

MPE ESTIMATION  
FCC ID: 2BCLC-A14

**1, Limit for General Population/ Uncontrolled Exposures**

| Frequency        | Power density (mW/cm <sup>2</sup> ) | Averaging time (minutes) |
|------------------|-------------------------------------|--------------------------|
| 300MHz----1.5GHz | F/1500                              | 30                       |
| 1.5GHz---100GHz  | 1.0                                 | 30                       |

**2, Estimation Result**

**For 2.4GWIFI:**

| Mode                                                                        | Max PK Output power (dBm) | Tune Up Power (dBm) | Max Tune Up power (mW) | Antenna Gain (dBi) | Antenna Gain (linear) | MPE (mW/cm <sup>2</sup> ) |
|-----------------------------------------------------------------------------|---------------------------|---------------------|------------------------|--------------------|-----------------------|---------------------------|
| 2462                                                                        | 13.09                     | 13±1(14)            | 25.12                  | 3.85               | 2.43                  | 0.01213                   |
| $Pd = \frac{P_{out} * G}{4\pi r^2};$                                        |                           |                     |                        |                    |                       |                           |
| Note:                                                                       |                           |                     |                        |                    |                       |                           |
| Note: The estimation distance is 20cm                                       |                           |                     |                        |                    |                       |                           |
| Note: PK Output power = conducted power.                                    |                           |                     |                        |                    |                       |                           |
| Conducted power see the test report HK2412037378-E, antenna gain = 3.85dBi; |                           |                     |                        |                    |                       |                           |

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 0.01213 which is < 1.0, RF Exposure testing is not required.

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