

MPE ESTIMATION
FCC ID: **2AFBT-U5XNFA1**

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)
EDR	-1.254	-2±1(-1)	0.79	1	1.2589	0.00020
2.4G	21.36	21±1(22)	158.49	1	1.2589	0.03971
5.8G	17.34	17±1(18)	63.10	1	1.2589	0.01581
$Pd = \frac{P_{out} * G}{4\pi r^2};$						
Note:						
Note: The estimation distance is 20cm						
Note: PK Output power= conducted power. Conducted power see the test report HK2004290794-1E/2E/3E, antenna gain=1dBi.						

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