



東莞市仕研電子通訊有限公司

DONGGUAN SEYA ELECTRONIC COMMUNICATION CO.,LTD

規格承認書

SPECIFICATION FOR APPROVAL

Rev.A

客 戶

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



客 戶 料 号

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

品 名

PART NAME: 2.4ANTENNA

供 方 料 号

SUPPLIER NO: SY-W90PE6043G255C4L-L01

送样日期Date: 2019-06-18

送样数量Q' TY: PCS

| 客户确认 CUSTOMER APPROVED BY |       |            |
|---------------------------|-------|------------|
| APPROVAL                  | CHIEF | SUPERVISOR |
|                           |       |            |

| 供方确认 SUPPLIER SIGNATURE |       |         |
|-------------------------|-------|---------|
| APPROVAL                | CHECK | DESIGN  |
| Jammy                   | Jerry | Patrick |



## 承认书项目表

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| 2   | 承认书项目表 (Spec Item )                         | 1                          | 2                     |
| 3   | 产品图片 (Product Pictures)                     | 1                          | 3                     |
| 4   | 产品规格描述 (Product<br>specification describes) | 1                          | 4                     |
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## 产品图片

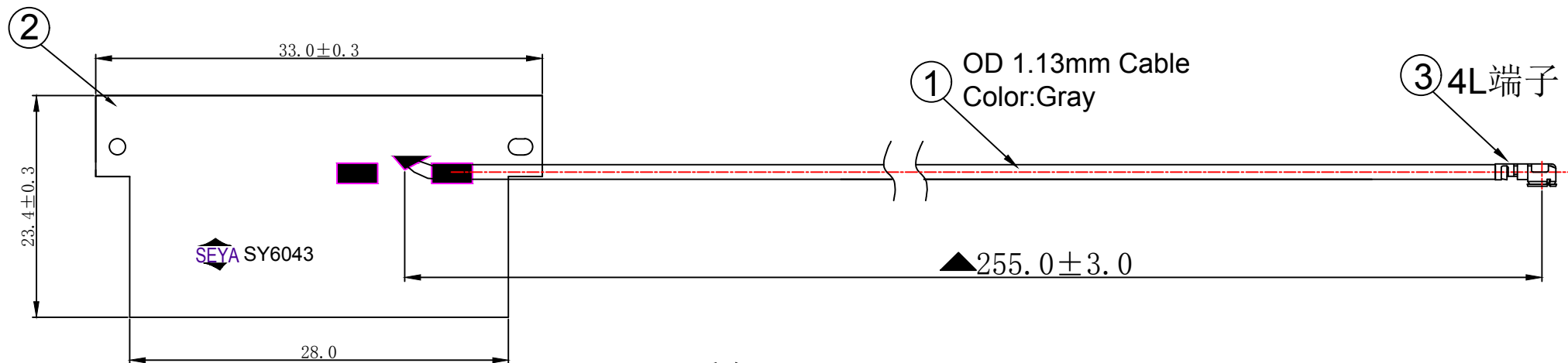


产品规格概述

| Electrical Properties |                         |
|-----------------------|-------------------------|
| Frequency             | 2400~2500MHz            |
| Impedance             | 50 Ohm Nominal          |
| Return Loss           | -10 dB                  |
| VSWR                  | 2.0MAX                  |
| GAIN                  | 3.03dBi                 |
| Contact               | IPEX-4L                 |
| Physical Properties   |                         |
| Antenna Material      | Antenna ingredient: FPC |
| Cable Type            | Φ1.13 CABLE             |
| Working Temp.         | -20 ~ +70 °C            |
| Cable Color           | Gray                    |

ROHS

| REV. | CONTENT | DATE       |
|------|---------|------------|
| A    | 首次发行    | 2019.06.18 |

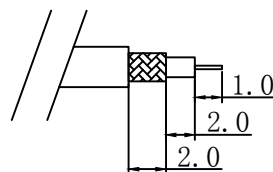


SEYA SY6043

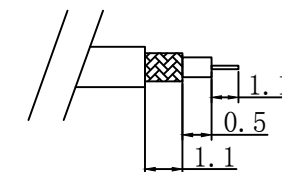
① OD 1.13mm Cable  
Color:Gray

③ 4L端子

▲255.0±3.0



FPC STRIPPING DIM'S



IPEX-4L STRIPPING DIM'S

重点:

1. 裁线尺寸: 255.0mm
2. ▲为重点检验尺寸
3. FPC不可有破损、掉漆漏铜等现象

备注:

1. 线材为RF1.13灰色线材, 特性阻抗为50 Ohm

网络测试:

测试频段: 2.4~2.5; 5.15~5.85Ghz

VSWR: 2.0MAX

RETURN: -10dB

GAIN: 3dBi

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DONGGUAN SEYA ELECTRONIC COMMUNICATION CO., LTD

|           |         |                         |          |
|-----------|---------|-------------------------|----------|
| CUSTOMER  |         |                         |          |
| PART NO   |         |                         |          |
| TITLE     |         | 2.4-5.85G WIFI ANTENNA  |          |
| S. H P/NO |         | SY-W90PE6043G255C4L-L01 |          |
| SIZE      | DRAWED  | CHECKED                 | APPROVED |
| A4        | Patrick | Jerry                   | Jammy    |

|     |                  |                                            |      |
|-----|------------------|--------------------------------------------|------|
| 3   | TER10010A.P01    | 4L I-PEX端子FOR Ø1.13mm Coaxial Cable        | 1PC  |
| 2   | FPC10182A-SY6043 | 天线FPC, 表面印黑油, SIZE:33.0*23.4*0.1mm         | 1PC  |
| 1   | COA11301A        | Ø1.13mm Coaxial Cable同轴线, 颜色: 灰色 L=255.0mm | 1PC  |
| NO. | Name             | Finished                                   | Q'ty |



# 東莞市仕研電子通訊有限公司

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## 包 裝 規 範

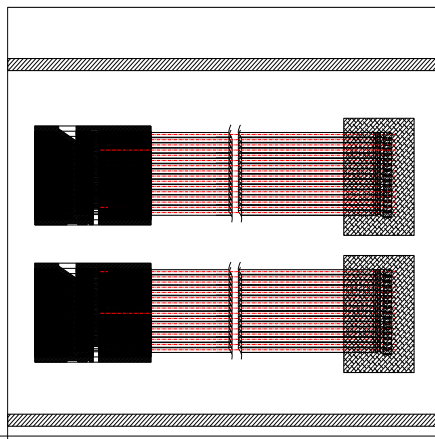
|      |                         |    |   |
|------|-------------------------|----|---|
| 產品料號 | SY-W90PE6043G255C4L-L01 | 版本 | A |
| 產品品名 | 2. 4ANTENNA             | 客戶 |   |

包裝步驟與規範如下：

1. 產品照片



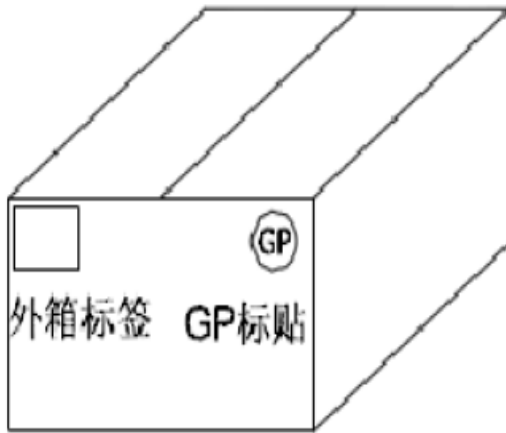
2. 天线25PCS/扎, 100PCS装6\*8"PE袋 (预估数量) 泡棉另附



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貼上相應的標籤



核准： Jammy

審核： Jerry

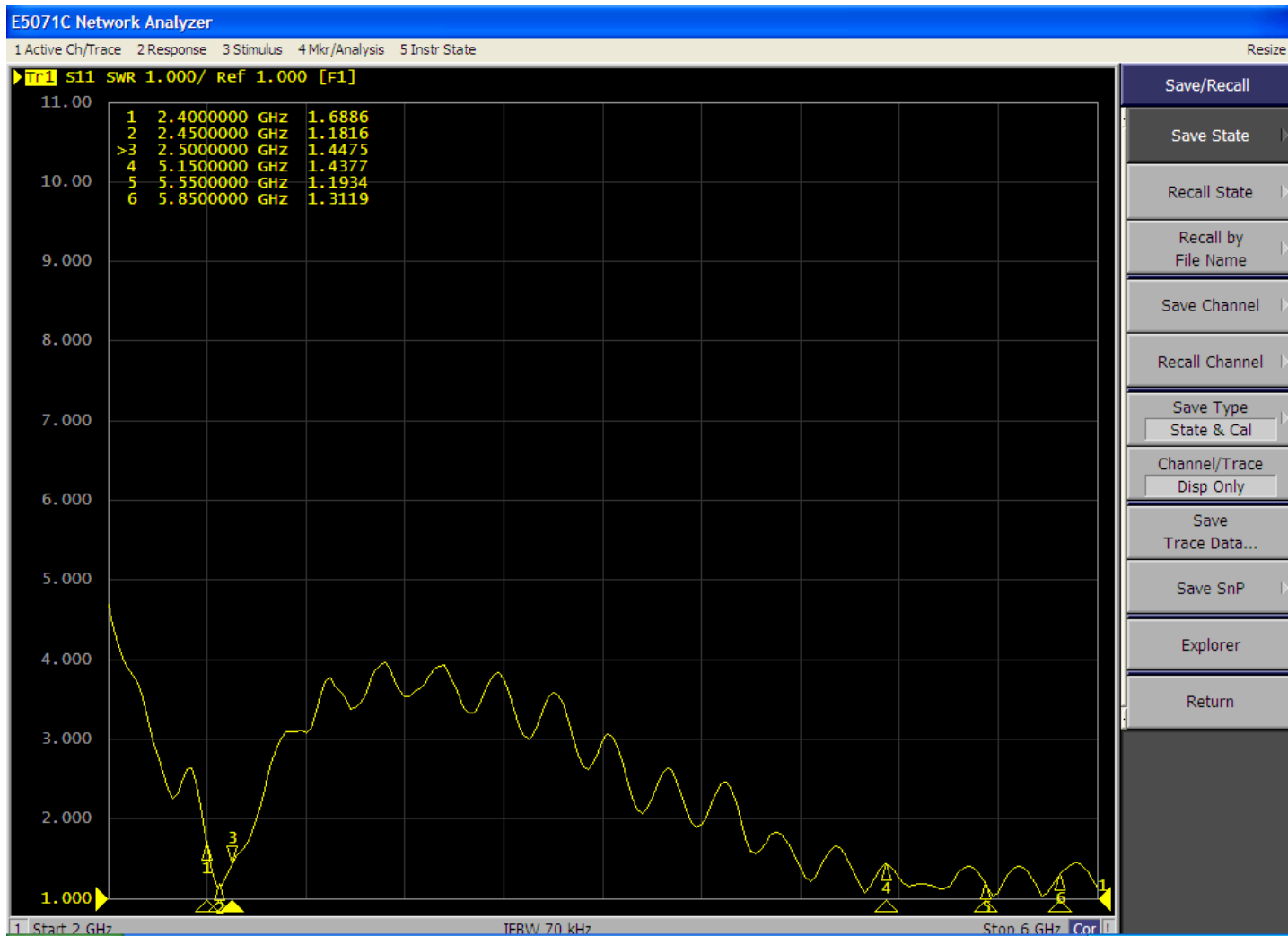
制定： Patrick



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## 网络测试

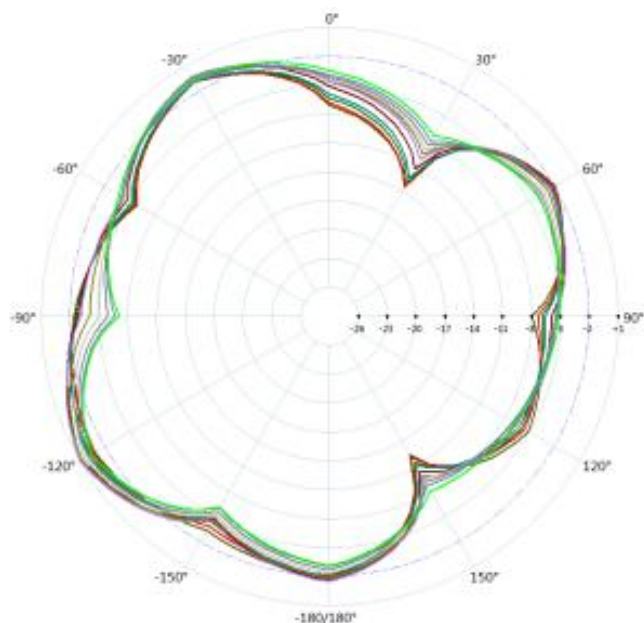
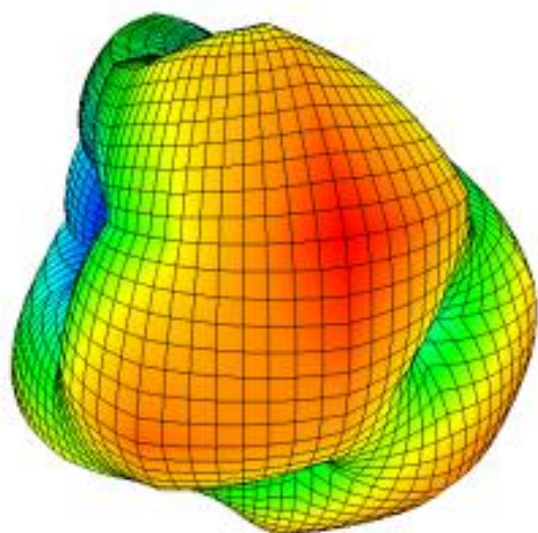




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## GAIN测试



| 参数\频率(mhz)     | 2400  | 2410  | 2420  | 2430  | 2440  | 2450  | 2460  | 2470  | 2480  | 2490  | 2500  |
|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Peak Gain(dBi) | 2.74  | 2.64  | 2.67  | 2.79  | 2.96  | 3.03  | 2.87  | 2.65  | 2.8   | 2.83  | 2.02  |
| Efficiency(%)  | 62.36 | 63.66 | 65.21 | 64.69 | 68.12 | 68.51 | 67.22 | 66.32 | 64.92 | 61.52 | 61.52 |