

Shenzhen Saiwei Communication Technology Co., LTD

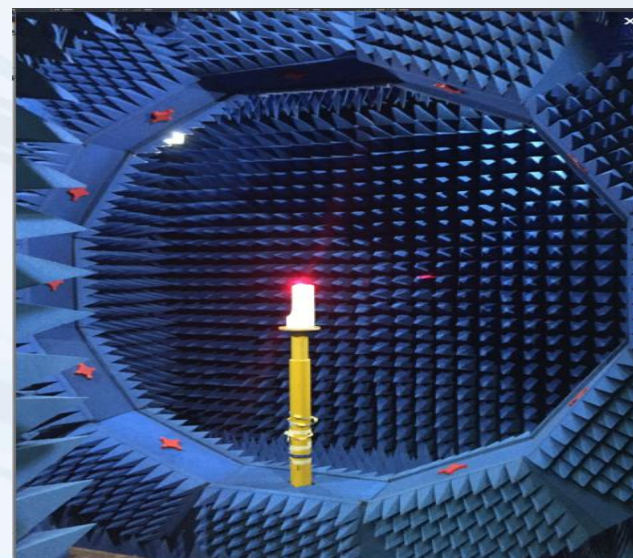
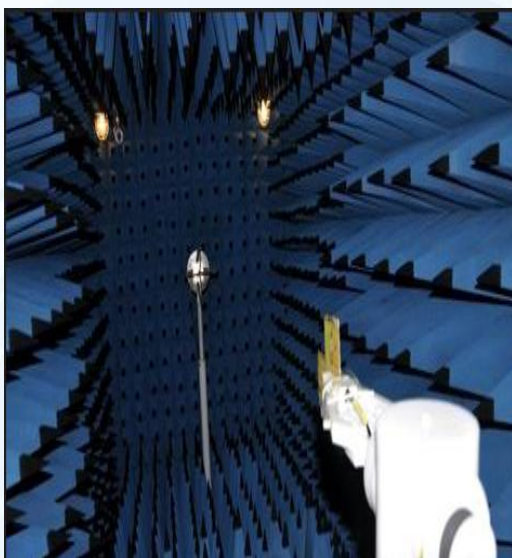
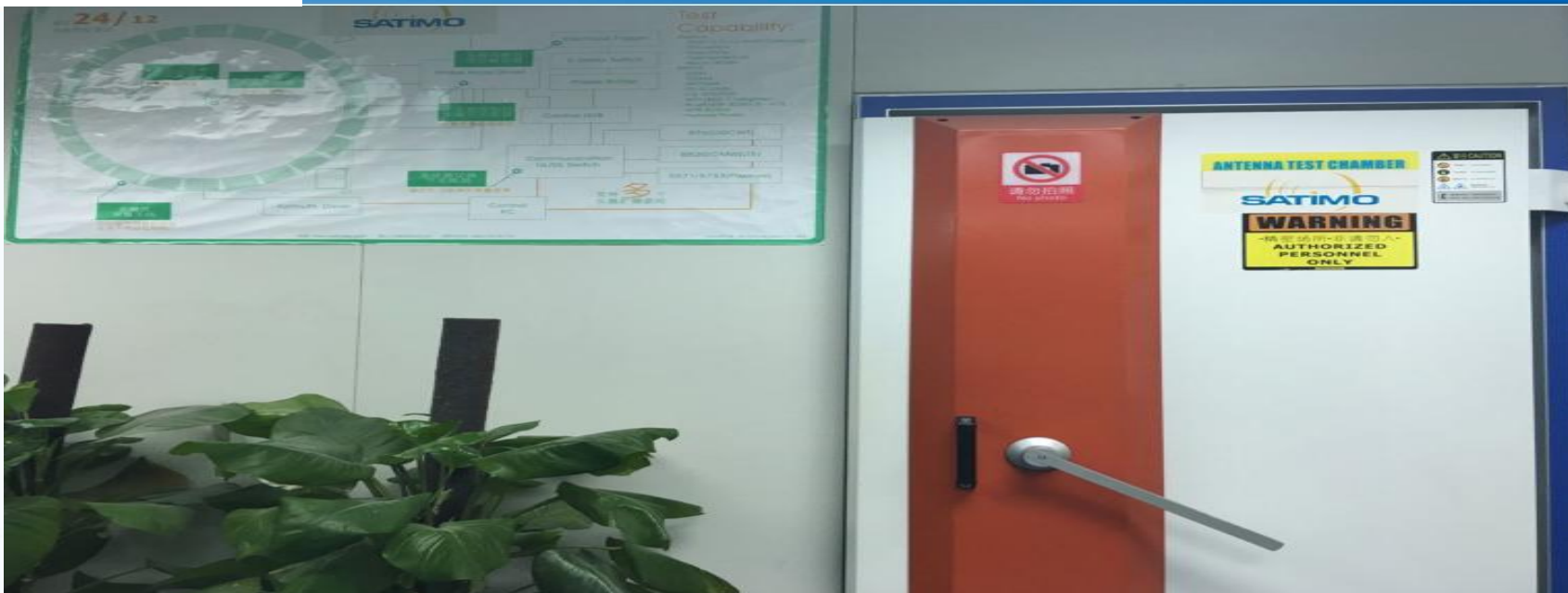
Antenna test report

customer name: JinHongda
project name: 3310
report time: 20250417

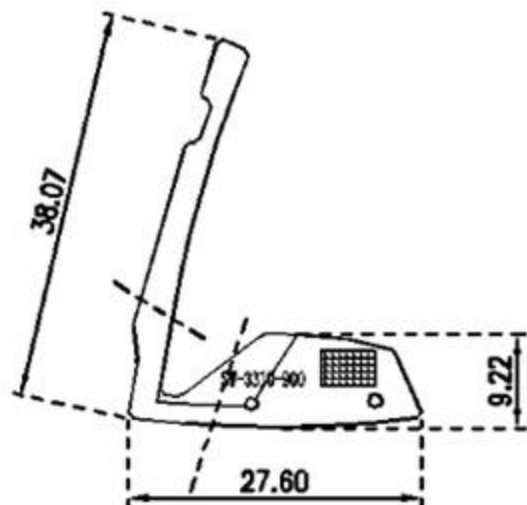
Sevvy!-Sevvy is faraway and etemal!

- △ Project Debugging Introduction
- △ Report version summary
- △ Test environment
- △ Main antenna anechoic chamber data
- △ Additional explanation

Version	Date	Content overview
V1	20250417	Data Report



2G	Channel	MAX (dBm)	MAX (dBm)	GAIN (dbi)
850	128	24.5		0.4
	192	25.6		
	251	25.7	-103.2	
900	1	27.8		0.9
	62	28.1		
	124	28.6	-102.1	
1800	512	29.3		1.2
	698	30.5		
	885	30.7	-104.4	
1900	512	30.1		1.1
	661	29.7		
	810	28.8	-104.3	



注:

- 1、背胶采用3M 9471 300LSE, 粘性在300MP以上, 背胶外形与基材一致, 覆在基材背面, 背胶越丰满;
- 2、材料单面胶, 半对半基材, 柔性要好;
- 3、产品覆油后段180°折弯表面无裂痕现象, 柔性要好;
- 4、金手指表面镀0.5"2u", 不可有氧化现象, 以铜箔相接处, 经180°折弯之后无裂痕、不导通现象;
- 5、走线及孔精度公差范围: $\pm 0.03\text{mm}$, 外形尺寸公差控制在0.1mm以内;
- 6、打★号为严格控制尺寸, 标有*为重点尺寸, 未标注尺寸按GD电子图档1:1量取;
- 7、表面印字, 具体内容及位置见图;
- 8、所来非膜样, 需要切割好外形之后, 在送样到我司。



模切区



线路区

离型纸手撕位

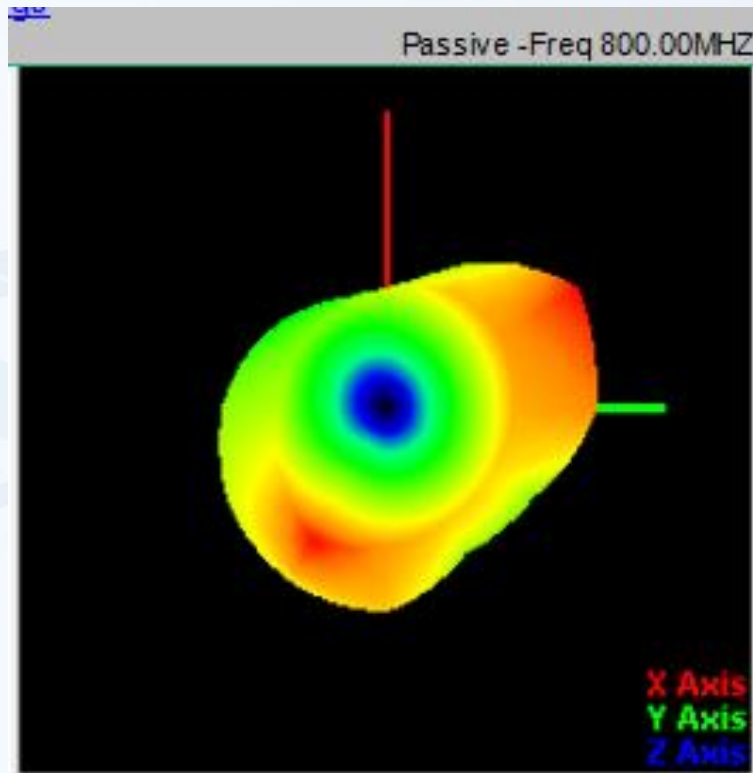
V.1
V.2
V.3
V.4
V.5
V.6

深圳市赛维通讯科技有限公司

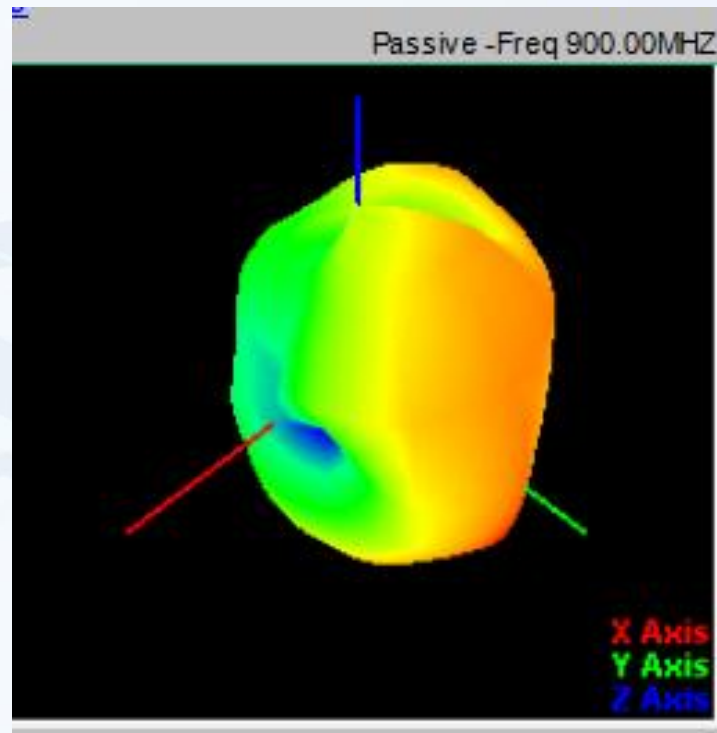
第三角法			料 种	3310-900	日期	2025-4-18	绘图	陈健	页码	1 of 2
0~10	±0.10	○	0.02	品 名	43M天线	结构	设计	审核	批准	
10~20	±0.12	●	0.03	料 号	SW10-3310-900-7					
20~40	±0.15	⊥	0.02	材 质	FPC+3M471					
40~	±0.20	∠	0.04	模压处理		封膜				
		∠	0.02	外观处理						
单位			mm	比例	1:1	版本	REV:A			

No.	Layer	Description (Thickness)	Manufacturer A/P/N
1	背 胶	300LSEMP (12 μm)	九江福来克
2	基 材	KIM-600F NEG3 (10 μm)	贝力
3	印 油	Ca (20) <18 μm *PI <12.5 μm	凯德

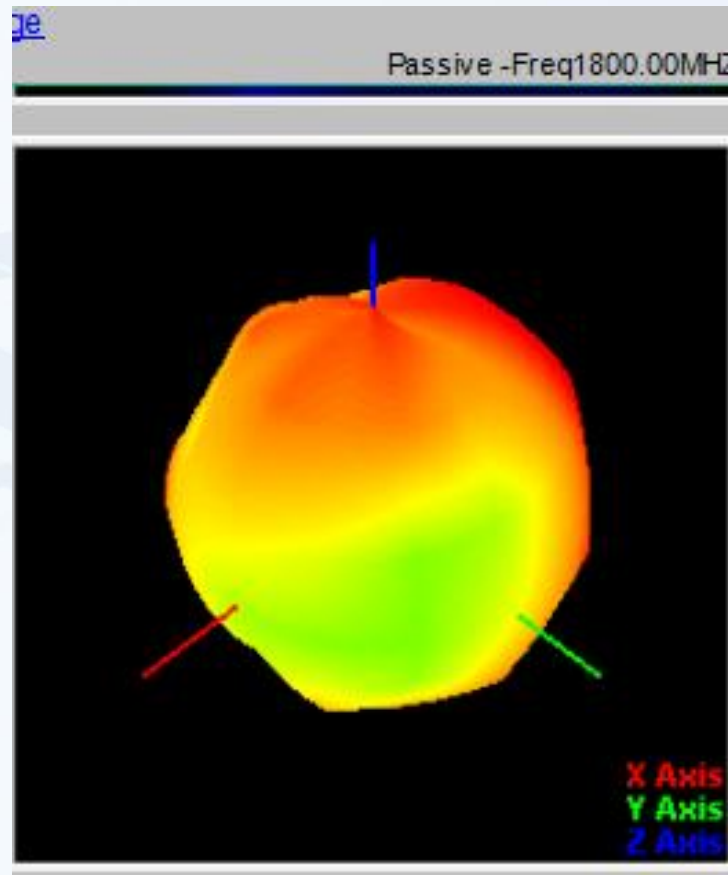
Main antenna apple diagramApple chart



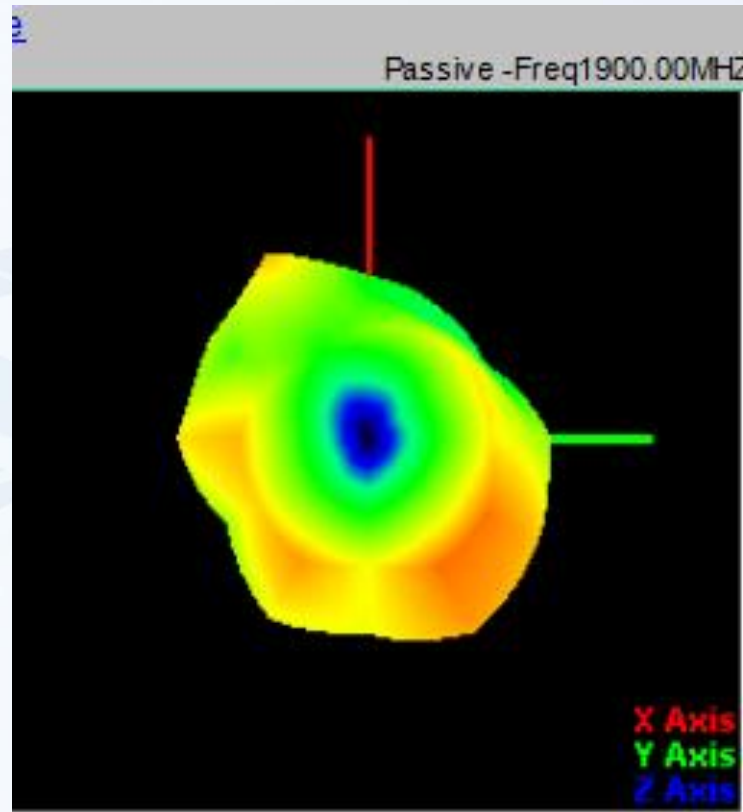
Main antenna apple diagramApple chart



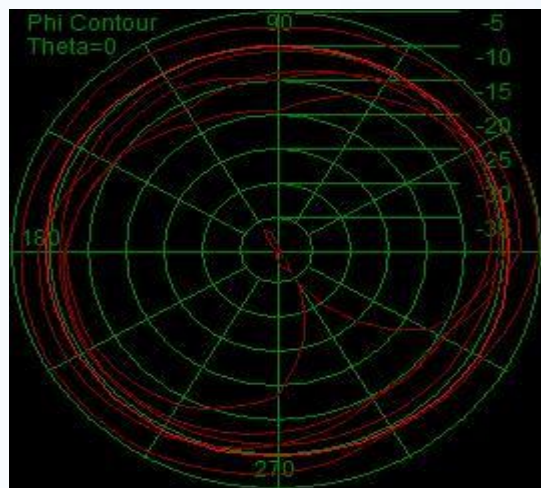
Main antenna apple diagramApple chart



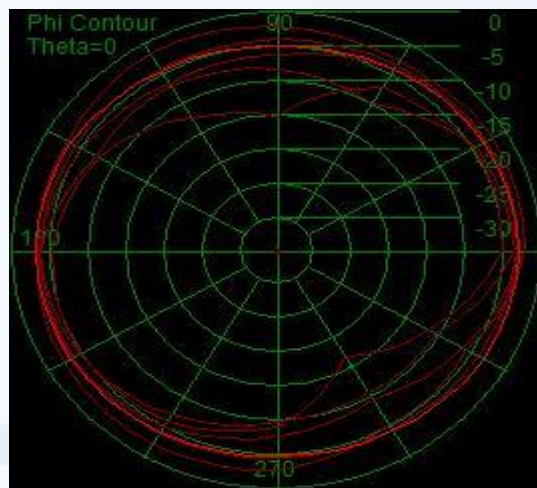
Main antenna apple diagramApple chart



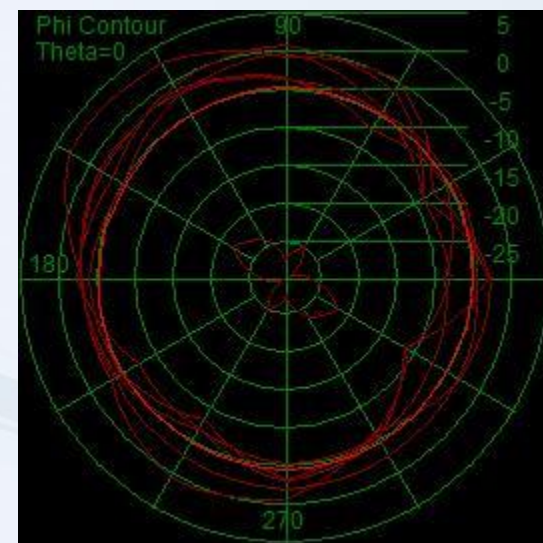
850



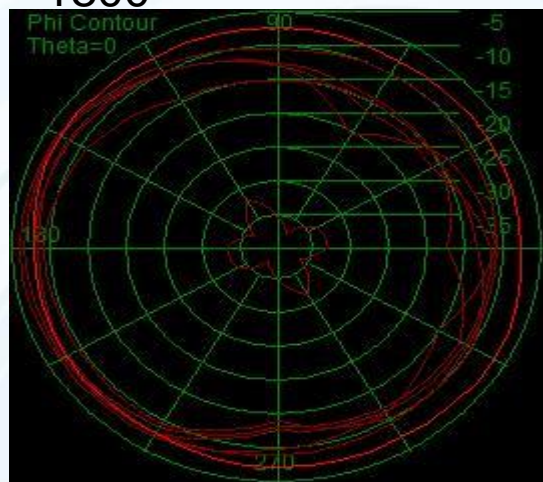
900



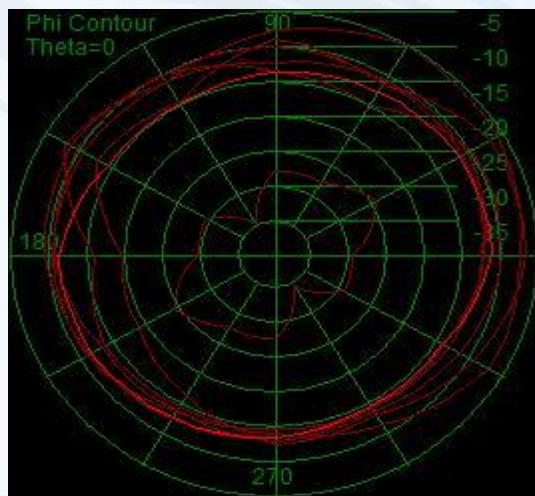
BT



1800



1900



BT

Freq. (MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Gain	-2.75	-2.76	-2.70	-2.56	-2.46	-1.99	-1.80	-1.90	-1.92	-2.00	-1.93
Effi (%)	14.7	14.7	14.8	14.5	14.8	15.7	15.2	15.9	15.2	15.8	16.8



Please carefully confirm whether the matching circuit mentioned in the report has been modified and whether the environmental processing has been imported, as this will directly affect the antenna performance.



The parameters provided in this report are only those given by the client for the debugging of our prototype machine and do not represent the final mass production status of your project.



Should your company have the latest prototype or updated status (material change, software update, environmental processing change, etc.), please deliver it to our company for verification as soon as possible to confirm whether the antenna performance is affected.



Should your company need to send equipment for retesting to a third party or for testing by a client, please **务必** entrust the testing confirmation to our company. This is because factors such as the consistency of the motherboard, the uniformity of assembly, and differences in antenna assembly can all potentially lead to deviations in antenna parameters.

THANKS!

