

規格承認書  
SPECIFICATION FOR APPROVAL

客 戶

CUSTOMER: \_\_\_\_\_

客戶料號

CUSTOMER NO: \_\_\_\_\_

品 名

PART NAME: 2.25dBi WIFI6E ANTENNA

供方料號

SUPPLIER NO: SY-W6E8412147BR050C1-L01

送樣日期Date: 2021.09.12

送樣數量Q' TY: PCS

| 客戶確認 CUSTOMER APPROVED BY |       |            |
|---------------------------|-------|------------|
| APPROVAL                  | CHIEF | SUPERVISOR |
|                           |       |            |

| 供方確認 SUPPLIER SIGNATURE |       |         |
|-------------------------|-------|---------|
| APPROVAL                | CHECK | DESIGN  |
| Jammy                   | Jerry | Patrick |

承认书项目表

|   | 内容（Contents）                              | 页数(Numberof<br>Page) | 页码（Page<br>Code） |
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| 3 | 产品规格描述（Product<br>specificationdescribes） | 1                    | 3                |
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产品图片

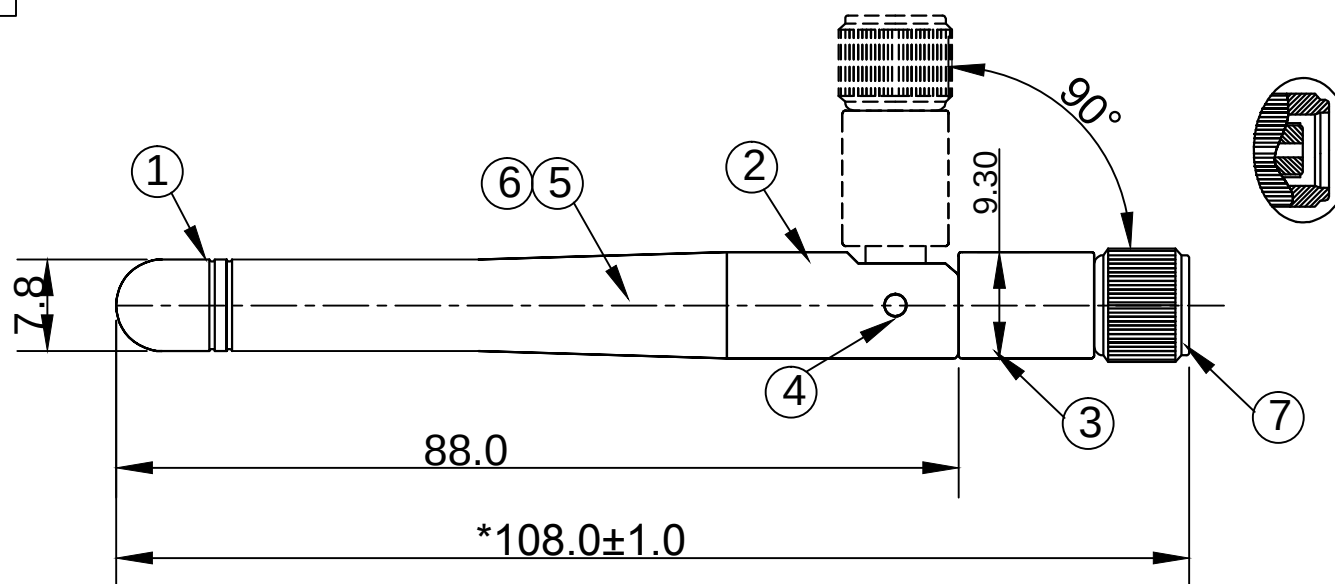


产 品 规 格 概 述

| Electrical Properties |                               |
|-----------------------|-------------------------------|
| Frequency             | 2400-2500MHz;<br>5150-7125MHz |
| Impedance             | 50 Ohm                        |
| Return Loss           | ≥10dB                         |
| VSWR                  | 2.0 MAX                       |
| GAIN                  | 2.25dBi                       |
| Polarization          | Vertical                      |
| Physical Properties   |                               |
| Antenna body          | COPPER                        |
| Cable Type            | RG-178 CABLE                  |
| Operating Temp.       | -30~+80℃                      |
| Storage Temp.         | -35~+80℃                      |
| Cable Color           | BROWN                         |

ROHS

| REV. | CONTENT | DATE       |
|------|---------|------------|
| A    | 首次发行    | 2021.09.12 |



Specitication:

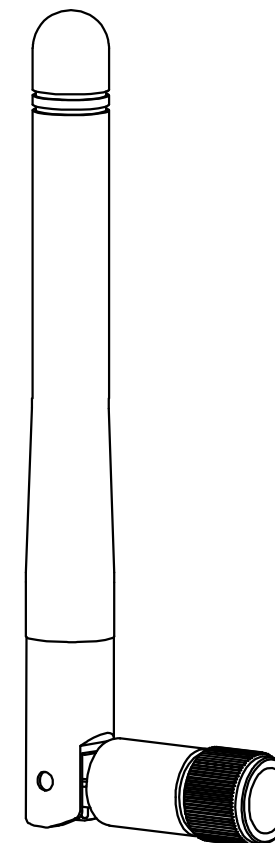
Frequency Rang:2400-2500MHz

5150-7125Mhz

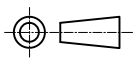
Return Loss:-10dB

VSWR:2.0Max

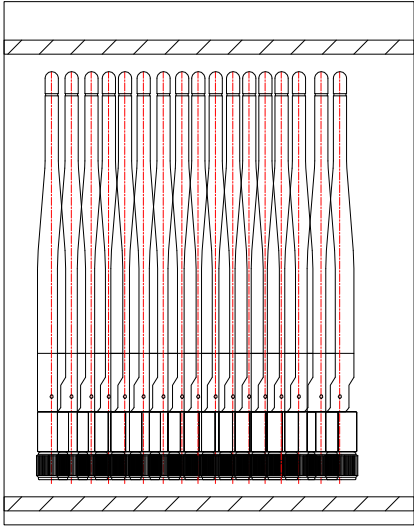
GAIN:2dBi



|     |               |                              |      |
|-----|---------------|------------------------------|------|
| 7   | CON10207A.P01 | 小S SMA公头母针FOR RG-178 半塑 内牙镀镍 | 1PC  |
| 6   | 铜管 SY-2147    | 铜管天线                         | 1PC  |
| 5   | COA17801A     | RG178 Cable同轴线 (棕色)          | 1PC  |
| 4   | PLA10127A.B01 | POM铆钉                        | 2PC  |
| 3   | PLA10126A.B01 | 小孔下固定座,9.35*19.7mm黑色         | 1PC  |
| 2   | PLA10125A.B01 | 上固定座, 9.35mm*28.8mm黑色        | 1PC  |
| 1   | PLA10124A.B01 | 杆套, 9.35*67.5*7.9mm黑色        | 1PC  |
| NO. | Name          | Finished                     | Q'ty |

|                                                                                                                                                       |                                      |              |          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|--------------|----------|
|  东莞市仕研电子通讯有限公司<br>DONGGUAN SEYA ELECTRONIC COMMUNICATION CO.,LTD |                                      | CUSTOMER     |          |
|                                                                                                                                                       |                                      | PART NO      |          |
|                                                                                                                                                       |                                      | TITLE        |          |
|                                                                                                                                                       |                                      | S.H P/NO     |          |
|                                                                  | TOLERANCE UNLESS OTHERWISE SPECIFIED |              | SIZE     |
|                                                                                                                                                       | UNIT:mm                              | ANGLES ±0.5° | DRAWED   |
|                                                                                                                                                       | SHEET: 1/2                           | X.XX ±0.2    | CHECKED  |
|                                                                                                                                                       | SCALE: 1/1                           | XX. ±5.0     | APPROVED |
| DATE:2021-09-12                                                                                                                                       |                                      | A4           |          |
|                                                                                                                                                       |                                      | Leo          | Jerry    |
|                                                                                                                                                       |                                      |              | Jammy    |

包装规范

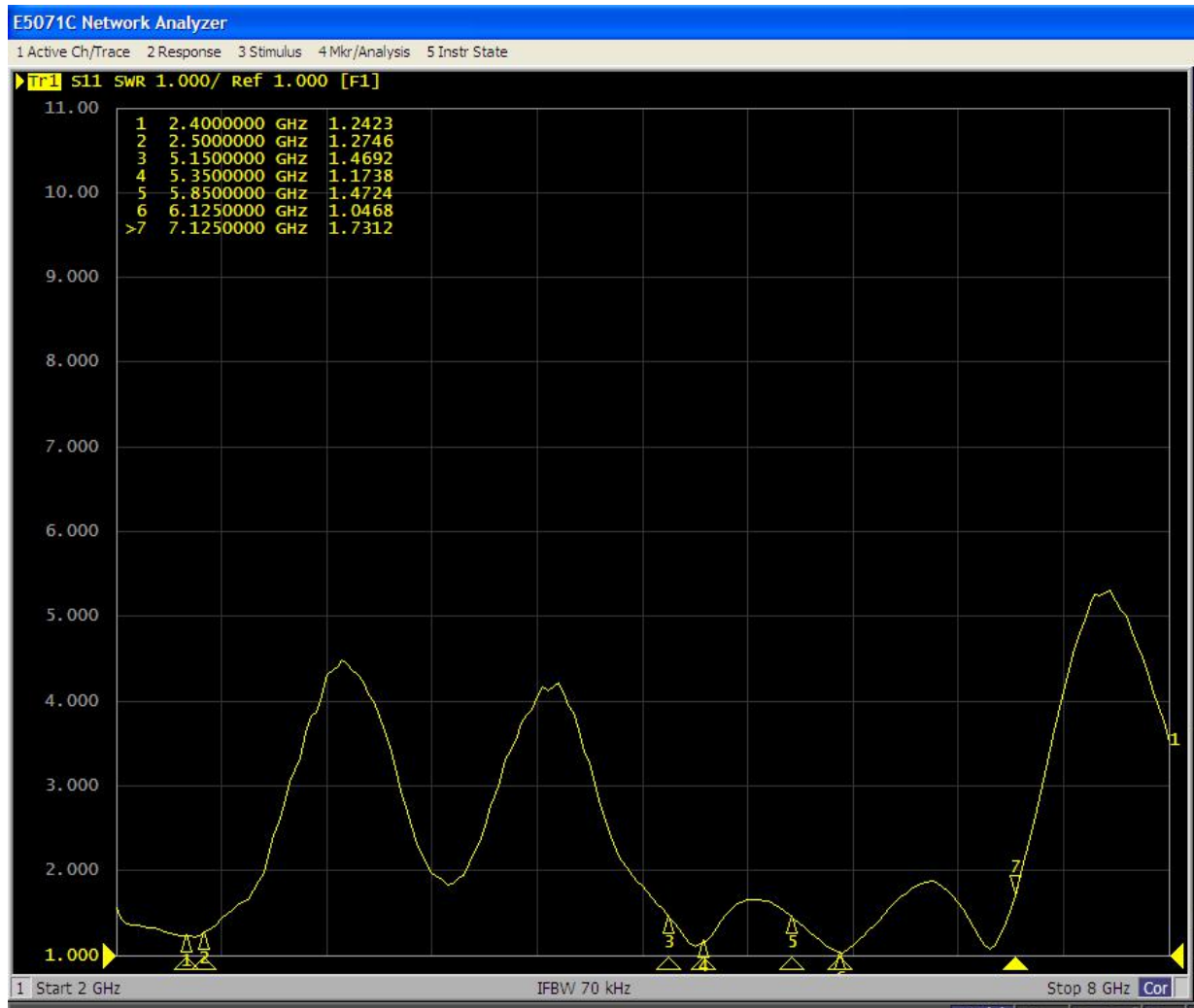
|                                                                                     |                          |                                                                                      |   |
|-------------------------------------------------------------------------------------|--------------------------|--------------------------------------------------------------------------------------|---|
| 产品料号                                                                                | SY-W6E8412147BR050C1-L01 | 版本                                                                                   | A |
| 产品规格                                                                                | 2.25dBi WIFI6E Antenna   | 客户                                                                                   |   |
| 包装步骤与规范如下：                                                                          |                          |                                                                                      |   |
| 1. 产品照片(单PCS照片)                                                                     |                          | 2. 天线50PCS产品PE袋封装（预估数量）                                                              |   |
|   |                          |  |   |
| 3. XXX PCS装一箱, 可根据订单数量及可装箱数量进行包装。                                                   |                          | 4. 放入纸箱内打好包装带贴上相应的标签                                                                 |   |
|  |                          |  |   |

核准：Jammy

审核：Jerry

制定：Patrick

## 网络测试

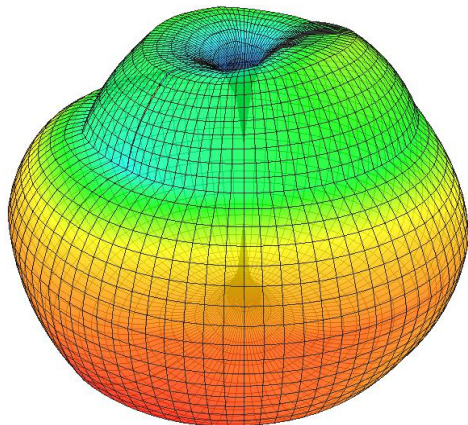


## Gain测试

| 参数\频率<br>(mhz)    | 2400  | 2410  | 2420  | 2430 | 2440  | 2450  | 2460 | 2470  | 2480  | 2490  | 2500  |
|-------------------|-------|-------|-------|------|-------|-------|------|-------|-------|-------|-------|
| Peak<br>Gain(dBi) | 2.06  | 2.13  | 2.25  | 2.02 | 1.92  | 2.16  | 2.12 | 2.04  | 1.96  | 2.05  | 2.18  |
| Efficiency<br>(%) | 68.83 | 71.48 | 73.25 | 68.6 | 67.83 | 69.42 | 70.2 | 68.83 | 68.04 | 71.97 | 72.35 |

| 参数\频率<br>(mhz)    | 5150  | 5500  | 5850  | 6125  | 6325  | 6525  | 6825  | 7125  |
|-------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Peak<br>Gain(dBi) | 2.14  | 2.12  | 2.22  | 2.18  | 1.98  | 2.07  | 2.16  | 2.22  |
| Efficiency(%)     | 67.99 | 70.45 | 72.61 | 67.54 | 67.01 | 68.31 | 69.39 | 67.96 |

3D



2D

