

上海杰盛康通信工程有限公司

# 天线承认书

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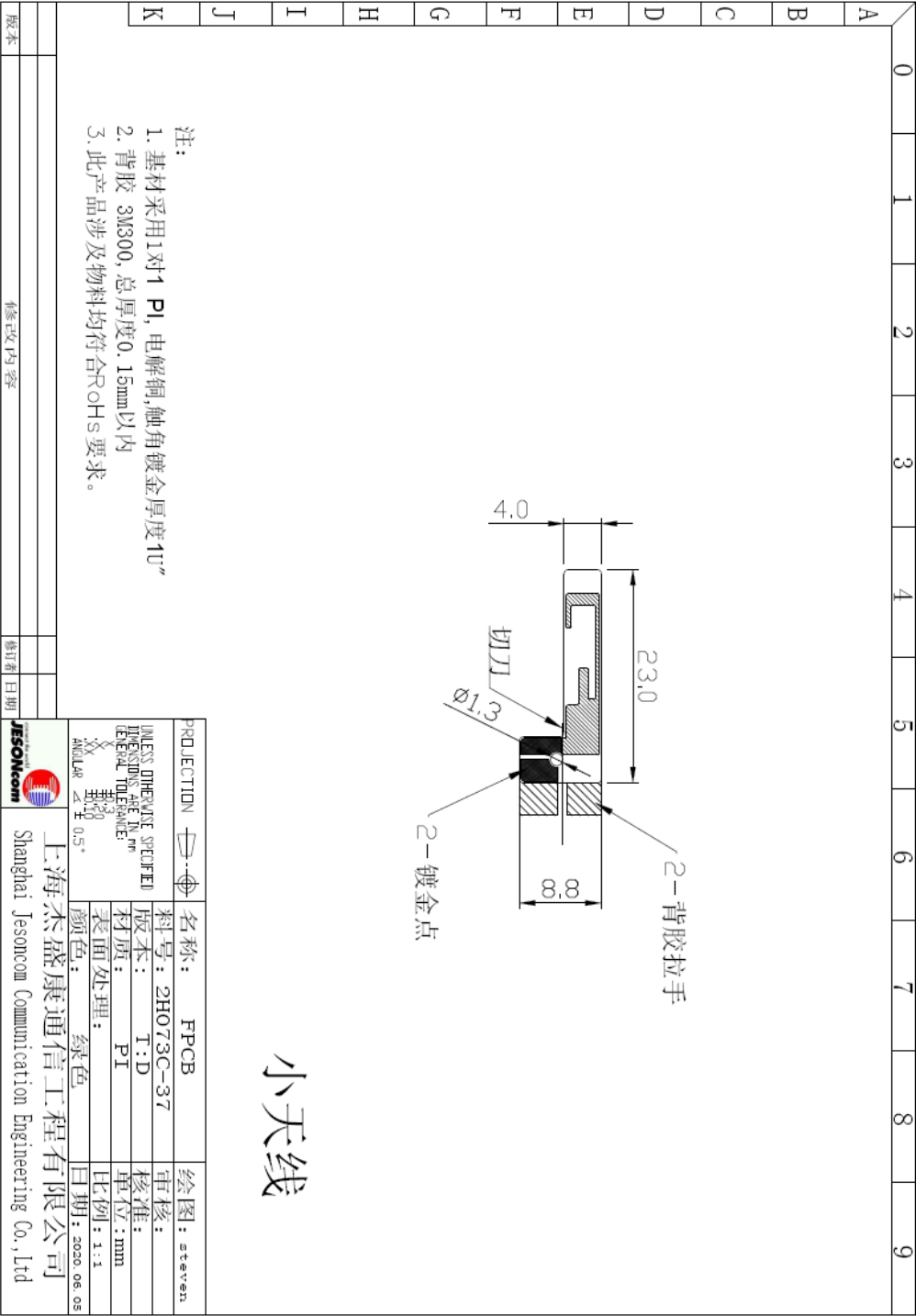
2020/6/5

## （1）样品天线描述

| 样品天线描述  |                                                      |
|---------|------------------------------------------------------|
| 厂家内部型号  | Ex: 2H073C-37                                        |
| 类别      | EX: WIFI                                             |
| 频段      | EX: 2400-2500M<br>5000-5880M                         |
| 形态      | Ex: PCB 内置天线                                         |
| 极化      | EX: 线极化                                              |
| 驻波      | EX: $\leq 1.6@2400-2500M$<br>$\leq 4.8@5000-5880M$   |
| 效率      | EX: $\geq 60\%@2400-2500M$<br>$\geq 22\%@5000-5880M$ |
| 增益      | Refer to data tabel in page 10.                      |
| 方向图     | 见附件                                                  |
| 接头类型    | Ex: /                                                |
| 接头属性    | Ex: /                                                |
| 有源/无源   | Ex:                                                  |
| 颜色以及材质  | Ex: 绿色 /PI                                           |
| 天线尺寸    | Ex: 23*8.8 (mm)                                      |
| 馈线类型和尺寸 | Ex: /                                                |
| 馈线损耗    | Ex: 无                                                |
| 工作温度    | Ex: -40~85℃                                          |
| 功率容量    | Ex: 无                                                |
| 防水等级    | Ex: /                                                |
| 盐雾等级    | Ex: 24H                                              |
| 高低温     | 见报告                                                  |
| 震动、跌落   | Ex: /                                                |
| 吸力测试    | EX:无                                                 |
| 版本      | T:A                                                  |

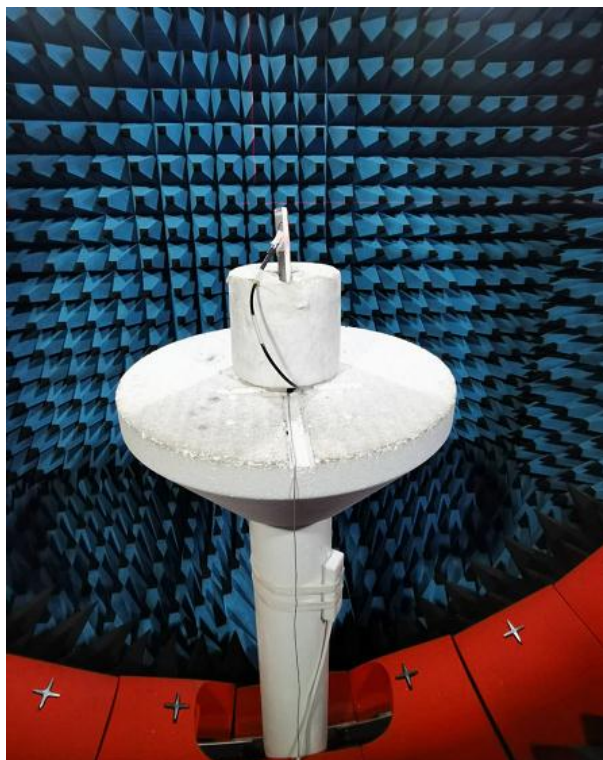
## (2) 样品天线图片



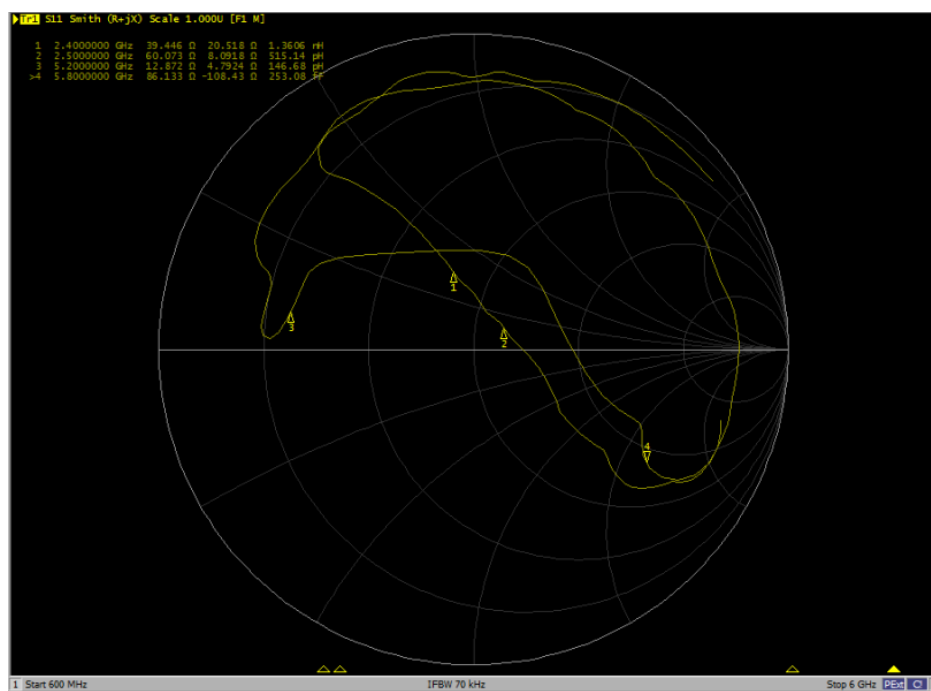
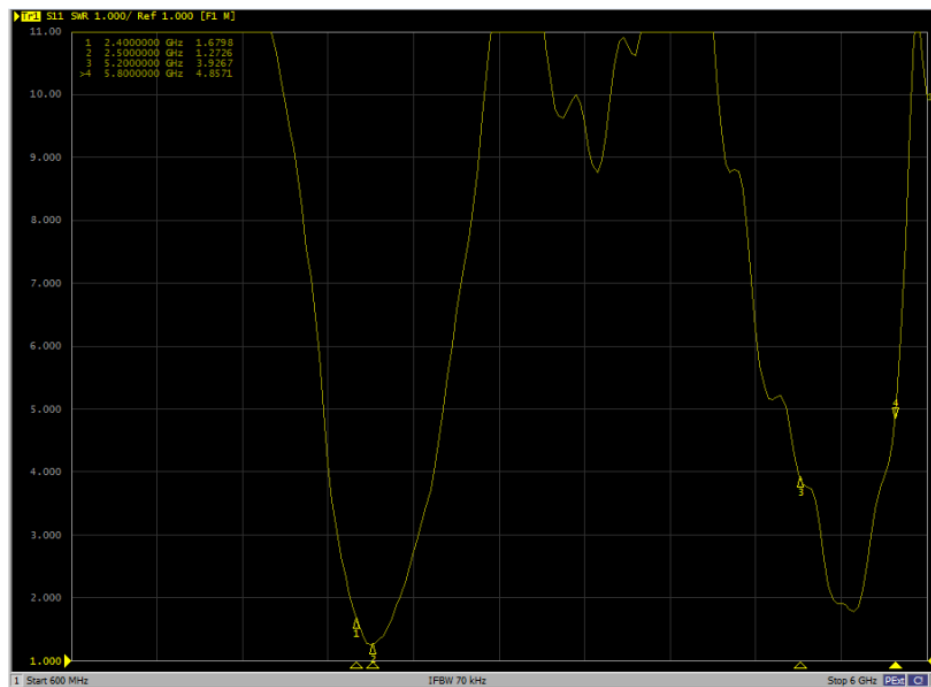


产品图

### (3) 天线测试环境图



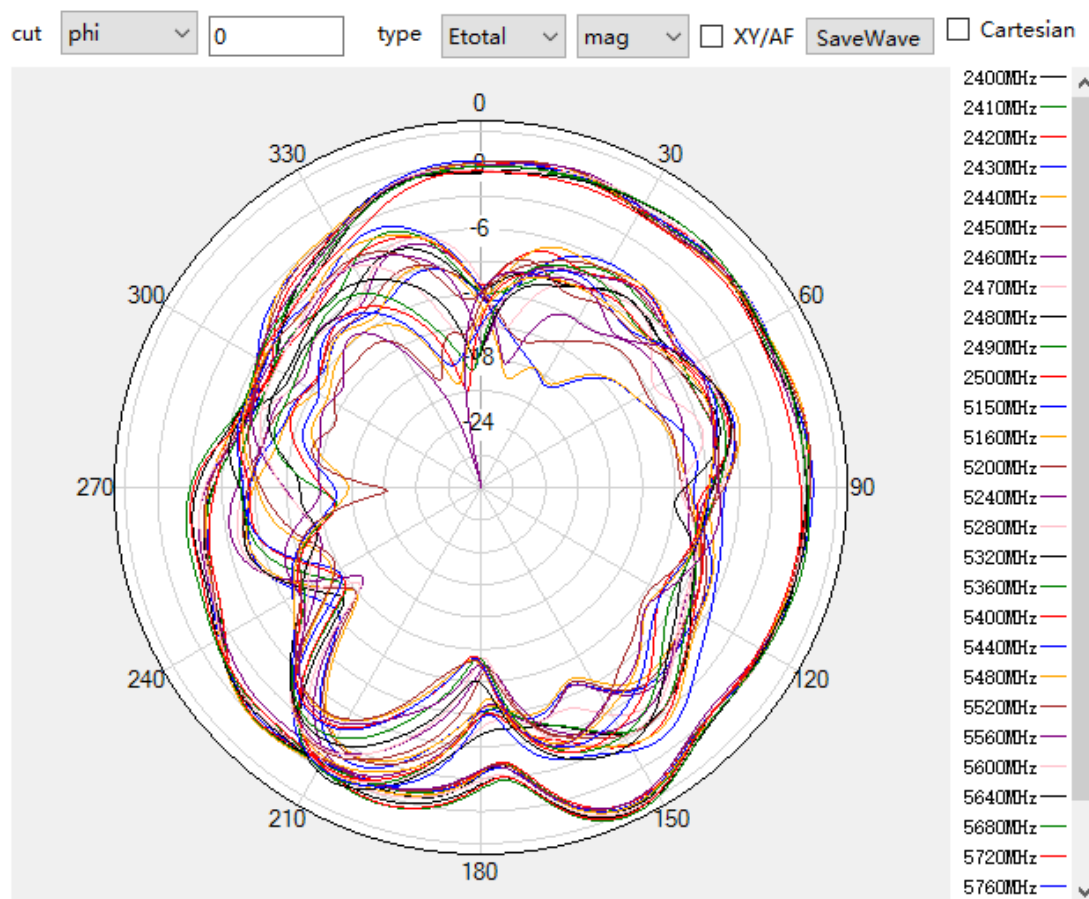
#### (4) 测试 S11 截图



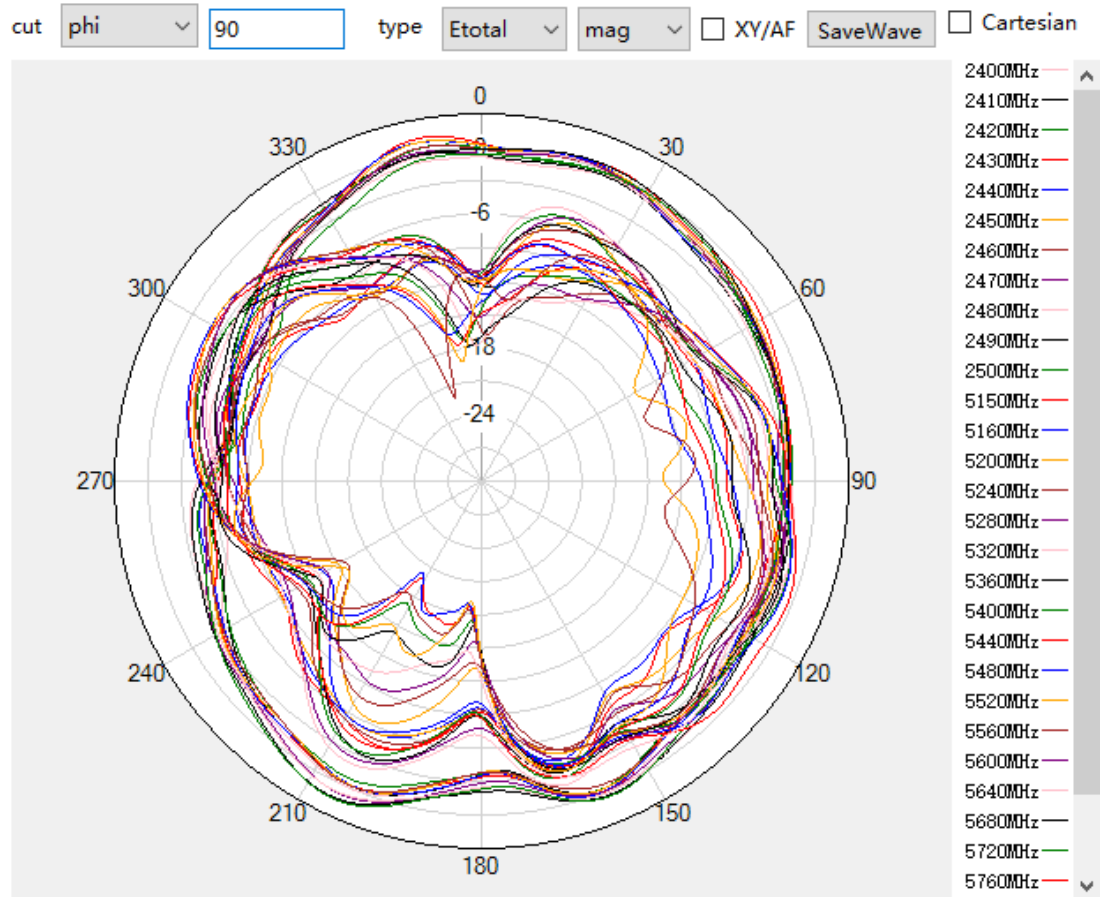
## (5)测试方向图截图

E&H 面方向图:

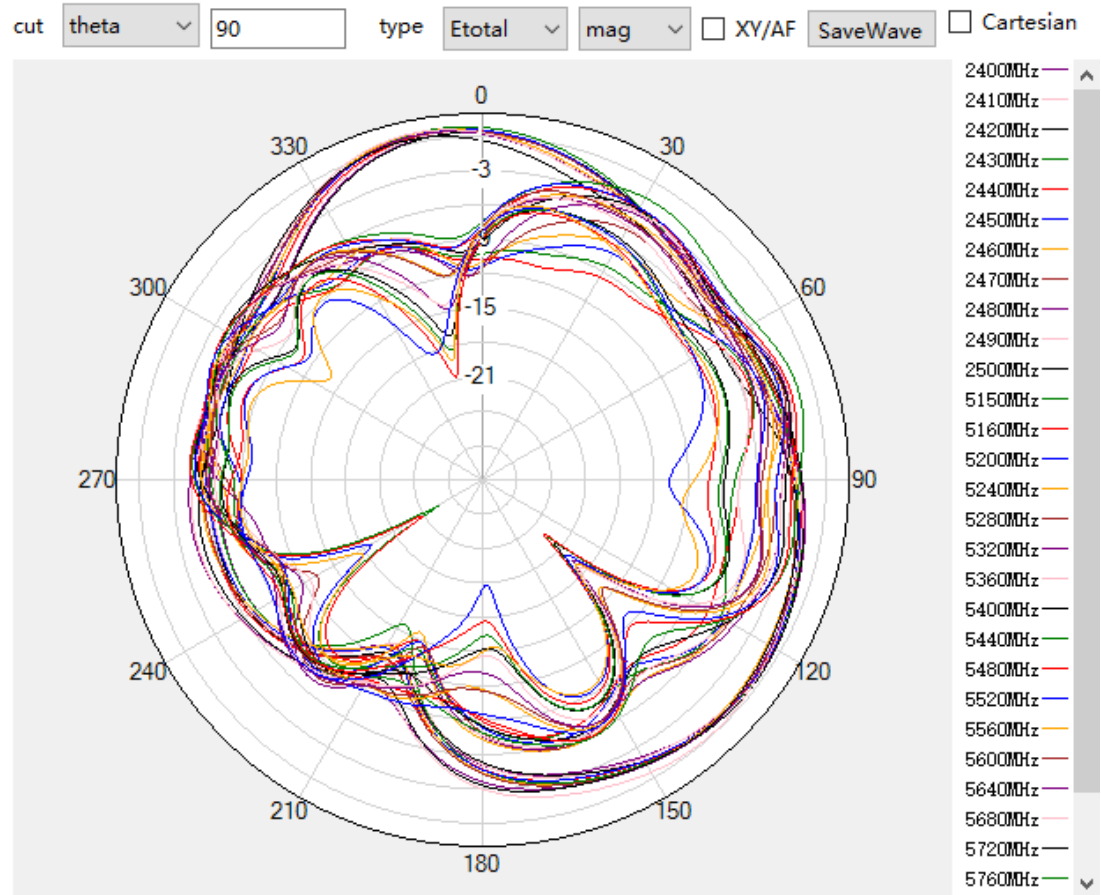
E1



## E2



H



3D 方向图:

暂无

(6) 无源效率测试数据截图

| Gain&Efficiency<br>增益和效率 |                    |                  |
|--------------------------|--------------------|------------------|
| frequency<br>频率<br>(MHz) | gain<br>增益<br>(dB) | efficiency<br>效率 |
| 2400                     | 2.85               | 60.43%           |
| 2420                     | 2.58               | 61.21%           |
| 2440                     | 2.99               | 63.75%           |
| 2450                     | 2.62               | 62.68%           |
| 2470                     | 3.3                | 65.65%           |
| 2480                     | 3.42               | 66.87%           |
| 2500                     | 3.37               | 64.25%           |
| 5150                     | 1.21               | 22.36%           |
| 5200                     | 1.41               | 22.89%           |
| 5280                     | 2.63               | 26.81%           |
| 5360                     | 2.83               | 30.24%           |
| 5440                     | 2.33               | 37.59%           |
| 5520                     | -0.06              | 29.73%           |
| 5600                     | -0.71              | 25.46%           |
| 5680                     | -1.41              | 25.82%           |
| 5760                     | -1.67              | 23.87%           |
| 5800                     | -1.72              | 22.81%           |
| 5850                     | -1.97              | 22.14%           |