

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

EUT: WIFI Module		
M/N:WAE22-DF01-AR		
Test date: 2013-09-13	Pressure: 101.2±1.0 kpa	Humidity: 48.4±3.0%
Tested by: Leo-Li	Test site: RF site	Temperature:20.7±0.6 °C

Cable loss: 1 dB		Attenuator loss: 20 dB				Antenna Gain: 3.7dBi	
Test Mode	CH	Frequency (MHz)	Peak Output Power (dBm)	Output Power (mW)	Antenna Gain (dBi)	Antenna Gain (Linear)	MPE
11a	CH36	5180	12.46	17.62	3.7	2.34	0.0082
	CH40	5200	12.61	18.24	3.7	2.34	0.0085
	CH48	5240	12.96	19.77	3.7	2.34	0.0092
11n HT20	CH36	5180	12.87	19.36	3.7	2.34	0.0090
	CH40	5200	12.41	17.42	3.7	2.34	0.0081
	CH48	5240	12.35	17.18	3.7	2.34	0.0080
11n HT40	CH39	5190	12.74	18.79	3.7	2.34	0.0088
	CH46	5230	12.84	19.23	3.7	2.34	0.0090