1.1. Test Result of RF Exposure Evaluation

. Product: HotPort Wireless Mesh Node

. 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 19.0 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

Test Date: July 19, 2005 Temperature: 28℃ Humidity: 68%
Transmit Rate: 6 Mbps Atmospheric pressure: 1038mmHg
Frequency Range: 5.25-5.35 GHz

Channel	Channel Frequency (MHz)	Output Power to Antenna (dBm)	Power Density (S) (mW/cm^2)
01	5180	---	---
04	5240	---	---
05	5260	6.29	0.0670
08	5320	6.75	0.0750

Frequency Range: 5.725-5.850 GHz

Channel	Channel Frequency (MHz)	Output Power to Antenna (dBm)	Power Density (S) (mW/cm^2)
09	5745	16.70	0.7390
11	5785	15.12	0.5140
13	8525	14.06	0.4020

The MPE is calculated as 0.7390 mW / cm^2 < limit 1 mW / cm^2. So, RF exposure limit warning or SAR test are not required.