

## MPE ESTIMATION

FCC ID: 2AWRT-WJS-219

### 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 BT:

| Mode | Max PK<br>Output<br>power(dBm) | Tune Up<br>Power(dBm) | Max Tune<br>Up<br>power(mW) | Antenna<br>Gain(dBi) | Antenna<br>Gain<br>(linear) | MPE<br>(mW/cm <sup>2</sup> ) |
|------|--------------------------------|-----------------------|-----------------------------|----------------------|-----------------------------|------------------------------|
| EDR  | 3.34                           | 3±1(4)                | 2.51                        | 0                    | 1.00                        | 0.0005                       |

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

Note:

Note: The estimation distance is 20cm

Note: PK Output power= conducted power.

Conducted power see the test report **HK2207062911-E**.

antenna gain=0dBi

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 0.0005mW/cm<sup>2</sup> which is< 1.0mW/cm<sup>2</sup>, RF Exposure testing is not required.

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