MPE ESTIMATION

FCC ID: 2BMIP-R7050ULBS

1,Per FCC Part 2.1091 Radiofrequency radiation exposure evaluation: mobile devices, the 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

Mode	Frequency (MHz)	Max PK Output power(dBm)	Tune Up Power(dBm)	Max Tune Up power(mW)	Antenna Gain(dBi)	Antenna Gain (linear)	MPE (mW/cm²)
BLE	2480	-0.01	0±1(1)	1.00	-0.58	0.87	0.315
EDR	2480	-4.21	-4±1(-3)	0.50	-0.58	0.87	0.157

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

Note:

Note: The estimation distance is 20cm

Note:

PK Output power= conducted power.

Conducted power see the test report **HK2409205449-1E/2E**, antenna gain=-0.58dBi,

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 0.315 mW/cm² which is< 1.0mW/cm², RF Exposure testing is not required.
-------The End-------