

Test Report
No.:GJWSZ2026-0243

TEST REPORT

NAME OF SAMPLE : Cloud Seal

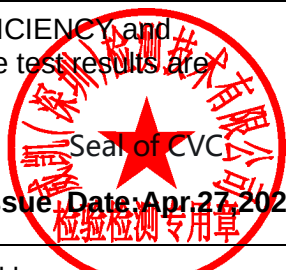
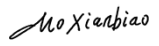
APPLICANT : G7 Logistics Technology(Shanghai) Co.,Ltd.

CLASSIFICATION OF TEST : N/A

CVC Testing Technology (Shenzhen) Co., Ltd.





Applicant	Name: G7 Logistics Technology(Shanghai) Co.,Ltd. Address: ROOM 368, PART 302, NO.211, NORTH FUTE ROAD, CHINA(SHANGHAI)PILOT FREE TRADE ZONE		
Manufacturer	Name: G7 Logistics Technology(Shanghai) Co.,Ltd. Address: ROOM 368, PART 302, NO.211, NORTH FUTE ROAD, CHINA(SHANGHAI)PILOT FREE TRADE ZONE		
Equipment Under Test	Product Name: Cloud Seal Model/Type: BWL500 Brand Name: N/A Serial NO.: N/A Sample NO.:1-1		
Date of Receipt.	Apr.22,2026	Date of Testing	Apr.22,2026~ Apr.23,2026
Test Specification		Test Result	
ANSI/IEEE Std 149-2021 IEEE Recommended Practice for Antenna Measurements		N/A	
Evaluation of Test Result	The ANTENNA GAIN,ANTENNA EFFICIENCY and RADIATION PATTRERNS were tested.The test results are shown on page 10 to page 12.  Issue Date: Apr.27,2026		
Compiled by:  Cai Jianyu Name Signature	Reviewed by:  Mo Xianbiao Name Signature	Approved by:  Dong Sanbi 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

1	SUMMARY OF TEST RESULTS	5
1.1	LIST OF TEST AND MEASUREMENT INSTRUMENTS	6
1.2	MEASUREMENT UNCERTAINTY	7
1.3	TEST LOCATION	7
2	GENERAL INFORMATION	8
2.1	GENERAL PRODUCT INFORMATION	8
2.2	DESCRIPTION OF ACCESSORIES	8
2.3	TEST ENVIRONMENT	8
2.4	GENERAL DESCRIPTION OF APPLIED STADARDS	9
2.5	MEASUREMENT UNCERTAINTY	9
2.6	DESCRIPTION OF SUPPORT UNITS	9
3	TEST TYPES AND RESULTS	10
3.1	ANTENNA GAIN,EFFICIENCY AND RADIATION PATTERNS	10
4	PHOTOGRAPHS OF TEST SETUP	13



RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
GJWSZ2026-0243	Original release	Apr.27,2026



1 SUMMARY OF TEST RESULTS

The EUT has been tested according to the following specifications:

TEST DESCRIPTION	VERDICT
ANTENNA GAIN	---
ANTENNA EFFICIENCY	---
RADIATION PATTERNS	---



1.1 LIST OF TEST AND MEASUREMENT INSTRUMENTS

Test Equipment	Equipment No.	Serial No.	Manufacturer	Type/Mode	Cal.Due	Using
Shielded Room	CS0300038	20211221	SUN YIELD	6m*6m*6m	2027/10/28	√
Wideband Radio Communication Tester	CS0300068	102635	R&S	CMW270	2026/6/5	×
Vector Network Analyzer	CS0300067	101544	R&S	ZNB40	2026/5/21	√
Automated Testing Software System	/	/	SUNYIELD	PSM.V2.8.5	/	√
Automatic switching unit	CS0300039	81612472	/	5G ACTIVE SWITCHING UNIT	/	√



1.2 MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2:

Measurement uncertainty	
Gain	± 0.3 dB

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of $k=2$.

1.3 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
IC(Test firm CAB identifier number: CN0137)
CNAS(Test firm designation number: L16091)



2 GENERAL INFORMATION

2.1 GENERAL PRODUCT INFORMATION

PRODUCT	Cloud Seal
BRAND	N/A
MODEL	BWL500
ADDITIONAL MODEL	N/A
POWER SUPPLY	N/A
TECHNOLOGY CATEGORY	N/A
FREQUENCY	2400~2500MHz
MAXI GAIN	-1.18dBi
CABLE SUPPLIED	N/A
I/O PORTS	Refer to user' s manual
NOTE: 1. For more detailed features description, please refer to the manufacturer's specifications or the User's Manual. 2. For the test results, the EUT had been tested with all conditions. But only the worst case was shown in test report. 3. Since the above data and/or information is provided, CVC is not responsible for the authenticity, integrity and results of the data and information and/or the validity of the conclusion.	

2.2 DESCRIPTION OF ACCESSORIES

N/A

2.3 TEST ENVIRONMENT

Test Environment	
Temperature(°C)	Humidity(%)
23.5	55.7



2.4 GENERAL DESCRIPTION OF APPLIED STANDARDS

It must comply with the requirements of the following standards:

**ANSI/IEEE Std 149-2021 IEEE Recommended Practice for
Antenna Measurements**

2.5 MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2:

Measurement uncertainty	
Gain	± 0.3

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of $k=2$.

2.6 DESCRIPTION OF SUPPORT UNITS

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Support Equipment							
NO	Description	Brand	Model No.	Serial Number	Supplied by		
1	N/A	N/A	N/A	N/A	N/A		
Support Cable							
NO	Description	Quantity (Number)	Length (cm)	Detachable (Yes/ No)	Shielded (Yes/ No)	Cores (Number)	Supplied by
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A



3 TEST TYPES AND RESULTS

3.1 ANTENNA GAIN,EFFICIENCY AND RADIATION PATTERNS

3.1.1 LIMITS OF ANTENNA GAIN,EFFICIENCY AND RADIATION PATTERNS

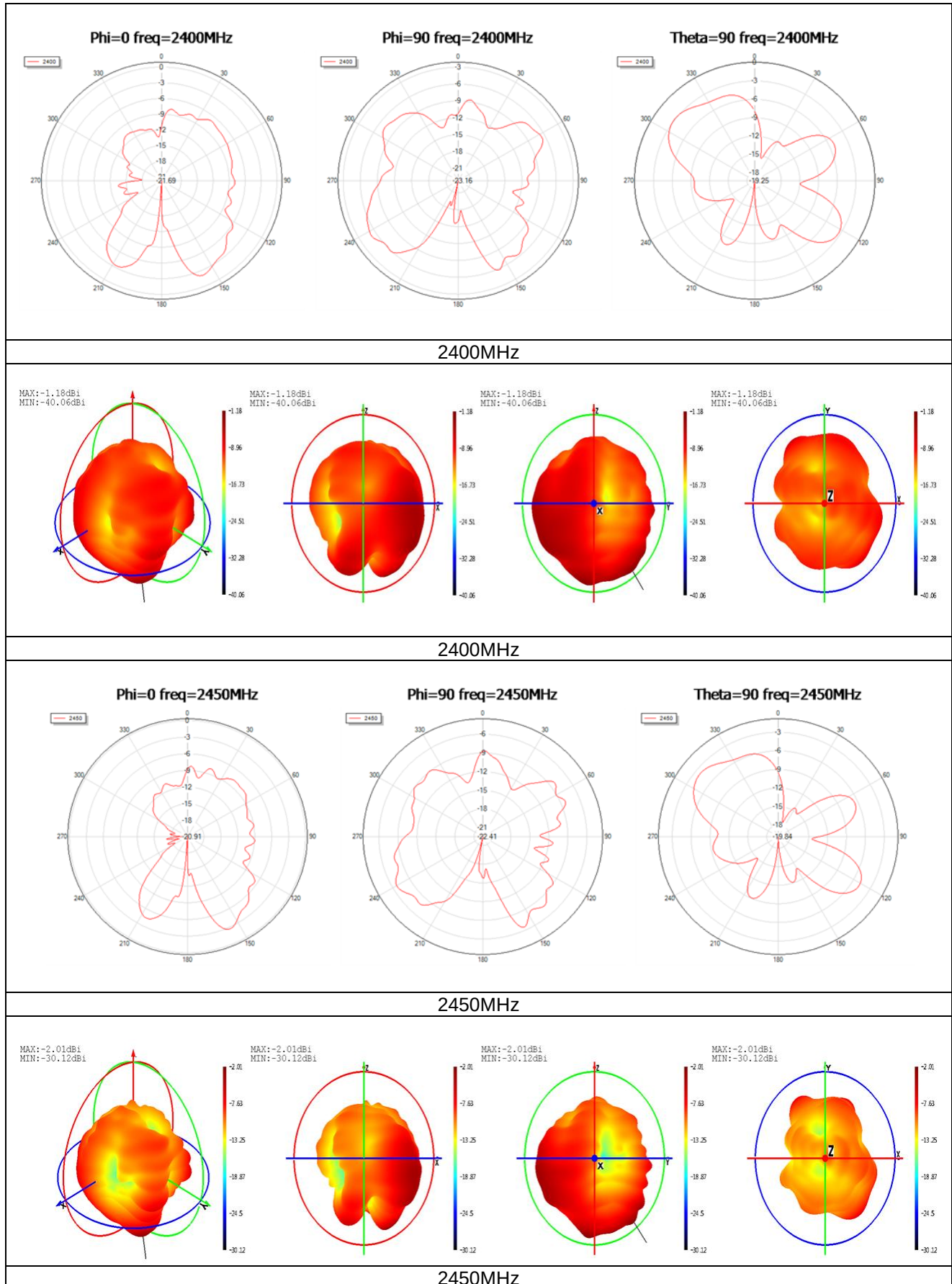
TEST ITEMS	REQUIREMENTS
Antenna Gain	---
Antenna Efficiency	---
Radiation Patterns	---

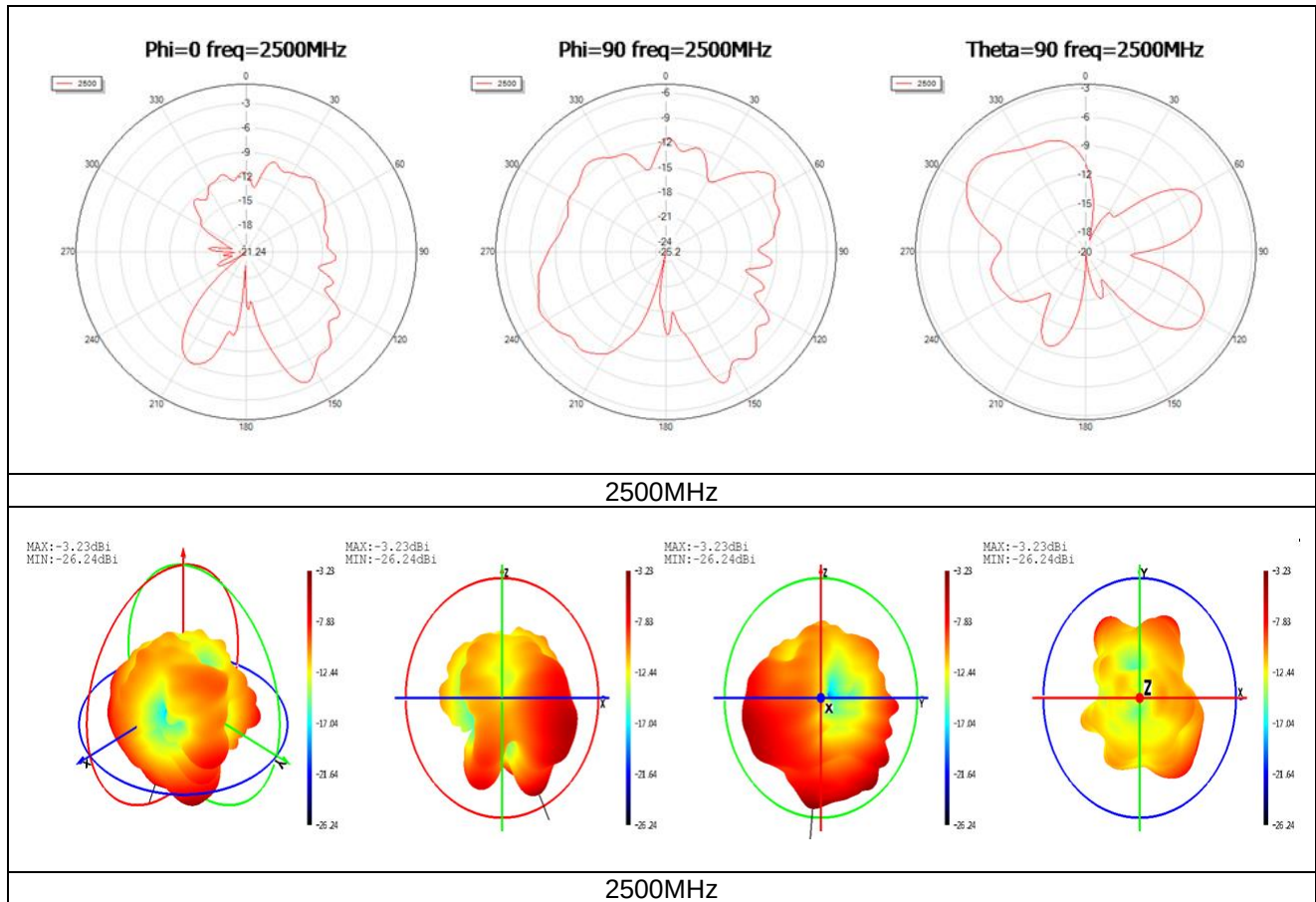
3.1.2 TEST RESULTS

Frequency(MHz)	Antenna Gain(dBi)	Antenna Efficiency(dB)	Antenna Efficiency(%)
2400	-1.18	-7.53	17.66
2410	-1.40	-7.68	17.07
2420	-1.68	-7.94	16.05
2430	-2.07	-8.25	14.97
2440	-1.92	-8.32	14.71
2450	-2.01	-8.37	14.57
2460	-2.11	-8.43	14.37
2470	-2.69	-8.66	13.61
2480	-3.17	-8.93	12.78
2490	-3.36	-9.10	12.29
2500	-3.23	-9.25	11.89

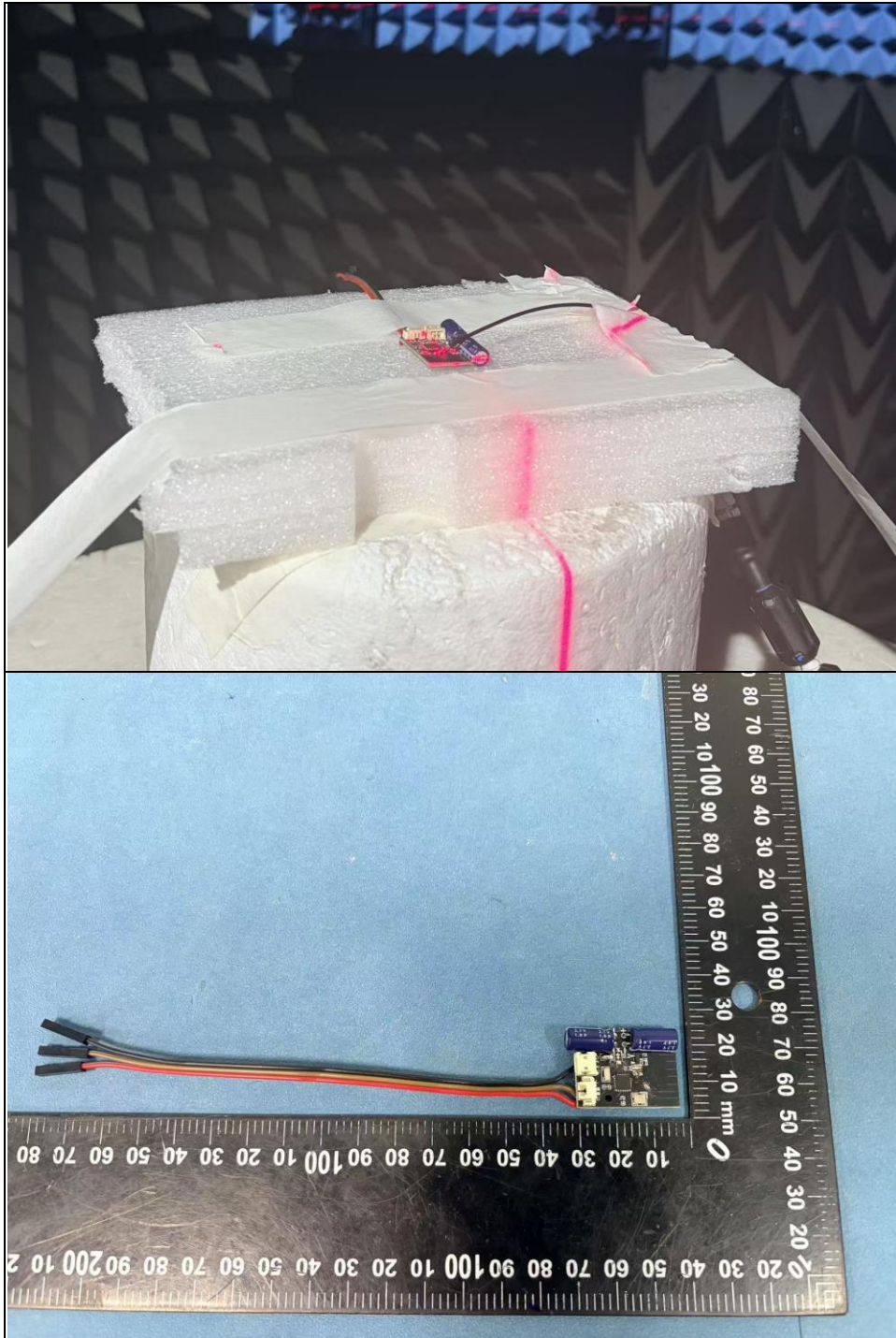


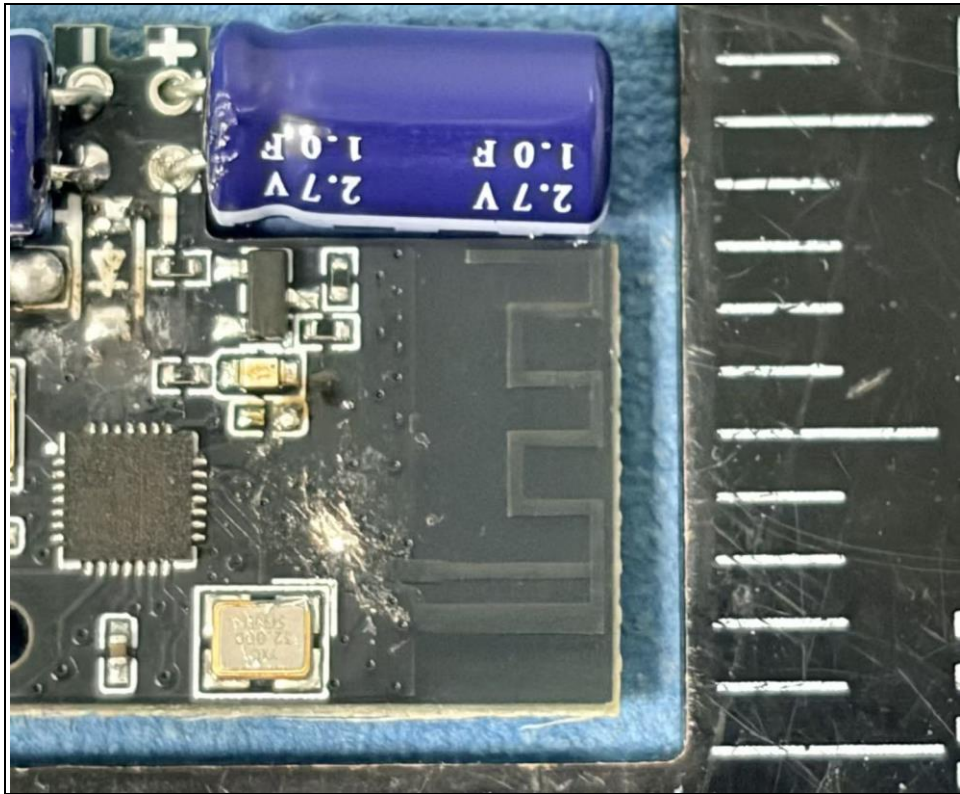
3.1.3 ANTENNA PATTERNS





4 PHOTOGRAPHS OF TEST SETUP





Antenna



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 tester, reviewer and approval;
- (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 results apply to the samples as received. The sample information is provided by the customer and laboratory is not responsible for its authenticity;
- (7) As for the test result “-” or “N” means “not applicable”, “/” means “not test”, “P” means “pass” and “F” means “fail”

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