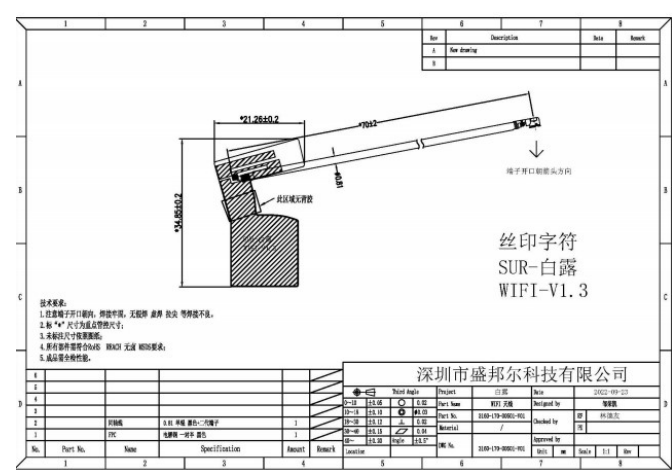


1. Antenna Information

|               |                                      |
|---------------|--------------------------------------|
| Product Model | FP2                                  |
| Antenna Model | SUR-白露-WiFi                          |
| Antenna Type  | PIFA                                 |
| Manufacturer  | Shenzhen Surbaner Technology CO.;LTD |

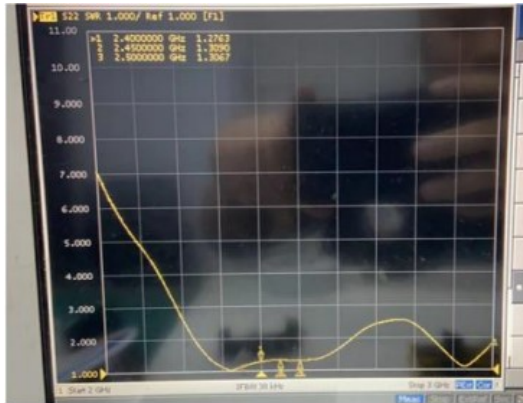
2. Antenna Picture



3. Electrical Specification

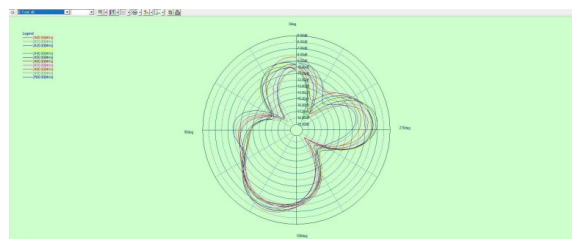
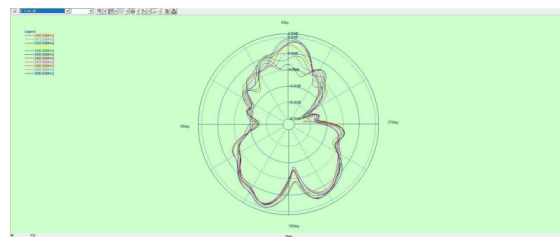
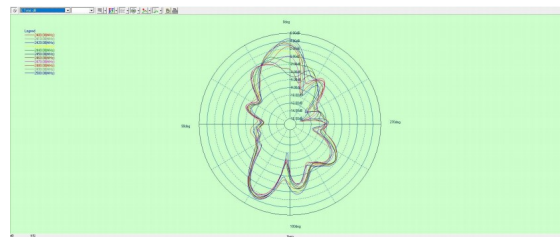
|                 |                  |
|-----------------|------------------|
| Frequency Range | 2400MHZ-2500 MHZ |
| Bandwidth       | 100MHz           |
| Input Impedence | 50Ω              |
| S11             | ≤-10 dB          |
| Peak Gain       | 1dBi             |

## 4. Antenna S11



| Frequency(MHz) | 2400 | 2450 | 2500 |
|----------------|------|------|------|
| VSWR           | 1.27 | 1.30 | 1.30 |

## 5. Radiation Pattern



## 6. Test Results

| Frequency<br>ID | Frequency<br>(MHz) | Gain<br>(dBi) | Efficiency<br>(dB) | Efficiency<br>(%) |
|-----------------|--------------------|---------------|--------------------|-------------------|
| 1               | 2400               | 0.82          | -3.58              | 43.84             |
| 2               | 2410               | 0.71          | -3.69              | 42.8              |
| 3               | 2420               | 0.54          | -3.95              | 40.26             |
| 4               | 2430               | 0.14          | -3.53              | 44.36             |
| 5               | 2440               | -0.19         | -3.87              | 41                |
| 6               | 2450               | -0.1          | -3.82              | 41.51             |
| 7               | 2460               | -0.09         | -3.78              | 41.9              |
| 8               | 2470               | -0.21         | -3.79              | 41.78             |
| 9               | 2480               | 0.15          | -3.47              | 45                |
| 10              | 2490               | 0.66          | -3.87              | 41.02             |
| 11              | 2500               | 0.95          | -3.71              | 42.53             |