

1.1. Test Result of RF Exposure Evaluation

- . Product: 802.11g wireless mini PCI LAN card
- . Test Item: RF Exposure Evaluation Data
- . Test site: OATSI-SD
- . Test Mode: Normal Operation

1.1.1. Antenna Gain

The maximum Gain is 1.8 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: Sep. 10, 2004 Temperature: 25 Humidity: 61 %

Channel	Channel Frequency (MHz)	Output Power to Antenna (dBm)	Power Density (S) (mW/cm ²)
01	2412	15.16	0.0099
06	2437	15.17	0.0099
11	2462	15.32	0.0103

Modulation Standard: IEEE 802.11g

Test Date: Sep. 10, 2004 Temperature: 25 Humidity: 61 %

Channel	Channel Frequency (MHz)	Output Power to Antenna (dBm)	Power Density (S) (mW/cm ²)
01	2412	13.58	0.0069
06	2437	13.36	0.0065
11	2462	13.63	0.0069

The MPE is calculated as $0.0099 \text{ mW} / \text{cm}^2 < \text{limit } 1 \text{ mW} / \text{cm}^2$. So, RF exposure limit warning or SAR test are not required.