

1.1. Test Result of RF Exposure Evaluation

- . Product: HomePlug 802.11g Access Point
- . Test Item: RF Exposure Evaluation Data
- . Test site: OATSI-SD
- . Test Mode: Normal Operation

1.1.1. Antenna Gain

The maximum Gain is 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: Apr. 26, 2005 Temperature: 25 Humidity: 68%

Channel	Channel Frequency (MHz)	Output Power to Antenna (dBm)	Power Density (S) (mW/cm ²)
01	2412	13.01	0.0040
06	2437	12.89	0.0040
11	2462	12.24	0.0030

Modulation Standard: IEEE 802.11g

Test Date: May. 18, 2004 Temperature: 25 Humidity: 58%

Channel	Channel Frequency (MHz)	Output Power to Antenna (dBm)	Power Density (S) (mW/cm ²)
01	2412	12.21	0.0030
06	2437	13.18	0.0040
11	2462	13.28	0.0040

The MPE is calculated as $0.0040 \text{ mW} / \text{cm}^2 < \text{limit } 1 \text{ mW} / \text{cm}^2$. So, RF exposure limit warning or SAR test are not required.