1.1. Test Result of RF Exposure Evaluation

. Product: TANGENT QUATTRO MKII

. 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

Modulation Standard: IEEE 802.11b

Test Date: Jan. 02, 2008 Temperature: 26 ℃ Humidity: 60%

Channel	Channel Frequency (MHz)	Output Power to Antenna (dBm)	Power Density (S) (mW/cm^2)
01	2412	18.50	0.022333
06	2437	18.60	0.022853
11	2462	18.80	0.023930

Modulation Standard: IEEE 802.11g

Test Date: Jan. 02, 2008 Temperature: 26 ℃ Humidity: 60%

Channel	Channel Frequency (MHz)	Output Power to Antenna (dBm)	Power Density (S) (mW/cm^2)
01	2412	21.06	0.040267
06	2437	21.23	0.041875
11	2462	21.42	0.043747

The MPE is calculated as 0.043747 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.