

MPE ESTIMATION

FCC ID: 2AY4A-TINA2S

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)
BLE	3.42	3±1(4)	2.51	3.42	2.20	0.0011
EDR	6.43	6±1(7)	5.01	3.42	2.20	0.0022
2.4GWIFI	13.66	13±1(14)	25.12	3.42	2.20	0.011
$Pd = \frac{P_{out} * G}{4\pi r^2};$ Note: Note: The estimation distance is 20cm The device could not transmit simultaneously in BT and 2.4GWIFI Note: PK Output power= conducted power. Conducted power see the test report HK2407093734-1E/2E/3E						

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 0.011 which is < 1.0, RF Exposure testing is not required.

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