



## ADT (Shanghai) Corporation

2F, Building C, No.1618, Yishan Rd., 201103, Shanghai, China

Nov 16, 2005

FCC ID: RWZ-BTH003

The following lists are the answers for the comments on Nov, 14, 2005, please kindly have a review on it:

1) The FCC ID given on the confidentiality Letter is incorrect. Please correct.

**Re:** See the attachment (RWZ-BTH003)Authority&Confidential\_1116.

2) The 731 form should cite actual tunable frequencies (i.e. 2402 – 2480 MHz), not frequency band of operation. Please correct.

**Re:** See the attachment (RWZ-BTH003)731Form\_1116.

3) Block diagram should include frequencies associated with crystal, etc., according to Part 2 of the rules. Please update the block diagram.

**Re:** See the attachment (RWZ-BTH003)BlkDia\_1116.

4) Please update and/or label the internal photographs to show the antenna and its location in the unit.

**Re:** See the attachment (RWZ-BTH003)Intpho\_1116.

5) Please provide an operational description for this application.

**Re:** See the attachment (RWZ-BTH003)OpDes\_1116.

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.

**Re:** See the attachment (RWZ-BTH003)noneSARspec\_1116.

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.

**Re:** See the attachment (RWZ-BTH003)TestRpt\_1116

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.

**Re:** See New Report 4.5, Bluetooth bandwidth was a CW fashion at old report, attachment (RWZ-BTH003)TestRpt\_1116.

9) Note bandedge tests should be repeated with proper modulation present.

**Re:** See New Report 4.6, Bluetooth bandwidth was a CW fashion at old report, attachment (RWZ-BTH003)TestRpt\_1116.

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.

**Re:** See New Report 4.2, attachment (RWZ-BTH003)TestRpt\_1116.

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.

**Re:** The Output Power was a maximum Output. The report didn't supplement.

12) If output power was not properly at maximum output, then other tests would need to be repeated with full output power.

**Re:** The Output Power was a maximum Output. The report didn't supplement.

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:

Previous: 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.

However regarding item 13, you are correct that the 20 cm portion is not necessary given the output power of the device. The statement should be reduced to the following:

Corrected: The antenna used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

**Re:** See the attachment (RWZ-BTH003)UserMan\_1116.

Thank you very much.