



REPORT No.: SZ25120115E01

TEST REPORT

APPLICANT : Xiamen Retone Hearing Technology Co., Ltd

PRODUCT NAME : Hearing aid

MODEL NAME : K1625BE

TRADE NAME : Retone

BRAND NAME : Retone

STANDARD(S) : IEEE Std 149-2021

RECEIPT DATE : 2025-12-08

TEST DATE : 2025-12-08

ISSUE DATE : 2025-12-12



Edited by:

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MORLAB

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Change History		
Version	Date	Reason for change
1.0	2025-12-12	First edition



1. Technical Information

Note: Provide by applicant.

1.1. Applicant and Manufacturer Information

Applicant:	Xiamen Retone Hearing Technology Co., Ltd
Applicant Address:	Room 209, 2nd floor, No. 999 Tianma Road, Jimei District, Xiamen City
Manufacturer:	Xiamen Retone Hearing Technology Co., Ltd
Manufacturer Address:	Room 209, 2nd floor, No. 999 Tianma Road, Jimei District, Xiamen City

1.2. Equipment Under Test (EUT) Description

Wireless Type	N/A
Frequency	2400MHz-2500MHz
Antenna Type	N/A
Product HW Version	N/A
Product SW Version	N/A
Serial Number	N/A
Sample No.	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

Notes: Any additions, deviation, or exclusions from the method shall be noted in the "Remark".

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.

ANT Size



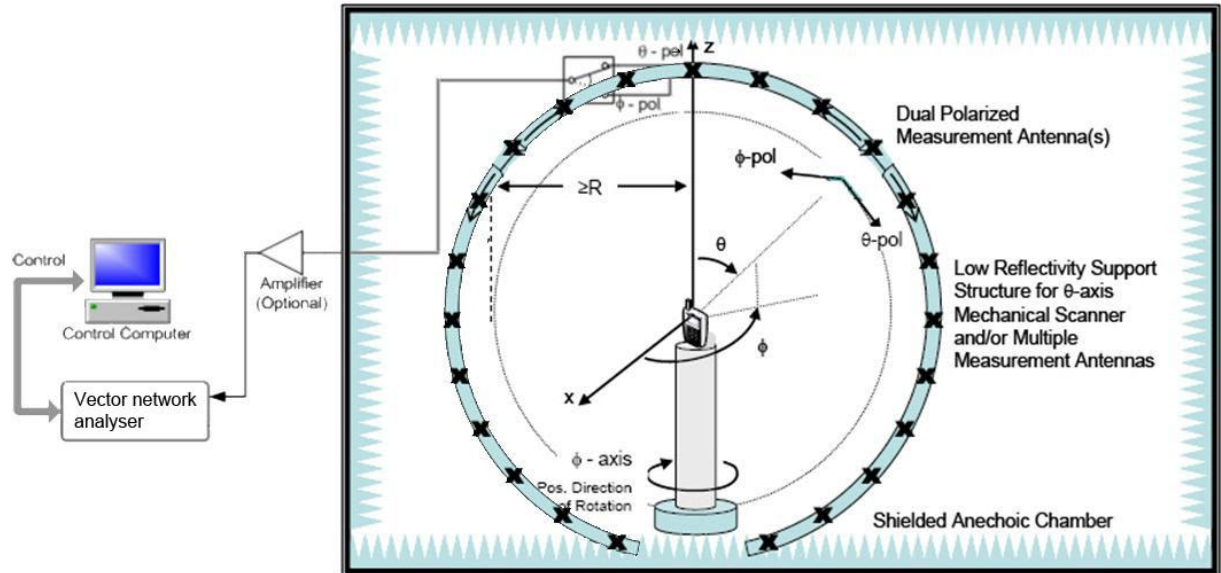


2.4. Test Results lists

2.4.1. Gain

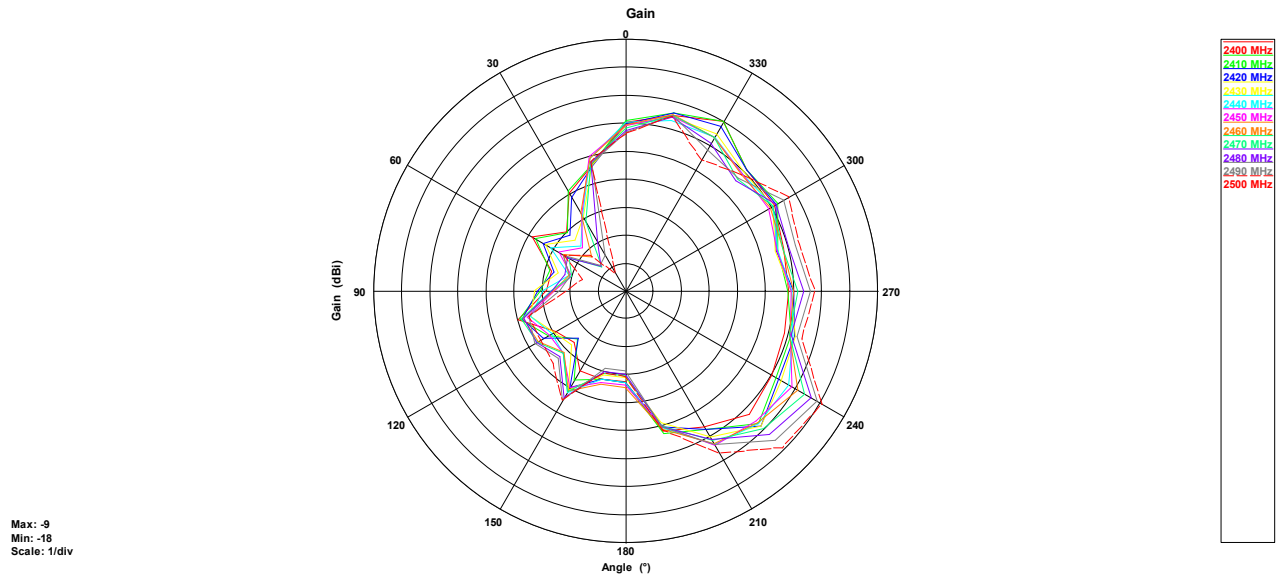
Frequency (MHz)	Gain(dBi)
2400	-10.95
2410	-10.76
2420	-10.76
2430	-10.62
2440	-10.55
2450	-10.61
2460	-10.76
2470	-10.78
2480	-10.59
2490	-10.53
2500	-10.37

Annex A Test Setup Photos

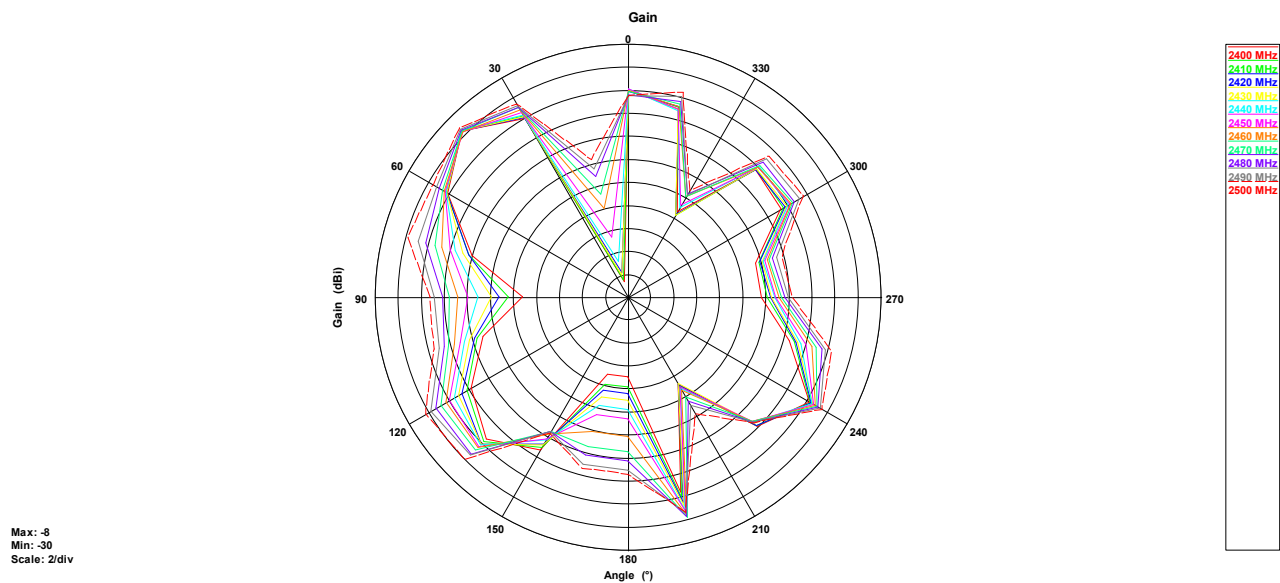


Annex B Figures

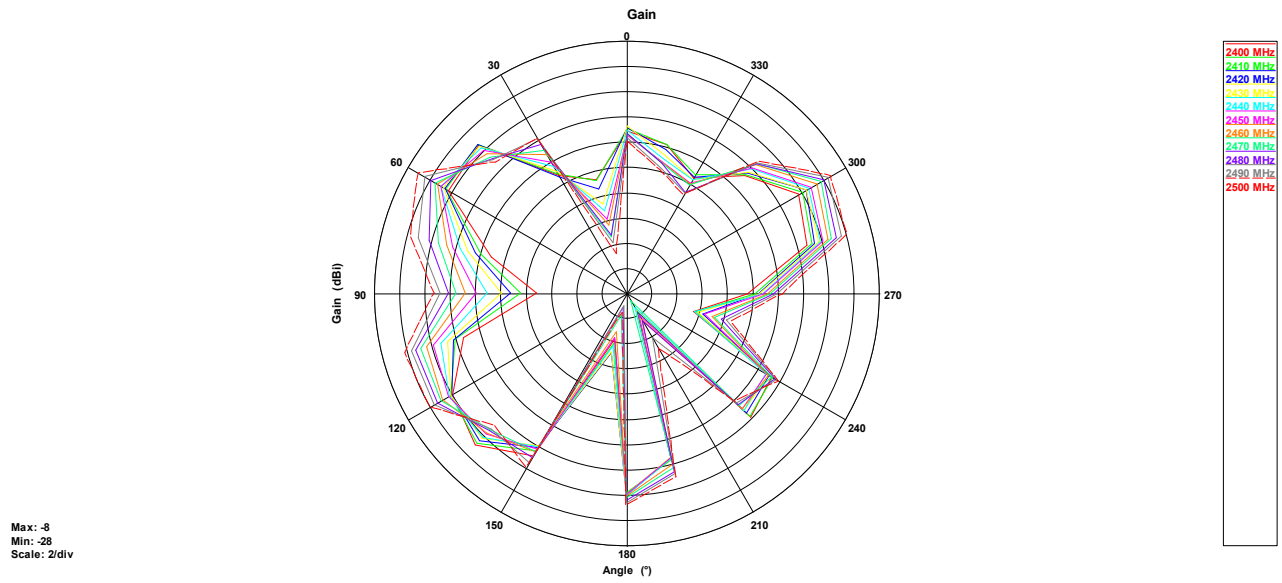
1. 2D Radiation Pattern



Phi=0°

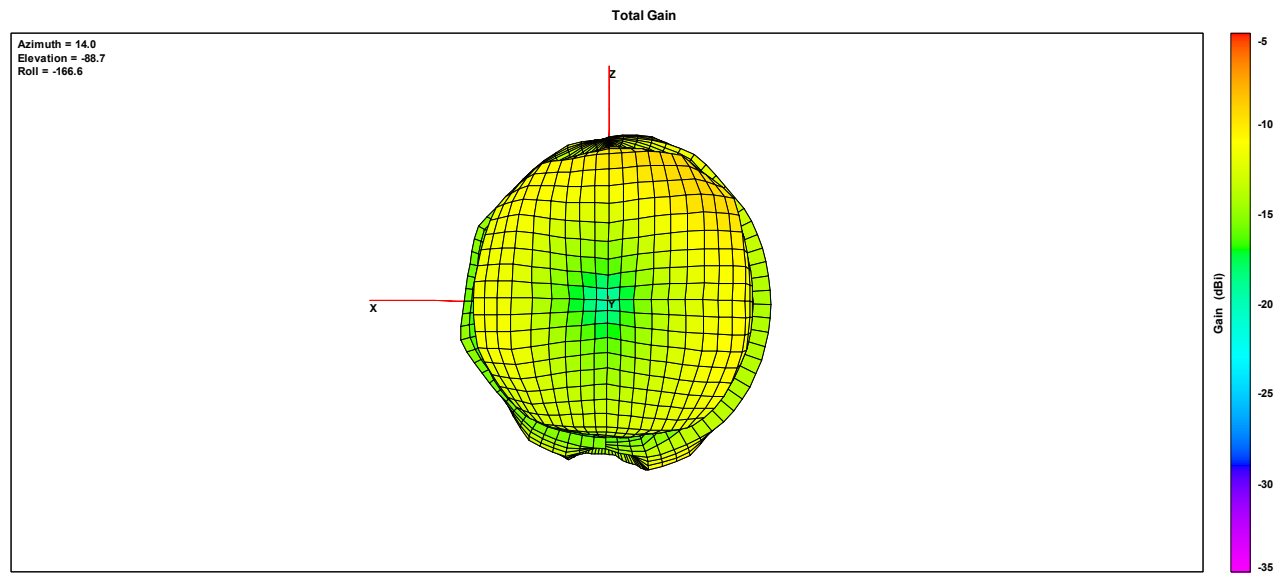


Phi=90°

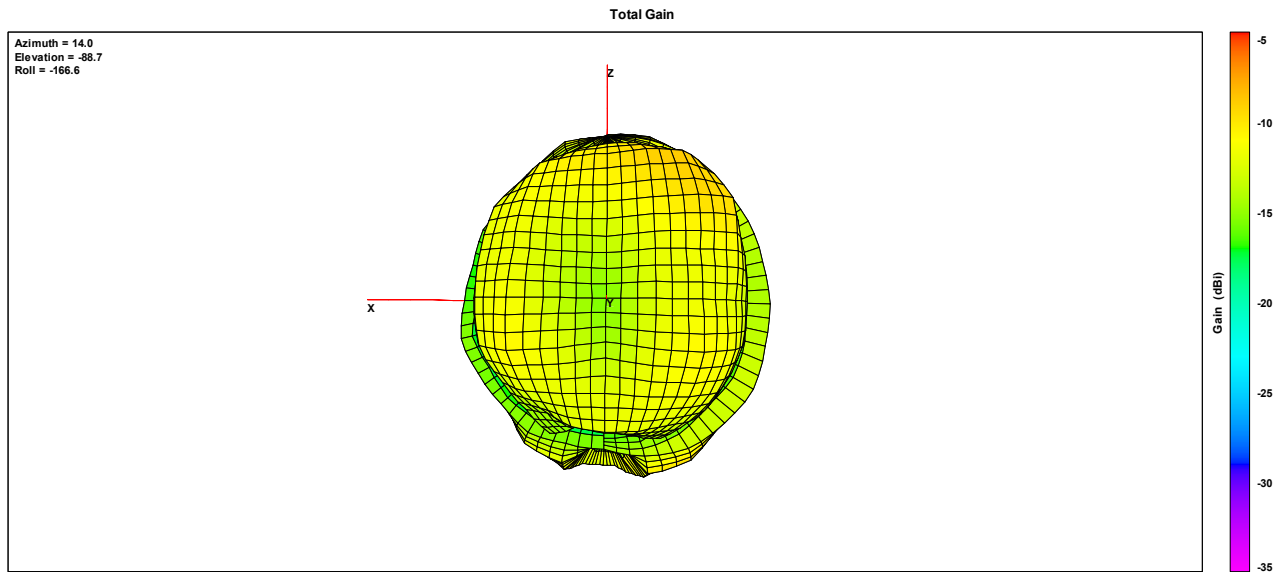


Theta=90°

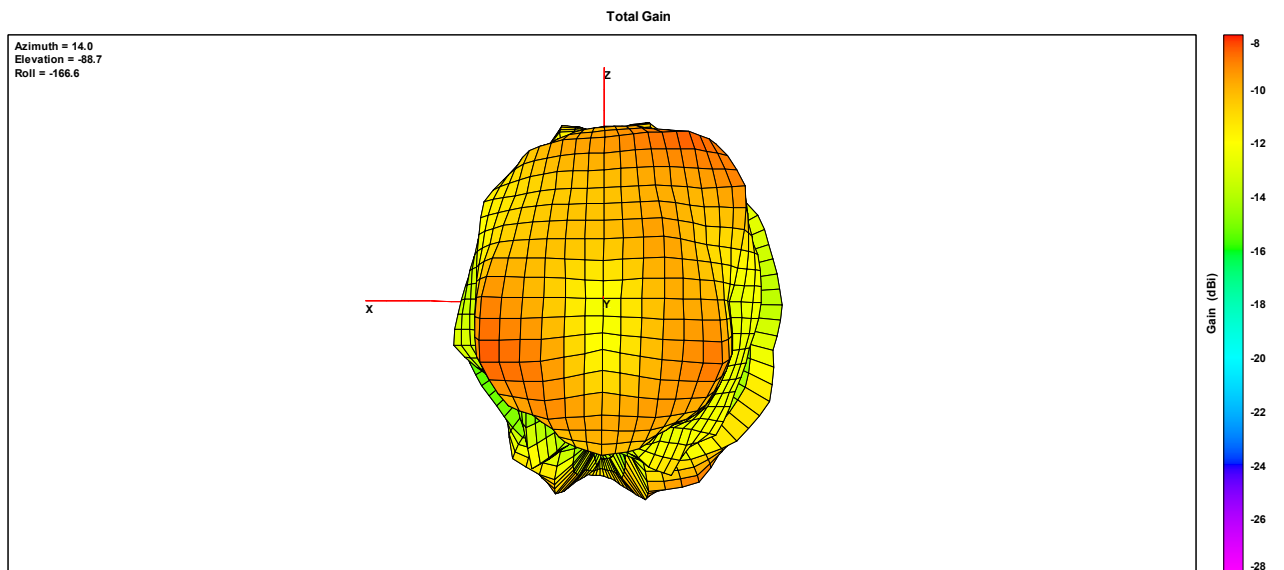
2. 3D Radiation Pattern



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	2025.05.13	2026.05.12
2	OTA Chamber	TJ2235-Q1793	AMS-8923 -150	ETS	2025.11.15	2028.11.14

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 —————