

MPE ESTIMATION

FCC ID: **2BD4J-SAIL2**

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

For WIFI:

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)
2.4G WIFI ANT.1	14.36	14±1(15)	31.62	1.61	1.45	0.00912
2.4G WIFI ANT.2	13.61	13±1(14)	25.12	4.77	3.00	0.01500
MINO	/	/	/	/	/	0.02411
$Pd = \frac{P_{out} * G}{4\pi r^2};$						
Note:						
Note: The estimation distance is 20cm						
Note: PK Output power= conducted power. Conducted power see the test report HK2312136074-E , Antenna gain 1=1.61dBi Antenna gain 2=4.77dBi						

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 0.02411 which is< 1.0, RF Exposure testing is not required.

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