

1.1. Test Result of RF Exposure Evaluation

- . Product: Wireless Print Server
- . Test Item: RF Exposure Evaluation Data
- . Test site: OATSI-SD
- . Test Mode: Normal Operation

1.1.1. Antenna Gain

The maximum Gain is 5.0 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

Frequency Range: 5.15-5.35 GHz

Test Mode: Normal Transmit Rate: 6 Mbps Atmospheric pressure: 1032 mmHg

Test Date: March. 1, 2005 Temperature: 22 Humidity: 58%

Channel	Channel Frequency (MHz)	Output Power to Antenna (dBm)	Power Density (S) (mW/cm ²)
01	5180	15.97	0.0250
04	5240	15.51	0.0220
05	5260	15.13	0.0200
08	5320	14.89	0.0190

Frequency Range: 5.725-5.850 GHz

Test Mode: Normal Transmit Rate: 6 Mbps Atmospheric pressure: 1032 mmHg

Test Date: March. 1, 2005 Temperature: 22 Humidity: 58%

Channel	Channel Frequency (MHz)	Output Power to Antenna (dBm)	Power Density (S) (mW/cm ²)
09	5745	15.22	0.0210
11	5785	14.39	0.0170
13	5825	13.72	0.0150

The MPE is calculated as $0.0250 \text{ mW} / \text{cm}^2 < \text{limit } 1 \text{ mW} / \text{cm}^2$. So, RF exposure limit warning or SAR test are not required.