

Antenna Specification



Customer	
Project	SP242B
Product Description	PCB Antenna

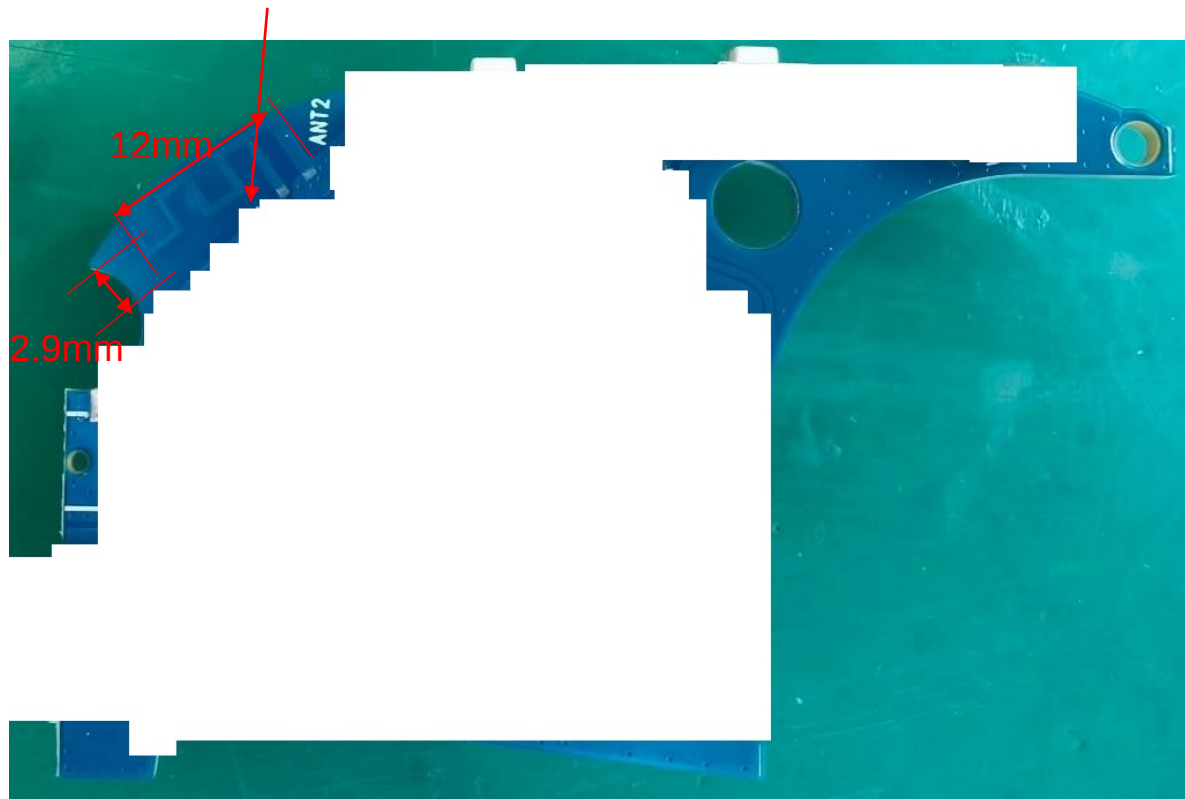
Report Date	2023.7.13	Prepared by	Hao_li
Report Version	V0	Checked by	

Introduction

I. Test Condition

II. Test Result

Antenna



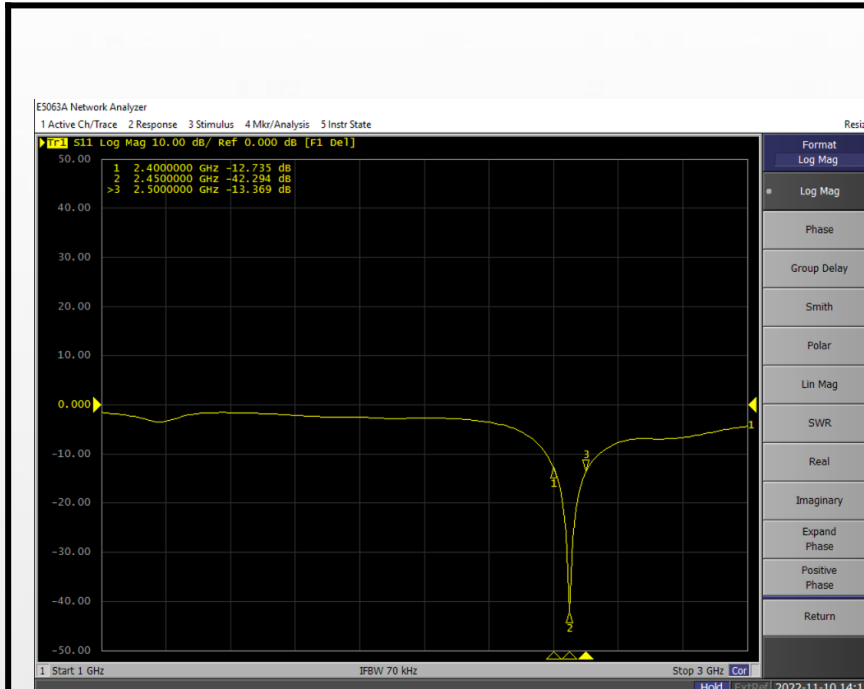
size :12mm*2.9mm

Manufacturer: Shenzhen Swetz Sound
Technology Co., Limited

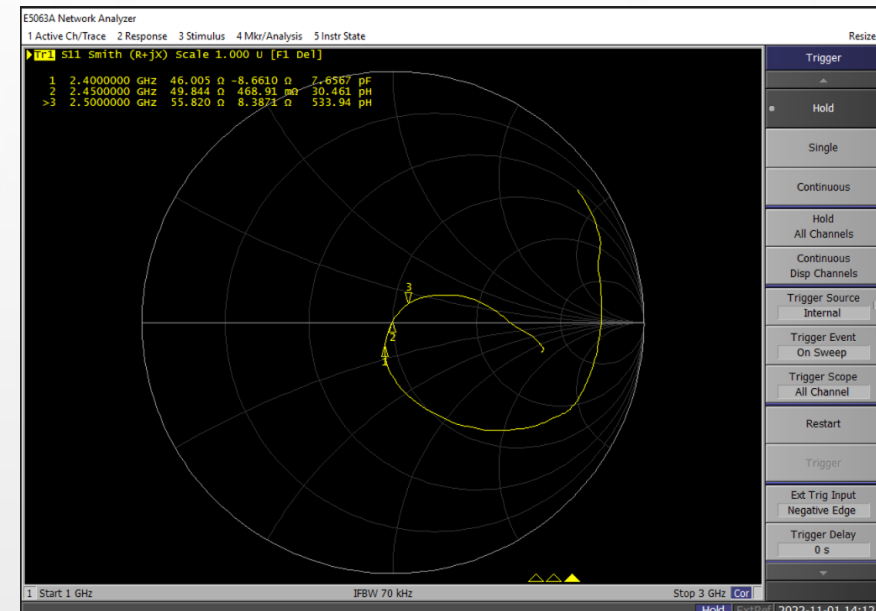
Address : No.19, Jianlong Street, Security
Community, Yuanshan Avenue, Longgang
District , Shenzhen, China. 518100

II. Test Result

2.1. Antenna S-Parameter



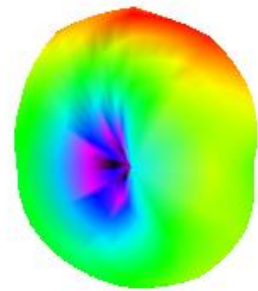
Return loss



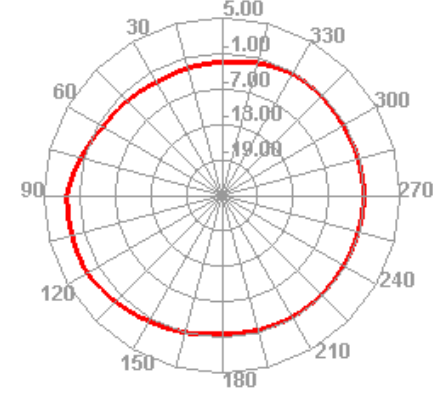
Smith-Chart

2.2 3D/2D Gain Pattern

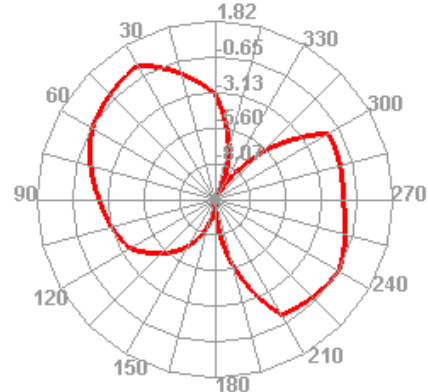
2450.000MHz



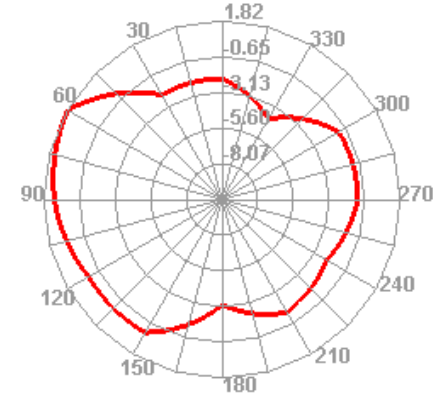
2450.000MHz H



2450.000MHz E1



2450.000MHz E2



2.3 Efficiency And Peak Gain

Frequency (MHz)	Efficiency (%)	Peak Gain (dBi)
2400	56.13	1.32
2420	57.21	1.54
2440	58.07	1.72
2450	60.36	1.81
2460	58.06	1.77
2480	57.95	1.53
2500	56.24	1.32



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The End