

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	23.13	205.59	5	3.16	0.1294
	6	2437	23.26	211.84	5	3.16	0.1333
	11	2462	23.00	199.53	5	3.16	0.1256
11g	1	2412	23.54	225.94	5	3.16	0.1422
	6	2437	25.37	344.35	5	3.16	0.2167
	11	2462	23.08	203.24	5	3.16	0.1279
11n HT20	1	2412	22.79	190.11	5	3.16	0.1197
	6	2437	25.22	332.66	5	3.16	0.2094
	11	2462	23.07	202.77	5	3.16	0.1276
11n HT40	1	2422	20.63	115.61	5	3.16	0.0728
	4	2437	24.93	311.17	5	3.16	0.1959
	7	2452	20.31	107.40	5	3.16	0.0676

Note: The estimation distance is 20cm