1.1. Test Result of RF Exposure Evaluation

. Product: 802.11a+g Wireless Access Point

. Test Item: RF Exposure Evaluation Data

. Test site: OATSI-SD

. Test Mode: Normal Operation

1.1.1. Antenna Gain

The maximum Gain is 5.0 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: IEEE 802.11b

Test Date: Oct. 24, 2007 Temperature: 25℃ Humidity: 62%

Channel	Channel Frequency (MHz)	Output Power to Antenna (dBm)	Power Density (S) (mW/cm^2)
01	2412	17.18	0.033
06	2437	17.73	0.037
11	2462	17.87	0.039

Modulation Standard: IEEE 802.11g

Test Date: Oct. 24, 2007 Temperature: 25℃ Humidity: 62%

Channel	Channel Frequency (MHz)	Output Power to Antenna (dBm)	Power Density (S) (mW/cm^2)
01	2412	16.28	0.027
06	2437	14.42	0.017
11	2462	15.13	0.020

Modulation Standard: IEEE 802.11a

Test Date: Jun. 28, 2006 Temperature: 24℃ Humidity: 68%

Channel	Channel Frequency (MHz)	Output Power to Antenna (dBm)	Power Density (S) (mW/cm^2)
36	5180	14.56	0.018
44	5220	14.56	0.018
48	5240	14.38	0.017

Modulation Standard: IEEE 802.11a

Test Date: Oct. 19, 2007 Temperature: 24℃ Humidity: 64%

Channel	Channel Frequency (MHz)	Output Power to Antenna (dBm)	Power Density (S) (mW/cm^2)
09	5745	13.71	0.015
11	5785	13.87	0.015
13	5825	13.75	0.015

The MPE is calculated as 0.039 mW / cm^2 < limit 1 mW / 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.