

Sample Approved Sheet

Antenna type:FPC Antenna

Yaxin Communication（L003）Acknowledgment

Customer Name Shenzhen Longyi Technology Co.,Ltd

Customer Model L003-WF-V1

Brand Produced by Yaxin Communication YX-L003-WF-V1

Yaxin Communication Judgment &Audit Team

Formulated	Reviewed	Approved	Acknowledgment Completion Date
Jiang Yanan	Wu Shouping	Wu Shoulan	2026.03.25

Longyi（Customer）Judgment &Audit Team

Approval No. _____ Acknowledgment Issue Date _____

Approved	Reviewed	Approved	Approval Date
Review Item: ☐ 3 copies of the Acknowledgment ☐ Specification/Drawing ☐ Test Report ☐ Sample__PCS ☐ Safety ☐ HSF			
Review Result: ☐ Accepted ☐ Conditionally Accepted ☐ Rejected			

Confidential Information

Item No.	Date	Revision	Revision Description	Remarks
1	2026.04.24	A0	Initial Release	

1. Antenna Test Equipment Introduction

Test of antenna input characteristics using Agilent E5071C and Agilent 5062A vector network analyzer; The radiation pattern of the antenna are tested using the Satimo starlab 3D near field Anechoic Chamber, and the instrument is used to agilent8960 E5515 and Agilent E4438C. The test coordinates of the darkroom are as follows:

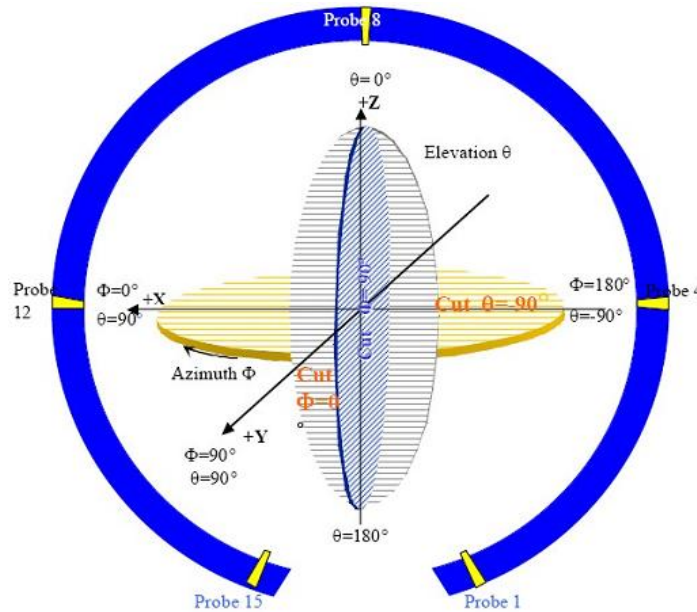
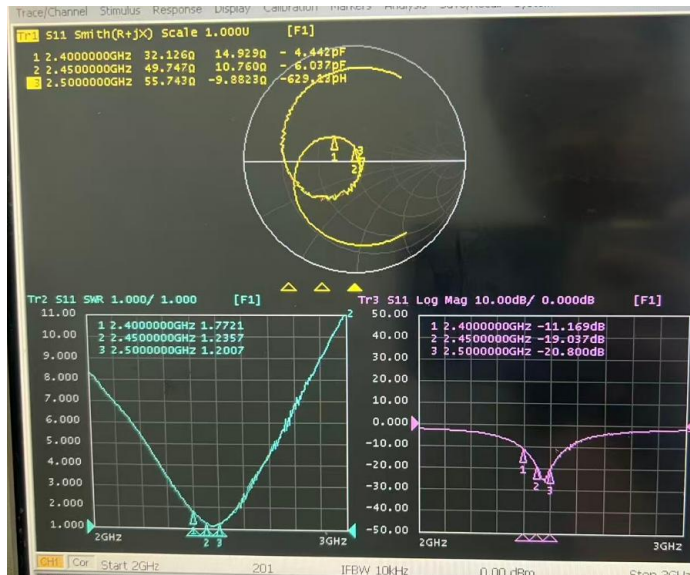


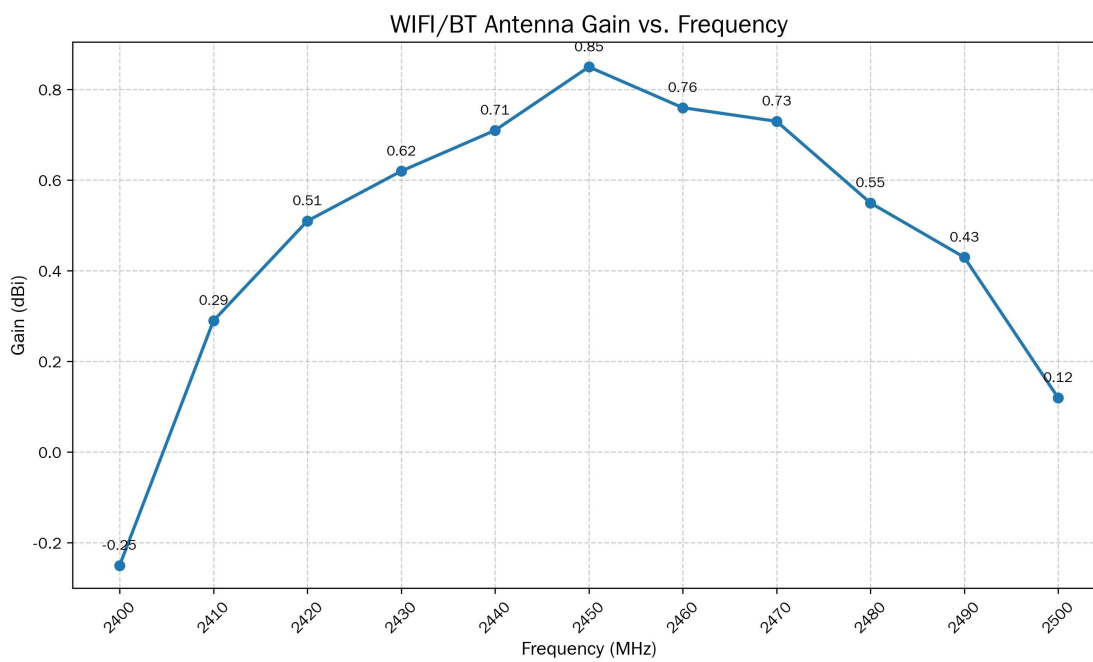
图 4 3D 微波暗室测试坐标系 (back view)

1.1 WIFI/BT Antenna S11



WIFI/BT Antenna Efficiency&Gain

Frequency(MHz)	Gain(dBi)	Efficiency(%)
2400	-0.25	25.45
2410	0.29	26.99
2420	0.51	27.36
2430	0.62	28.78
2440	0.71	29.09
2450	0.85	31.25
2460	0.76	30.88
2470	0.73	29.65
2480	0.55	28.25
2490	0.43	27.31
2500	0.12	26.55



2. Mechanical Specification:

Mechanical Configuration (Unit: mm) the appearance of the antenna is according to drawing

