



REPORT No.: SZ24030161E01

TEST REPORT

APPLICANT : Huizhou Gosling Medical Technology Co. LTD

PRODUCT NAME : Wireless electronic endoscope

MODEL NAME : QQ100P,QQ240P,QQ320P,QQ480P,QQ720P,QQ1080P
QQ1280P,QQ1560P,QQ2K,QQ4K,QQ8K,TT100P,TT240
P,TT320P,TT480P,TT720P,TT1080P,TT1280P,TT1560P,T
T2K,TT4K,TT8K,CC100P,CC240P,CC320P,CC480P,CC7
20P,CC1080P CC1280P,CC1560P,CC2Q,CC4Q,CC8Q
A1,A2,A3,A4,A5,A6,A7,A8,A9,X1,X2,X3,X4,X5,X6,X7,X8
X9,M1,M2,M3,M4,M5,M6,M7,M8,M9,S1,S2,S3,S4,S5,S6
S7,S8,S9

TRADE NAME : N/A

BRAND NAME :  戴杰斯特 GoslingQQ

STANDARD(S) : IEEE Std 149-2021

RECEIPT DATE : 2024-03-18

TEST DATE : 2024-03-18

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MORLAB

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Change History		
Version	Date	Reason for change
1.0	2024-03-21	First edition



1. Technical Information

Note: Provide by applicant.

1.1. Applicant and Manufacturer Information

Applicant:	Huizhou Gosling Medical Technology Co. LTD
Applicant Address:	Huinan Kechuang Center, Huatai South Road, Huihuan Street, Huicheng District, Huizhou city, Guangdong Province
Manufacturer:	Huizhou Gosling Medical Technology Co. LTD
Manufacturer Address:	Huinan Kechuang Center, Huatai South Road, Huihuan Street, Huicheng District, Huizhou city, Guangdong Province

1.2. Equipment Under Test (EUT) Description

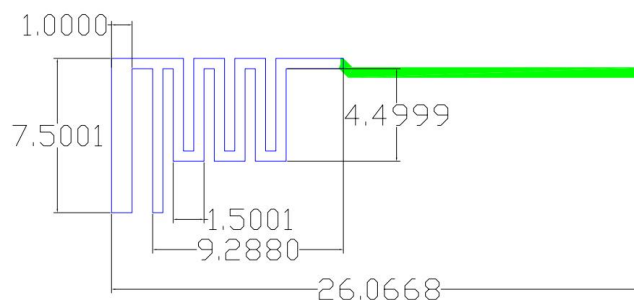
Wireless Type	N/A
Frequency	2400MHz-2500MHz
IMEI	N/A
Sample No.	1#

Note:

We, Huizhou Gosling Medical Technology Co. LTD. certify that the product have models as below: QQ100P, QQ240P, QQ320P, QQ480P, QQ720P, QQ1080P, QQ1280P, QQ1560P, QQ2K, QQ4K, QQ8K, TT100P, TT240P, TT320P, TT480P, TT720P, TT1080P, TT1280P, TT1560P, TT2K, TT4K, TT8K, C100P, CC240P, CC320P, CC480P, CC720P, CC1080P, CC1280P, CC1560P, CC2Q, CC4Q, CC8Q, A1, A2, A3, A4, A5, A6, A7, A8, A9, X1, X2, X3, X4, X5, X6, X7, X8, X9, M1, M2, M3, M4, M5, M6, M7, M8, M9, S1, S2, S3, S4, S5, S6, S7, S8, S9.

Other product models and specifications covered by this application unit and related information, The difference between product models is only due to inconsistent sales channels, resulting in differences in models, other unchanged, will not affect the test results.

Dimension:



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.

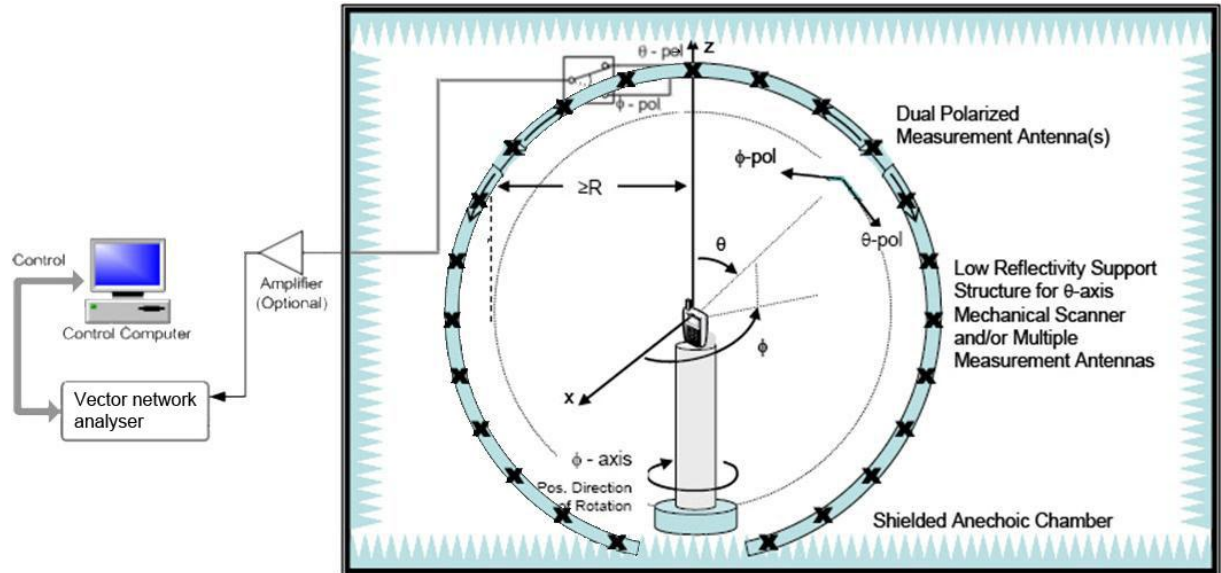


2.4. Test Results lists

2.4.1. Gain

Frequency (MHz)	Gain(dBi)
2400	-4.12
2410	-4.70
2420	-4.93
2430	-5.08
2440	-4.92
2450	-4.86
2460	-5.23
2470	-5.43
2480	-5.45
2490	-5.51
2500	-5.65

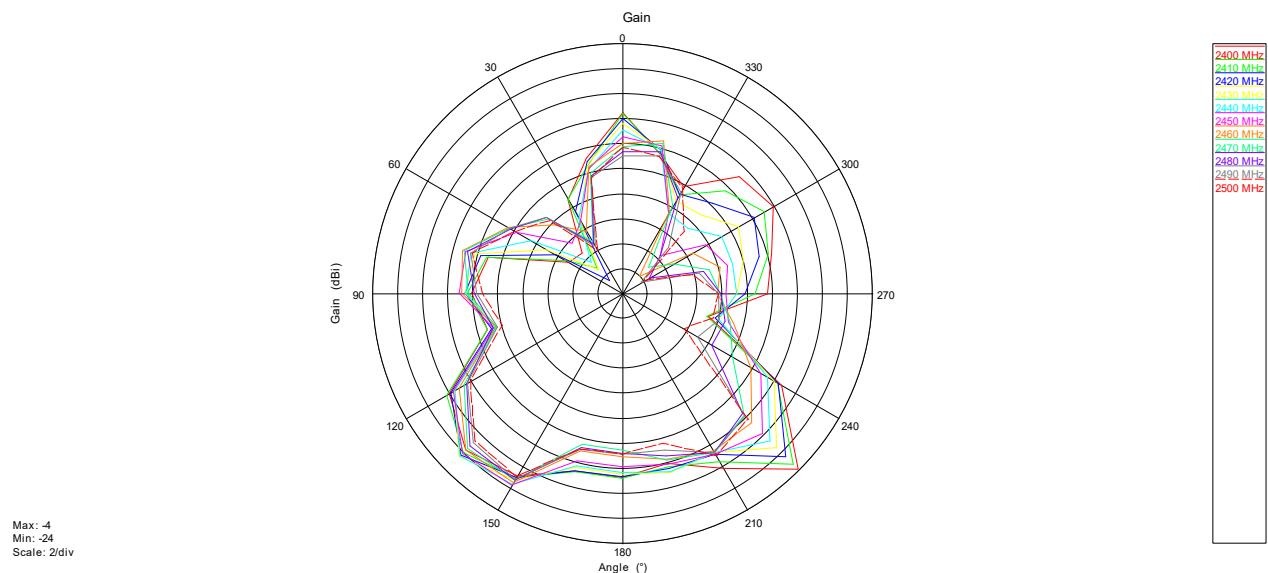
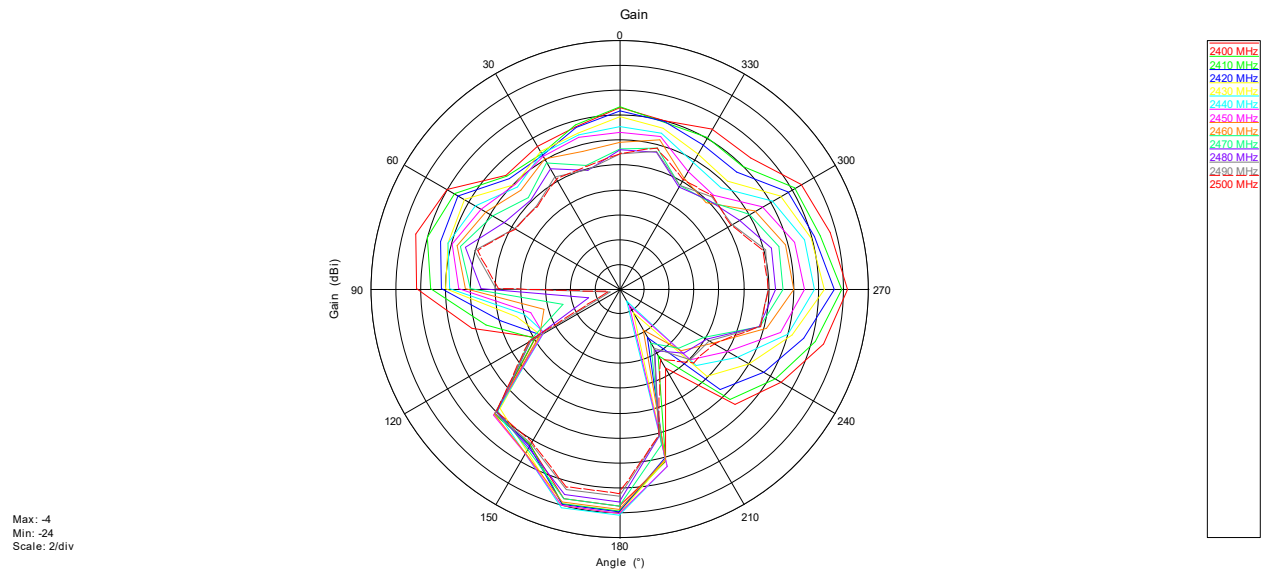
Annex A Test Setup Photos





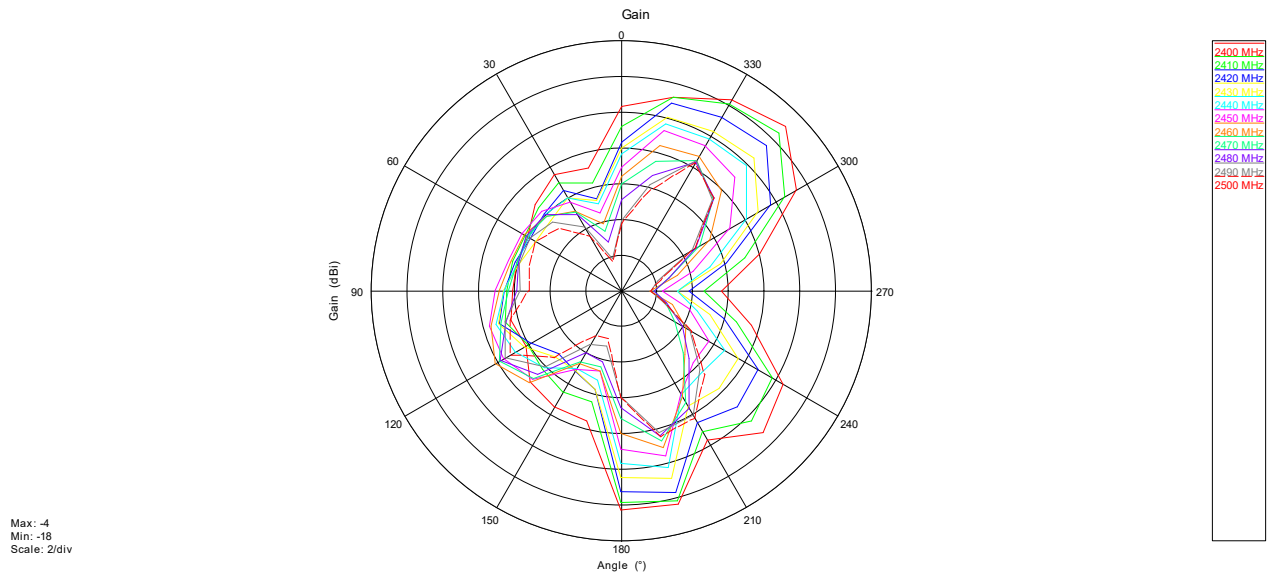
Annex B Figures

1. 2D Radiation Pattern

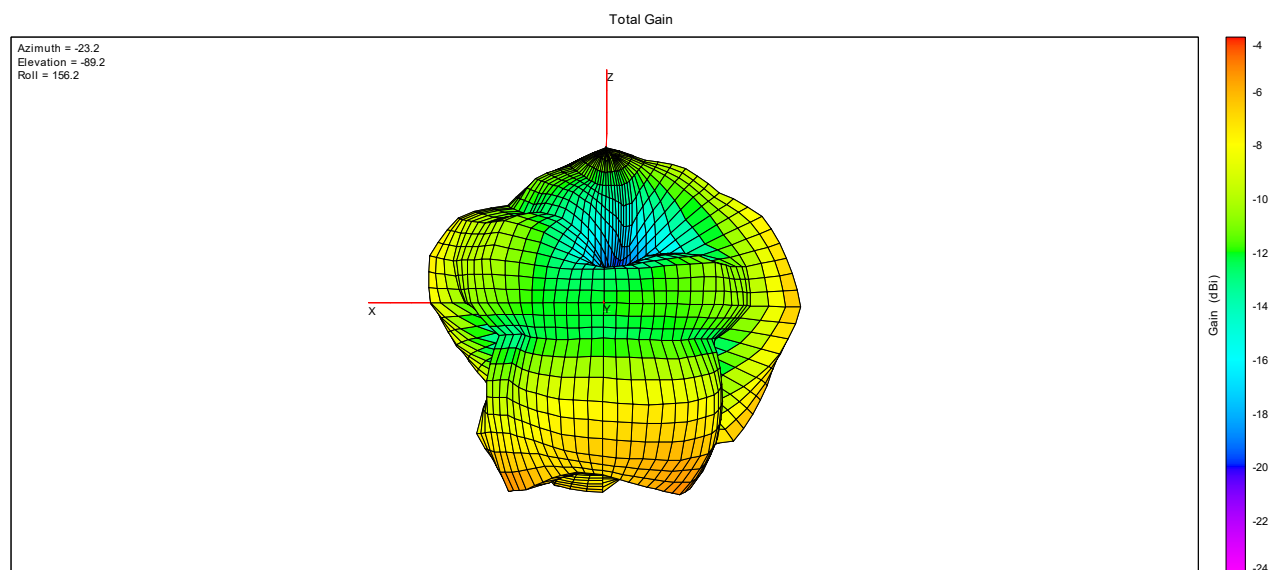




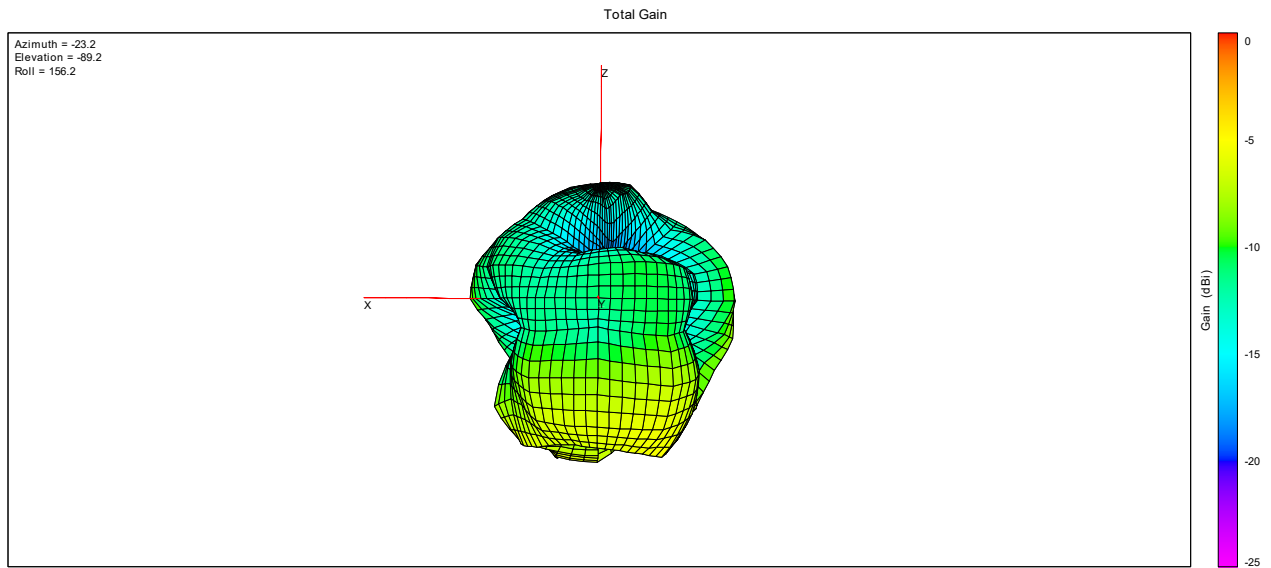
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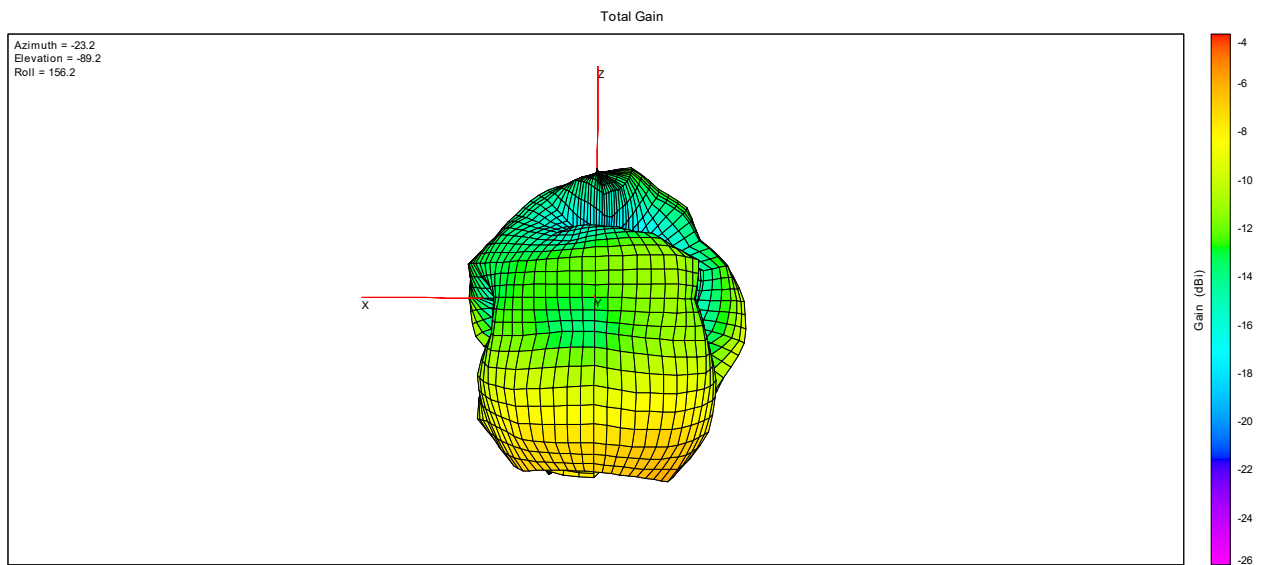
2. 3D Radiation Pattern



2400MHz



2450MHz



2500MHz



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.	Equipement Name	Serial No.	Type	Manufacturer	Cal.Date	Cal.Due Date
1	Network Analyzer	MY46110140	E5071C	Agilent	2023.06.21	2024.06.20
2	OTA Chamber	TJ2235-Q1793	AMS-8923 -150	ETS	2022.11.30	2025.11.29

1.4 Test Software Utilized

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

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

————— END OF MIAN REPORT —————