

## 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
11b	1	2412	20.87	122.18	3	2.00	0.0485
	6	2437	20.52	112.72	3	2.00	0.0448
	11	2462	20.41	109.90	3	2.00	0.0436
11b	1	2412	21.06	127.64	3	2.00	0.0507
	6	2437	25.57	360.58	3	2.00	0.1432
	11	2462	22.08	161.44	3	2.00	0.0641
11n HT20	1	2412	19.72	93.76	3	2.00	0.0372
	6	2437	25.41	347.54	3	2.00	0.1380
	11	2462	20.16	103.75	3	2.00	0.0412
11n HT40	1	2422	15.8	38.02	3	2.00	0.0151
	4	2437	23.89	244.91	3	2.00	0.0973
	7	2452	16.56	45.29	3	2.00	0.0180