## MPE ESTIMATION

### FCC ID: 2A7H5-H211S

## 1,Limit for General Population/ Uncontrolled Exposures

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

# 2, Estimation Result

#### For 2.4G:

Mode	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	19.09	18.5±1(19.5)	89.13	1	1.26	0.02233

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

Note:

Note: The estimation distance is 20cm

Note: PK Output power= conducted power.

Conducted power see the test report HK2206212667-E

2.4G antenna gain=1dBi

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 0.02233 mW/cm² which is< 1.0mW/cm², RF Exposure testing is not required.

----The End-----