

1.1. Test Result of RF Exposure Evaluation

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

1.1.1. Antenna Gain

The maximum Gain is 1.8dBi.

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: Jul. 09, 2004 Temperature: 24 Humidity: 58%

Channel	Channel Frequency (MHz)	Output Power to Antenna (dBm)	Power Density (S) (mW/Cm ²)
01	2412	20.35	0.0326
06	2437	19.06	0.0243
11	2462	17.03	0.0156

Modulation Standard: IEEE 802.11g

Test Date: Jul. 09, 2004 Temperature: 24 Humidity: 58%

Channel	Channel Frequency (MHz)	Output Power to Antenna (dBm)	Power Density (S) (mW/Cm ²)
01	2412	16.51	0.0135
06	2437	16.81	0.0144
11	2462	16.88	0.0147

- . The MPE is calculated as $0.033\text{mW} / \text{cm}^2 < \text{limit } 1 \text{ mW} / \text{cm}^2$. So, RF exposure limit warning or SAR test are not required.