

## 1.1. Test Result of RF Exposure Evaluation

- . Product: Bluetooth stereo speaker
- . Test Item: RF Exposure Evaluation Data
- . Test site: OATSI-SD
- . Test Mode: Normal Operation

### 1.1.1. Antenna Gain

The maximum Gain is 3.8dBi.

### 1.1.2. EUT Operation condition

Software provided by client enabled the EUT to transmit and receive data at lowest, middle and highest channel individually.

### 1.1.3. Output Power into Antenna & RF Exposure Evaluation Distance

Modulation Standard: Bluetooth

Test Date: Jan. 17, 2008

Temperature: 23.5°C

Humidity: 75%

| Channel | Channel Frequency (MHz) | Output Power to Antenna (dBm) | Power Density (S) (mW/cm <sup>2</sup> ) |
|---------|-------------------------|-------------------------------|---|
| 00      | 2402                    | 2.05                          | 0.000766                                |
| 39      | 2441                    | 2.55                          | 0.000859                                |
| 78      | 2480                    | 2.20                          | 0.000792                                |

The MPE is calculated as  $0.000859 \text{ mW / cm}^2 < \text{limit } 1 \text{ mW / cm}^2$ . So, RF exposure limit warning or SAR test are not required.

For 2402~2480 MHz, the EUT will only be used with a separation of 2.5cm or greater between the antenna and nearby persons and can therefore be considered a mobile transmitter per 47CFR2.1091 (b).

The RF Exposure Information page from the manual is included here for reference.