

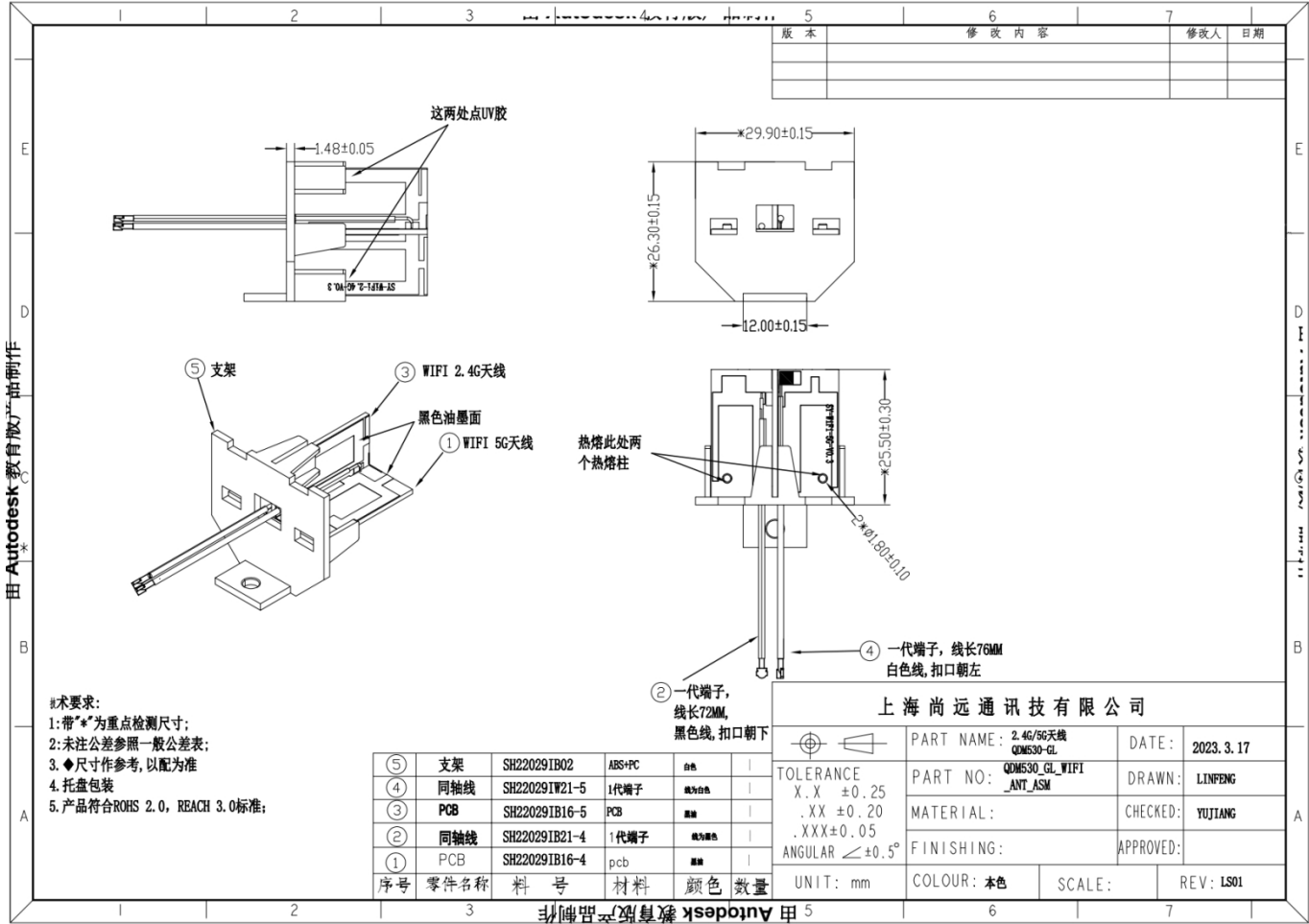
Feature

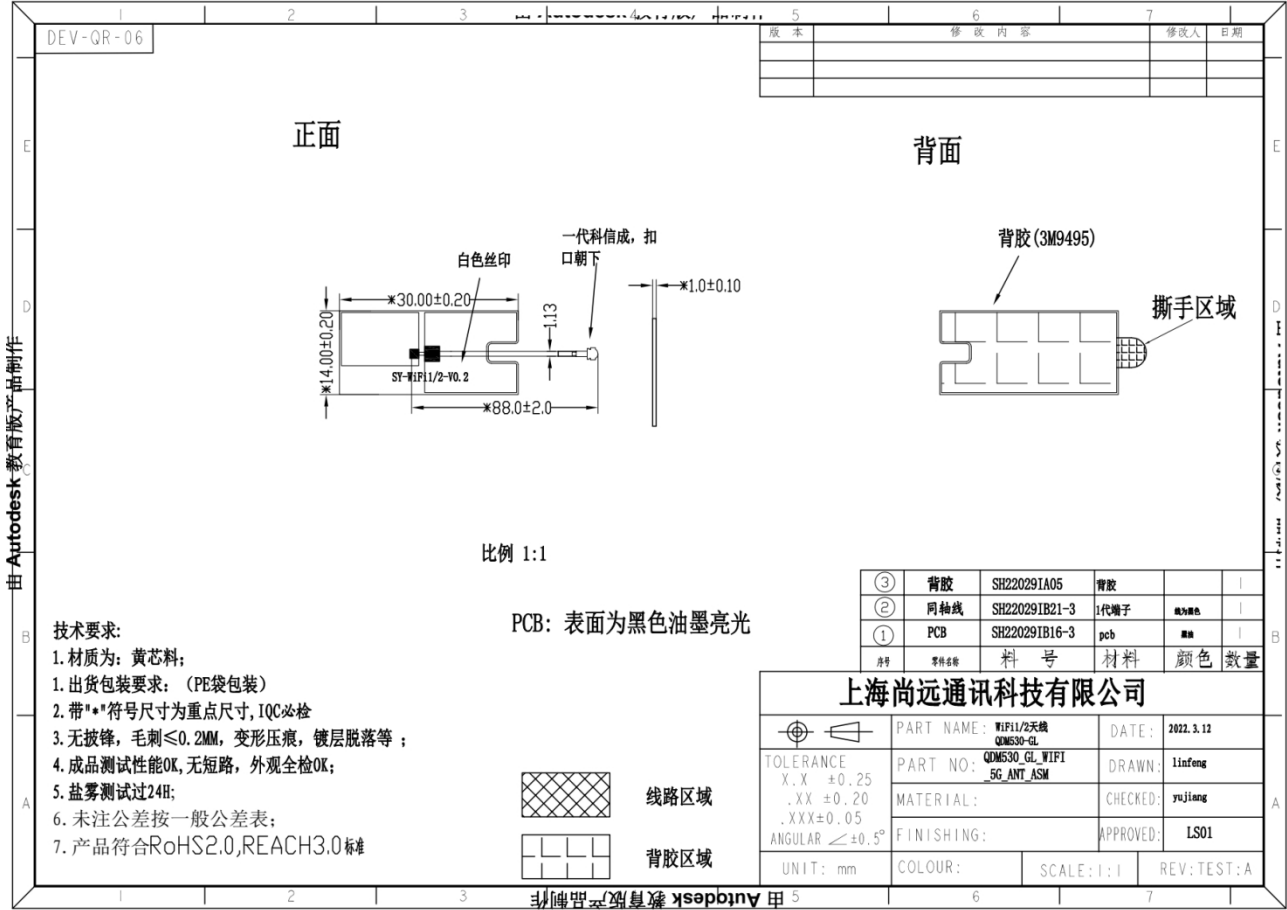
- ※ High gain
- ※ Omani-directional
- ※ Wide bandwidth

Application

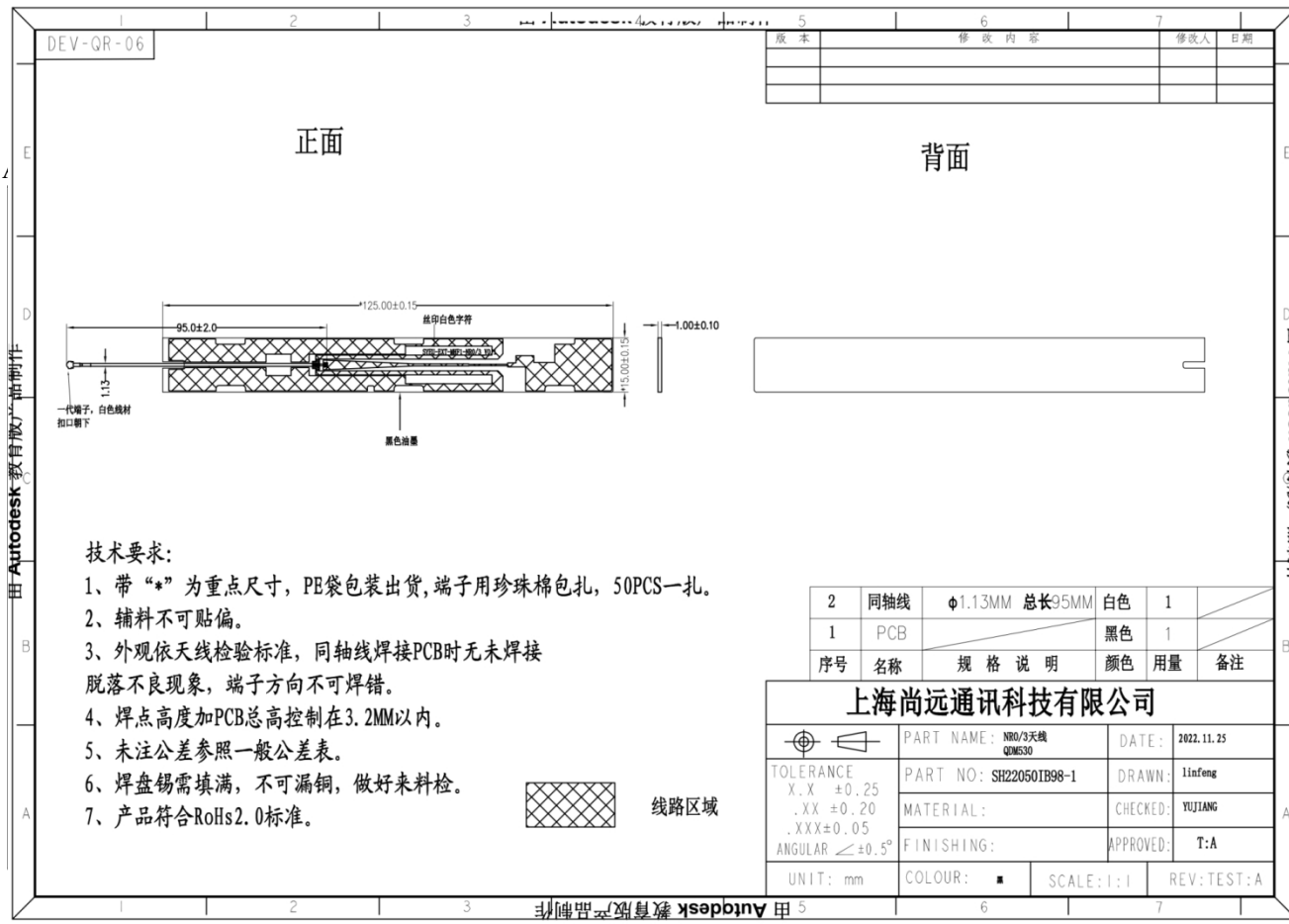
- ※ WCDMA/LTE communication applications

2.4G&5G WiFi

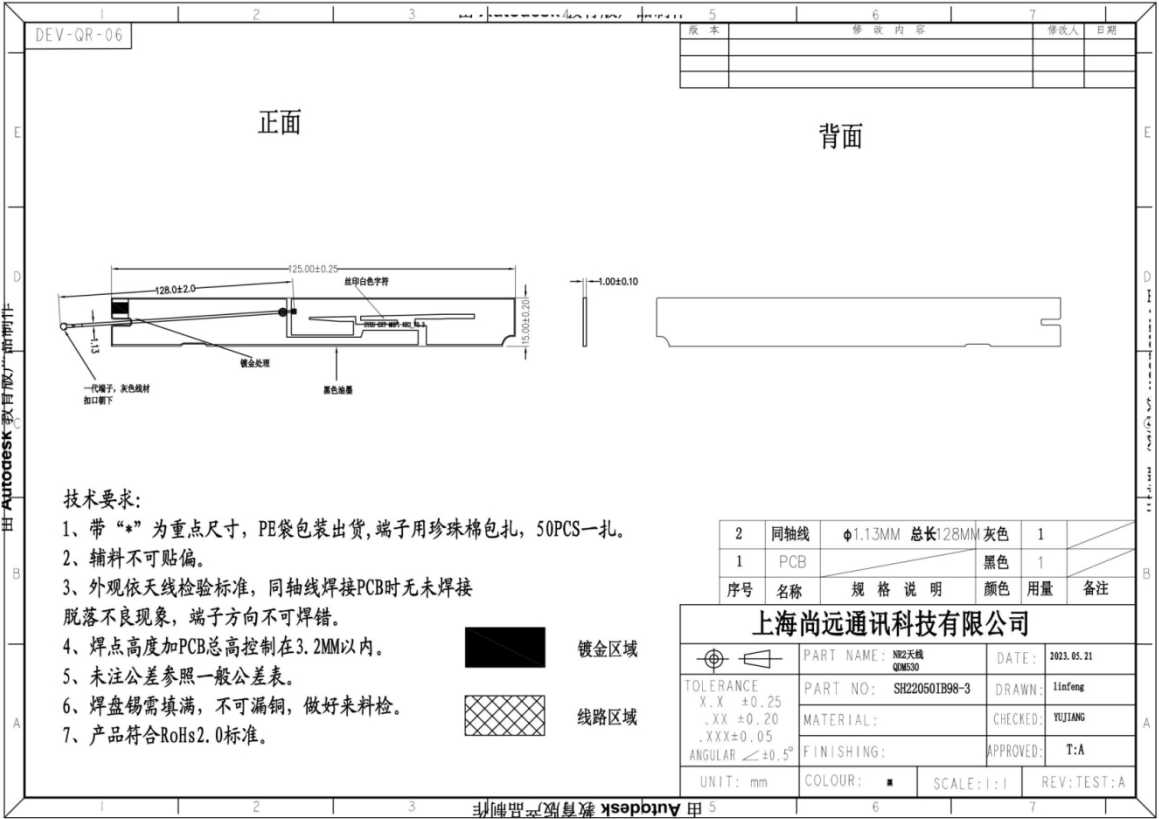




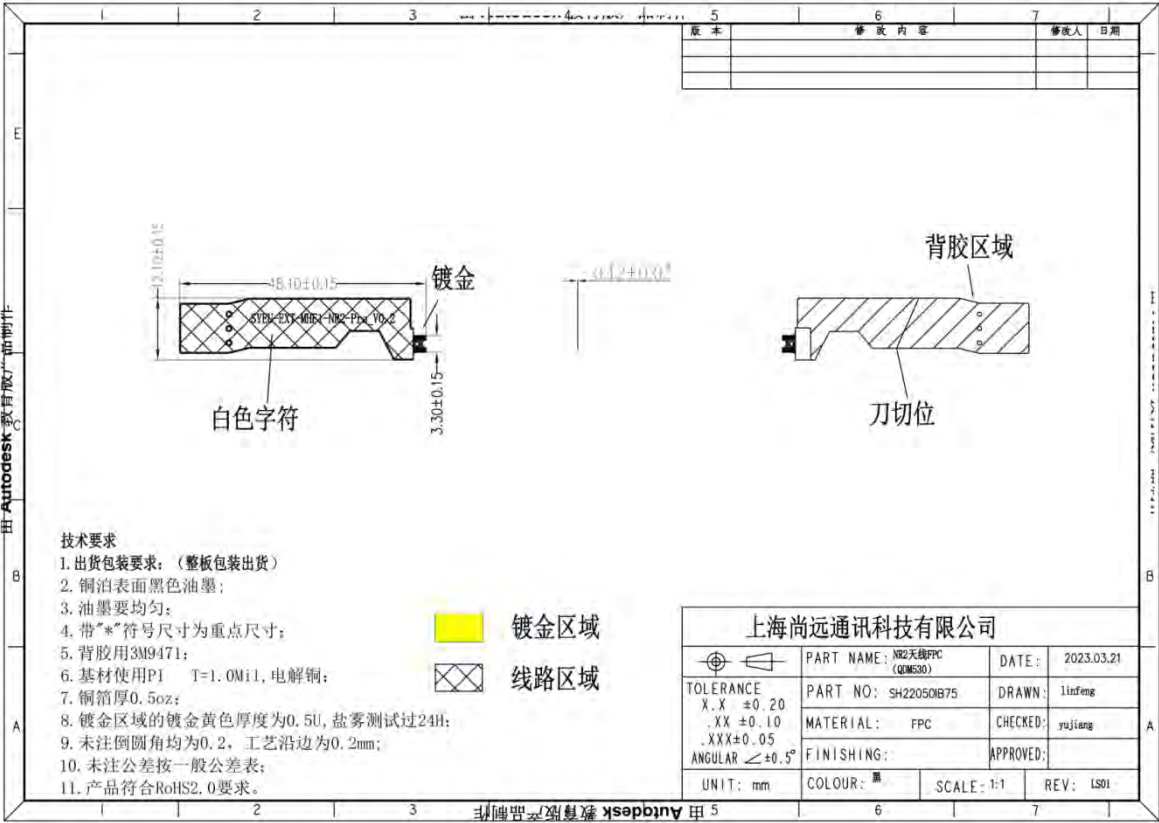
NR0/3



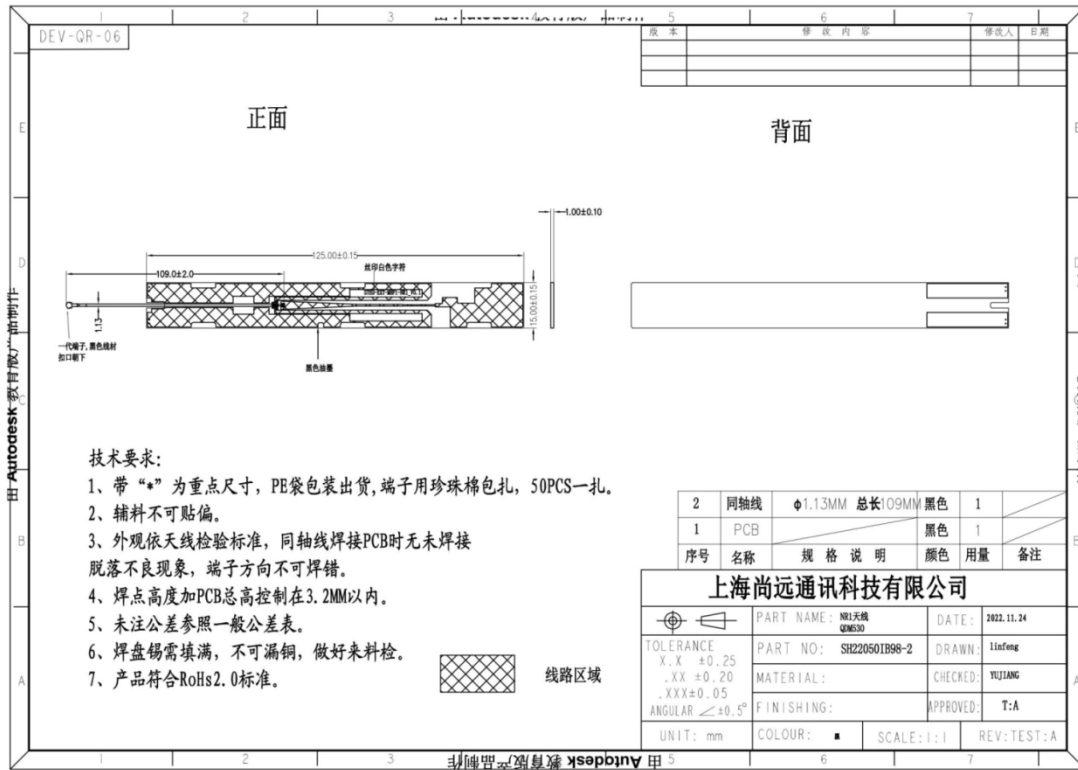
NR2



ANT5ANT6



NR1



Electric Specifications

TYPE	QDM031	
Transmitter Frequency	NR :3300-4200MHz	
	LTE: 690 – 2690 MHz	
	WIFI: 2400-2500Mhz, 5150-5850Mhz	
Receiver Frequency	NR : 3300-4200 MHz	
	LTE: 690 – 2690 MHz	
	WIFI: 2400-2500Mhz, 5150-5850Mhz	
RF-Output Power (E.I.R.P)	NR: 23+/-3dBm	
	LTE:23+/-3dBm	
Antenna Gain		
	LTE_B2: 3.16dBi LTE_B4: 3.17dBi LTE_B5: 0.8dBi LTE_B7: 2.86dBi LTE_B12: 0.84dBi LTE_B13: 1.86dBi LTE_B14: 1.42dBi LTE_B17: 1.86dBi LTE_B25: 3.16dBi LTE_B26: 0.5dBi LTE_B29: 0.84dBi LTE_B30: 3.28dBi	NR_B2: 3.16dBi NR_B5: 0.8dBi NR_B7: 2.86dBi NR_B12: 0.84dBi NR_B25: 3.16dBi NR_B41: 3.46dBi NR_B48: 3.38dBi NR_B66: 3.17dBi NR_B70: 3.27dBi NR_B71: 0.69dBi NR_B77: 3.38dBi NR_B78: 3.38dBi

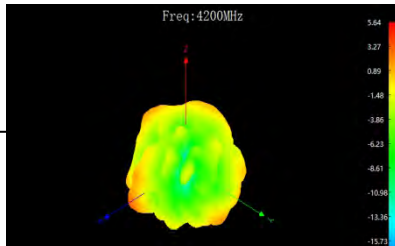
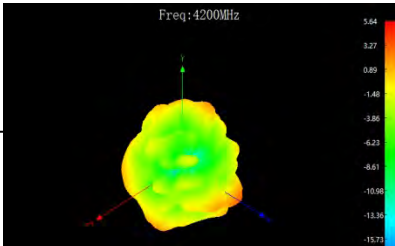
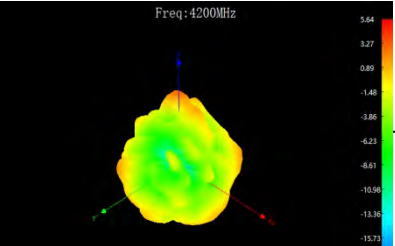
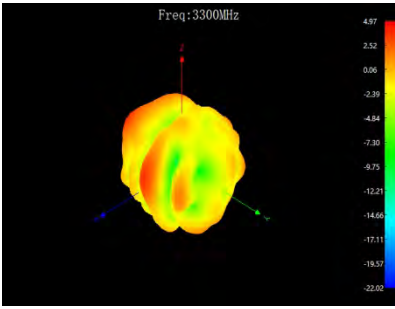
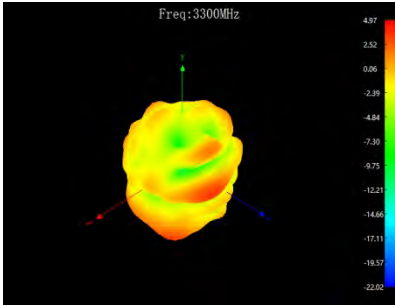
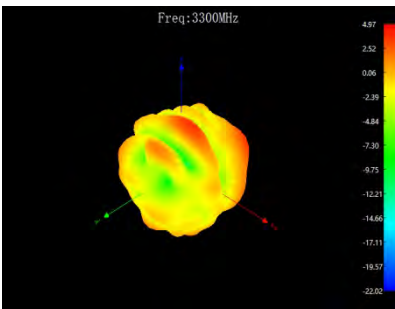
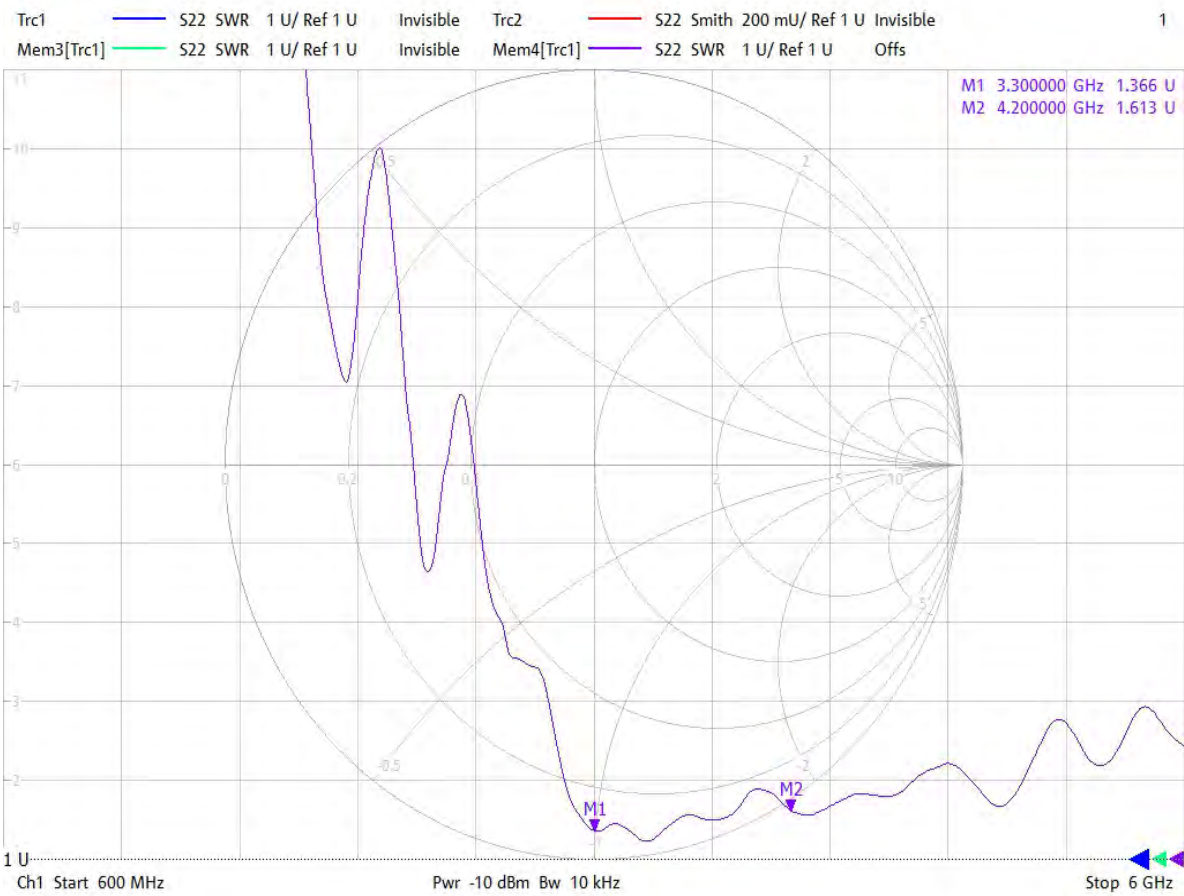
	LTE_B66: 3.17dBi LTE_B71: 0.69dBi LTE_B38: 2.64dBi LTE_B41: 3.46dBi LTE_B42: 3.41dBi LTE_B43: 3.74dBi LTE_B48: 3.38dBi LTE_B46: 4dBi	

※ Antenna

※ VSWR

ANT0

2/16/2023 10:53:22 AM
1328.5170K92-100227-MV

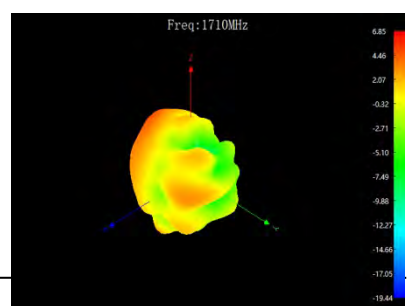
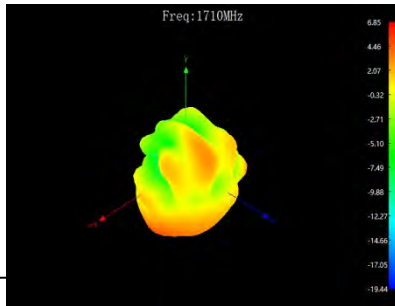
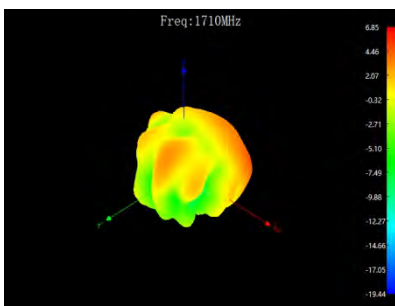
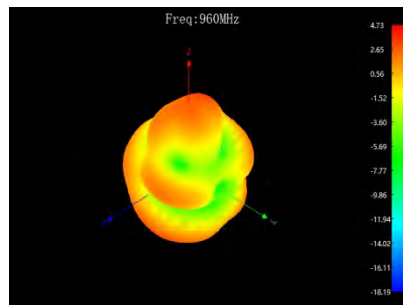
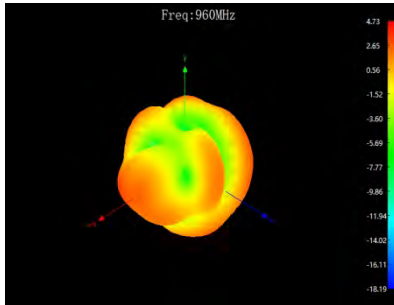
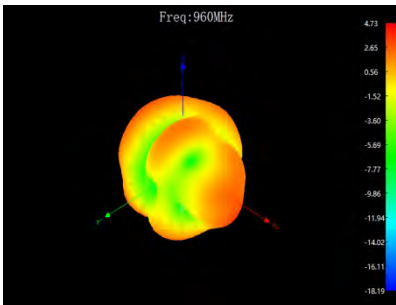
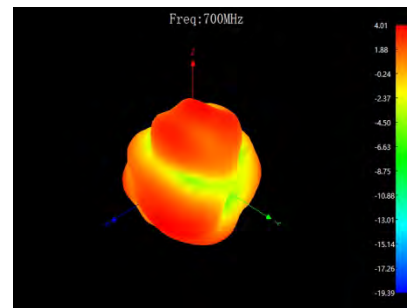
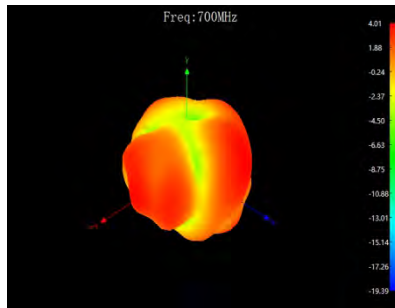
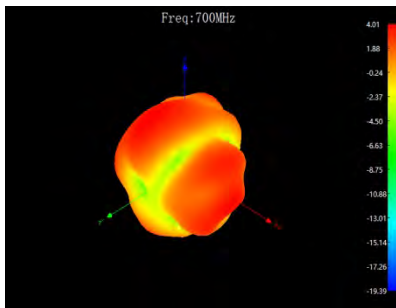
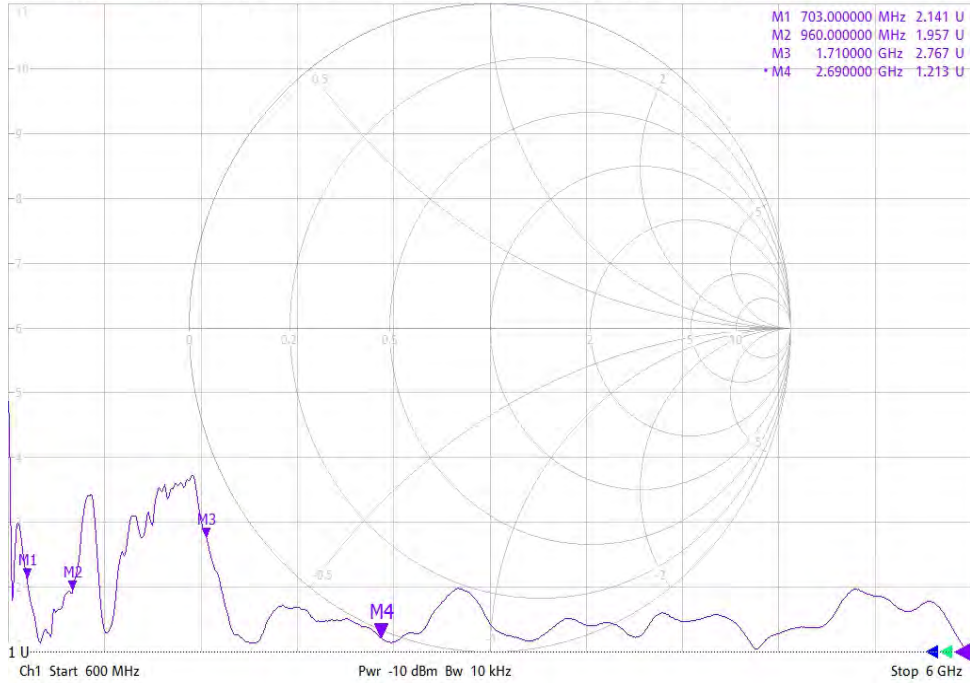


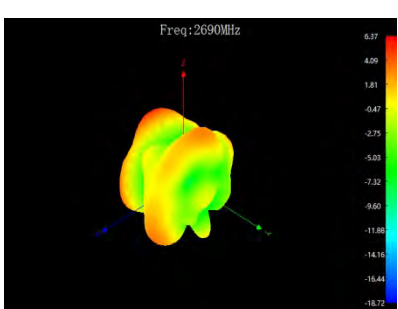
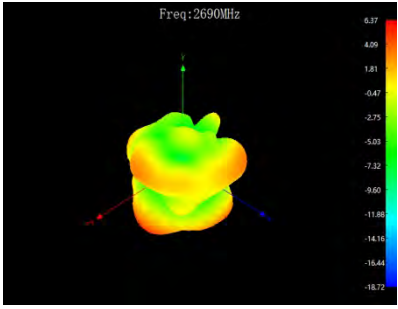
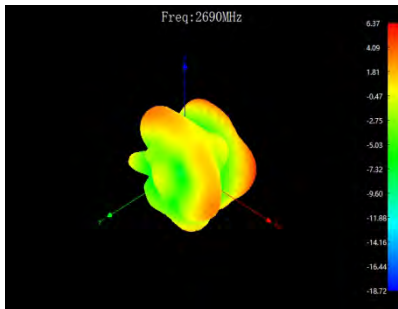
ANT1

2/16/2023 10:58:01 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

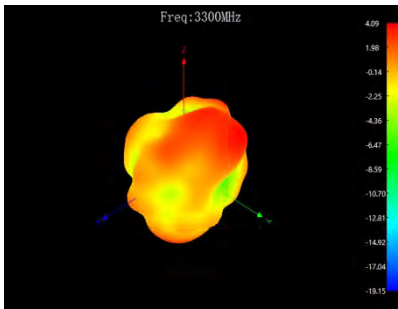
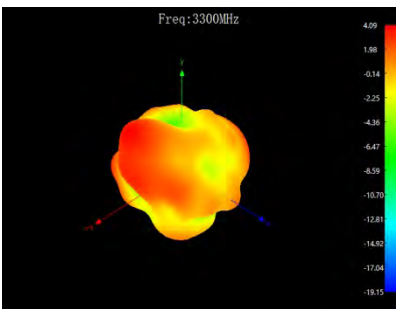
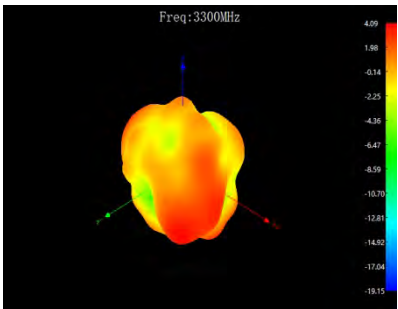
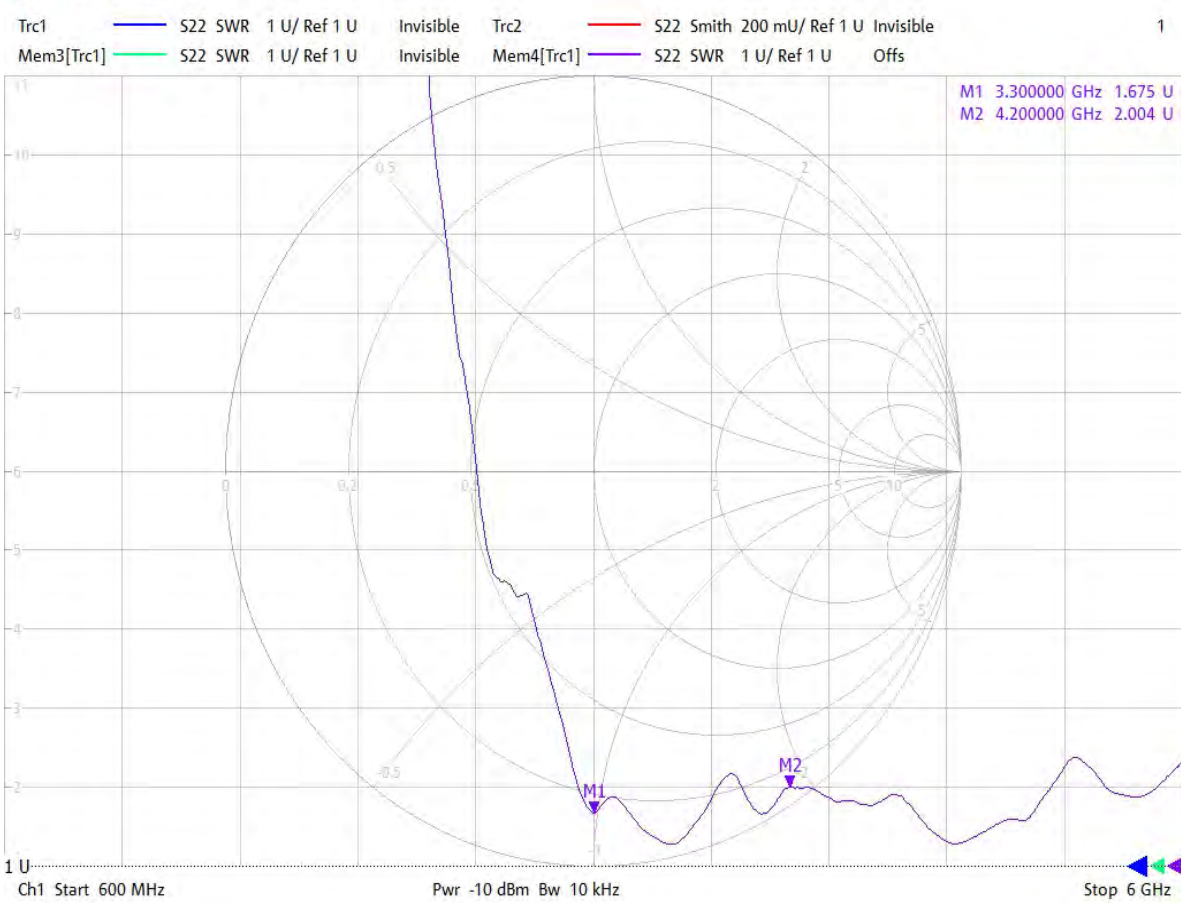
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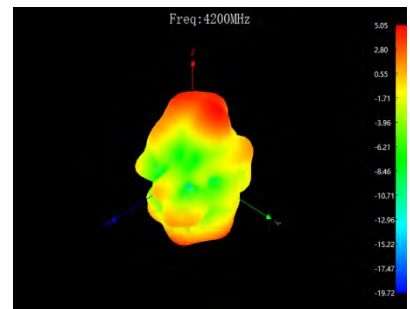
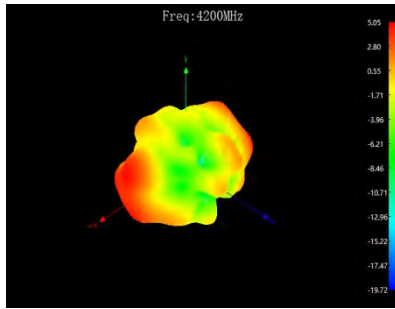
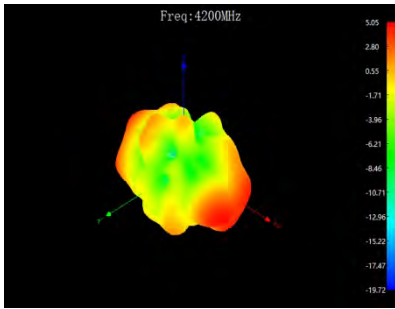




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2/16/2023 10:47:43 AM
1328.5170K92-100227-MV



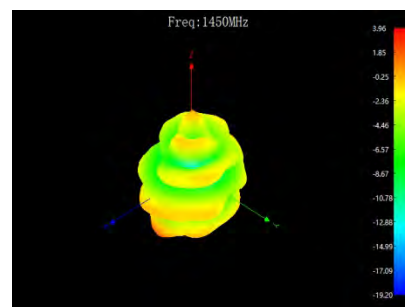
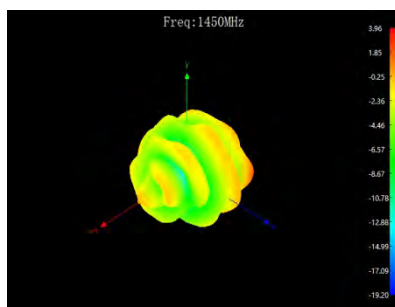
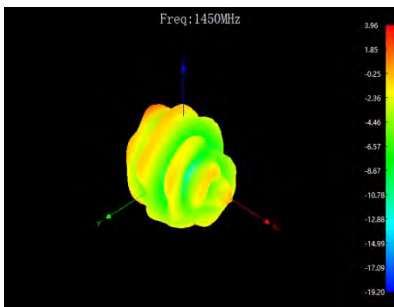
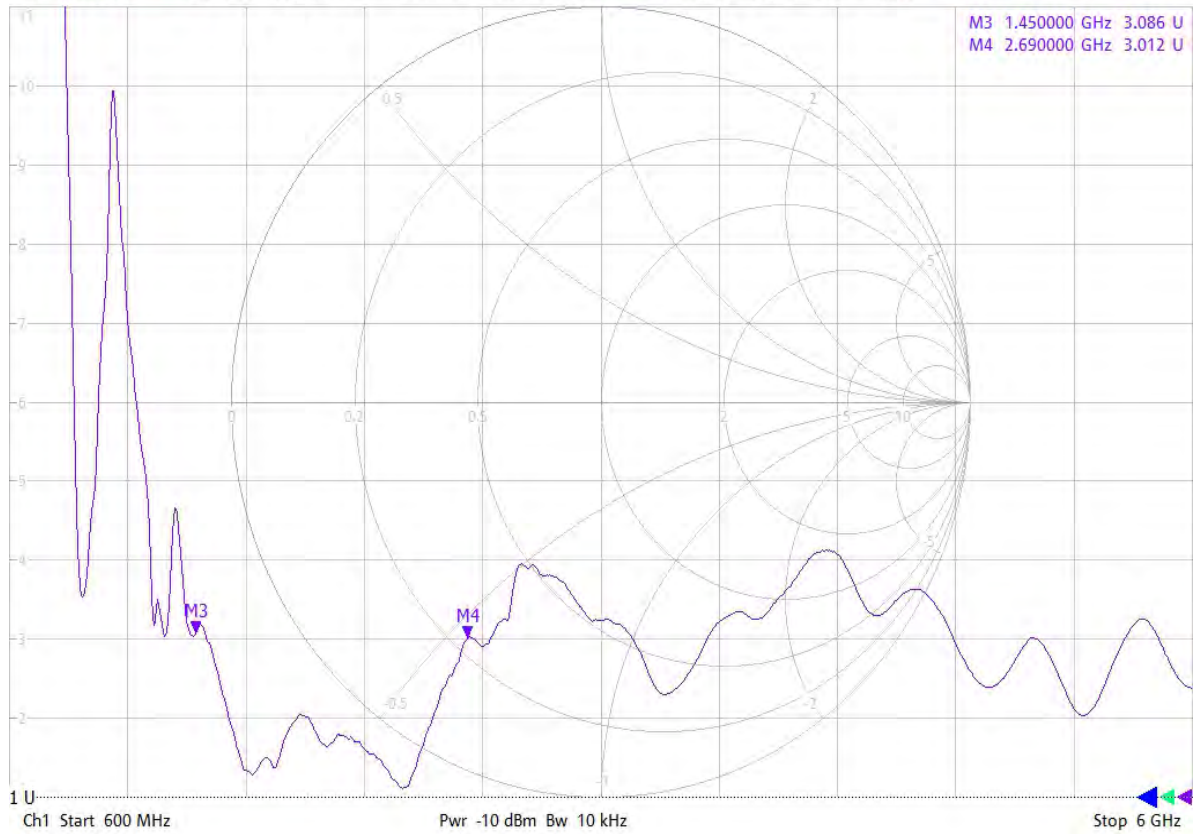


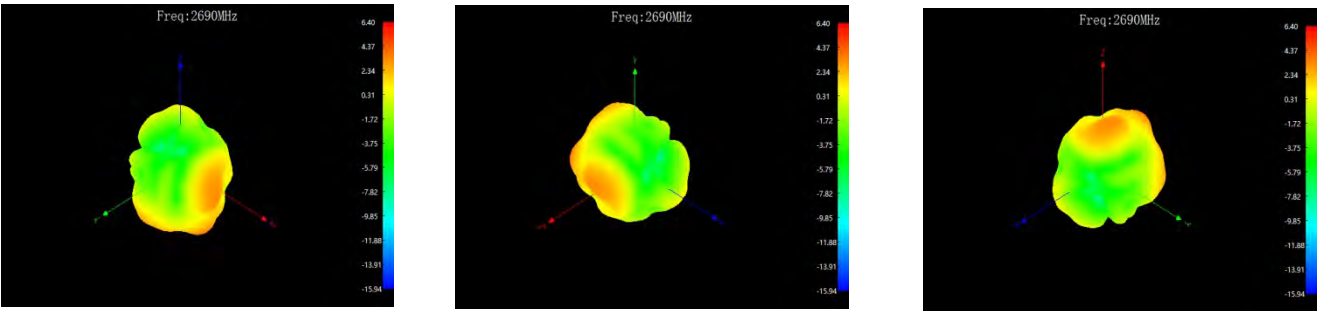
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2/16/2023 10:55:57 AM
1328.5170K92-100227-Mv

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

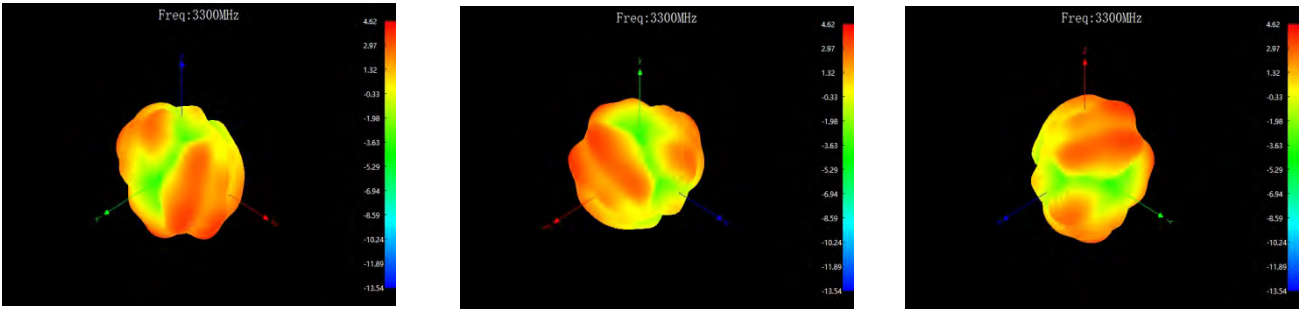
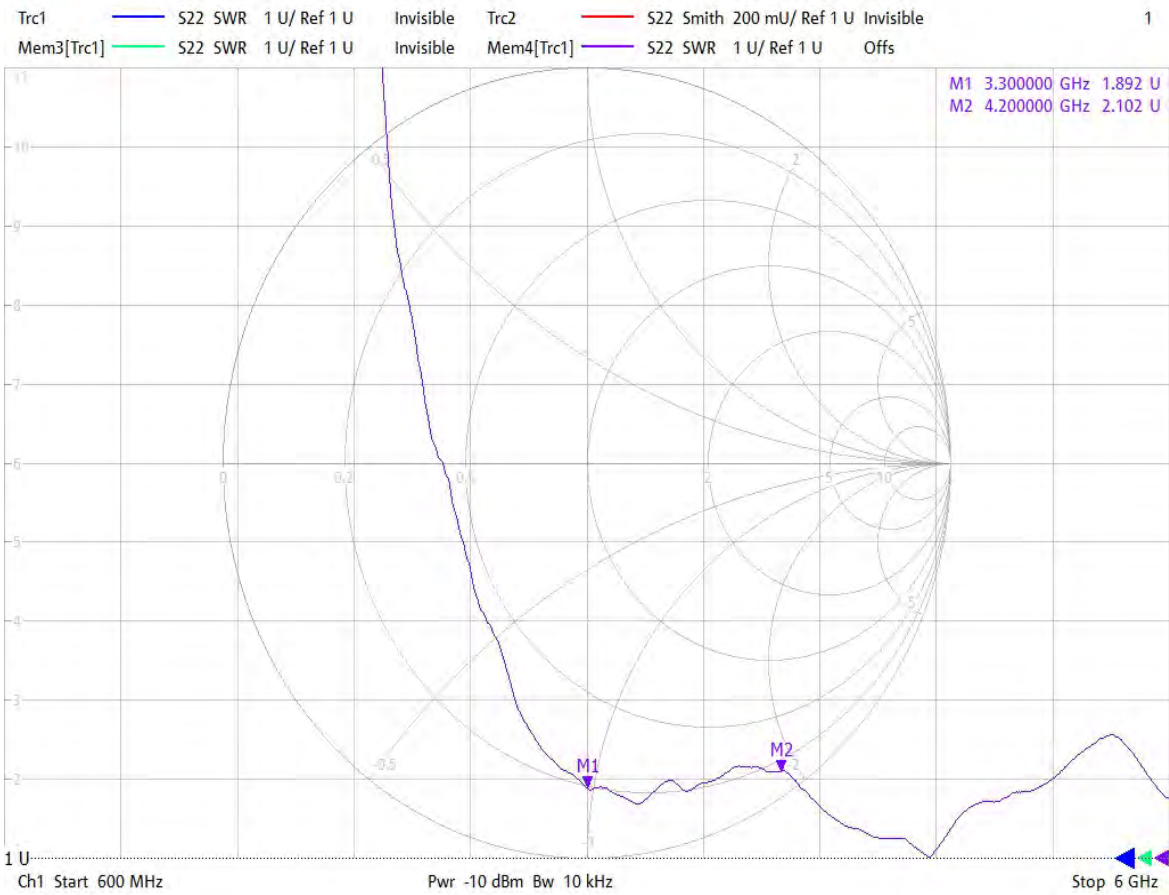
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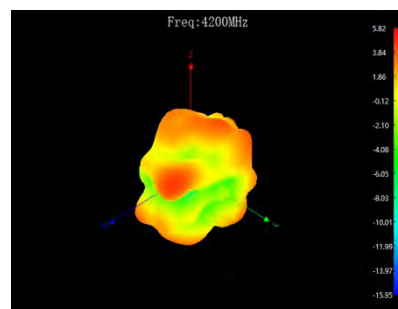
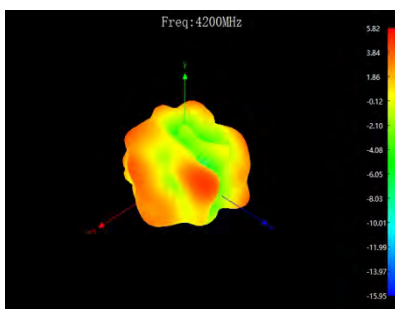
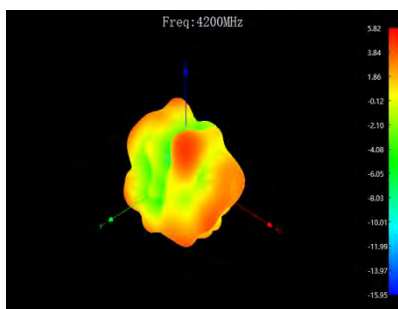




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2/16/2023 10:48:09 AM
1328.5170K92-100227-MV



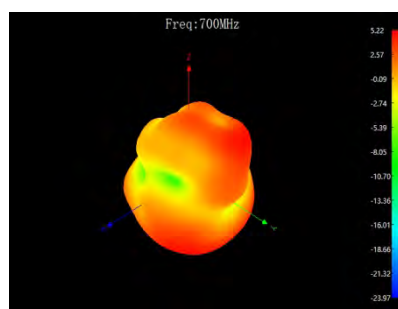
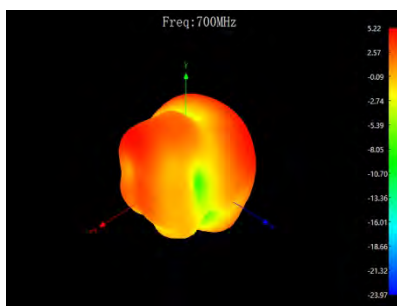
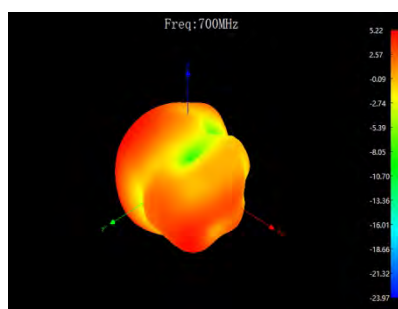
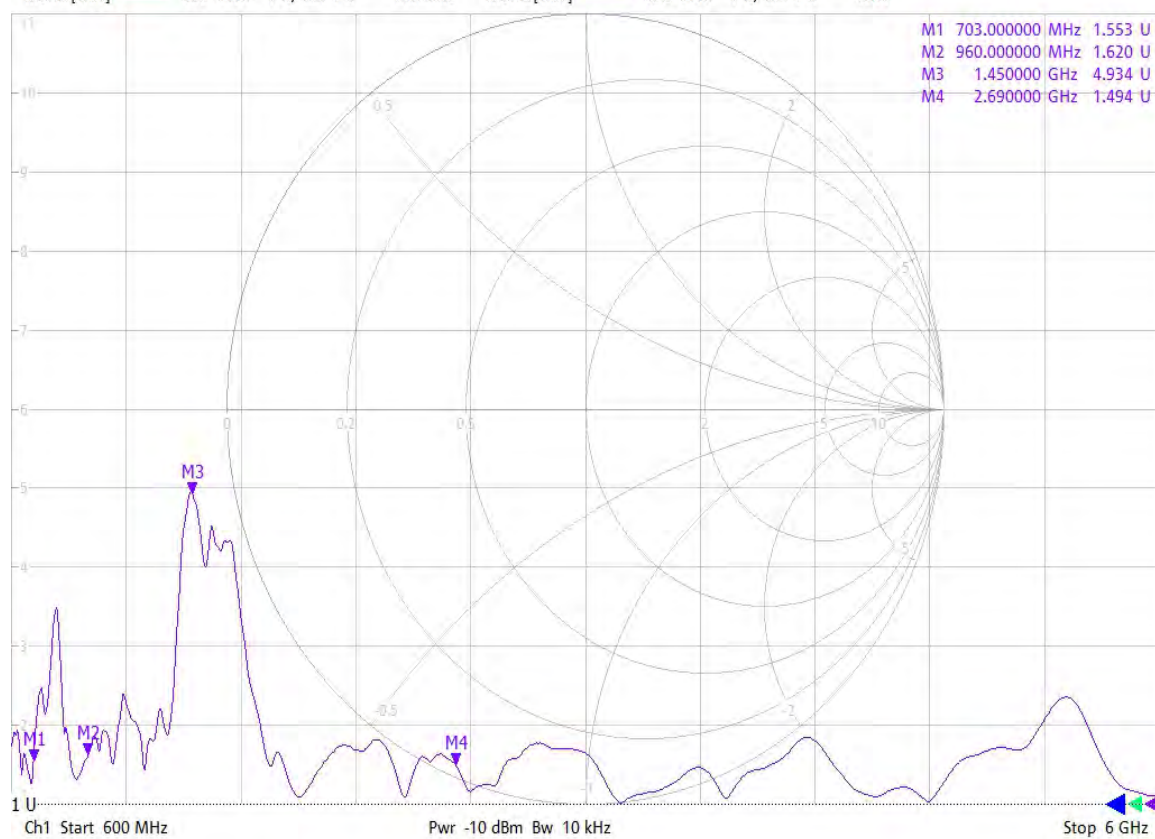


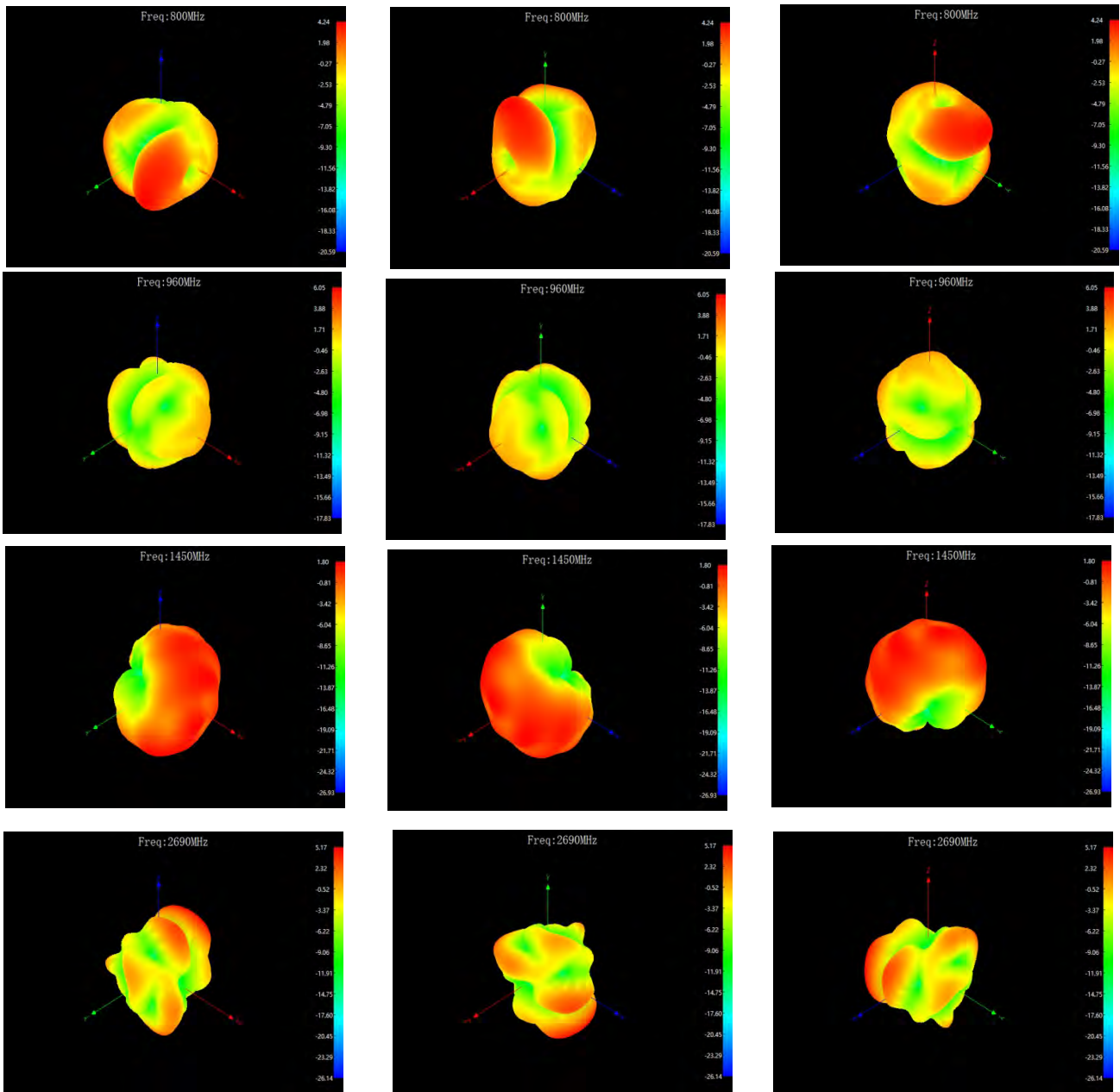
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2/16/2023 10:55:07 AM
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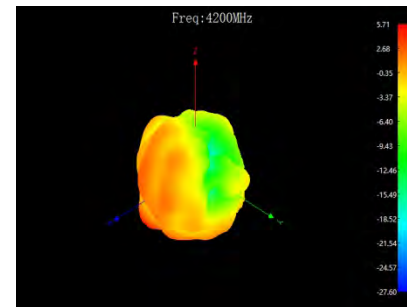
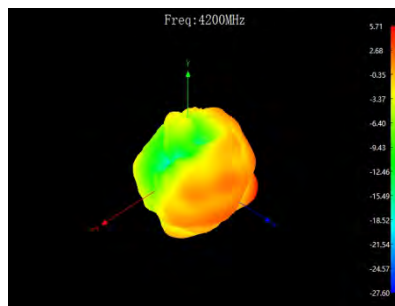
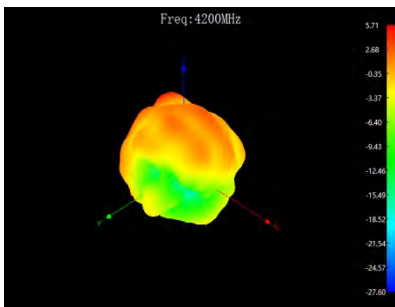
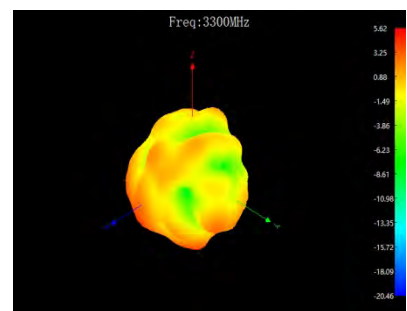
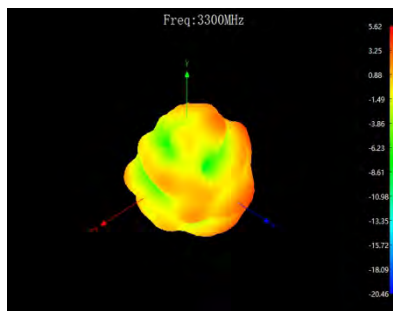
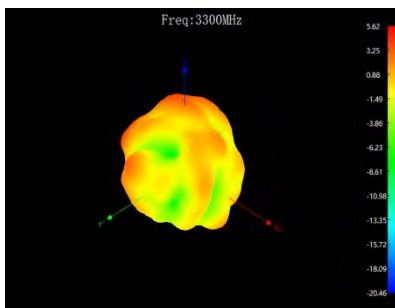
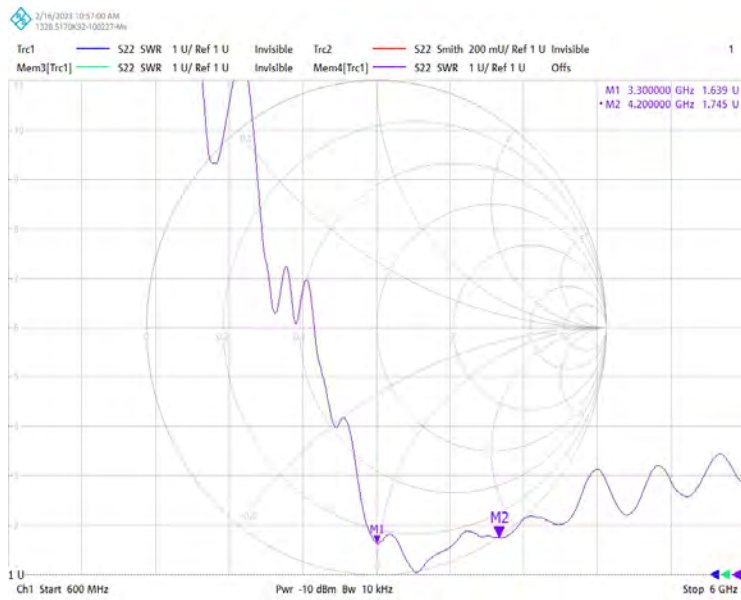
Trc1 S22 SWR 1 U/ Ref 1 U Invisible Trc2 S22 Smith 200 mU/ Ref 1 U Invisible
Mem3[Trc1] S22 SWR 1 U/ Ref 1 U Invisible Mem4[Trc1] S22 SWR 1 U/ Ref 1 U Offs

1





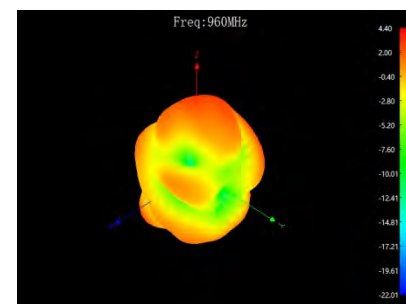
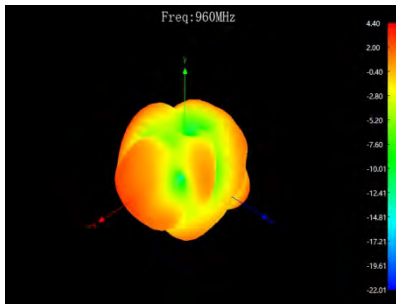
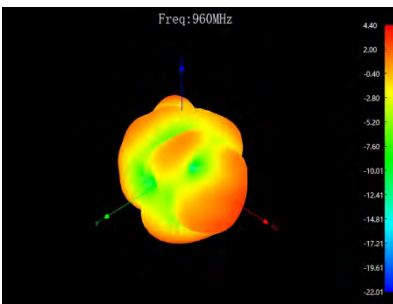
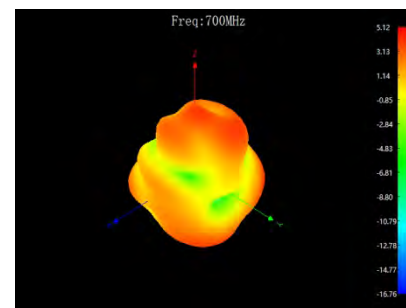
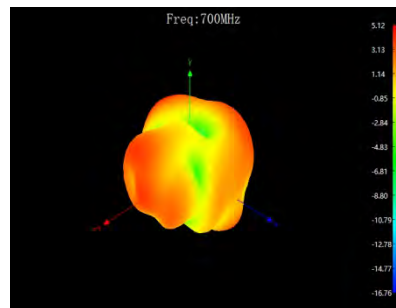
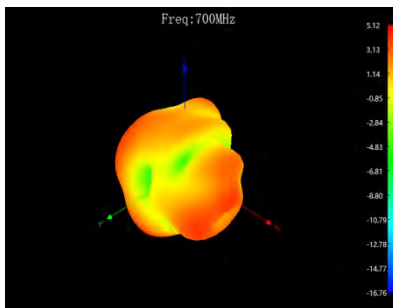
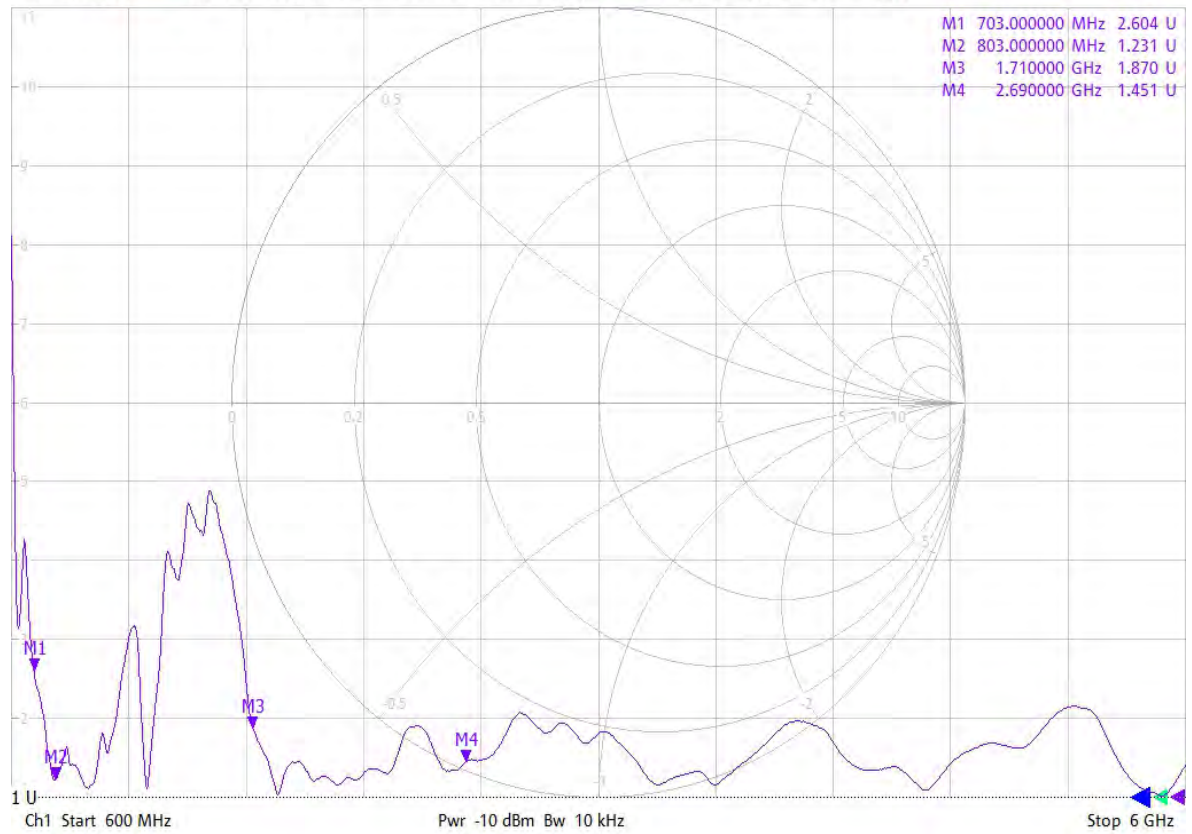
ANT6

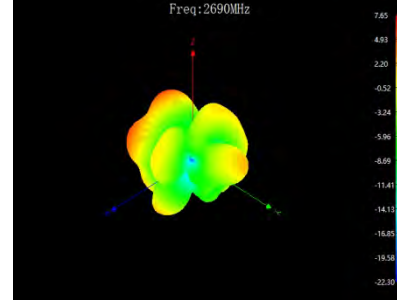
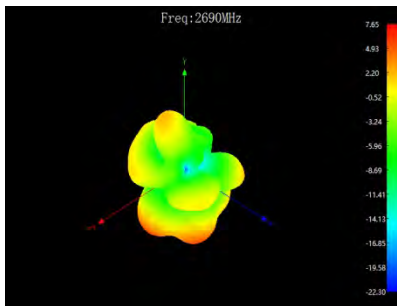
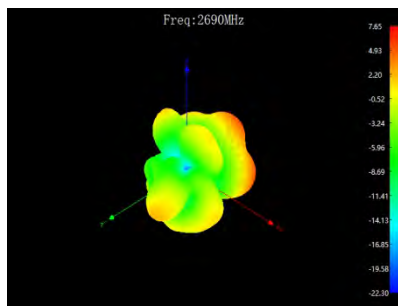
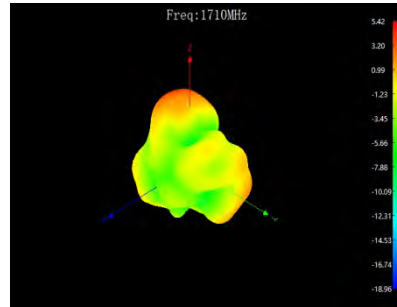
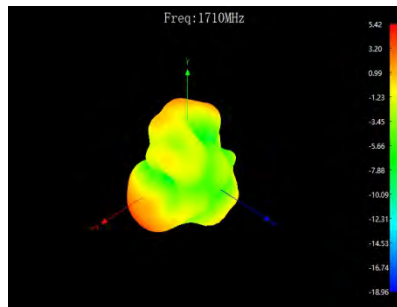
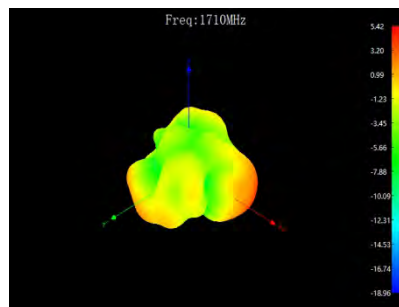


ANT7

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

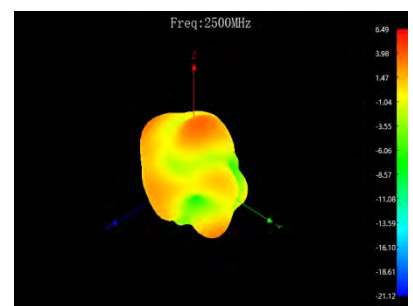
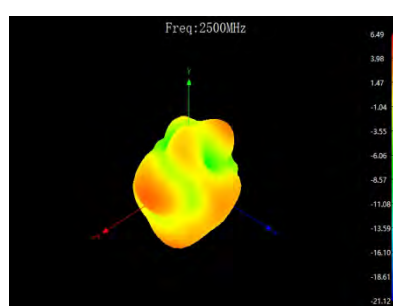
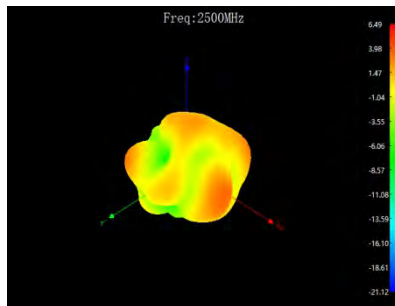
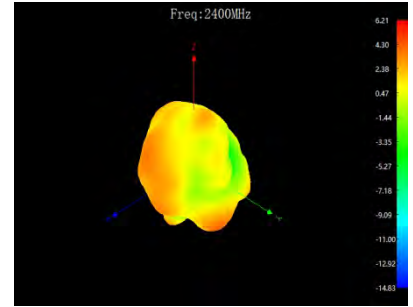
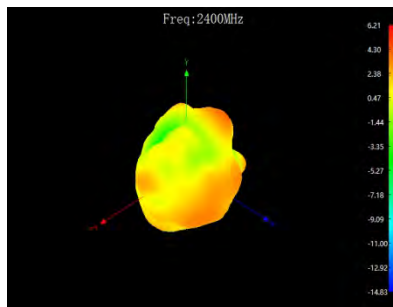
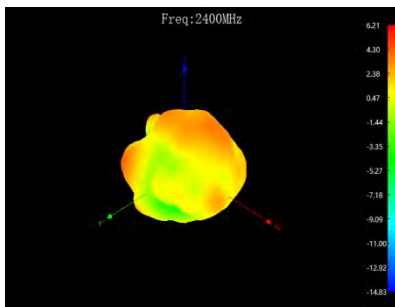




W1

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

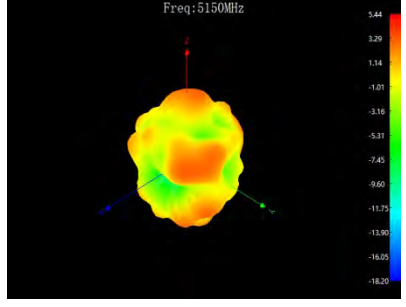
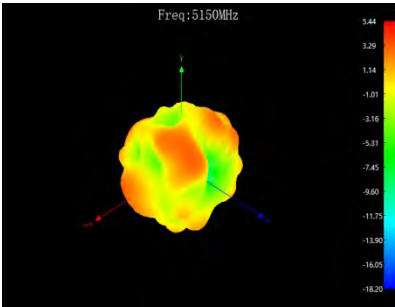
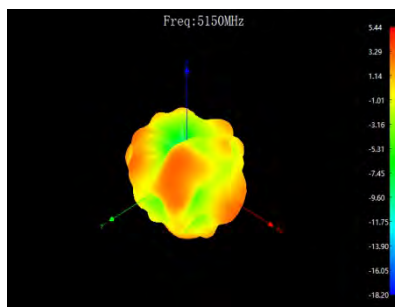
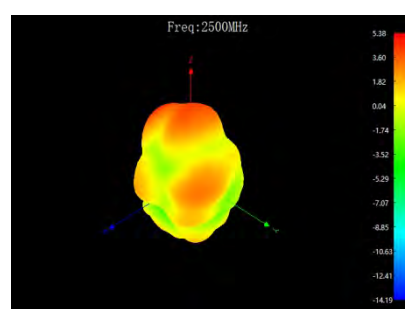
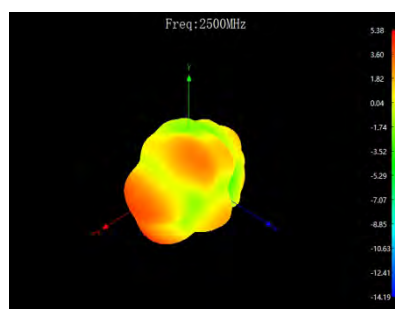
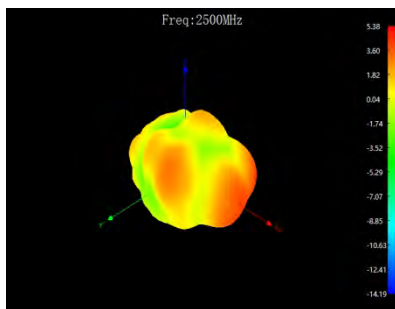
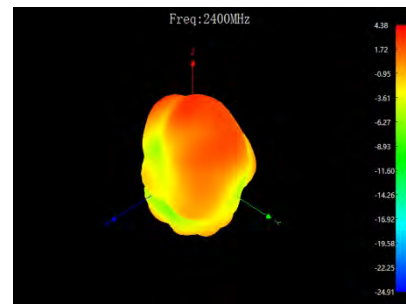
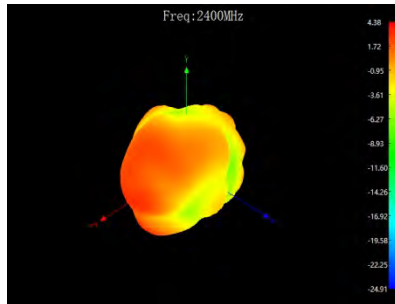
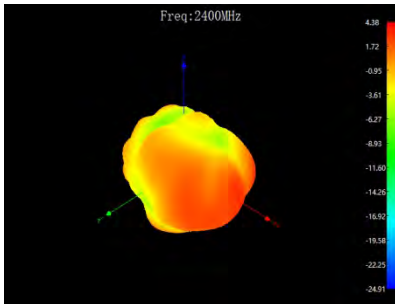
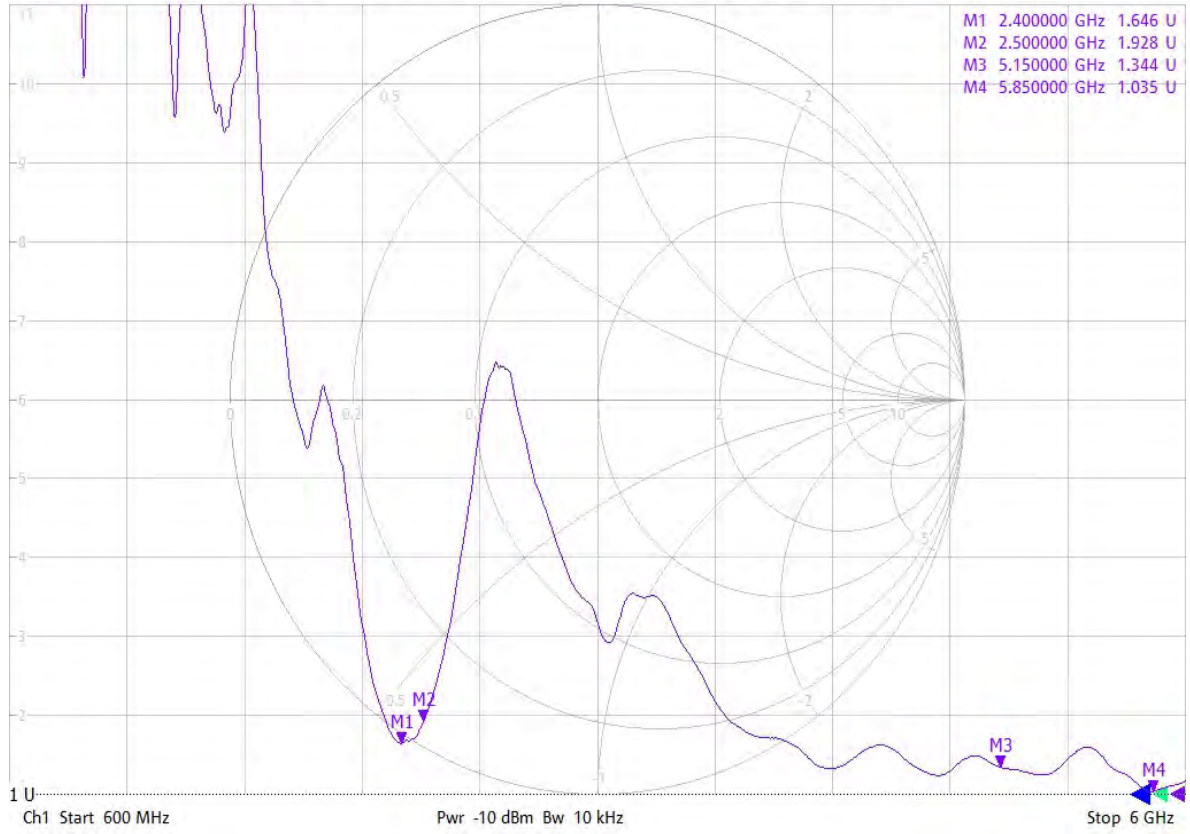
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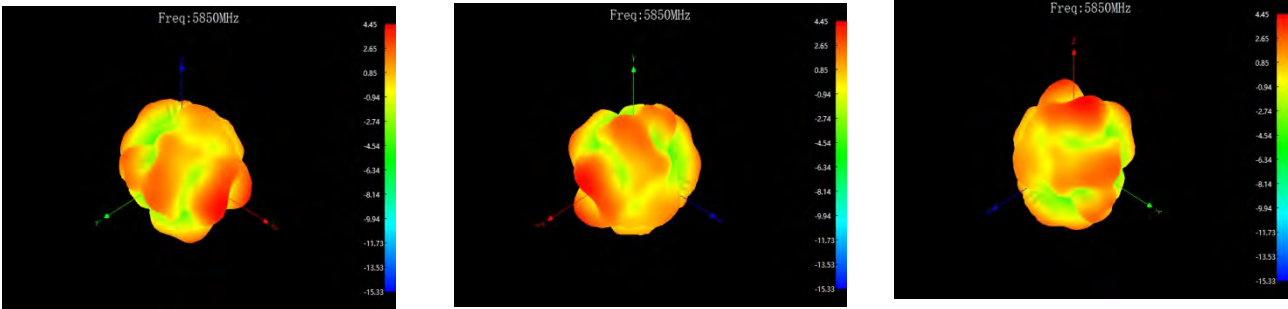


W3

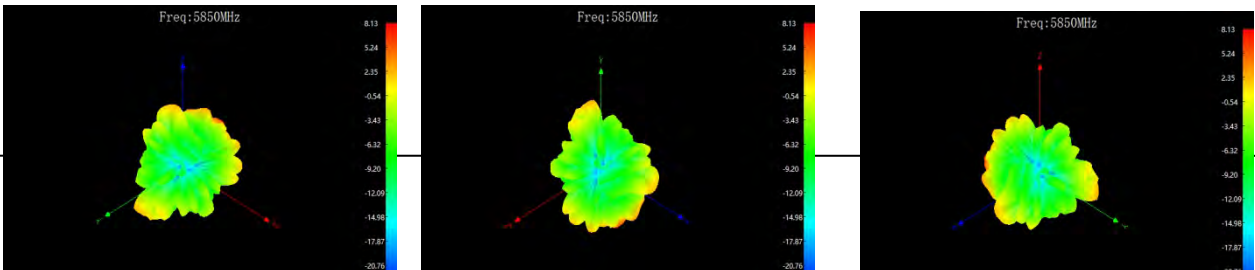
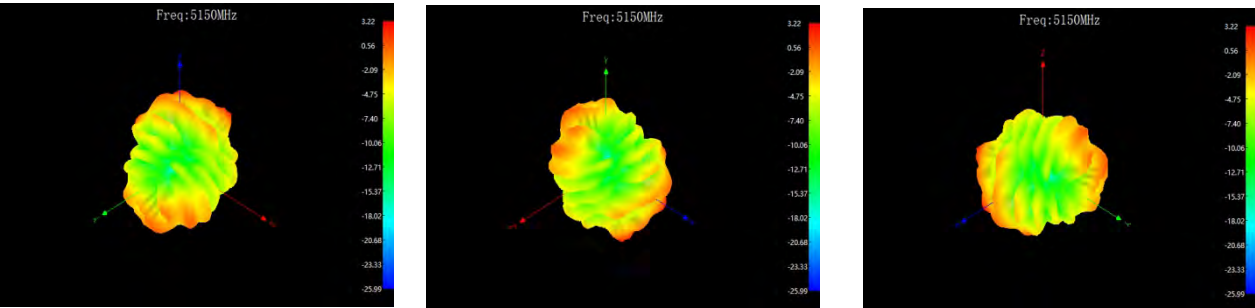
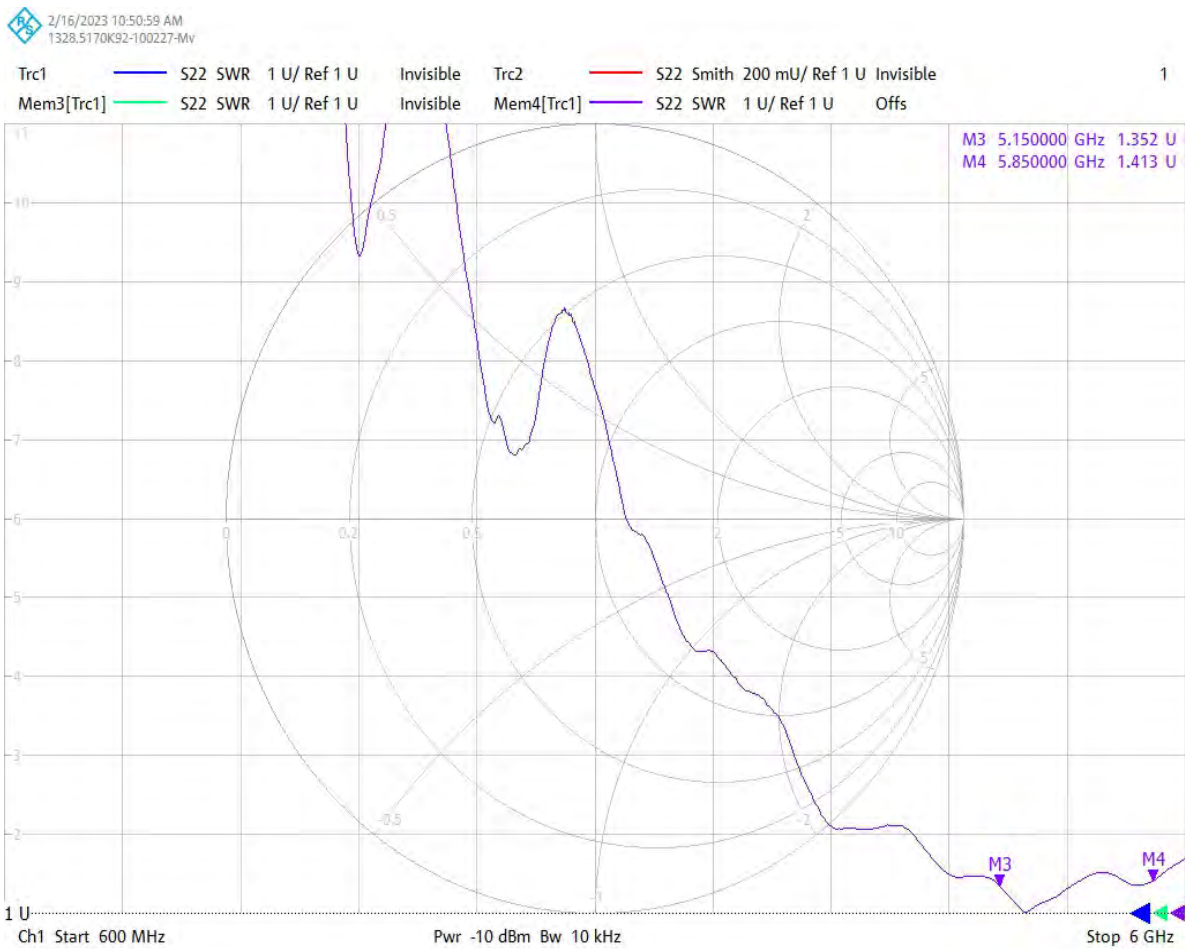
Trc1 S22 SWR 1 U/ Ref 1 U Invisible Trc2 S22 Smith 200 mU/ Ref 1 U Invisible
Mem3[Trc1] S22 SWR 1 U/ Ref 1 U Invisible Mem4[Trc1] S22 SWR 1 U/ Ref 1 U Offs

1





W4

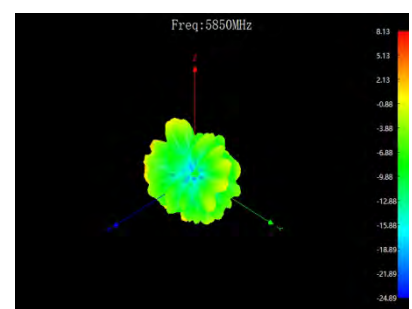
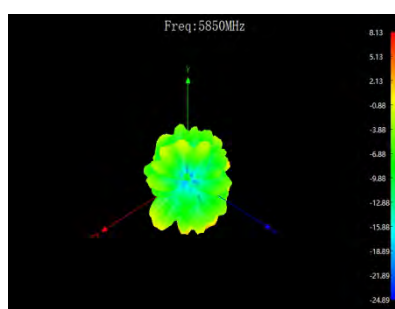
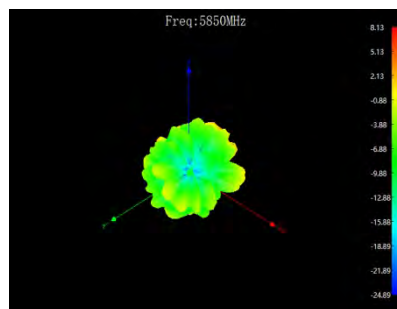
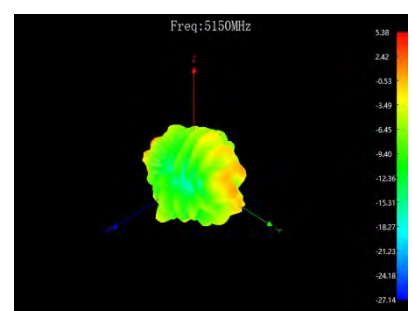
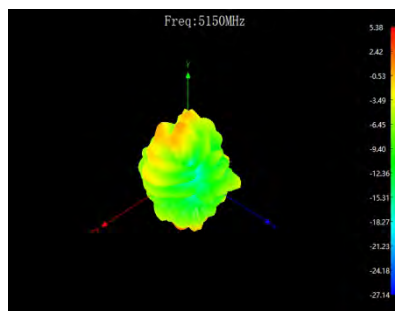
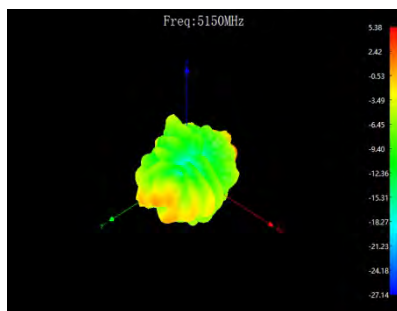
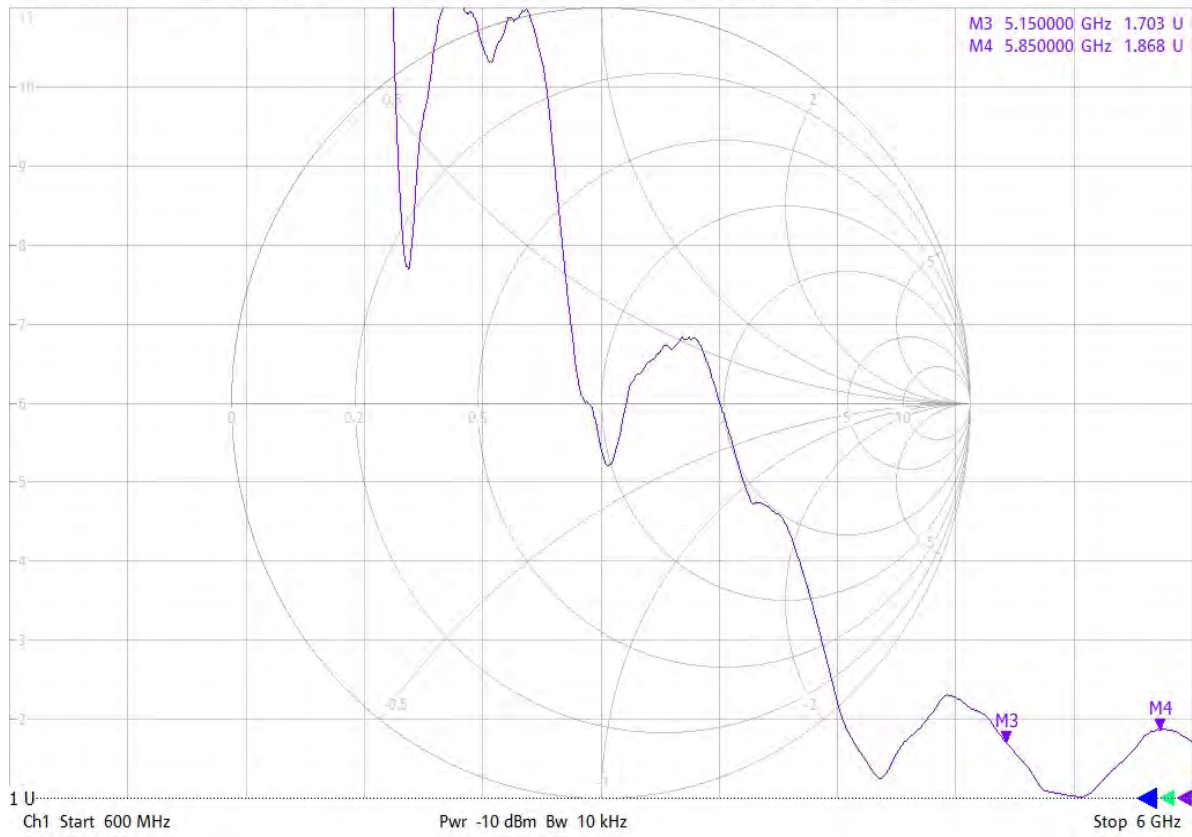


W5

2/16/2023 10:51:46 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



CUSTOMER' S P/N			DRAWING NO	
PREPARED BY	CHECKEDBY	APPROVAL BY	S.R.NO	
马维华			DATE:	2024.1.17