MPE ESTIMATION

FCC ID: 2A6AK-D501

1, Limit for General Population/ Uncontrolled Exposures

,						
Frequency	Power density (mW/cm ²)	Averaging time (minutes)				
300MHz1.5GHz	F/1500	30				
1.5GHz100GHz	1.0	30				

2, Estimation Result

For 2.4GWIFI:

Mode	Max PK Output power (dBm)	Tune Up Power (dBm)	Max Tune Up power (mW)	Antenna Gain (dBi)	Antenna Gain (linear)	MPE (mW/cm²)
2412	14.31	14±1(15)	31.62	2.58	1.81	0.0114

$$Pd = \frac{Pout * G}{4\pi r^2}$$

Note:

Note: The estimation distance is 20cm

Note: PK Output power = conducted power.

Conducted power see the test report HK2507033627-E, antenna gain = 2.58dBi;

when the minimum test separation distance is >20 cm, a distance of 20 cm is applied to determine RF Exposure test exclusion. The test exclusion threshold is 0.0114 which is< 1.0, RF Exposure testing is not required.

----The End-----