

## 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	17.54	56.75	4	2.51	0.0284
	6	2437	16.97	49.77	4	2.51	0.0249
	11	2462	16.82	48.08	4	2.51	0.0240
11g	1	2412	19.56	90.36	4	2.51	0.0452
	6	2437	23.4	218.78	4	2.51	0.1094
	11	2462	19.35	86.10	4	2.51	0.0430
11n HT20	1	2412	18.52	71.12	4	2.51	0.0356
	6	2437	23.21	209.41	4	2.51	0.1047
	11	2462	19.38	86.70	4	2.51	0.0433
11n HT40	1	2422	14.83	30.41	4	2.51	0.0152
	4	2437	21.22	132.43	4	2.51	0.0662
	7	2452	15.04	31.92	4	2.51	0.0160

Note: The estimation distance is 20cm