

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	19.27	84.53	5	3.16	0.0532
	6	2437	22.65	184.08	5	3.16	0.1159
	11	2462	20.60	114.82	5	3.16	0.0723
11g	1	2412	21.52	141.91	5	3.16	0.0893
	6	2437	20.81	120.50	5	3.16	0.0758
	11	2462	20.88	122.46	5	3.16	0.0771
11n HT20	1	2412	20.34	108.14	5	3.16	0.0681
	6	2437	21.97	157.40	5	3.16	0.0991
	11	2462	17.72	59.16	5	3.16	0.0372
11n HT40	1	2422	11.24	13.30	5	3.16	0.0084
	4	2437	20.01	100.23	5	3.16	0.0631
	7	2452	14.45	27.86	5	3.16	0.0175

Note: The estimation distance is 20cm