

11.MPE ESTIMATION

11.1.Limit for General Population/ Uncontrolled Exposures

Frequency	Power density (mW/ cm ²)	Averaging time(minutes)
300MHz----1.5GHz	F/1500	30
1.5GHz---100GHz	1.0	30

Frequency(MHz)	Power density (mW/ cm ²)	Averaging time(minutes)
2412	1	30
2437	1	30
2462	1	30

Note: F= Frequency in MHz

11.2.2, Estimation Result

Mode	CH	Frequency (MHz)	PK Output power (dBm)	Output power (mW)	Antenna Gain (dBi)	Antenna Gain(linear)	MPE
11b	1	2412	20.07	101.62	5	3.16	0.0640
	6	2437	20.38	109.14	5	3.16	0.0687
	11	2462	20.05	101.16	5	3.16	0.0637
11g	1	2412	20.45	110.92	5	3.16	0.0698
	6	2437	22.36	172.19	5	3.16	0.1084
	11	2462	20.11	102.57	5	3.16	0.0646
11n HT20	1	2412	22.69	185.78	5	3.16	0.1169
	6	2437	24.14	259.42	5	3.16	0.1633
	11	2462	22.94	196.79	5	3.16	0.1239
11n HT40	1	2422	21.94	156.31	5	3.16	0.0984
	4	2437	26.13	410.20	5	3.16	0.2582
	7	2452	21.67	146.89	5	3.16	0.0925

Note: The estimation distance is 20cm