

## MPE ESTIMATION

FCC ID: **2A3RF-XIAOPAOYIXP1**

### 1, Limit for General Population/ Uncontrolled Exposures

Frequency	Power density (mW/ cm <sup>2</sup> )	Averaging time(minutes)
300MHz----1.5GHz	F/1500	30
1.5GHz---100GHz	1.0	30

### 2. Estimation Result

Mode	Max PK Output power(dBm)	Tune Up Power(dBm)	Max Tune Up power(mW)	Antenna Gain(dBi)	Antenna Gain (linear)	MPE (mW/cm <sup>2</sup> )
Antenna 1	11.97	11±1(12)	15.85	2	1.58	0.00498
Antenna 2	13.12	13±1(14)	25.12	2	1.58	0.00790
MIMO						0.01288
$Pd = \frac{Pout * G}{4\pi r^2} ;$						
Note:						
Note: The estimation distance is 20cm The device could not transmit simultaneously in WIFI						
Note: PK Output power= conducted power. Conducted power see the test report HK2109143503-E. Antenna 1: 2dBi Antenna 2: 2dBi						

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 0.01288mW/cm<sup>2</sup> which is< 1.0mW/cm<sup>2</sup>, RF Exposure testing is not required.

-----The End-----