

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 PCI Adapter		
M/N: PW-DN451D		
Test date: 2012-04-19	Pressure: 100.6 kpa	Humidity: 49%
Tested by: Leo-Li	Test site: RF Site	Temperature : 25°C

Cable loss: 1 dB		Attenuator loss: 20 dB				Antenna Gain: 2 dBi	
Test Mode	CH	Frequency (MHz)	Peak Output Power (dBm)	Output Power (mW)	Antenna Gain (dBi)	Antenna Gain (Linear)	MPE
11b	CH1	2412	14.19	26.24	2	1.58	0.0083
	CH6	2437	14.68	29.38	2	1.58	0.0093
	CH11	2462	15.06	32.06	2	1.58	0.0101
11g	CH1	2412	20.94	124.17	2	1.58	0.0392
	CH6	2437	24.44	277.97	2	1.58	0.0877
	CH11	2462	18.65	73.28	2	1.58	0.0231
11n HT20	CH1	2412	19.35	86.10	2	1.58	0.0272
	CH6	2437	23.84	242.10	2	1.58	0.0764
	CH11	2462	18.47	70.31	2	1.58	0.0222
11n HT40	CH1	2412	17.16	52.00	2	1.58	0.0164
	CH4	2437	23.53	225.42	2	1.58	0.0711
	CH7	2462	16.69	46.67	2	1.58	0.0147