

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 (mW/ cm ²)
11b	1	2412	23.71	234.96	5	3.16	0.1479
	6	2437	23.66	232.27	5	3.16	0.1462
	11	2462	23.41	219.28	5	3.16	0.1380
11g	1	2412	25.41	347.54	5	3.16	0.2188
	6	2437	28.03	635.33	5	3.16	0.3999
	11	2462	24.32	270.40	5	3.16	0.1702
11n HT20	1	2412	23.59	228.56	5	3.16	0.1439
	6	2437	28.06	639.73	5	3.16	0.4027
	11	2462	23.28	212.81	5	3.16	0.1340
11n HT40	1	2422	18.06	63.97	5	3.16	0.0403
	4	2437	26.73	470.98	5	3.16	0.2964
	7	2452	19.59	90.99	5	3.16	0.0573

Note: The estimation distance is 20cm