



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

June 16, 2006

RE: FCC ID: TQYBSJS1219WA00_ATCB003577
Attention: Sam Chien

I have a few comments on this Application. Please note that further comments may arise in response to answers provided to the questions below.

1. Please provide a description of the device in section 4a of the 731 form. This would be the description of what the applicant calls the device (i.e. Bluetooth Speaker System).
2. Please note that 1.5247 devices require the power to be on the 731 form. Please complete the 731 form and provide the necessary power information in section 6.
3. Please complete section 9a of the 731 and provide the name of the test firm on file with the FCC.
4. Please note that the person signing the 731 form is not the applicant and no authorization letter for FCC submittals has been provided. The only authorization letter provided deals specifically with the RTTED. Please provide the FCC authorization letter.
5. Please provide the schematics for the Bluetooth transmitter portion of the device.
6. Please note that when measuring radiated power for part 15.247 the results are to be EIRP not ERP. Please note that the report states ERP. Please correct and provide EIRP values as specified in 15.247c2ii.
7. Please note that in the formula for determining erp on pages 15 and 18 of the report you state the use of an "antenna factor". Please note that this generally denotes the calibration factor of an antenna and does not specifically deal with the gain. Please note that in the use of the antenna substitution method it is the gain of the antenna that must be used. Please clarify the term "antenna factor". Is it the calibration factor of the antenna used on an OATS or is it the actual gain of the antenna? Please correct readings as necessary.
8. Please note that DA00705 specifically states that radiated emissions measurements is to be performed with the hopping stopped and with the hopping enabled. Please provide the required data for band edge compliance with the hopping enabled.
9. Please note that spurious radiated emissions for FHSS devices in accordance with 15.247 and DA00705 must have hopping enabled. Please retest the radiated spurious emissions with the hopping enabled and the devices properly modulated.
10. Please note that the plots on pages 39 and 40 of the test report do not look like typically expected FHSS BT signals. Please explain the flattened 350kHz wide top. What mode of operation was the device in during this test?

Dennis Ward
<mailto:dward@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.