



MPE ESTIMATION

FCC ID: 2BD34-5V-5050-24

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 | -2.09 | -3±1(-2) | 0.631 | 0 | 1.00 | 0.00013 |
| $Pd = \frac{P_{out} * G}{4\pi r^2} ;$ | | | | | | |
| Note: | | | | | | |
| Note: The estimation distance is 20cm | | | | | | |
| Note: | | | | | | |
| PK Output power= conducted power. | | | | | | |
| Conducted power see the test report HK2312065925-E , antenna gain= 0dBi | | | | | | |

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 0.00013mW/cm² which is < 1.0mW/cm², RF Exposure testing is not required.

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