

BT Antenna Test Report



Customer	倍思
Project	SP299B
Product Description	

Report Date	2024.7.26	Prepared by	Hao_li
Report Version	V4	Checked by	

Introduction

I. Test Condition

II. Test Result

III. Conclusion



Antenna



Antenna brand: 奇力新

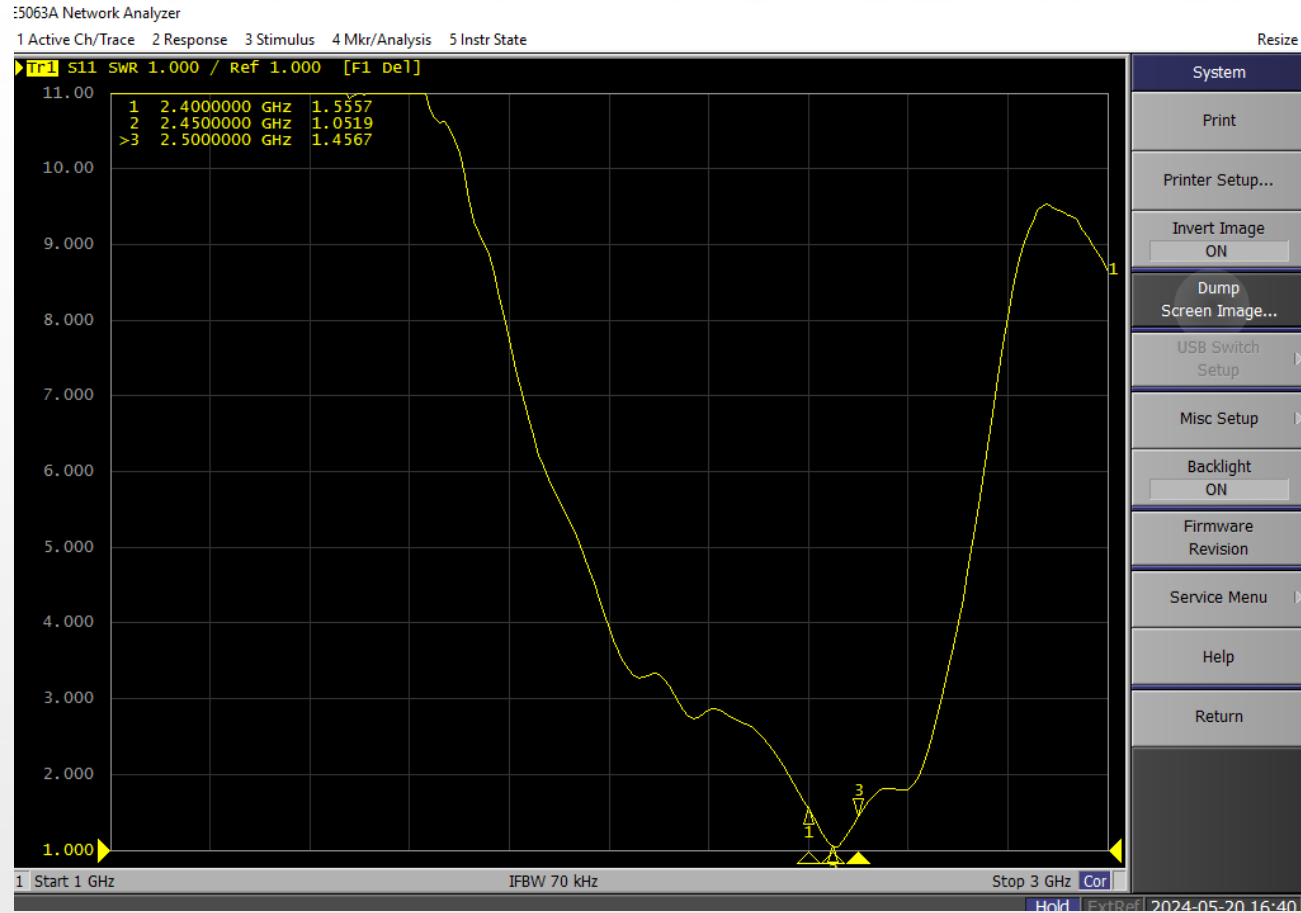
Antenna type: BTCA00321608002G4E

Antenna size :3.2mm*1.6mm

Antenna supplier: Shenzhen Hengli Yongtong Electronics Co., LTD

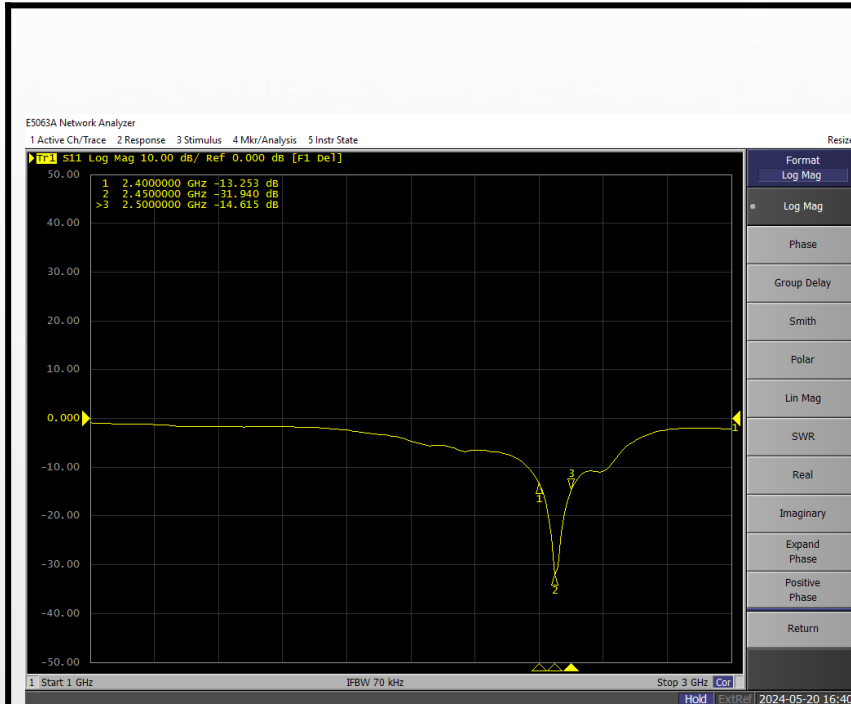
II. Test Result

2.1 Antenna VSWR

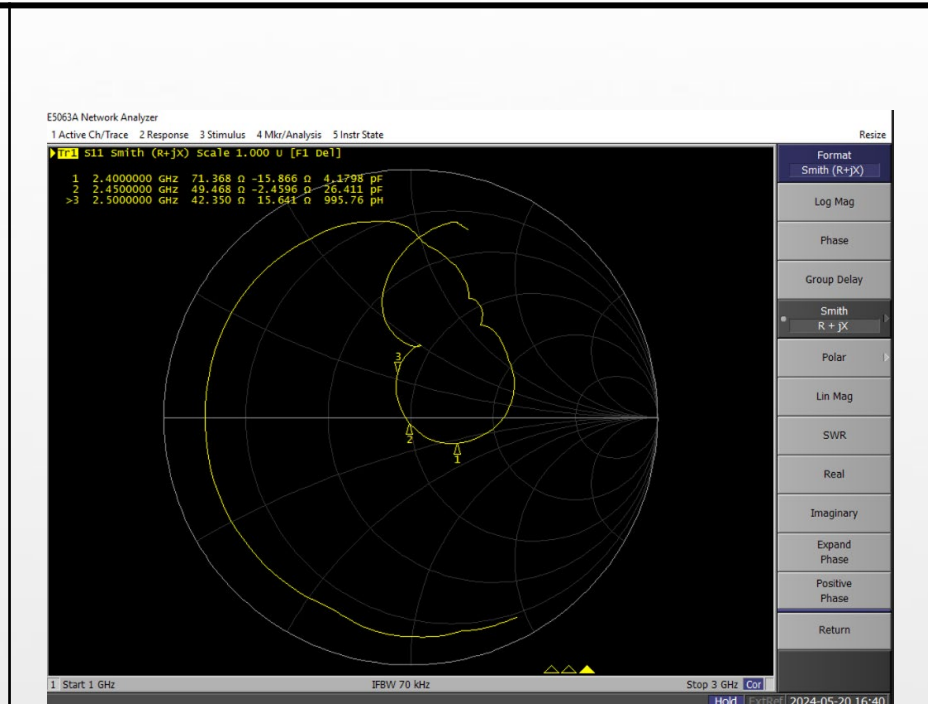


Frequency (MHz)	2400	2450	2500
VSWR	1.55	1.05	1.45

2.1. Antenna S-Parameter

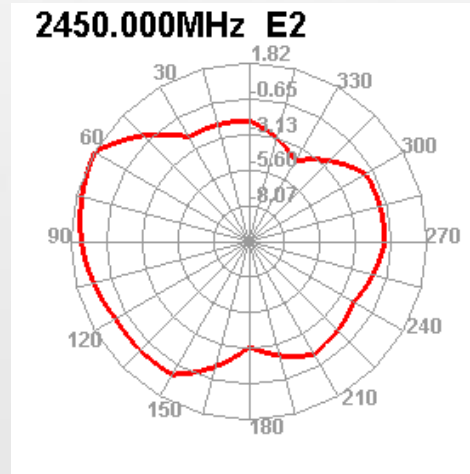
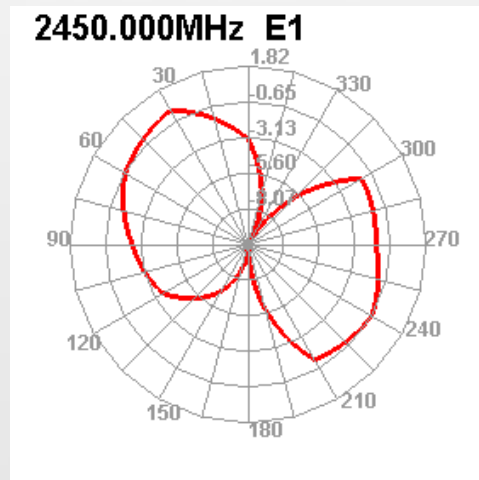
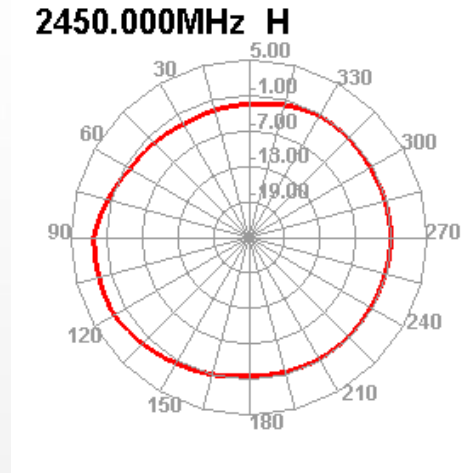
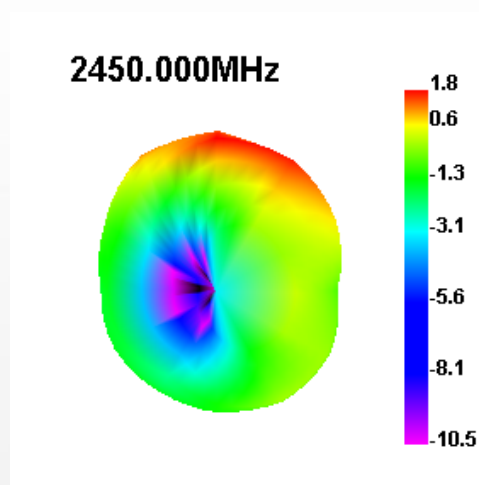


Return loss



Smith-Chart

2.2 3D/2D Gain Pattern



2.3 Efficiency And Peak Gain

Frequency (MHz)	Efficiency (%)	Peak Gain (dBi)
2400	52.13	1.32
2420	53.21	1.54
2440	54.07	1.72
2450	55.36	1.82
2460	54.06	1.77
2480	53.95	1.53
2500	52.24	1.32



悦尔之声 连接世界

Connecting the world with Swetz Sound

The End