

1.1. Test Result of RF Exposure Evaluation

- . Product: [XGATE WIRELESS ADSL2/2+SECURITY DEVICE](#)
- . Test Item: [RF Exposure Evaluation Data](#)
- . Test site: [OATSI-SD](#)
- . Test Mode: [Normal Operation](#)

1.1.1. Antenna Gain

The maximum Gain is [-5.9](#) 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: GFSK

Test Date: [Dec. 14, 2007](#)

Temperature: [25°C](#)

Humidity: [58%](#)

Channel	Channel Frequency (MHz)	Output Power to Antenna (dBm)	Power Density (S) (mW/cm ²)
01	2402	-16.49	0.00000115
12	2448	-15.94	0.00000130
08	2480	-19.09	0.00000063

The MPE is calculated as [0.00000130](#) mW / cm² < limit 1 mW / cm². So, RF exposure limit warning or SAR test are not required.

For 2402-2480 MHz, 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.