



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

February 25, 2003

RE: BenQ Corporation

FCC ID: JVPAWL200

After a review of the submitted information, I have a few comments on the above referenced Application. These comments are all made upon the assumption that the EUT's full conducted output power is 29.6 mW and the antenna gain is +1.68 (dBi).

- 1) Information given in your last response state that the antennas will be located in the upper part of the LCD panel. However information in the RF exposure exhibit appears to show the antenna in the base of the laptop (or in the hinge to the LCD panel, instead of the upper portion of the LCD display. Please note that positioning of the antennas in the base of the laptop is considered a portable configuration (requiring SAR for each host configuration and since it is considered portable instead of mobile. Also a modular approval would not be allowed). Please comment.
- 2) The RF exposure exhibit appears to show a maximum antenna gain of +1.68dBi, however the calculations use +0.67. Please correct the RF exposure exhibit.
- 3) Page 13 still references a permanently attached antenna. Please note that the EUT shows 2 connectors J1 & J2. Please adjust page 13 as necessary to show compliance with 15.203.
- 4) The data sheet referenced in modular approval letter (ISL3874A) has not been provided. Please provide.
- 5) FYI, proposed grant comments:

Modular Approval. Approval is limited to OEM installation only. The antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. OEM integrators must be provided with antenna installation instructions. OEM integrators and end-users must be provided with transmitter operation conditions for satisfying RF exposure compliance. This grant is valid only when the device is sold to OEM integrators and the OEM integrators are instructed to ensure that the end user has no manual instructions to remove or install the device.

Timothy R. Johnson
Examining Engineer

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