

## MPE ESTIMATION

FCC ID: **2A7ST-HC-ABCES**

### 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> )
EDR	4.18	4±1(5)	3.16	1	1.26	0.00079
2.4GWIFI	20.78	20±1(21)	125.89	1	1.26	0.03157
$Pd = \frac{P_{out} * G}{4\pi r^2};$						
Note:						
Note: The estimation distance is 20cm						
The device could not transmit simultaneously in BTand WIFI.						
Note: PK Output power= conducted power.						
Conducted power see the test report HK2206202631-1E/2E.						
Gantenna 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 0.03157mW/cm<sup>2</sup> which is< 1.0mW/cm<sup>2</sup>, RF Exposure testing is not required.

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