

MPE ESTIMATION
FCC ID: 2AF5Z-TYQ2

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)
2.4GWIFI	12.41	12±1(13)	19.95	3.65	2.32	0.00921
$Pd = \frac{Pout * G}{4\pi r^2} ;$						
Note:						
Note: The estimation distance is 20cm						
Note: PK Output power= conducted power.						
Conducted power see the test report HK2407224056-E						

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 0.00921 which is< 1.0, RF Exposure testing is not required.

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