

FCC ID: 2BBAWPFD-002

| 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 Power(dBm) | Tune Up Power(dBm) | Max Tune Up Power(mW) | Antenna Gain(dBi) | Antenna Gain (linear) | MPE (mW/cm²) | Power Density (mW/cm2) Limit | Result |
|--------------------------------------------------------------------------------------------------|--------------------------|--------------------|-----------------------|-------------------|-----------------------|--------------|------------------------------|--------|
| 11b<br>2412MHz                                                                                   | 15.80                    | 16±1(17)           | 50.119                | 1.95              | 1.5668                | 0.015622     | 1.0                          | PASS   |
| $Pd = \frac{Pout * G}{4\pi r^2}$                                                                 |                          |                    |                       |                   |                       |              |                              |        |
| Note:                                                                                            |                          |                    |                       |                   |                       |              |                              |        |
| Note: The estimation distance is 20cm.                                                           |                          |                    |                       |                   |                       |              |                              |        |
| Note: PK Output power=conducted power.<br>Conducted power see the test report UNIA24030716ER-62. |                          |                    |                       |                   |                       |              |                              |        |

| Mode                                                   | Max PK Output Power(dBm) | Tune Up Power(dBm) | Max Tune Up Power(mW) | Antenna Gain(dBi) | Antenna Gain (linear) | MPE (mW/cm²) | Power Density (mW/cm2) Limit | Result |
|--------------------------------------------------------|--------------------------|--------------------|-----------------------|-------------------|-----------------------|--------------|------------------------------|--------|
| Band 1                                                 | 14.57                    | 15±1(16)           | 39.811                | 1.97              | 1.574                 | 0.012466     | 1.0                          | PASS   |
| Band 4                                                 | 14.63                    | 15±1(16)           | 39.811                | -0.76             | 0.8395                | 0.006649     | 1.0                          | PASS   |
| $Pd = \frac{P_{out} * G}{4\pi r^2}$                    |                          |                    |                       |                   |                       |              |                              |        |
| Note:                                                  |                          |                    |                       |                   |                       |              |                              |        |
| Note: The estimation distance is 20cm.                 |                          |                    |                       |                   |                       |              |                              |        |
| Note: PK Output power=conducted power.                 |                          |                    |                       |                   |                       |              |                              |        |
| Conducted power see the test report UNIA24030716ER-63. |                          |                    |                       |                   |                       |              |                              |        |

**BLE: Worst case**

| Mode                                                   | Reading result (dBμV) | Conducted power(dBm) | Tune Up Power(dBm) | Max Tune Up Power (mW) | Antenna Gain(dBi) | Antenna Gain (linear) | MPE (mW/cm²) | Power Density (mW/cm2) Limit | Result |
|--------------------------------------------------------|-----------------------|----------------------|--------------------|------------------------|-------------------|-----------------------|--------------|------------------------------|--------|
| GFSK 2402MHz                                           | 101.5                 | 6.3                  | 6±1(7)             | 5.012                  | 1.95              | 1.5668                | 0.001562     | 1.0                          | PASS   |
| $Pd = \frac{P_{out} * G}{4\pi r^2}$                    |                       |                      |                    |                        |                   |                       |              |                              |        |
| Note:                                                  |                       |                      |                    |                        |                   |                       |              |                              |        |
| Note: The estimation distance is 20cm.                 |                       |                      |                    |                        |                   |                       |              |                              |        |
| Note: Conducted power = Reading result -95.2           |                       |                      |                    |                        |                   |                       |              |                              |        |
| Conducted power see the test report UNIA24030716ER-61. |                       |                      |                    |                        |                   |                       |              |                              |        |

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