



TEST REPORT

APPLICANT : Shenzhen Hohem Technology Co., Ltd.

PRODUCT NAME : M5 PANEL

MODEL NAME : M5

TRADE NAME : hohem

BRAND NAME : hohem

STANDARD(S) : IEEE Std 149-2021

RECEIPT DATE : 2022-04-06

TEST DATE : 2022-04-08

ISSUE DATE : 2023-07-04



Edited by:

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Chi Shide(Supervisor)

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Change History		
Version	Date	Reason for change
1.0	2023-07-04	First edition



1. Technical Information

Note: Provide by applicant.

1.1. Applicant and Manufacturer Information

Applicant:	Shenzhen Hohem Technology Co., Ltd.
Applicant Address:	B106, University Creative Park, Xili, Nanshan, Shenzhen, China
Manufacturer:	Shenzhen Hohem Technology Co., Ltd.
Manufacturer Address:	B106, University Creative Park, Xili, Nanshan, Shenzhen, China

1.2. Equipment Under Test (EUT) Description

Wireless Type	N/A
Test frequency band	2400MHz-2500MHz
Brand name	N/A
Hardware Version	N/A
Software Version	N/A
IMEI	N/A
Sample number	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

2.2. Test Conditions

Test Environment Conditions:

Relative Humidity:	25 ... 75 %
Temperature:	+10 °C to +30 °C

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. When the test result is a critical value, we will use the measurement uncertainty give the judgment result based on the 95% Confidence intervals.



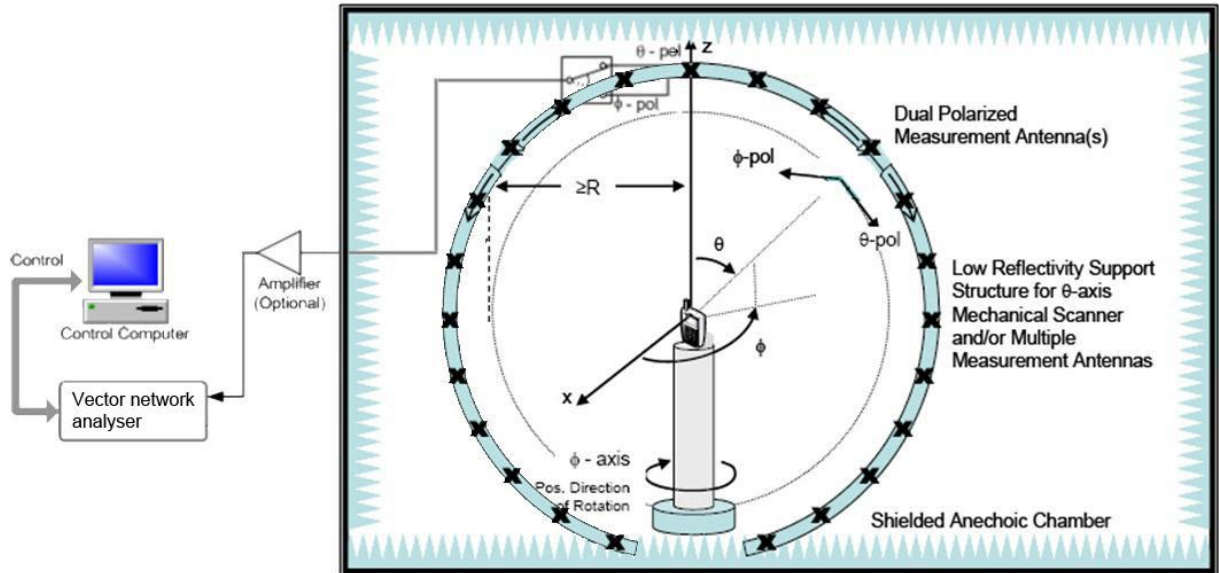
2.4. Test Results lists

2.4.1. Gain

Frequency	Gain(dBi)
2400MHz	-5.42
2410MHz	-5.70
2420MHz	-4.95
2430MHz	-5.50
2440MHz	-5.93
2450MHz	-6.01
2460MHz	-6.08
2470MHz	-5.82
2480MHz	-5.70
2490MHz	-5.59
2500MHz	-5.51



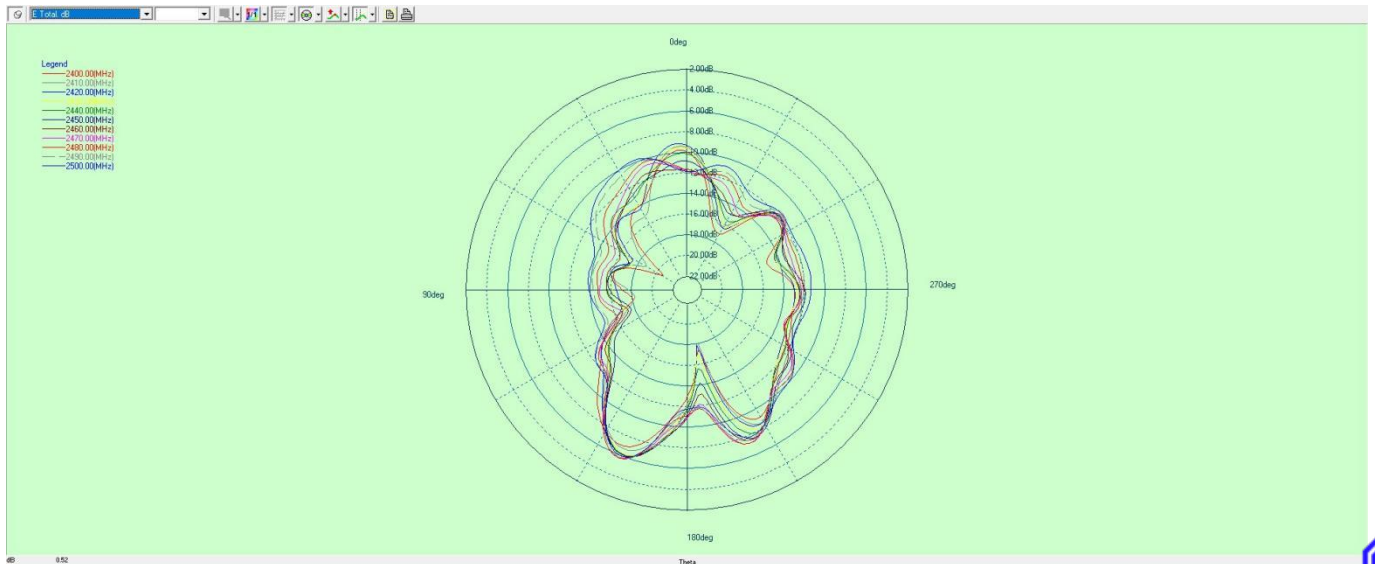
Annex A Test Setup Photos



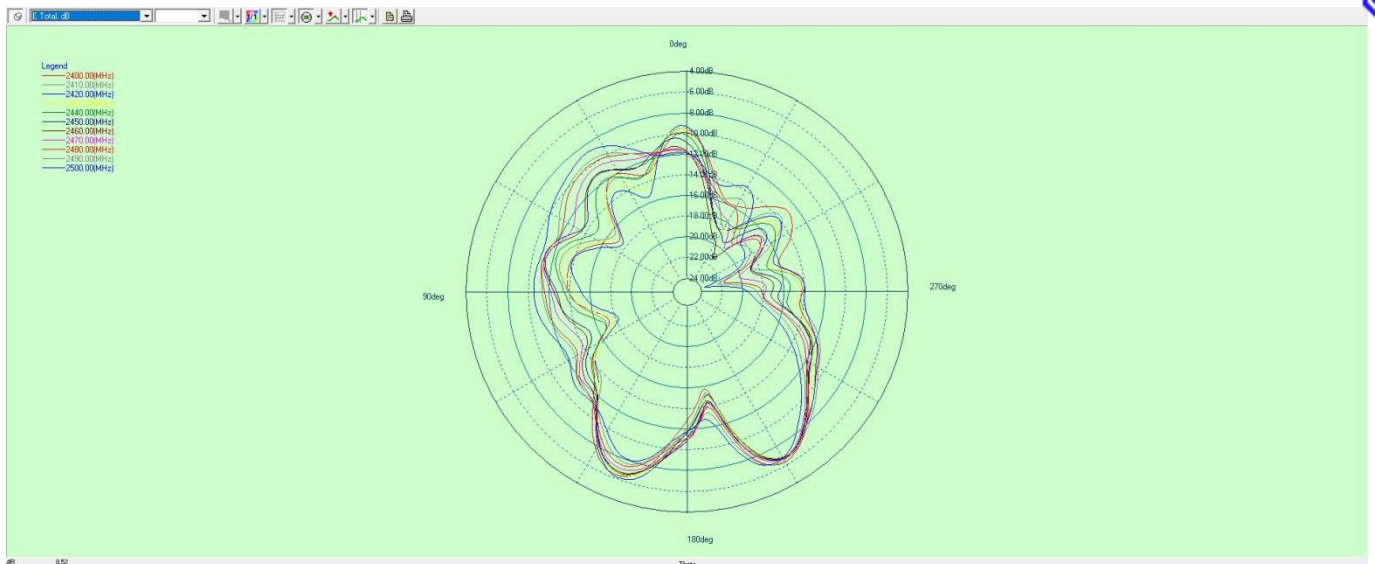
Annex B Figures

1. 2D Radiation Pattern

Phi=0°

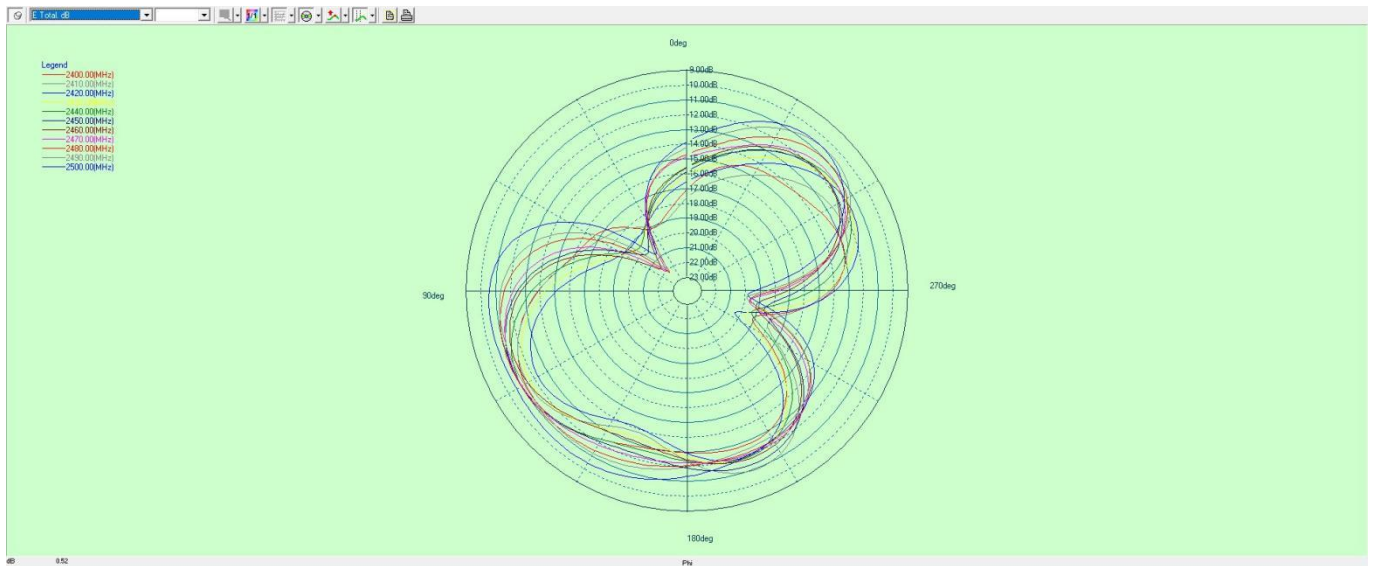


Phi=90°

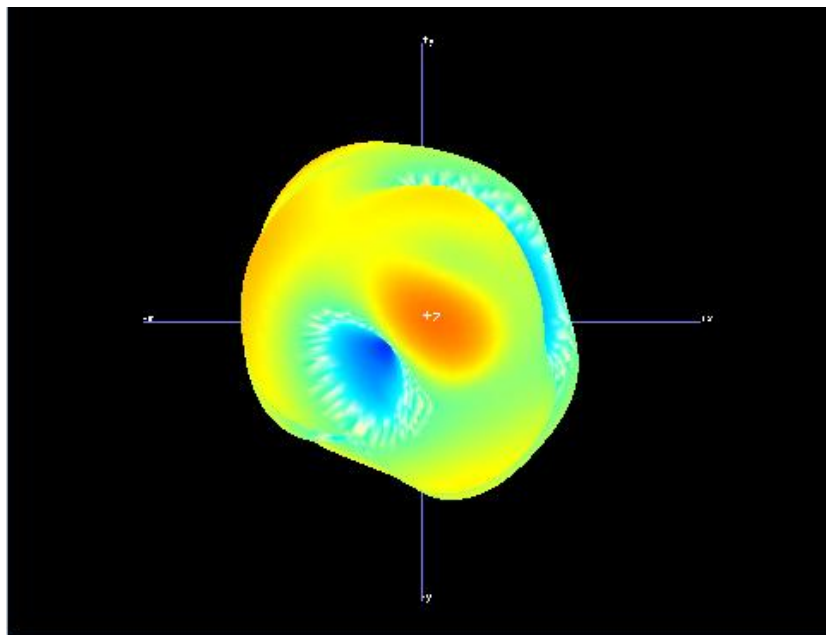




Theta=90°

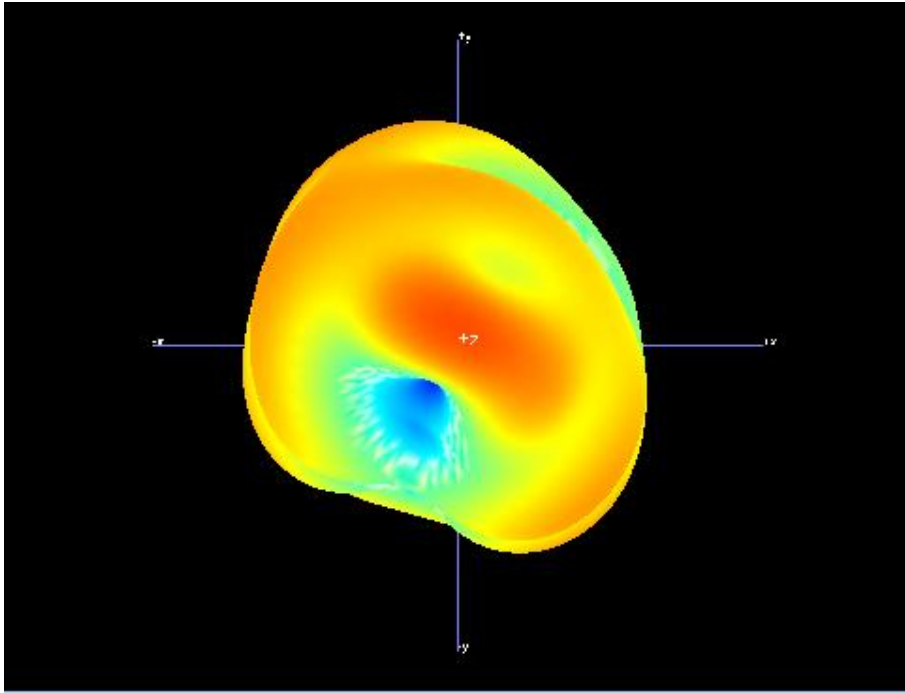


2. 3D Radiation Pattern

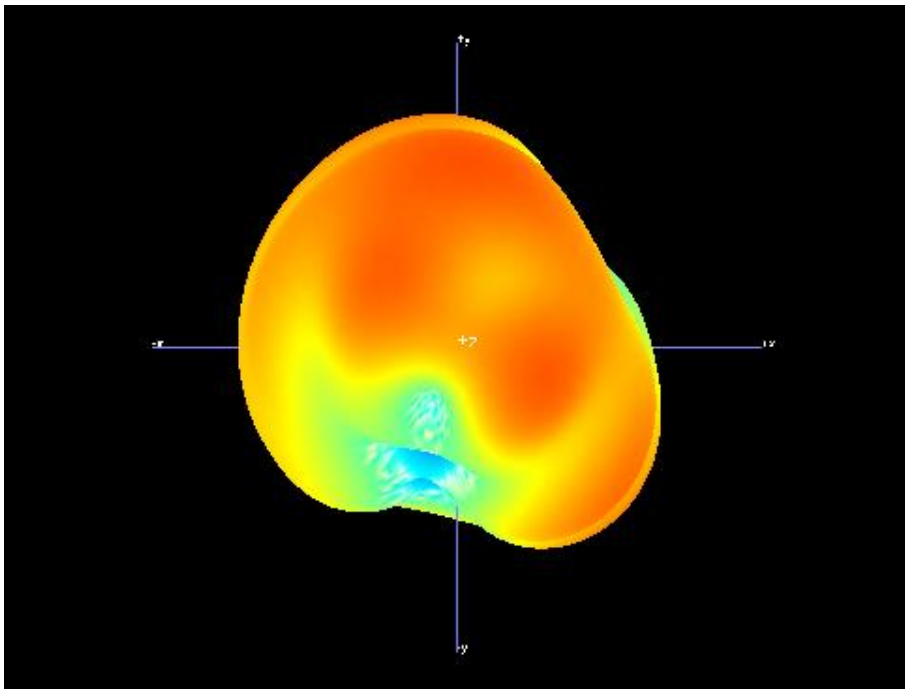


2400MHz





2440MHz



2480MHz





Annex C General Information

1.1 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
Facsimile:	+86 755 36698525

1.2 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

1.3 Test Equipments Utilized

NO.	Equipment Name	Serial NO.	Type	Manufacturer	Cal.Date	Cal.Due Date
1	Vector Network Analyzer	MY46214666	E5071C	Agilent	2022.03.01	2023.02.28
2	OTA Chamber	N/A	SG24	Satimo	2021.01.12	2024.01.11
3	SatEnv	N/A	2.0.1.5 build 12	Satimo	N/A	N/A
4	SPM	N/A	1.11	Satimo	N/A	N/A

Note:The Main report is end here and the other Annex D will be submitted separately.

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