

FN-LINK TECHNOLOGY Ltd.

Acknowledgment

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Supplier Factory: Factory address: No.8, Litong Road, Liuyang Economic & Technical Development Zone, Changsha, Hunan, China 41032

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antenna testing

Customer	xianzhiwulian
Project Name	
Customer NO.	
specification	FPC antenna WIFI 2. 4-5G
Supplier NO.	1AAXZWLGW0-0G57-00
Specification NO.	
Write by	edwin
REV.	Ver.1
Date	2024-1-15
Note	

Version change log				
Change date	Change content	edition	edition	Alteration party

1. Admission book item table (Index)

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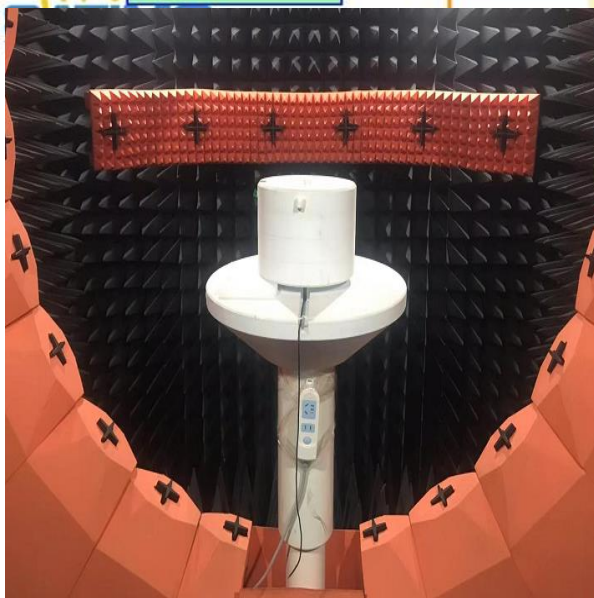
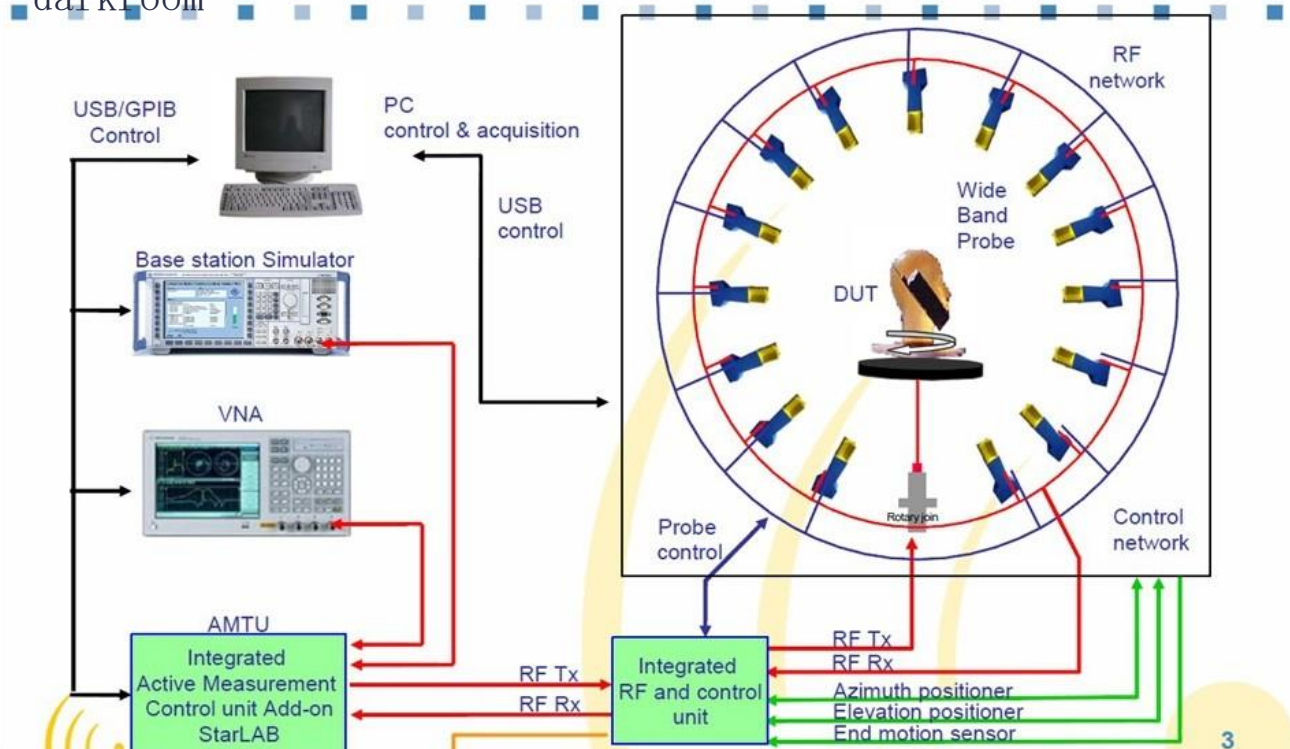
1. Test equipment and conditions

1.1 . Network Analyzers : KEYSIGHT P5002A

1.2 . Communications Test Set: R&S CMW 500

1.3 . 3D Chamber Test System: 24 Probe test system

1. Test schematic diagram of microwave darkroom

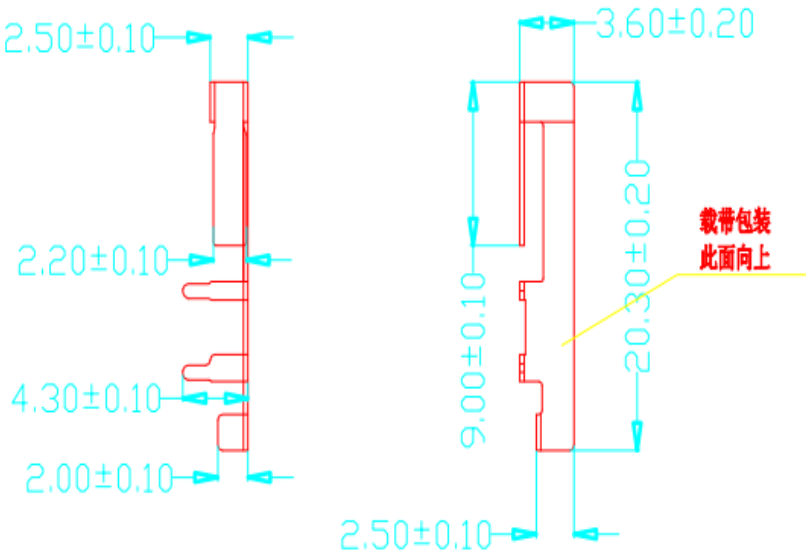


2. Instructions

This report summarizes the electrical performance results of the antenna for this project, including the antenna's S11 parameters, Gain and Efficiency.

Antenna size

AXZWLGW0-0G57-V10



备注:
1. 材质:304不锈钢材料镀镍, T=0.3mm;
2. 包装方式:载带;

产品料号		1AAXZWLGW0-0G57-00					
公差		欧智通 欧智通科技股份有限公司 FN-LINK TECHNOLOGY LIMITED					
料厚	0.01	制图	刘青	项目		版本	V1
高度	0.05	设计		型号	AXZWLGW0-0G57-V10		
外型	0.10	批准		规格			
平整度	0.10	审核		材质	不锈钢镀镍	角法	
角度	1.5°	包装	载带	图号		单位	M
					2024/01/09		

catalogue

1.Debug data report

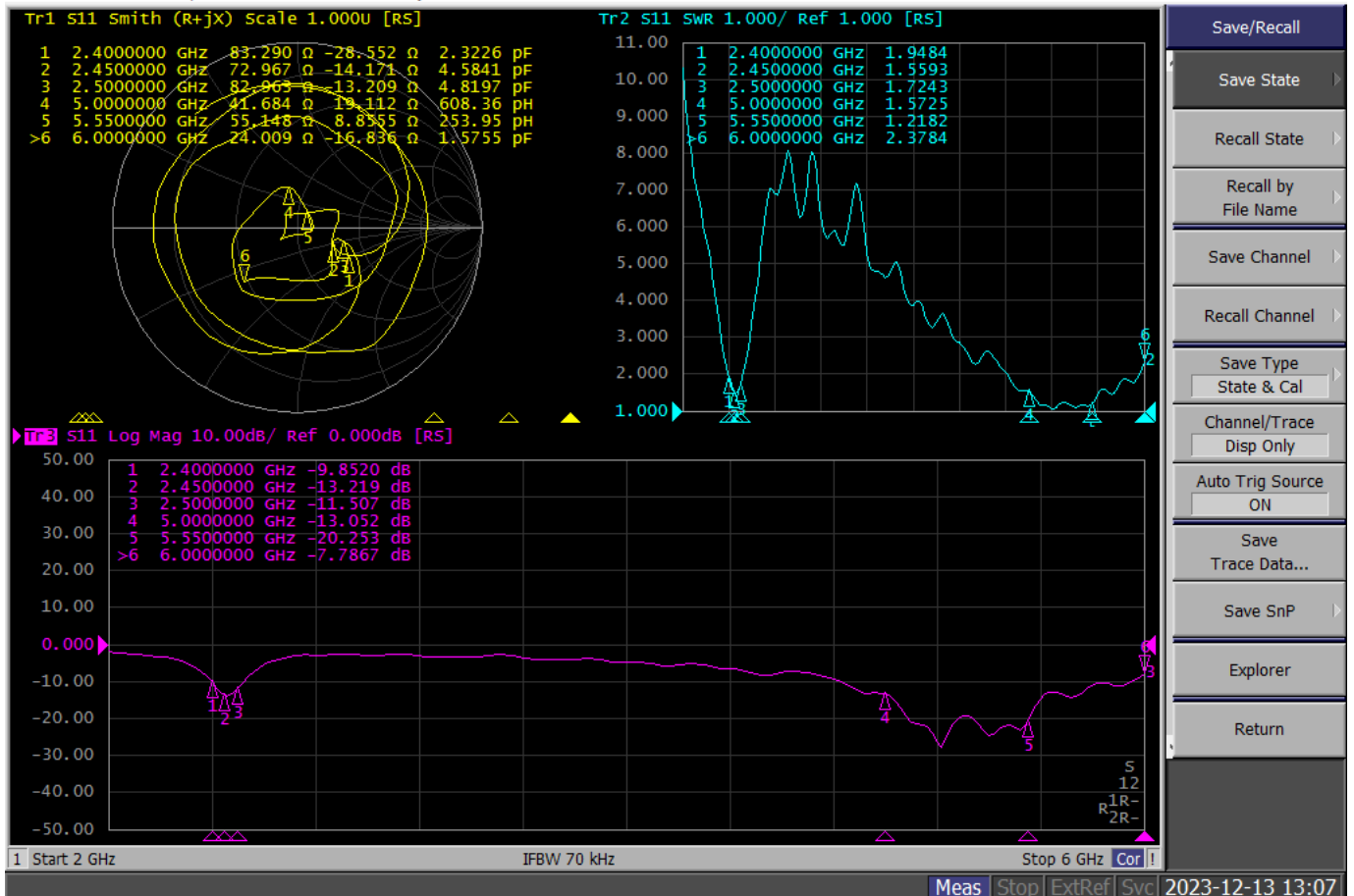
2.Test data

S11

E5071C Network Analyzer

1 Active Ch/Trace 2 Response 3 Stimulus 4 Mkr/Analysis 5 Instr State

Resize



Freq/GHz	2400	2450	2500	5000	5500	5850
VSWR	1.9	1.5	1.7	1.5	1.2	2.3

Antenna efficiency

Frequency	MaxGain/dBi	Efficiency / %
2400	3.21	54.83
2410	3.34	57.94
2420	3.53	60.53
2430	3.43	61.09
2440	3.29	62.09
2450	3.07	62.09
2460	2.92	59.84
2470	2.99	58.21
2480	2.89	57.94
2490	2.86	55.72
2500	2.57	52.48
5000	1.61	40.36
5100	2.55	47.64
5200	1.95	44.26
5300	2.29	48.53
5400	2.8	49.77
5500	2.44	46.24
5600	1.8	43.15
5700	2.2	42.66
5800	1.39	39.45
5900	0.56	33.27

5G 2D/3D Gain Pattern

