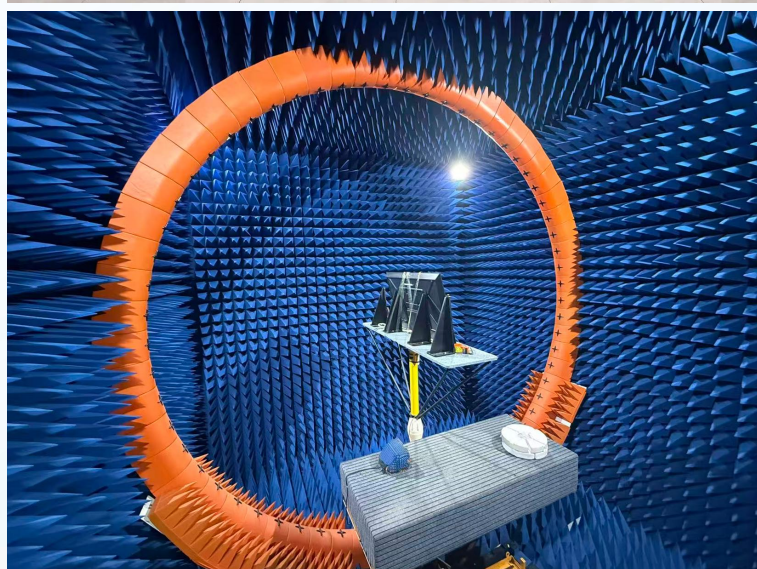


# Shenzhen Yishengbang Technology Co., Ltd

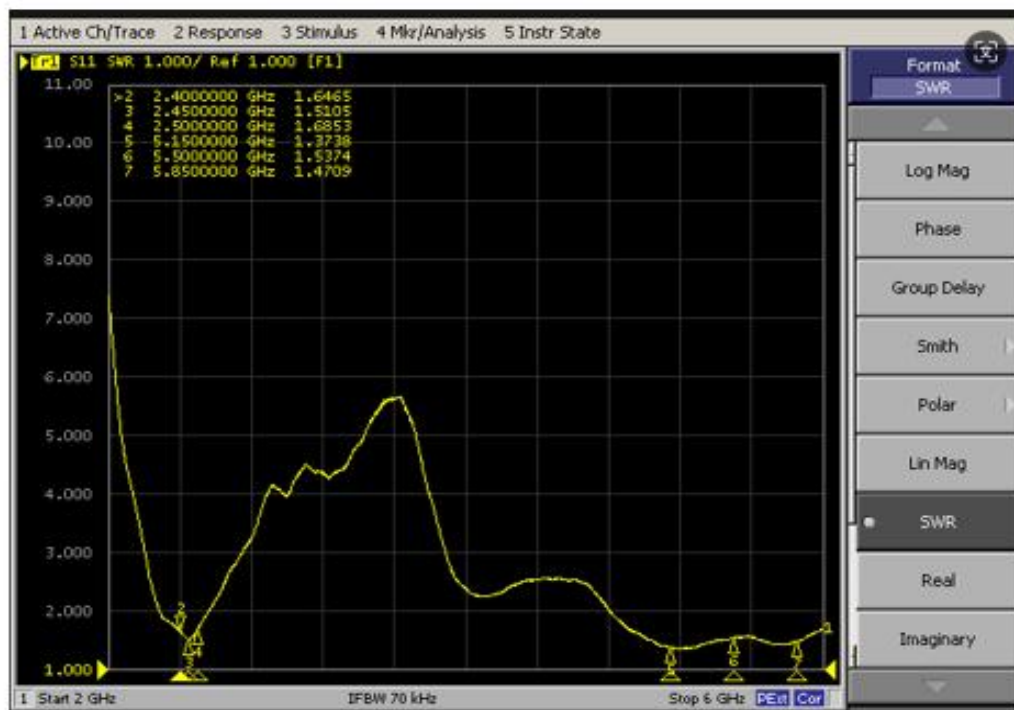
WIFI MAIN: SLK-APD-2806J

WIFI AUX: SLK-APD-1614H12 V1

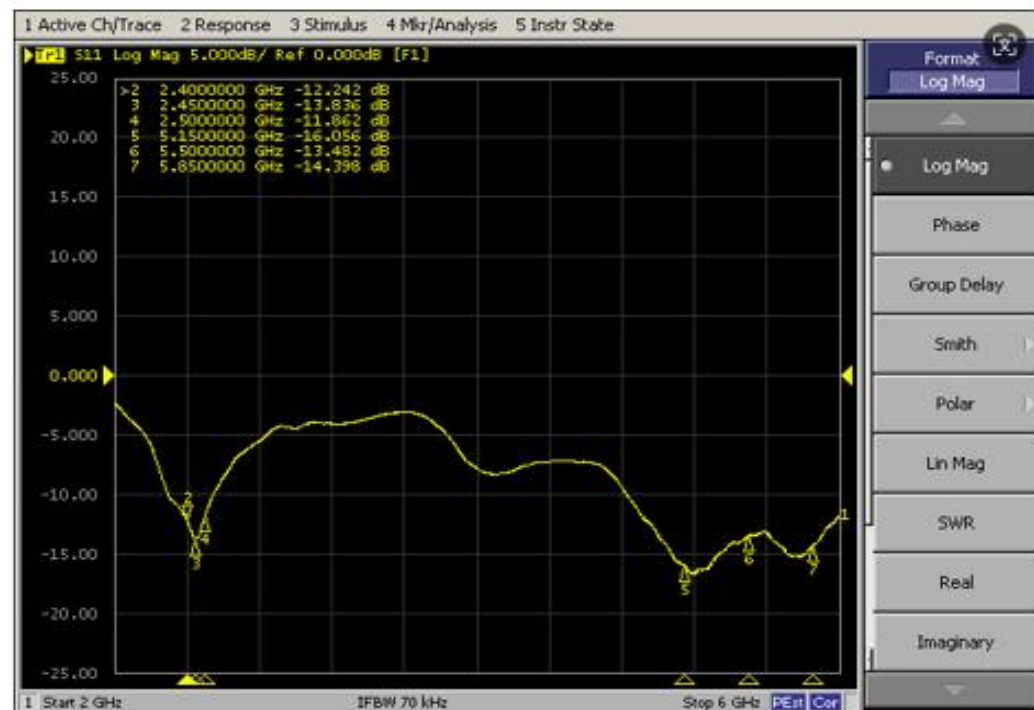
# 天线测试环境



# Antenna passive test parameters----S11



驻波图状态

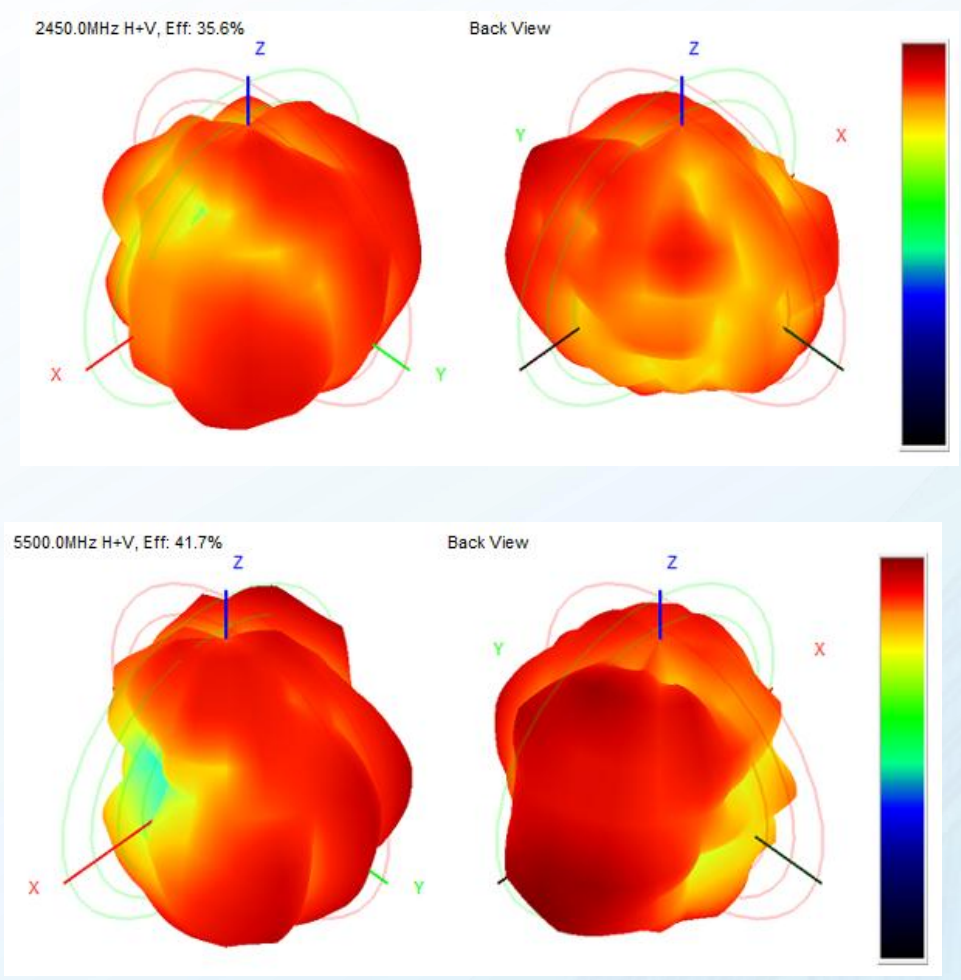


驻波回损状态

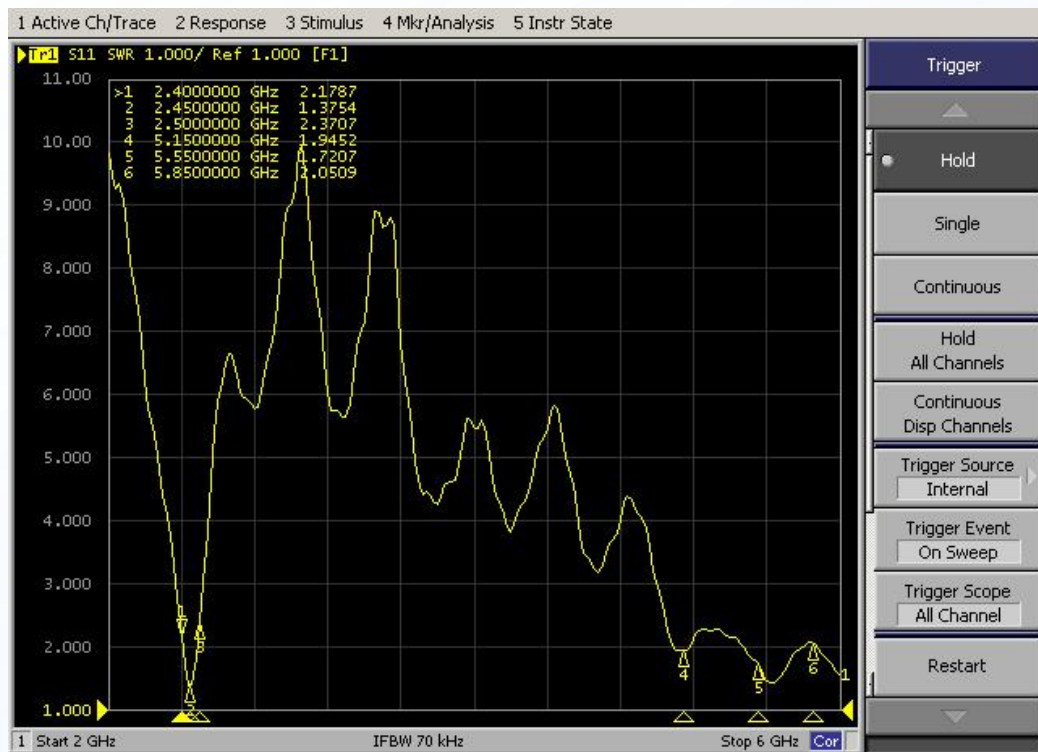
# Antenna1 passive test parameters---- Efficiency&Gain

| Frequency (MHz) | Efficiency (dBi) | Gain (dBi) | Efficiency (%) |
|-----------------|------------------|------------|----------------|
| 2400            | -4.31            | 1.04       | 37.04          |
| 2410            | -4.39            | 1.36       | 36.41          |
| 2420            | -4.50            | 1.57       | 35.49          |
| 2430            | -4.32            | 1.59       | 36.97          |
| 2440            | -4.42            | 1.62       | 36.12          |
| 2450            | -4.46            | 1.48       | 35.82          |
| 2460            | -4.52            | 1.57       | 35.28          |
| 2470            | -4.26            | 1.20       | 37.46          |
| 2480            | -4.38            | 1.41       | 36.49          |
| 2490            | -4.63            | 1.72       | 34.46          |
| 2500            | -4.46            | 1.66       | 35.79          |
| 5150            | -4.18            | 2.67       | 38.19          |
| 5350            | -3.88            | 2.37       | 40.95          |
| 5550            | -3.80            | 2.18       | 41.69          |
| 5750            | -4.05            | 2.37       | 39.33          |
| 5850            | -3.88            | 2.57       | 40.89          |

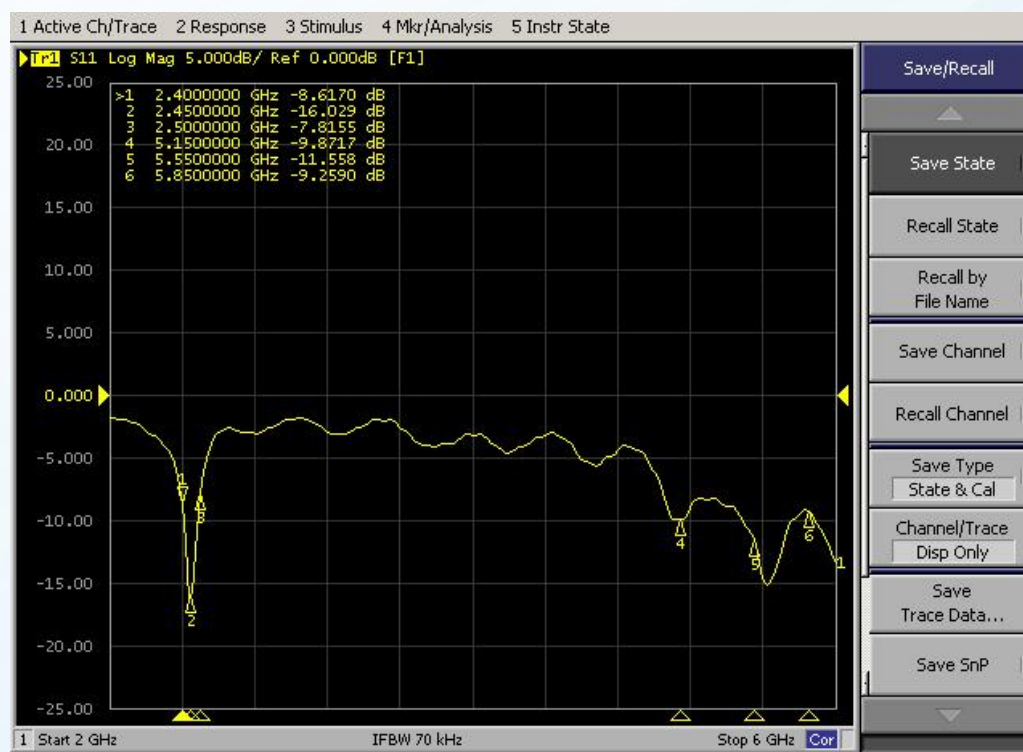
# Antenna1 passive test parameters----2D/3D pattern diagram



# 天线无源测试参数----S11



驻波图状态

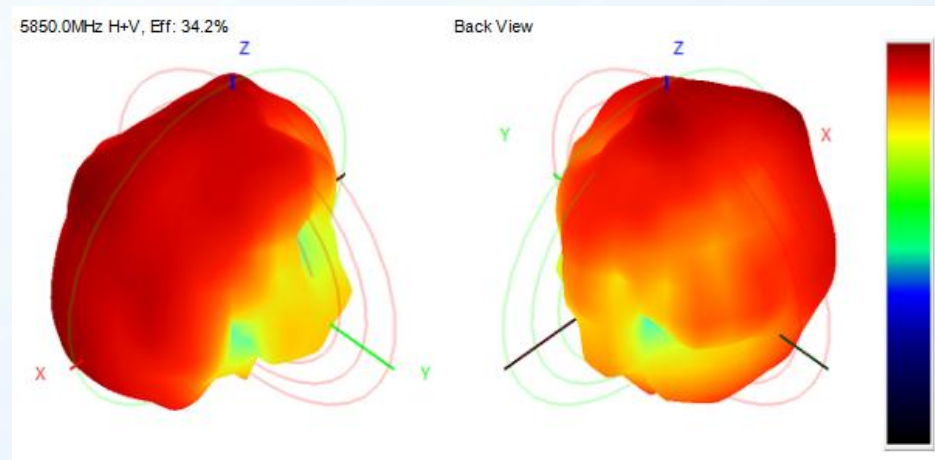
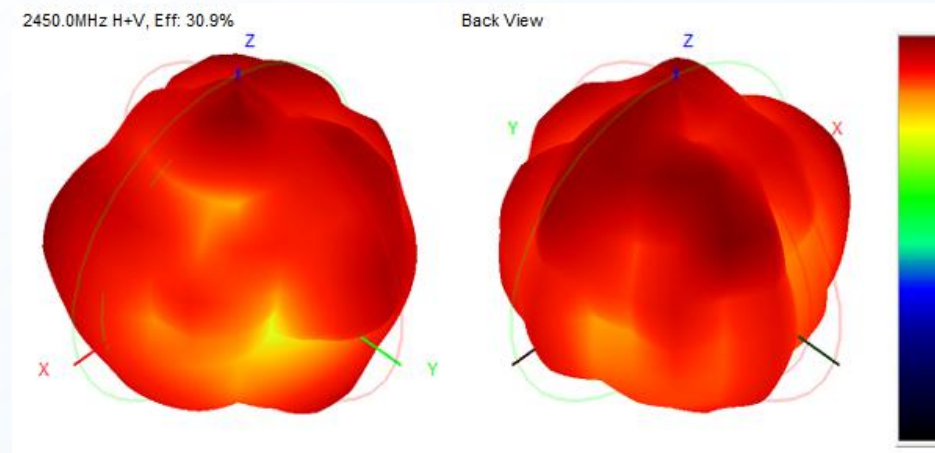


驻波回损状态

# Antenna2 passive test parameters      Efficiency&Gain

| Frequency (MHz) | Efficiency (dBi) | Gain (dBi) | Efficiency (%) |
|-----------------|------------------|------------|----------------|
| 2400            | -4.66            | 1.02       | 34.19          |
| 2410            | -4.88            | 1.45       | 32.53          |
| 2420            | -4.60            | 1.31       | 34.69          |
| 2430            | -5.01            | 1.75       | 31.54          |
| 2440            | -5.02            | 1.50       | 31.49          |
| 2450            | -5.10            | 1.14       | 30.88          |
| 2460            | -4.83            | 1.30       | 32.92          |
| 2470            | -5.06            | 1.30       | 31.19          |
| 2480            | -4.75            | 1.33       | 33.50          |
| 2490            | -5.16            | 1.53       | 30.46          |
| 2500            | -4.91            | 1.31       | 32.31          |
| 5150.0          | -5.15            | 2.33       | 30.54          |
| 5350.0          | -5.07            | 1.52       | 31.11          |
| 5550.0          | -5.15            | 2.09       | 30.57          |
| 5750.0          | -4.69            | 2.11       | 34.00          |
| 5850.0          | -4.66            | 2.04       | 34.22          |

# Antenna2 passive test parameters----2D/3D pattern diagram



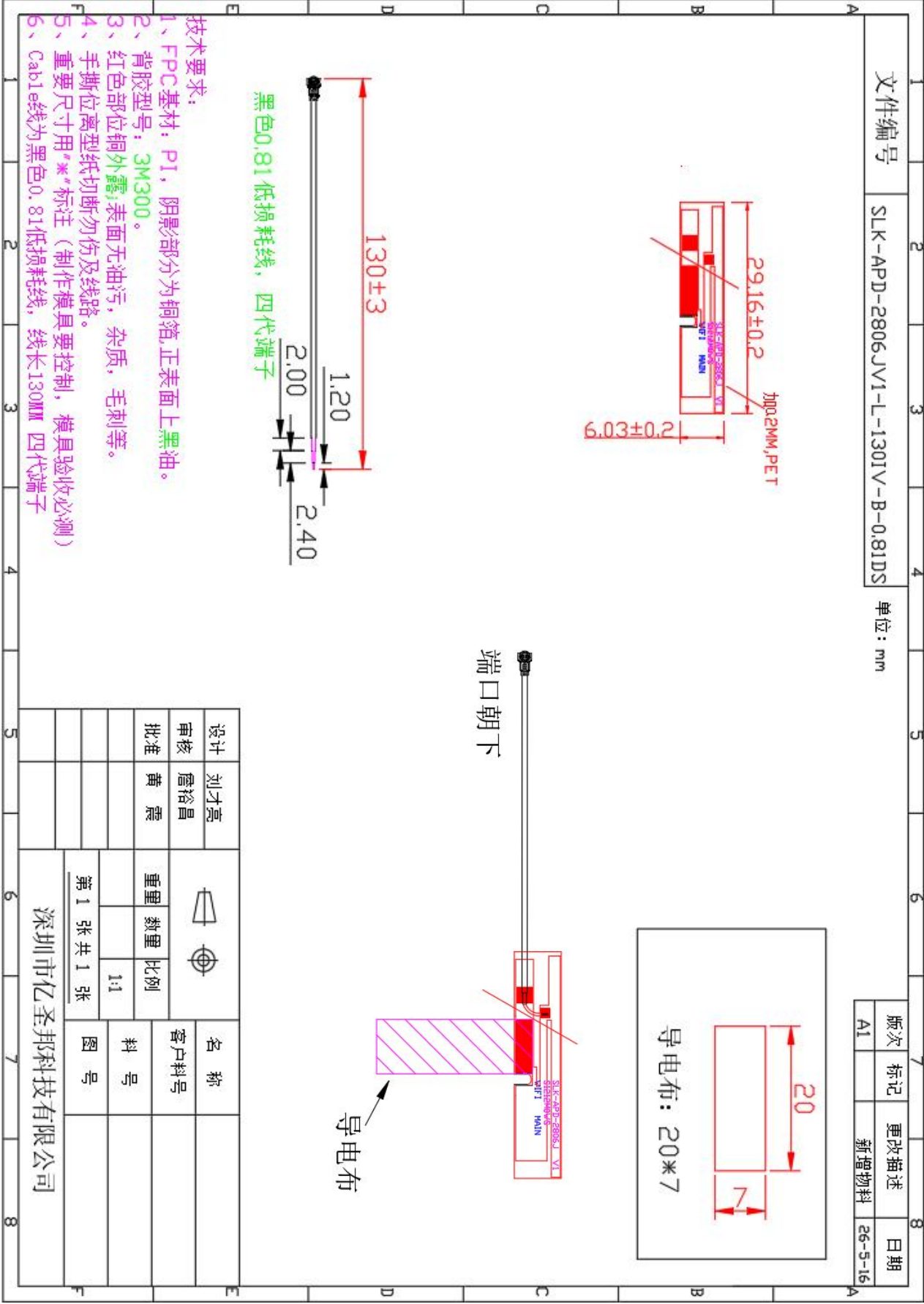
THANKS!

## Shenzhen Yishengbang Technology Co., Ltd

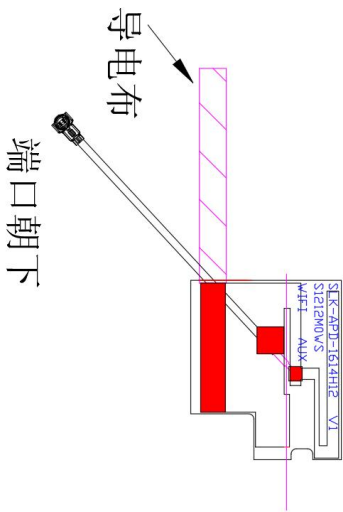
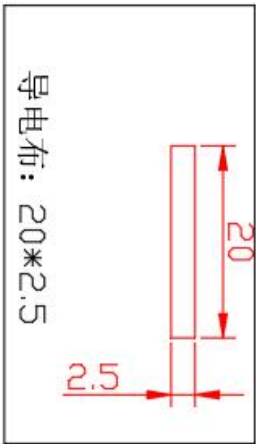
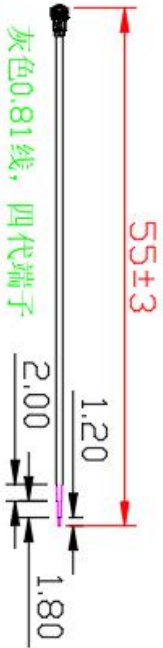
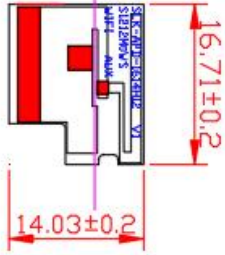


Address: Room 101, Building C, Shenzhen Qianwan Hard Technology Industrial Park, Nanchang Community, Xixiang Subdistrict, Bao'an District, Shenzhen

6. Antenna1 Dimensions (unit: mm)

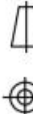


6. Antenna2 Dimensions (unit: mm)



技术要求:

- 1、FPC基材: PI, 阴影部分为铜箔, 正表面上黑油。
- 2、背胶型号: 3M300。
- 3、红色部位铜外露, 表面无油污, 杂质, 毛刺等。
- 4、手撕位离型纸切断勿伤及线路。
- 5、重要尺寸用“\*”标注 (制作模具要控制, 模具验收必测)
- 6、Cable线为灰色0.81线, 线长55MM 四代端子

|              |     |                                                                                     |     |     |         |  |  |
|--------------|-----|-------------------------------------------------------------------------------------|-----|-----|---------|--|--|
| 设计           | 刘才亮 |  |     |     | 名 称     |  |  |
| 审核           | 詹裕昌 |                                                                                     |     |     | 客 户 料 号 |  |  |
| 批准           | 黄 震 | 重 量                                                                                 | 数 量 | 比 例 | 料 号     |  |  |
|              |     |                                                                                     |     | 1:1 |         |  |  |
|              |     | 第 1 张 共 1 张                                                                         |     |     | 图 号     |  |  |
| 深圳市亿圣邦科技有限公司 |     |                                                                                     |     |     |         |  |  |

文件编号

SLK-APD-1614H12 V1-L-551V-G-0.81

单位: mm

版次

标记

更改描述

日期

A1

新增物料

26-5-16