

BT Antenna Test Report



Customer	SKDY
Project	308
Product Description	

Report Date	2024.8.8	Prepared by	Hao_li
Report Version	V0	Checked by	

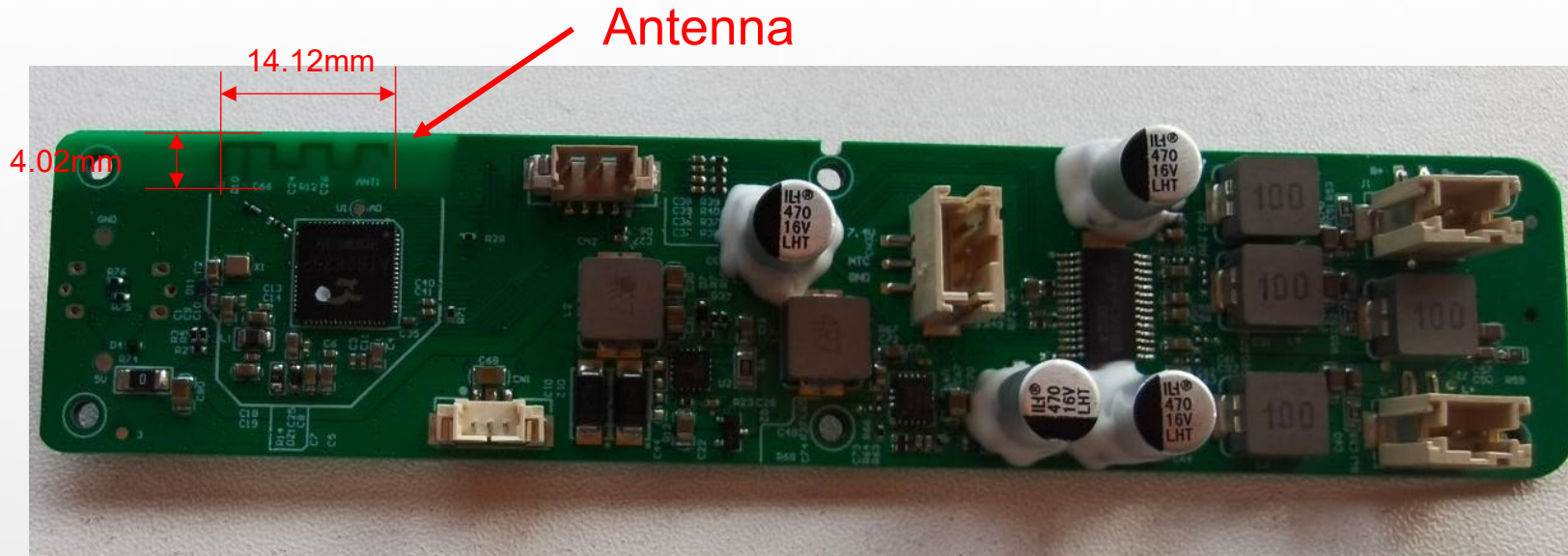
Introduction

I. Test Condition

II. Test Result



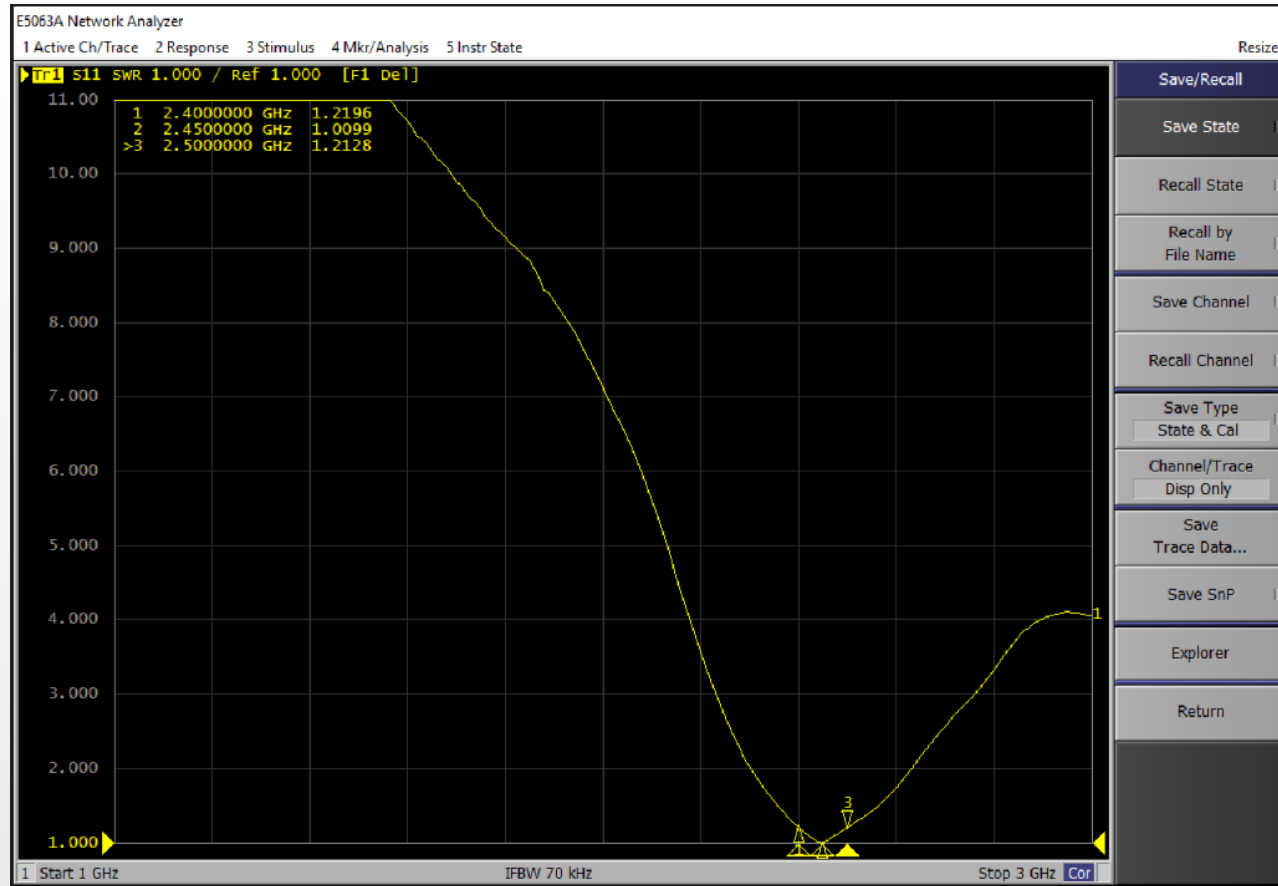
I. Test Condition



Antenna size :14.12mm*4.02mm
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

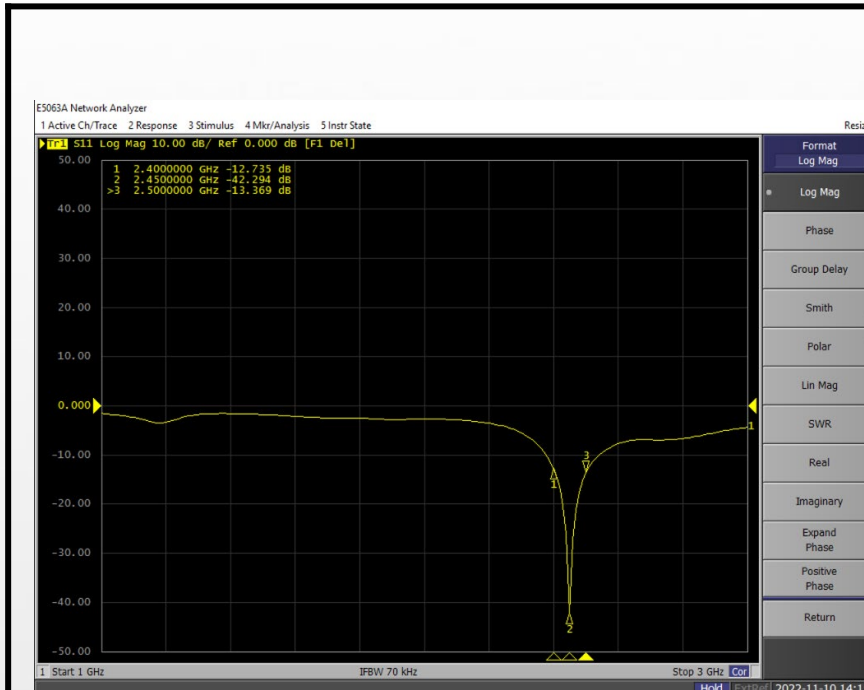
2.1 Antenna VSWR



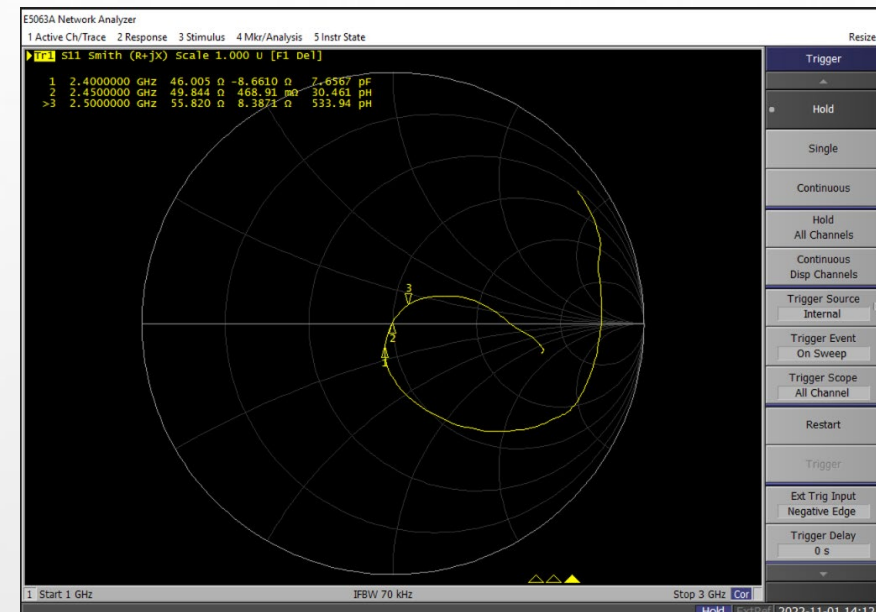
Frequency (MHz)	2400	2450	2500
VSWR	1.21	1.009	1.21

II. Test Result

2.1. Patch Antenna S-Parameter



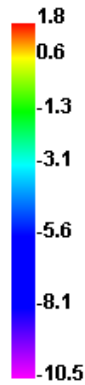
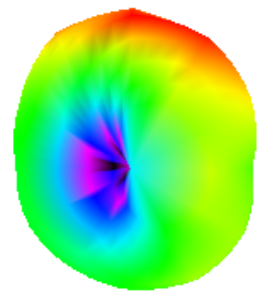
Return loss



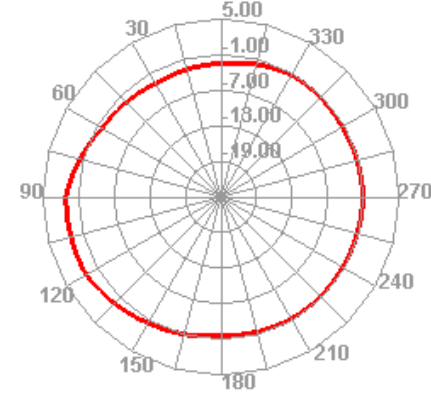
Smith-Chart

2.2 3D/2D Gain Pattern

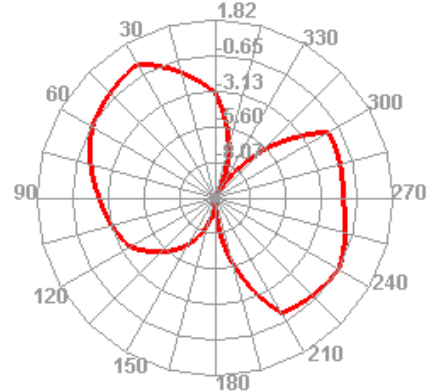
2450.000MHz



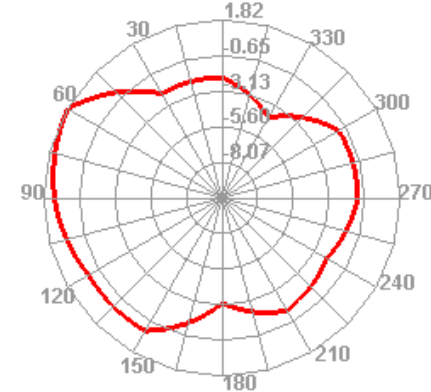
2450.000MHz H



2450.000MHz E1



2450.000MHz E2



2.3 Efficiency And Peak Gain

Frequency (MHz)	Efficiency (%)	Peak Gain (dBi)
2400	56.25	1.28
2420	57.28	1.64
2440	58.02	1.79
2450	58.34	1.82
2460	58.06	1.72
2480	57.19	1.59
2500	56.87	1.21



悦尔之声 连接世界

Connecting the world with Swetz Sound

The End