

1.1. Test Result of RF Exposure Evaluation

- . Product: RF Module v40.
- . Test Item: RF Exposure Evaluation Data
- . Test site: OATSI-SD
- . Test Mode: Normal Operation

1.1.1. Antenna Gain

The maximum Gain is 9.26 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

Test Date: Jan. 13, 2006 Temperature: 27°C Humidity: 60%

Channel	Channel Frequency (MHz)	Output Power to Antenna (dBm)	Power Density (S) (mW/cm ²)
00	2402	11.14	0.021825
38	2440	19.39	0.145865
77	2477	9.25	0.014124

The MPE is calculated as 0.145865 mW / cm² < limit 1 mW / cm². So, RF exposure limit warning or SAR test are not required.

For 2402-2477 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.