



REPORT No.: SZ21080442E10A

TEST REPORT

APPLICANT : Hohem Technology Co., Ltd.

PRODUCT NAME : Splashproof 3-Axis Action Camera Gimbal

MODEL NAME : iSteady Pro4

TRADE NAME : hohem

BRAND NAME : hohem

STANDARD(S) : ANSI/IEEE Std 149-2008

RECEIPT DATE : 2021-10-14

TEST DATE : 2021-10-18

ISSUE DATE : 2023-03-13



Edited by:

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MORLAB

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Change History		
Version	Date	Reason for change
1.0	2023-03-13	First edition

1. Technical Information

Note: Provide by manufacturer.

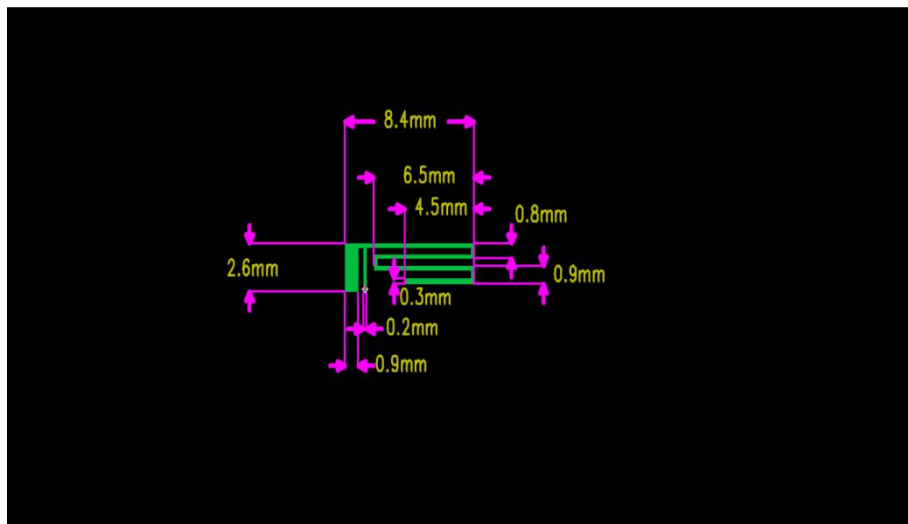
1.1. Applicant and Manufacturer Information

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

1.2. Equipment Under Test (EUT) Description

Wireless Type	Bluetooth
Test frequency band	2400MHz-2500MHz
Brand name	hohem
Antenna model	iSteady Pro4
Hardware Version	V1.00
Software Version	V1.001
IMEI	N/A
Sample number	2#

Dimensions:



Note 1: The original report SZ21080442E10 has been replaced by the SZ21080442E10A.

Note 2: The sample photos shall be provided separately in Annex C according to customer requirements.



2. Test Results

2.1. Applied Reference Documents

Leading reference documents for testing:

No.	Identity	Document Title
1	ANSI/IEEE Std 149-2008	IEEE Standard Test Procedures for Antennas

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.

Item	Measurement Uncertainty(dB)
Gain	±0.5
VSWR	±0.2
Measurement Uncertainty(95% Confidence Interval) K=2	

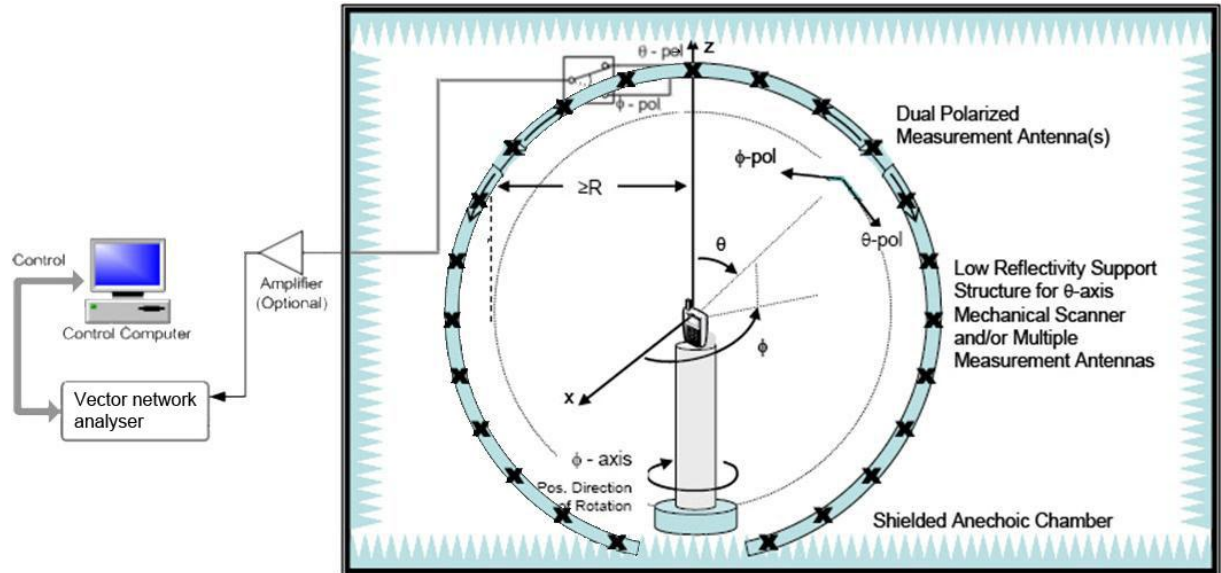


2.4. Test Results lists

2.4.1. Gain

Frequency	Gain(dBi)
2400MHz	-6.22
2410MHz	-5.42
2420MHz	-5.27
2430MHz	-4.57
2440MHz	-4.49
2450MHz	-3.82
2460MHz	-4.17
2470MHz	-4.08
2480MHz	-3.94
2490MHz	-2.92
2500MHz	-2.16

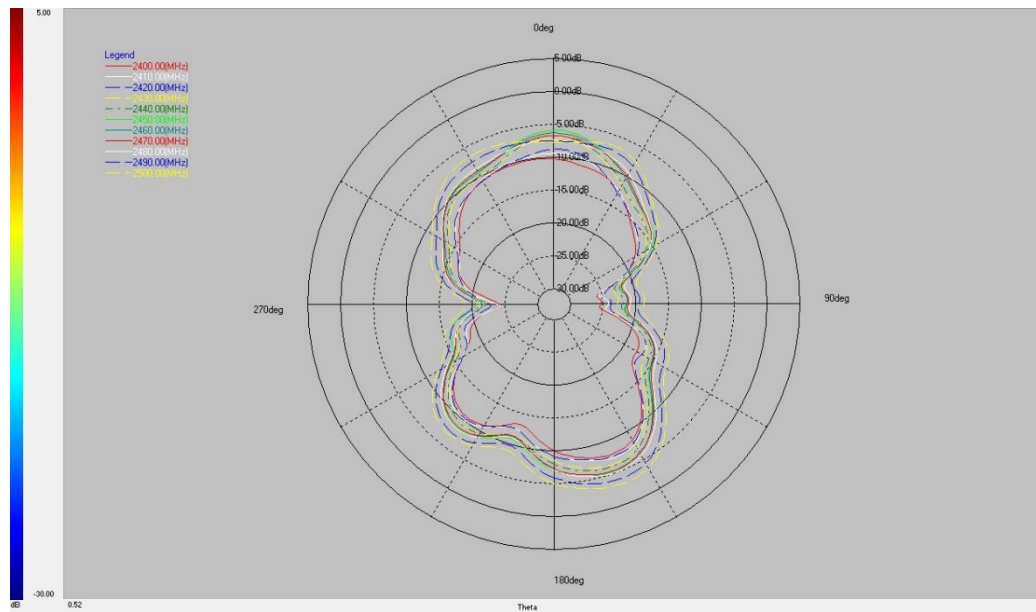
Annex A Test Setup Photos



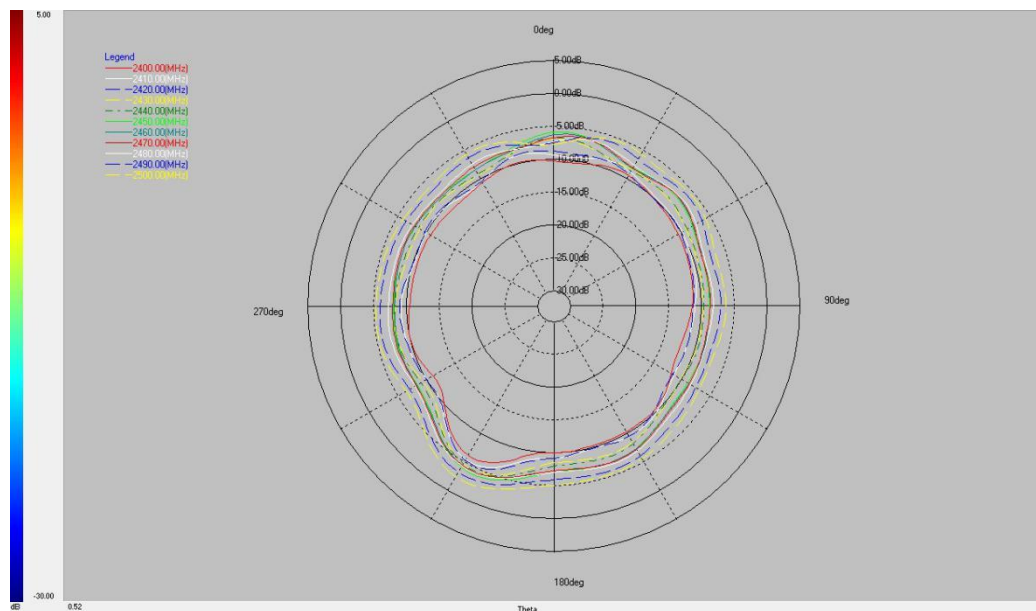
Annex B Figures

1. 2D Radiation Pattern

Phi=0°



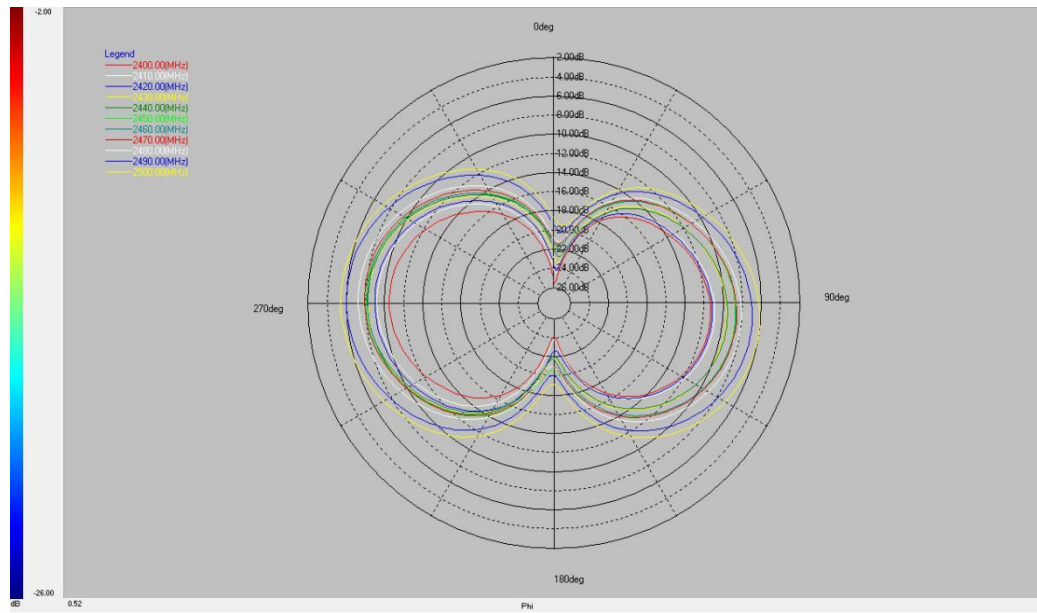
Phi=90°



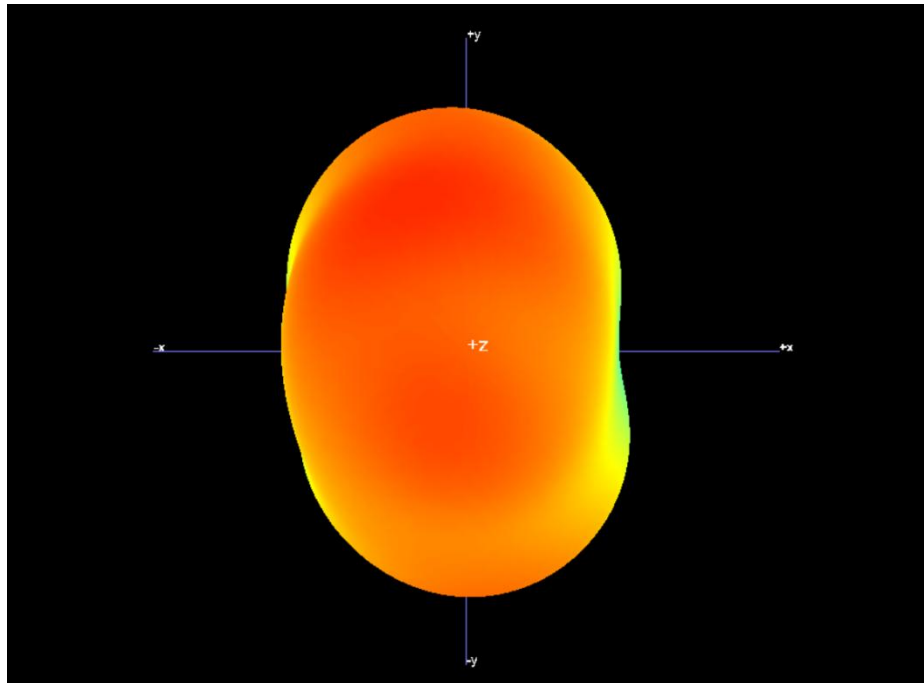


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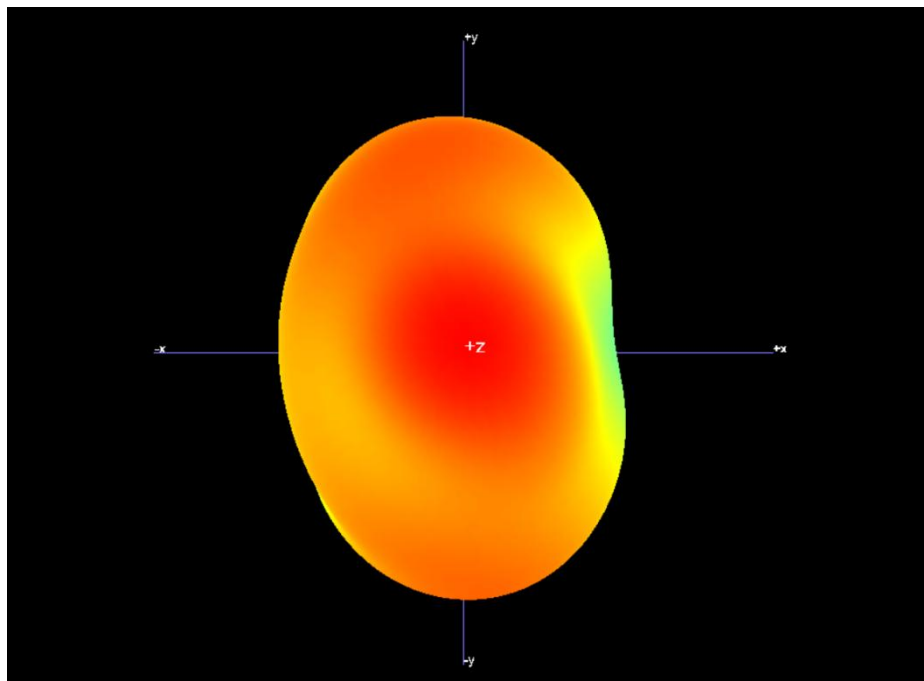
Theta=90°



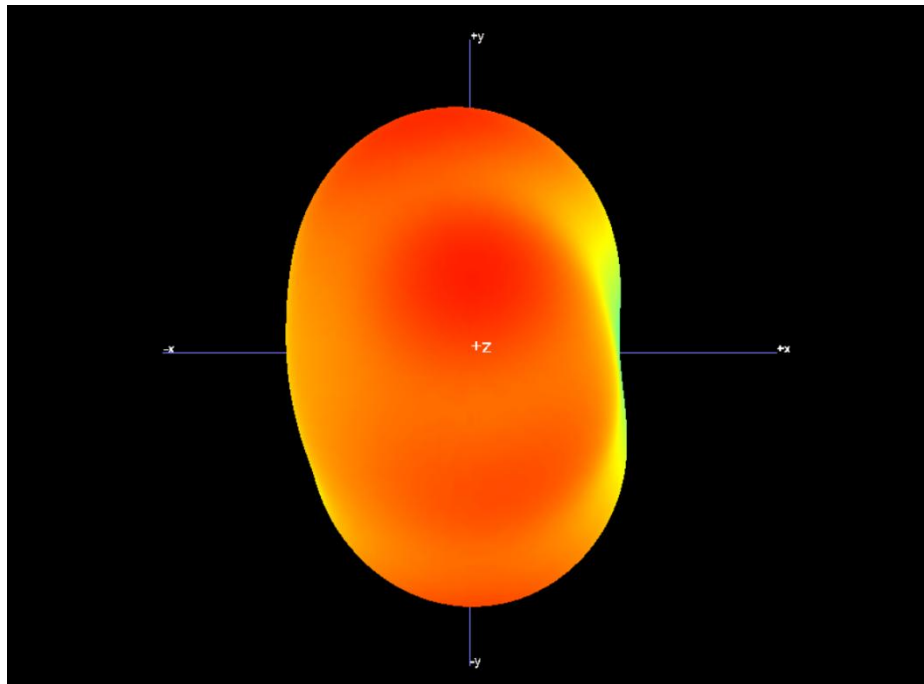
2. 3D Radiation Pattern



2400MHz



2440MHz



2480MHz



Annex D 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

1.3.1 List of Test Equipment

NO.	Equipment Name	Serial NO.	Type	Manufa cturer	Cal.Date	Cal.Due Date
1	Vector Network Analyzer	MY46214666	E5071C	Agilent	2021.03.17	2022.03.16
2	OTA Chamber	N/A	SG24	Satimo	2021.01.12	2024.01.11
3	Antenna Measurement System	N/A	Satenv V1.4.1.14 build1	Satimo	N/A	N/A

————— END OF REPORT —————