

MPE ESTIMATION

FCC ID: 2APSD-IGK3

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

Note: F= Frequency in MHz

2 Estimation Result

For BT BLE:

Mode	Max PK Output power(dBm)	Tune Up Power(dBm)	Max Tune Up power(mW)	Antenna Gain(dBi)	Antenna Gain (linear)	MPE (mW/cm ²)
2402	-0.911	0±1(1)	1.26	0	1.0	0.00025
$Pd = \frac{P_{out} * G}{4\pi r^2};$						
Note:						
Note: The estimation distance is 20cm						
Note: PK Output power= conducted power.						
Conducted power see the test report HK1908232089-E, antenna gain=0dBi.						

Mode	PK Output power(dBm)	Output power(mW)	Antenna Gain(dBi)	Antenna Gain (linear)	MPE (mW/cm ²)
2402	-1.942	0.64	0	1.0	0.00013
2440	-1.256	0.75	0	1.0	0.00015
2480	-0.911	0.81	0	1.0	0.00016
$Pd = \frac{P_{out} * G}{4\pi r^2};$					
Note:					
Note: The estimation distance is 20cm					
Note: PK Output power= conducted power.					
Conducted power see the test report HK1908232089-E, antenna gain=0dBi.					