## 1.1. Test Result of RF Exposure Evaluation

. Product: 802.11g 54Mbps Wireless LAN Cardbus Adapter
. Test Item: RF Exposure Evaluation Data

. Test site: OATSI-SD

. Test Mode: Normal Operation

1.1.1. Antenna Gain

The maximum Gain is 0.0 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 at 2.5cm

Modulation Standard: DSSS
Test Date: Jun. 26, 2008 Temperature: 25℃ Humidity: 60%

| Channel | Channel Frequency (MHz) | Output Power to Antenna (dBm) | Power Density (S) ($mW/cm^2$) |
|---|---|---|---|
| 01 | 2412 | 12.36 | 0.2193 |
| 06 | 2437 | 12.41 | 0.2219 |
| 11 | 2462 | 12.31 | 0.2168 |

Modulation Standard: OFDM
Test Date: Jun. 26, 2008 Temperature: 25℃ Humidity: 60%

| Channel | Channel Frequency (MHz) | Output Power to Antenna (dBm) | Power Density (S) ($mW/cm^2$) |
|---|---|---|---|
| 01 | 2412 | 11.68 | 0.1876 |
| 06 | 2437 | 11.97 | 0.2005 |
| 11 | 2462 | 11.04 | 0.1619 |

The MPE is calculated as 0.2219 mW / $cm^2$ < limit 1 mW / $cm^2$. 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 2.5cm 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.