

## MPE ESTIMATION

### 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

### 2, Estimation Result

Mode	CH	Frequency (MHz)	PK Output power (dBm)	Output power (mW)	antenna Gain (dBi)	antenna Gain(linear)	MPE
11b	1	2412	23.46	221.82	2	1.58	0.0700
	6	2437	23.39	218.27	2	1.58	0.0689
	11	2462	23.59	228.56	2	1.58	0.0721
11g	1	2412	20.98	125.31	2	1.58	0.0395
	6	2437	22.34	171.40	2	1.58	0.0541
	11	2462	20.85	121.62	2	1.58	0.0384
11n HT20	1	2412	20.72	118.03	2	1.58	0.0372
	6	2437	21.89	154.53	2	1.58	0.0487
	11	2462	20.64	115.88	2	1.58	0.0366
11n HT40	1	2422	15.14	32.66	2	1.58	0.0103
	4	2437	18.92	77.98	2	1.58	0.0246
	7	2452	15.23	33.34	2	1.58	0.0105

Note: The estimation distance is 20cm