

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

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	21.30	134.90	5	3.16	0.0849
	6	2437	21.83	152.41	5	3.16	0.0959
	11	2462	22.27	168.66	5	3.16	0.1062
11g	1	2412	18.60	72.44	5	3.16	0.0456
	6	2437	19.15	82.22	5	3.16	0.0518
	11	2462	19.63	91.83	5	3.16	0.0578

Note: The estimation distance is 20cm