1.1. Test Result of RF Exposure Evaluation

. Product: MultiFunction Router

. Test Item: RF Exposure Evaluation Data

. Test site: OATSI-SD

. Test Mode: Normal Operation

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 of 20 cm

Modulation Standard: IEEE 802.11b

Test Date: March. 29, 2007 Temperature: 25℃ Humidity: 65%

Channel	Channel Frequency (MHz)	Output Power to Antenna (dBm)	Power Density (S) (mW/cm^2)
01	2412	24.46	0.088
06	2437	24.72	0.093
11	2462	25.13	0.103

Modulation Standard: IEEE 802.11g

Test Date: March. 29, 2007 Temperature: 25℃ Humidity: 65%

Channel	Channel Frequency (MHz)	Output Power to Antenna (dBm)	Power Density (S) (mW/cm^2)
01	2412	20.55	0.036
06	2437	21.20	0.042
11	2462	21.78	0.048

The MPE is calculated as 0.103 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.