

MPE ESTIMATION

FCC ID: 2BBKS-PF

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)
BT	6.99	6±1(7)	5.01	1.41	1.38	0.00138
2.4G WIFI	17.86	17±1(18)	63.10	1.41	1.38	0.01733

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

Note:

Note: The estimation distance is 20cm

Note: PK Output power= conducted power.

Conducted power see the test report HK230404006-1E/2E.

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 0.01733mW/cm² which is < 1.0mW/cm², RF Exposure testing is not required.

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

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