

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	14.64	29.11	4	2.51	0.0146
	6	2437	15.67	36.90	4	2.51	0.0184
	11	2462	14.05	25.41	4	2.51	0.0127
11g	1	2412	18.26	66.99	4	2.51	0.0335
	6	2437	19.95	98.86	4	2.51	0.0494
	11	2462	17.89	61.52	4	2.51	0.0308
11n HT20	1	2412	22.55	179.89	4	2.51	0.0899
	6	2437	24.29	268.53	4	2.51	0.1343
	11	2462	22.80	190.55	4	2.51	0.0953
11n HT40	1	2422	20.34	108.14	4	2.51	0.0541
	4	2437	23.48	222.84	4	2.51	0.1114
	7	2452	20.32	107.65	4	2.51	0.0538

Note: The estimation distance is 20cm