

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

Note: F= Frequency in MHz

11.2. Estimation Result

EUT: 150Mbps Wireless N USB Module		
M/N: PW-MN427_56I		
Test date: 2013-01-26	Pressure: 101.2±1.0 kpa	Humidity: 51.6±3.0%
Tested by: Leo-Li	Test site: RF Site	Temperature : 20.8±0.6°C

Cable loss: 1 dB		Attenuator loss: 20 dB				Antenna Gain: 3.4dBi	
Test Mode	CH	Frequency (MHz)	Peak Output Power (dBm)	Output Power (mW)	Antenna Gain (dBi)	Antenna Gain (Linear)	MPE
11b	CH1	2412	18.48	70.47	3.4	2.19	0.0307
	CH6	2437	17.95	62.37	3.4	2.19	0.0272
	CH11	2462	17.23	52.84	3.4	2.19	0.0230
11g	CH1	2412	21.59	144.21	3.4	2.19	0.0628
	CH6	2437	20.96	124.74	3.4	2.19	0.0543
	CH11	2462	20.51	112.46	3.4	2.19	0.0490
11n HT20	CH1	2412	21.98	157.76	3.4	2.19	0.0687
	CH6	2437	21.43	139.00	3.4	2.19	0.0605
	CH11	2462	20.82	120.78	3.4	2.19	0.0526
11n HT40	CH1	2422	21.55	142.89	3.4	2.19	0.0622
	CH4	2437	22.34	171.40	3.4	2.19	0.0746
	CH7	2452	22.26	168.27	3.4	2.19	0.0733