

MPE ESTIMATION
FCC ID: **2AVBS-ZJSB9**

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 2.4G 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)
11b	12.22	12±1(13)	19.95	2	1.58	0.00627
11g	12.07	12±1(13)	19.95	2	1.58	0.00627
11n/HT20	11.28	11±1(12)	15.85	2	1.58	0.00498
11n/HT40	9.91	19±1(10)	10.00	2	1.58	0.00314
$Pd = \frac{P_{out} * G}{4\pi r^2} ;$						
Note:						
Note: The estimation distance is 20cm						
Note: PK Output power= conducted power. Conducted power see the test report HK1912113174-E, antenna gain=2dBi.						

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 0.00627mW/cm² which is < 1.0mW/cm², Compliance the RF Exposure requirement.

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