

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: RF Module		
M/N: WN7122G-CN		
Test date:2011-05-10	Pressure: 100.6 kpa	Humidity: 45 %
Tested by: Leo-Li	Test site: RF Site	Temperature : 25°C

Cable loss: 1 dB		Attenuator loss: 20 dB				Antenna Gain: 1.53 dBi	
Test Mode	CH	Frequency (MHz)	Peak Output Power (dBm)	Output Power (mW)	Antenna Gain (dBi)	Antenna Gain (Linear)	MPE
11b	CH1	2412	20.38	109.14	1.53	1.42	0.0309
	CH6	2437	19.13	81.85	1.53	1.42	0.0232
	CH11	2462	21.09	128.53	1.53	1.42	0.0364
11g	CH1	2412	18.81	76.03	1.53	1.42	0.0215
	CH6	2437	25.08	322.11	1.53	1.42	0.0912
	CH11	2462	23.57	227.51	1.53	1.42	0.0644
11n HT20	CH1	2412	19.28	84.72	1.53	1.42	0.0240
	CH6	2437	27.90	616.60	1.53	1.42	0.1746
	CH11	2462	24.50	281.84	1.53	1.42	0.0798
11n HT40	CH1	2412	18.74	74.82	1.53	1.42	0.0212
	CH4	2437	28.18	657.66	1.53	1.42	0.1862
	CH7	2462	23.20	208.93	1.53	1.42	0.0591

Note: The estimate distance is 20cm