

1.1. Test Result of RF Exposure Evaluation

- . Product: 11g 8 port wireless VPN router
- . Test Item: RF Exposure Evaluation Data
- . Test site: OATSI-SD
- . Test Mode: Transmit / Receive

1.1.1. Antenna Gain

The maximum Gain is 5.0 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: Aug. 23, 2005 Temperature: 25 Humidity: 70%

Channel	Channel Frequency (MHz)	Output Power to Antenna (dBm)	Power Density (S) (mW/cm ²)
01	2412	17.23	0.033
06	2437	17.77	0.038
11	2462	17.68	0.037

Modulation Standard: IEEE 802.11g

Test Date: Aug. 23, 2005 Temperature: 25 Humidity: 70%

Channel	Channel Frequency (MHz)	Output Power to Antenna (dBm)	Power Density (S) (mW/cm ²)
01	2412	15.83	0.024
06	2437	15.94	0.025
11	2462	15.89	0.024

The MPE is calculated as $0.038 \text{ mW} / \text{cm}^2 < \text{limit } 1 \text{ mW} / \text{cm}^2$. So, RF exposure limit warning or SAR test are not required.