

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

Frequency Range: 5.15-5.35 GHz

Atmospheric pressure: 1021 mmHg

Transmit Rate: 54 Mbps

Test Date: May. 06, 2005

Temperature: 25

Humidity: 55%

Channel	Channel Frequency (MHz)	Output Power to Antenna (dBm)	Power Density (S) (mW/cm ²)
01	5180	14.68	0.0090
04	5240	14.41	0.0090
05	5260	14.46	0.0090
08	5320	14.48	0.0090

Frequency Range: 5.725-5.850 GHz

Atmospheric pressure: 1021 mmHg

Transmit Rate: 54 Mbps

Test Date: May. 06, 2005

Temperature: 25

Humidity: 55%

Channel	Channel Frequency (MHz)	Output Power to Antenna (dBm)	Power Density (S) (mW/cm ²)
09	5745	16.03	0.0130
11	5785	15.48	0.0110
13	5825	15.20	0.0100

The MPE is calculated as $0.0130 \text{ mW} / \text{cm}^2 < \text{limit } 1 \text{ mW} / \text{cm}^2$. So, RF exposure limit warning or SAR test are not required.