



MPE ESTIMATION

FCC ID: 2BFLF-BR00001

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

Note: F= Frequency in MHz

2, Estimation Result

	Max PK Output power(dBm)	Tune Up Power(dBm)	Max Tune Up power(mW)	Antenna Gain(dBi)	Antenna Gain (numerical)	MPE (mW/cm ²)
BLE	3.18	3±1(4)	2.512	4	2.51	0.00126
EDR	1.52	1±1(2)	1.585	4	2.51	0.00079
2.4GWIFI	13.98	13±1(14)	25.119	4	2.51	0.01256
5.8GWIFI	6.06	6±1(7)	5.012	3	2.00	0.00199

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

Note:

Note: The estimation distance is 20cm

Note:

PK Output power= conducted power.

Conducted power see the test report **HK2403261413-1E/2E/3E/4E**, 2.4G antenna gain= 4dBi, 5G antenna gain= 3dBi

Synchronous launch evaluation:

BLE+EDR+2.4GWIFI+5.8GWIFI=0.00126+0.00079+0.01256+0.00199=0.01660mW/cm²

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 0.01660mW/cm² which is < 1.0mW/cm², RF Exposure testing is not required.

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