

## 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	17.36	54.45	3	2.00	0.0216
	6	2437	18.38	68.87	3	2.00	0.0273
	11	2462	17.61	57.68	3	2.00	0.0229
11g	1	2412	20.36	108.64	3	2.00	0.0431
	6	2437	22.41	174.18	3	2.00	0.0692
	11	2462	20.56	113.76	3	2.00	0.0452
11n HT20	1	2412	24.84	304.79	3	2.00	0.1210
	6	2437	26.81	479.73	3	2.00	0.1905
	11	2462	25.28	337.29	3	2.00	0.1340
11n HT40	1	2422	17.79	60.12	3	2.00	0.0239
	4	2437	23.83	241.55	3	2.00	0.0959
	7	2452	17.44	55.46	3	2.00	0.0220

Note: The estimation distance is 20cm