

MPE ESTIMATION

FCC ID: 2BMZZ-SF-A-MS

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)
EDR	2441	-17.64	-17±1(-16)	0.03	0.93	1.24	0.0000062
BLE	2480	-17.86	-17±1(-16)	0.03	0.93	1.24	0.0000062
$Pd = \frac{P_{out} * G}{4\pi r^2} ;$ Note: Note: The estimation distance is 20cm Note: PK Output power = conducted power. Conducted power see the test report HK2412027362-1E/2E, antenna gain = 0.93dBi; EDR and BLE 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 0.0000062 which is < 1.0, RF Exposure testing is not required.

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