

## 1.1. Test Result of RF Exposure Evaluation

- . Product: [IEEE 802.15.4 Transceivers module](#)
- . Test Item: [RF Exposure Evaluation Data](#)
- . Test site: [OATSI-SD](#)
- . Test Mode: [Normal Operation](#)

### 1.1.1. Antenna Gain

The maximum Gain is [2.5](#) 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 20 cm

Modulation Standard: GFSK

Test Date: [Nov. 26, 2007](#)

Temperature: [25°C](#)

Humidity: [58%](#)

Channel	Channel Frequency (MHz)	Output Power to Antenna (dBm)	Power Density (S) (mW/cm <sup>2</sup> )
01	<a href="#">2405</a>	<a href="#">1.47</a>	<a href="#">0.00497</a>
08	<a href="#">2440</a>	<a href="#">1.5</a>	<a href="#">0.00500</a>
16	<a href="#">2480</a>	<a href="#">-17.8</a>	<a href="#">0.00006</a>

The MPE is calculated as [0.00500](#) mW / cm<sup>2</sup> < limit 1 mW / cm<sup>2</sup>. So, RF exposure limit warning or SAR test are not required.

For 2405-2480 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.