

MPE ESTIMATION

FCC ID: 2A4VQ-FHD676

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 5GWIFI:

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)
5.8G WIFI Ant 1	15.34	14.5±1(15.5)	35.48	1	1.26	0.00889
5.8G WIFI Ant 2	15.67	15±1(16)	39.81	1	1.26	0.00998
MIMO	/	/	/	/	/	0.01887

$$Pd = \frac{P_{out} * G}{4\pi r^2};$$

Note:

Note: The estimation distance is 20cm

Note: PK Output power= conducted power.

Conducted power see the test report **HK2202160391-E**,

5G antenna gain=1dBi.

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 0.01887mW/cm² which is < 1.0mW/cm², RF Exposure testing is not required.

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