

BT Antenna Test Report



Customer	TPV
Project	TPVS2000
Product Description	板载天线 PCB Antenna

Report Date	2025.7.22	Prepared by	Hao_li
Report Version	V1	Checked by	

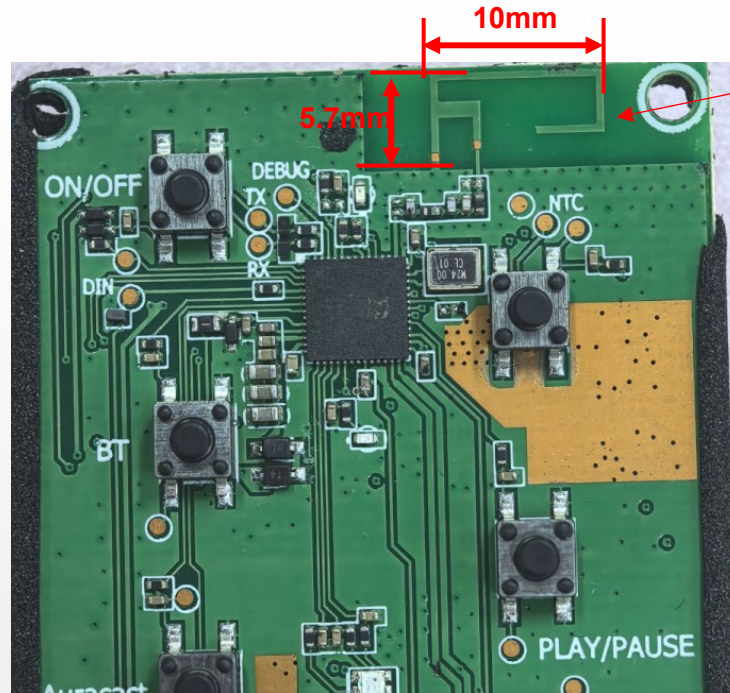
Introduction

I. Test Condition

II. Test Result



I. Test Condition



Antenna

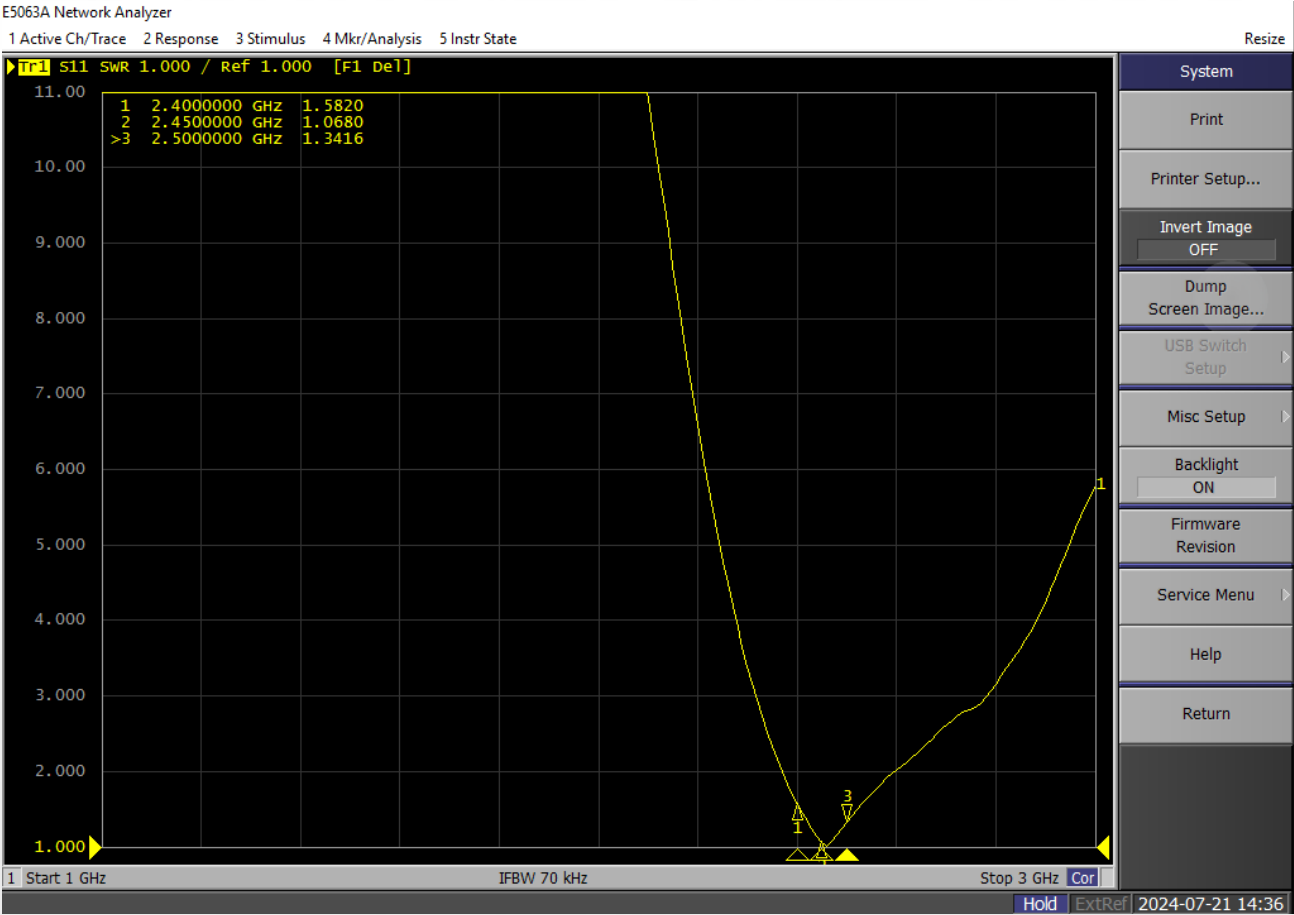
Antenna size :10mm*5.7mm

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

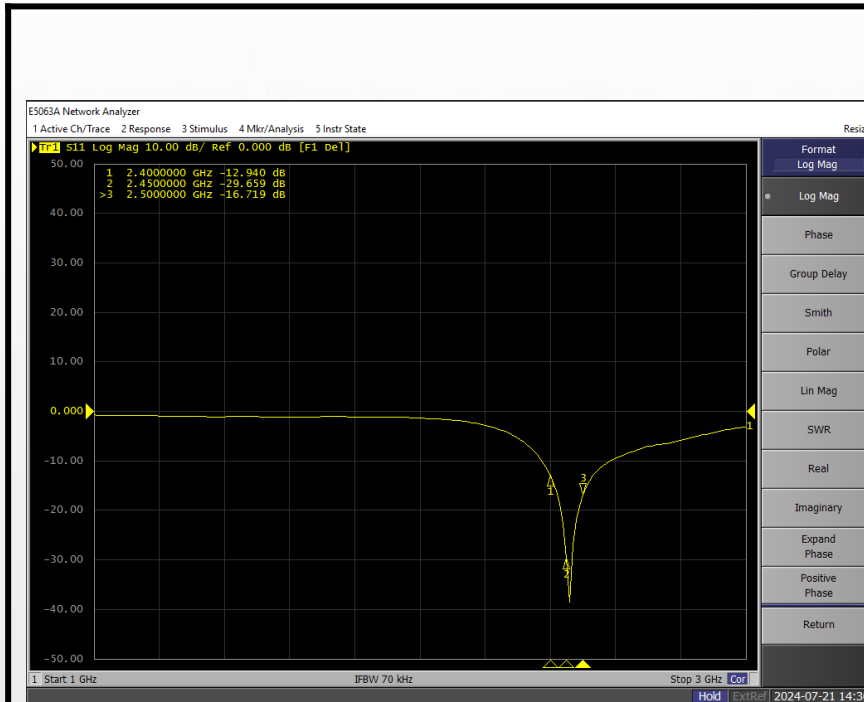
2.1 Antenna VSWR



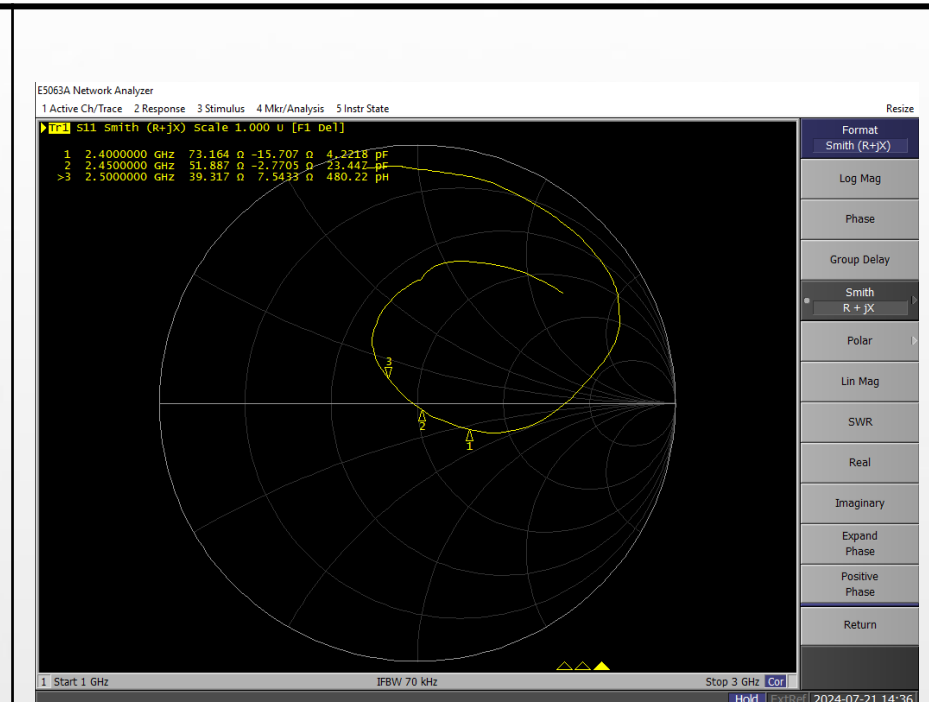
Frequency (MHz)	2400	2450	2500
VSWR	1.24	1.01	1.18

II. Test Result

2.1. Antenna S-Parameter

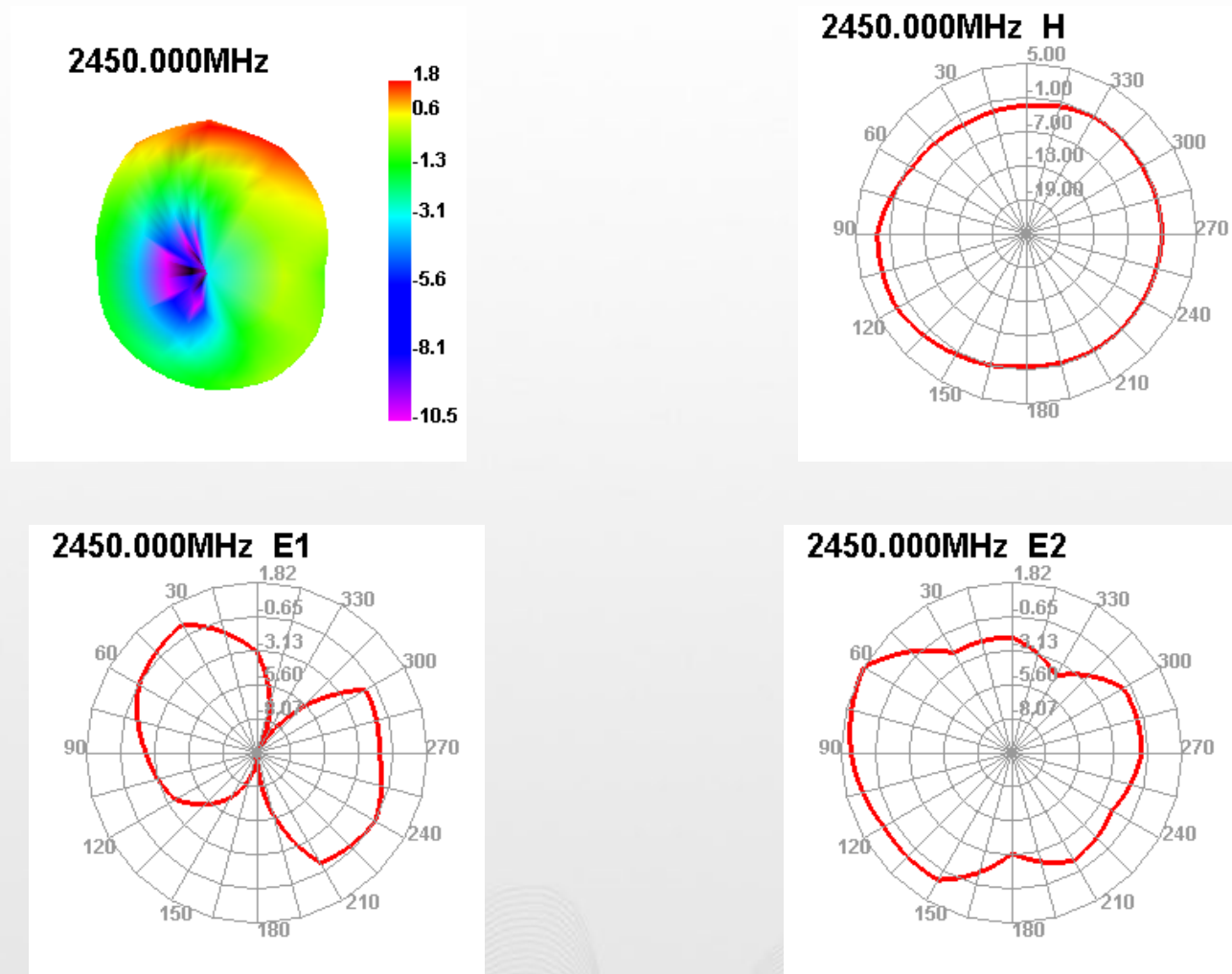


Return loss



Smith-Chart

2.2 2D/3D Gain Pattern



2.3 Efficiency And Peak Gain

Frequency (MHz)	Efficiency (%)	Peak Gain (dBi)
2400	34.55	0.62
2420	34.87	1.54
2440	35.17	1.72
2450	36.36	1.81
2460	35.72	1.77
2480	35.36	1.53
2500	34.08	1.32



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The End