

11.MPE ESTIMATION

11.1.Limit for General Population/ Uncontrolled Exposures

| Frequency | Power density (mW/ cm ²) | Averaging time(minutes) |
|------------------|--------------------------------------|-------------------------|
| 300MHz----1.5GHz | F/1500 | 30 |
| 1.5GHz---100GHz | 1.0 | 30 |

| Frequency(MHz) | Power density (mW/ cm ²) | Averaging time(minutes) |
|----------------|--------------------------------------|-------------------------|
| 2412 | 1 | 30 |
| 2437 | 1 | 30 |
| 2462 | 1 | 30 |

11.2. Estimation Result

| | | |
|--------------------------------------|---------------------|--------------------|
| EUT: 300M Wireless N Mini PCI Module | | |
| M/N: PW-MN561 | | |
| Test date: 2011-08-28 | Pressure: 100.5 kpa | Humidity: 49% |
| Tested by: Leo-Li | Test site: RF Site | Temperature : 25°C |

| Cable loss: 1 dB | | Attenuator loss: 20 dB | | | | Antenna Gain: 0 dBi | |
|------------------|------|------------------------|-------------------------|-------------------|--------------------|-----------------------|--------|
| Test Mode | CH | Frequency (MHz) | Peak Output Power (dBm) | Output Power (mW) | Antenna Gain (dBi) | Antenna Gain (Linear) | MPE |
| 11b | CH1 | 2412 | 15.31 | 33.96 | 0 | 1.00 | 0.0068 |
| | CH6 | 2437 | 14.86 | 30.62 | 0 | 1.00 | 0.0061 |
| | CH11 | 2462 | 15.41 | 34.75 | 0 | 1.00 | 0.0069 |
| 11g | CH1 | 2412 | 19.54 | 89.95 | 0 | 1.00 | 0.0179 |
| | CH6 | 2437 | 20.4 | 109.65 | 0 | 1.00 | 0.0218 |
| | CH11 | 2462 | 18.67 | 73.62 | 0 | 1.00 | 0.0147 |
| 11n HT20 | CH1 | 2412 | 19.95 | 98.86 | 0 | 1.00 | 0.0197 |
| | CH6 | 2437 | 24.88 | 307.61 | 0 | 1.00 | 0.0612 |
| | CH11 | 2462 | 20.76 | 119.12 | 0 | 1.00 | 0.0237 |
| 11n HT40 | CH1 | 2422 | 17.44 | 55.46 | 0 | 1.00 | 0.0110 |
| | CH4 | 2437 | 24.47 | 279.90 | 0 | 1.00 | 0.0557 |
| | CH7 | 2452 | 18.66 | 73.45 | 0 | 1.00 | 0.0146 |

Note: The estimation distance is 20cm