

FN-LINK TECHNOLOGY Ltd.

承 认 书

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antenna testing

Customer	Xianzhi IoT Technology
Project Name	G95
Customer NO.	
specification	Wi-Fi Antenna 2.4-5G
Supplier NO.	1AAXZWLGW0-0G95-00
Specification NO.	
Write by	Wei Yuanji
REV.	Ver.1
Date	2026-6-16
Note	

Version change log				
Change date	Change content	version	Change person	Approved by

1. Recognition Letter Project Table (Index)

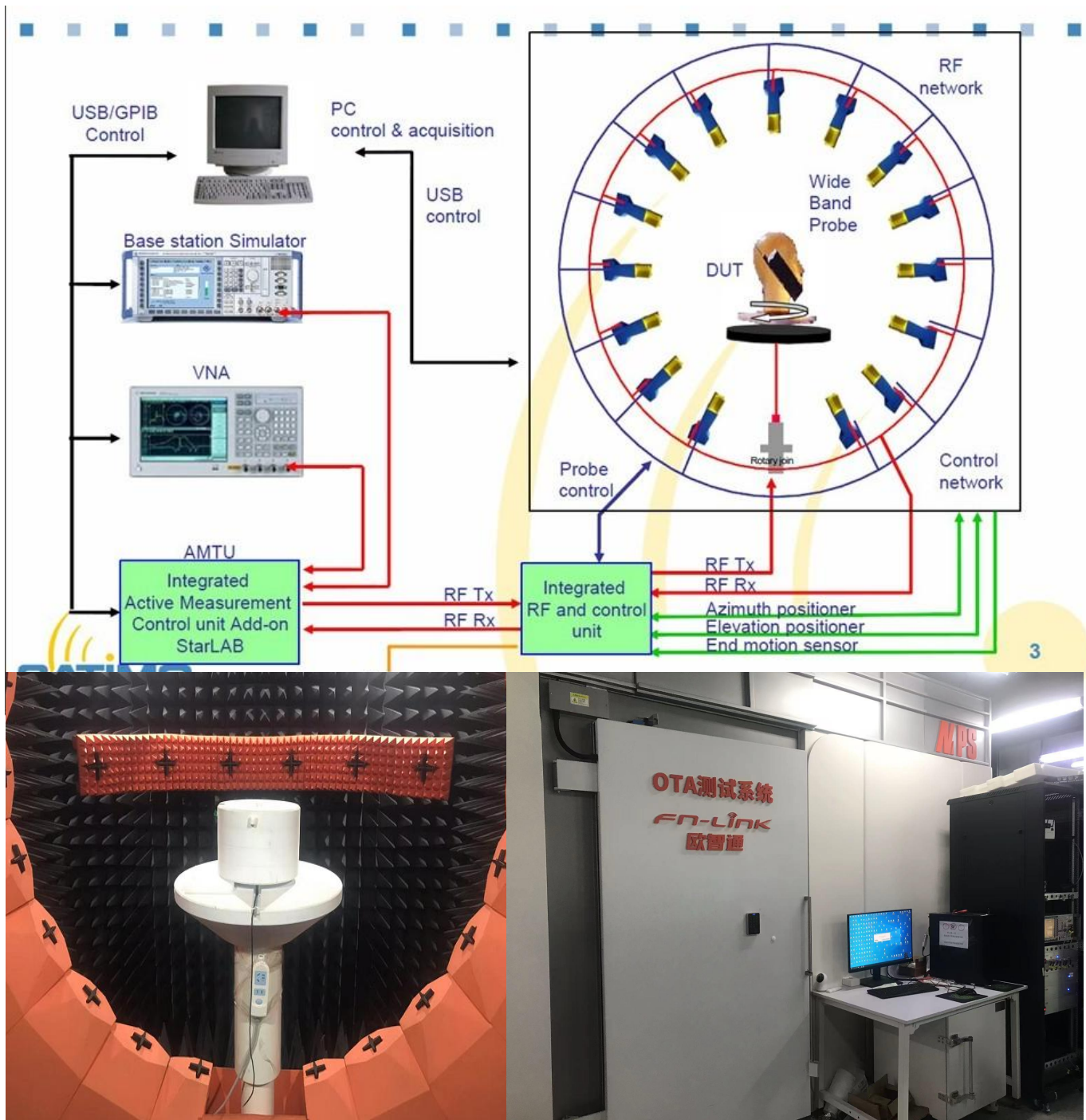
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(Test Equipment & Conditions)

1.1 . Network Analyzers : KEYSIGHT P5002A
1.2 . Communications Test Set: R&S CMW 500

1.3 . 3D Chamber Test System: (24 probe testing system)

1. Testing principle diagram of microwave anechoic chamber



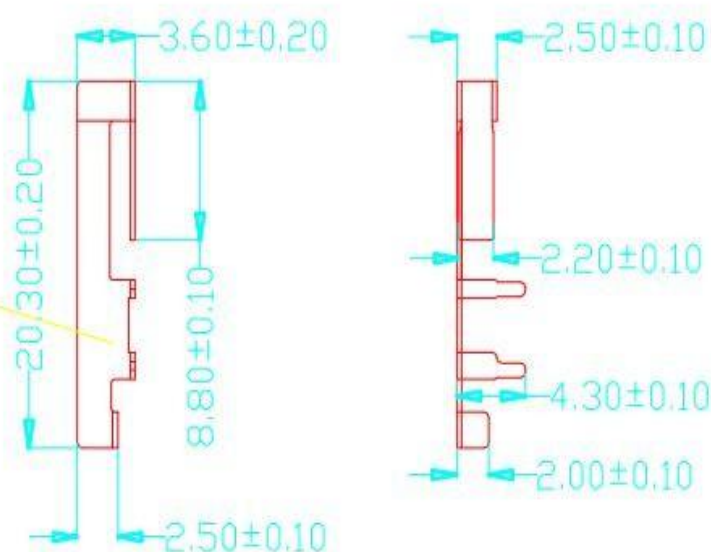
2. Explanation.

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

Finished antenna diagram

AXZWLGW0-0G95-V10

载带包装
此面向上



备注:

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

产品料号		1AAXZWLGW0-0G95-00					
公差 TOLERANCE		 欧智通科技股份有限公司 FN-LINK TECHNOLOGY LIMITED					
料厚 THICKNESS	0.01	制图 DRAWN	刘青	项目 PROJECT		版本 EDITION	V1
高度 HEIGHT	0.05	设计 DESIGN		型号 MODEL	AXZWLGW0-0G95-V10		
外型 SHAPE	0.10	批准 APPROVE		规格 SPEC			
平整度 FLATNESS	0.10	审核 CHECKED		材质 MATERIAL	不锈钢镀锌	角法 PROJ.	
角度 ANGLE	1.5°	包装 PACKED	载带	图号		单位	M
		2024/01/09					

Directory

1. Overall machine description
2. Debug data reports
3. Test data



antenna S11

E5071C Network Analyzer

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

Resize

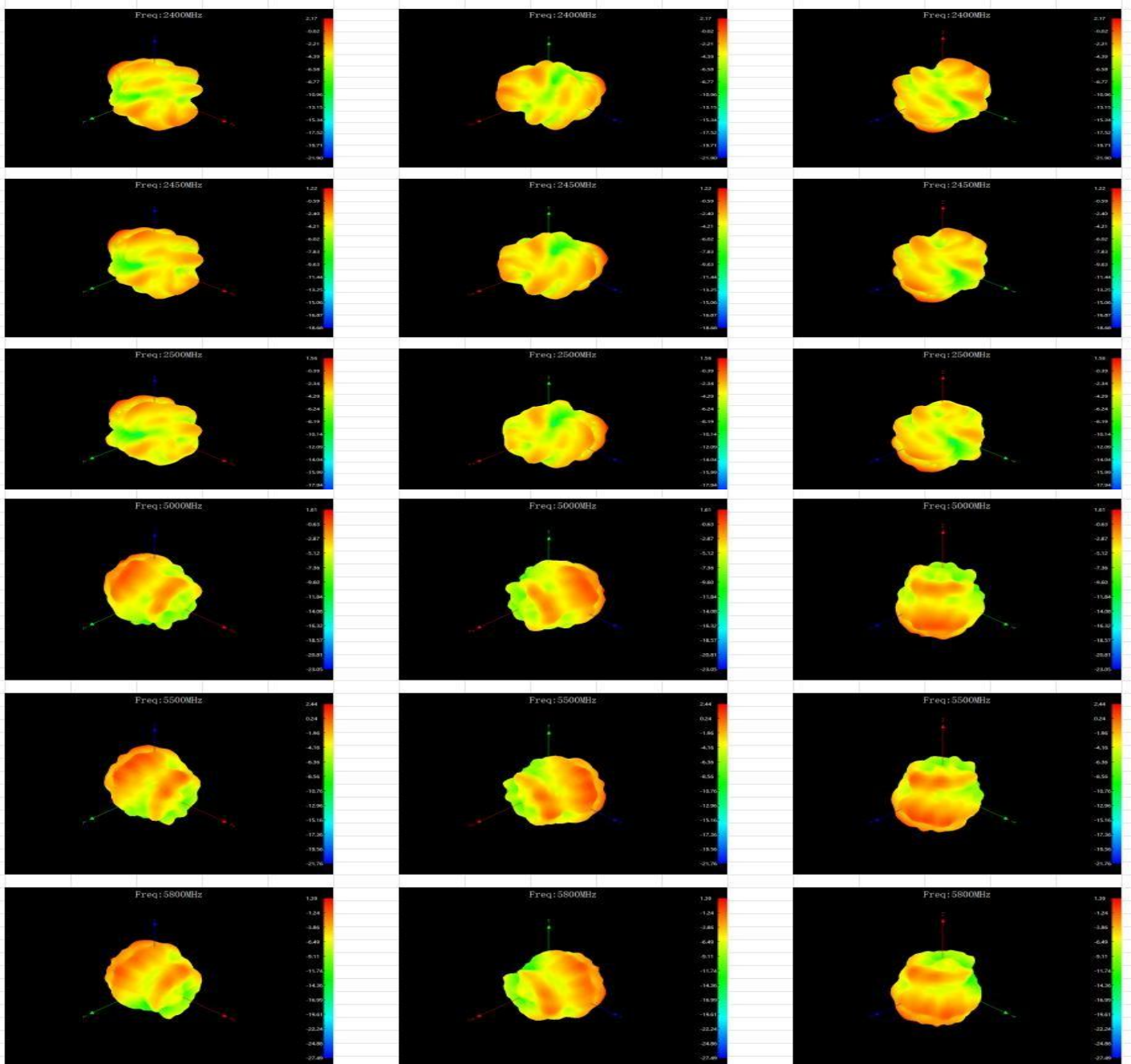
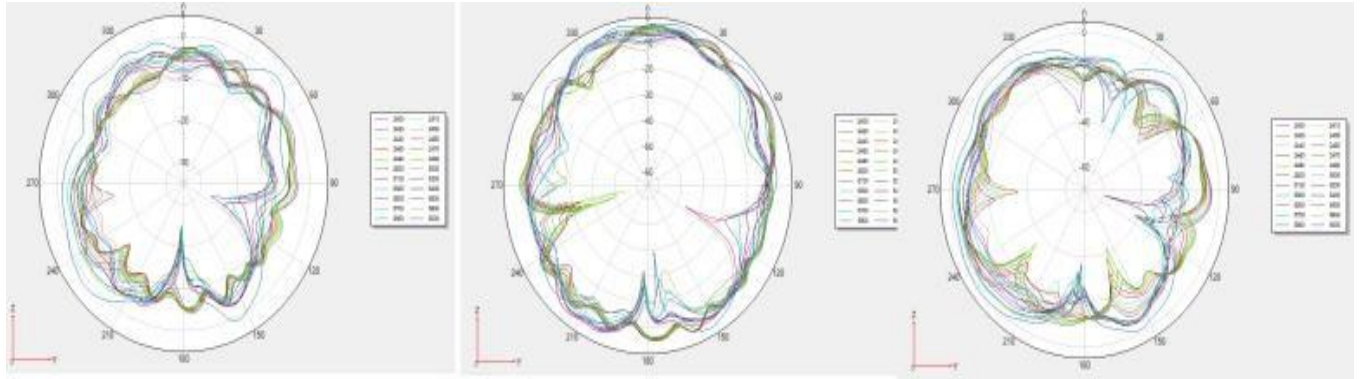


Freq/GHz	2400	2450	2500	5000	5500	5850
VSWR	1.8	1.2	1.7	1.9	1.9	1.5

WiFi antenna - Test data:

Frequency/Mhz	MaxGain/dBi	Efficiency / %	Frequency/Mhz
2400	2.17	59.83	2400
2410	2.03	57.94	2410
2420	2.11	59.37	2420
2430	1.76	57.45	2430
2440	1.62	58.09	2440
2450	1.22	58.09	2450
2460	1.18	60.84	2460
2470	1.19	59.21	2470
2480	1.27	59.94	2480
2490	1.36	58.72	2490
2500	1.56	57.48	2500
5000	1.61	47.36	5000
5100	2.55	47.64	5100
5200	1.95	44.26	5200
5300	2.29	48.53	5300
5400	2.5	49.77	5400
5500	2.44	47.53	5500
5600	1.82	48.31	5600
5700	2.21	49.89	5700
5800	1.39	50	5800
5900	1.27	50.23	5900

2400-2500 MHZ antenna Apple diagram Direction diagram



WiFi-OTA active test data

