

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	19.62	91.62	5	3.16	0.0577
	6	2437	18.98	79.07	5	3.16	0.0498
	11	2462	18.79	75.68	5	3.16	0.0476
11b	1	2412	20.59	114.55	5	3.16	0.0721
	6	2437	23.12	205.12	5	3.16	0.1291
	11	2462	19.95	98.86	5	3.16	0.0622
11n HT20	1	2412	18.96	78.70	5	3.16	0.0495
	6	2437	22.95	197.24	5	3.16	0.1242
	11	2462	17.27	53.33	5	3.16	0.0336
11n HT40	1	2422	14.46	27.93	5	3.16	0.0176
	4	2437	21.69	147.57	5	3.16	0.0929
	7	2452	14.45	27.86	5	3.16	0.0175