

## MPE ESTIMATION

FCC ID: **2A50W-TYTZ001**

### 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 For BT:

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> )
BLE	-0.05	-1±1(0)	1	0	1	0.0002
$Pd = \frac{P_{out} * G}{4\pi r^2}$ ;						
Note:						
Note: The estimation distance is 20cm						
Note: PK Output power= conducted power.						
Conducted power see the test report <b>HK2203030860-E</b> ,						
5G 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

0.0002mW/cm<sup>2</sup> which is< 1.0mW/cm<sup>2</sup>, RF Exposure testing is not required.

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