

1.1. Test Result of RF Exposure Evaluation

Product: 802.11g Wireless Access Point
Test Item: RF Exposure Evaluation Data
Test site: OATSI-SD
Test Mode: Normal Operation
Operation Frequency: 2412~2462 MHz

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: DSSS

Test Date: Sep 5, 2009 Temperature: 30°C Humidity: 60%

TX B MODE CH01, CH06, CH11

Antenna Gain (dBi)	Antenna Gain (numeric)	Peak Output Power (dBm)	Peak Output Power (mW)	Power Density (S) (mW/cm ²)	Limit of Power Density (S) (mW/cm ²)	Test Result
2.0	1.5849	11.52	14.1906	0.00447662	1	Complies
2.0	1.5849	11.37	13.7088	0.00432464	1	Complies
2.0	1.5849	11.09	12.8529	0.00405462	1	Complies

Modulation Standard: OFDM

Test Date: Sep 5, 2009 Temperature: 30°C Humidity: 60%

TX G MODE CH01, CH06, CH11

Antenna Gain (dBi)	Antenna Gain (numeric)	Peak Output Power (dBm)	Peak Output Power (mW)	Power Density (S) (mW/cm ²)	Limit of Power Density (S) (mW/cm ²)	Test Result
2.0	1.5849	13.37	21.7270	0.00685410	1	Complies
2.0	1.5849	13.76	23.7684	0.00749809	1	Complies
2.0	1.5849	14.01	25.1768	0.00794237	1	Complies

The MPE is calculated as $0.00794237 \text{ mW} / \text{cm}^2 < \text{limit } 1 \text{ mW} / \text{cm}^2$. 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 2.5cm 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.