

# MPE ESTIMATION

FCC ID: 2A25B710-6048-01

## 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

### BLE:

| Frequency (MHz)                                         | Reading result (dBμV) | EIRP(dBm) | Max Tune Up Power (mW) | MPE (mW/cm²) | Power Density (mW/cm2) Limit | Result |
|---------------------------------------------------------|-----------------------|-----------|------------------------|--------------|------------------------------|--------|
| 2440                                                    | 97.13                 | 1.93      | 1.56                   | 0.00031      | 1.0                          | PASS   |
| $Pd = \frac{P_{out} * G}{4\pi r^2}$                     |                       |           |                        |              |                              |        |
| Note:                                                   |                       |           |                        |              |                              |        |
| Note: The estimation distance is 20cm.                  |                       |           |                        |              |                              |        |
| Note: Reading result see the test report 23101802ER-61. |                       |           |                        |              |                              |        |
| EIRP= Reading result - 95.2                             |                       |           |                        |              |                              |        |

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