

MPE ESTIMATION
FCC ID: 2A7ST-HC-ABCES

1, Limit for General Population/ Uncontrolled Exposures

Frequency	Power density (mW/ cm ²)	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 ²)
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
$Pd = \frac{Pout * G}{4\pi r^2}$;						
Note:						
Note: The estimation distance is 20cm						
The device could not transmit simultaneously in BT and WIFI.						
Note: PK Output power= conducted power.						
Conducted power see the test report HK2206202631-1E/2E.						
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 0.03157mW/cm² which is < 1.0mW/cm², RF Exposure testing is not required.

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