10.MPE ESTIMATION

10.1.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

10.2. Estimation Result

EUT: 65'' LCD PC		
M/N: INF6502		
Test date: 2015-09-12	Pressure: 101.4±1.0 kpa	Humidity: 52.3±3.0%
Tested by: Leo-Li	Test site: RF site	Temperature:23.2±0.6 ℃

Mode	CH	Frequency (MHz)	Peak Output Power (dBm)	Output Power (mW)	Antenna Gain (dBi)	Antenna Gain (Linear)	MPE
11b	CH1	2412	13.68	23.33	2.63	1.83	0.8505
	CH6	2437	13.77	23.82	2.63	1.83	0.8683
	CH11	2462	13.64	23.12	2.63	1.83	0.8427
11g	CH1	2412	13.23	21.04	2.63	1.83	0.7668
	CH6	2437	13.35	21.63	2.63	1.83	0.7883
	CH11	2462	13.12	20.51	2.63	1.83	0.7476
11n HT20	CH1	2412	11.96	15.70	2.63	1.83	0.5724
	CH6	2437	12.11	16.26	2.63	1.83	0.5925
	CH11	2462	11.90	15.49	2.63	1.83	0.5645
11n HT40	CH3	2422	12.74	18.79	2.63	1.83	0.6850
	CH6	2437	12.74	18.79	2.63	1.83	0.6850
	CH9	2452	12.66	18.45	2.63	1.83	0.6725

$$MPE=\frac{PG}{4\pi R^2} \quad (R=20\ cm)$$