

1.1. Test Result of RF Exposure Evaluation

- . Product: Safe@office/VPN-1 Edge
- . Test Item: RF Exposure Evaluation Data
- . Test Mode: Normal Operation

1.1.1. Antenna R Gain: Dipole Antenna, 2dBi

Antenna L Gain: Dipole Antenna, 2dBi

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

Test Date: Aug. 31, 2009 Temperature: 27°C Humidity: 65%

Modulation Standard	Channel	Frequency (MHz)	Out put power to Antenna (dBm)	Power Density (S) (mW/cm ²)
ANT L				
802.11b (11Mbps)	01	2412	21.18	0.041
	06	2437	25.27	0.106
	11	2462	25.10	0.102
802.11g (54Mbps)	01	2412	22.01	0.050
	06	2437	23.37	0.069
	11	2462	22.69	0.059
ANT R				
802.11b (11Mbps)	01	2412	21.40	0.044
	06	2437	23.25	0.067
	11	2462	22.00	0.050
802.11g (54Mbps)	01	2412	19.19	0.026
	06	2437	22.64	0.058
	11	2462	18.22	0.021

The MPE is calculated as $0.106\text{mW} / \text{cm}^2 < \text{limit } 1\text{ mW} / \text{cm}^2$. So, RF exposure limit warning or SAR test are not required.

For 2412-2462 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.