

MPE ESTIMATION

FCC ID: 2AW24-JSP158

1, Limit for General Population/ Uncontrolled Exposures

Frequency	Power density (mW/cm ²)	Averaging time(minutes)		
300MHz1.5GHz	F/1500	30		
1.5GHz100GHz	1.0 HAN TESTING	30 Munk TEST		

2, Estimation Result

For 2.4G WIFI:

Mode	Max PK Output power(dBm)	Power(dBm)	Max Tune Up power(mW)	Antenna Gain(dBi)	Antenna Gain (linear)	MPE (mW/cm²)
WIFI	16.29	16±1(17)	50.12	1	1.2589	0.01256

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

Note:

Note: The estimation distance is 20cm

The device could not transmit simultaneously in 2.4G.

Note: PK Output power= conducted power.

Conducted power see the test report HK2007241911-E.

Gantenna 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 0.00397mW/cm² which is< 1.0mW/cm², RF Exposure testing is not required.

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

----The End-----

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