

MPE ESTIMATION

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

2, Estimation Result

Mode	CH	Frequency (MHz)	PK Output power (dBm)	Output power (mW)	antenna Gain (dBi)	antenna Gain(linear)	MPE
11b	1	2412	22.05	160.32	4	2.51	0.0802
	6	2437	22.76	188.80	4	2.51	0.0944
	11	2462	22.56	180.30	4	2.51	0.0901
11g	1	2412	21.72	148.59	4	2.51	0.0743
	6	2437	24.25	266.07	4	2.51	0.1330
	11	2462	18.72	74.47	4	2.51	0.0372
11n HT20	1	2412	20.60	114.82	4	2.51	0.0574
	6	2437	24.05	254.10	4	2.51	0.1270
	11	2462	18.60	72.44	4	2.51	0.0362
11n HT40	1	2422	17.75	59.57	4	2.51	0.0298
	4	2437	21.19	131.52	4	2.51	0.0658
	7	2452	17.62	57.81	4	2.51	0.0289

Note: The estimation distance is 20cm