MPE ESTIMATION
FCC ID: 2BR88-QC5

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

Note: F= Frequency in MHz

2, Estimation Result

For 2.4GWIFI:

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)
2437	15.60	15±1(16)	39.81	1.55	1.43	0.01132

Note: $Pd = \frac{Pout * G}{4\pi r^2}$;

Note: The estimation distance is 20cm

Note: PK Output power = conducted power in mW.
G=power gain of the antenna in the direction of interest relative to an isotropic radiator
R=distance to the center of radiation of the antenna in cm
Conducted power see the test report HK2508254823-E, antenna gain = 1.55dBi;

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 0.01132mW/cm² which is< 1.0mW/cm², RF Exposure testing is not required.

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