

FCC ID:2AT2PAW-KCR01

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

## 2. Estimation Result

| Mode                                                                      | Max PK Output<br>power(dBm) | Tune Up<br>Power(dBm) | Max Tune Up<br>power(mW) | Antenna<br>Gain(dBi) | Antenna Gain<br>(linear) | MPE<br>(mW/cm²) |
|---------------------------------------------------------------------------|-----------------------------|-----------------------|--------------------------|----------------------|--------------------------|-----------------|
| 11b                                                                       | 12.83                       | 12±1(13)              | 19.95                    | 1                    | 1.2589                   | 0.004999        |
| 11g                                                                       | 12.45                       | 12±1(13)              | 19.95                    | 1                    | 1.2589                   | 0.004999        |
| 11n/HT20                                                                  | 12.09                       | 12±1(13)              | 19.95                    | 1                    | 1.2589                   | 0.004999        |
| $Pd = \frac{P_{out} * G}{4\pi r^2}$                                       |                             |                       |                          |                      |                          |                 |
| Note:                                                                     |                             |                       |                          |                      |                          |                 |
| Note: The estimation distance is 20cm.                                    |                             |                       |                          |                      |                          |                 |
| Note: PK Output power= conducted power.                                   |                             |                       |                          |                      |                          |                 |
| Conducted power see the test report UNIA19070203FR-01, antenna gain=1dBi. |                             |                       |                          |                      |                          |                 |

| Mode                                                                                                                 | CH | PK Output power(dBm) | Output power(mW) | Antenna Gain(dBi) | Antenna Gain (linear) | MPE (mW/cm <sup>2</sup> ) |
|----------------------------------------------------------------------------------------------------------------------|----|----------------------|------------------|-------------------|-----------------------|---------------------------|
| 11b                                                                                                                  | 1  | 12.47                | 17.66            | 1                 | 1.2589                | 0.004425                  |
|                                                                                                                      | 6  | 12.67                | 18.49            | 1                 | 1.2589                | 0.004634                  |
|                                                                                                                      | 11 | 12.83                | 19.19            | 1                 | 1.2589                | 0.004808                  |
| 11g                                                                                                                  | 1  | 12.24                | 16.75            | 1                 | 1.2589                | 0.004197                  |
|                                                                                                                      | 6  | 12.45                | 17.58            | 1                 | 1.2589                | 0.004405                  |
|                                                                                                                      | 11 | 12.38                | 17.30            | 1                 | 1.2589                | 0.004334                  |
| 11n/HT20                                                                                                             | 1  | 12.09                | 16.18            | 1                 | 1.2589                | 0.004054                  |
|                                                                                                                      | 6  | 11.87                | 15.38            | 1                 | 1.2589                | 0.003854                  |
|                                                                                                                      | 11 | 11.47                | 14.03            | 1                 | 1.2589                | 0.003515                  |
| $Pd = \frac{Pout * G}{4\pi r^2}$                                                                                     |    |                      |                  |                   |                       |                           |
| Note:                                                                                                                |    |                      |                  |                   |                       |                           |
| Note: The estimation distance is 20cm.                                                                               |    |                      |                  |                   |                       |                           |
| Note: PK Output power= conducted power.<br>Conducted power see the test report UNIA19070203FR-01, antenna gain=1dBi. |    |                      |                  |                   |                       |                           |

Conclusion: No SAR evaluation required since transmitter power is below FCC threshold  
 -----The End-----