

MPE ESTIMATION

FCC ID: 2BEXJ-S06

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)
2412	14.45	14±1(15)	31.62	2.53	1.79	0.01127
5240	8.19	8±1(9)	7.94	1.64	1.46	0.00231
5825	7.34	7±1(8)	6.31	1.66	1.47	0.00184
$Pd = \frac{P_{out} * G}{4\pi r^2};$ Note: Note: The estimation distance is 20cm Note: PK Output power= conducted power. Conducted power see the test report HK2412067520-1E/2E/3E, 2.4G antenna gain=2.53dBi; 5.2G antenna gain=1.64dBi; 5.8G antenna gain=1.66dBi						

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 0.01127 which is < 1.0, RF Exposure testing is not required.

Note: the device could not transmit simultaneously in 2.4G and 5G.

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