

No.:
GJWSZ2023-0146

TEST REPORT

NAME OF SAMPLE : **LiYARD 2**

CLIENT : **Hobson Property Trust & The Trustee
for THE JOHN WEBBER INVESTMENT
TRUST & The trustee for the Rust
Investment Trust & The trustee for the
Weston Investment Trust & G.L
WESTON**

CLASSIFICATION OF TEST : **N/A**



Client		Name : Hobson Property Trust & The Trustee for THE JOHN W EBBER INVESTMENT TRUST & The trustee for the Rust Investment Trust & The trustee for the Weston Investment Trust & G.L WESTON	
		Address : 1/9 Monterey Rd, Dandenong South, Victoria 3175, Australia	
Manufacturer		Name : Hobson Property Trust & The Trustee for THE JOHN W EBBER INVESTMENT TRUST & The trustee for the Rust Investment Trust & The trustee for the Weston Investment Trust & G.L WESTON	
		Address : 1/9 Monterey Rd, Dandenong South, Victoria 3175, Australia	
Equipment Under Test		Name : LiTYARD 2	
		Model/Type:LiTYARD 2	
		Additional Model: /	
		Trade mark : /	
		Serial NO.:N/A	
		Sample NO.: 1-1	
Date of Receipt.	2023.06.19	Date of Testing	2023.06.19~2023.06.28
Test Specification		Test Result	
ANSI/IEEE Std 149-1979 IEEE Standard Test Procedures for Antennas		N/A	
Evaluation of Test Result	The Spring Antenna Gain has been tested and the test results were shown pages 7 to 11.		
	Seal of CVC		
	Issue Date: 2023.06.28		
Tested by:	Reviewed by:	Approved by:	
<u>Huang Meng</u>	<u>Liu Yonghai</u>	<u>Dong Sanbi</u>	
Name Signature	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.



TABLE OF CONTENTS

RELEASE CONTROL RECORD	4
1. SUMMARY OF TEST RESULTS	5
2. GENERAL INFORMATION	6
2.1 GENERAL PRODUCT INFORMATION	6
2.2 TEST CONDITION	7
2.3 MEASUREMENT UNCERTAINTY	7
2.4 TEST LOCATION	7
3. ANTENNA GAIN	8
3.1 TEST RESULTS	8
3.2 TEST GRAPHS	9
4. PHOTOGRAPH OF TEST SET UP	13
APPENDIX A	14
APPENDIX B	15



RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
GJWSZ2023-0146	Original release	2023.06.28



1. SUMMARY OF TEST RESULTS

Test Item	Result
Gain(Peak Gain)	-16.3 dBi



2. GENERAL INFORMATION

2.1 General Product Information

PRODUCT	LiTYARD 2
BRAND	/
TEST MODEL	LiTYARD 2
ADDITIONAL MODEL	/
ANTENNA TYPE	Spring Antenna
FREQUENCY RANGE	910MHz~920MHz
ANTENNA DIMENSIONS	16mm×5.5mm
SPRING DIAMETER	0.8mm,9 tunes
Remark: 1. For more detailed features description, please refer to the manufacturer's specifications or the User's Manual. 2. 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	55.3

2.3 Measurement Uncertainty

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

Item	Uncertainty
Gain	$\pm 0.8\text{dB}$

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, Guanguang Road, Xinlan Community, Guanlan Street, Longhua District, Shenzhen City, Guangdong Province 518110 P.R.China

Post Code: 518110 Tel: 0755-23763060-8805
Fax: 0755-23763060 E-mail: sz-kf@cvc.org.cn
<http://www.cvc.org.cn>

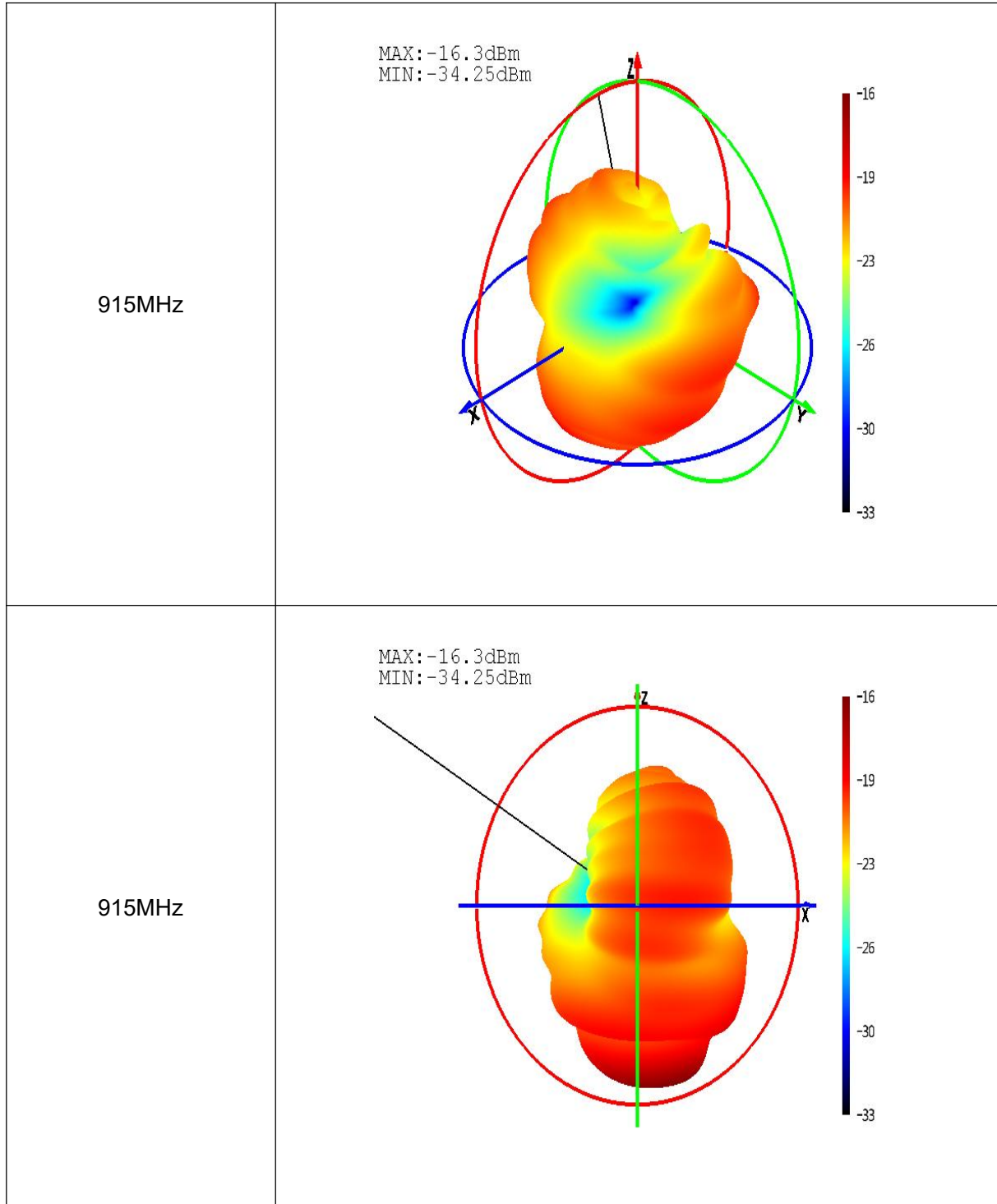


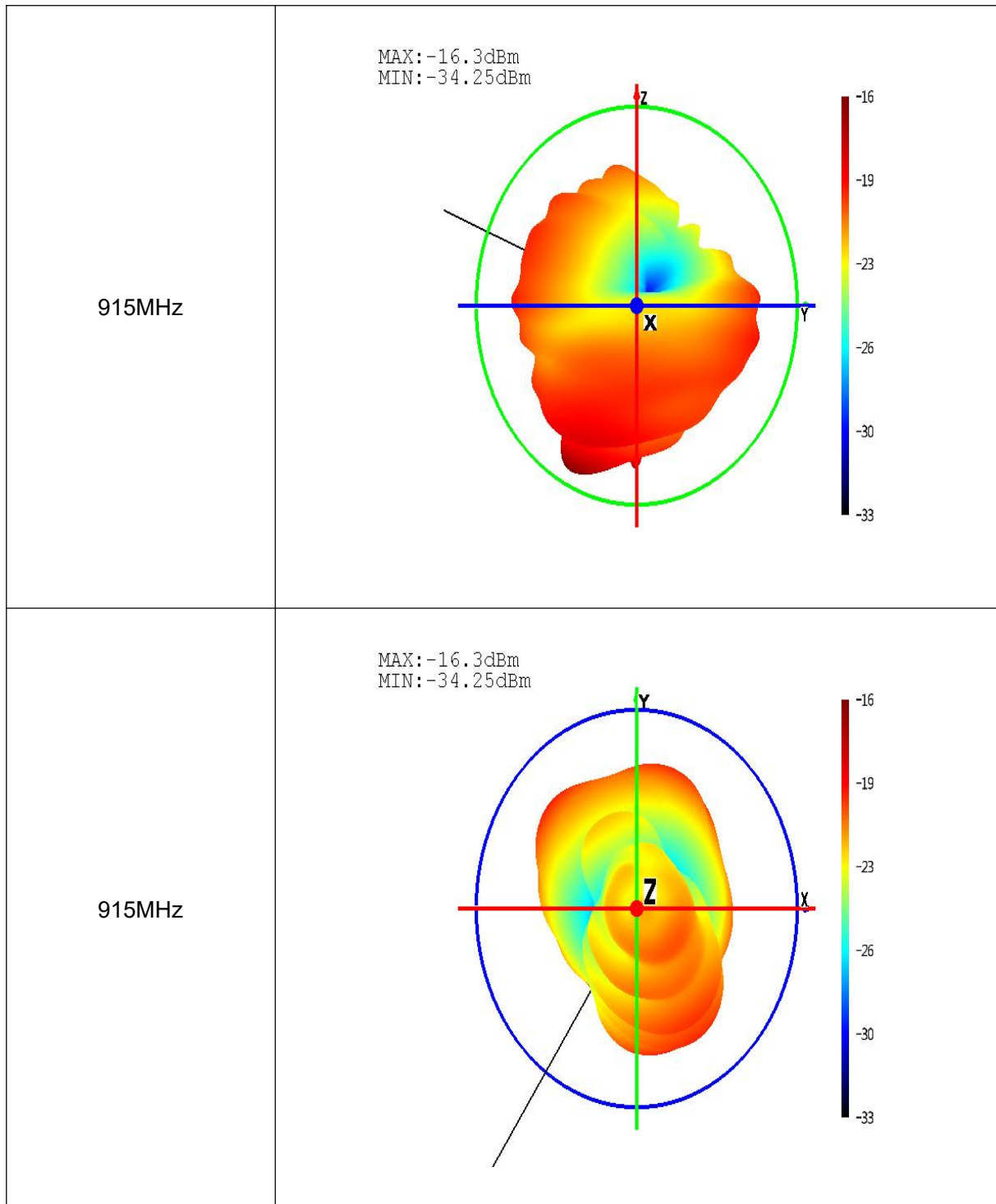
3. ANTENNA GAIN

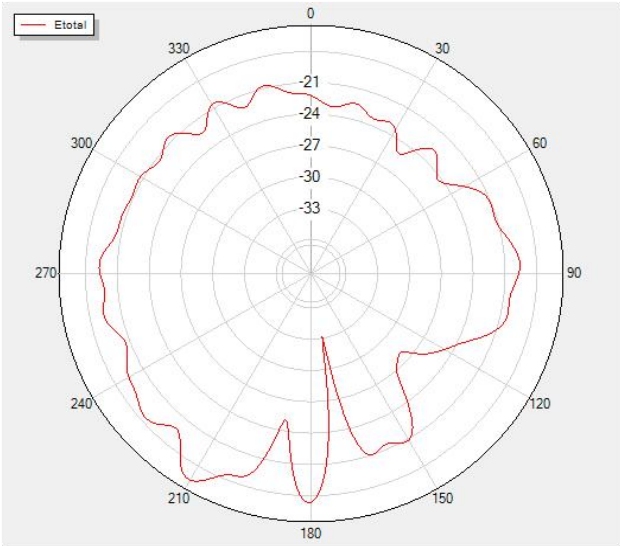
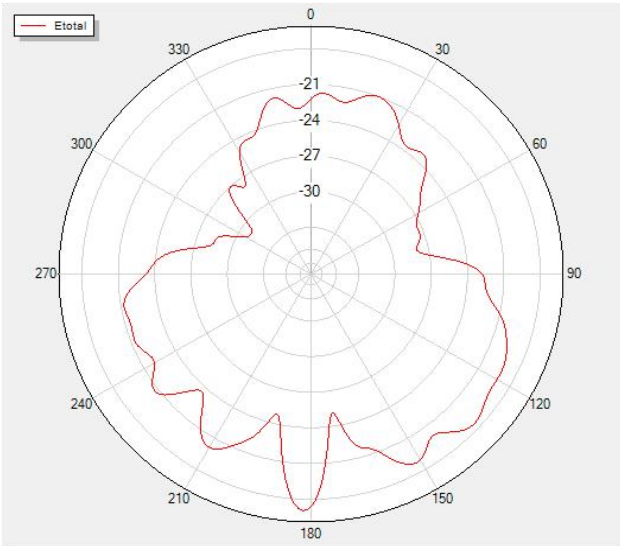
3.1 Test Results

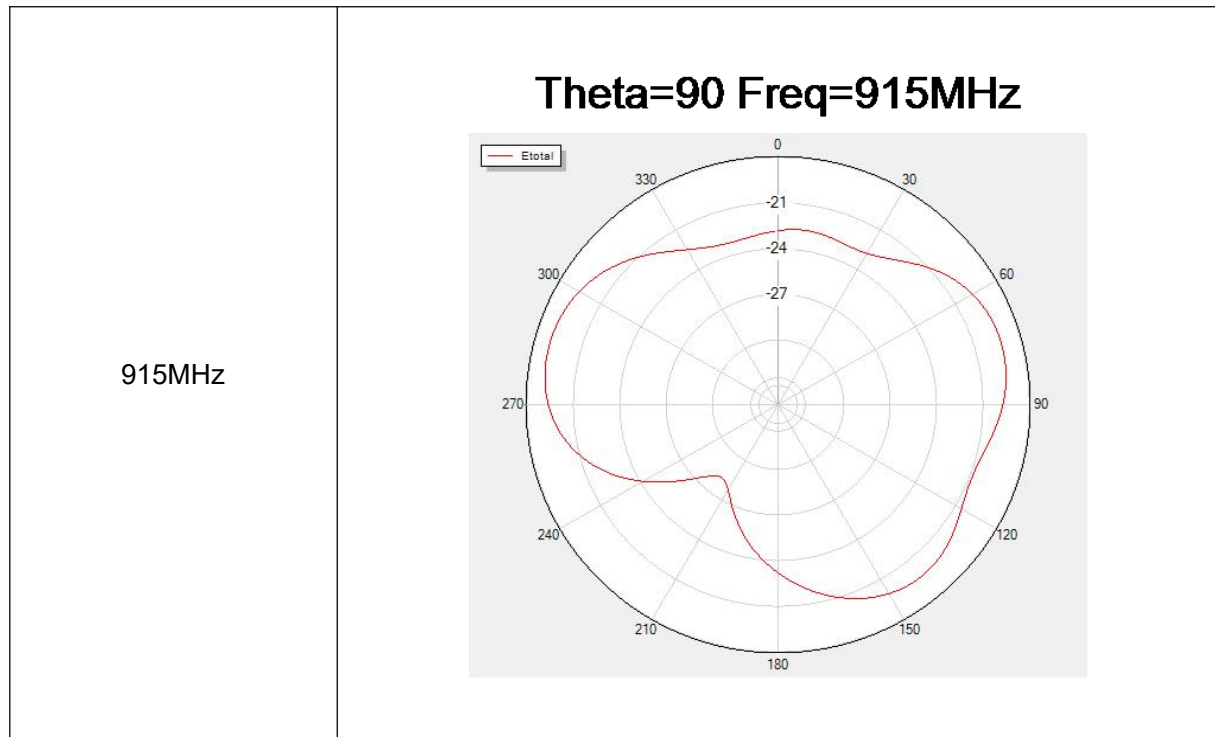
Test Model	LiTYARD 2
EUT	Spring Antenna
Sample No.	1-1
Frequency (MHz)	Gain(dBi)
910	-16.31
915	-16.30
920	-16.51

3.2 Test Graphs

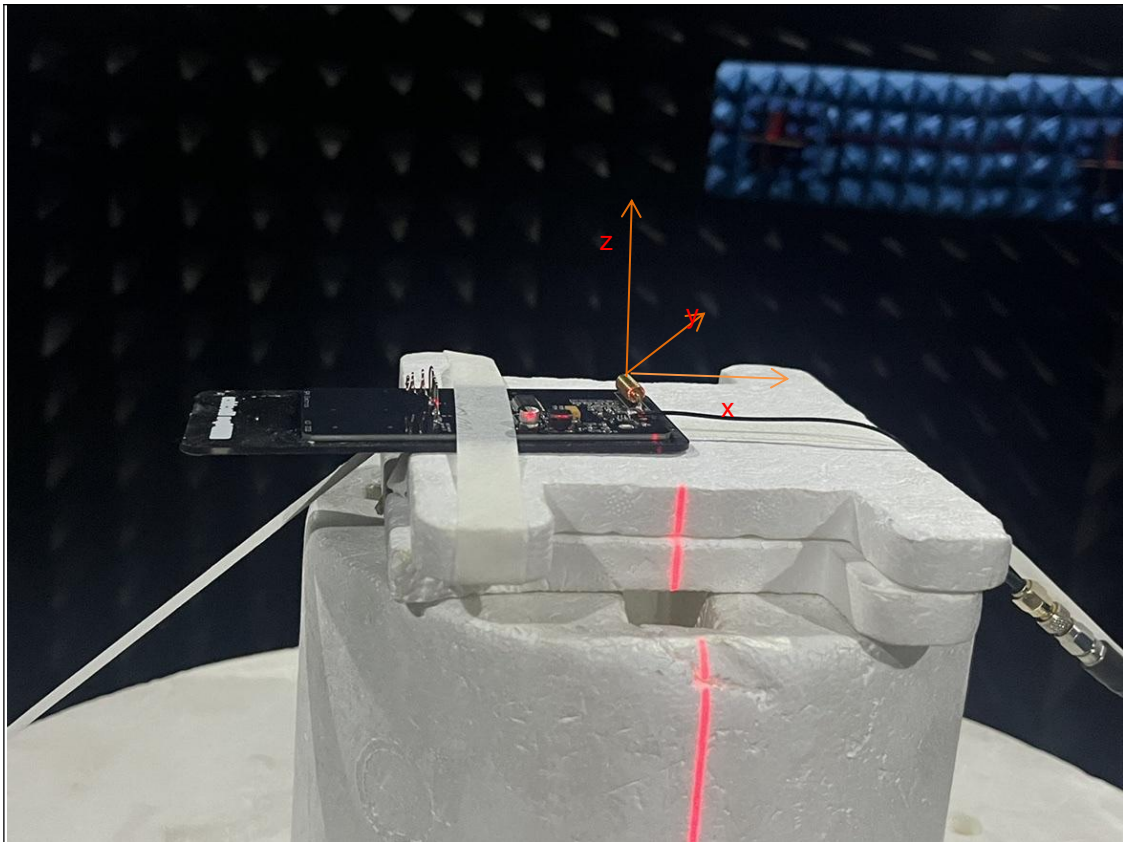




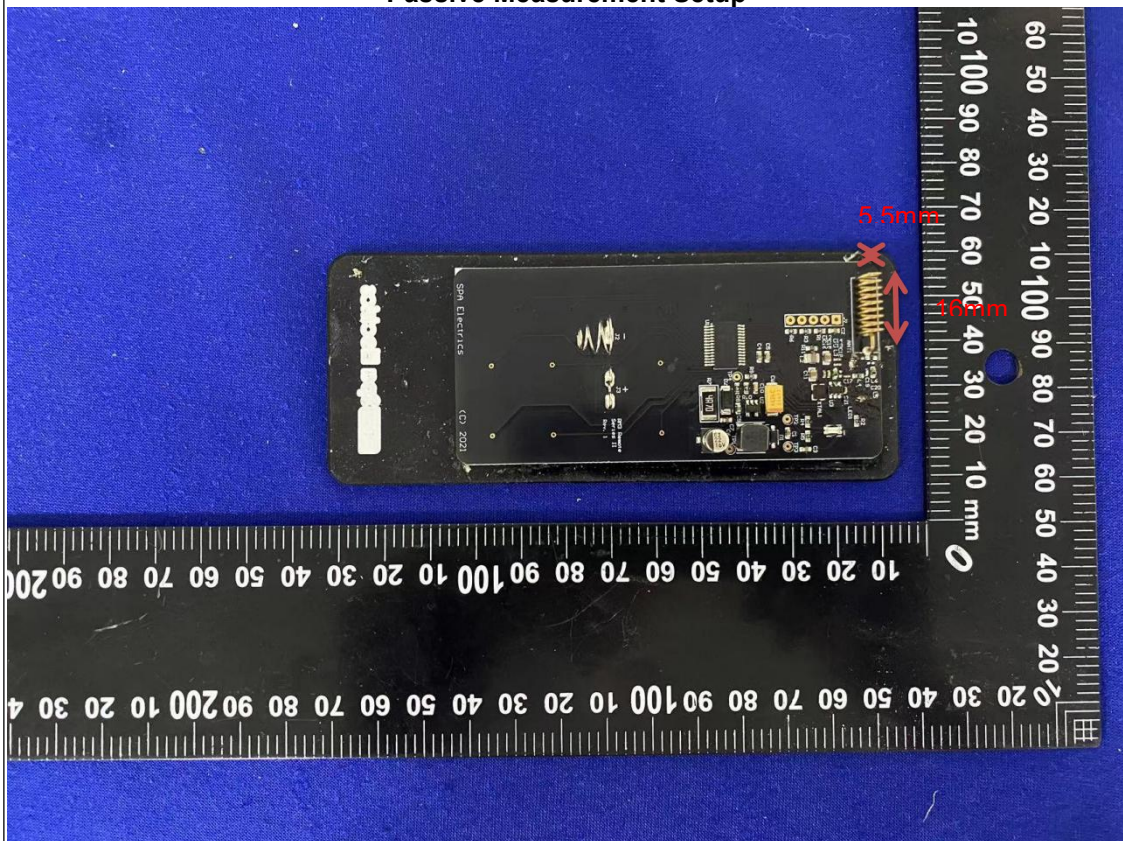
915MHz	Phi=90 Freq=915MHz 
915MHz	Phi=0 Freq=915MHz 



4. PHOTOGRAPH OF TEST SET UP



Passive Measurement Setup

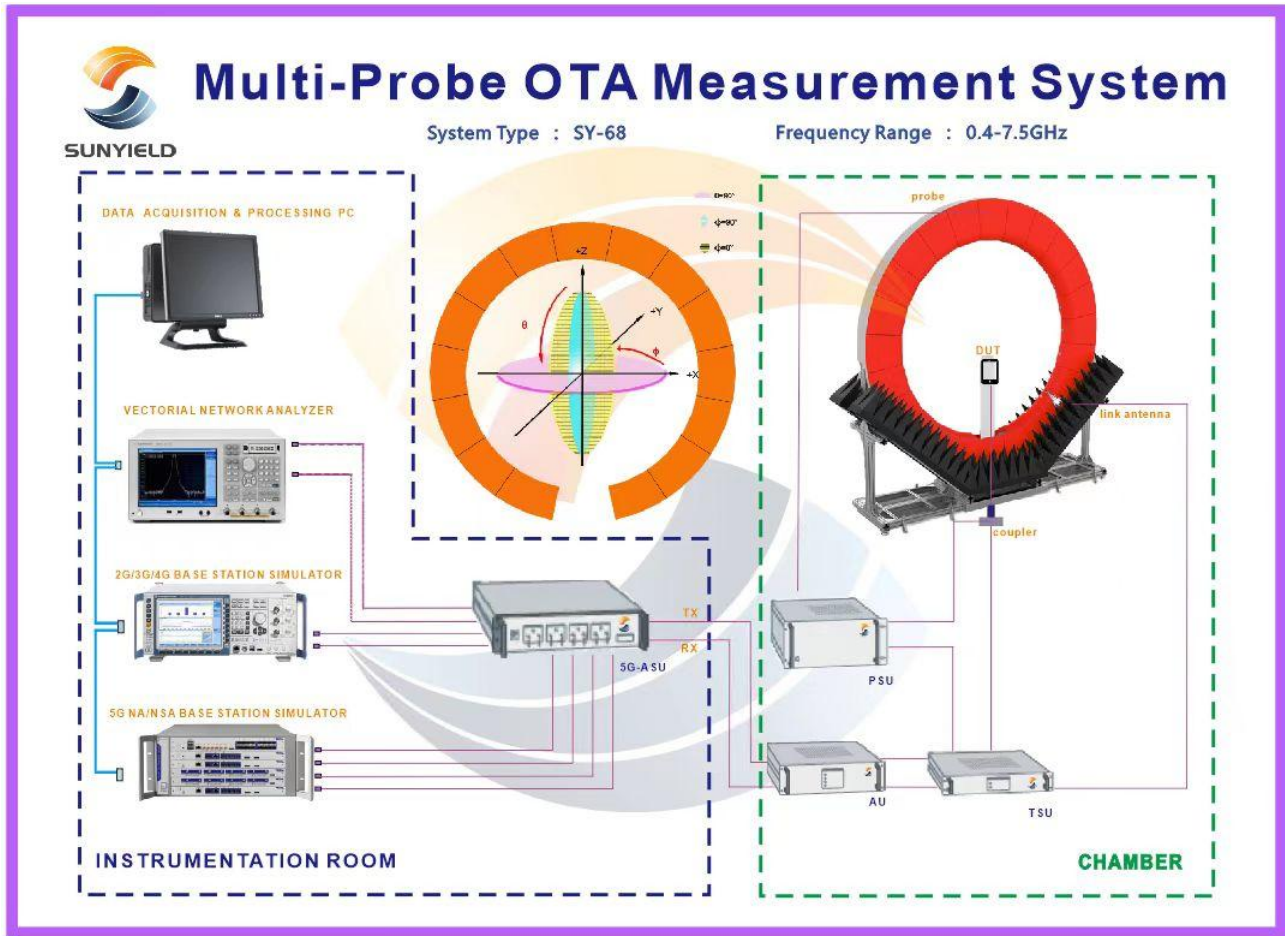




APPENDIX A

Test Equipment	Equipment No.	Serial No.	Manufacturer	Type/Model	Cal.Due	Using
Shielded Room	CS0300038	20211221	SUN YIELD	6m*6m*6m	2024/12/20	√
Wideband Radio Communication Tester	CS0300068	102635	R&S	CMW270	2023/7/4	×
Vector Network Analyzer	CS0300067	101544	R&S	ZNB40	2024/5/25	√
Automatic switching unit	CS0300039	81612472	/	5G ACTIVE SWITCHING UNIT	/	√

APPENDIX B





Important

- (1) The test report is valid 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” means “not applicable”, “/” means “not test”, “P” means “pass” and “F” means “fail”

****The test data and test results given in this test report should only be used for purposes of scientific research, teaching and internal quality control when the CMA symbol is not presented.****

Address of the laboratory:

CVC Testing Technology (Shenzhen) Co., Ltd.

Address: No. 1301, Guanguang Road, Xinlan Community, Guanlan Street,
Longhua District, Shenzhen, Guangdong, 518110, P. R. China

Post Code: 518110 Tel: 0755-23763060-8805

Fax: 0755-23763060 E-mail: sz-kf@cvc.org.cn

<http://www.cvc.org.cn>