3) The Technical Operational Description states (in different sections) output power of + 20 dBm and +18 dBm. Please explain.
4) This device is considered both a Part 15 transmitter and a Class B PC Periperal and is subject to the labeling and users manual requirements for both. The DOC labeling should usually include the phrases "Tested to Comply With FCC Standards" and "FOR HOME OR OFFICE USE". If the device is too small than this information is to be presented in the manual. Please update the manual to include this as well as the information sheet specified in 2.1077 (all the information for 2.1077 should appear on a single page either in the users manual or as an insert).
5) Please explain how this device will maintain the 20 cm mobile category distance in all applications. For instance, it appears as if this device may be directly plugged directly into the USB port without the provided USB extension cable. If it is used without the extension cable, laptop use becomes a portable RF Exposure condition. This condition exists because of the following:
    a) the antenna is integrated into the EUT
    b) With the device directly plugged into the USB ports on a laptop, the antenna will be closer than the 20 cm distance if the user chooses to use the laptop in their lap.

   This same condition exists with PCMCIA Cards. It it must be assumed that the user could choose to use the device while in their lap.
6) Please explain what is meant (page 5 of 27) in the test report by "The EUT has a derivative model GBU302, which composes of two pieces of GBU301".
7) For bandedge compliance, please show compliance with the radiated limits of 54 & 74 dBuV/m at the bandedge.

Timothy R. Johnson
Examining Engineer

Direct Phone: 404-414-8071
mailto: tjohnson@AmericanTCB.com

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.