

1.1. Test Result of RF Exposure Evaluation

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

1.1.1. Antenna Gain

The maximum Gain is 0.0 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. 18, 2008 Temperature: 25°C Humidity: 60%

Channel	Channel Frequency (MHz)	Output Power to Antenna (dBm)	Power Density (S) (mW/cm ²)
00	2402	-3.19	0.0000955
39	2441	-3.75	0.0000839
78	2480	-4.62	0.0000687

Modulation Standard: Bluetooth-8-DPSK

Test Date: Jul. 18, 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	0.000237
39	2441	0.48	0.000222
78	2480	-0.21	0.000190

The MPE is calculated as $0.000237 \text{ mW} / \text{cm}^2 < \text{limit } 1 \text{ mW} / \text{cm}^2$. So, RF exposure limit warning or SAR test are not required.

For 2400~2483.5 MHz, the EUT will only be used with a separation of 20cm 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.