

1.1. Test Result of RF Exposure Evaluation

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

1.1.1. Antenna Gain The maximum Gain is 3.0 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: Jun 2, 2010 Temperature:24°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	11.11	0.00512803
06	2437	10.96	0.00495394
11	2462	11.29	0.00534503

Modulation Standard: OFDM

Test Date: Jun 2, 2010 Temperature:24°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	11.70	0.00587422
06	2437	11.23	0.00527170
11	2462	11.72	0.00590134

Modulation Standard: OFDM

Test Date: Jun 2, 2010 Temperature:24°C Humidity: 60%

TX N-20M MODE CH01, CH06, CH11

Channel	Channel Frequency (MHz)	Output Power to Antenna (dBm)	Power Density (S) (mW/cm ²)
01	2412	17.17	0.020699
06	2437	17.12	0.020462
11	2462	17.16	0.020651

Modulation Standard: OFDM

Test Date: Jun 2, 2010 Temperature:24°C Humidity: 60%

TX N-40M MODE CH03, CH06, CH09

Channel	Channel Frequency (MHz)	Output Power to Antenna (dBm)	Power Density (S) (mW/cm ²)
03	2422	17.43	0.021976
06	2437	17.01	0.019950
09	2452	16.96	0.019722

The max out EIRP output power of this device is 17.43dBm which is below the threshold Level of 13.86dBm for SAR requirements, 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.