



REPORT No.: SZ26010473E01

TEST REPORT

APPLICANT : Wuhan Linptech Co., Ltd

PRODUCT NAME : PCB Printed Antenna

MODEL NAME : N/A

TRADE NAME : N/A

BRAND NAME : N/A

STANDARD(S) : IEEE Std 149-2021

RECEIPT DATE : 2026-01-30

TEST DATE : 2026-02-02

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MORLAB

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Change History		
Version	Date	Reason for change
1.0	2026-02-10	First edition

Note: the latest revision of the report supersedes all previous version.



1. Technical Information

Note: Provide by applicant.

1.1. Applicant and Manufacturer Information

Applicant:	Wuhan Linptech Co., Ltd
Applicant Address:	Rm 305, R&D Center, No. 8, Fortune Second Road, Donger Industrial Park, East Lake New Technology Development Zone, Wuhan, Hubei, China
Manufacturer:	Wuhan Linptech Co., Ltd
Manufacturer Address:	Rm 305, R&D Center, No. 8, Fortune Second Road, Donger Industrial Park, East Lake New Technology Development Zone, Wuhan, Hubei, China

1.2. Equipment Under Test (EUT) Description

Wireless Type	N/A
Frequency	902MHz-928MHz
Antenna Type	PCB Antenna
Product HW Version	N/A
Product SW Version	N/A
Serial Number	N/A
Sample No.	1#



2. Test Results

2.1. Applied Reference Documents

Leading reference documents for testing:

No.	Identity	Document Title
1	IEEE Std 149-2021	IEEE Recommended Practice for Antenna Measurements

Notes: Any additions, deviation, or exclusions from the method shall be noted in the "Remark".

2.2. Test Conditions

Test Environment Conditions:

Relative Humidity(%):	25 - 75
Temperature(°C):	10 - 30

2.3. Measurement Uncertainty

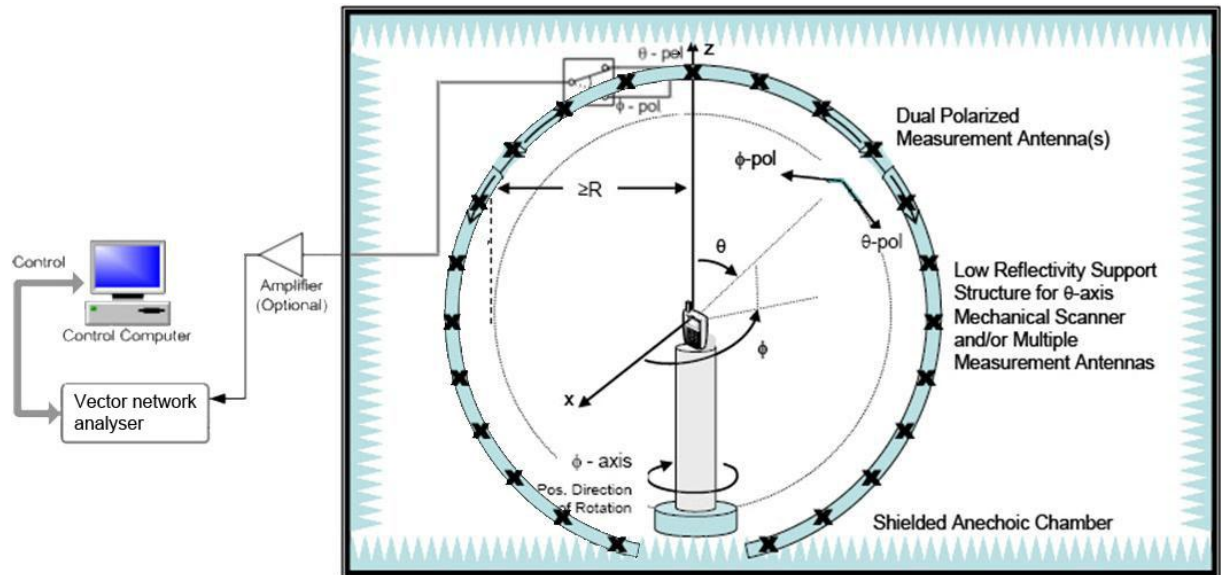
The uncertainty is calculated using the methods suggested in the "Guide to the Expression of Uncertainty in Measurement" (GUM) published by ISO.

2.4. Test Results lists

2.4.1. Gain

Frequency (MHz)	Gain(dBi)
902	-6.95
904	-6.87
906	-6.75
908	-6.64
910	-6.54
912	-6.46
914	-6.32
916	-6.17
918	-6.05
920	-6.02
922	-5.95
924	-5.89
926	-5.81
928	-5.77

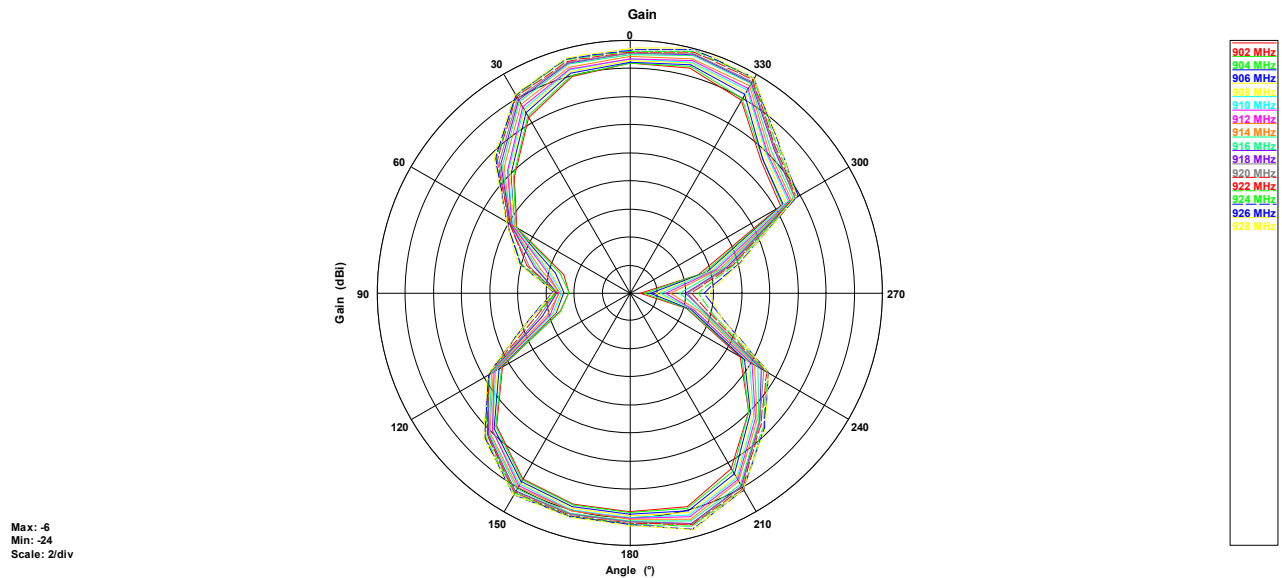
Annex A Test Setup Photos



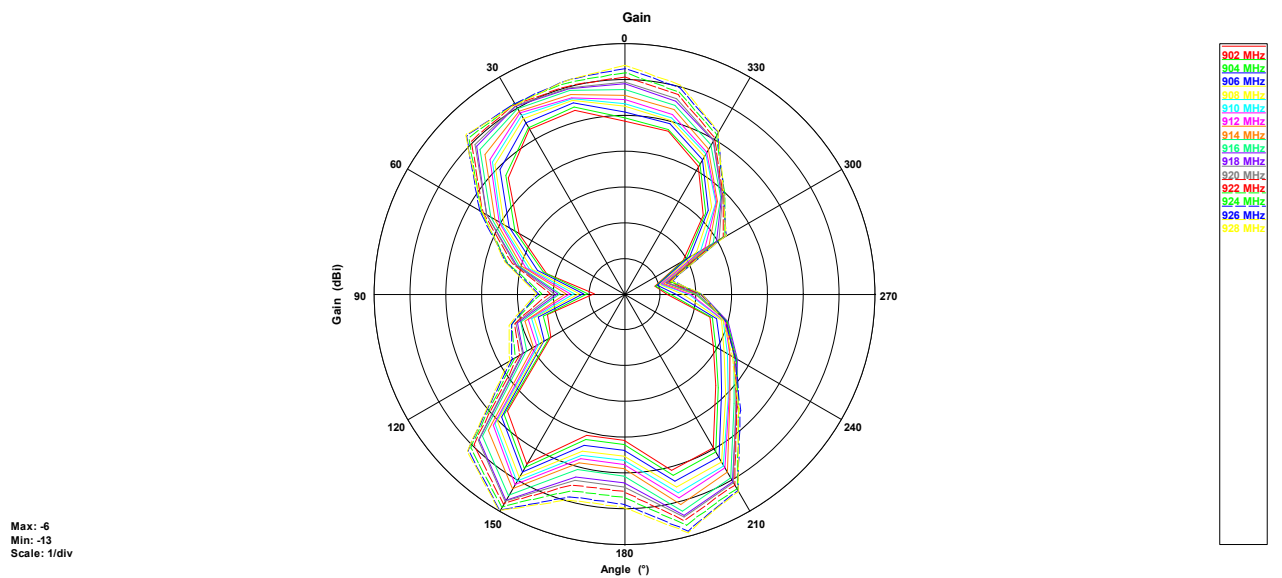


Annex B Figures

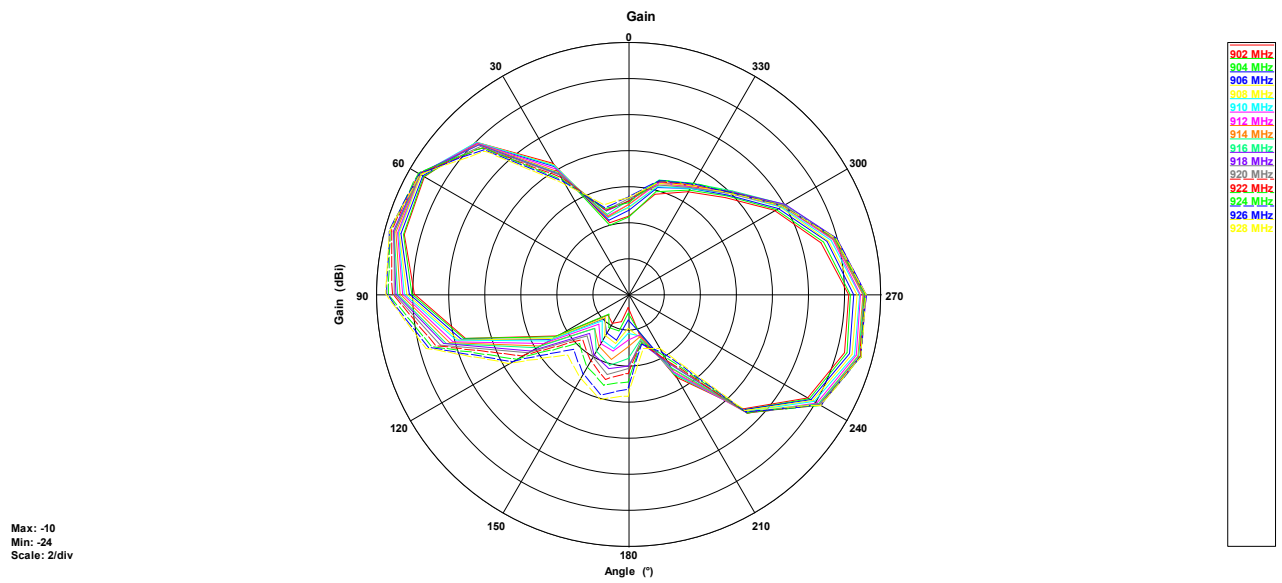
1. 2D Radiation Pattern



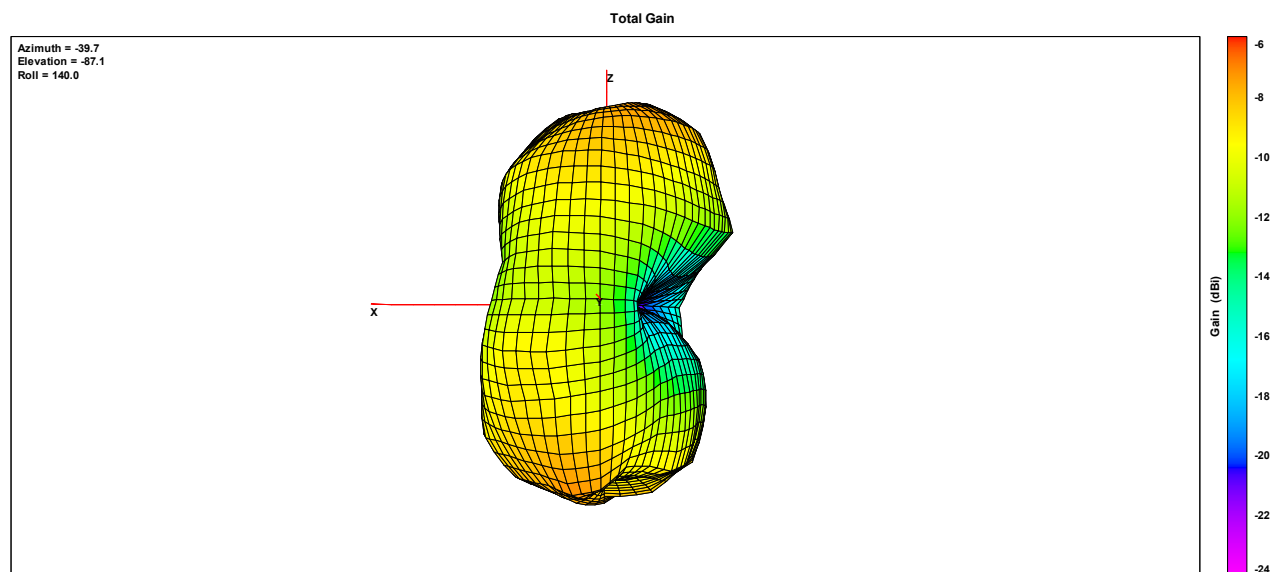
Phi=0°



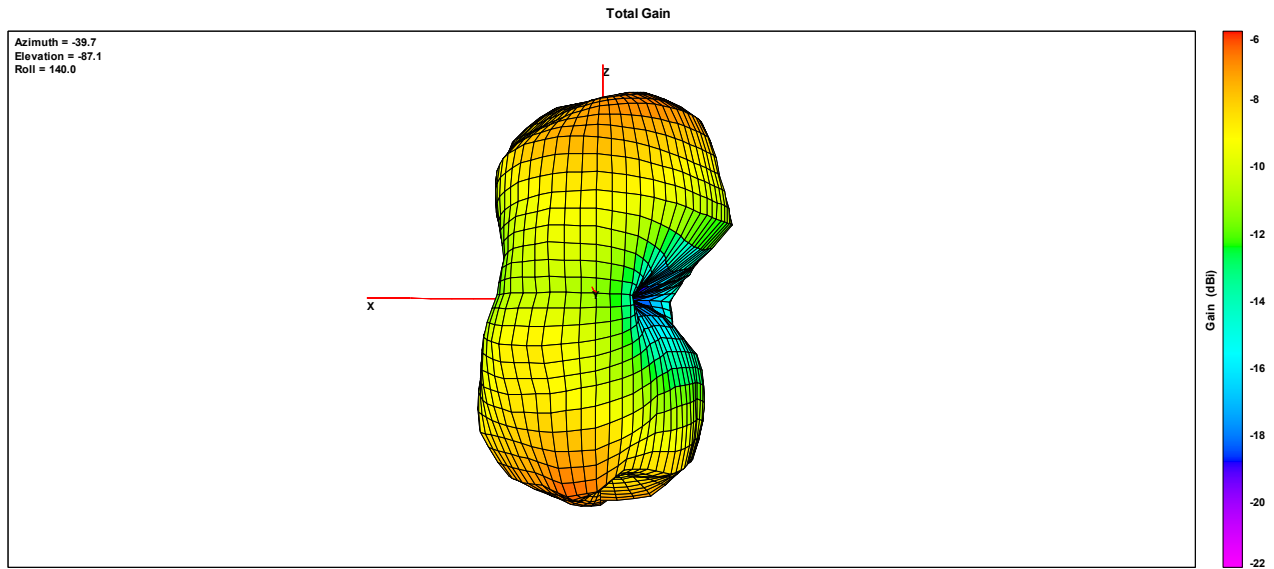
Phi=90°



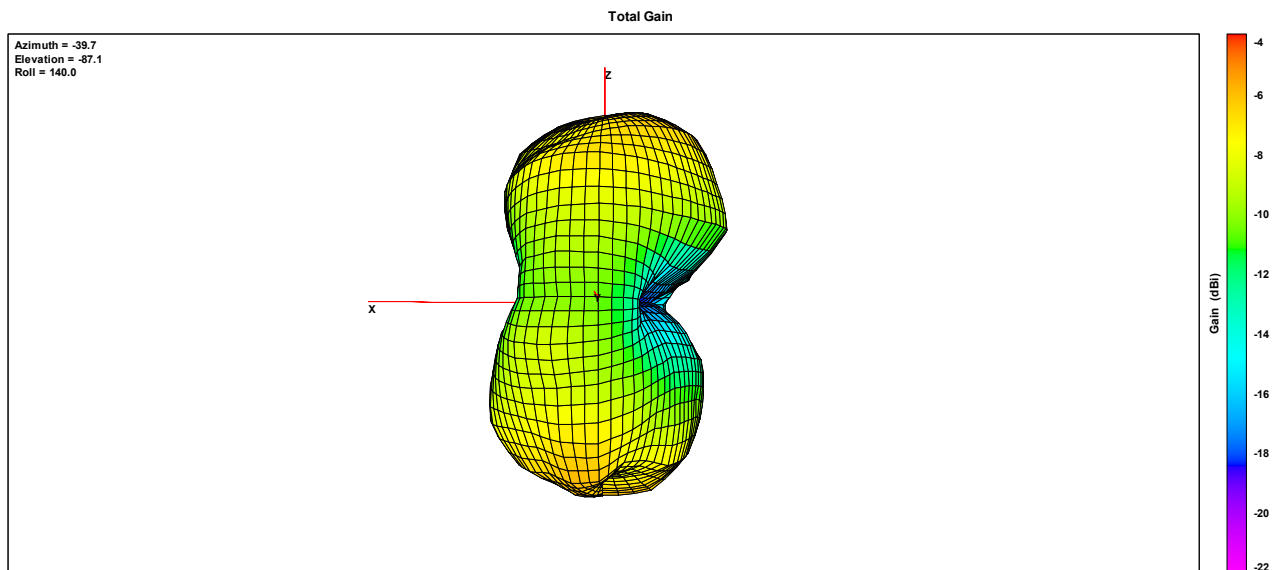
2. 3D Radiation Pattern



902MHz



914MHz



928MHz



Annex C Testing Laboratory Information

1. Identification of the Responsible Testing Laboratory

Laboratory Name:	Shenzhen Morlab Communications Technology Co., Ltd.
Laboratory Address:	FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road, Block67, BaoAn District, ShenZhen , GuangDong Province, P. R. China
Telephone:	+86 755 36698555
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2. Identification of the Responsible Testing Location

Name:	Shenzhen Morlab Communications Technology Co., Ltd.
Address:	FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road, Block67, BaoAn District, ShenZhen , GuangDong Province, P. R. China

3. Test Equipment Utilized

3.1 Test Equipments

No.	Equipment Name	Serial No.	Type	Manufacturer	Cal.Date	Cal.Due Date
1	Network Analyzer	MY46110140	E5071C	Agilent	2025.05.13	2026.05.12
2	OTA Chamber	TJ2235-Q1793	AMS-8923 -150	ETS	2025.11.15	2028.11.14

3.2 Test Software

No.	Software Name	Serial No.	Version	Manufacturer
1	Antenna Measurement System	1685	EMQuest EMQ-100 V 1.13 Build 21267	ETS



Notes

1. The report shall have report stamp or our company stamp.
2. The report shall be invalid without all the signatures of the editor and approver.
3. The report shall not be changed.
4. Any objections must be raised to Morlab within 15 days since the date when the report is received. It will not be taken into consideration beyond this limit.
5. Conformity declaration:
 - ☒ Morlab issues a statement of conformity based on the corresponding standards (default)
 - ☐ Morlab issues a statement of conformity based on the applicant requirement
6. Use of uncertainty of measurement for decisions on conformity (decision rule):

No decision rule is specified by the testing standard, when comparing the measurement result with the applicable limit according to the specification in that standard. The decisions on conformity are made without applying the measurement uncertainty ("simple acceptance" decision rule).
7. The Main report is end here and the other Annex D will be submitted separately.

————— END OF MAIN REPORT —————