REPORT No.: SZ21080442E10

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	:	2021-10-20

Edited by: Ke Zhiqing(Rapporteur)

Approved by: Chi Shide(Supervisor)

MORLAB

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DIRECTORY

Change History		
Version	Date	Reason for change
1.0	2021-10-20	First edition

1.Technical Information

Note: Provide by manufacturer.

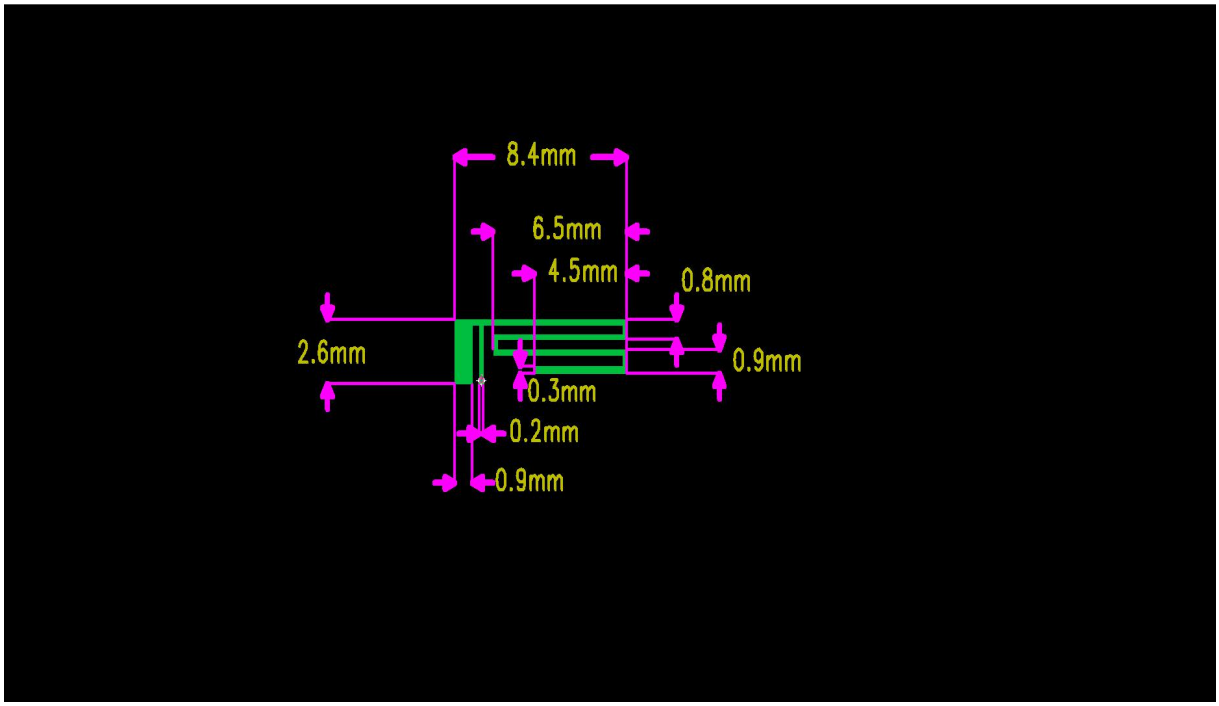
1.1. Applicant and Manufacturer Information

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:



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	

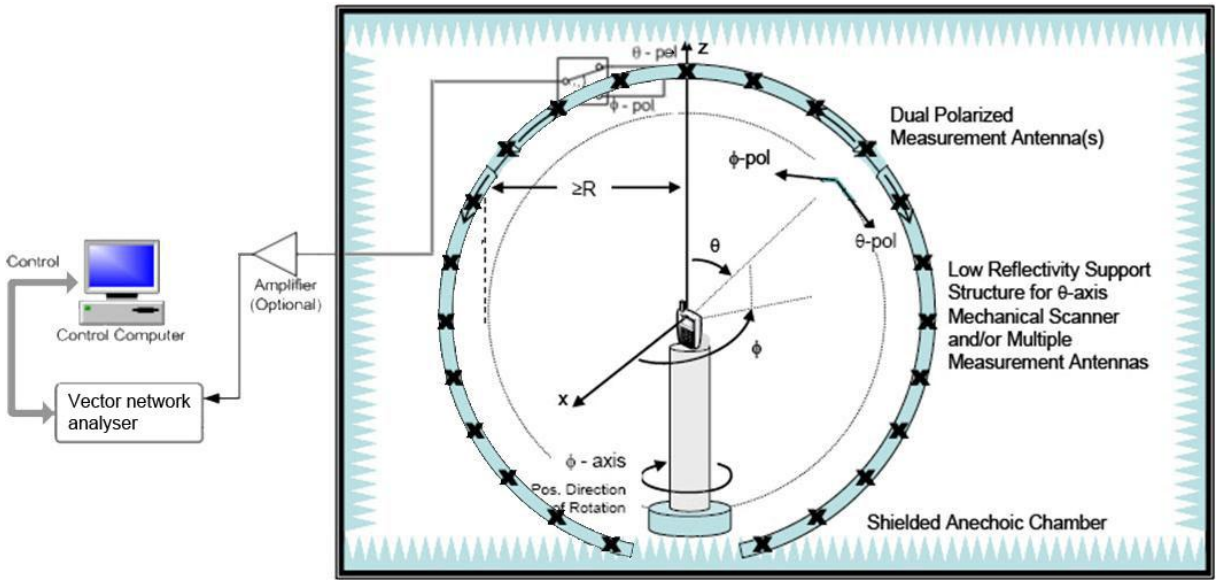
2.4. Test Results lists

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 Photographs

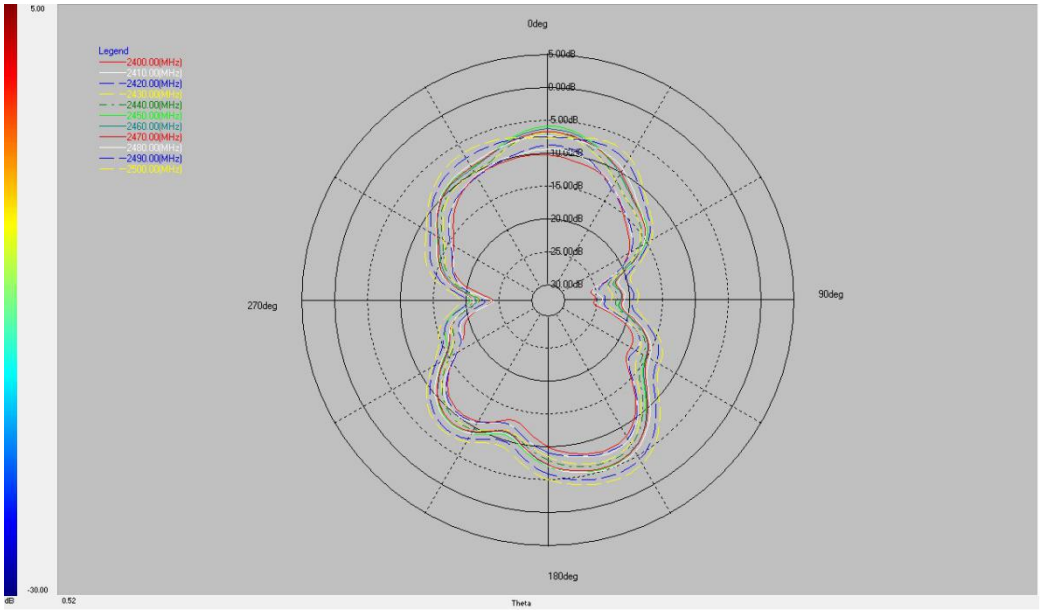
1. Test Setup



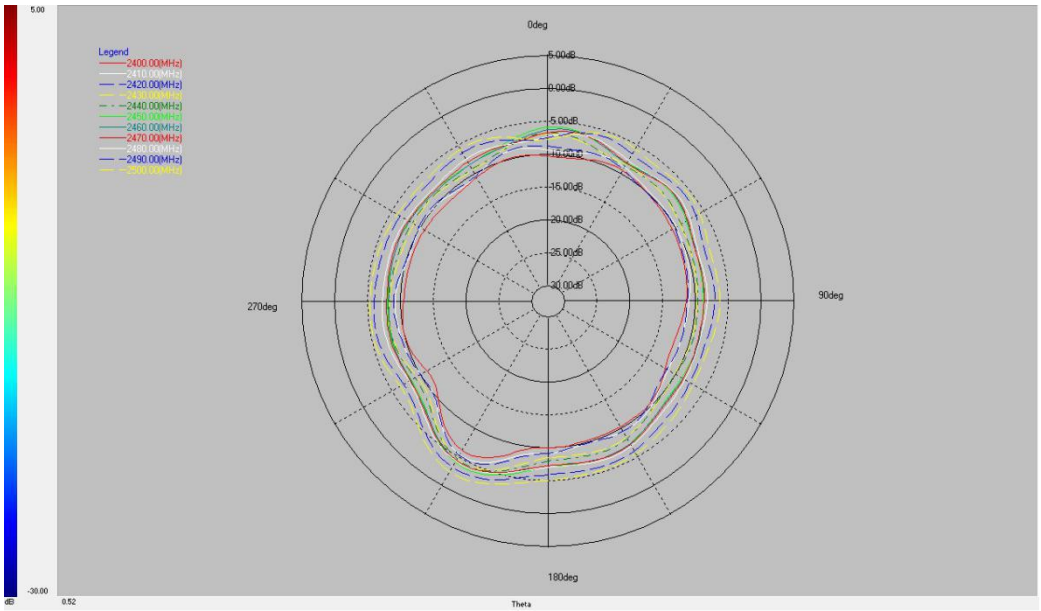
Annex B Figures

1. 2D Radiation Pattern

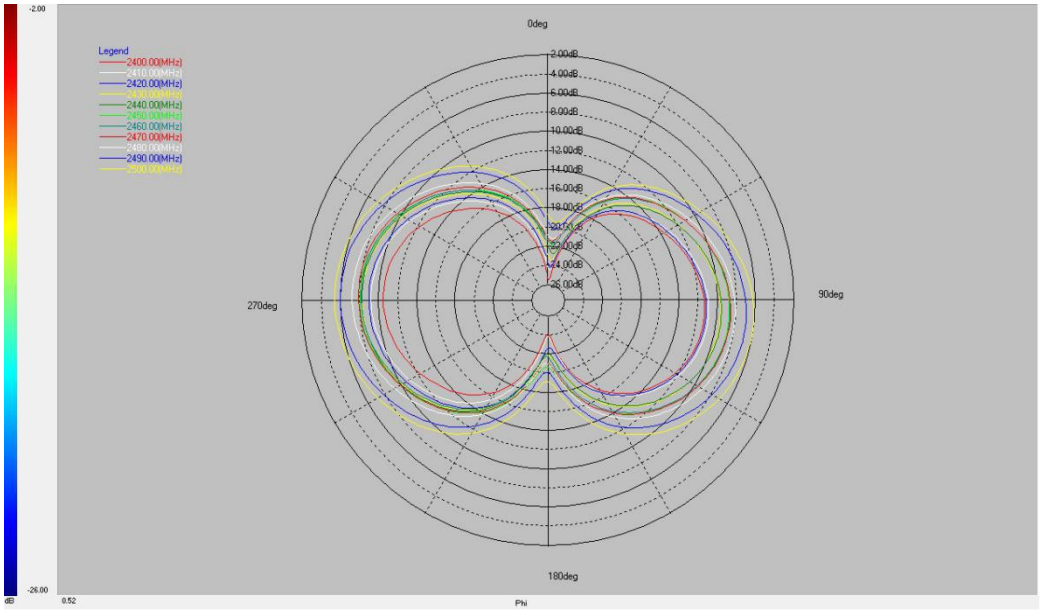
Phi=0°



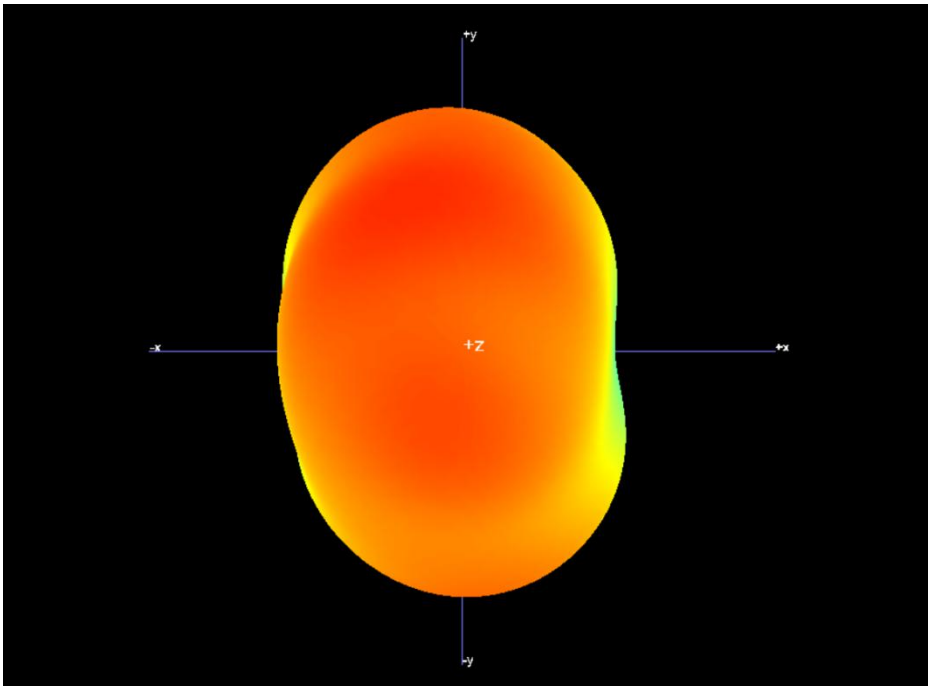
Phi=90°



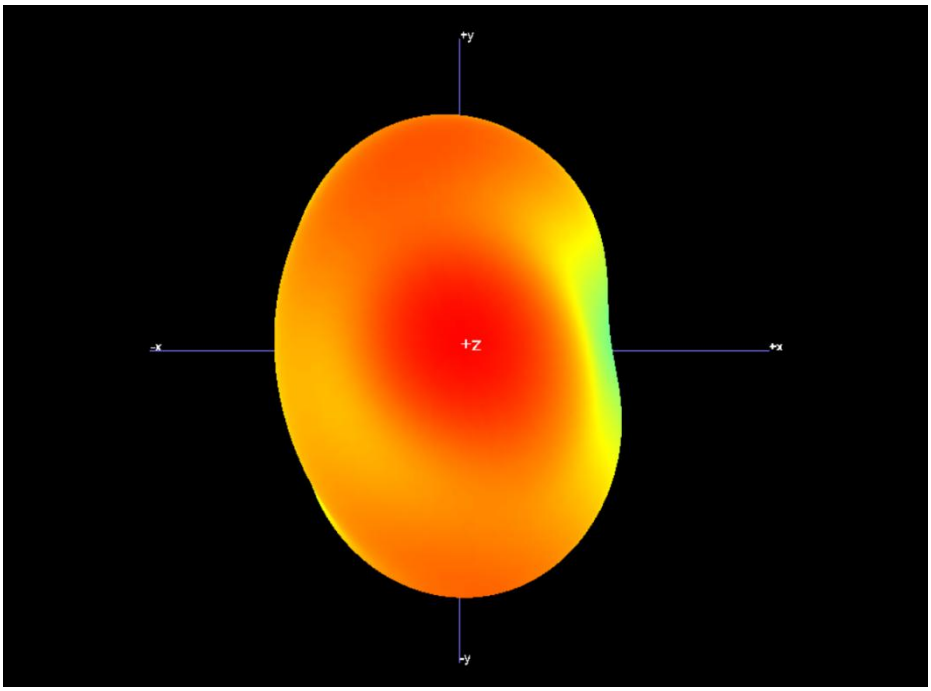
Theta=90°


-2.00
-26.00
dB
0.52
Legend
2400.00(MHz)
2410.00(MHz)
2420.00(MHz)
2430.00(MHz)
2440.00(MHz)
2450.00(MHz)
2460.00(MHz)
2470.00(MHz)
2480.00(MHz)
2490.00(MHz)
2500.00(MHz)
0deg
90deg
180deg
270deg
2.00dB
4.00dB
6.00dB
8.00dB
10.00dB
12.00dB
14.00dB
16.00dB
18.00dB
20.00dB
22.00dB
24.00dB
26.00dB
Phi

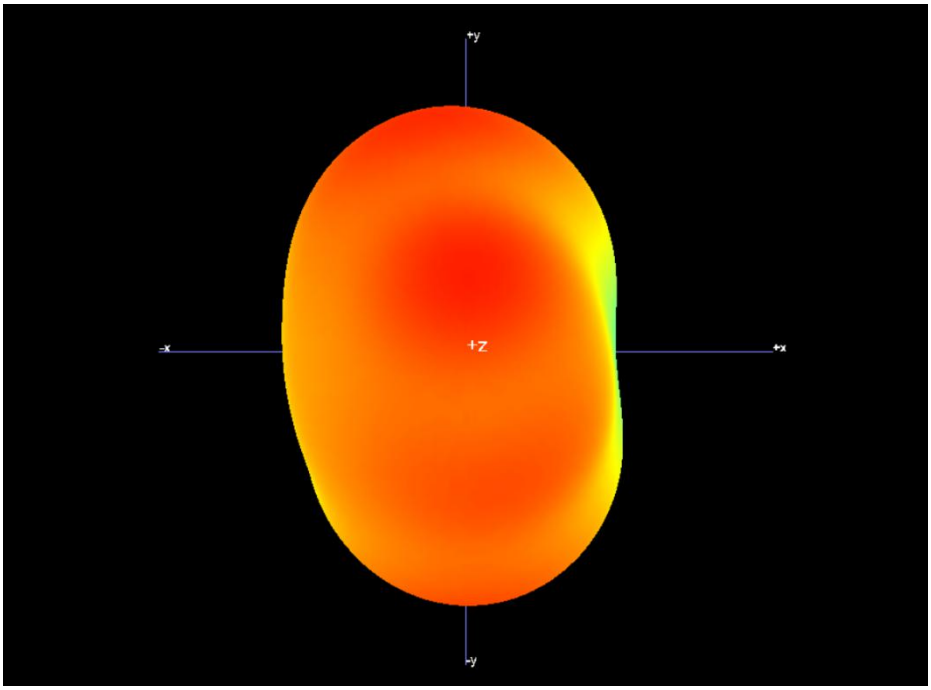
2. 3D Radiation Pattern



2400MHz



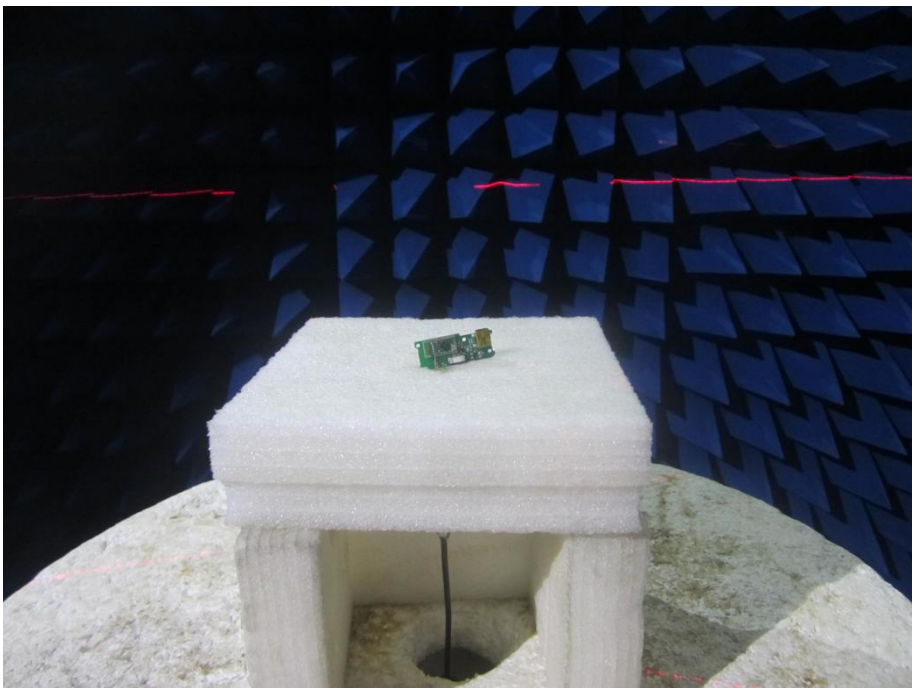
2440MHz



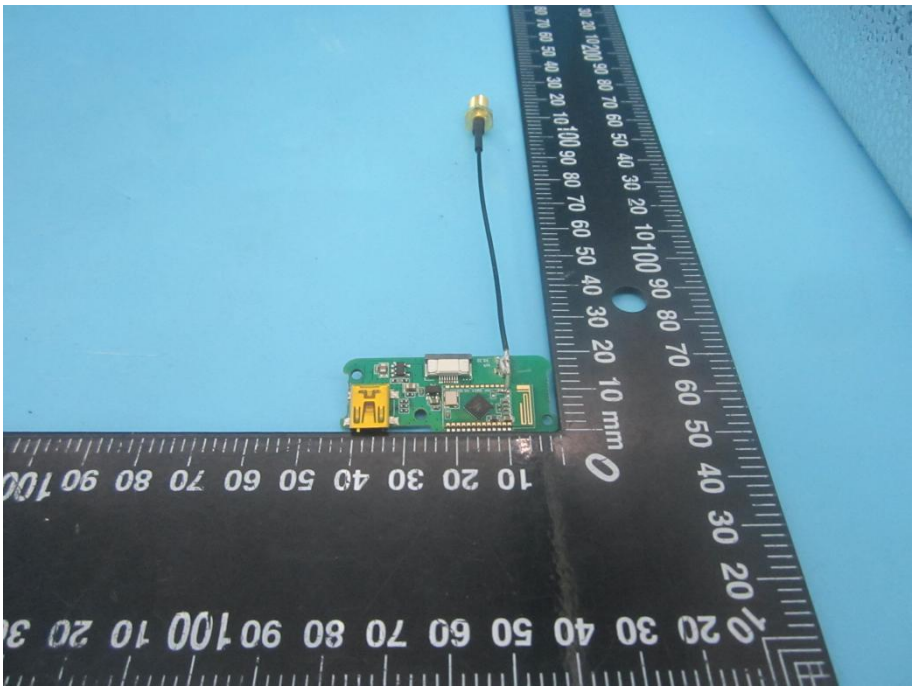
2480MHz

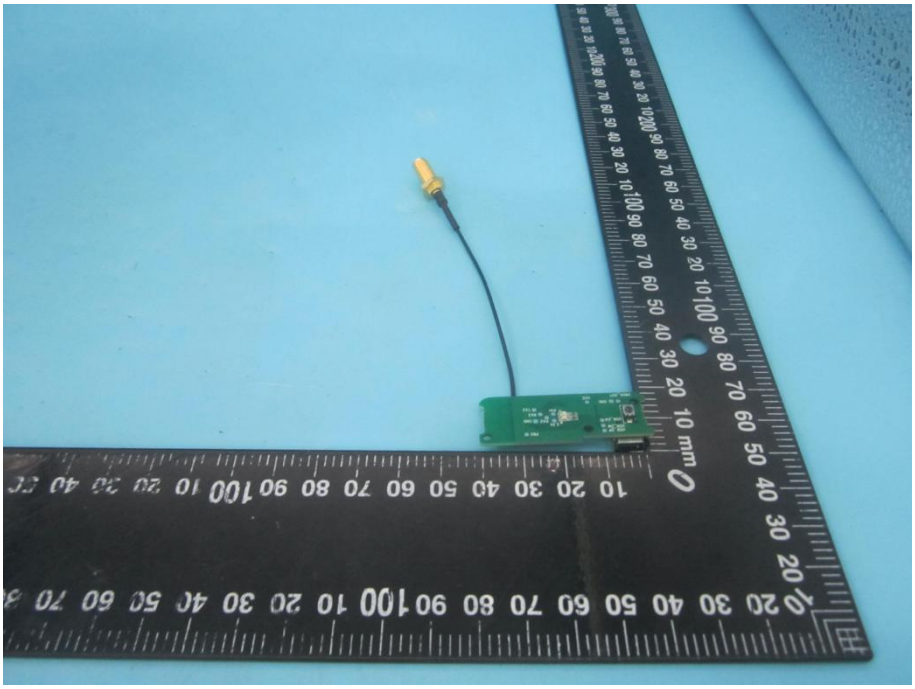
Annex C Photographs

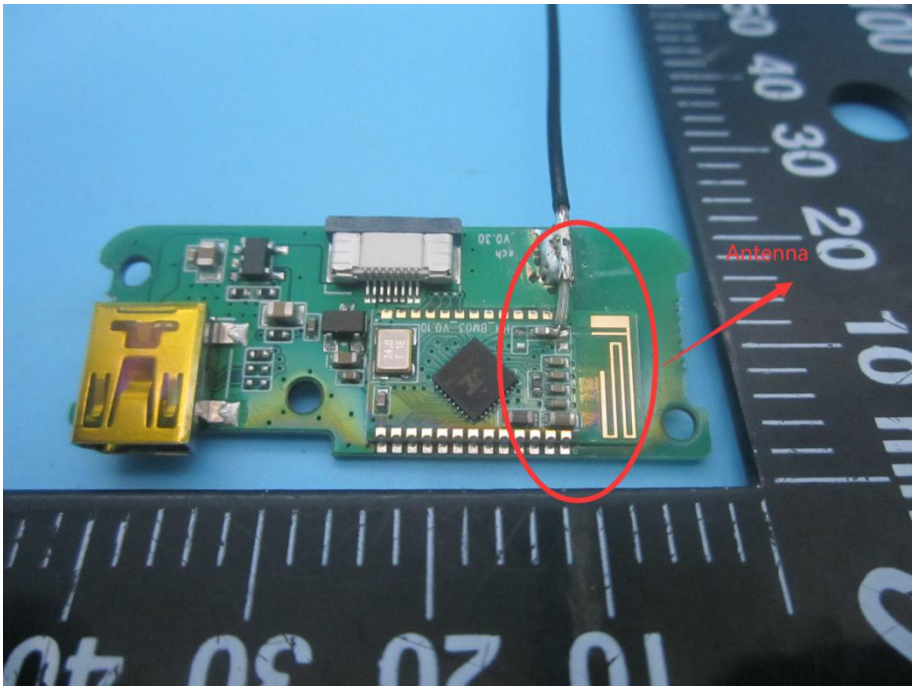
1. Test environment



2. EUT






Antenna

Annex D General Information

1.1 Identification of the Responsible Testing Laboratory

Laboratory Name:	Shenzhen Morlab Communications Technology Co., Ltd.
Laboratory Address:	FL1-3, 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:	FL1-3, 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	Manufacturer	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