



中认信通

CHINA CERTIFICATION ICT CO., LTD (DONGGUAN)

ANTENNA TEST REPORT

Manufacture: Meizhou Guo Wei Electronics Co., Ltd.

Address: AD1 Section, Economic Development Area, Dongsheng Industrial District, Meizhou, Guangdong, China.

Product Name: Digital Cordless Telephone

Product Model: Motorola DOT20-B, Motorola DOT21-B

Report Number: 2403A113397E-RF

Date Of Issue: 2025/1/7

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Luke Yuan

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Title: Manager

Sun Zhong

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Test Facility

The Test site used by China Certification ICT Co., Ltd (Dongguan) to collect test data is located on the No. 113, Pingkang Road, Dalang Town, Dongguan, Guangdong, China.

Declarations

China Certification ICT Co., Ltd (Dongguan) is not responsible for the authenticity of any test data provided by the applicant. Data included from the applicant that may affect test results are marked with a triangle symbol “▲”. Customer model name, addresses, names, trademarks etc. are not considered data.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

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Each test item follows the test standard(s) without deviation.

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DOCUMENT REVISION HISTORY

Revision Number	Report Number	Description of Revision	Date of Revision
1.0	2403A113397E-RF	Original Report	2025/1/7

1.GENERAL INFORMATION

Product Name:	Digital Cordless Telephone
Product Model:	ANT0: Motorola DOT20-B ANT1: Motorola DOT21-B
Antenna Type:	Monopole
Test Items:	Gain; Efficiency; Radiation Pattern
Test Frequency (MHz):	1920,1925,1930
Sample Number:	2WV4-1
EUT Received Date:	2025/1/2
EUT Received Status:	Good

2.TEST CONFIGURATIONS

2.1 Test Environment

Temperature (°C)	22
Humidity (%RH)	42
Atmospheric Pressure (kPa)	101.6
Tester	Leo Li
Test Date	2025/1/6

2.2 Test Equipment

Test Instrument	R&S ZNB8
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3.TEST RESULTS

3.1 Gain and Efficiency

ANT0:

Frequency (MHz)	Efficiency (%)	Peak Gain (dBi)
1920.00	55.09	2.92
1925.00	54.57	3.05
1930.00	51.95	3.06

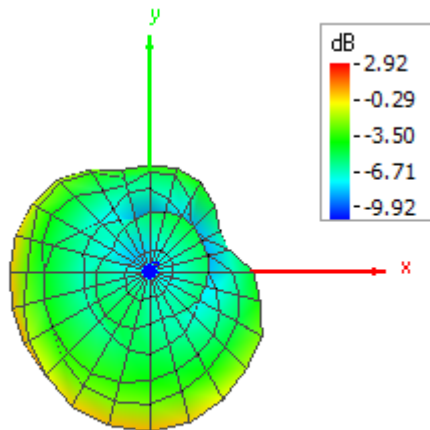
ANT1:

Frequency (MHz)	Efficiency (%)	Peak Gain (dBi)
1920.00	44.25	1.51
1925.00	43.11	1.47
1930.00	39.83	1.09

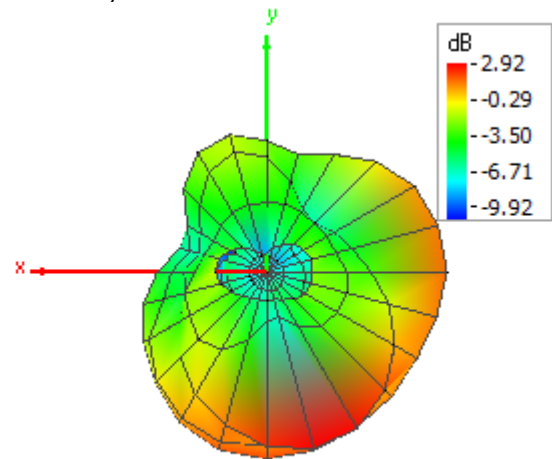
3.2 Radiation Pattern ANT0

1920 MHz 3D

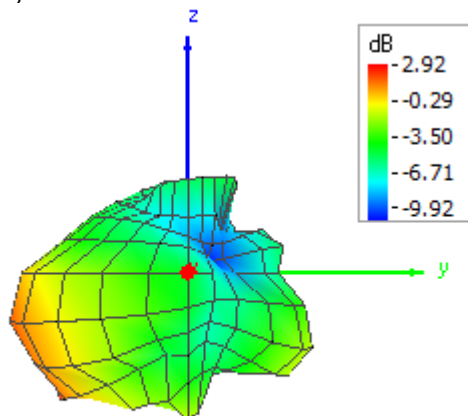
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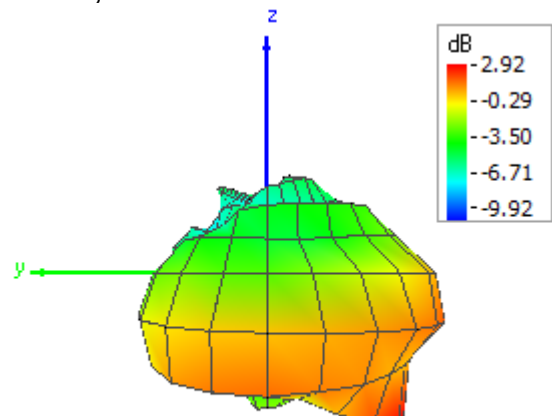
Theta = 180, Phi = 0



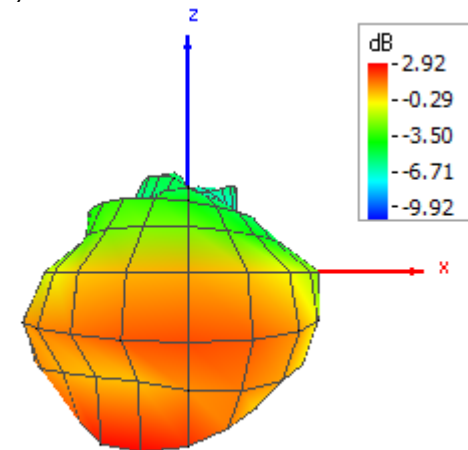
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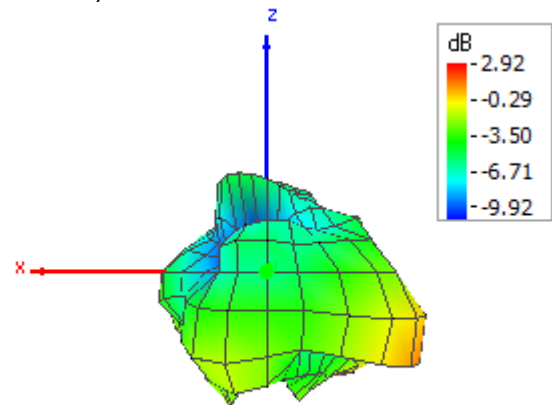
Theta = 90, Phi = 180



Theta = 90, Phi = 270

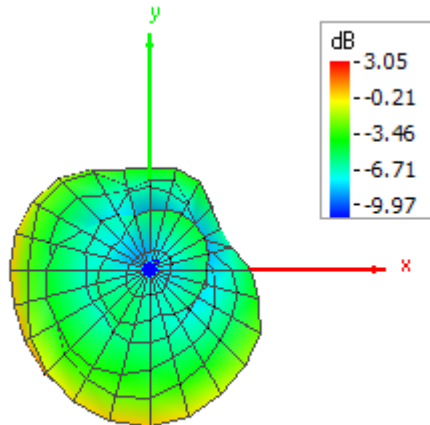


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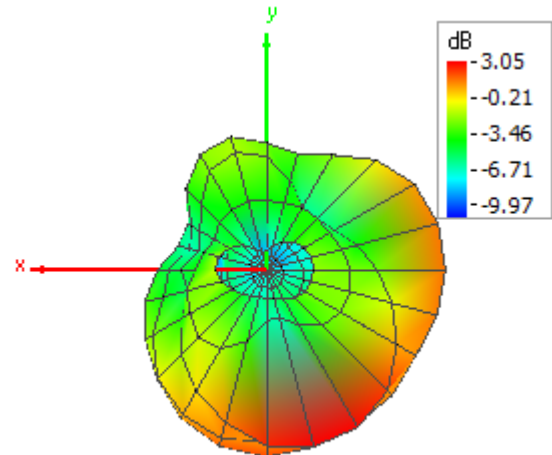


1925 MHz 3D

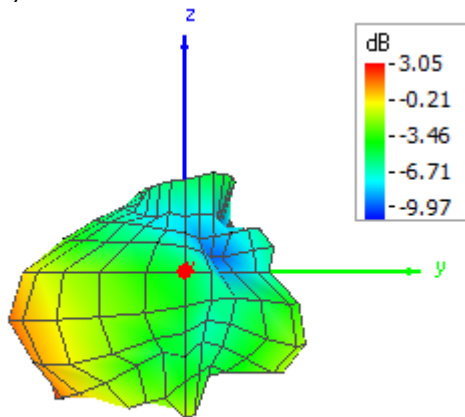
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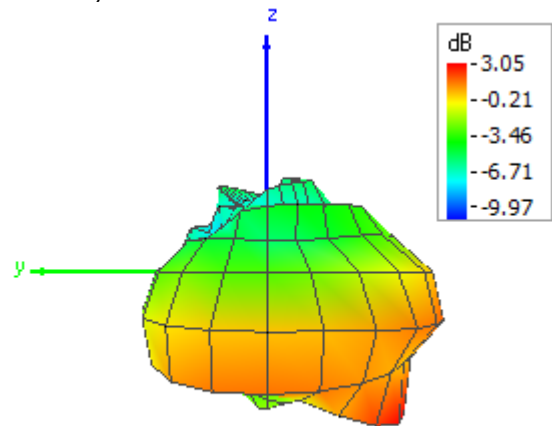
Theta = 180, Phi = 0



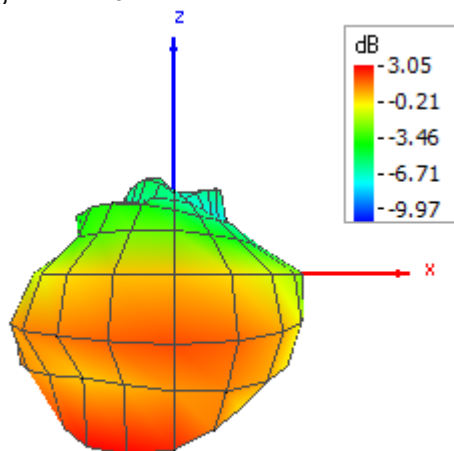
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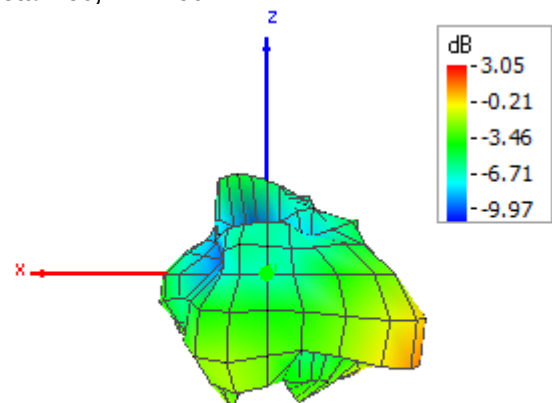
Theta = 90, Phi = 180



Theta = 90, Phi = 270

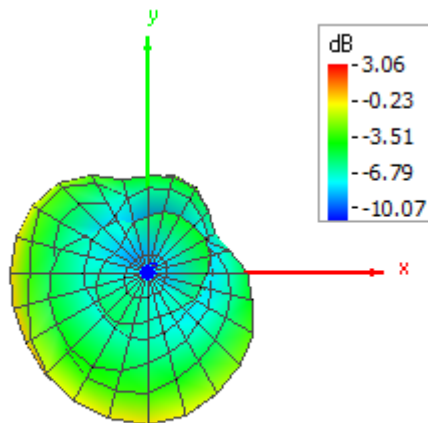


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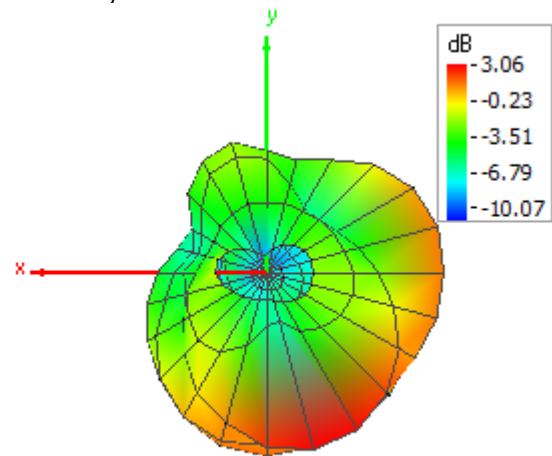


1930 MHz 3D

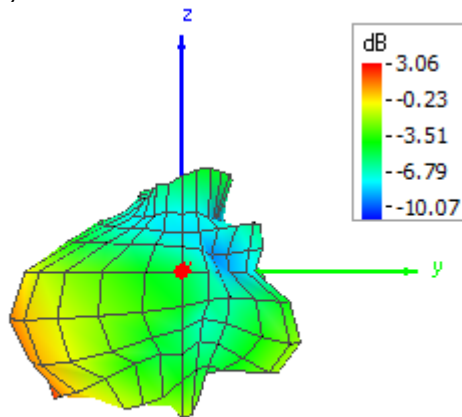
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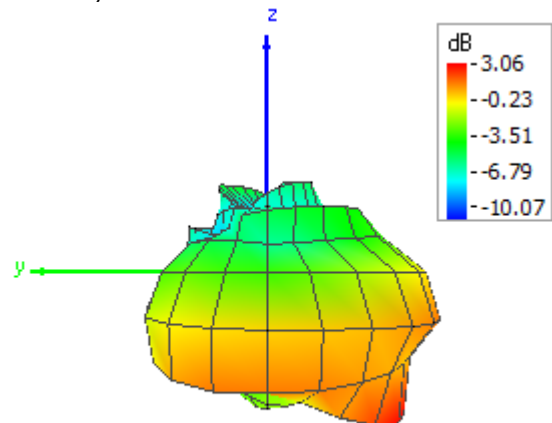
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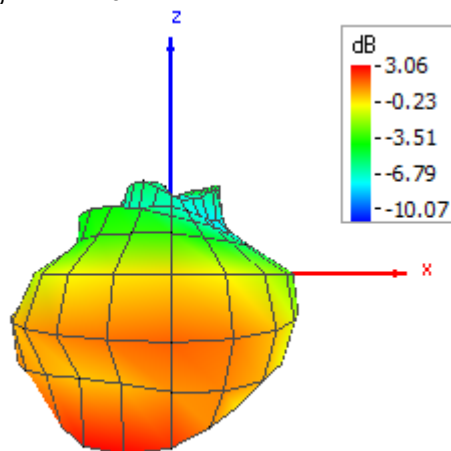
Theta = 90, Phi = 0



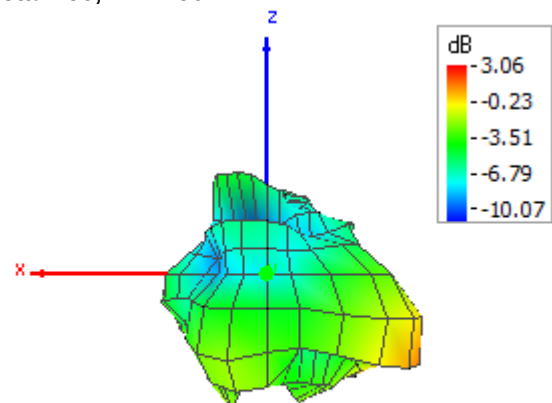
Theta = 90, Phi = 180



Theta = 90, Phi = 270

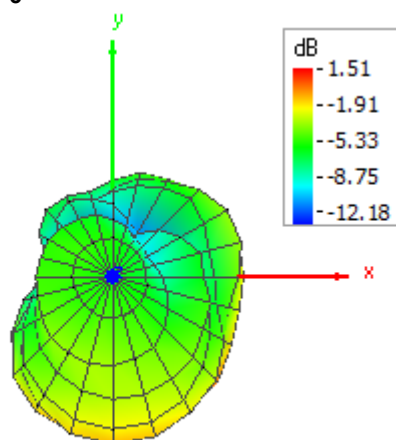


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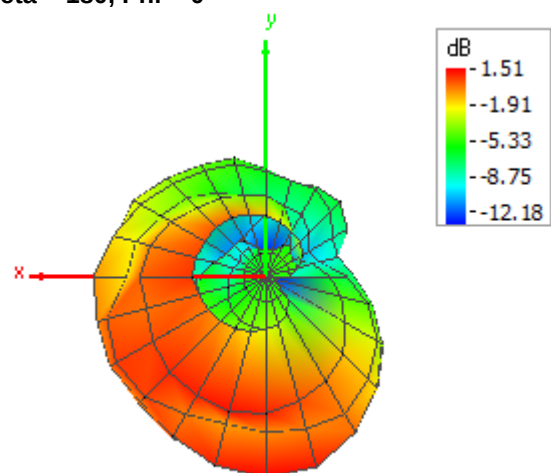


ANT1**1920 MHz 3D**

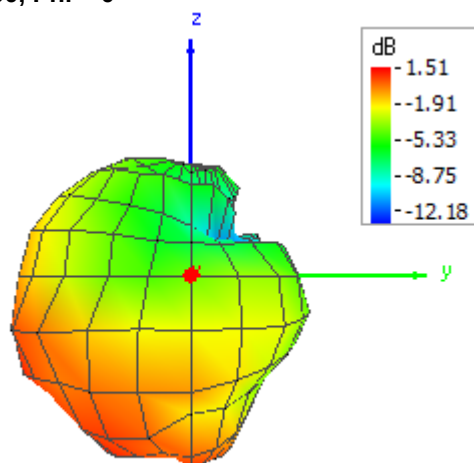
Theta = 0, Phi = 0



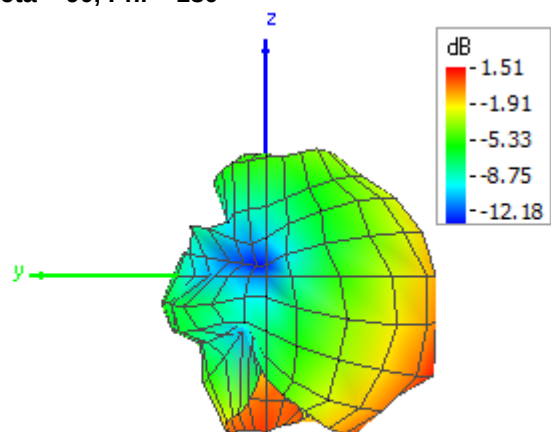
Theta = 180, Phi = 0



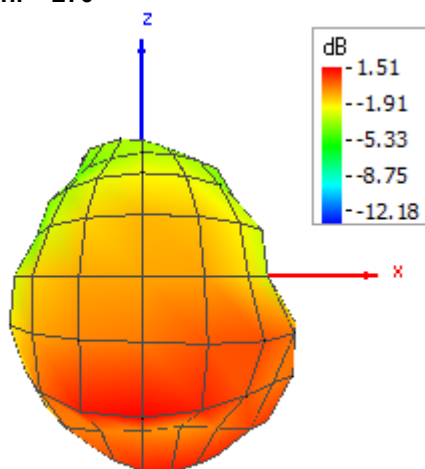
Theta = 90, Phi = 0



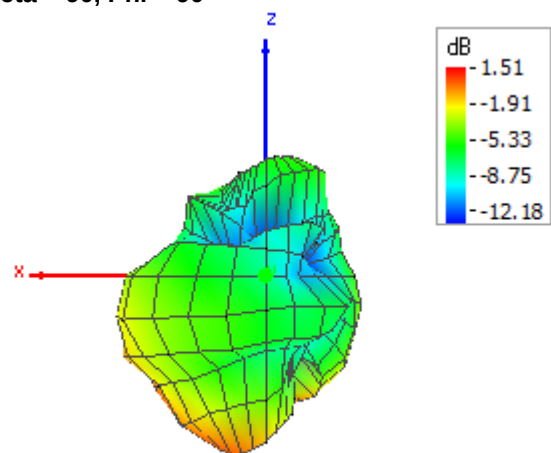
Theta = 90, Phi = 180



Theta = 90, Phi = 270

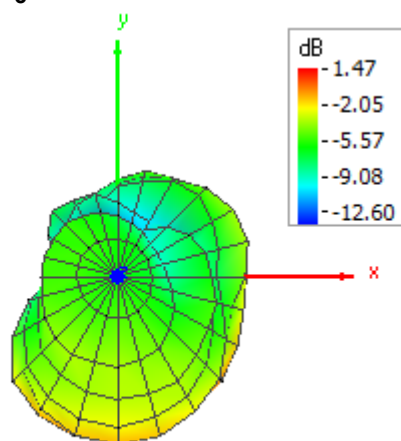


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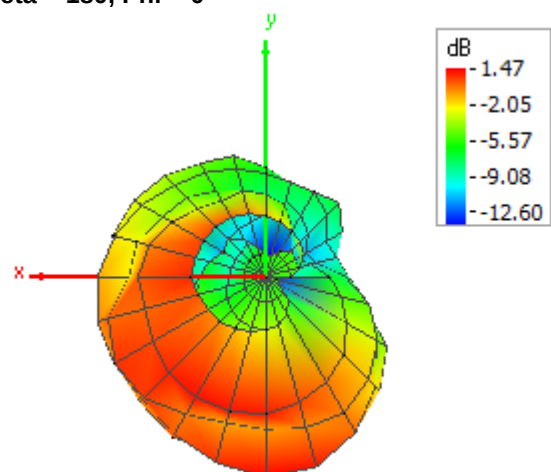


1925 MHz 3D

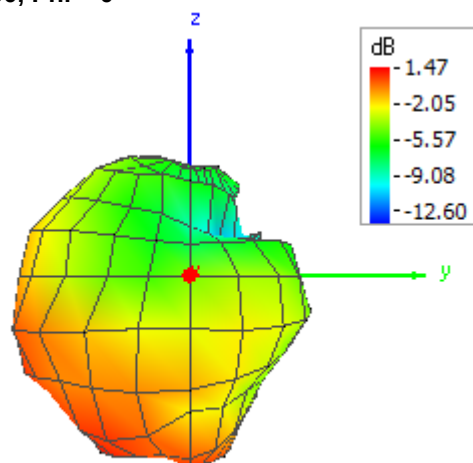
Theta = 0, Phi = 0



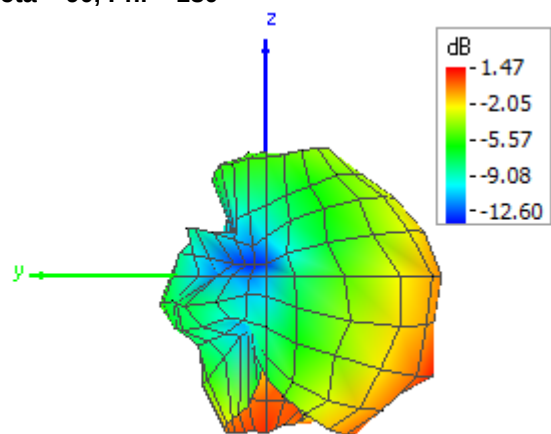
Theta = 180, Phi = 0



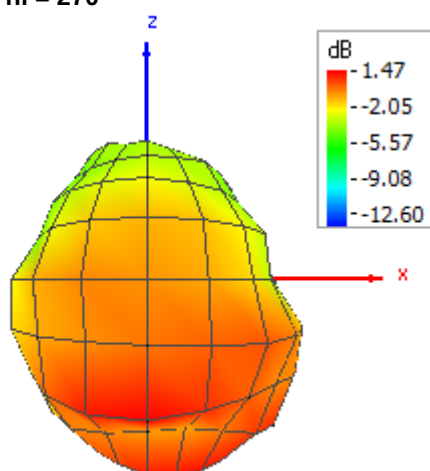
Theta = 90, Phi = 0



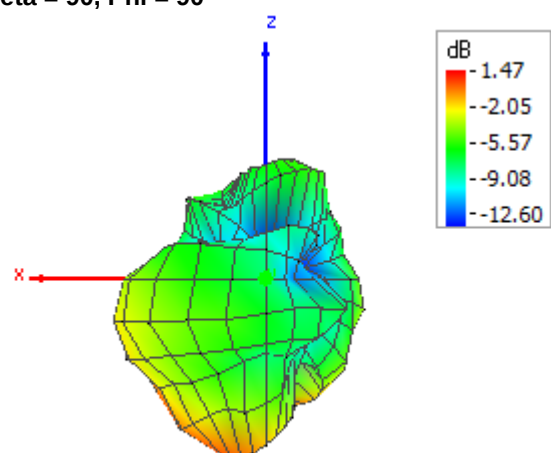
Theta = 90, Phi = 180



Theta = 90, Phi = 270

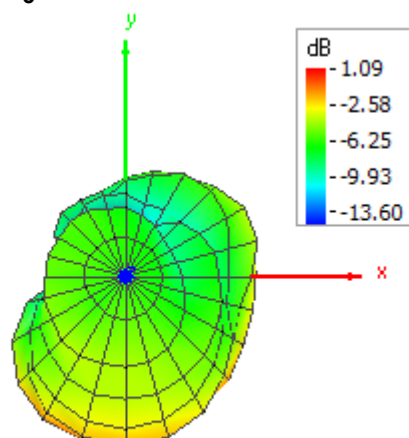


Theta = 90, Phi = 90

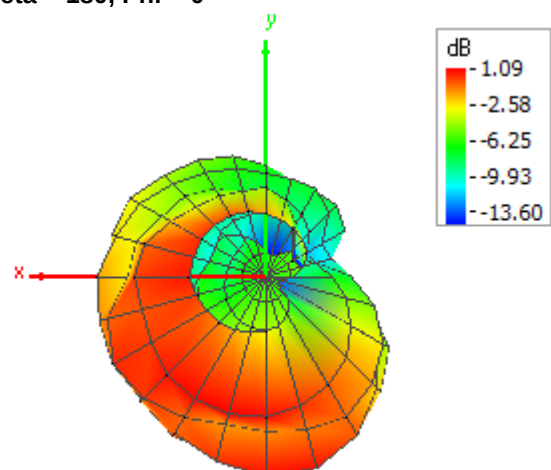


1930 MHz 3D

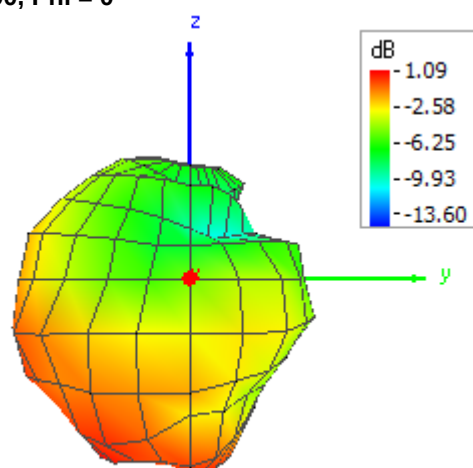
Theta = 0, Phi = 0



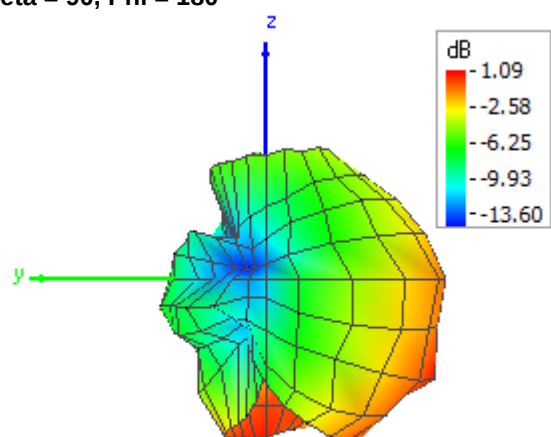
Theta = 180, Phi = 0



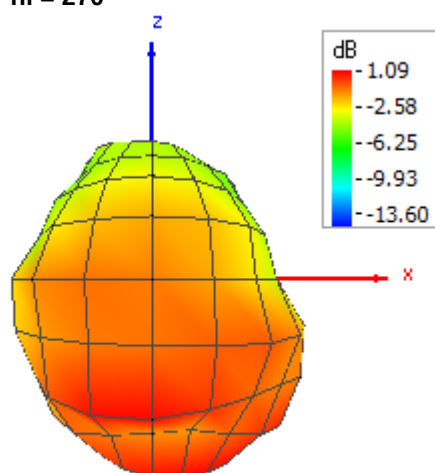
Theta = 90, Phi = 0



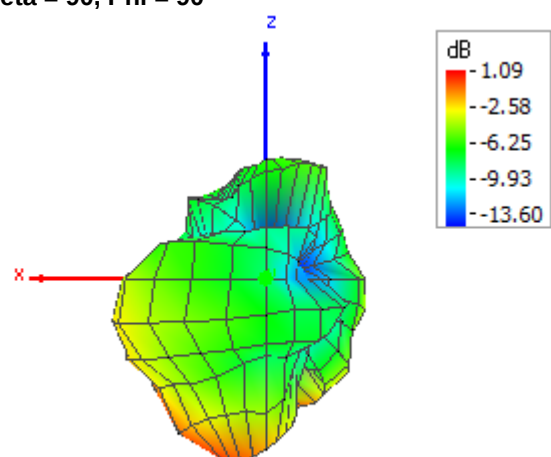
Theta = 90, Phi = 180



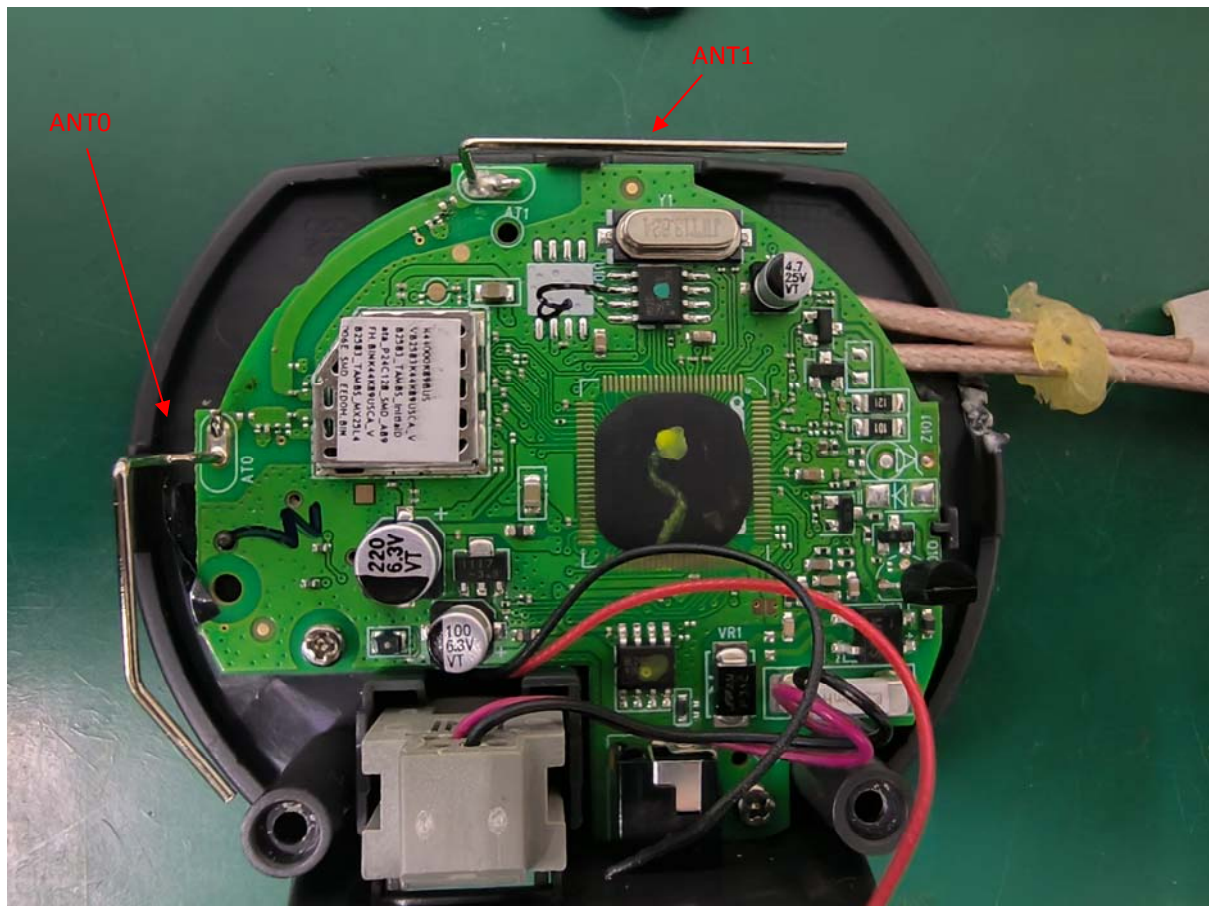
Theta = 90, Phi = 270



Theta = 90, Phi = 90

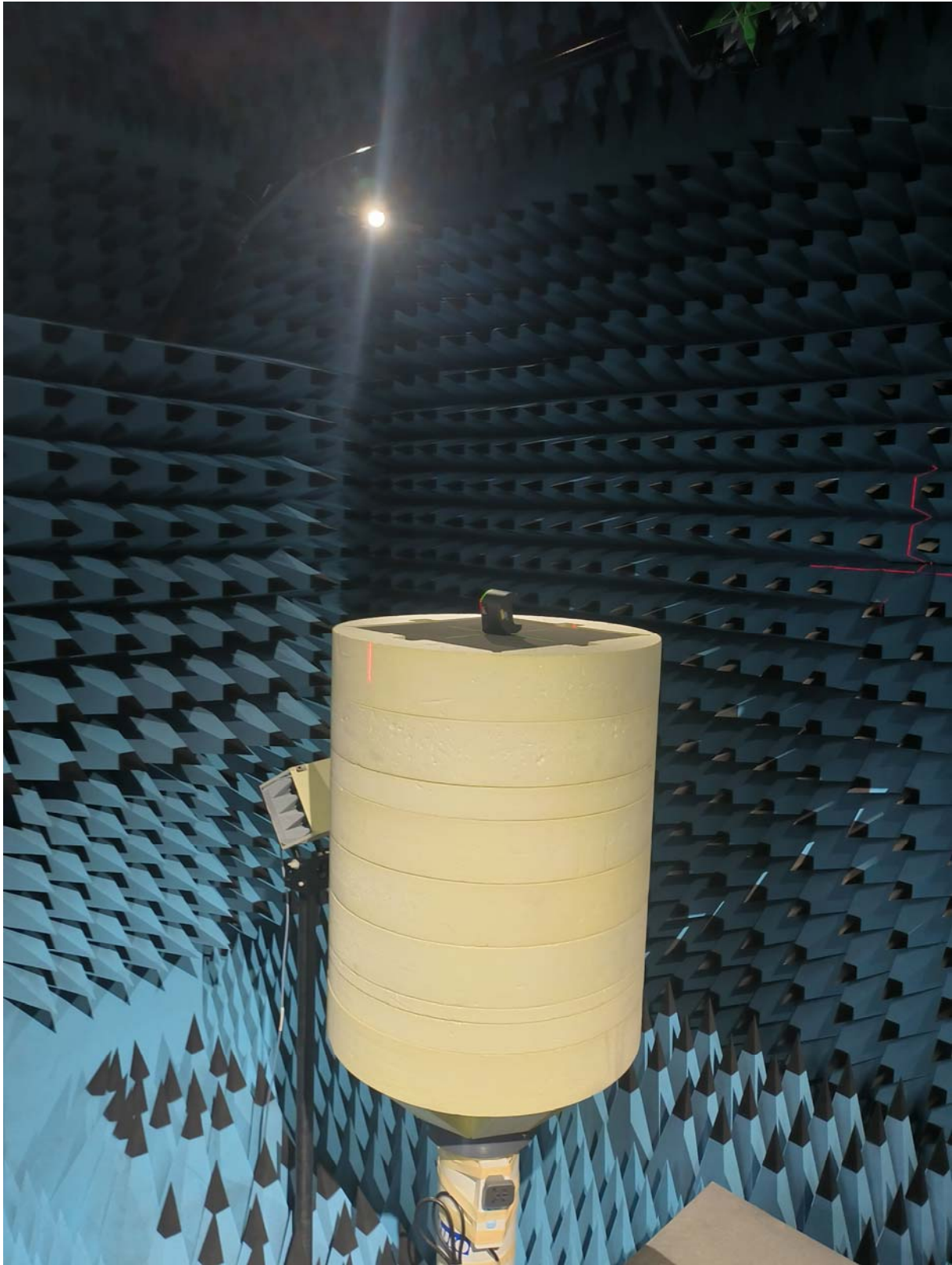


4.EUT PHOTOGRAPHS

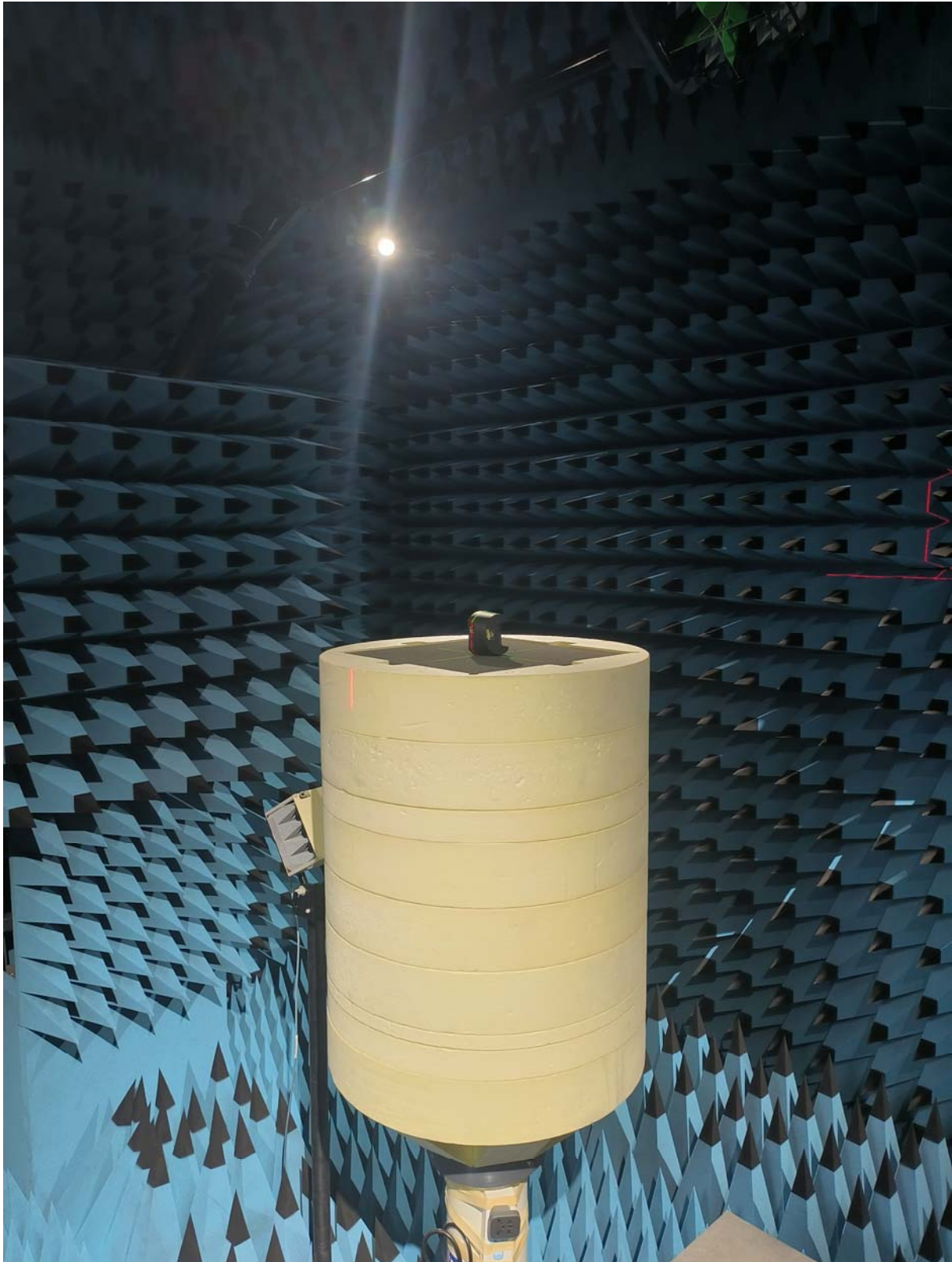


5.TEST SETUP PHOTOGRAPHS

ANT0



ANT1



===== END OF REPORT =====