

MPE ESTIMATION

FCC ID: 2AVKP-BF-BS01

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 2.4GWIFI:

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)
Antenna 1	13.77	14±1(15)	31.62	4.73	2.97	0.01870
Antenna 2	12.31	13±1(14)	25.12	2.63	1.83	0.00916
MIMO	/	/	/	/	/	0.02786

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

Note:

Note: The estimation distance is 20cm

Note: PK Output power = conducted power.

Conducted power see the test report HK2501090212-E,

Antenna 1 gain = 4.73dBi, Antenna 2 gain = 2.63dBi;

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 0.02786 which is < 1.0, RF Exposure testing is not required.

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