

## 1.1. Test Result of RF Exposure Evaluation

- . Product: ADSL VoIP 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

Test Date: Jul. 01, 2005      Temperature: 27      Humidity: 55%

Channel	Channel Frequency (MHz)	Output Power to Antenna (dBm)	Power Density (S) (mW/cm <sup>2</sup> )
01	2412	12.89	0.0060
06	2437	12.43	0.0060
11	2462	12.32	0.0050

Modulation Standard: IEEE 802.11g

Test Date: Jul. 01, 2005      Temperature: 27      Humidity: 55%

Channel	Channel Frequency (MHz)	Output Power to Antenna (dBm)	Power Density (S) (mW/cm <sup>2</sup> )
01	2412	12.98	0.0060
06	2437	12.82	0.0060
11	2462	12.76	0.0060

The MPE is calculated as  $0.0060 \text{ mW} / \text{cm}^2 < \text{limit } 1 \text{ mW} / \text{cm}^2$ . So, RF exposure limit warning or SAR test are not required.