

## 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

Antenna 1: The maximum Gain is 2.0 dBi.

Antenna 2: 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

Antenna 1

Modulation Standard: IEEE 802.11b

Test Date: Jan. 11, 2005      Temperature: 25      Humidity: 62%

Channel	Channel Frequency (MHz)	Output Power to Antenna (dBm)	Power Density (S) (mW/cm <sup>2</sup> )
01	2412	12.13	0.0054
06	2437	12.50	0.0056
11	2462	12.47	0.0056

Modulation Standard: IEEE 802.11g

Test Date: Jan. 11, 2005      Temperature: 25      Humidity: 62%

Channel	Channel Frequency (MHz)	Output Power to Antenna (dBm)	Power Density (S) (mW/cm <sup>2</sup> )
01	2412	16.44	0.0139
06	2437	16.39	0.0137
11	2462	16.26	0.0133

Antenna 2

Modulation Standard: IEEE 802.11b

Test Date: Jan. 11, 2005      Temperature: 25      Humidity: 62%

Channel	Channel Frequency (MHz)	Output Power to Antenna (dBm)	Power Density (S) (mW/cm <sup>2</sup> )
01	2412	12.30	0.0107
06	2437	12.50	0.0112
11	2462	12.47	0.0111

Modulation Standard: IEEE 802.11g

Test Date: Jan. 11, 2005      Temperature: 25      Humidity: 62%

Channel	Channel Frequency (MHz)	Output Power to Antenna (dBm)	Power Density (S) (mW/cm <sup>2</sup> )
01	2412	16.44	0.0277
06	2437	16.39	0.0274
11	2462	16.26	0.0266

The MPE is calculated as  $0.0277 \text{ mW} / \text{cm}^2 < \text{limit } 1 \text{ mW} / \text{cm}^2$ . So, RF exposure limit warning or SAR test are not required.