

MPE ESTIMATION

FCC ID: 2BLCW-ERG-W7006

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

EIRP(dBm)=99.33(dBuV/m)-95.2=4.13(dBm)

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)
2478	4.13	4±1(5)	3.16	-0.68	0.86	0.00054
$Pd = \frac{Pout * G}{4\pi r^2};$						
Note:						
Note: The estimation distance is 20cm						
Note: PK Output power = conducted power.						
Conducted power see the test report HK2409095233-E, antenna gain = -0.68dBi;						

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 0.00054 which is < 1.0, RF Exposure testing is not required.

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