

1.1. Test Result of RF Exposure Evaluation

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

1.1.1. Antenna Gain

The maximum Gain is 1.0 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: May. 18, 2004 Temperature: 25°C Humidity: 58%

Channel	Channel Frequency (MHz)	Output Power to Antenna (dBm)	Power Density (S) (mW/cm ²)
01	2412	14.85	0.0077
06	2437	12.36	0.0043
11	2462	11.62	0.0036

Modulation Standard: IEEE 802.11g

Test Date: May. 18, 2004 Temperature: 25°C Humidity: 58%

Channel	Channel Frequency (MHz)	Output Power to Antenna (dBm)	Power Density (S) (mW/cm ²)
01	2412	10.29	0.0027
06	2437	10.28	0.0027
11	2462	10.04	0.0025

The MPE is calculated as $0.0077 \text{ mW} / \text{cm}^2 < \text{limit } 1 \text{ mW} / \text{cm}^2$. So, RF exposure limit warning or SAR test are not required.