



TEST REPORT

APPLICANT : U Young Appliance Manufacturing (Xiamen) Co., Ltd.
PRODUCT NAME : Massaging Eye Mask
MODEL NAME : 1016957
TRADE NAME : Sharper Image
BRAND NAME : Sharper Image
STANDARD(S) : IEEE Std 149-2021
RECEIPT DATE : 2023-05-26
TEST DATE : 2023-05-29
ISSUE DATE : 2023-06-06

Edited by: *Fang Jinshan*
Fang Jinshan(Rapporteur)
Approved by: *Chi Shide*
Chi Shide(Supervisor)

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Change History		
Version	Date	Reason for change
1.0	2023-06-06	First edition



1. Technical Information

Note: Provide by applicant.

1.1. Applicant and Manufacturer Information

Applicant:	U Young Appliance Manufacturing (Xiamen) Co., Ltd.
Applicant Address:	No. 88, North Tongsheng Road, Tong'an Chengnan Industrial District, Xiamen, Fujian, China
Manufacturer:	U Young Appliance Manufacturing (Xiamen) Co., Ltd.
Manufacturer Address:	No. 88, North Tongsheng Road, Tong'an Chengnan Industrial District, Xiamen, Fujian, China

1.2. Equipment Under Test (EUT) Description

Wireless Type	Bluetooth
Frequency	2402MHz-2480MHz
IMEI	N/A
Sample No.	1#

Note: 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	IEEE Std 149-2021	IEEE Recommended Practice for Antenna Measurements

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

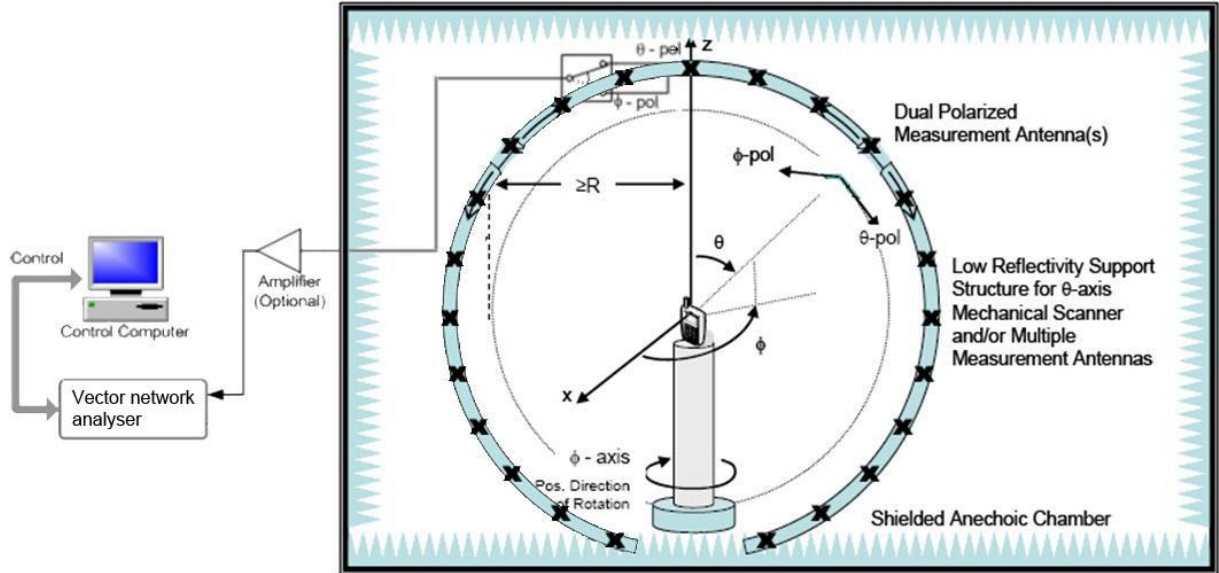


2.4. Test Results lists

2.4.1. Gain

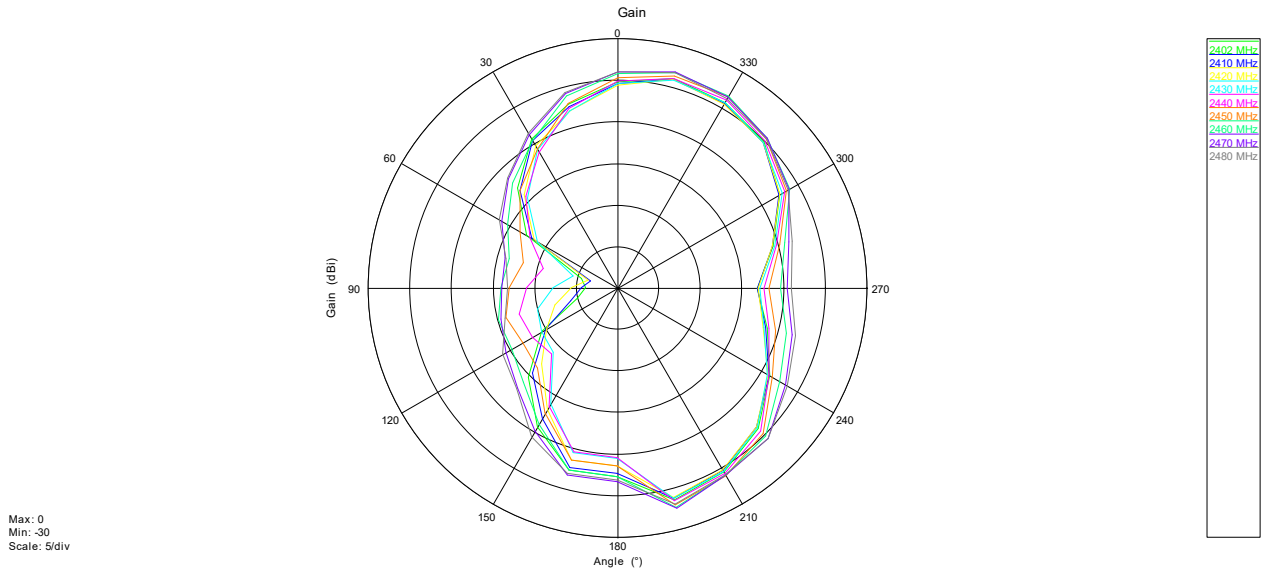
Frequency (MHz)	Gain(dBi)
2402	-2.54
2410	-2.47
2420	-2.43
2430	-2.36
2440	-2.18
2450	-2.17
2460	-2.18
2470	-2.28
2480	-2.49

Annex A Test Setup Photos

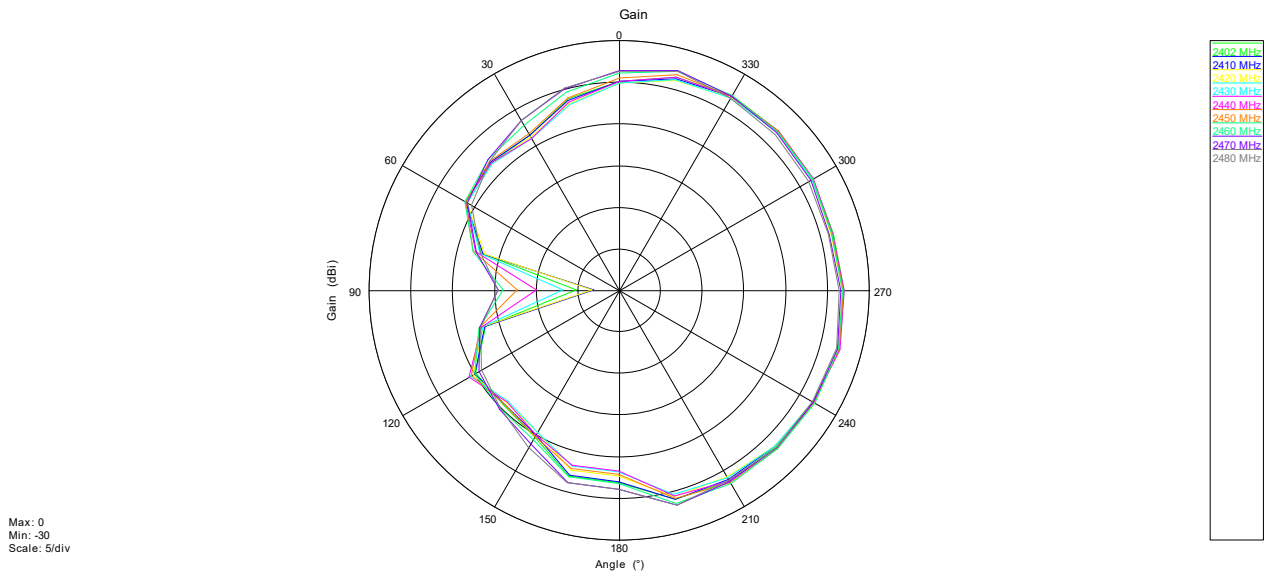


Annex B Figures

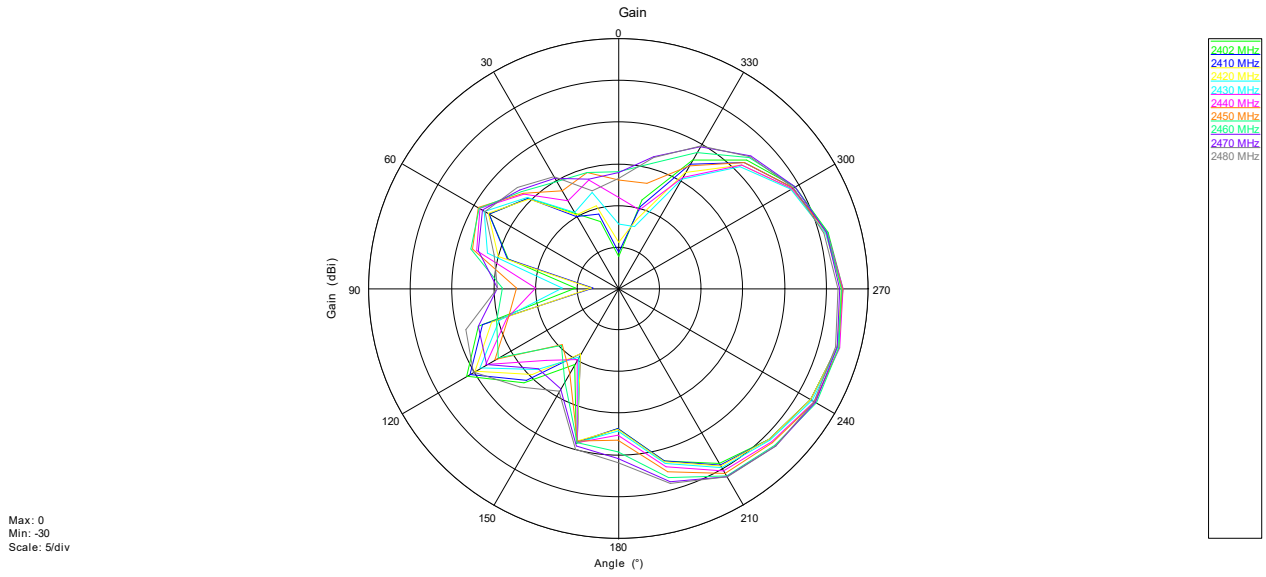
1. 2D Radiation Pattern



Phi=0°

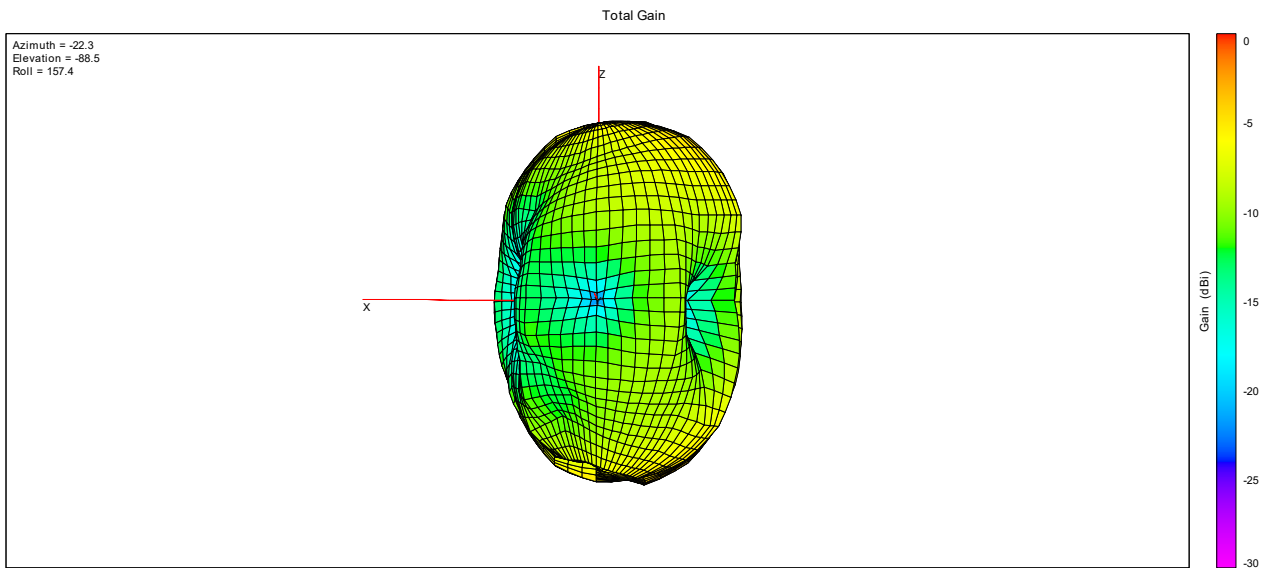


Phi=90°

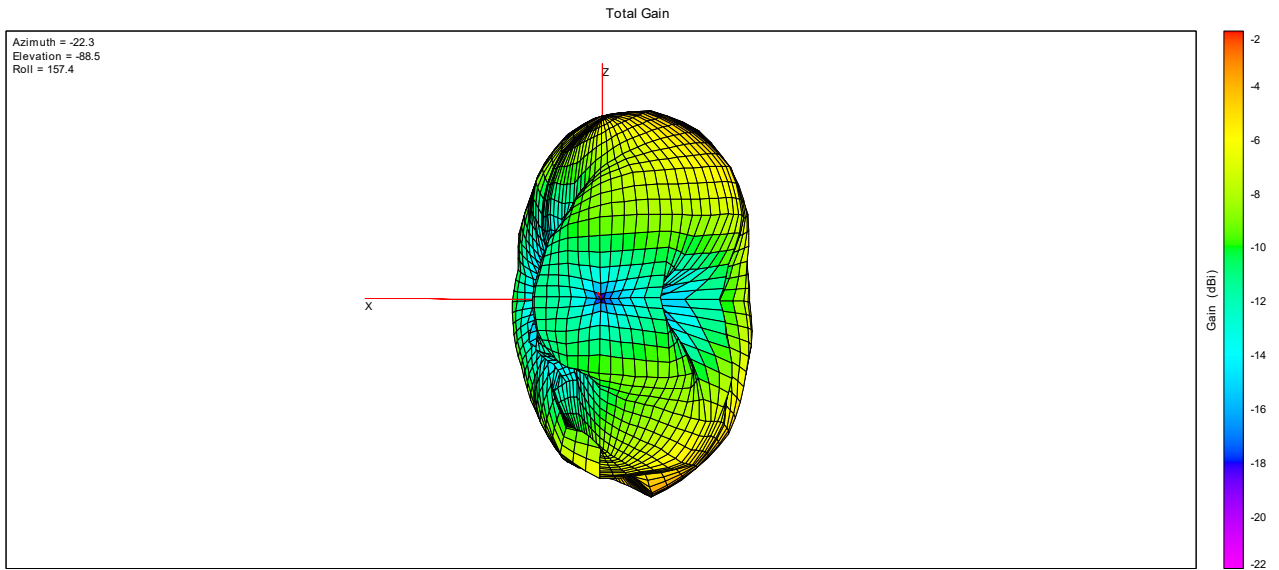


Theta=90°

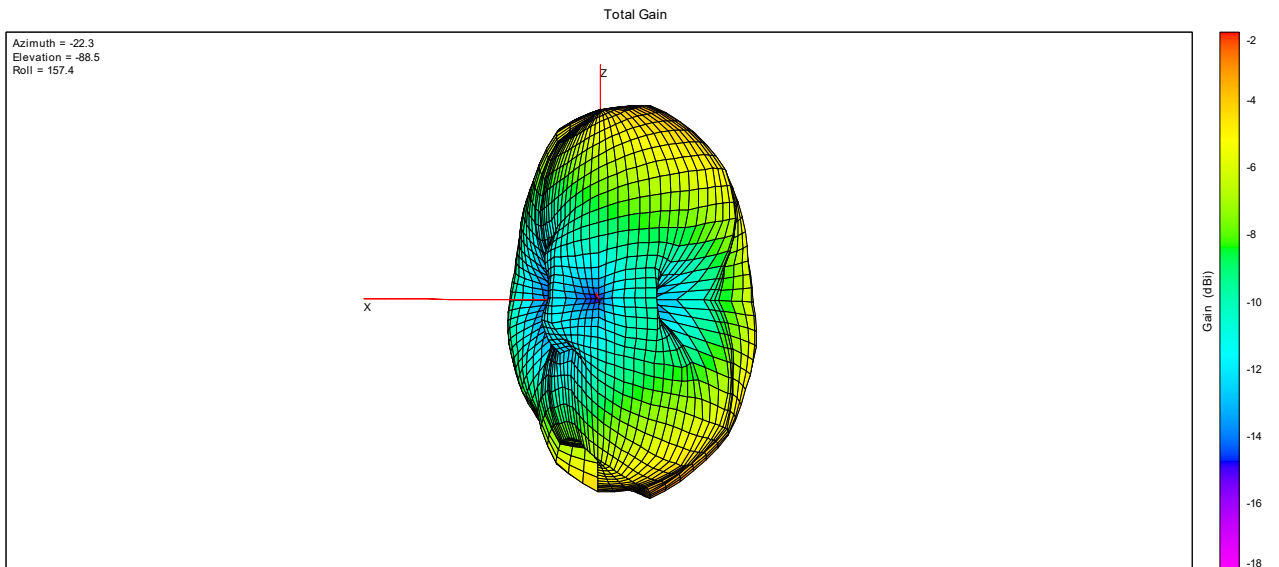
2. 3D Radiation Pattern



2402MHz



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

No.	Equipement Name	Serial No.	Type	Manufacturer	Cal.Date	Cal.Due Date
1	Network Analyzer	MY46110140	E5071C	Agilent	2022.07.04	2023.07.03
2	OTA Chamber	TJ2235-Q1793	AMS-8923 -150	ETS	2022.11.30	2025.11.29
3	Antenna Measurement System	1685	EMQuest EMQ-100 V 1.13 Build 21267	ETS	N/A	N/A

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