

1.1. Test Result of RF Exposure Evaluation

- . Product: Wireless Access Point
- . Test Item: RF Exposure Evaluation Data
- . Test site: OATSI-SD
- . Test Mode: Normal Operation

1.1.1. Antenna Gain

Dipole antenna, 3 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

Test Date: Jun. 12, 2009

Temperature: 27°C

Atmospheric pressure: 1015 hPa

Humidity: 65%

Modulation Standard	Channel	Frequency (MHz)	Output Power to Antenna (dBm)	Power Density (S) (mW/cm ²)
802.11b (11Mbps)	01	2412	17.29	0.021
	06	2437	17.47	0.022
	11	2462	17.43	0.022
802.11g (54Mbps)	01	2412	13.54	0.009
	06	2437	13.28	0.008
	11	2462	13.71	0.009

The MPE is calculated as $0.022\text{mW} / \text{cm}^2 < \text{limit } 1 \text{ mW} / \text{cm}^2$. So, RF exposure limit warning or SAR test are not required.

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.