

## MPE ESTIMATION

FCC ID: **2A64G-X1**

### 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

	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> )
2.4GWIFI	23.10	23±1(24)	251.19	4.53	2.84	0.14199
BT	2.86	2±1(3)	2	4.53	2.84	0.00113

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

Note:

Note: The estimation distance is 20cm

The device could not transmit simultaneously in WIFI and BT.

Note: PK Output power= conducted power.

Conducted power see the test report HK2208243762-1E/2E.

Gantenna gain=4.53dBi

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 0.14199mW/cm<sup>2</sup> which is < 1.0mW/cm<sup>2</sup>, RF Exposure testing is not required.

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