



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

November 14, 2005

RE: Amoi Electronics Co., Ltd.

FCC ID: RWZ-BTH003

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

- 1) The FCC ID given on the confidentiality Letter is incorrect. Please correct.
- 2) The 731 form should cite actual tunable frequencies (i.e. 2402 – 2480 MHz), not frequency band of operation. Please correct.
- 3) Block diagram should include frequencies associated with crystal, etc., according to Part 2 of the rules. Please update the block diagram.
- 4) Please update and/or label the internal photographs to show the antenna and its location in the unit.
- 5) Please provide an operational description for this application.
- 6) It is suggested that an exhibit similar to the attached be provided, using information relevant to this application. See attachment. However, please ensure other test issues below are resolved first.
- 7) The fundamental Radiated limits cited are not applicable to 15.247. The data should remain, but limits and margins marked N/A or data in these boxes removed.
- 8) Please reverify the bandwidth test. Typically Bluetooth 20 dB bandwidths are about 800 kHz. Your plots suggest that possibly the device was not properly modulated during this test and was operating only in a CW fashion. Please review.
- 9) Note bandedge tests should be repeated with proper modulation present.
- 10) Radiated tables cite the use of a correction factor for average measurements, however average measurements do not appear to match these values consistently. Please review.
- 11) The power output is 10 – 15 dB below expected values based upon power output of Bluetooth, typical Bluetooth devices, etc. Was test setup corrected for any test cables, etc. Note FCC expects device to operation at maximum output power during all tests.
- 12) If output power was not properly at maximum output, then other tests would need to be repeated with full output power.
- 13) The users manual appears to be missing information regarding separation distance from users and also prohibition against co-location requirement. Please update the manual to include the following or similar:

The antenna 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.

Timothy R. Johnson  
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.