

MPE ESTIMATION

FCC ID: 2BCLC-A12

1,Per FCC Part 2.1091 Radiofrequency radiation exposure evaluation: mobile devices, the 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

Mode	Frequency (MHz)	Max PK Output power(dBm)	Tune Up Power(dBm)	Max Tune Up power(mW)	Antenna Gain(dBi)	Antenna Gain (linear)	MPE (mW/cm ²)
2.4g WiFi	2437	12.75	12±1(13)	19.95	3.85	2.43	0.0096
$Pd = \frac{P_{out} * G}{4\pi r^2}$;							
Note:							
Note: The estimation distance is 20cm							
Note:							
PK Output power= conducted power.							
Conducted power see the test report HK2409045143-E , antenna gain=3.85dBi,							

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 0.0096 mW/cm² which is< 1.0mW/cm², RF Exposure testing is not required.

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