

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	20.43	110.41	3.62	2.30	0.0506
	6	2437	20.58	114.29	3.62	2.30	0.0524
	11	2462	20.86	121.90	3.62	2.30	0.0558
11g	1	2412	21.64	145.88	3.62	2.30	0.0668
	6	2437	24.98	314.77	3.62	2.30	0.1442
	11	2462	23.09	203.70	3.62	2.30	0.0933
11n HT20	1	2412	18.26	66.99	3.62	2.30	0.0307
	6	2437	22.76	188.80	3.62	2.30	0.0865
	11	2462	19.61	91.41	3.62	2.30	0.0419
11n HT40	1	2422	14.76	29.92	3.62	2.30	0.0137
	4	2437	19.26	84.33	3.62	2.30	0.0386
	7	2452	14.71	29.58	3.62	2.30	0.0136

Note: The estimation distance is 20cm