

MPE ESTIMATION

FCC ID: 2AVKP-BY01-M1

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

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)
2.4G WIFI	12.78	12±1(13)	19.95	2.88	1.94	0.00771
BT	2.86	2±1(3)	2.00	2.88	1.94	0.00077

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

Note:

Note: The estimation distance is 20cm

Note: PK Output power = conducted power.

Conducted power see the test report HK2407093739-1E/2E, antenna gain = 2.88dBi;

WIFI and Bluetooth cannot be transmitted at the same time.

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 0.00771 which is < 1.0, RF Exposure testing is not required.

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