

## Antenna Specification

- **Manufacturer: Shenzhen PIPA antenna design Co.,LTD.**

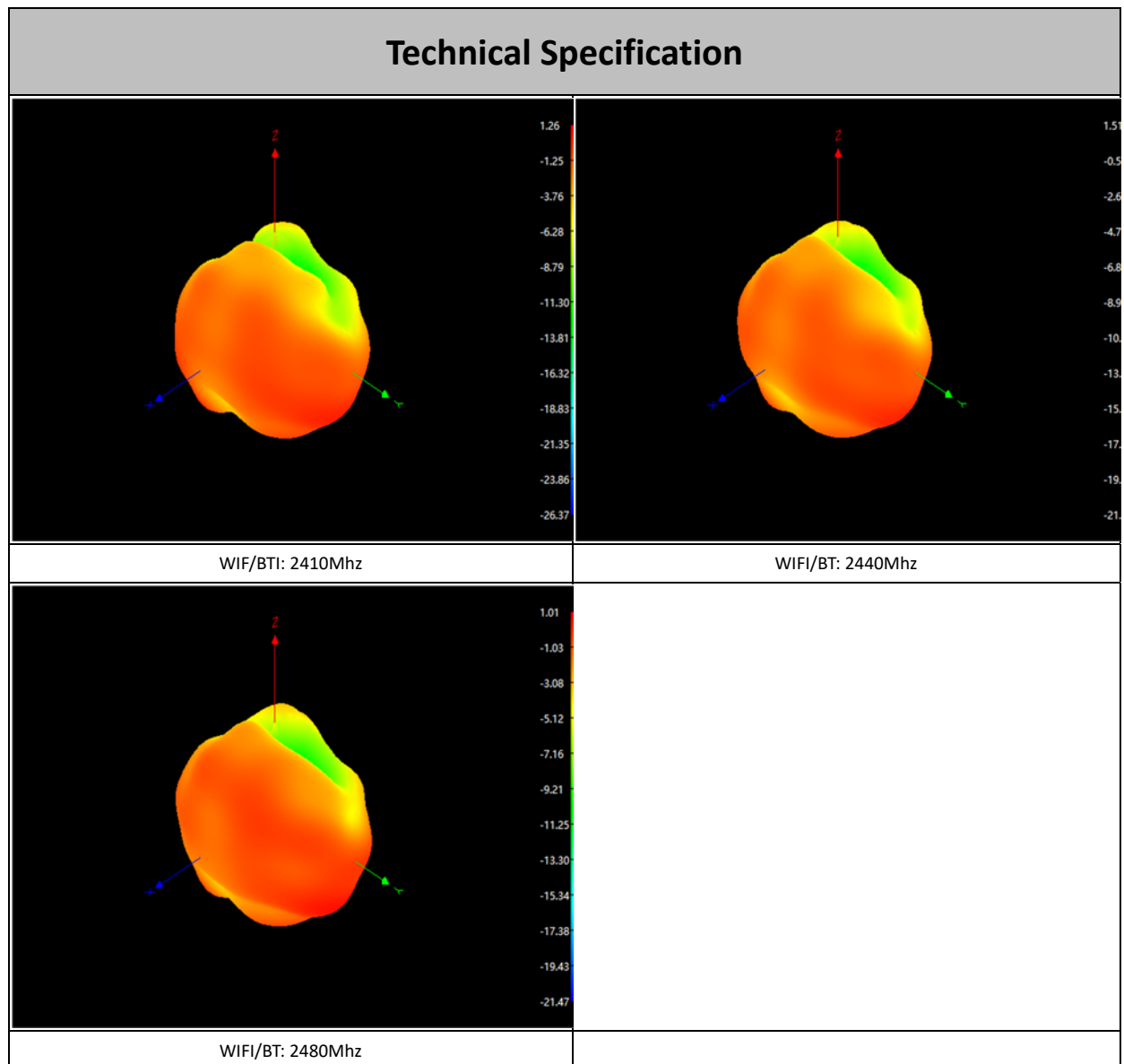
**Address of manufacturer:** ZUnit F/4F, buildingA, Junxiangda, Plada,  
Zhongshanyuan Road, Nanshan District, Shenzhen

### 2.1 Basic Specifications

| No. | Specification          | Descriptions                                 | Notes |  |
|-----|------------------------|----------------------------------------------|-------|--|
| 1   | Antenna model          | <u>PF0184-C181-NA-WIFI-A1</u>                |       |  |
| 2   | Antenna type           | PIFA                                         |       |  |
| 3   | Operation<br>Frequency | 2.4-2.483GHz                                 |       |  |
| 4   | Impedance              | 50ohm                                        |       |  |
| 5   | MAX Gain               | 1.77 <u><a href="#">dBi@2.4~2.483GHz</a></u> |       |  |
| 6   | Efficiency             | $\geq 40\%$                                  |       |  |
| 7   | VSWR                   | $\leq 2.5$                                   |       |  |

## 1.2 radiation pattern

| Frequency/Mhz | Efficiency / % | MaxGain/dBi |
|---------------|----------------|-------------|
| 2410          | 50.23          | 1.26        |
| 2420          | 54.58          | 1.77        |
| 2430          | 54.45          | 1.29        |
| 2440          | 55.72          | 1.51        |
| 2450          | 57.94          | 1.23        |
| 2460          | 56.36          | 1.26        |
| 2470          | 58.34          | 1.14        |
| 2480          | 55.98          | 1.01        |
| 2490          | 58.75          | 1.19        |



### 1.3 Antenna Size

