

## MPE ESTIMATION

FCC ID: 2A66KU2

### 1. Limit for General Population/Uncontrolled Exposures

| Frequency     | Power Density(mW/cm2) | Averaging Time(minutes) |
|---------------|-----------------------|-------------------------|
| 300MHz-1.5GHz | F/1500                | 30                      |
| 1.5GHz-100GHz | 1.0                   | 30                      |

Note: F= Frequency in MHz

### 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 <sup>2</sup> ) |
|-------|--------------------------|--------------------|-----------------------|-------------------|-----------------------|---------------------------|
| 11b   | 8.79                     | 9±1(10)            | 10.0                  | 3.0               | 0.5012                | 0.000997                  |
| 11g   | 8.64                     | 9±1(10)            | 10.0                  | 3.0               | 0.5012                | 0.000997                  |
| 11n20 | 8.61                     | 9±1(10)            | 10.0                  | 3.0               | 0.5012                | 0.000997                  |
| 11n40 | 8.25                     | 8±1(9)             | 7.94                  | 3.0               | 0.5012                | 0.000792                  |

$$Pd = \frac{P_{out} * G}{4\pi r^2}$$

Note:

Note: The estimation distance is 20cm.

Note: PK Output power=conducted power.

Conducted power see the test report UNIA22052305ER-61, antenna gain=3.0dBi.

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