

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	21.19	131.52	3	2.00	0.0522
	6	2437	21.70	147.91	3	2.00	0.0587
	11	2462	21.92	155.60	3	2.00	0.0618
11g	1	2412	20.59	114.55	3	2.00	0.0455
	6	2437	21.50	141.25	3	2.00	0.0561
	11	2462	21.45	139.64	3	2.00	0.0555
11n HT20	1	2412	20.29	106.91	3	2.00	0.0425
	6	2437	20.84	121.34	3	2.00	0.0482
	11	2462	21.12	129.42	3	2.00	0.0514
11n HT40	1	2422	20.25	105.93	3	2.00	0.0421
	4	2437	20.54	113.24	3	2.00	0.0450
	7	2452	18.30	67.61	3	2.00	0.0269

Note: The estimation distance is 20cm