

Antenna test report

Version	Date	Content Overview
USA-TX	20250619	Antenna Passive Test
USA-RX	20250619	Antenna Passive Test
EU-TX	20250619	Antenna Passive Test
EU-RX	20250619	Antenna Passive Test

Antenna model

Frequency (MHz)	TX
863~865MHz	brass spring 1.0*φ7.5-13*13.7L (EU)
657~698MHz	brass spring 1.0*φ7.5-13*17.4L (US)
Manufacturer	Dongguan Jinlin Hardware Co.,Ltd

USA-TX Test

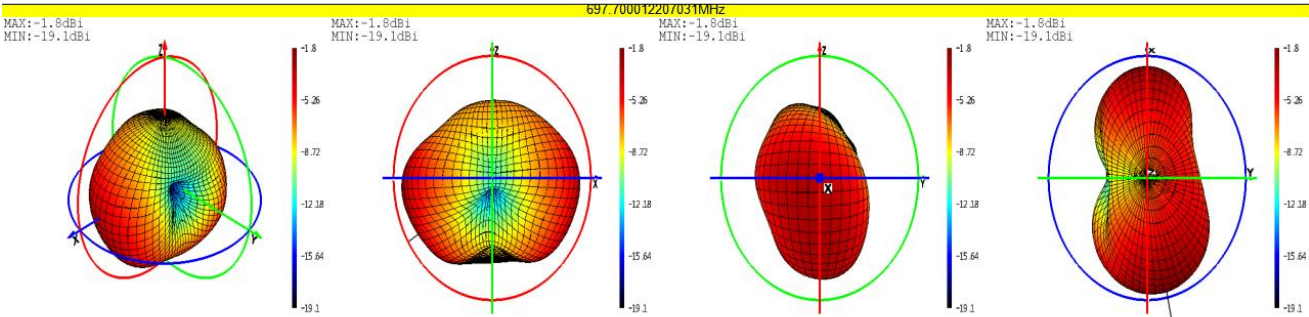
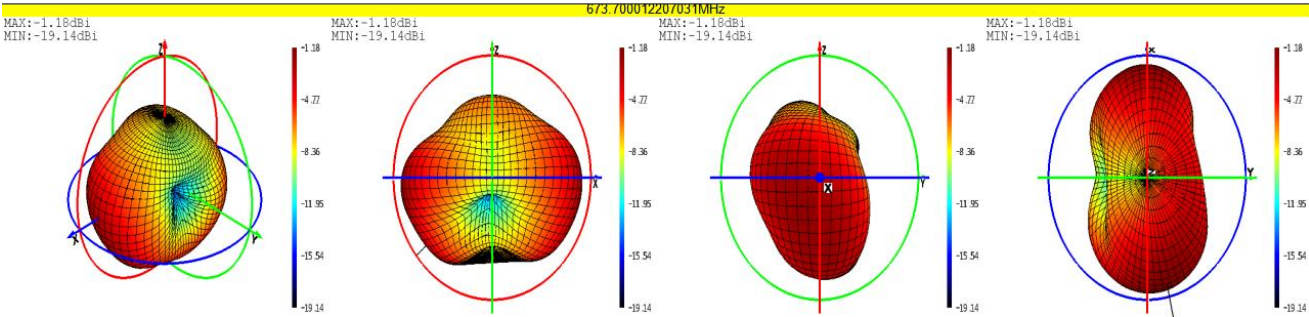
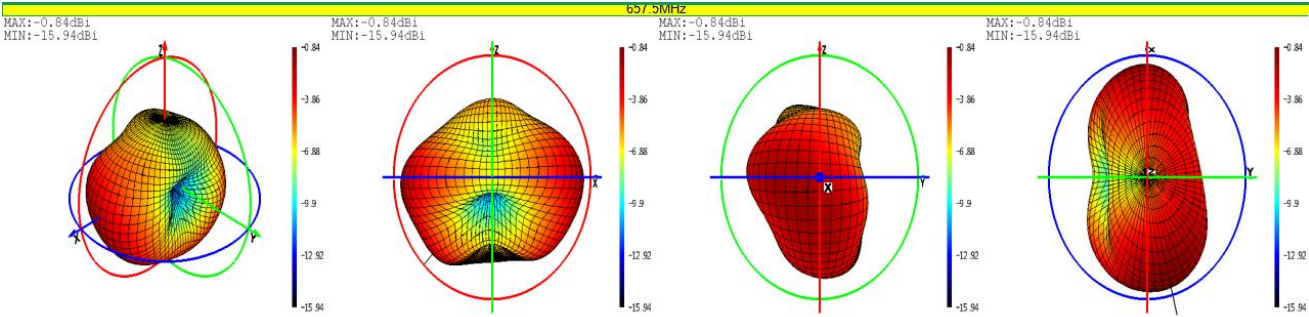
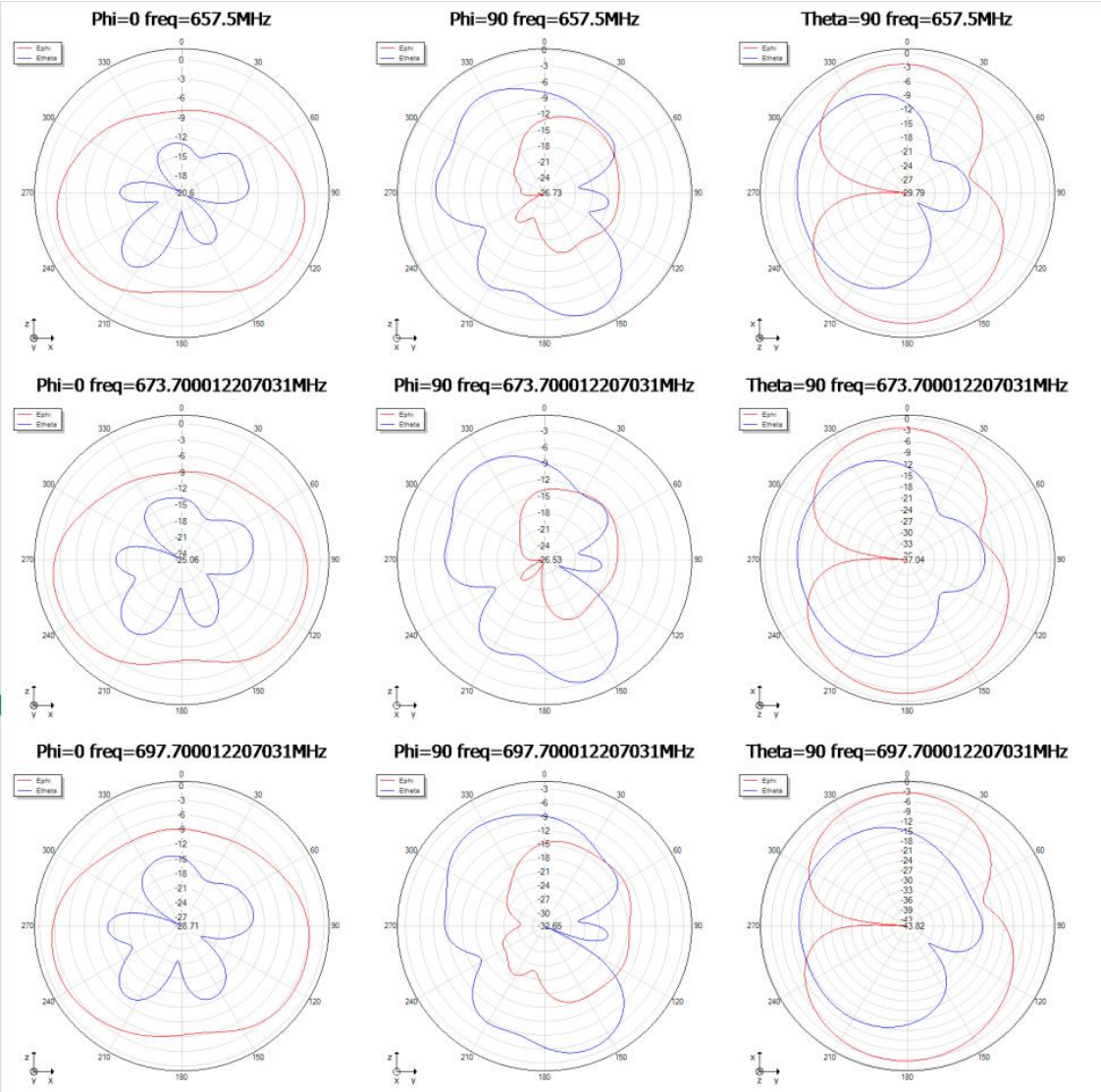
 Efficiency/gain testing

Frequency ID	1	2	3
Frequency (MHz)	657.5	673.7000122	697.7000122
Gain (dBi)	-6.89	-3.78	-1.64
Efficiency (dB)	-9.95	-7.03	-4.78
Efficiency (%)	10.11	19.83	33.28

USA-TX Test

 Directional diagram

 apple diagram



EU-TX Test

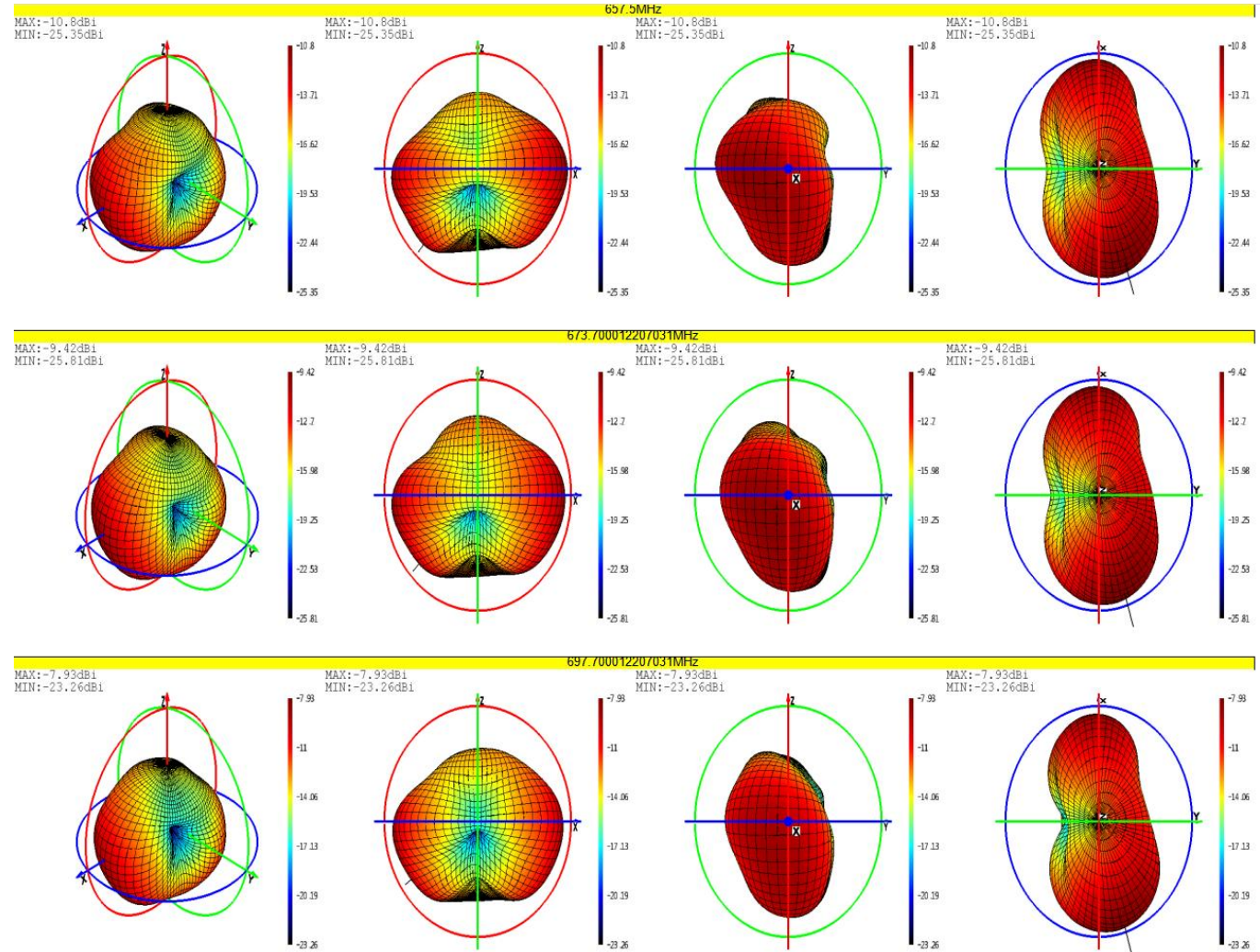
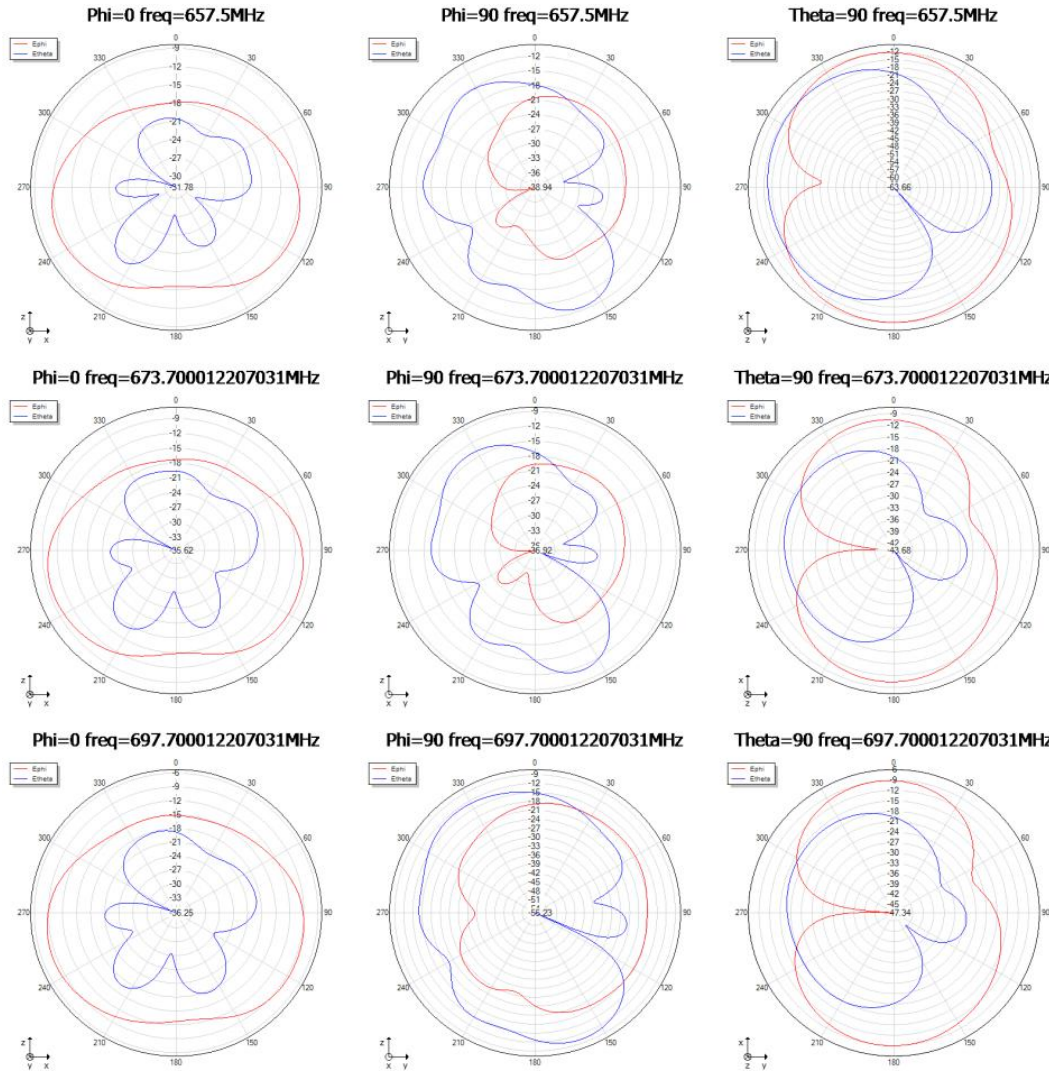
 Efficiency/gain testing

Frequency ID	1	2	3
Frequency (MHz)	863.0999756	864	864.9000244
Gain (dBi)	-3.46	-3.49	-3.58
Efficiency (dB)	-7.22	-7.30	-7.43
Efficiency (%)	18.97	18.62	18.09

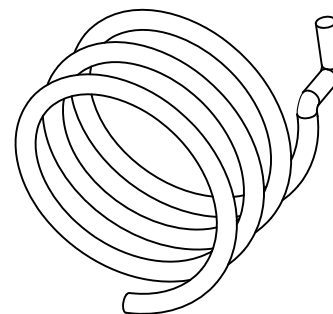
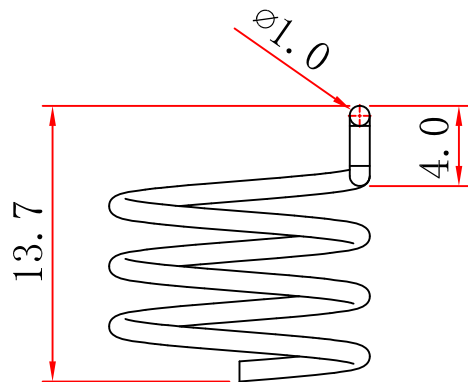
EU-TX Test

 Directional diagram

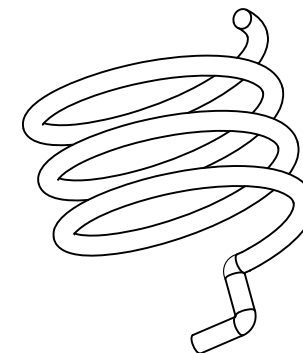
 apple diagram



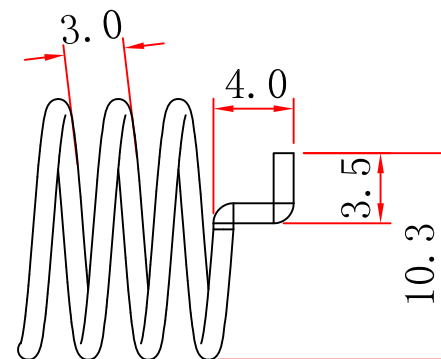
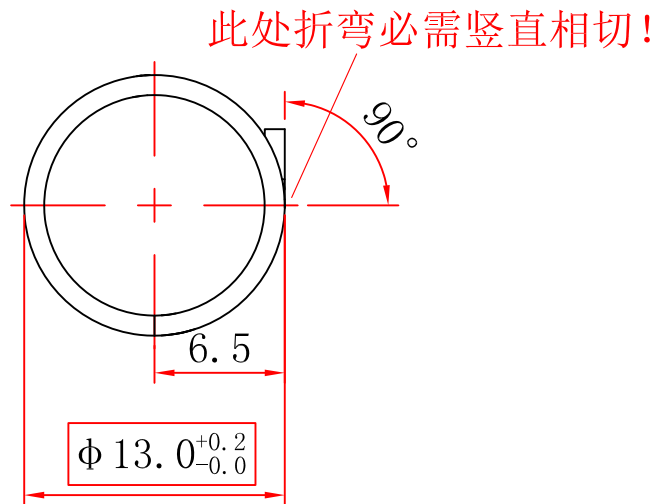
受控文件



前侧视图



后侧视图



红框内为重要尺寸!

美国版TX: 1.0.18.9000500

除非另有说明, 否则公差按下表:			天线弹簧			AROMA [®] 惠州市阿诺玛科技有限公司 AROMA TECHNOLOGY CO., LTD.					
尺寸标注	公差										
	长度	角度	产品型号	ARC2R-接收端	材料/材质	黄铜线	产品编号				
	<200	±0.05 ±0.1°									
	200~500	±0.08 ±0.25°									
	500~800	±0.1									
>800	±0.2										
设计	郎刚涛		日期	2025-03-26		文件编号	AROMA-RD-JG-01		料号		
审核	李承龙		版本	A0	比例	1:1		单位	mm	图幅	A4
批准	易华		第三角度投影					第 2 张 共 2 张			