

MPE ESTIMATION
FCC ID: 2BFI9-DQ03

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

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	15.50	15±1(16)	39.81	2.91	1.95	0.01549
5.8G WIFI	7.55	7±1(8)	6.31	2.12	1.63	0.00205
$Pd = \frac{P_{out} * G}{4\pi r^2};$						
Note:						
Note: The estimation distance is 20cm						
Note: PK Output power = conducted power. Conducted power see the test report HK2403181205-E, 2.4G WIFI antenna gain = 2.91dBi; 5.8G WIFI antenna gain = 2.12dBi. 2.4G WIFI and 5.8G WIFI cannot be transmitted at the same time.						

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 0.01549 which is < 1.0, RF Exposure testing is not required.

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