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	22.52	178.65	1.74	1.49	0.0531
	6	2437	22.63	183.23	1.74	1.49	0.0544
	11	2462	23.48	222.84	1.74	1.49	0.0662
11g	1	2412	20.69	117.22	1.74	1.49	0.0348
	6	2437	25.37	344.35	1.74	1.49	0.1023
	11	2462	20.15	103.51	1.74	1.49	0.0308
11n HT20	1	2412	21.35	136.46	1.74	1.49	0.0405
	6	2437	26.46	442.59	1.74	1.49	0.1315
	11	2462	19.58	90.78	1.74	1.49	0.0270
11n HT40	1	2422	18.07	64.12	1.74	1.49	0.0191
	4	2437	26.46	442.59	1.74	1.49	0.1315
	7	2452	17.45	55.59	1.74	1.49	0.0165

Note: The estimation distance is 20cm