

## 1.1. Test Result of RF Exposure Evaluation

- . Product: HotPort Wireless Mesh Node
- . Test Item: RF Exposure Evaluation Data
- . Test site: OATSI-SD
- . Test Mode: Normal Operation

### 1.1.1. Antenna Gain

The maximum Gain is 3.0 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: IEEE 802.11b

Test Date: Feb. 17, 2005      Temperature: 23      Humidity: 69%

Channel	Channel Frequency (MHz)	Output Power to Antenna (dBm)	Power Density (S) (mW/cm <sup>2</sup> )
01	2412	12.91	0.0080
06	2437	13.44	0.0090
11	2462	12.60	0.0070

Modulation Standard: IEEE 802.11g

Test Date: Feb. 17, 2005      Temperature: 23      Humidity: 69%

Channel	Channel Frequency (MHz)	Output Power to Antenna (dBm)	Power Density (S) (mW/cm <sup>2</sup> )
01	2412	14.20	0.0100
06	2437	14.54	0.0110
11	2462	14.66	0.0120

The MPE is calculated as  $0.0120 \text{ mW} / \text{cm}^2 < \text{limit } 1 \text{ mW} / \text{cm}^2$ . So, RF exposure limit warning or SAR test are not required.