



# 规格承认书

## SPECIFICATION FOR APPROVAL

编号: 2025051501

File No. \_\_\_\_\_

版本: 1.0

Revision \_\_\_\_\_

客 户 创盈芯

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

客 户 料 号

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

品 名 4G 天线1.13黑色线1代端子L=160MM

PART NAME: \_\_\_\_\_

供 方 料 号 SL269P.300009.P01

SUPPLIER NO: \_\_\_\_\_

送样日期 Date:

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 |
| sunny                   | ZouJie | LuoYi  |

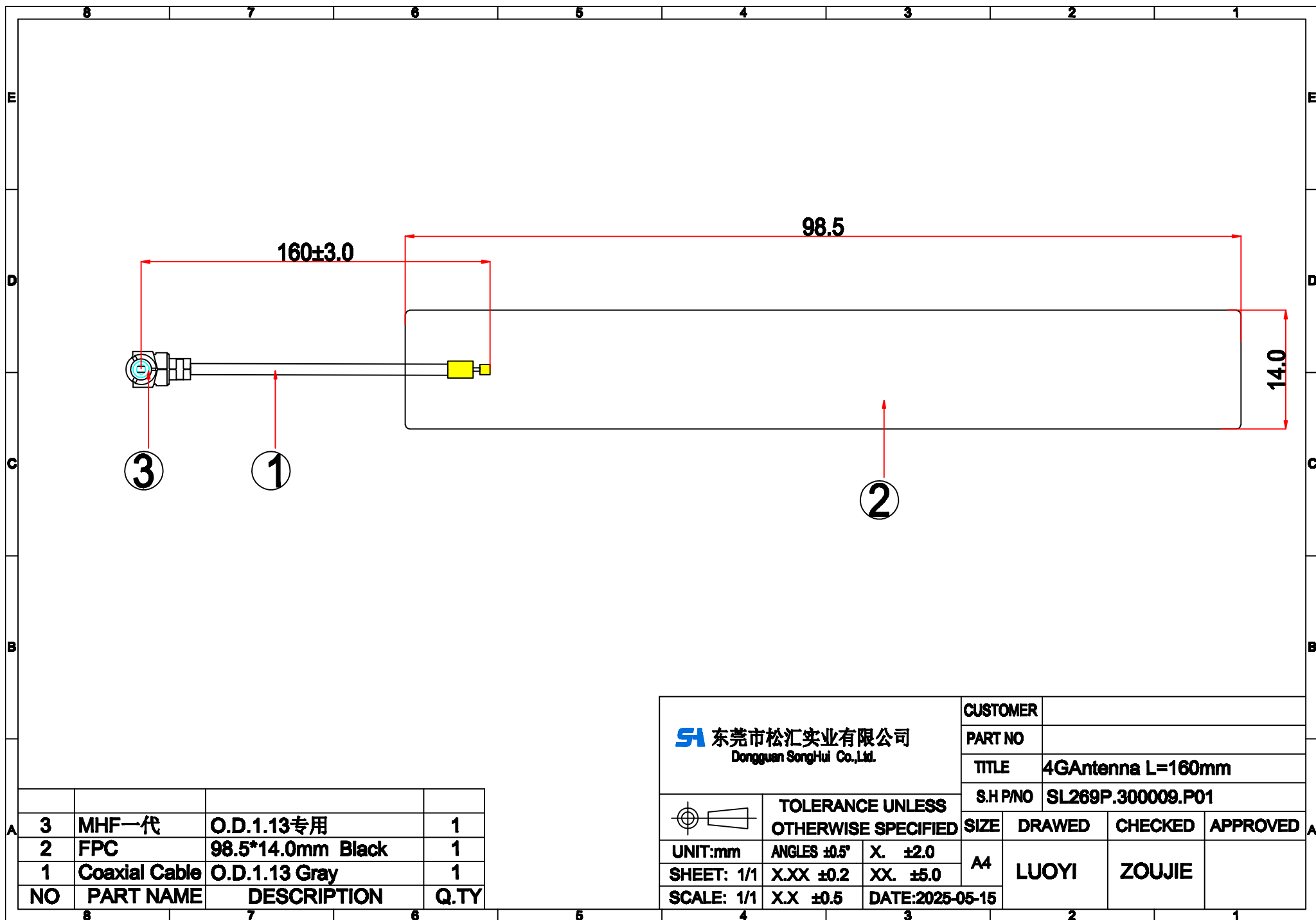
SH-RD-F04-A

add: 东莞市大朗镇巷尾村聚祥二路24号 电话: 0769-82226176 传真: 0769-82226175



# 承认书项目表

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# 电 性 测 试 报 告

## Test Reports

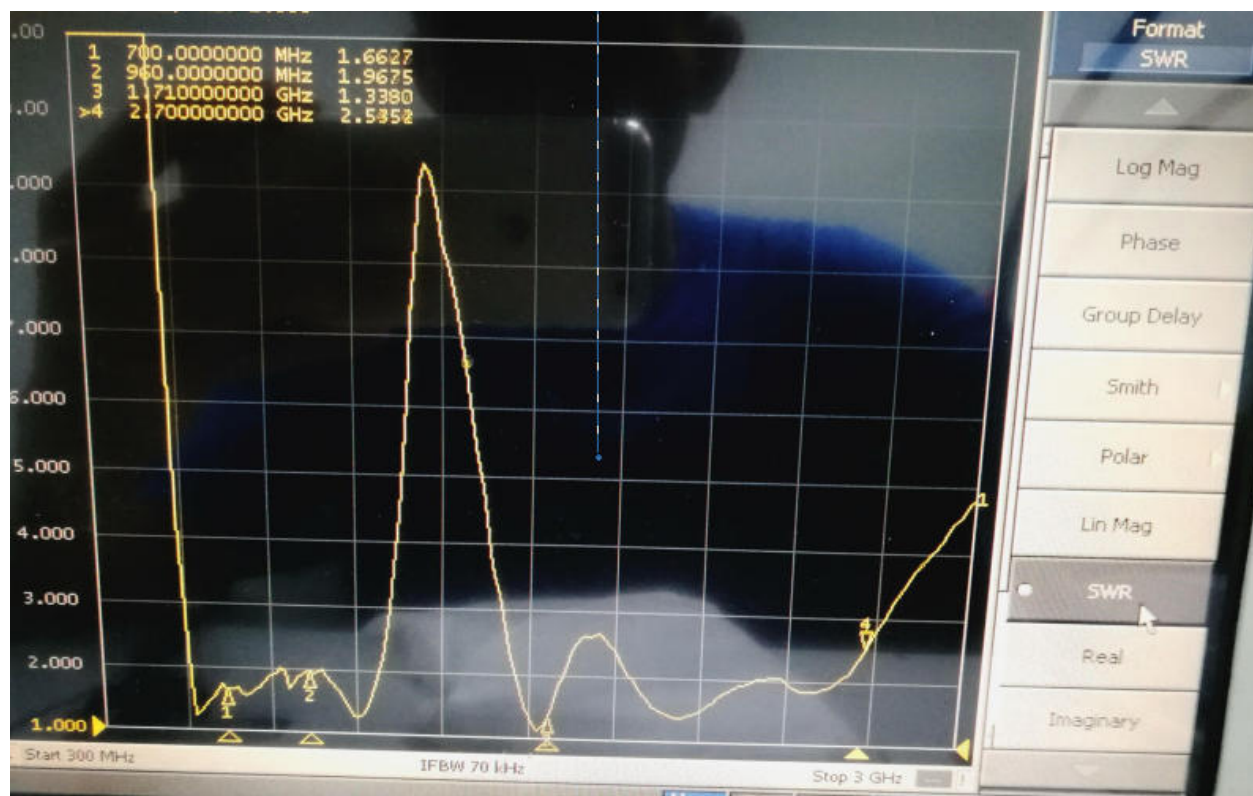
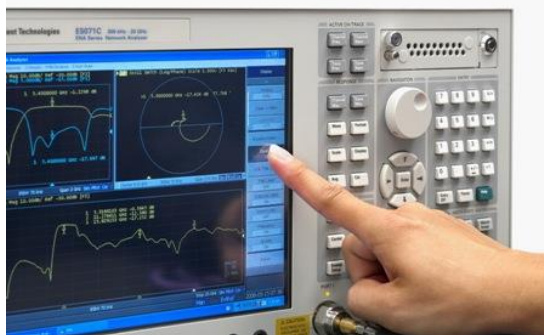
| Electrical Properties |                        |
|-----------------------|------------------------|
| Frequency             | 2400-2500/5150-5850MHz |
| Impedance             | 50 Ohm Nominal         |
| V.S.W.R               | 1.92 : 1 Max           |
| Return Loss           | -10 dB Max             |
| Radiation             | Omni-directional       |
| Gain (Peak)           | >3dBi                  |
| Efficiency            | >48%                   |
| Polarization          | Linear, Vertical       |
| Admitted Power        | 1 W                    |
| Connector             | MHF4                   |
| Physical Properties   |                        |
| Antenna Material      | FPC                    |
| Cable Type            | O.D. 0.81mm // L=160mm |
| Operating Temp.       | -10 ~ +60 °C           |
| Storage Temp.         | -10 ~ +70 °C           |
| Cable Color           | black                  |



# S 参数测试

## S Parameter Test

*Agilent E5071C*



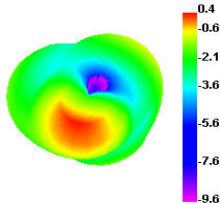


# 增益效率

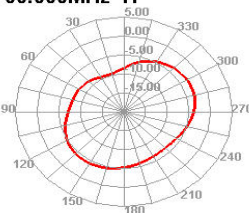
| Freq<br>(MHz) | Effi<br>(%) | Gain<br>(dBi) |
|---------------|-------------|---------------|
| 1700          | 55.47       | 2.54          |
| 1720          | 49.75       | 2.65          |
| 1740          | 39.91       | 2.14          |
| 1760          | 39.59       | 1.78          |
| 1780          | 42.72       | 1.98          |
| 1800          | 43.98       | 2.18          |
| 1820          | 47.36       | 2.76          |
| 1840          | 51.09       | 3.53          |
| 1860          | 53.92       | 4.24          |
| 1880          | 51.99       | 4.45          |
| 1900          | 56.55       | 4.77          |
| 1920          | 56.58       | 4.68          |
| 1940          | 54.5        | 4.33          |
| 1960          | 53.82       | 3.89          |
| 1980          | 51.05       | 3.32          |
| 2000          | 51.55       | 3.07          |
| 2020          | 49.21       | 2.42          |
| 2040          | 50.47       | 2.11          |
| 2060          | 50.79       | 2.35          |
| 2080          | 51.45       | 2.18          |
| 2100          | 54.64       | 2.44          |
| 2120          | 48.71       | 1.86          |
| 2140          | 43.12       | 1.71          |
| 2160          | 47.54       | 2.3           |
| 2180          | 52.14       | 2.62          |
| 2200          | 45.64       | 2.31          |
| 2220          | 47.22       | 2.68          |
| 2240          | 49.82       | 2.7           |
| 2260          | 42.78       | 1.71          |
| 2280          | 36.23       | 0.59          |
| 2300          | 39.09       | 1.13          |
| 2320          | 42.16       | 1.48          |
| 2340          | 43.23       | 1.66          |
| 2360          | 44          | 1.48          |
| 2380          | 42.73       | 1.05          |
| 2400          | 47.53       | 1.2           |
| 2420          | 45.22       | 0.79          |
| 2440          | 45.02       | 0.8           |
| 2460          | 50.15       | 1.28          |
| 2480          | 51.49       | 1.6           |
| 2500          | 52.15       | 1.54          |
| 2520          | 50.03       | 1.46          |
| 2540          | 47.27       | 1.05          |
| 2560          | 47          | 1.12          |
| 2580          | 40.83       | 0.74          |
| 2600          | 44.4        | 1.28          |
| 2620          | 41.64       | 1.09          |
| 2640          | 41.78       | 1.09          |
| 2660          | 38.98       | 0.93          |
| 2680          | 39.26       | 1.24          |
| 2700          | 37.67       | 1.29          |

| Freq<br>(MHz) | Effi<br>(%) | Gain<br>(dBi) |
|---------------|-------------|---------------|
| 700           | 41.15       | 0.43          |
| 720           | 49.67       | 0.65          |
| 740           | 59.44       | 1.51          |
| 760           | 45.55       | 0.89          |
| 780           | 47.37       | 1.53          |
| 800           | 53.33       | 2.62          |
| 820           | 61.48       | 3.05          |
| 840           | 55.07       | 2.03          |
| 860           | 49.37       | 1.21          |
| 880           | 50.72       | 0.85          |
| 900           | 47.15       | 1.49          |

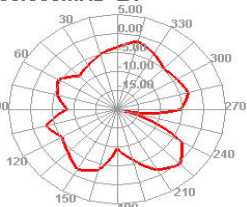
700.000MHz



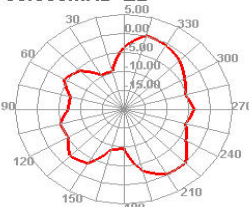
700.000MHz H



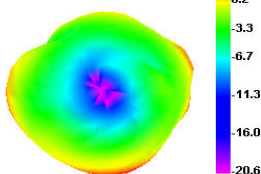
700.000MHz E1



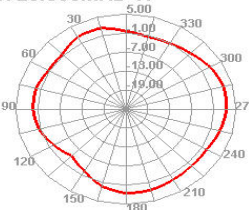
700.000MHz E2



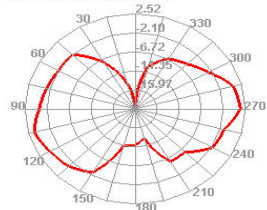
1720.000MHz



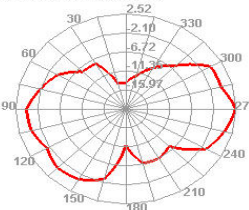
1720.000MHz H



1720.000MHz E1



1720.000MHz E2



add: 东莞市大朗镇巷尾村聚祥二路24号电话: 0769-82226176 传真: 0769-82226175