

## FCC ID: 2AMP3-Z1

| 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

| 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      | 15.43                       | 15±1(16)              | 39.81                    | 2                    | 1.585                    | 0.01256         |
| 11g      | 14.22                       | 15±1(16)              | 39.81                    | 2                    | 1.585                    | 0.01256         |
| 11n/HT20 | 13.67                       | 13±1(14)              | 25.12                    | 2                    | 1.585                    | 0.00793         |
| 11n/HT40 | 11.84                       | 12±1(13)              | 19.95                    | 2                    | 1.585                    | 0.00629         |

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

Note:

Note: The estimation distance is 20cm

Note: PK Output power= conducted power.

Conducted power see the test report HK170621076-E, antenna gain=2dBi.

| Mode                                                                                                             | CH   | PK Output power(dBm) | Output power(mW) | Antenna Gain(dBi) | Antenna Gain (linear) | MPE (mW/cm <sup>2</sup> ) |
|------------------------------------------------------------------------------------------------------------------|------|----------------------|------------------|-------------------|-----------------------|---------------------------|
| 11b                                                                                                              | CH1  | 15.43                | 34.91            | 2                 | 1.585                 | 0.01101                   |
|                                                                                                                  | CH6  | 15.15                | 32.73            | 2                 | 1.585                 | 0.01033                   |
|                                                                                                                  | CH11 | 15.07                | 32.14            | 2                 | 1.585                 | 0.01014                   |
| 11g                                                                                                              | CH1  | 14.22                | 26.42            | 2                 | 1.585                 | 0.00834                   |
|                                                                                                                  | CH6  | 14.14                | 25.94            | 2                 | 1.585                 | 0.00818                   |
|                                                                                                                  | CH11 | 14.01                | 25.18            | 2                 | 1.585                 | 0.00794                   |
| 11n/HT20                                                                                                         | CH1  | 13.67                | 23.28            | 2                 | 1.585                 | 0.00734                   |
|                                                                                                                  | CH6  | 13.33                | 21.53            | 2                 | 1.585                 | 0.00679                   |
|                                                                                                                  | CH11 | 13.12                | 20.51            | 2                 | 1.585                 | 0.00647                   |
| 11n/HT40                                                                                                         | CH3  | 11.84                | 15.28            | 2                 | 1.585                 | 0.00482                   |
|                                                                                                                  | CH6  | 11.57                | 14.35            | 2                 | 1.585                 | 0.00453                   |
|                                                                                                                  | CH9  | 11.26                | 13.37            | 2                 | 1.585                 | 0.00422                   |
| $Pd = \frac{P_{out} * G}{4\pi r^2};$                                                                             |      |                      |                  |                   |                       |                           |
| Note:                                                                                                            |      |                      |                  |                   |                       |                           |
| Note: The estimation distance is 20cm                                                                            |      |                      |                  |                   |                       |                           |
| Note: PK Output power= conducted power.<br>Conducted power see the test report HK170621076-E, antenna gain=2dBi. |      |                      |                  |                   |                       |                           |

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