

## 11.MPE ESTIMATION

### 11.1.Limit for General Population/ Uncontrolled Exposures

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

Frequency(MHz)	Power density (mW/ cm <sup>2</sup> )	Averaging time(minutes)
2412	1	30
2437	1	30
2462	1	30

Note: F= Frequency in MHz

### 11.2.2, Estimation Result

Mode	CH	Frequency (MHz)	PK Output power (dBm)	Output power (mW)	antenna Gain (dBi)	antenna Gain(linear)	MPE
11b	1	2412	21.30	134.90	5	3.16	0.0849
	6	2437	21.55	142.89	5	3.16	0.0899
	11	2462	21.78	150.66	5	3.16	0.0948
11g	1	2412	19.82	95.94	5	3.16	0.0604
	6	2437	22.78	189.67	5	3.16	0.1194
	11	2462	19.56	90.36	5	3.16	0.0569
11n HT20	1	2412	18.12	64.86	5	3.16	0.0408
	6	2437	22.50	177.83	5	3.16	0.1119
	11	2462	17.97	62.66	5	3.16	0.0394
11n HT40	1	2422	17.14	51.76	5	3.16	0.0326
	4	2437	20.80	120.23	5	3.16	0.0757
	7	2452	15.38	34.51	5	3.16	0.0217

Note: The estimation distance is 20cm