

1.1. Test Result of RF Exposure Evaluation

Product	:	Wireless Router
Test Item	:	RF Exposure Evaluation data
Test site	:	OATSI-SD
Test Mode	:	802.11b

1.1.1. Antenna Gain

The maximum Gain is 1.8 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. 21, 2004 Temperature: 25 °C Humidity: 61%

Channel	Channel Frequency (MHz)	Output Power to Antenna (dBm)	Power Density(S) (mW/Cm ²)
01	2412	19.57	0.0273
06	2437	19.27	0.0255
11	2462	18.92	0.0235

The MPE is calculated as $0.0273 \text{ mW} / \text{cm}^2 < \text{limit } 1 \text{ mW} / \text{cm}^2$. So, RF exposure limit warning or SAR test are not required..