

MPE ESTIMATION  
FCC ID: 2AU5H-920004

**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 2.4G WIFI:**

| 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> ) |
|----------------------------------------------------------------------------------------------------------------------|--------------------------|--------------------|-----------------------|-------------------|-----------------------|---------------------------|
| 11b                                                                                                                  | 11.26                    | 10.5±1(11.5)       | 14.13                 | 2.5               | 1.7783                | 0.00500                   |
| 11g                                                                                                                  | 10.95                    | 10±1(11)           | 12.59                 | 2.5               | 1.7783                | 0.00446                   |
| 11n/HT20                                                                                                             | 10.11                    | 10±1(11)           | 12.59                 | 2.5               | 1.7783                | 0.00446                   |
| 11n/HT40                                                                                                             | 9.94                     | 9±1(10)            | 10.00                 | 2.5               | 1.7783                | 0.00354                   |
| $Pd = \frac{P_{out} * G}{4\pi r^2} ;$                                                                                |                          |                    |                       |                   |                       |                           |
| Note:                                                                                                                |                          |                    |                       |                   |                       |                           |
| Note: The estimation distance is 20cm                                                                                |                          |                    |                       |                   |                       |                           |
| Note: PK Output power= conducted power.<br>Conducted power see the test report HK2002010173-1E, antenna gain=2.5dBi. |                          |                    |                       |                   |                       |                           |

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