

1.1. Test Result of RF Exposure Evaluation

Product	:	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 +1.0dBi.

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: Aug. 15, 2004 Temperature: 24 Humidity: 60%

Channel	Channel Frequency (MHz)	Output Power to Antenna (dBm)	Power Density (S) (mW/Cm ²)
01	2412	20.83	0.0303
06	2437	21.95	0.0393
11	2462	19.81	0.0240

Modulation Standard: IEEE 802.11g

Test Date: Aug. 15, 2004 Temperature: 24 Humidity: 60%

Channel	Channel Frequency (MHz)	Output Power to Antenna (dBm)	Power Density (S) (mW/Cm ²)
01	2412	16.44	0.0110
06	2437	17.88	0.0154
11	2462	15.61	0.0091

The MPE is calculated as $0.0393 \text{ mWcm}^2 < \text{limit } 1 \text{ mW} / \text{cm}^2$. So, RF exposure limit warning or SAR test are not required