

1.1. Test Result of RF Exposure Evaluation

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

1.1.1. Antenna Gain

The maximum Gain is 2.66 dBi.

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-GFSK

Test Date: Jul. 02, 2008

Temperature: 25°C

Humidity: 60%

Channel	Channel Frequency (MHz)	Output Power to Antenna (dBm)	Power Density (S) (mW/cm ²)
00	2402	4.32	0.000993
39	2441	4.14	0.000953
78	2480	3.68	0.000857

Modulation Standard: Bluetooth-8-DPSK

Test Date: Jul. 02, 2008

Temperature: 25°C

Humidity: 60%

Channel	Channel Frequency (MHz)	Output Power to Antenna (dBm)	Power Density (S) (mW/cm ²)
00	2402	0.75	0.000436
39	2441	0.48	0.000410
78	2480	-0.21	0.000350

The MPE is calculated as $0.000993 \text{ mW} / \text{cm}^2 < \text{limit } 1 \text{ mW} / \text{cm}^2$. 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.