

## 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.Estimation Result

Mode	CH	Frequency (MHz)	PK Output power (dBm)	Output power (mW)	Antenna Gain (dBi)	Antenna Gain(linear)	MPE (mW/ cm <sup>2</sup> )
11b	1	2412	17.08	51.05	2	1.58	0.0161
	6	2437	18.23	66.53	2	1.58	0.0210
	11	2462	17.11	51.40	2	1.58	0.0162
11g	1	2412	20.78	119.67	2	1.58	0.0378
	6	2437	22.12	162.93	2	1.58	0.0514
	11	2462	22.05	160.32	2	1.58	0.0506
11n HT20	1	2412	22.69	185.78	2	1.58	0.0586
	6	2437	25.04	319.15	2	1.58	0.1007
	11	2462	23.28	212.81	2	1.58	0.0671
11n HT40	1	2422	18.91	77.80	2	1.58	0.0245
	4	2437	25.98	396.28	2	1.58	0.1250
	7	2452	18.28	67.30	2	1.58	0.0212

Note: The estimation distance is 20cm