

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.Estimation Result

Mode	CH	Frequency (MHz)	PK Output power (dBm)	Output power (mW)	Antenna Gain (dBi)	antenna Gain (linear)	MPE
11b	1	2412	19.56	90.36	2	1.58	0.0285
	6	2437	18.98	79.07	2	1.58	0.0249
	11	2462	18.66	73.45	2	1.58	0.0232
11b	1	2412	23.62	230.14	2	1.58	0.0726
	6	2437	22.89	194.54	2	1.58	0.0614
	11	2462	23.16	207.01	2	1.58	0.0653

Note: The estimation distance is 20cm