

BT Antenna Test Report



Customer	SKDY
Project	306
Product Description	

Report Date	2024.8.8	Prepared by	Hao_li
Report Version	V0	Checked by	

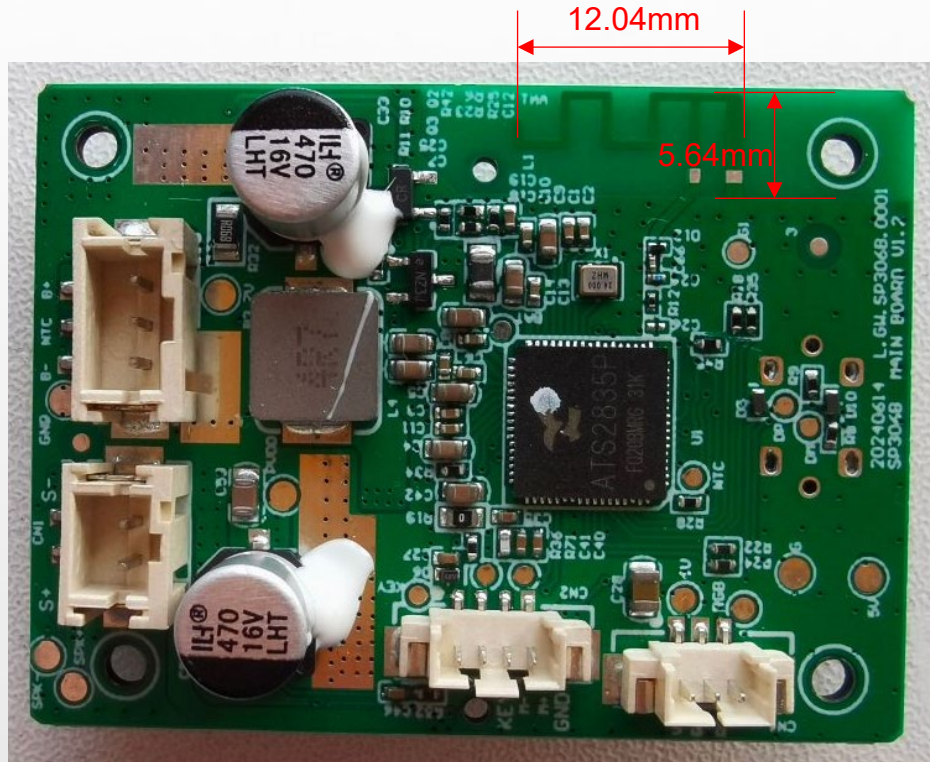
Introduction

I. Test Condition

II. Test Result



I. Test Condition

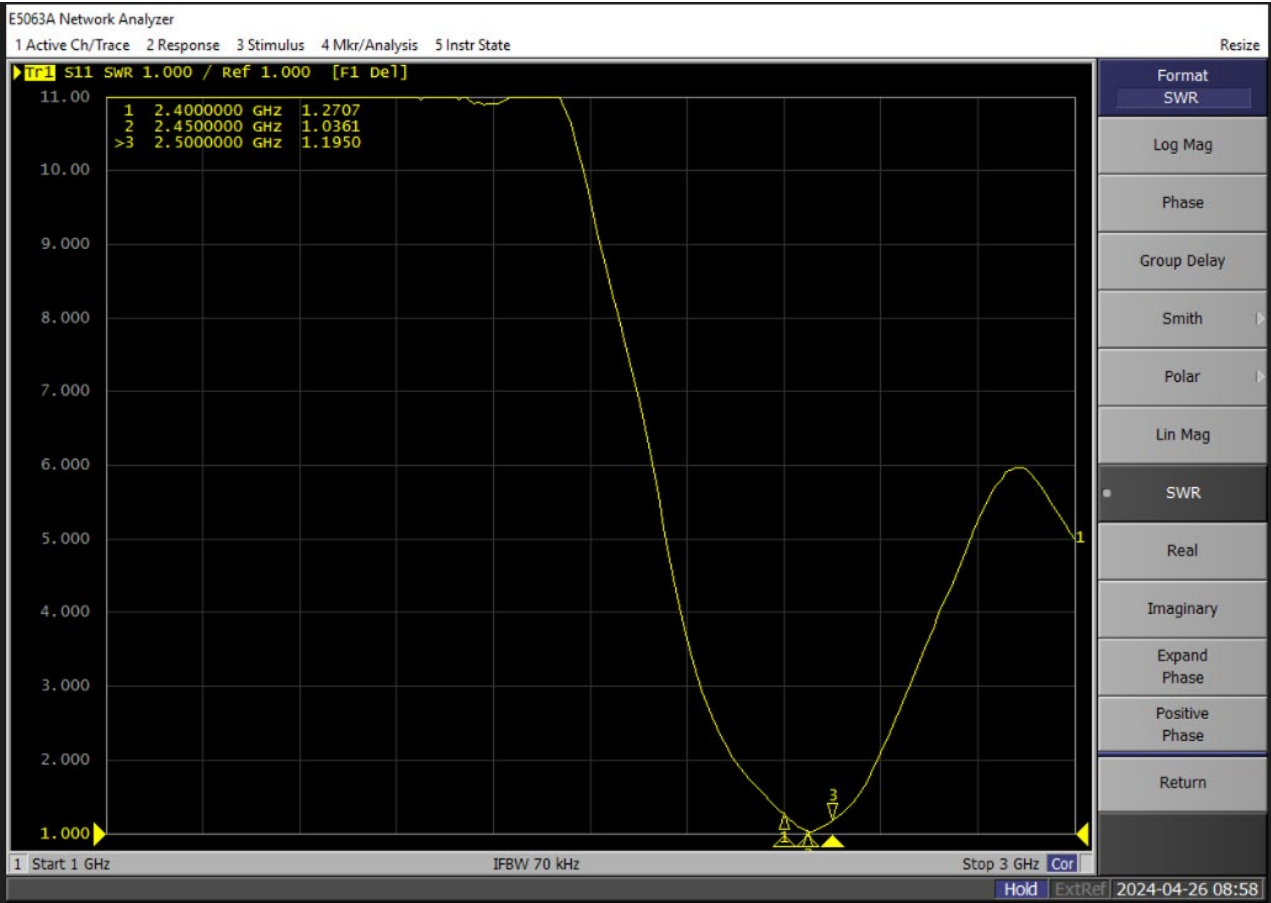


Antenna

Antenna size : 12.04mm*5.64mm
Antenna manufacturer: Shenzhen Swetz Sound Technology Co., Limited
Company address: No.19, Jianlong Street, Baoan Community, Yuanshan, Longgang District, Shenzhen, Guangdong, China

II. Test Result

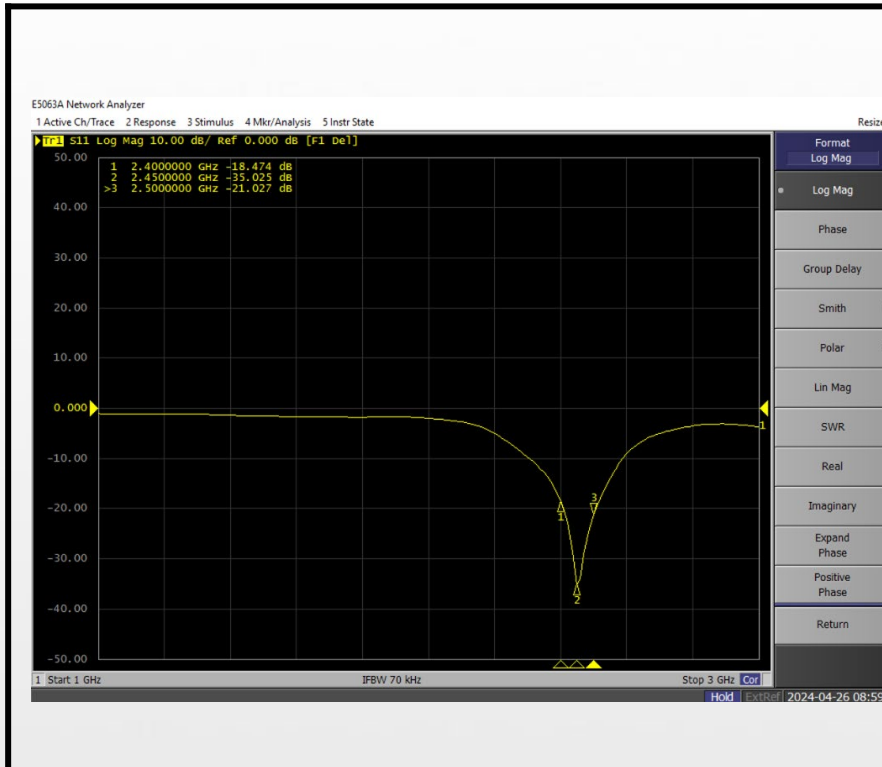
2.1 Antenna VSWR



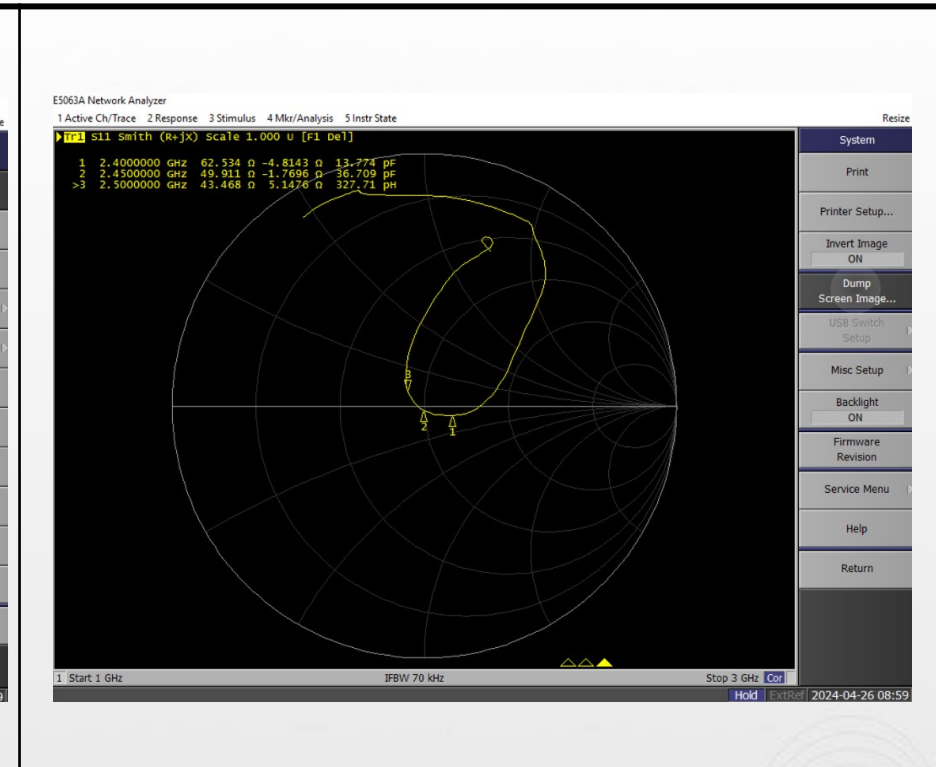
Frequency (MHz)	2400	2450	2500
VSWR	1.27	1.03	1.19

II. Test Result

2.1. Antenna S-Parameter

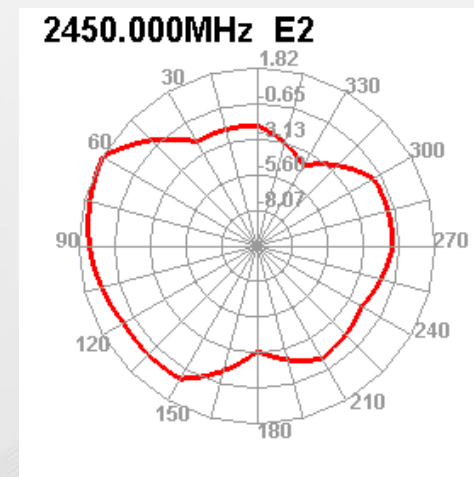
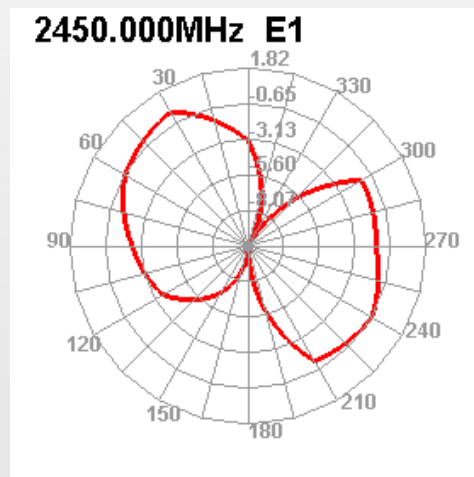
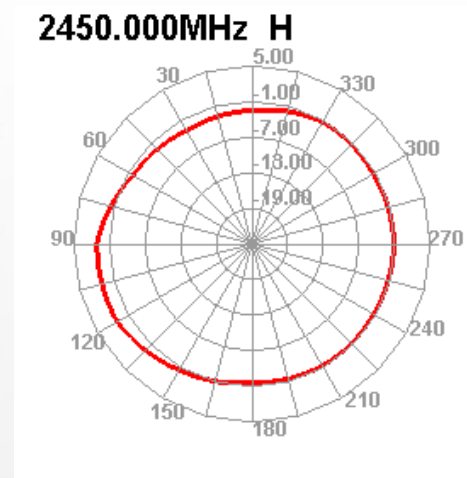
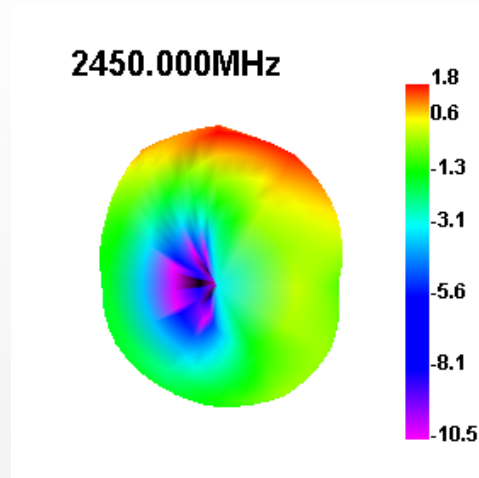


Return loss



Smith-Chart

2.2 3D/2D Gain Pattern



2.3 Efficiency And Peak Gain

Frequency (MHz)	Efficiency (%)	Peak Gain (dBi)
2400	56.13	1.32
2420	57.21	1.54
2440	58.07	1.72
2450	60.36	1.82
2460	58.06	1.77
2480	57.95	1.53
2500	56.24	1.32



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The End