

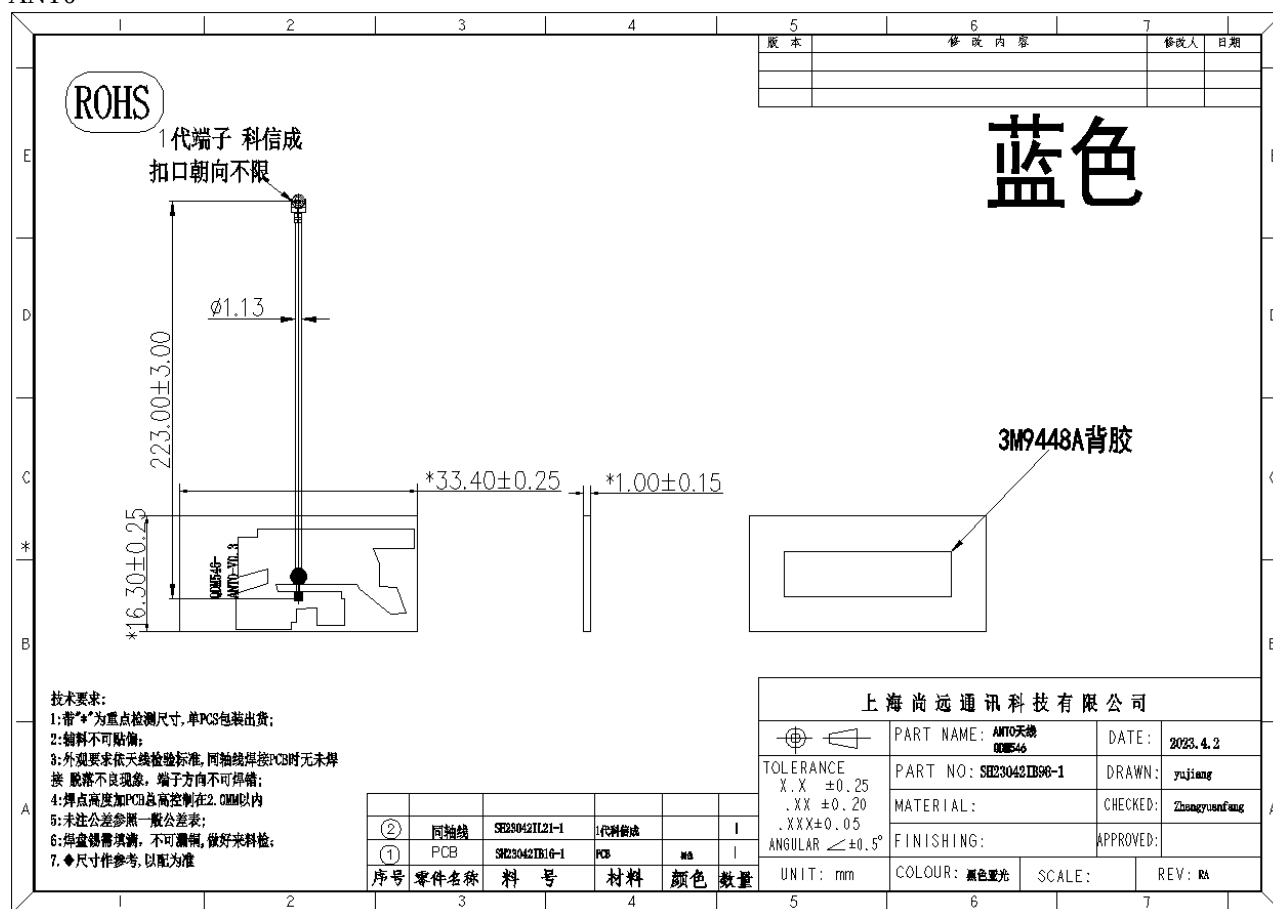
## Feature

- ※ High gain
- ※ Omani-directional
- ※ Wide bandwidth

## Application

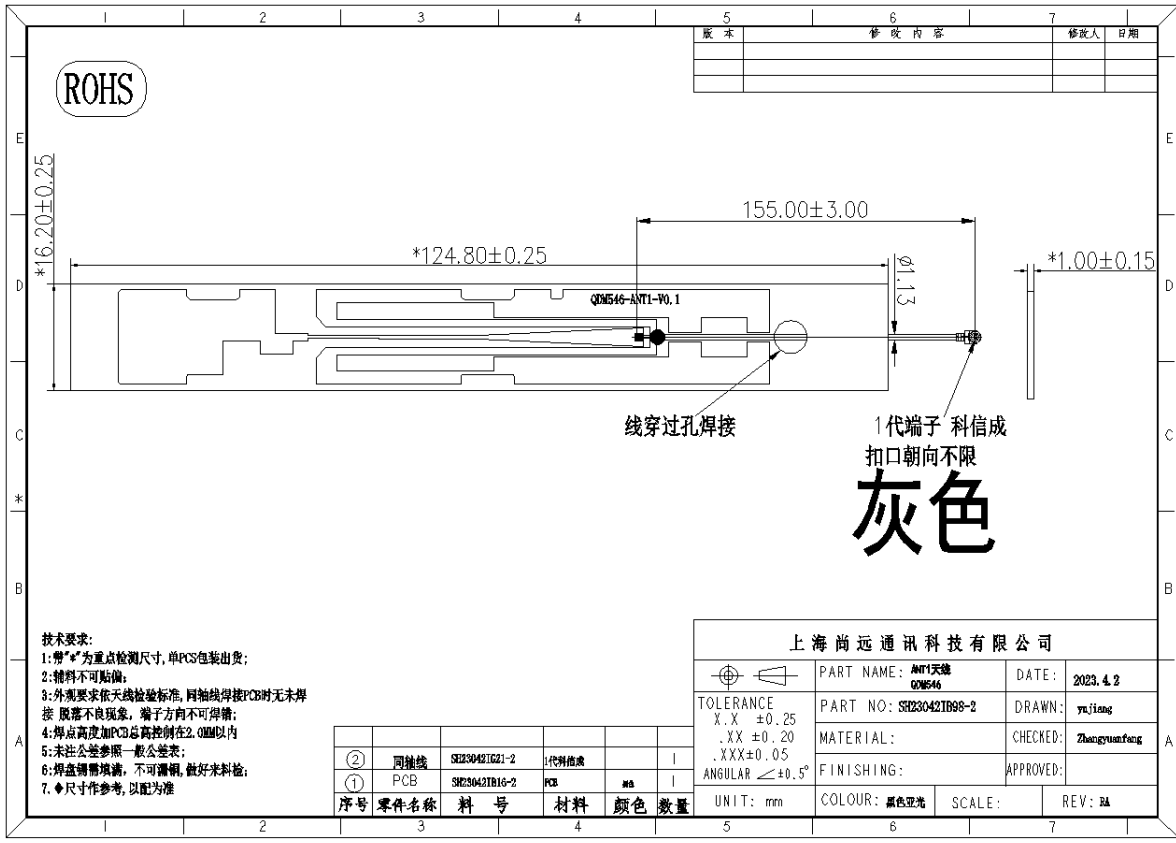
- ※ WCDMA/LTE communication applications

ANT0

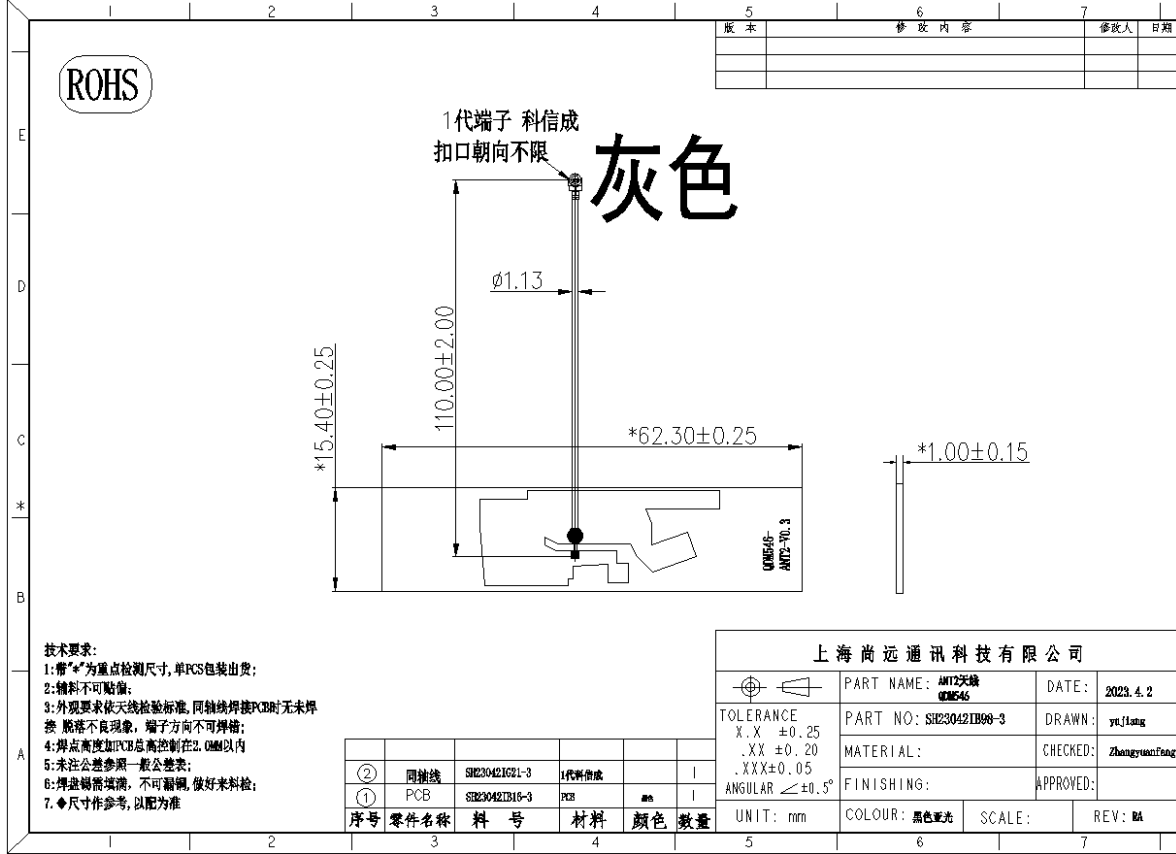


深圳市祥博一科技有限公司  
SHEN ZHEN XIANG BO YI TECHNOLOGY CO.,LTD

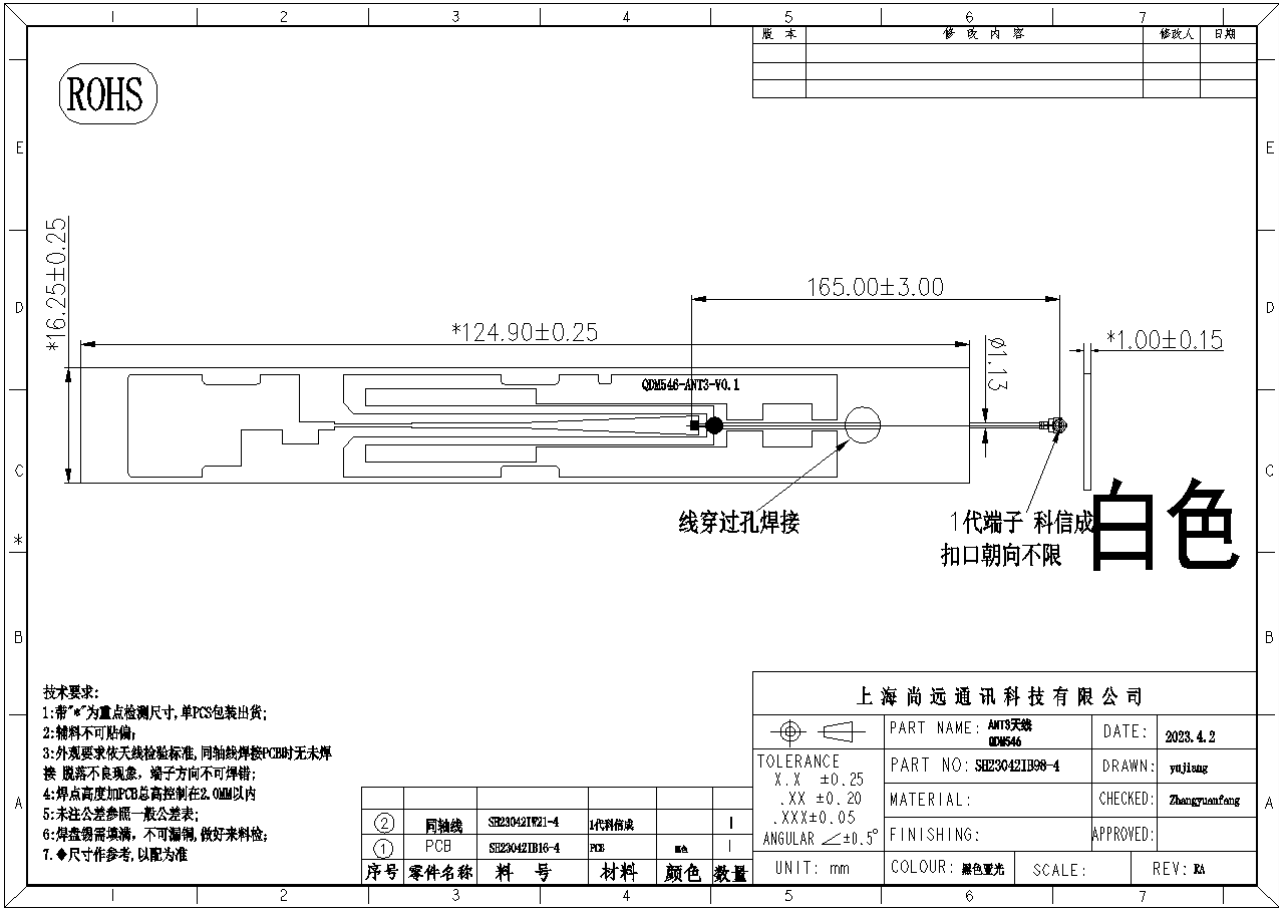
ANT1



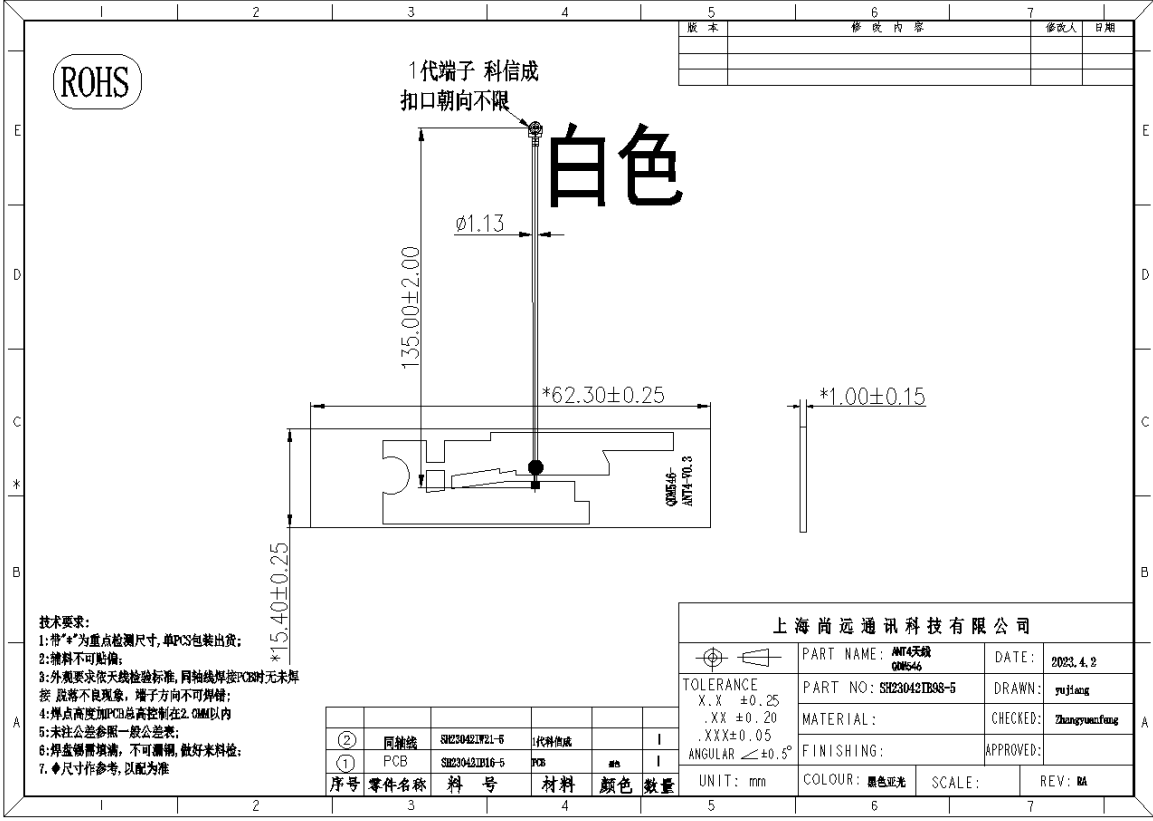
ANT2



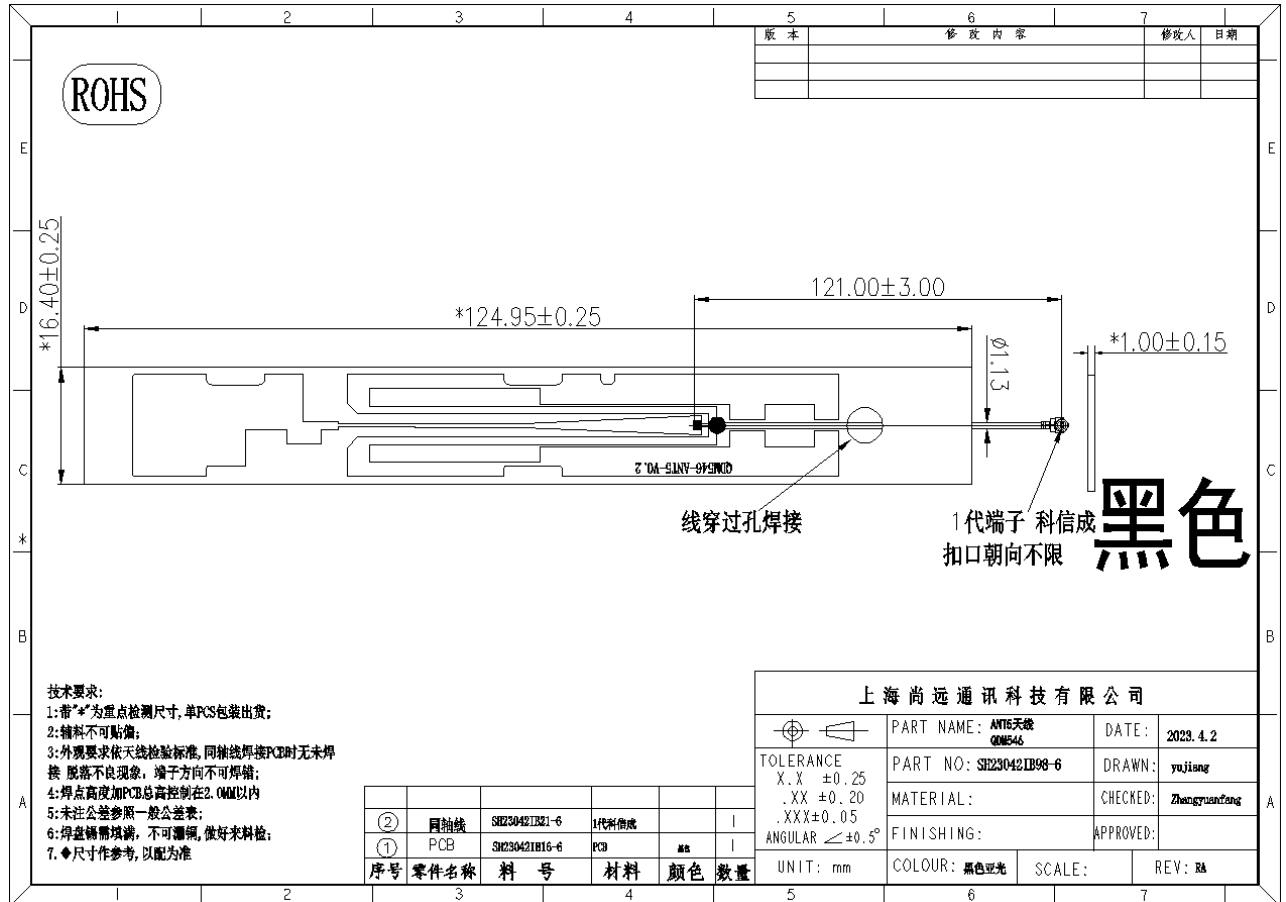
ANT3



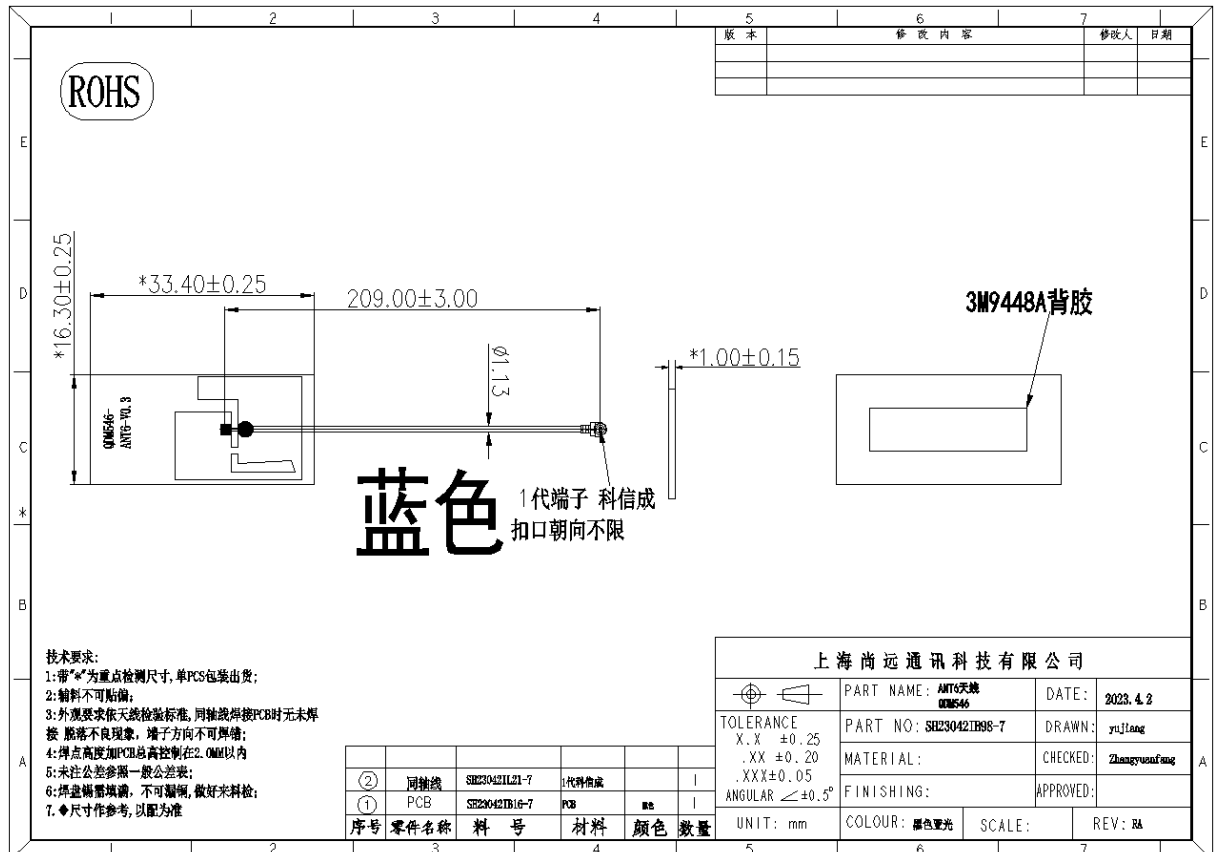
ANT4



ANT5

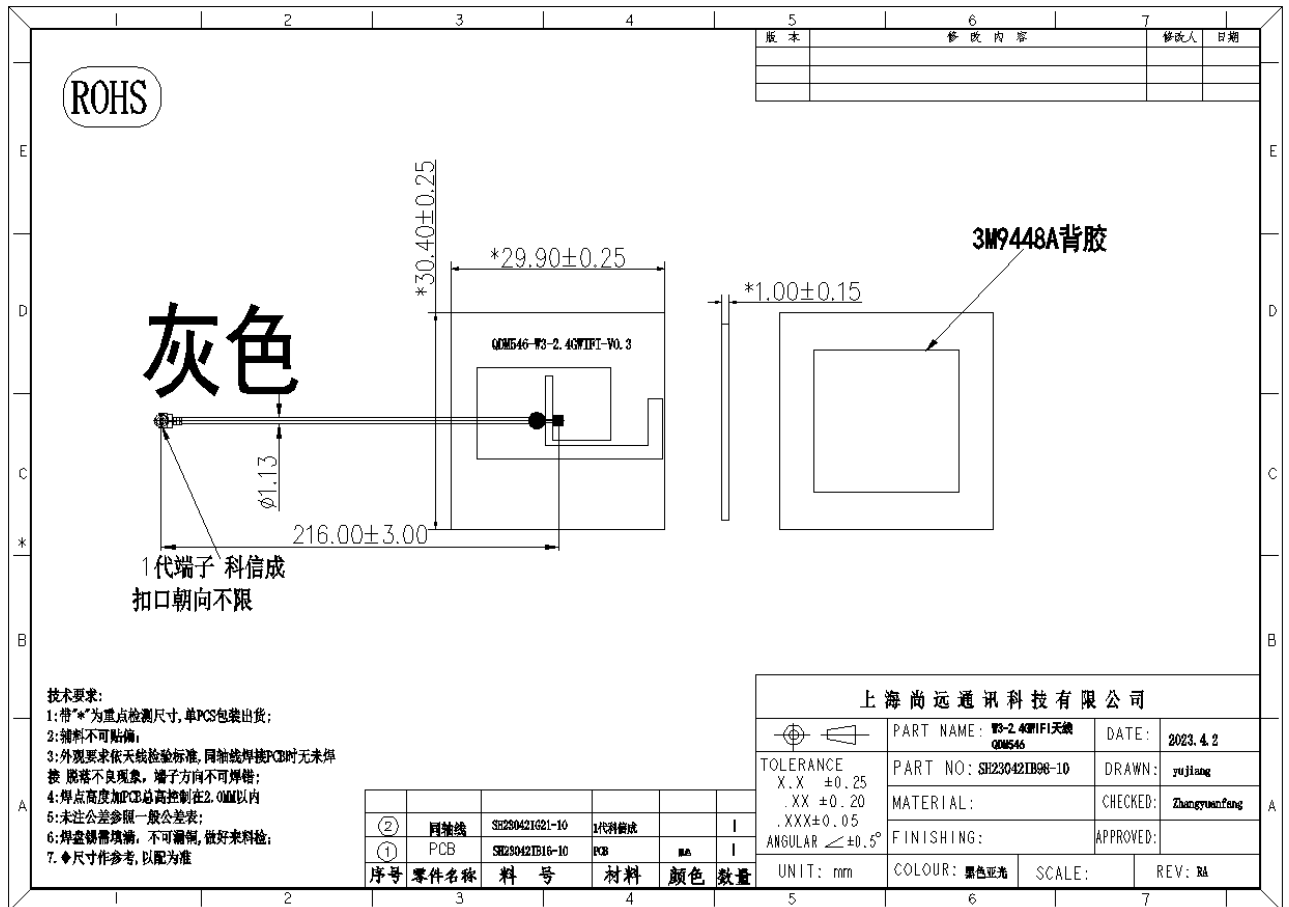


ANT6

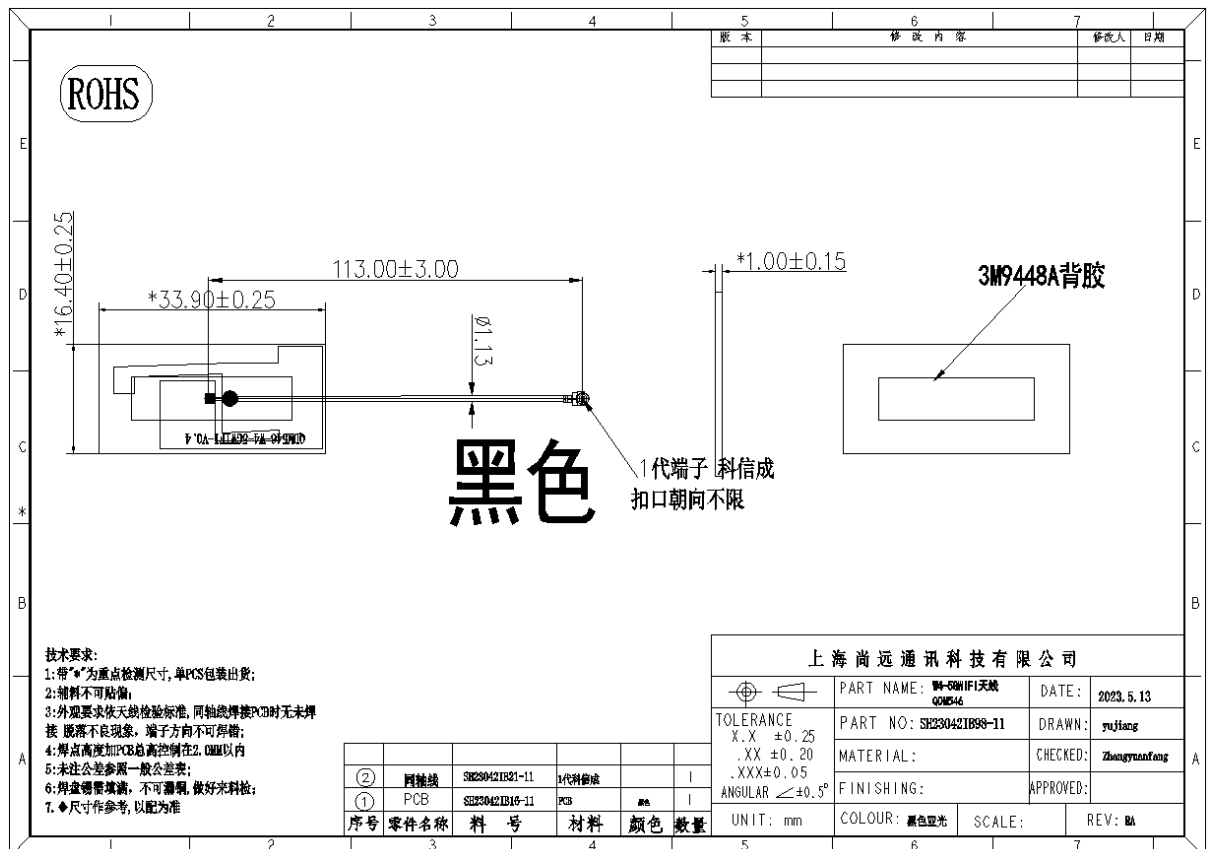




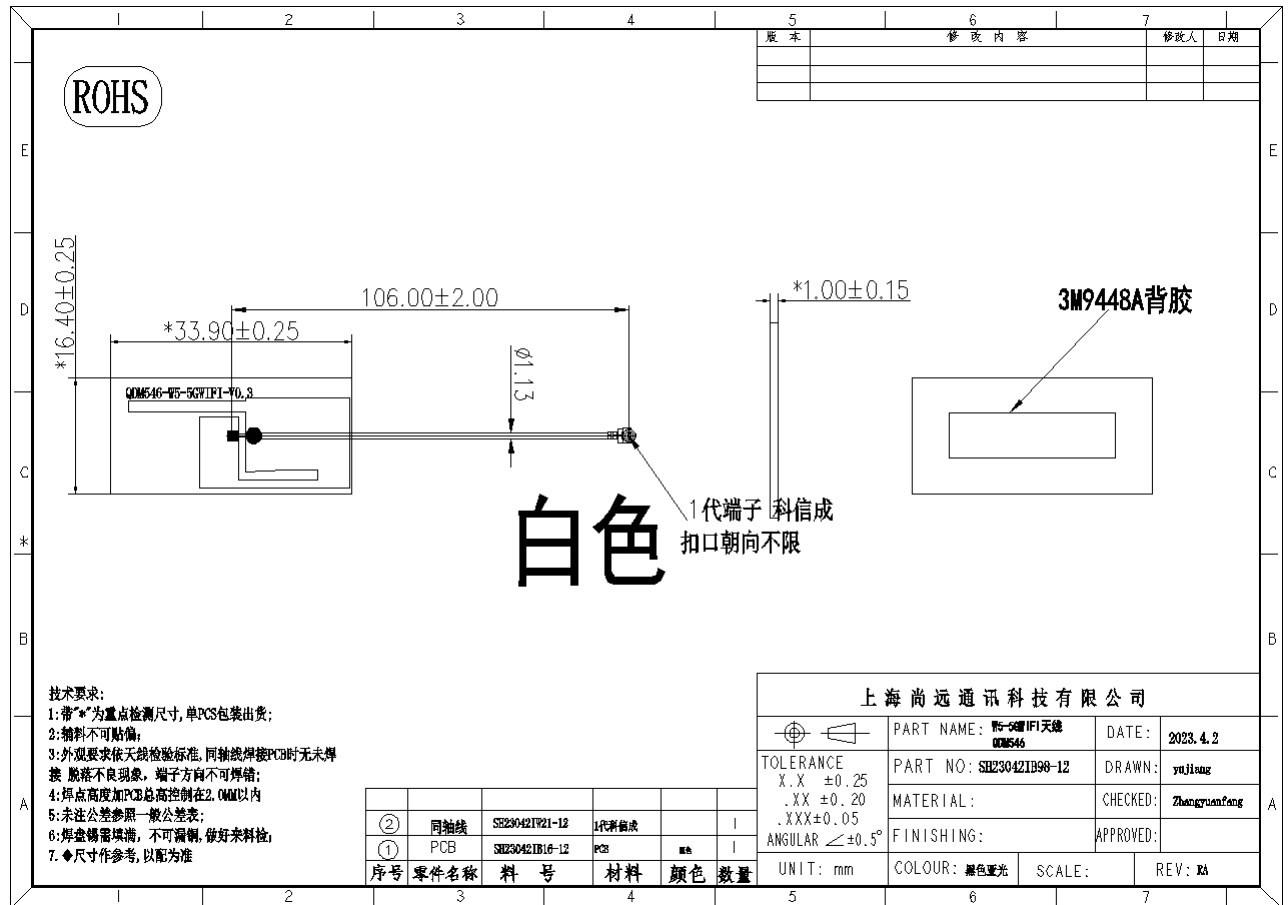
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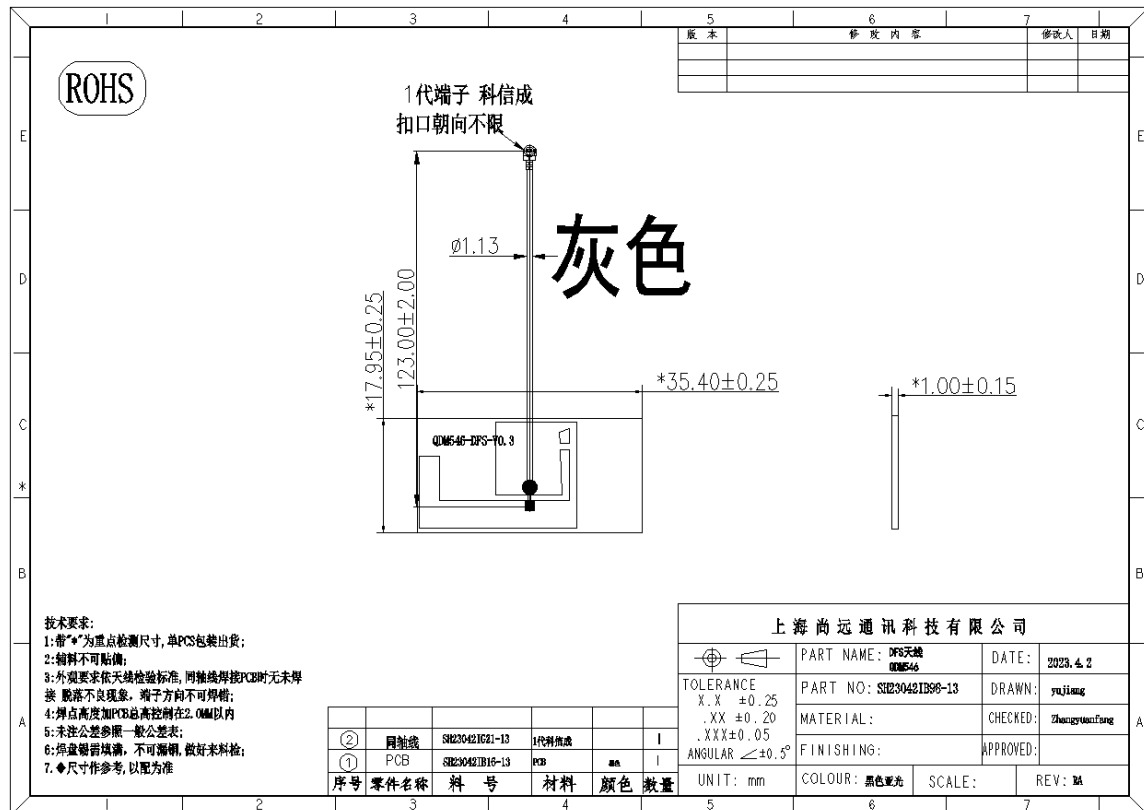
W4



W5



DFS



Dimensions

|                 |           |             |            |  |
|-----------------|-----------|-------------|------------|--|
| CUSTOMER' S P/N | 传音        |             | DRAWING NO |  |
| PREPARED BY     | CHECKEDBY | APPROVAL BY | S.R.NO     |  |
|                 |           |             | DATE:      |  |

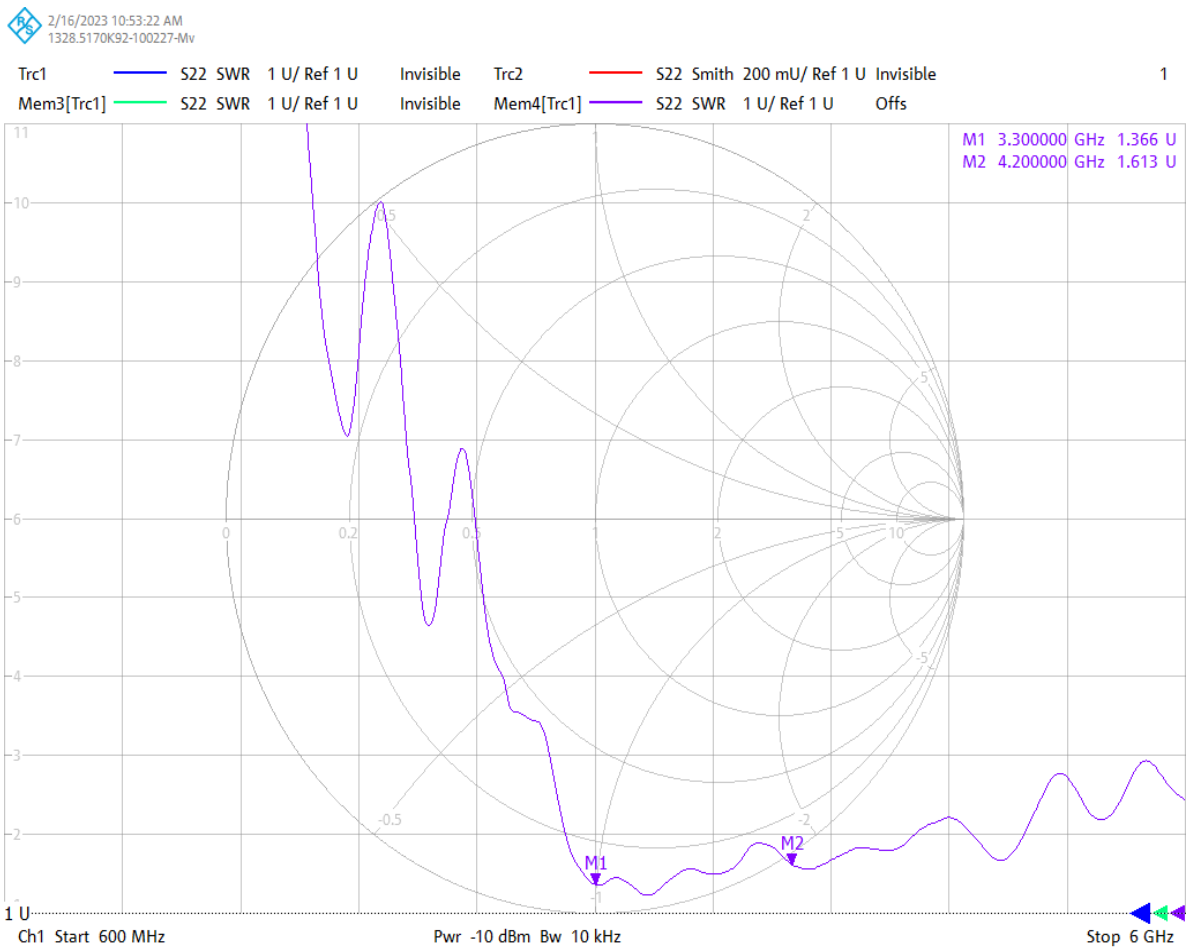
### Electric Specifications

|                              |                                                                                                                                    |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| TYPE                         | TR521                                                                                                                              |
| Transmitter Frequency        | NR :3300-4200MHz                                                                                                                   |
|                              | LTE: 690 - 2690 MHz                                                                                                                |
|                              | WIFI: 2400-2500Mhz, 5150-5850Mhz                                                                                                   |
| Receiver Frequency           | NR : 3300-4200 MHz                                                                                                                 |
|                              | LTE: 1450 - 2690 MHz                                                                                                               |
|                              | WIFI: 2400-2500Mhz, 5150-5850Mhz                                                                                                   |
| RF-Output Power<br>(E.I.R.P) | NR: 23+/-3dBm                                                                                                                      |
|                              | LTE:23+/-3dBm                                                                                                                      |
| Antenna Gain                 | WCDMA : 1.5dBi                                                                                                                     |
|                              | LTE_B4: 4.21dBi<br>LTE_B5: 3.57dBi<br>LTE_B7:4.85 dBi<br>LTE_B28: 1.55dBi<br>LTE_B66: 4.53dBi<br>NR_B77:4.67dBi<br>NR_B78: 4.67dBi |
|                              | 2.4GWIFI: 5.87dB<br>5G WIFI: 5.96dB                                                                                                |
| Type of Modulation           | QPSK-16QAM-64QAM                                                                                                                   |

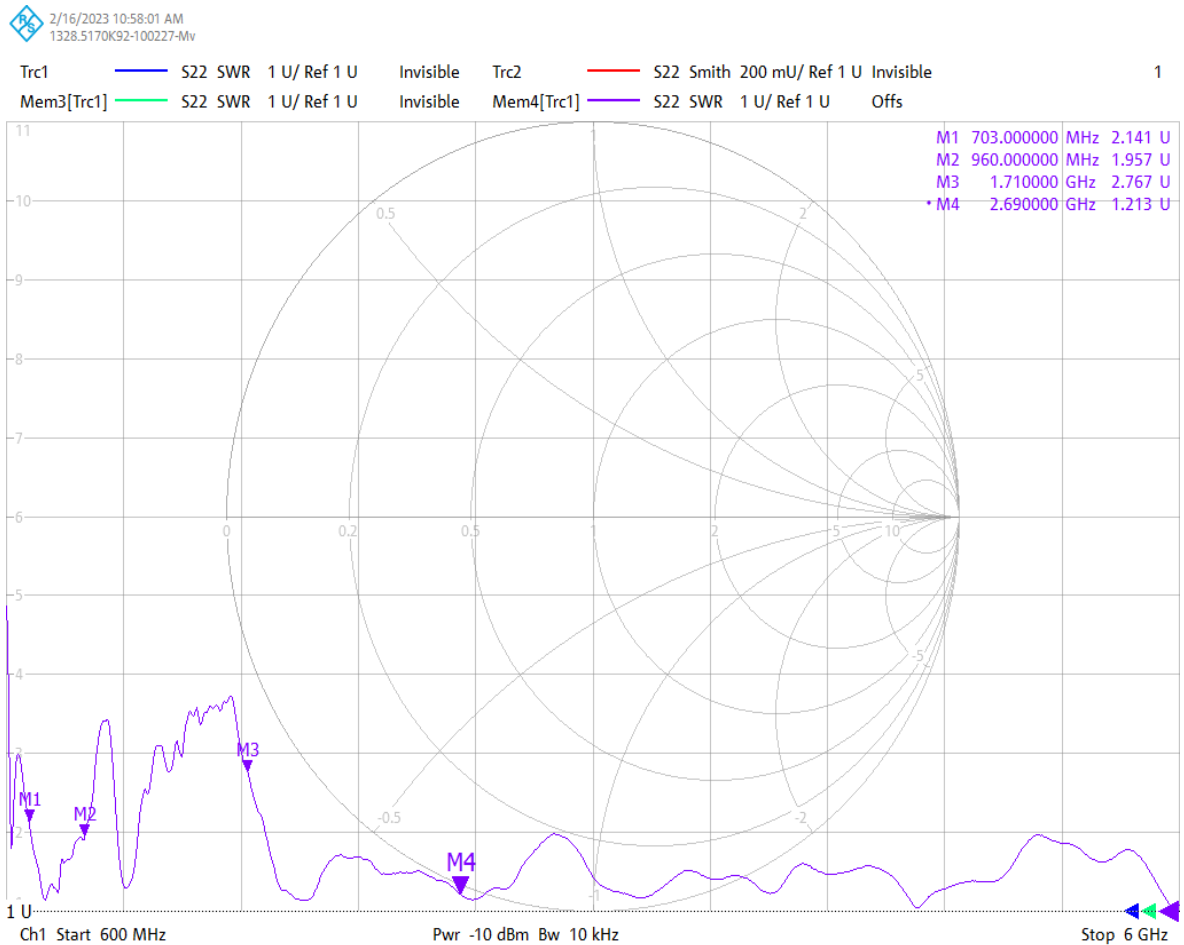
※ **Antenna**

※ **VSWR**

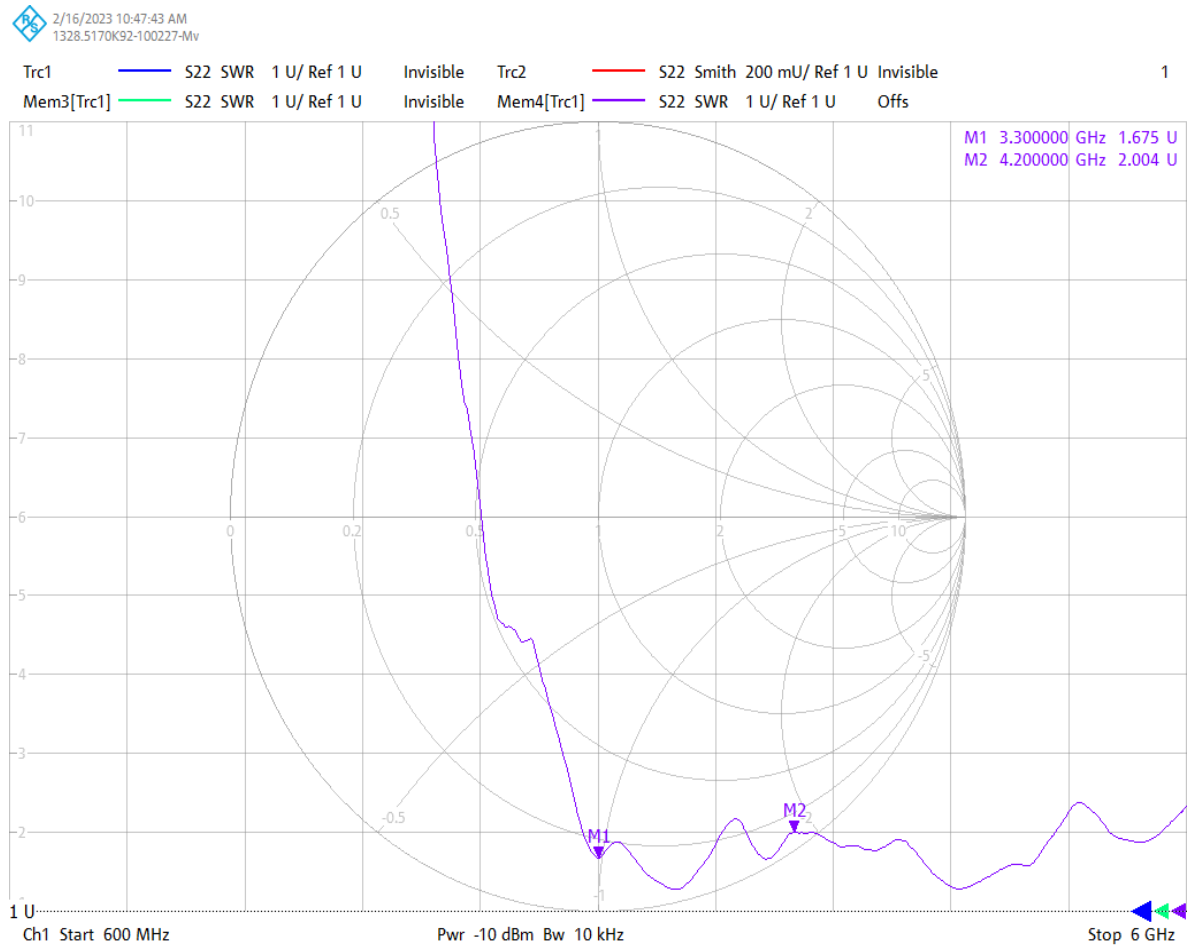
ANT0



ANT1



ANT2

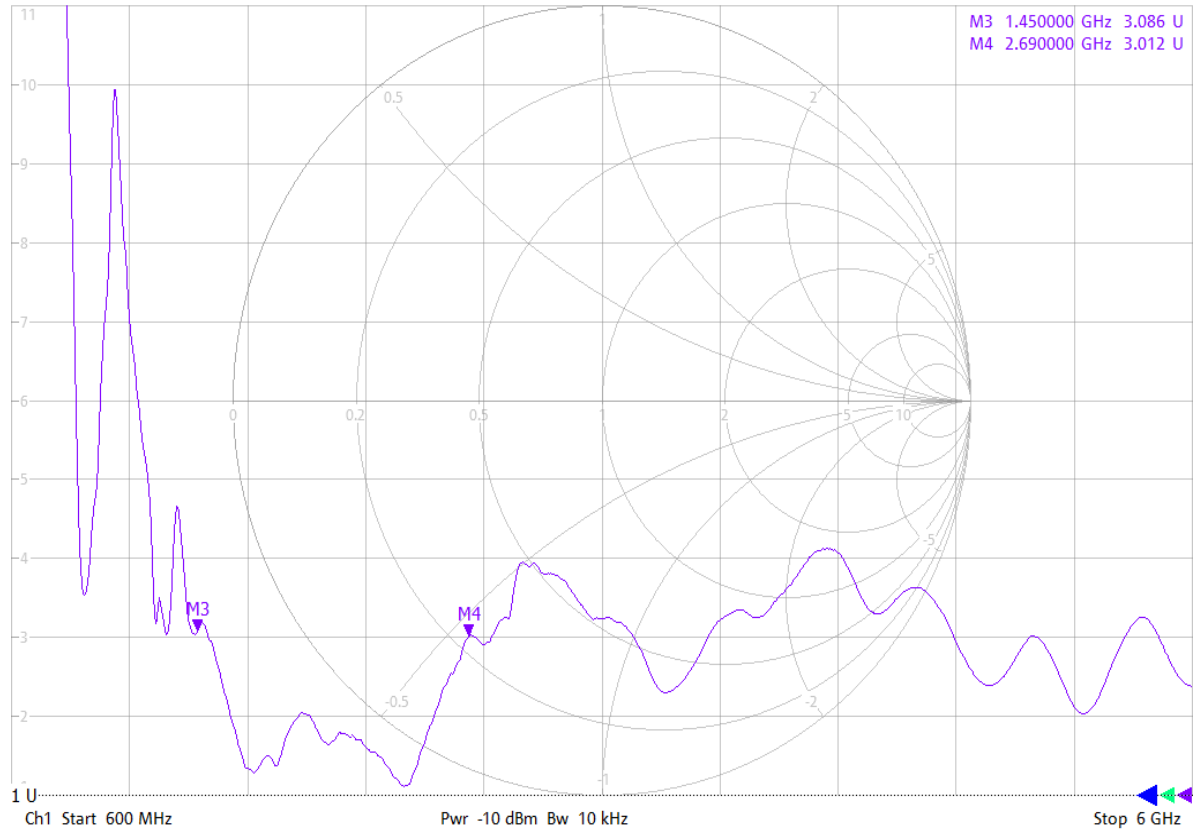


ANT3

2/16/2023 10:55:57 AM  
1328.5170K92-100227-Mv

Trc1 S22 SWR 1 U/ Ref 1 U Invisible Trc2 S22 Smith 200 mU/ Ref 1 U Invisible  
Mem3[Trc1] S22 SWR 1 U/ Ref 1 U Invisible Mem4[Trc1] S22 SWR 1 U/ Ref 1 U Offs

1

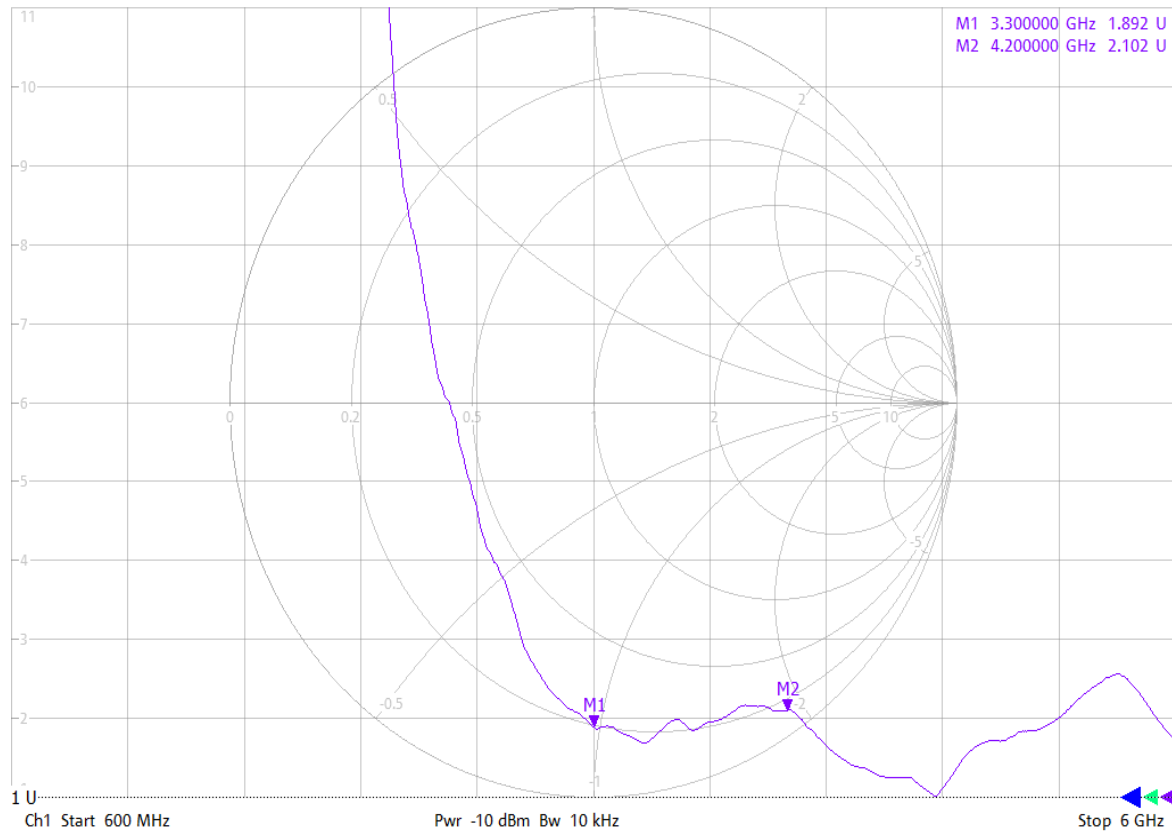


ANT4

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Mem3[Trc1] S22 SWR 1 U/ Ref 1 U Invisible Mem4[Trc1] S22 SWR 1 U/ Ref 1 U Offs

1

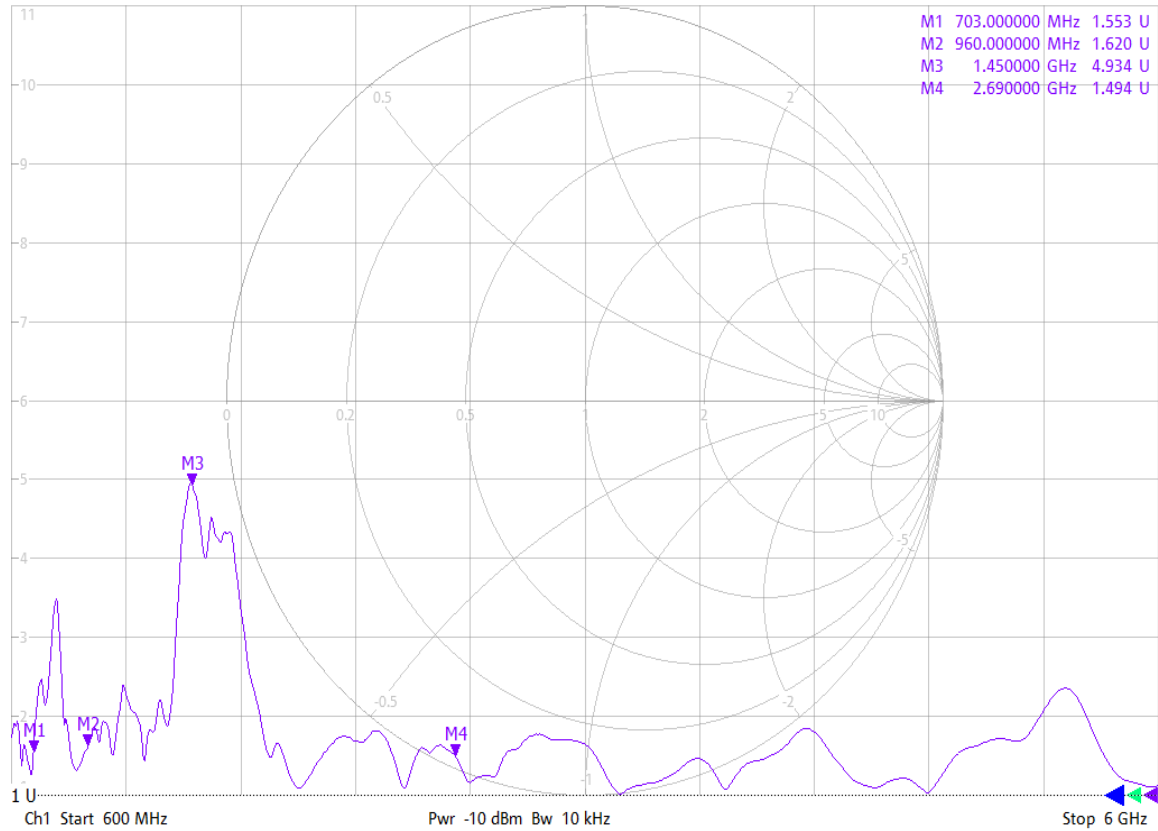


ANT5

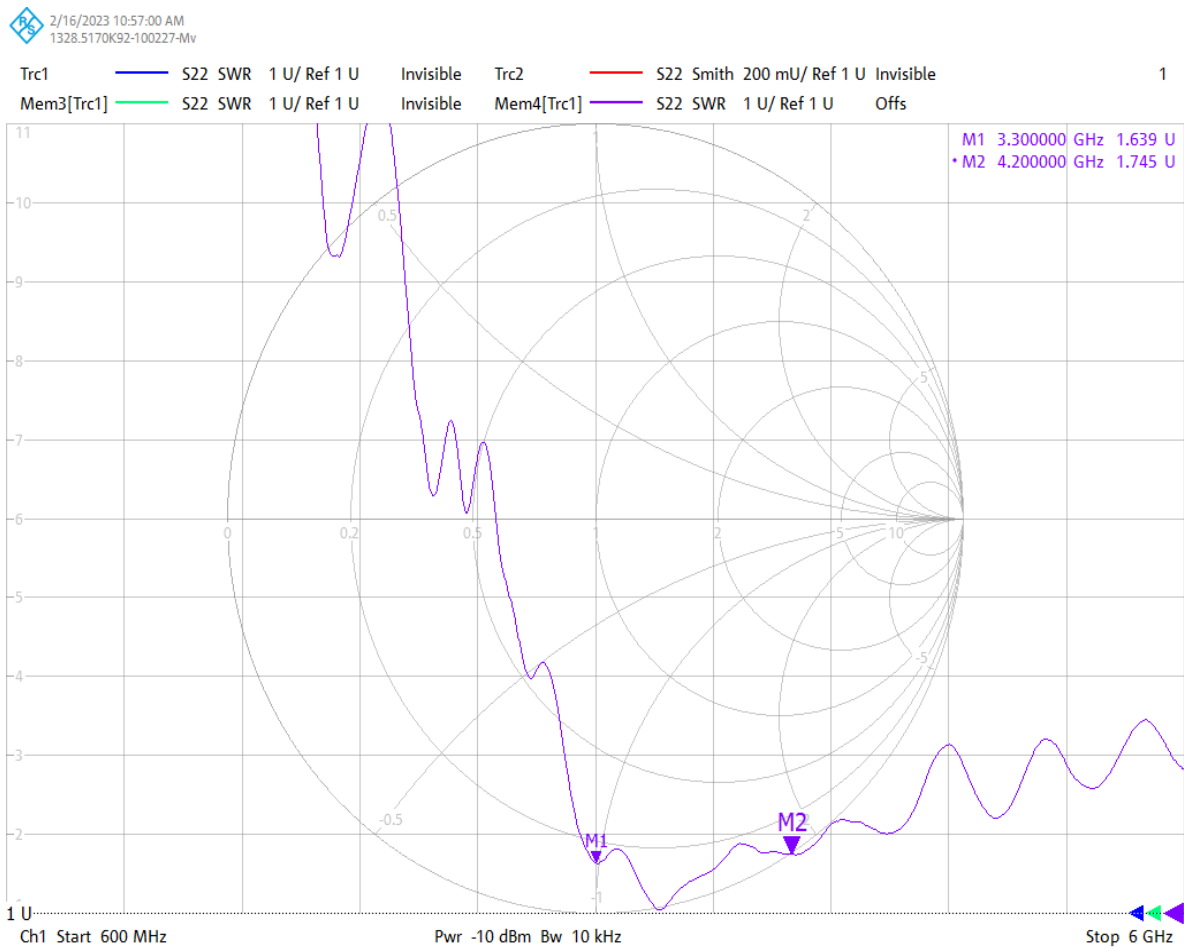
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Mem3[Trc1] S22 SWR 1 U/ Ref 1 U Invisible Mem4[Trc1] S22 SWR 1 U/ Ref 1 U Offs

1

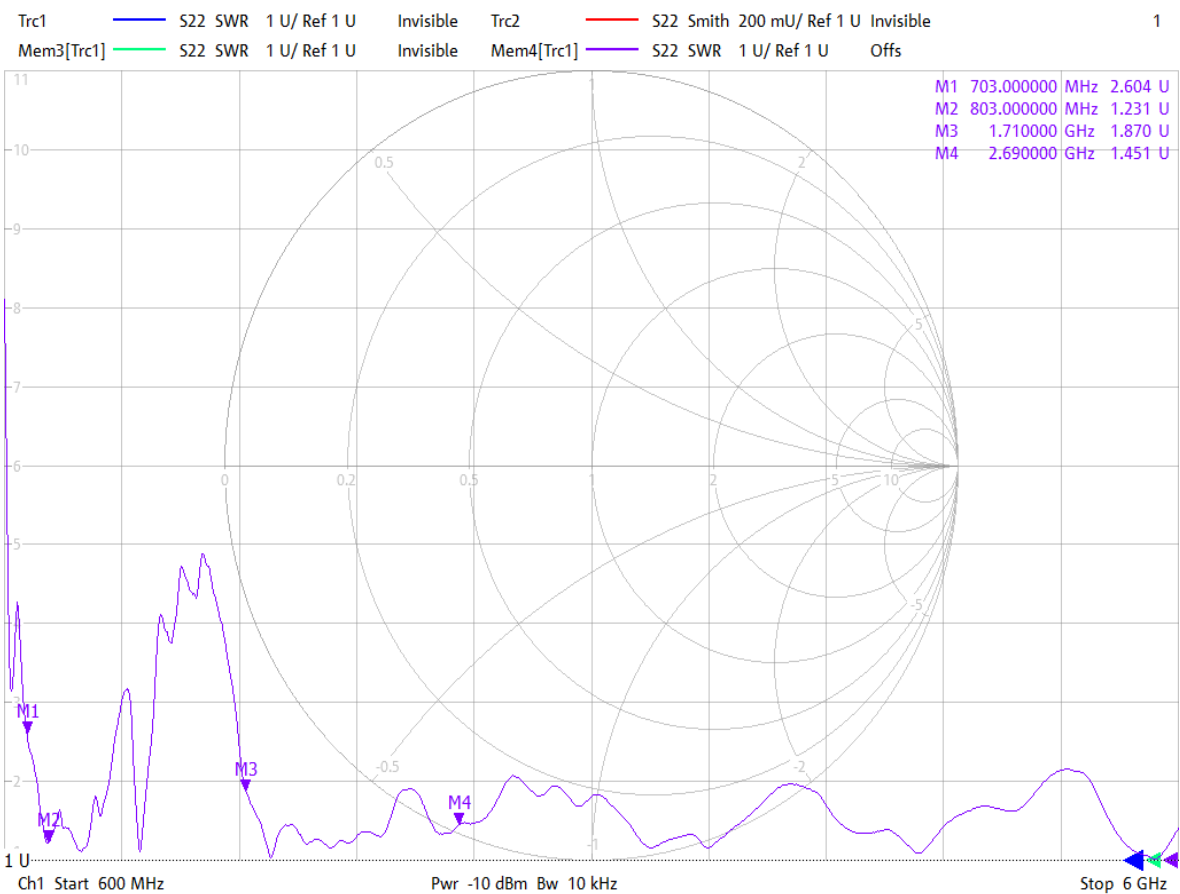


ANT6

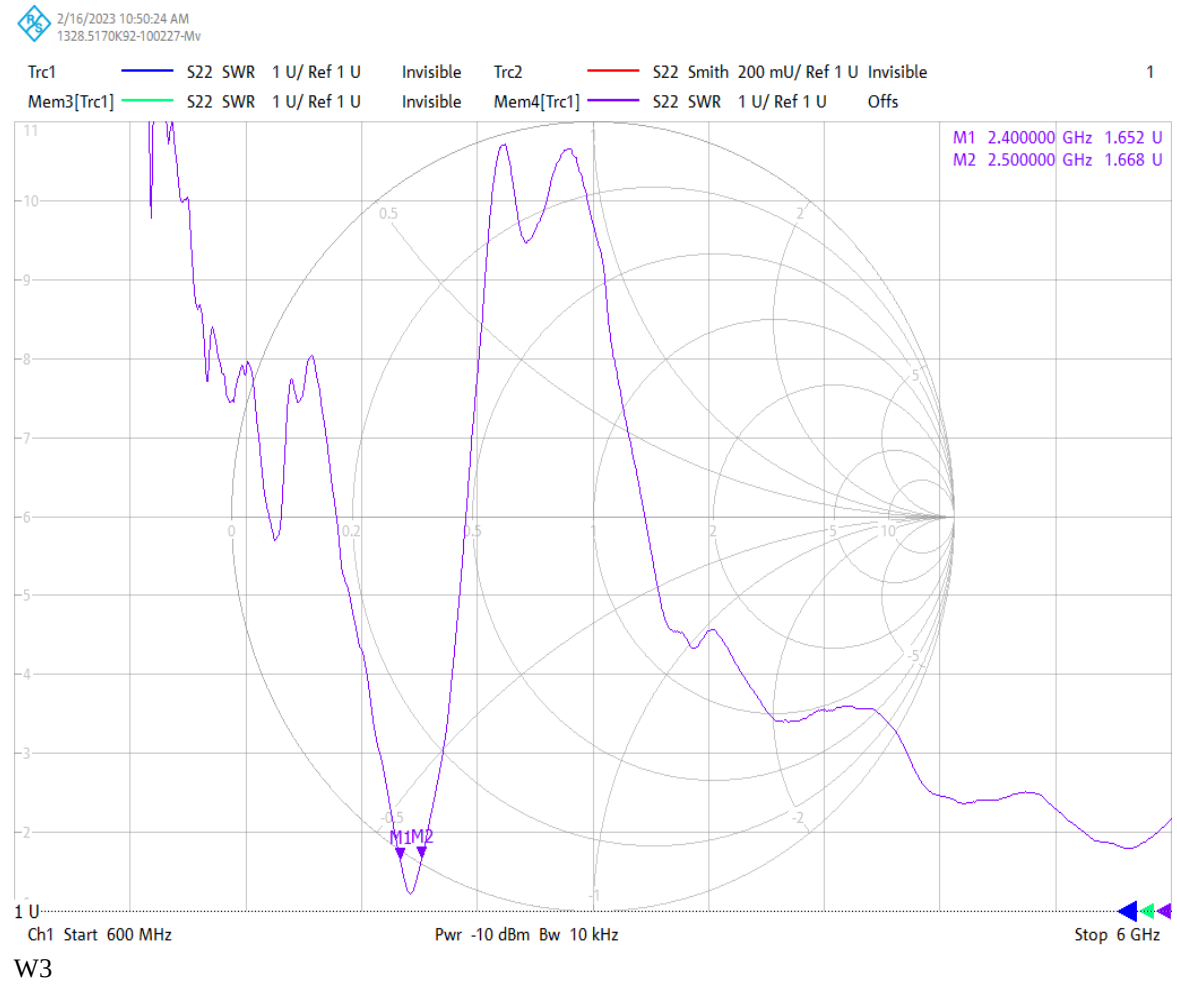


ANT7

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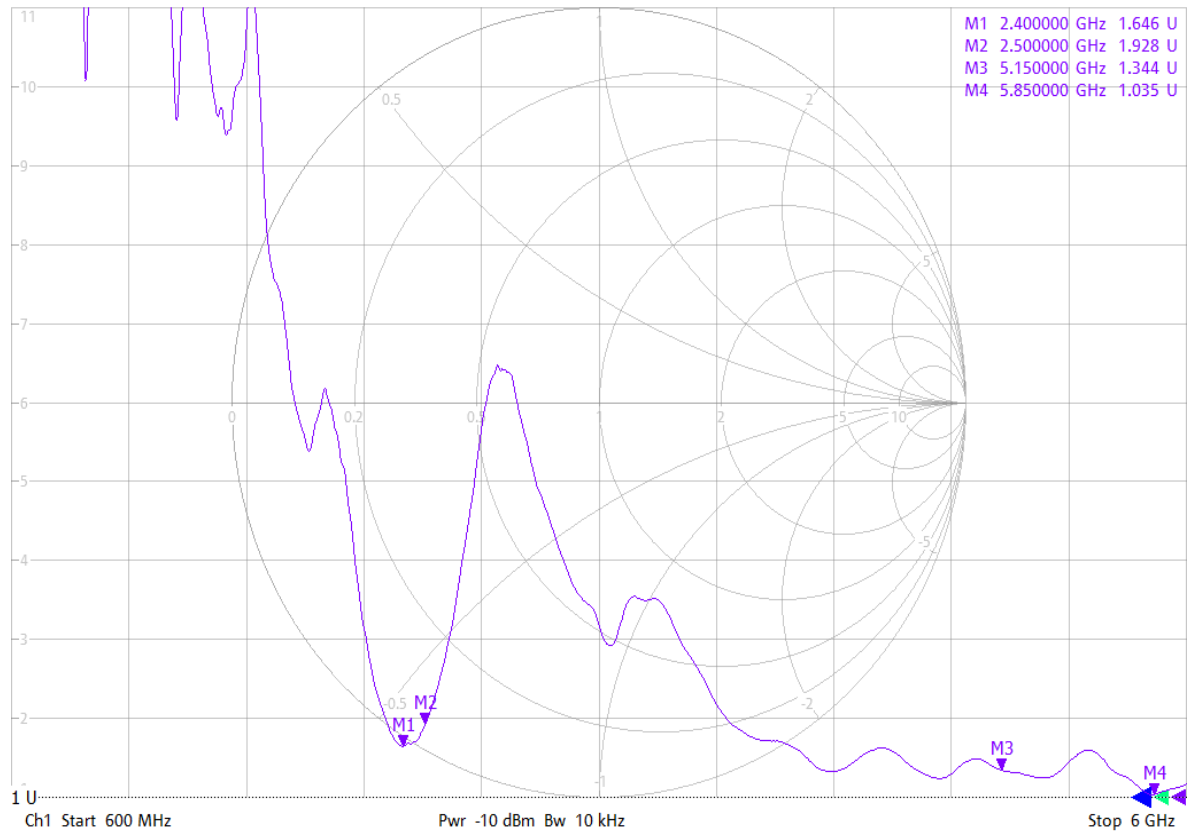
W1



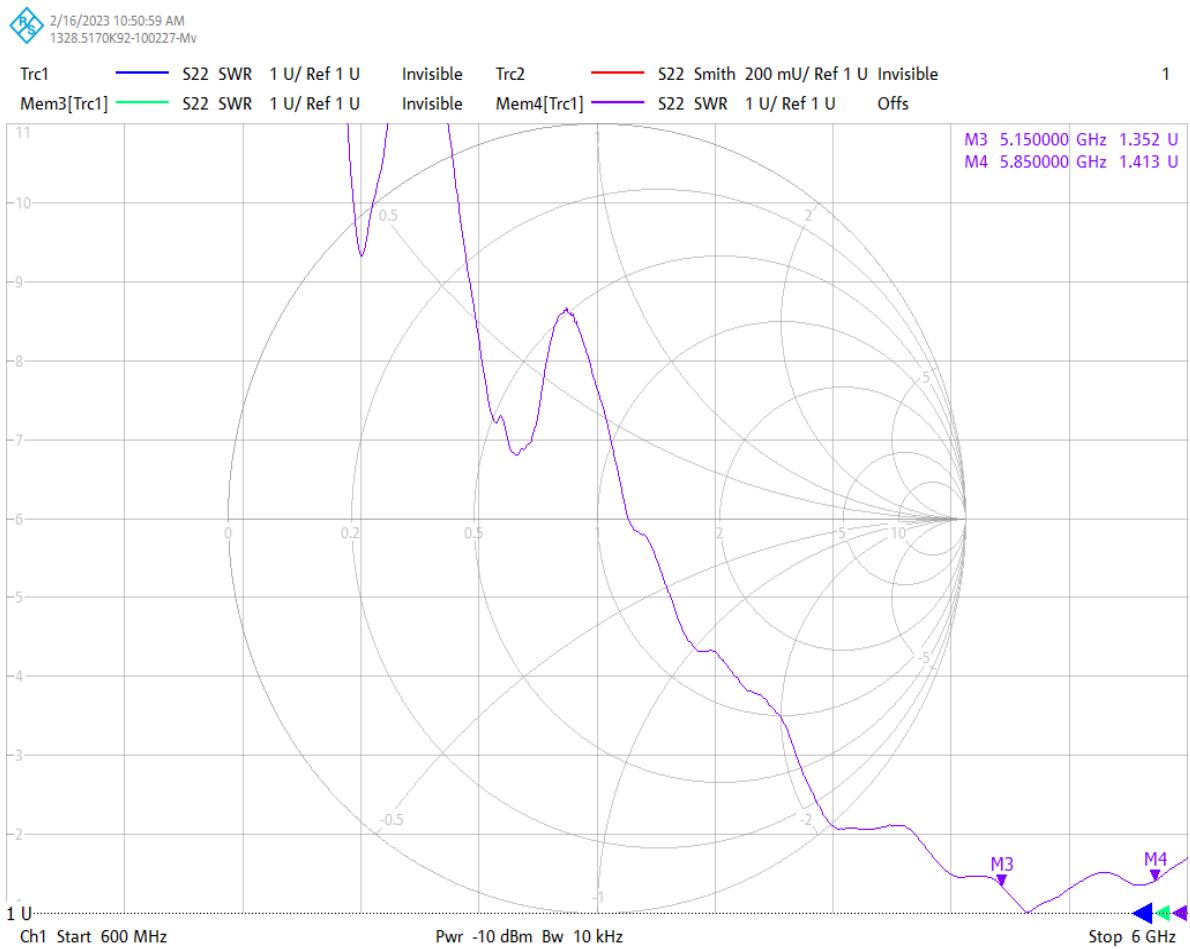
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Mem3[Trc1] S22 SWR 1 U/ Ref 1 U Invisible Mem4[Trc1] S22 SWR 1 U/ Ref 1 U Offs

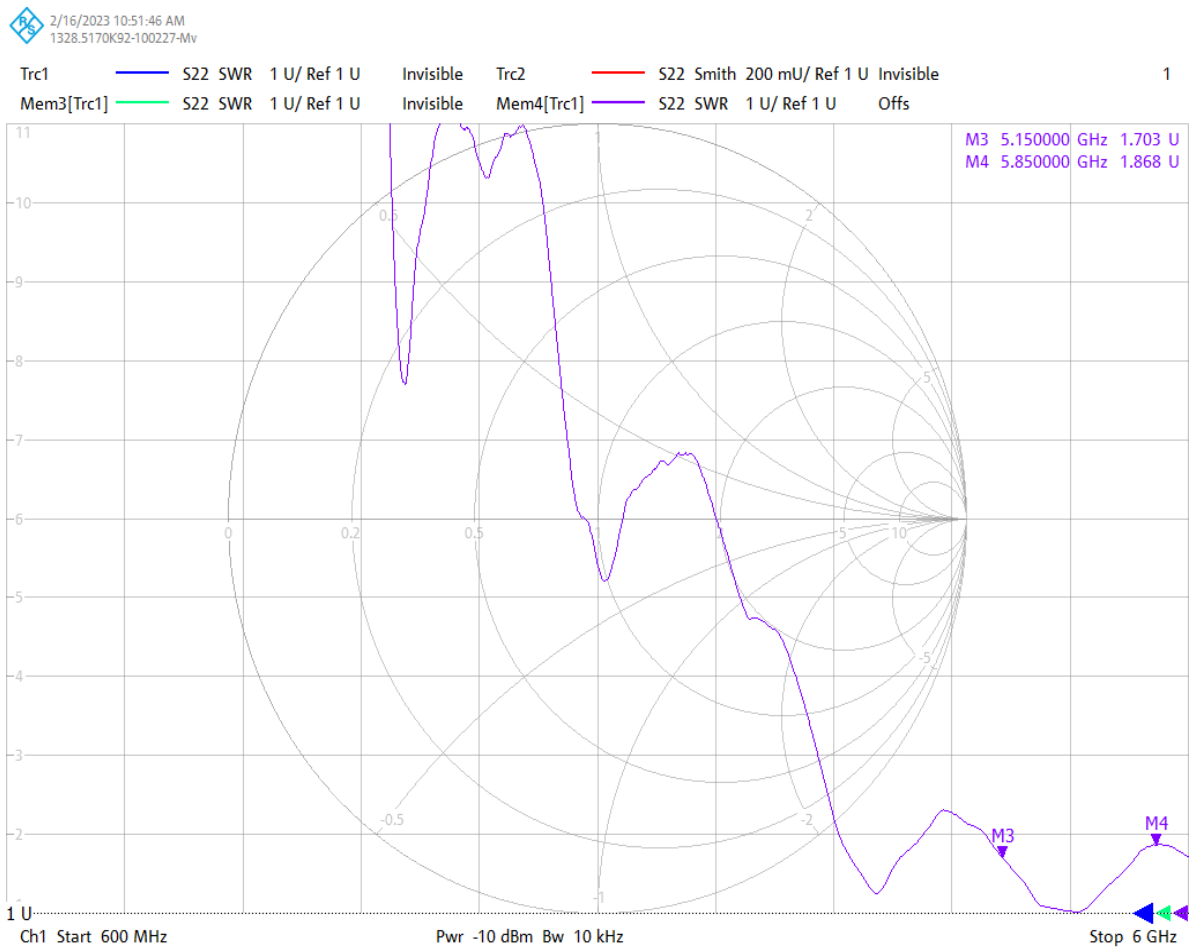
1



W4



W5



|                 |           |             |            |            |
|-----------------|-----------|-------------|------------|------------|
| CUSTOMER' S P/N |           |             | DRAWING NO |            |
| PREPARED BY     | CHECKEDBY | APPROVAL BY | S.R.NO     |            |
| 贺浪浪             |           |             | DATE:      | 2023.07.03 |