MPE ESTIMATION

FCC ID: 2A5PD-PF-01

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

Note: F= Frequency in MHz

2, Estimation Result

Mode	Frequency (MHz)	Max PK Output power(dBm)	Tune Up Power(dBm)	Max Tune Up power(mW)	Antenna Gain(dBi)	Antenna Gain (linear)	MPE (mW/cm²)
2.4G WiFi	2462	19.74	19±1(20)	100.00	0	1.0000	0.01989

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

Note: The estimation distance is 20cm

Note:

PK Output power= conducted power.

Conducted power see the test report **HK2203100997-E**, antenna gain=0dBi

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 0.01989 mW/cm² which is< 1.0mW/cm², RF Exposure testing is not required.
-------The End-------