

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 (mW/ cm ²)
11b	1	2412	15.09	32.28	3	2.00	0.0128
	6	2437	15.39	34.59	3	2.00	0.0137
	11	2462	15.12	32.51	3	2.00	0.0129
11g	1	2412	25.27	336.51	3	2.00	0.1336
	6	2437	25.18	329.61	3	2.00	0.1309
	11	2462	23.04	201.37	3	2.00	0.0800
11n HT20	1	2412	24.98	314.77	3	2.00	0.1250
	6	2437	24.13	258.82	3	2.00	0.1028
	11	2462	22.13	163.31	3	2.00	0.0649
11n HT40	1	2422	24.14	259.42	3	2.00	0.1030
	4	2437	23.48	222.84	3	2.00	0.0885
	7	2452	21.74	149.28	3	2.00	0.0593

Note: The estimation distance is 20cm