

BT Antenna Test Report



Customer	SKDY
Project	307
Product Description	

Report Date	2024.8.8	Prepared by	Hao_li
Report Version	V0	Checked by	

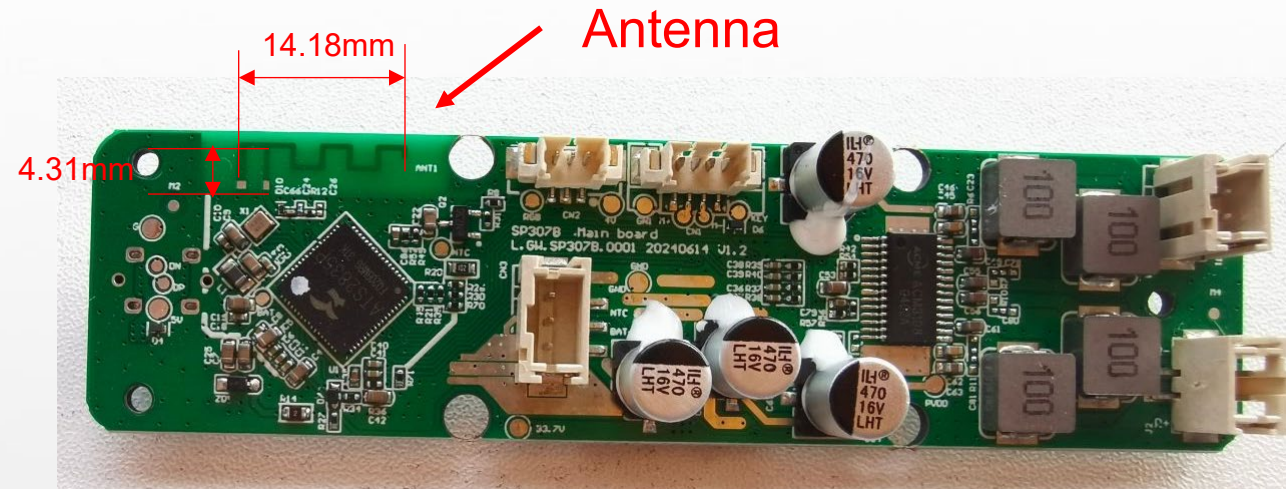
Introduction

I. Test Condition

II. Test Result



I. Test Condition



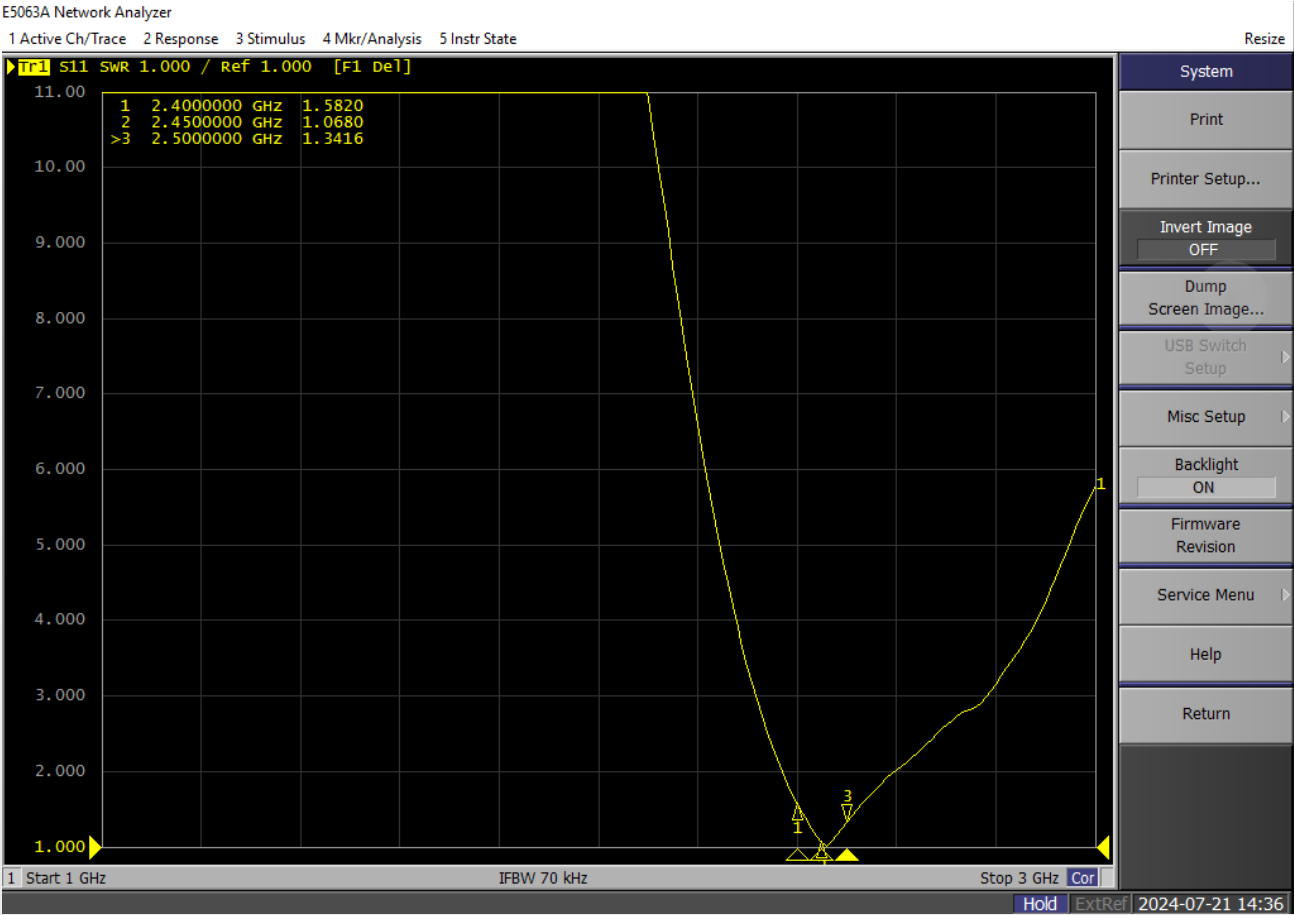
Antenna size :14.18mm*4.31mm

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

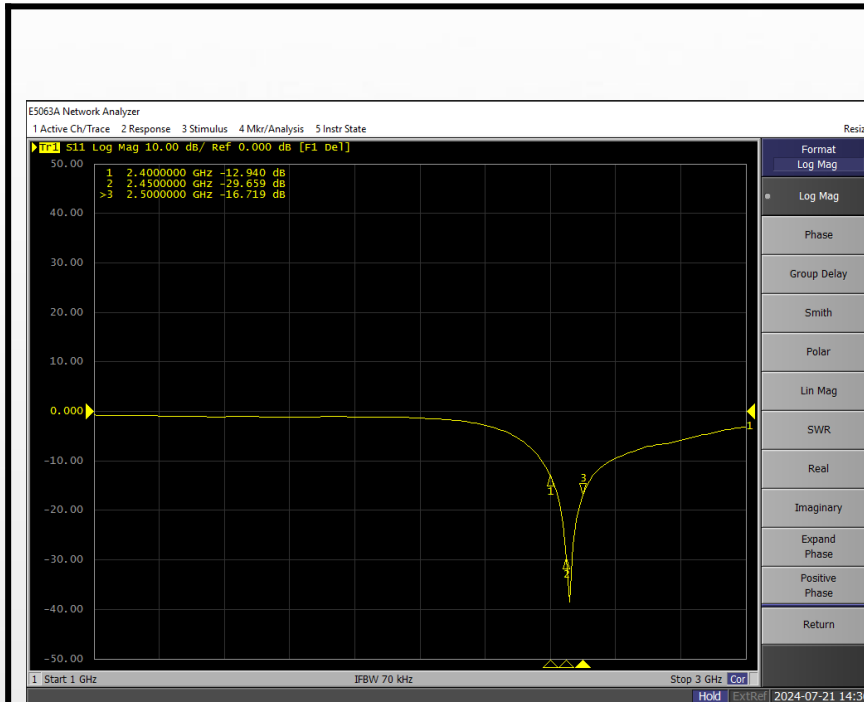
2.1 Antenna VSWR



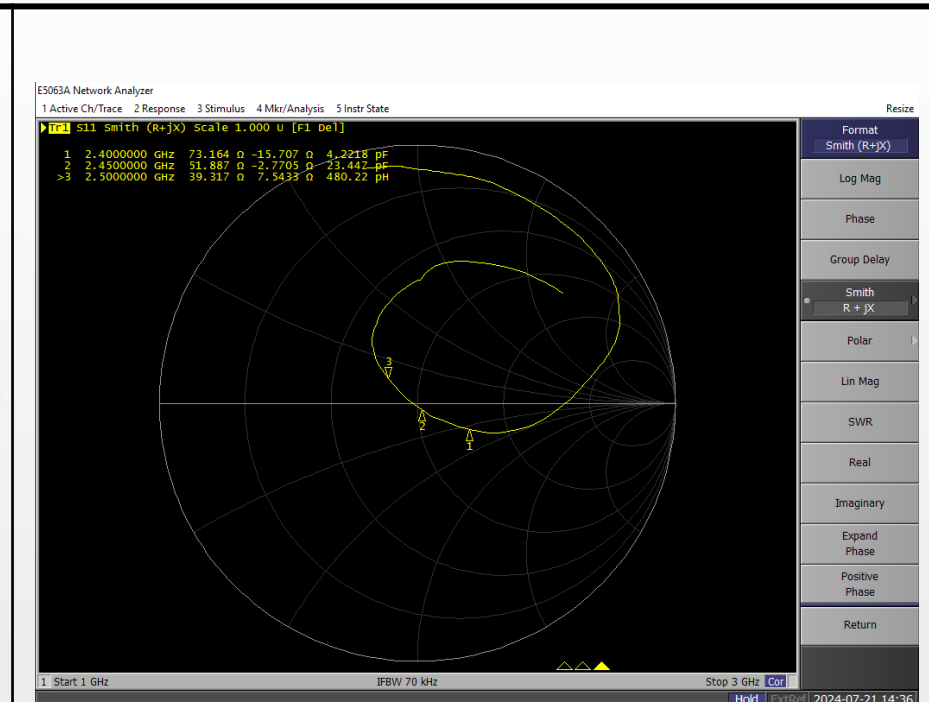
Frequency (MHz)	2400	2450	2500
VSWR	1.24	1.01	1.18

II. Test Result

2.1. Antenna S-Parameter

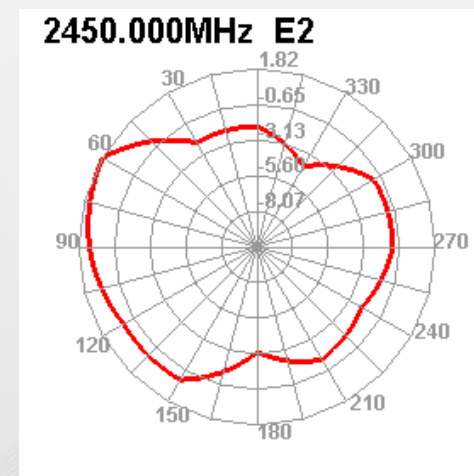
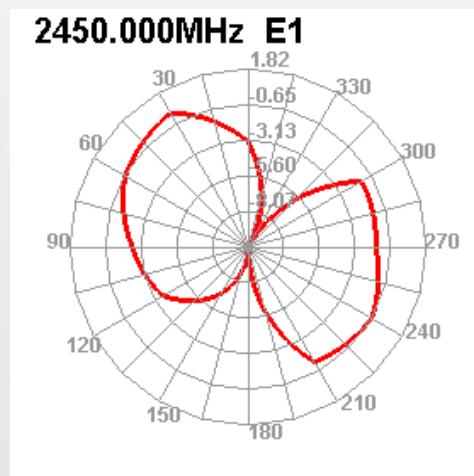
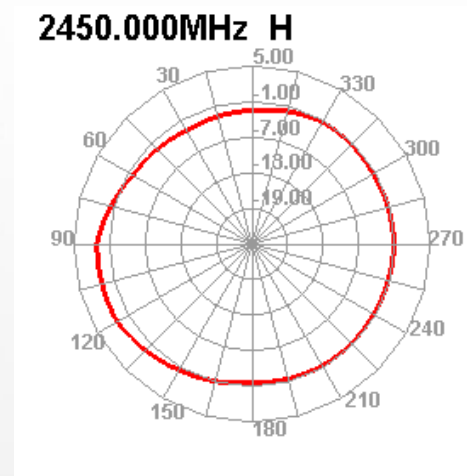
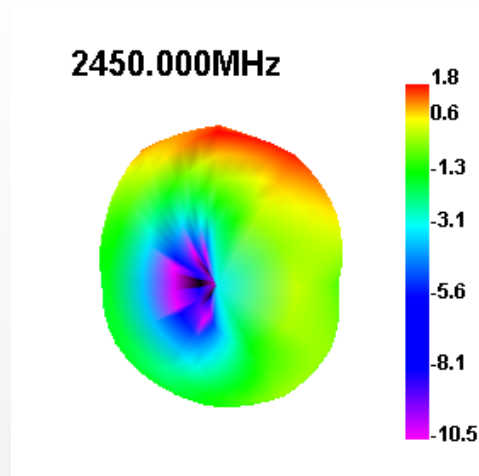


Return loss



Smith-Chart

2.2 3D/2D Gain Pattern



2.3 Efficiency And Peak Gain

Frequency (MHz)	Efficiency (%)	Peak Gain (dBi)
2400	55.22	1.39
2420	56.32	1.57
2440	57.07	1.72
2450	59.36	1.82
2460	58.12	1.79
2480	57.23	1.55
2500	56.87	1.47



悦尔之声 连接世界

Connecting the world with Swetz Sound

The End