

## 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°C      Humidity: 71%

| Channel | Channel Frequency (MHz) | Output Power to Antenna (dBm) | Power Density (S) (mW/cm <sup>2</sup> ) |
|---------|-------------------------|-------------------------------|-----------------------------------------|
| 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°C      Humidity: 71%

| Channel | Channel Frequency (MHz) | Output Power to Antenna (dBm) | Power Density (S) (mW/cm <sup>2</sup> ) |
|---------|-------------------------|-------------------------------|-----------------------------------------|
| 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.