

BT Antenna Test Report



Customer	千岸Shenzhen Thousandshores Technology Co., Ltd
Project	SP291B
Product Description	PCBA ANT

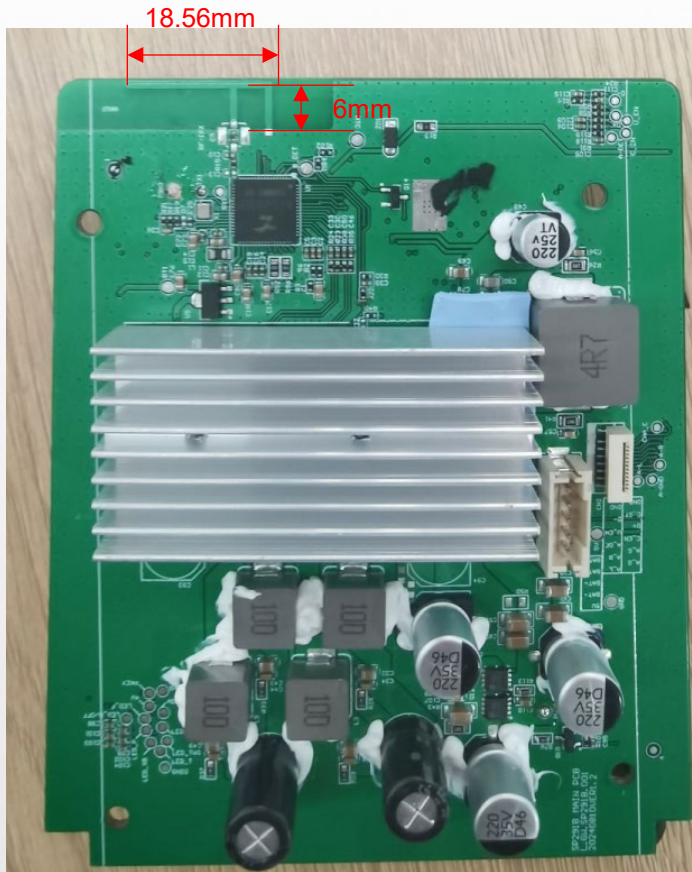
Report Date	2024.10.21	Prepared by	Hao_li
Report Version	V6	Checked by	

I. Test Condition

II. Test Result

III. Conclusion

I. Test Condition



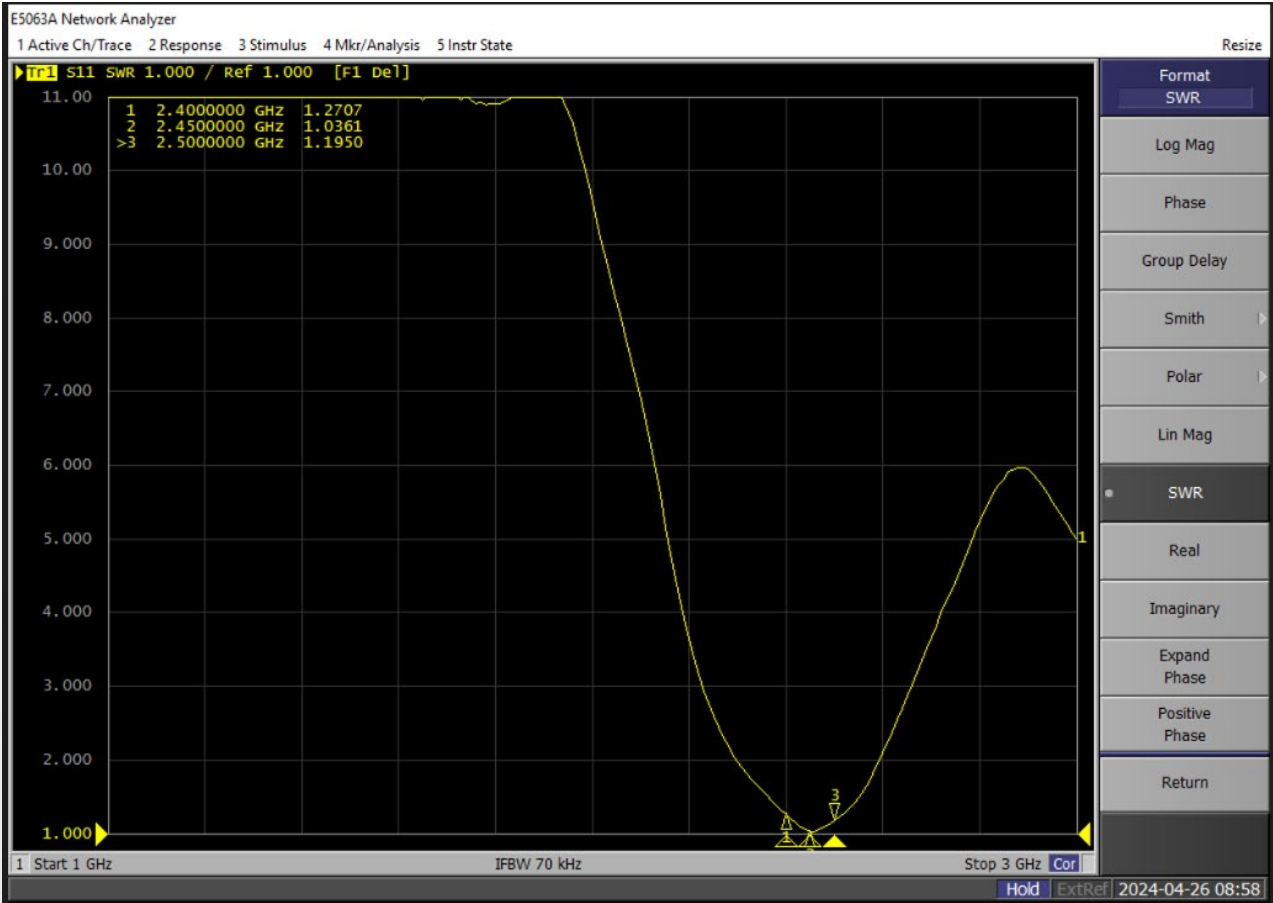
Antenna size :18.56mm*6mm

Antenna supplier: Shenzhen Swetz Sound Technology Co.,Limited

Company address: No.19, Jianlong Street, Baoan Community, Yuanshan, Longgang District, Shenzhen, Guangdong, China

II. Test Result

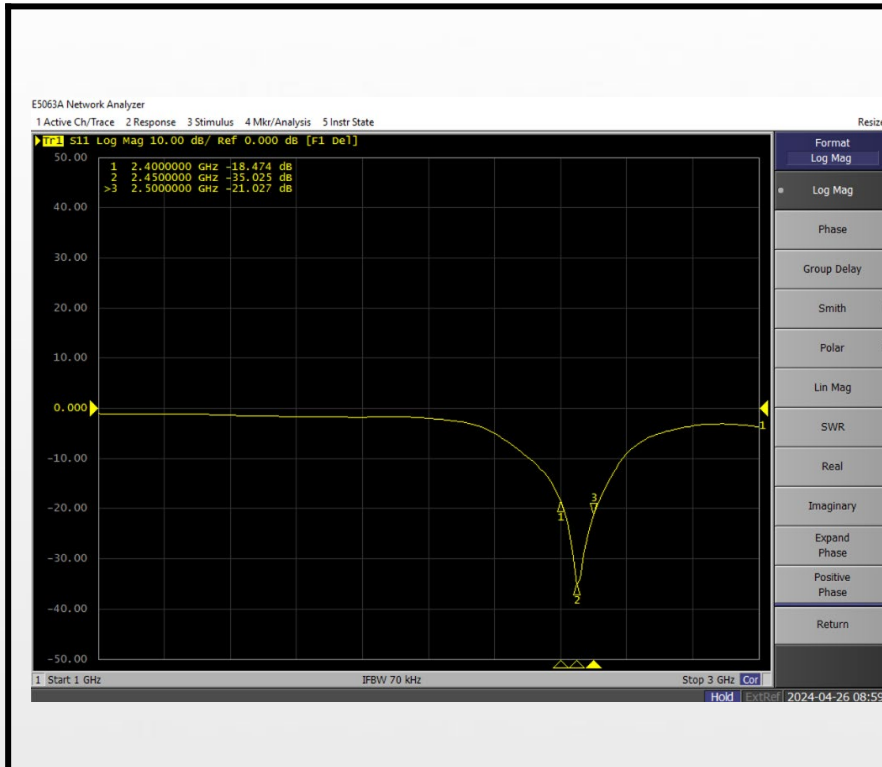
2.1 Antenna VSWR



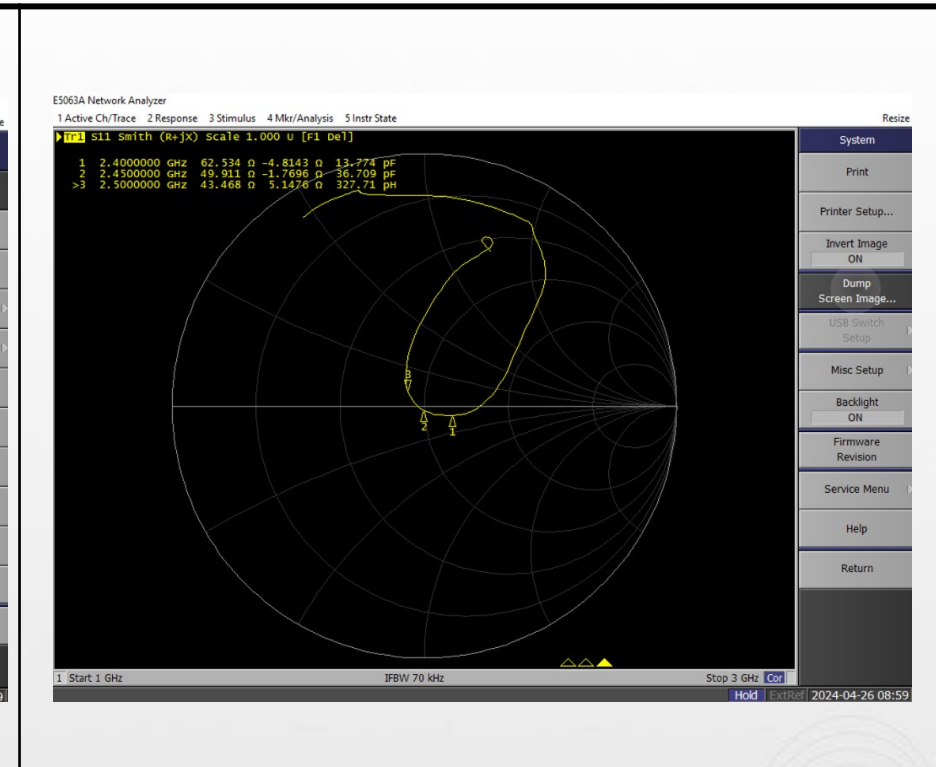
Frequency (MHz)	2400	2450	2500
VSWR	1.27	1.03	1.19

II. Test Result

2.1. Antenna S-Parameter



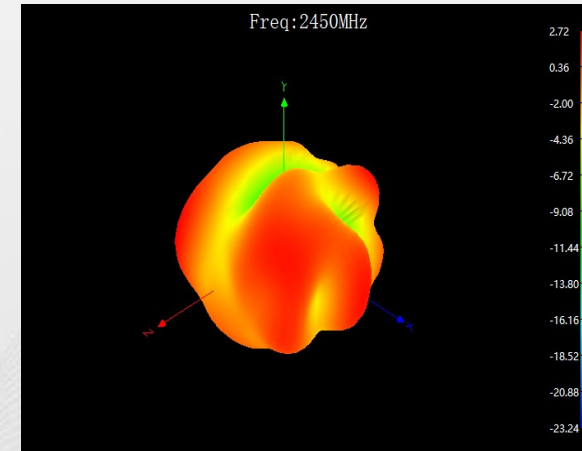
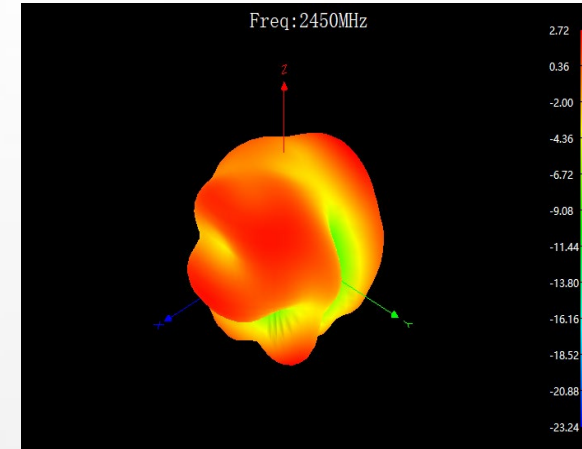
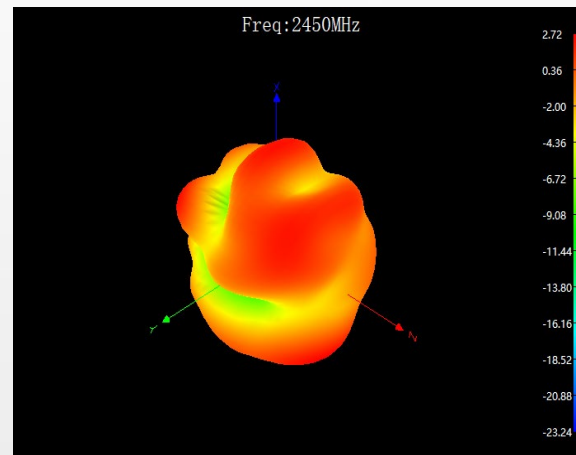
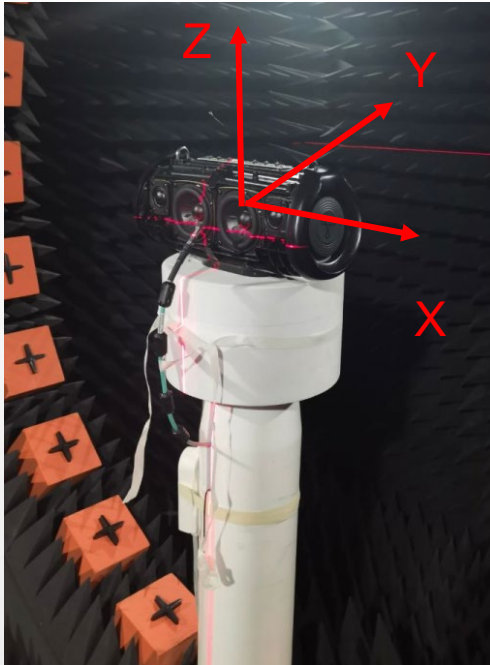
Return loss



Smith-Chart

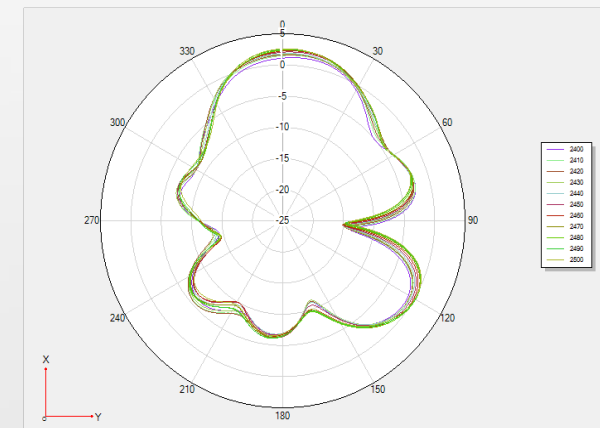
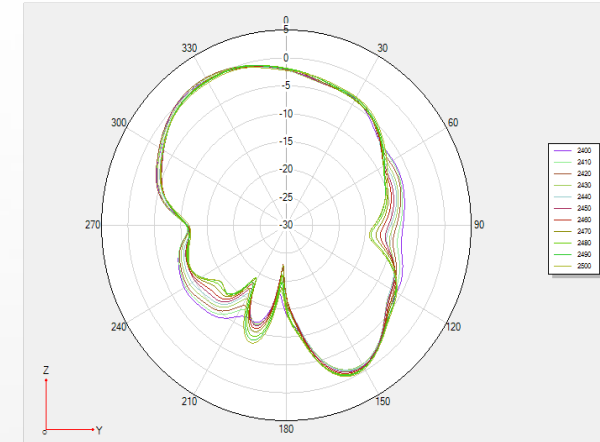
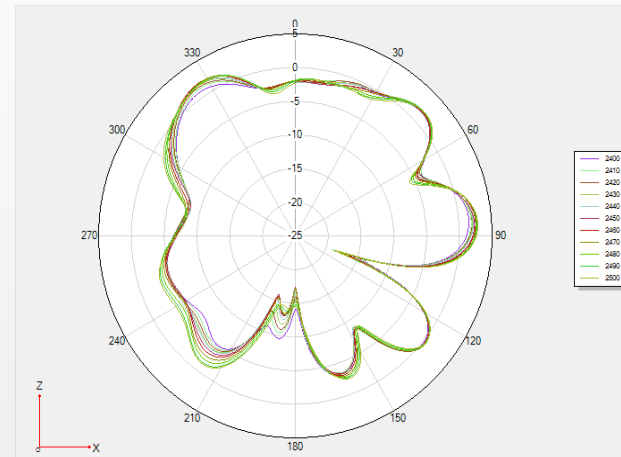
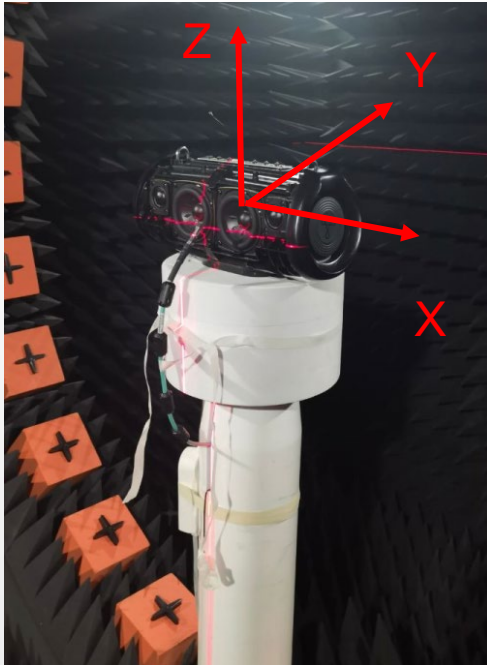
II. Test Result

2.2 3D Gain Pattern



II. Test Result

2.2 2D Gain Pattern



2.3 Efficiency And Peak Gain

Frequency (MHz)	Efficiency (%)	Peak Gain (dBi)
2400	55.46	2.48
2420	56.12	2.69
2440	57.68	2.51
2450	58.61	2.72
2460	57.38	2.67
2480	57.28	2.34
2500	56.08	2.26



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The End