

1.1. Test Result of RF Exposure Evaluation

- . Product: A or G 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 2.0 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 (11 Mbps)

Test Date: Apr. 11, 2005

Temperature: 25

Humidity: 71%

Channel	Channel Frequency (MHz)	Output Power to Antenna (dBm)	Power Density (S) (mW/cm ²)
01	2412	17.87	0.0190
06	2437	17.51	0.0180
11	2462	17.90	0.0190

Modulation Standard: IEEE 802.11g

Test Date: Apr. 11, 2005

Temperature: 25

Humidity: 71%

Channel	Channel Frequency (MHz)	Output Power to Antenna (dBm)	Power Density (S) (mW/cm ²)
01	2412	15.75	0.0120
06	2437	15.86	0.0120
11	2462	15.76	0.0120

The MPE is calculated as $0.0190 \text{ mW} / \text{cm}^2 < \text{limit } 1 \text{ mW} / \text{cm}^2$. So, RF exposure limit warning or SAR test are not required.