

1.1. Test Result of RF Exposure Evaluation

- . Product: IEEE802.11 B/G Wireless AP ROUTER
- Test Item: RF Exposure Evaluation Data
- . Test site: OATS
- . Test Mode: Normal Operation

1.1.1. Antenna Gain The maximum Gain is 2.00 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: DSSS

Test Date: Nov 18, 2009 Temperature: 30°C Humidity: 60%

TX B MODE CH01, CH06, CH11

Channel	Channel Frequency (MHz)	Output Power to Antenna (dBm)	Power Density (S) (mW/cm ²)
01	2412	8.32	0.002143
06	2437	9.87	0.003062
11	2462	10.20	0.003303

Modulation Standard: OFDM

Test Date: Nov 18, 2009 Temperature: 30°C Humidity: 60%

TX G MODE CH01, CH06, CH11

Channel	Channel Frequency (MHz)	Output Power to Antenna (dBm)	Power Density (S) (mW/cm ²)
01	2412	7.94	0.001963
06	2437	8.86	0.002426
11	2462	9.49	0.002805

The MPE is calculated as **0.003303** mW / cm² < limit 1 mW / cm². So, RF exposure limit warning or SAR test are not required.

a For 2412~2462 MHz, the EUT will only be used with a separation of 20cm or greater between the antenna and nearby persons and can therefore be considered a mobile transmitter per 47CFR2.1091 (b).

The RF Exposure Information page from the manual is included here for reference.