

No.:
FCCSZ2024-0067-OTA

TEST REPORT

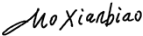
NAME OF SAMPLE : Antenna

CLIENT : Xiamen Hanin Co.,Ltd.

CLASSIFICATION OF TEST : N/A

CVC Testing Technology (Shenzhen) Co., Ltd.



Client		Name : Xiamen Hanin Co.,Ltd.	
		Address : Room 305A, Angye Building, Pioneering Park,Torch High-tech Zone,Xiamen	
Manufacturer		Name : Xiamen Hanin Co.,Ltd.	
		Address : Room 305A, Angye Building, Pioneering Park,Torch High-tech Zone,Xiamen	
Equipment Under Test		Name : Antenna	
		Model/Type: D25	
		Additional Model: N/A	
		Trade mark : N/A	
		Serial NO.:N/A	
		Sample NO.: 2-1	
Date of Receipt.	2024.08.28	Date of Testing	2024.08.28~2024.09.13
Test Specification		Test Result	
ANSI/IEEE Std 149-2021 IEEE Recommended Practice for Antenna Measurements		N/A	
Evaluation of Test Result	The Gain,Efficiency and Radiation Pattern of Intelligent toilet Remote Antenna Antenna had been tested and the test results were shown on pages 8 to 10.		
	Seal of CVC		
	Issue Date: 2024-09-13		
Compiled by:	Reviewed by:	Approved by:	
			
Cai Jianyu	Mo Xianbiao	Dong Sanbi	
Name	Signature	Name	Signature
Other Aspects: NONE.			
Abbreviations:OK, Pass= passed Fail = failed N/A= not applicable EUT= equipment, sample(s) under tested			

This test report relates only to the EUT, and shall not be reproduced except in full, without written approval of CVC.



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测试报告



RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
FCCSZ2024-0067-OTA	Original release	2024-09-13



1. SUMMARY OF TEST RESULTS

Test Item	Result
Gain	-1.38 dBi(at 2460MHz)



2. GENERAL INFORMATION

2.1 General Product Information

PRODUCT	Antenna
BRAND	N/A
TEST MODEL	D25
ADDITIONAL MODEL	N/A
ANTENNA TYPE	PCB Antenna
FREQUENCY RANGE	2400MHz~2500MHz
ANTENNA DIMENSION	12mm × 4mm
Remark: 1. For more detailed features description, please refer to the manufacturer's specifications or the User's Manual. 2. The models are identical in circuit and PCB layout, only different on the model names. 3. Since the above data and/or information is provided by the client, CVC is not responsible for the authenticity, integrity and results of the data and information and/or the validity of the conclusion.	



2.2 Test Condition

ENVIRONMENT PARAMETER	Ambient Pressure (KPa)	Temperature (°C)	Voltage	Relative Humidity (%)
NORMAL TEMPERATURE,NORMAL VOLTAGE	101	22.5	N/A	54.5

2.3 Measurement Uncertainty

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT:

Item	Uncertainty
Gain	$\pm 0.3\text{dB}$
Remark: 95% Confidence Levels, $k=2$.	

2.4 Test Location

The tests and measurements refer to this report were performed by EMC testing Lab of CVC Testing Technology (Shenzhen) Co., Ltd.

Lab Address: No. 1301-14&16, Guanguang Road, Xinlan Community, Guanlan Subdistrict, Longhua District, Shenzhen, Guangdong,China

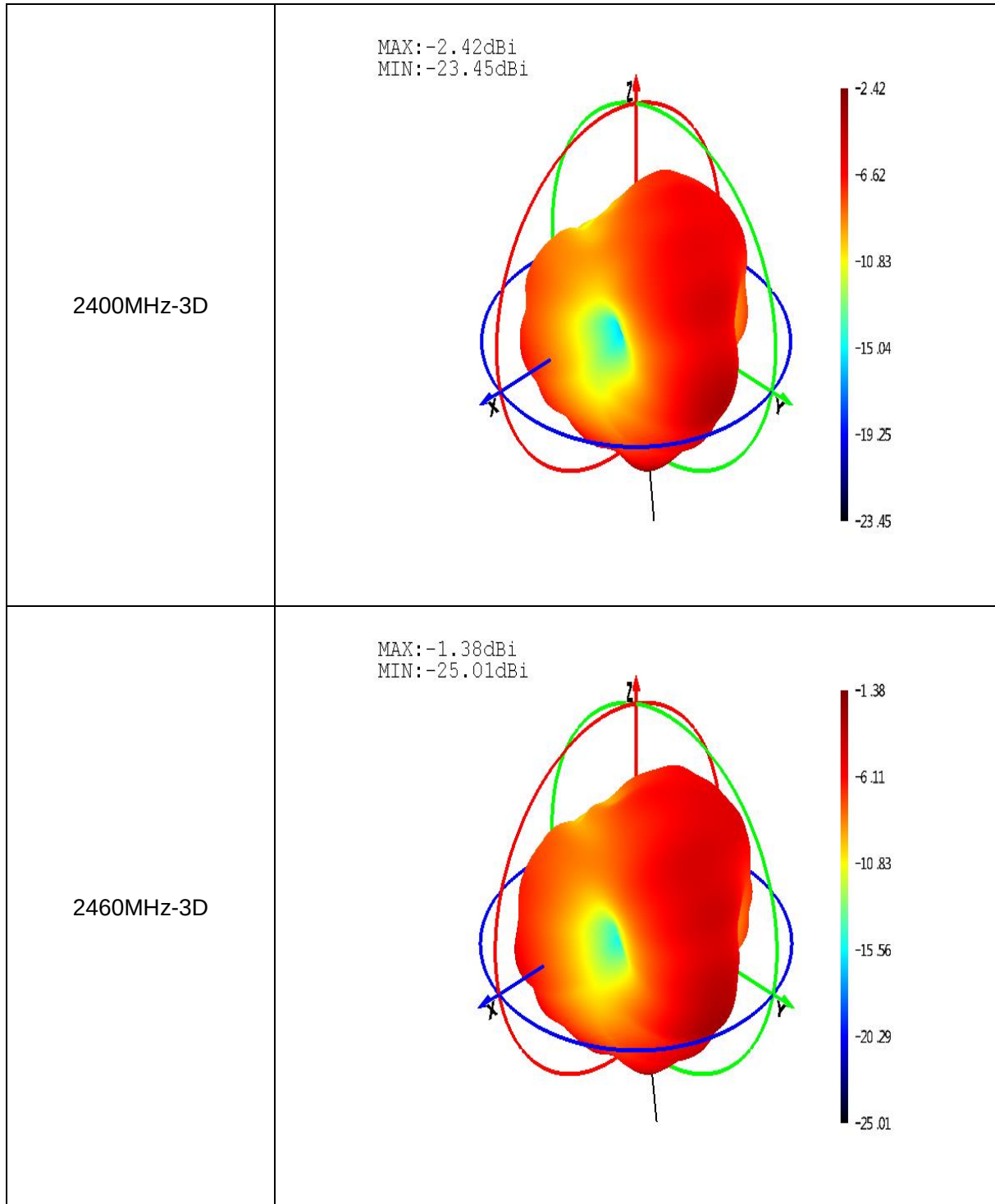
Post Code: 518110 Tel: 0755-23763060-8805
Fax: 0755-23763060 E-mail: sz-kf@cvc.org.cn
FCC(Test firm designation number: CN1363)
IC(Test firm CAB identifier number: CN0137)
CNAS(Test firm designation number: L16091)

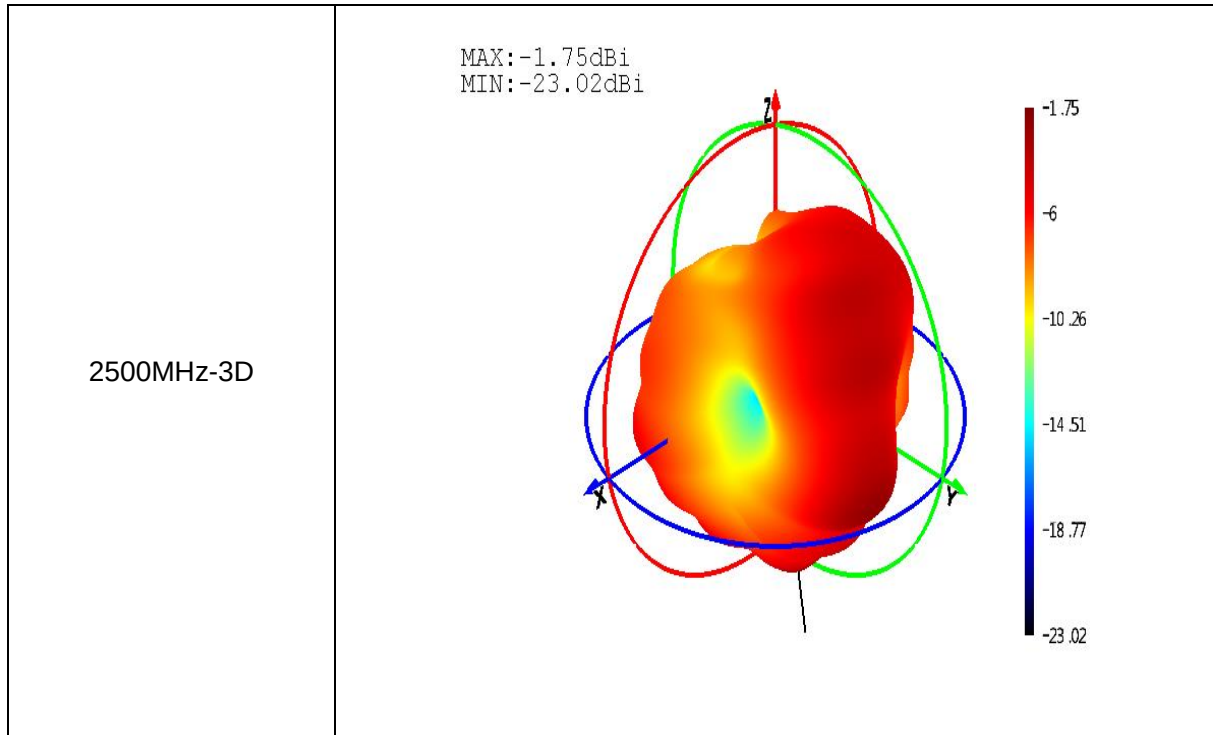


3. ANTENNA GAIN EFFICIENCY AND RADIATION PATTERN

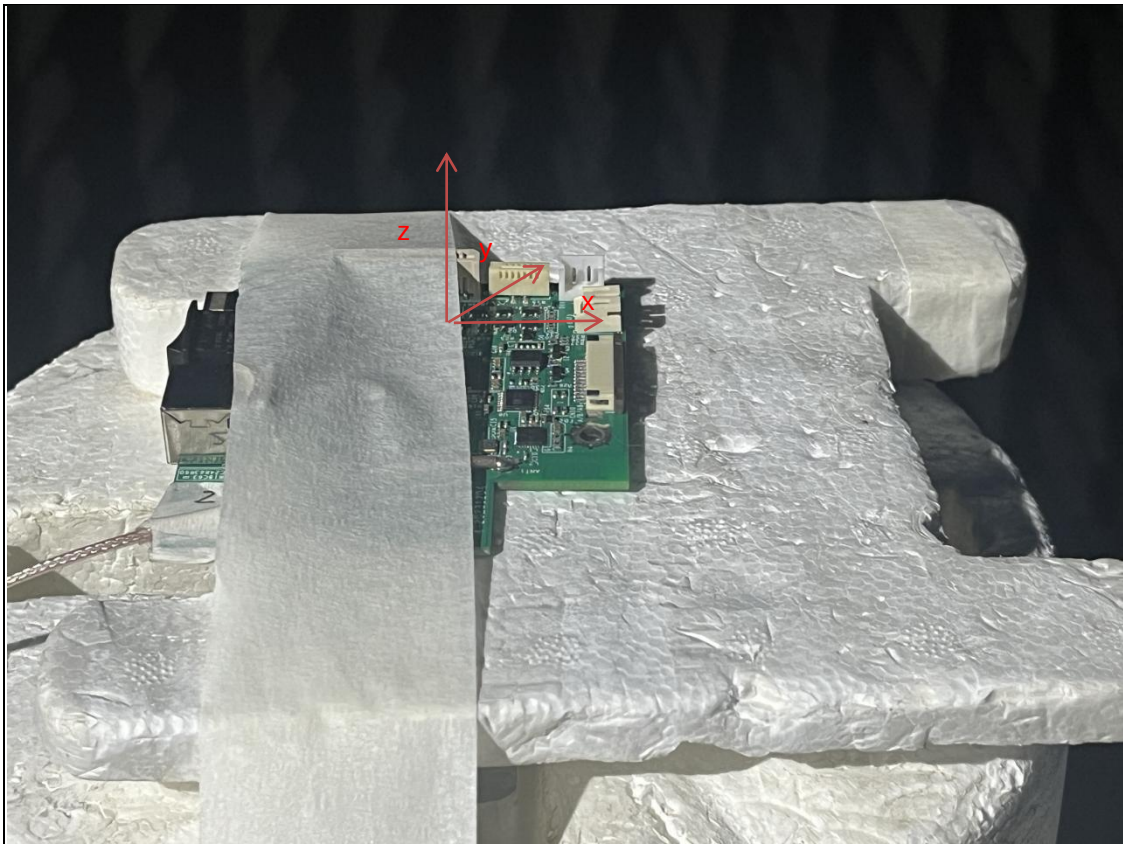
3.1 Test Results

Test Model	D25	
Sample No.	2-1	
Frequency (MHz)	Gain(dBi)	Efficiency(%)
2400	-2.42	16.88
2410	-2.19	18.98
2420	-2.43	18.94
2430	-2.51	19.31
2440	-2.12	19.38
2450	-1.60	20.50
2460	-1.38	21.91
2470	-1.95	22.09
2480	-2.32	21.96
2490	-2.27	22.04
2500	-1.75	23.61

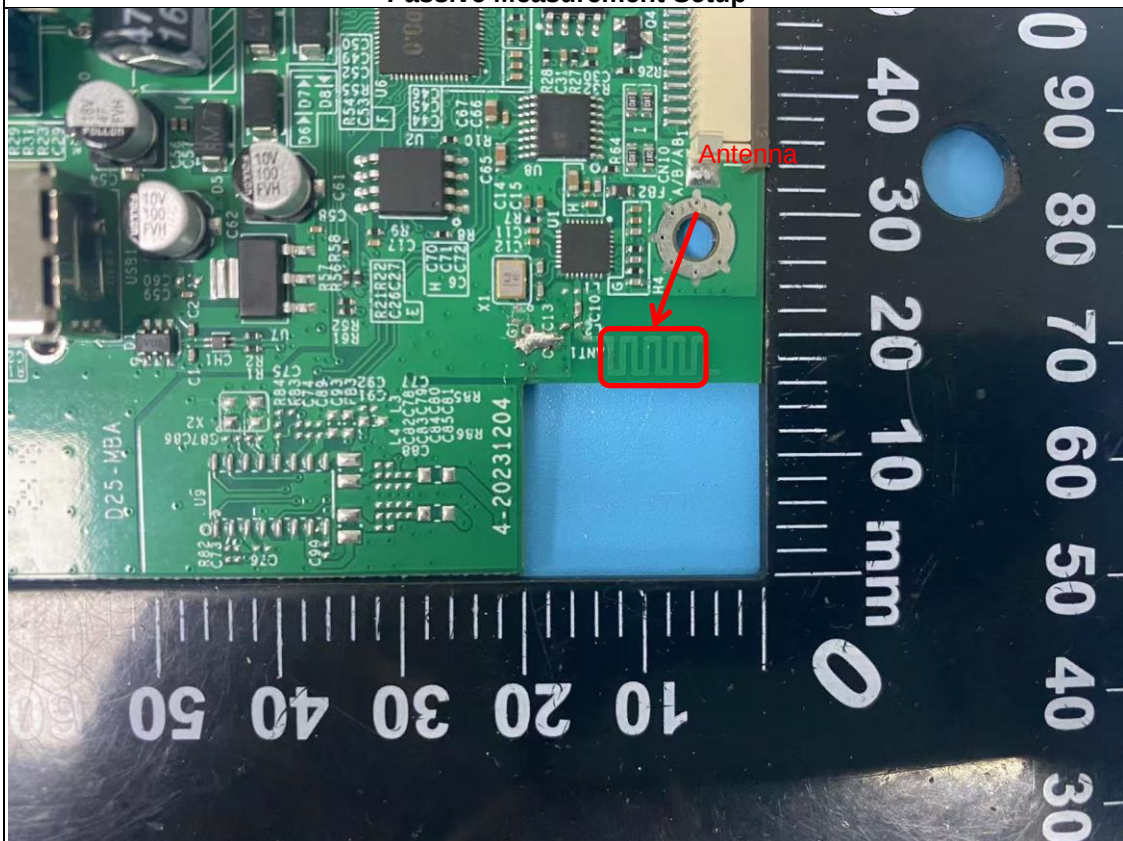
3.2 Test Graphs



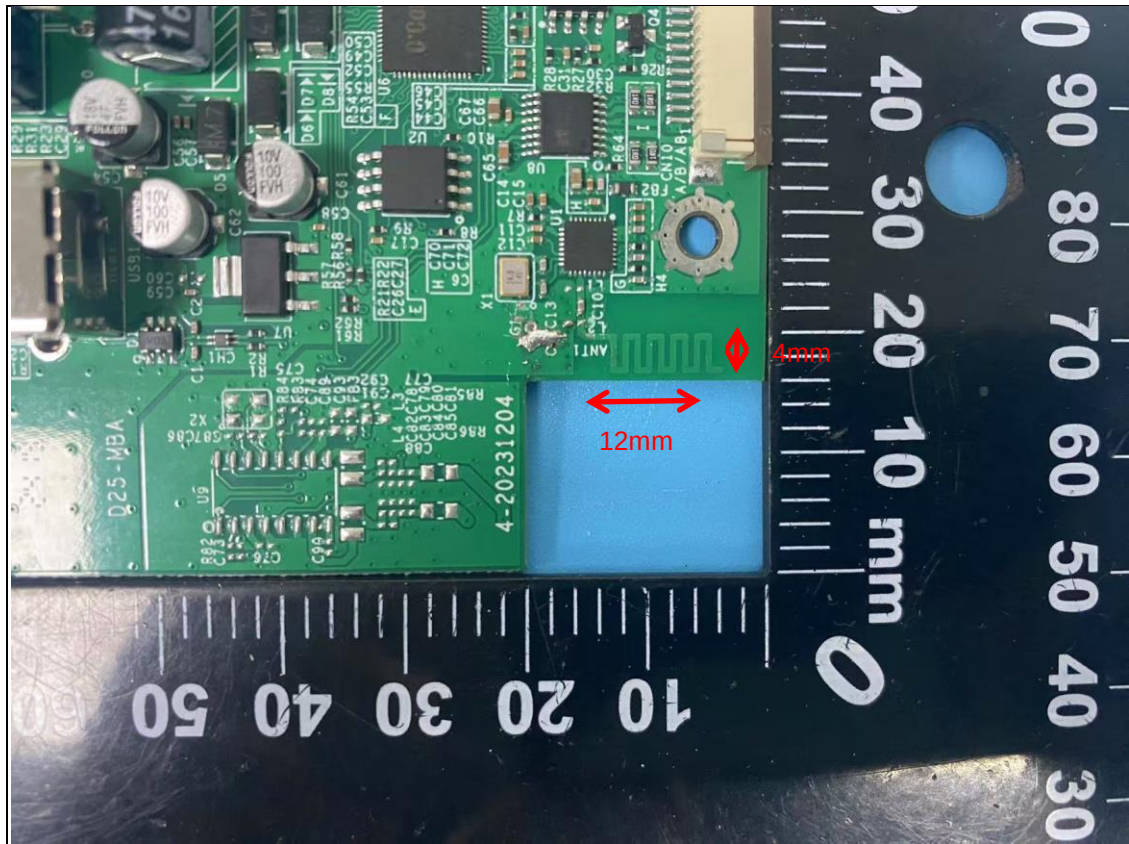
4. PHOTOGRAPH OF TEST SET UP



Passive Measurement Setup



5. DIMENSION OF ANTENNA



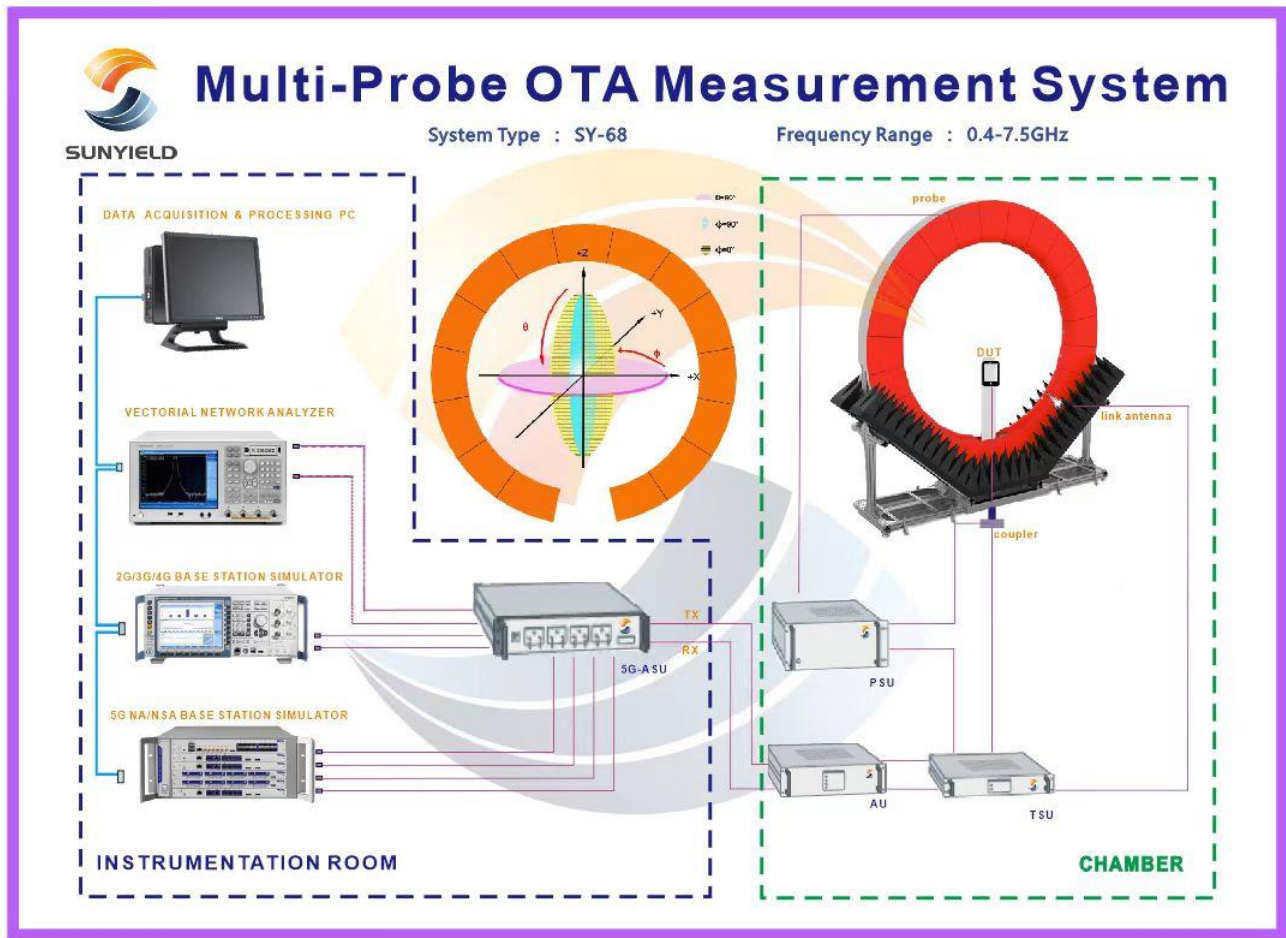


APPENDIX A

Test Equipment	Equipment No.	Serial No.	Manufacturer	Type/Model	Cal.Due	Using
Shielded Room	CS0300038	20211221	SUN YIELD	6m*6m*6m	2024/12/20	√
Vector Network Analyzer	CS0300067	101544	R&S	ZNB40	2025/5/24	√
Automatic switching unit	CS0300039	81612472	/	5G ACTIVE SWITCHING UNIT	/	√

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APPENDIX B





Important

- (1) The test report is invalid without the official stamp of CVC;
- (2) Any part photocopies of the test report are forbidden without the written permission from CVC;
- (3) The test report is invalid without the signatures of Approval and Reviewer;
- (4) The test report is invalid if altered;
- (5) Objections to the test report must be submitted to CVC within 15 days.
- (6) Generally, commission test is responsible for the tested samples only.
- (7) As for the test result “-” or “N/A” means “not applicable”, “/” means “not test”, “P” means “pass” and “F” means “fail”

Address of the laboratory:

CVC Testing Technology (Shenzhen) Co., Ltd.

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