

MPE ESTIMATION

FCC ID: 2AZUXC2

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/cm ²) |
|---|-----------------|--------------------------|--------------------|-----------------------|-------------------|-----------------------|---------------------------|
| 2.4g WIFI | 2437 | 14.56 | 14±1(15) | 31.62 | 1.5 | 1.41 | 0.00887 |
| $Pd = \frac{P_{out} * G}{4\pi r^2} ;$ | | | | | | | |
| Note: | | | | | | | |
| Note: The estimation distance is 20cm | | | | | | | |
| Note: | | | | | | | |
| PK Output power= conducted power. | | | | | | | |
| Conducted power see the test report HK2508124478-E, antenna gain=1.5dBi | | | | | | | |

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 0.00887mW/cm² which is< 1.0mW/cm², RF Exposure testing is not required.

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