



Shenzhen Xunyangtongxun Technology Co., Ltd.

Unit 901, Workshop No.1, Honghui Industrial Zone, No.2 Liuxian 3rd Road, District 68, Xingdong Community, Xinan Subdistrict, Bao'an District, Shenzhen

## 2.4G Antenna Report

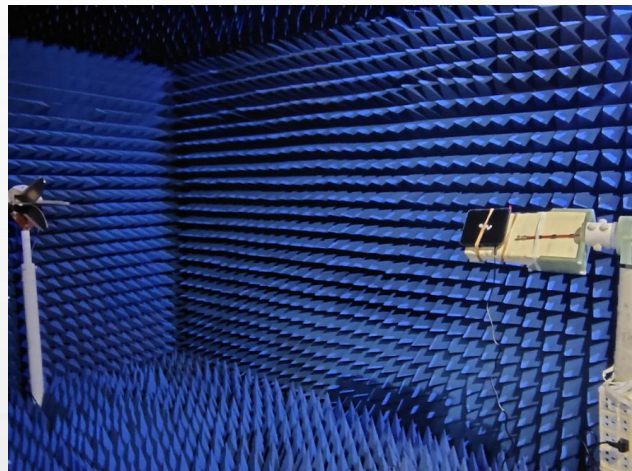
Engineer: ZHANG Tel: 18594232521 2026-06-02





Shenzhen Xunyantongxun Technology Co., Ltd.

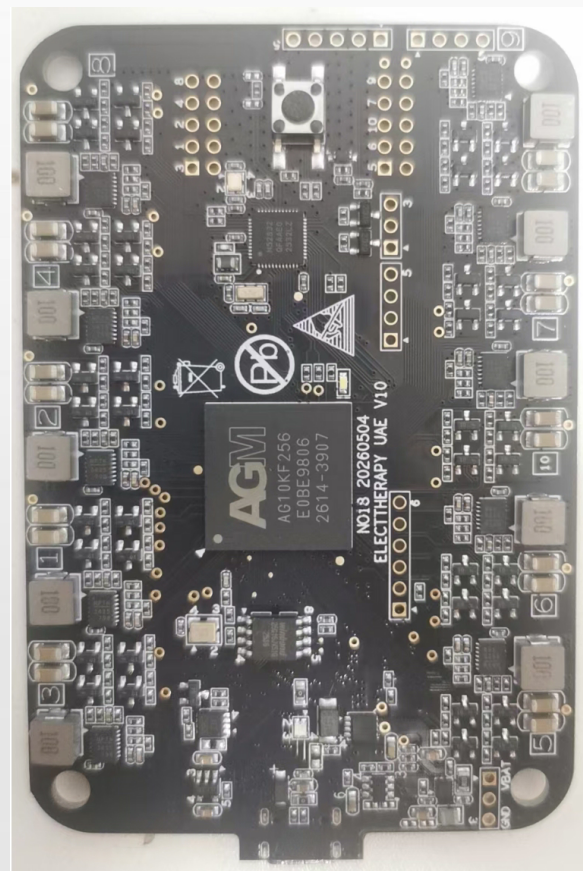
## 1、Test Environment





Shenzhen Xunyangtongxun Technology Co., Ltd.

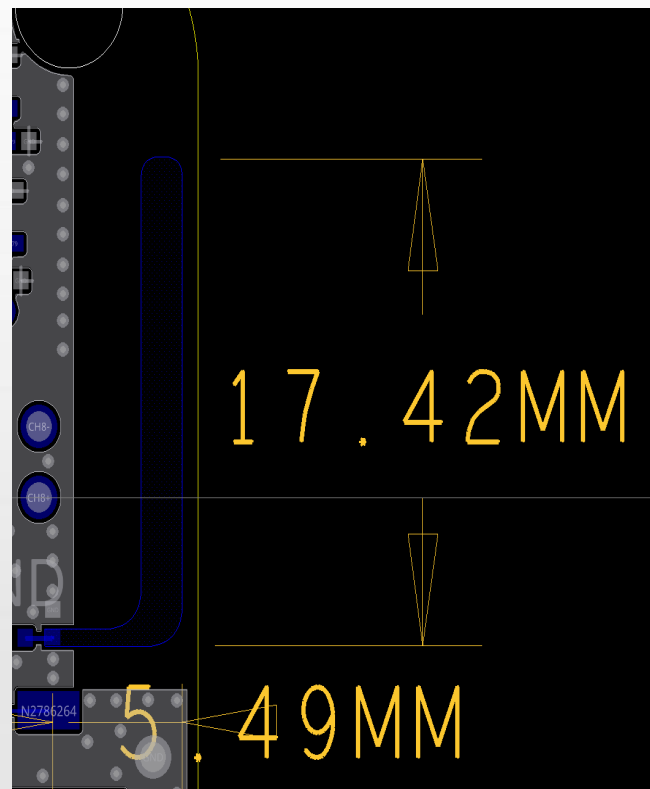
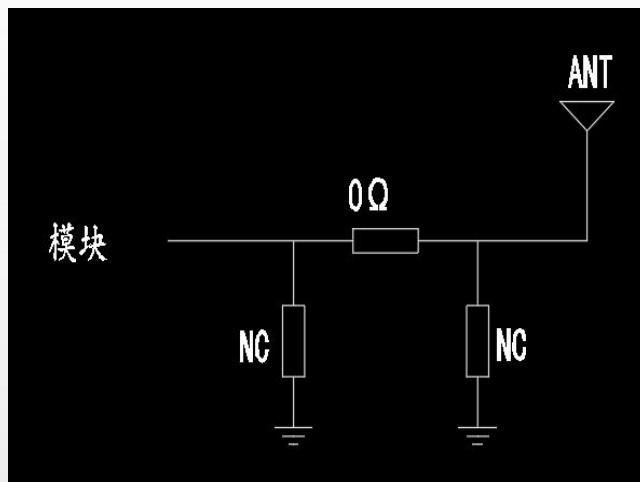
## 2、Device



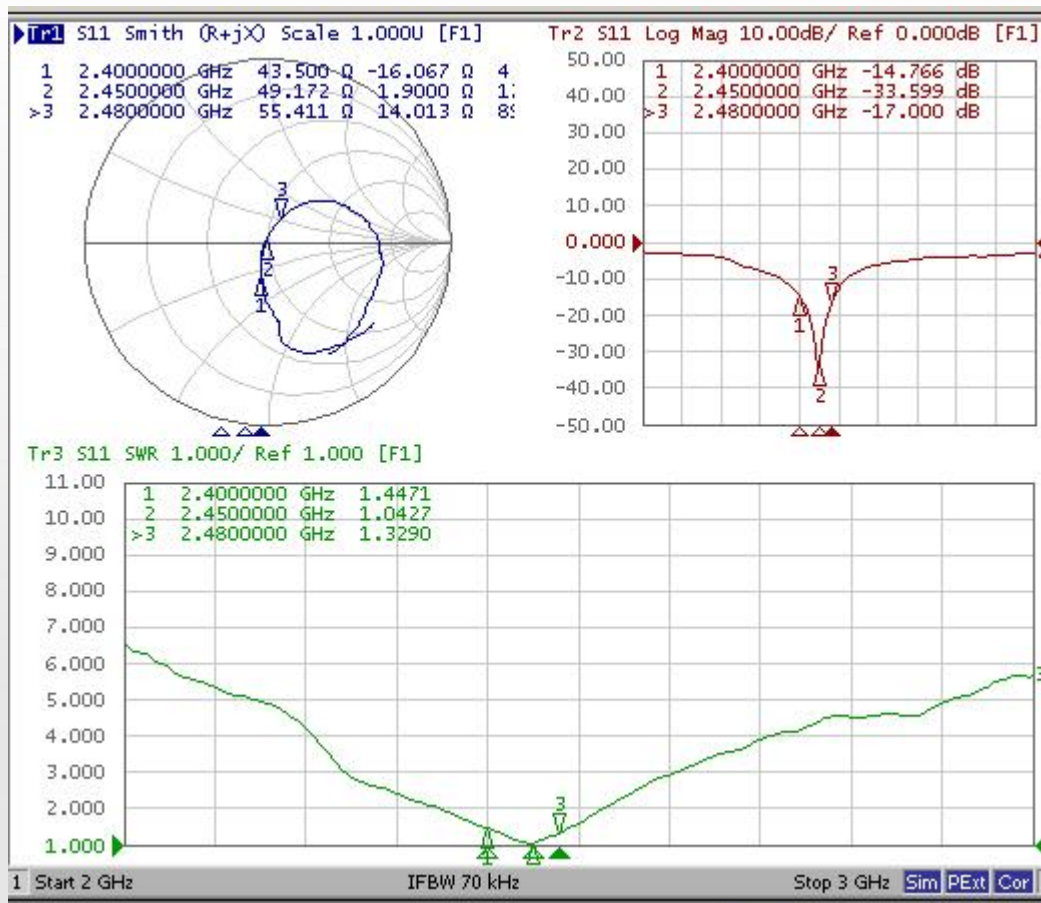


Shenzhen Xunyantongxun Technology Co., Ltd.

### 3、Antenna Matching and Dimensions



## 4、VSWR S11 and SMITH

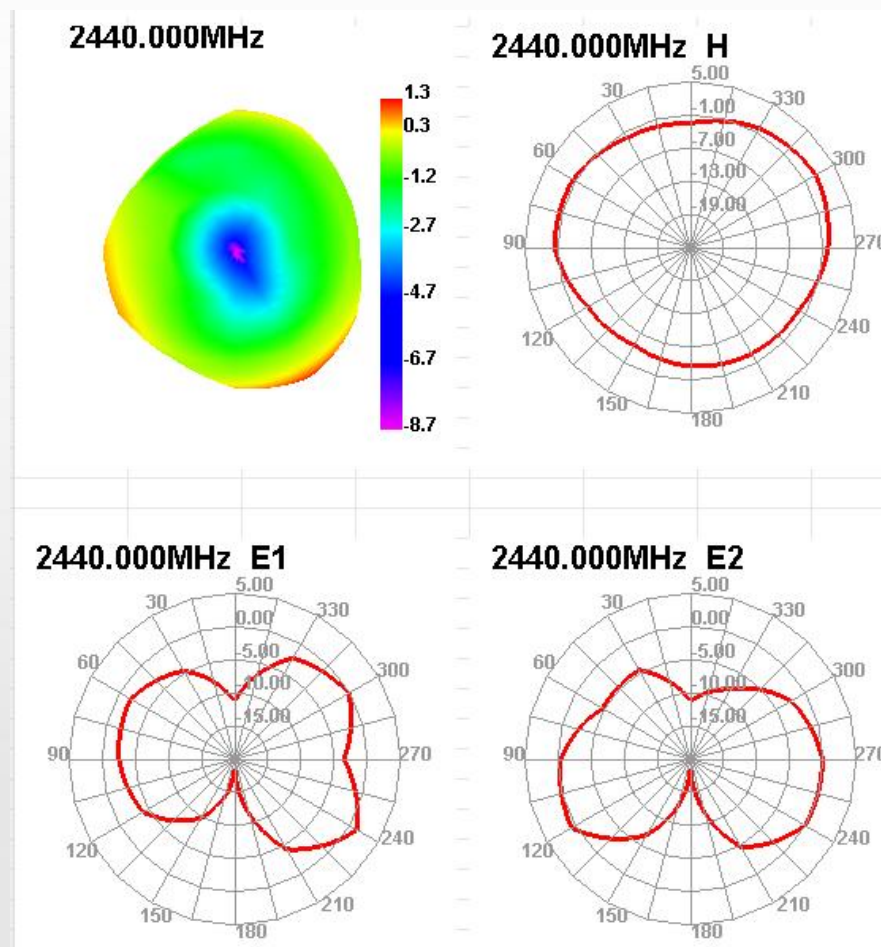




Shenzhen Xunyantongxun Technology Co., Ltd.

#### 4、Comparison of Antenna Efficiency and Gain

| Freq (MHz) | Effi (%) | Effi (dB) | Gain (dBi) |
|------------|----------|-----------|------------|
| 2400       | 62.02    | -2.07     | 2.26       |
| 2410       | 59.9     | -2.23     | 1.91       |
| 2420       | 58.13    | -2.36     | 1.56       |
| 2430       | 58.11    | -2.36     | 1.32       |
| 2440       | 60.84    | -2.16     | 1.3        |
| 2450       | 63.77    | -1.95     | 1.47       |
| 2460       | 65.88    | -1.81     | 1.6        |
| 2470       | 64.56    | -1.9      | 1.48       |
| 2480       | 65.53    | -1.84     | 1.47       |
| 2490       | 66.52    | -1.77     | 1.43       |
| 2500       | 64.34    | -1.92     | 1.19       |





Shenzhen Xunyantongxun Technology Co., Ltd.

## 5、Conclusion

Meets the requirements.

