

1.1. Test Result of RF Exposure Evaluation

- . Product: 802.11 Wireless Device Sever
- . Test Item: RF Exposure Evaluation Data
- . Test site: OATSI-SD
- . Test Mode: Transmit / Receive

1.1.1. Antenna Gain

Antenna Gain is 3 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

Frequency Range: 5.15 – 5.35 GHz Test Rate: 802.11a (54 Mbps)
Test Date: Apr. 29, 2006 Temperature: 25 Humidity: 68%

Channel	Channel Frequency (MHz)	Output Power to Antenna (dBm)	Power Density (S) (mW/cm ²)
01	5180	15.88	0.0150
04	5240	15.97	0.0160
05	5260	15.97	0.0160
08	5320	15.99	0.0160

Frequency Range: 5.725 – 5.850 GHz Test Rate: 802.11a (54 Mbps)
Test Date: Apr. 29, 2006 Temperature: 25 Humidity: 68%

Channel	Channel Frequency (MHz)	Output Power to Antenna (dBm)	Power Density (S) (mW/cm ²)
09	5745	15.90	0.0150
11	5785	15.23	0.0130
13	5825	14.59	0.0110

The MPE is calculated as $0.0160 \text{ mW} / \text{cm}^2 < \text{limit } 1 \text{ mW} / \text{cm}^2$. So, RF exposure limit warning or SAR test are not required.

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.