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# P7211

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## KEY FEATURES

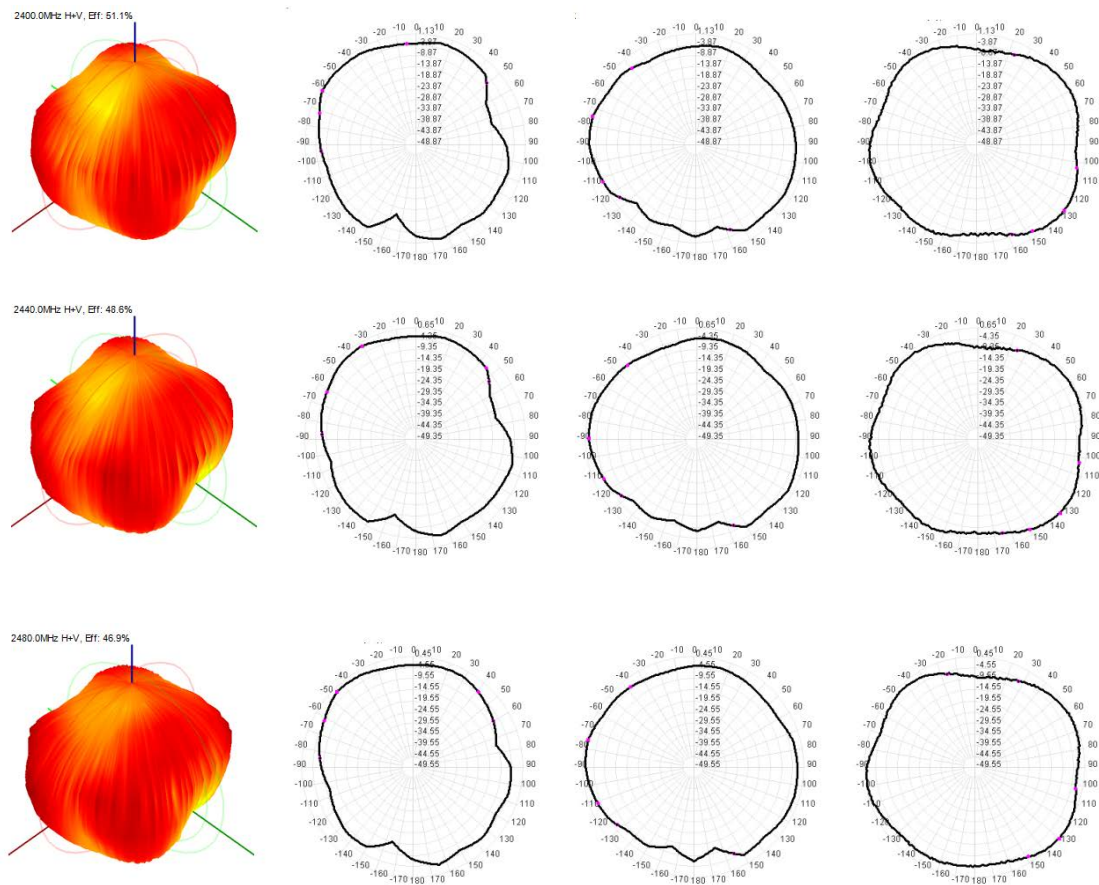
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- 1、 Small Size, light weight, compact structure;
- 2、 Supports Wi-Fi, Bluetooth;

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| Passive antenna characteristics            |                             | Low noise amplifier characteristics |   | Structure & environmental adaptability |                    |
|--------------------------------------------|-----------------------------|-------------------------------------|---|----------------------------------------|--------------------|
| Frequency range                            | BT/WiFi<br>(2400-2500MHz)   | Gain                                | / | Dimensions                             | Φ 101*mm*21.8mm    |
| Antenna impedance                          | 50 Ω                        | Noise figure                        | / | Weight                                 | ≤220g              |
| Polarization mode                          | 4G/WIFI:Linear polarization | Output voltage standing wave ratio  | / | Connector                              | IPEX1              |
| Antenna axis ratio                         | /                           | In-band flatness                    | / | Operating temperature                  | -40℃~+85℃          |
| Horizontal coverage                        | 0° ~360°                    | Operating voltage                   | / | Storage temperature                    | -55℃~+85℃          |
| Antenna output voltage standing wave ratio | BT/WIFI: ≤2.0               | Working Electric Current            | / | Storage humidity                       | 95% non-condensing |
| Highest gain                               | BT/WIFI: ≥1.0dBi            |                                     |   |                                        |                    |
| Error Range of phase center                | /                           |                                     |   |                                        |                    |

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| Frequency (MHz) | Gain (dBi) | Efficiency (%) |
|-----------------|------------|----------------|
| 2400            | 1.87       | 51.15          |
| 2410            | 1.79       | 50.10          |
| 2420            | 1.49       | 46.97          |
| 2430            | 1.54       | 48.05          |
| 2440            | 1.57       | 48.64          |
| 2450            | 1.49       | 47.72          |
| 2460            | 1.44       | 46.23          |
| 2470            | 1.04       | 44.16          |

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|------|-------|--------|
| 2480 | 1. 12 | 46. 89 |
| 2490 | 0. 77 | 44. 11 |
| 2500 | 0. 75 | 44. 95 |