

MPE ESTIMATION

FCC ID: 2BFCX-L13

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

	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	15.02	14.5±1(15.5)	35.48	0.59	1.15	0.00812
BT	1.63	1±1(2)	1.58	-0.58	0.87	0.00027

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

Note:

Note: The estimation distance is 20cm

BT and 2.4GWIFI Simultaneous evaluation:

0.00027+0.00812=0.00839<1, SAR testing is not required

Note: PK Output power= conducted power.

Conducted power see the test report HK2402290893-1E/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 0.00839mW/cm² which is < 1.0mW/cm², RF Exposure testing is not required.

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