



中认信通

CHINA CERTIFICATION ICT CO., LTD (DONGGUAN)

ANTENNA TEST REPORT

Manufacture: Astera LED Technology GmbH

Address: Schatzbogen 60, 81829 Munich, Germany

Product Name: Aganus antenna

Product Model: Aganus antenna

Report Number: 2403A54189E-RF

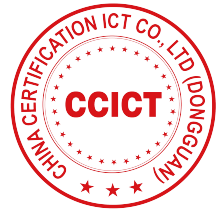
Date Of Issue: 2025/1/3

Reviewed & Sun Zhong

Approved By:

Title: Manager

Sun Zhong



Test Laboratory: China Certification ICT Co., Ltd (Dongguan)

No. 113, Pingkang Road, Dalang Town, Dongguan, Guangdong, China

Tel: +86-769-83085888

www.ccttt.com.cn

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	2403A54189E-RF	Original Report	2025/1/3

1. GENERAL INFORMATION

Product Name:	Aganus antenna
Product Model:	Aganus antenna
Antenna Type:	PCB
Test Items:	Gain; Efficiency; Radiation Pattern
Test Frequency (MHz):	860, 870, 880, 890, 900, 910, 920, 930
Sample Number:	2VUB-1
EUT Received Date:	2024/12/11
EUT Received Status:	Good

2. TEST CONFIGURATIONS

2.1 Test Environment

Temperature (°C)	22
Humidity (%RH)	42
Atmospheric Pressure (kPa)	101.3
Tester	Leo Li
Test Date	2025/1/2

2.2 Test Equipment

Test Instrument	R&S ZNB8
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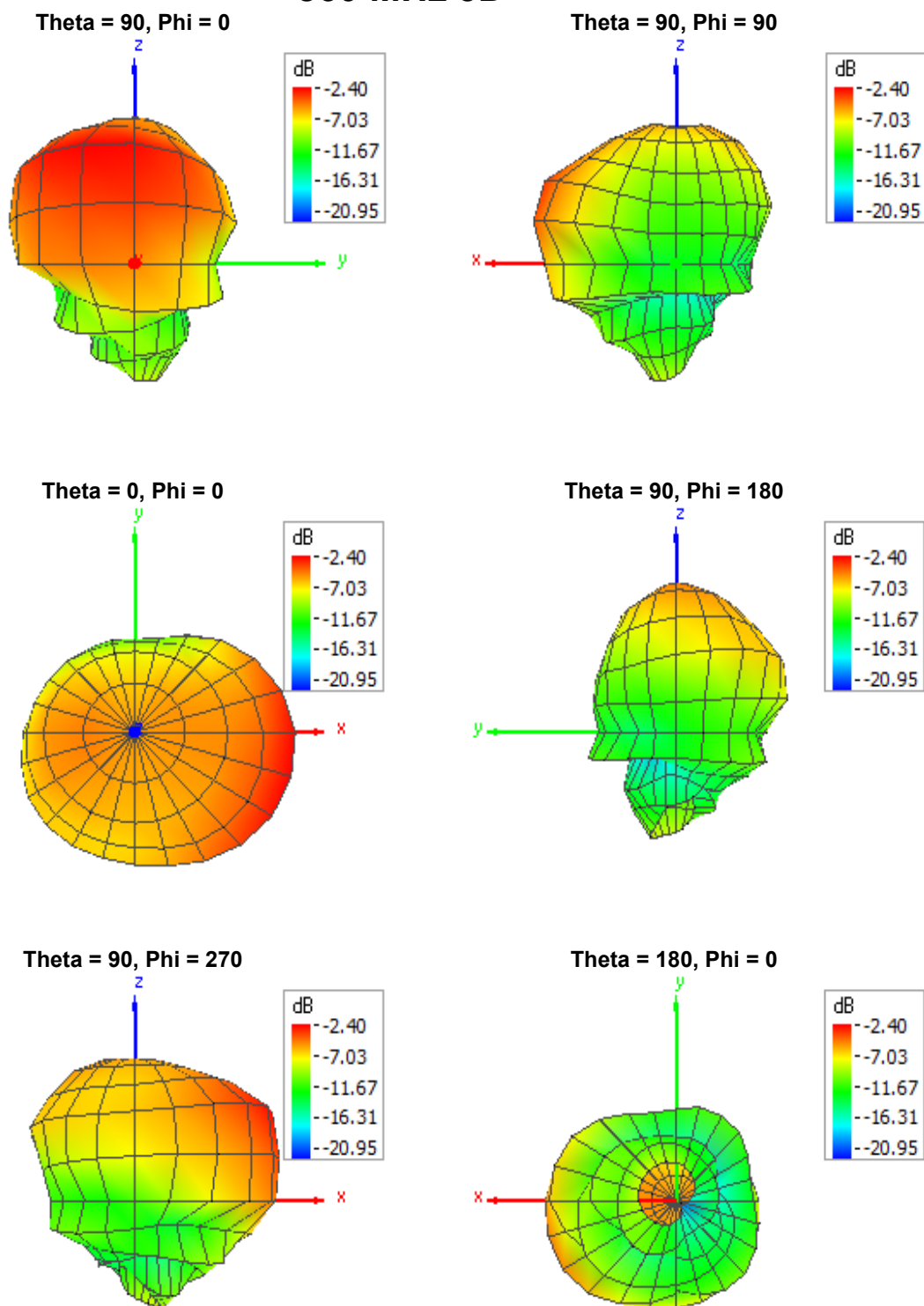
3. TEST RESULTS

3.1 Gain and Efficiency

Frequency (MHz)	Efficiency (%)	Peak Gain (dBi)
860.00	15.58	-2.40
870.00	17.46	-2.13
880.00	16.54	-2.63
890.00	15.84	-3.16
900.00	14.79	-4.08
910.00	15.52	-3.38
920.00	16.01	-2.79
930.00	15.68	-3.44

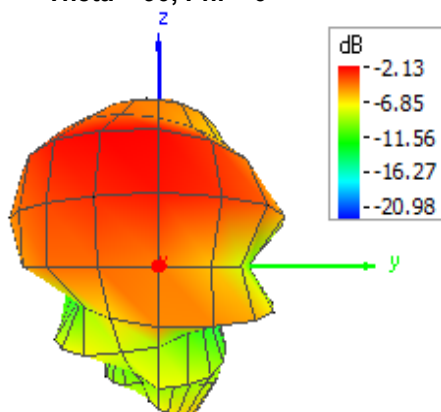
3.2 Radiation Pattern

860 MHz 3D

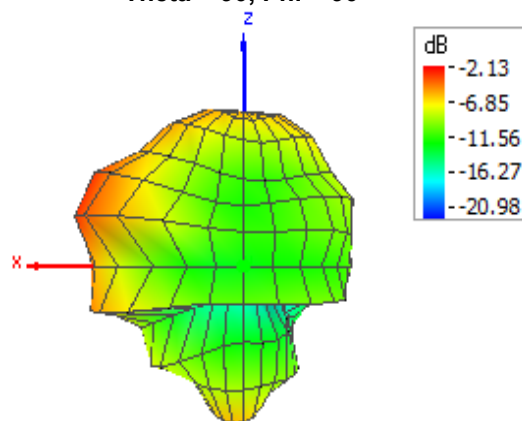


870 MHz 3D

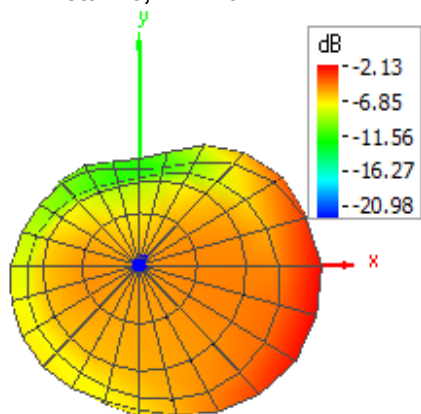
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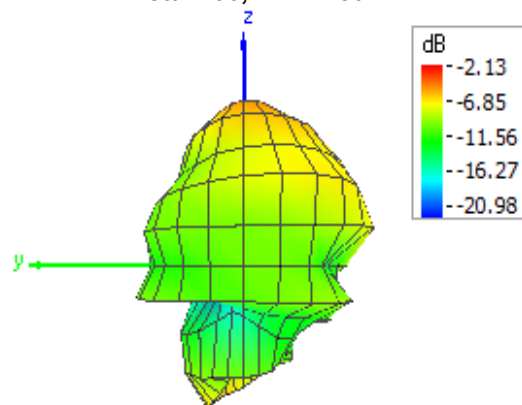
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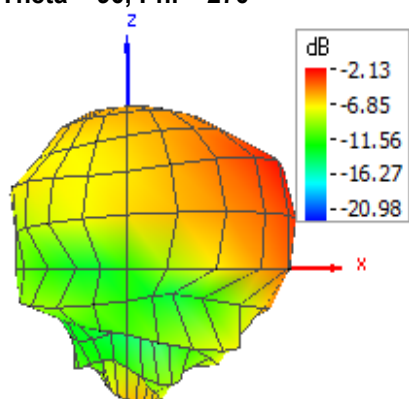
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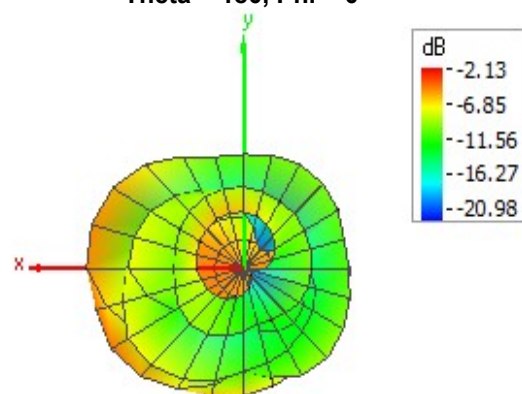
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Theta = 90, Phi = 270

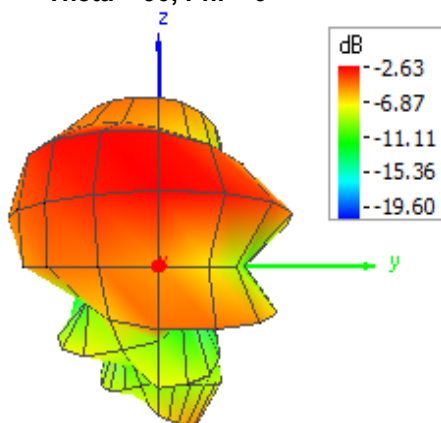


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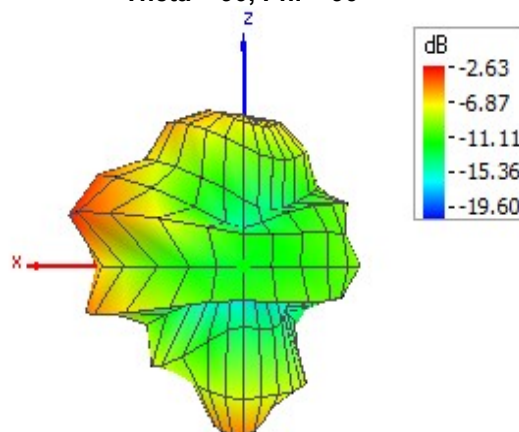


880 MHz 3D

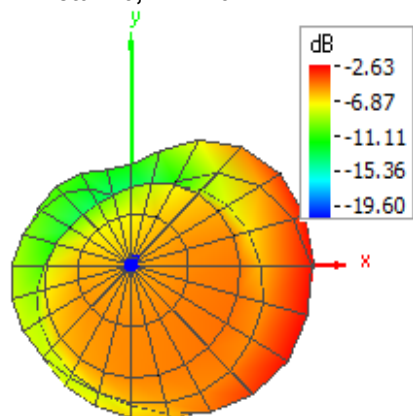
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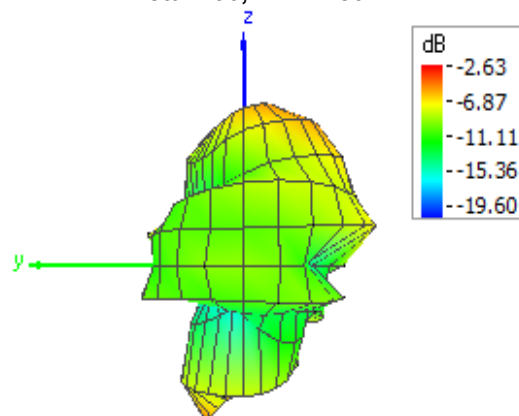
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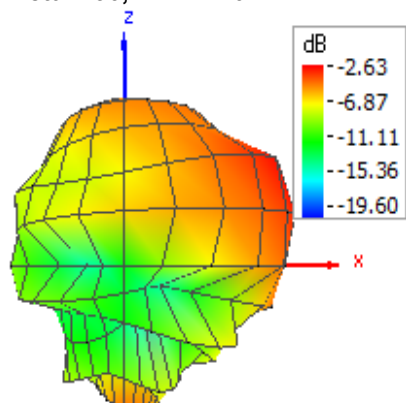
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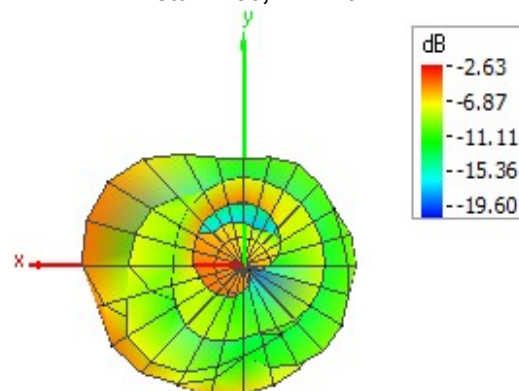
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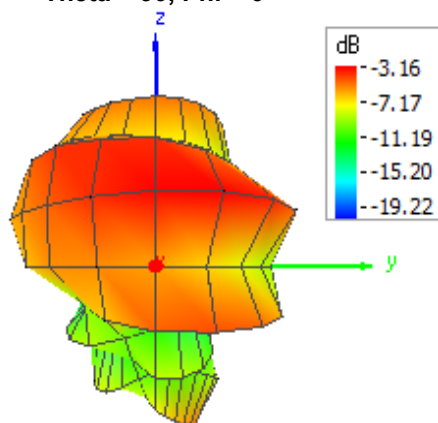


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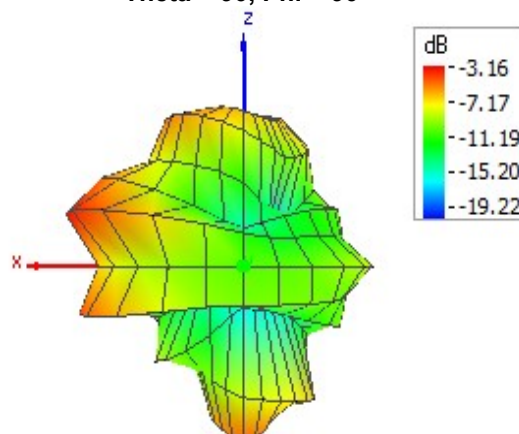


890 MHz 3D

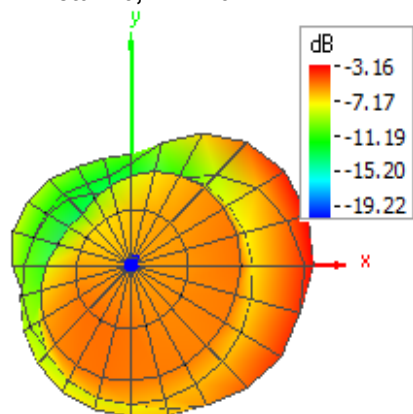
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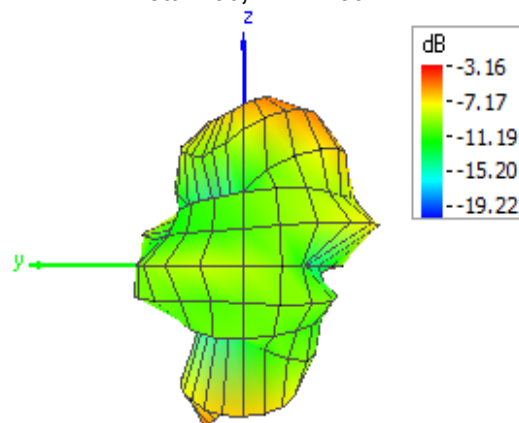
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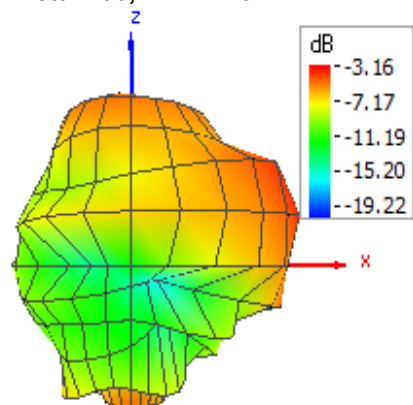
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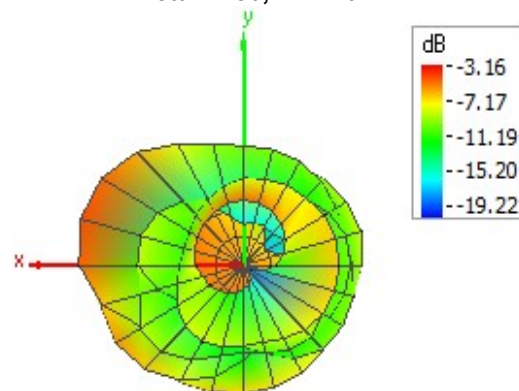
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Theta = 90, Phi = 270

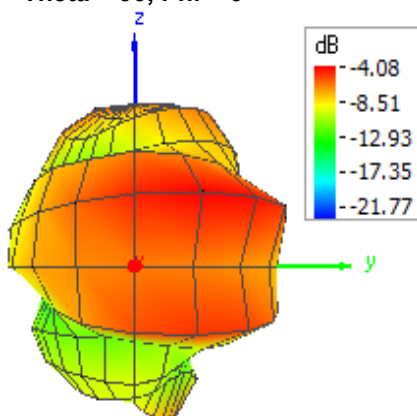


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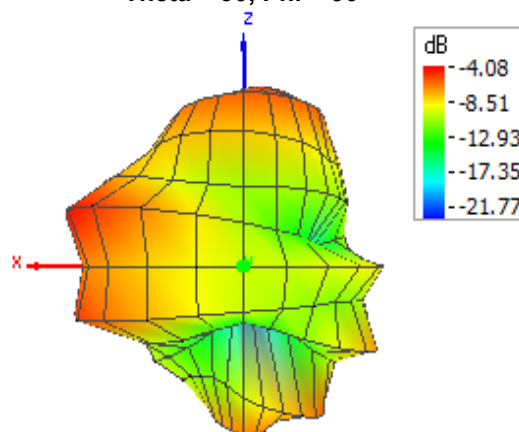


900 MHz 3D

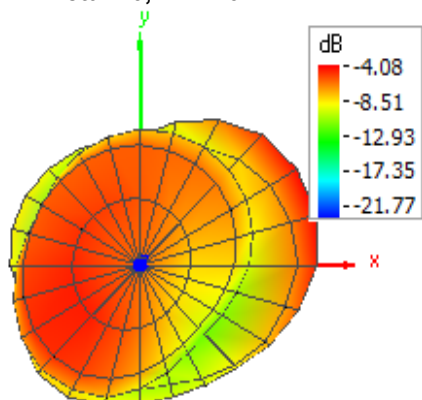
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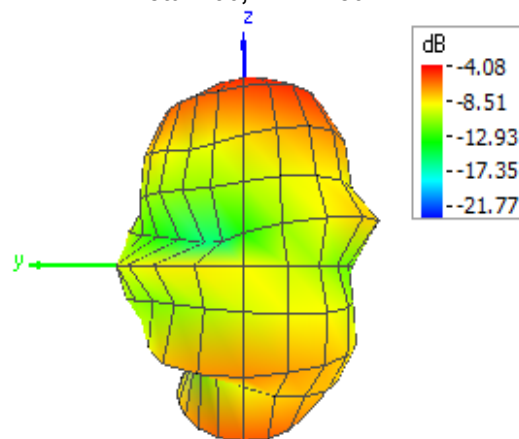
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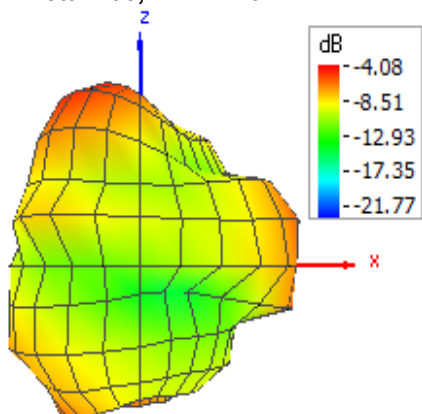
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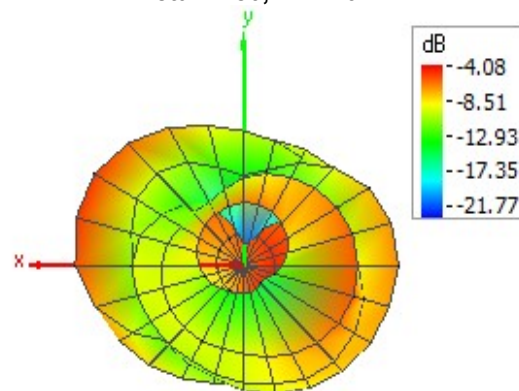
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Theta = 90, Phi = 270

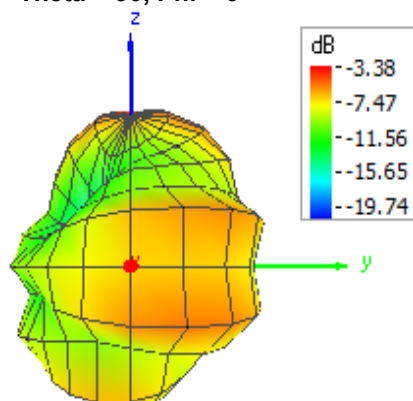


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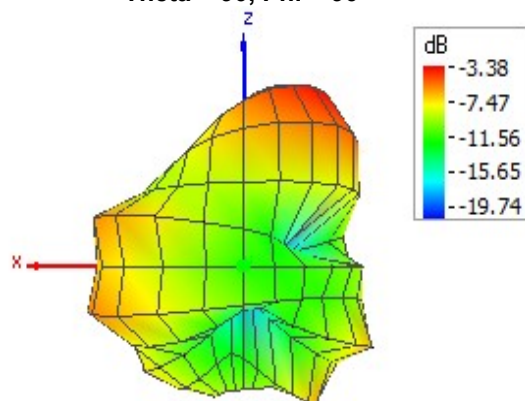


910 MHz 3D

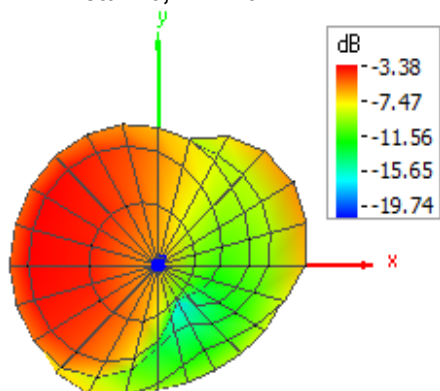
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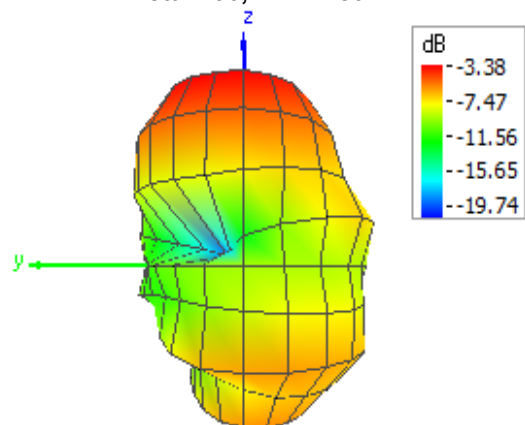
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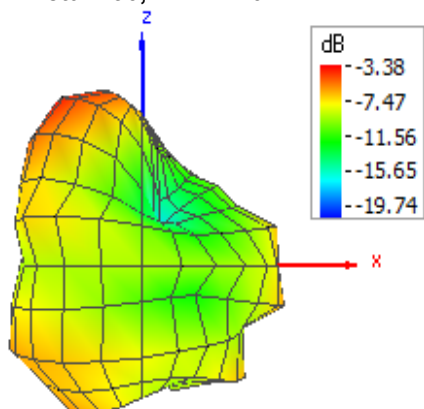
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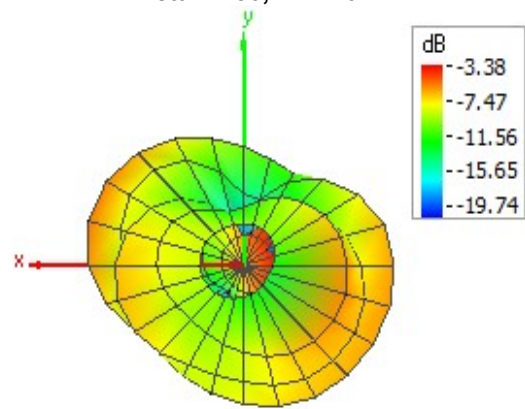
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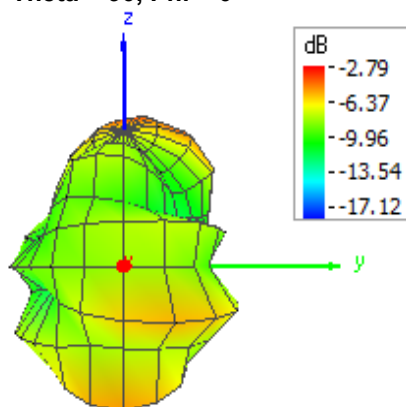


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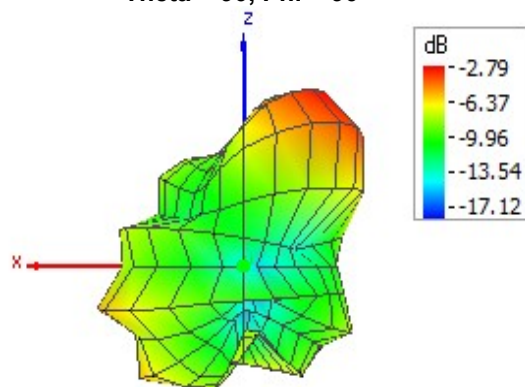


920 MHz 3D

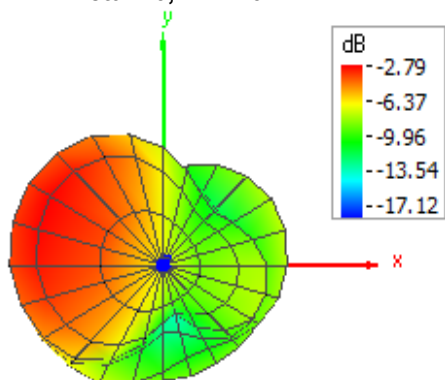
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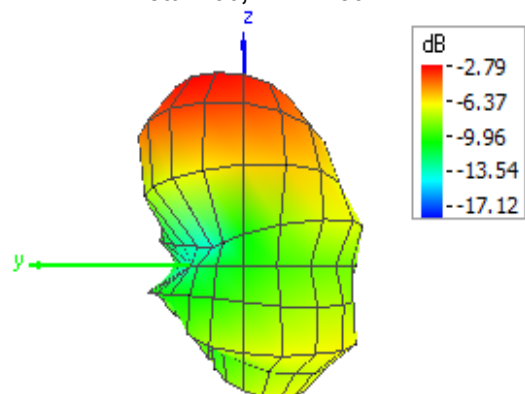
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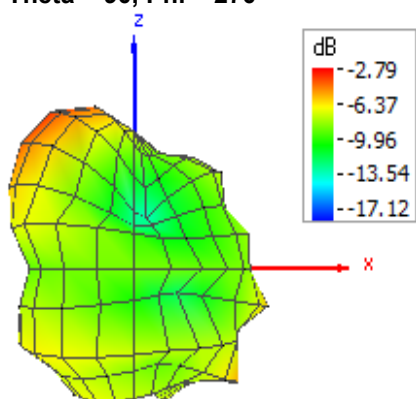
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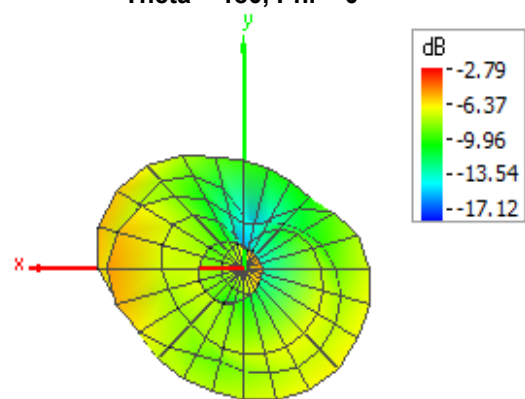
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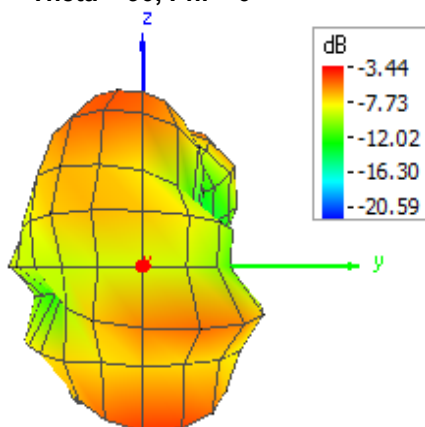


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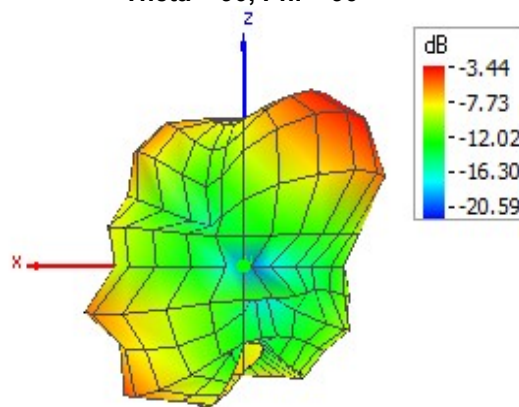


930 MHz 3D

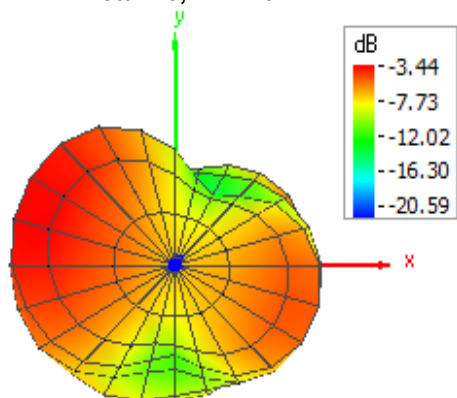
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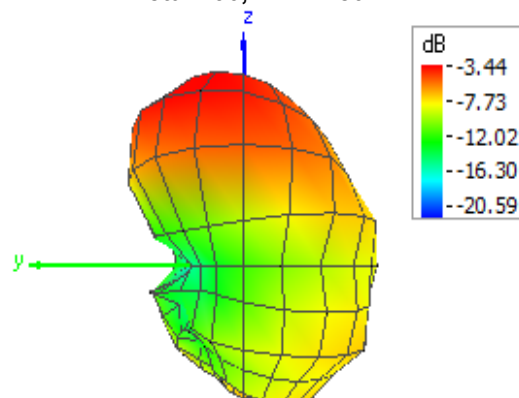
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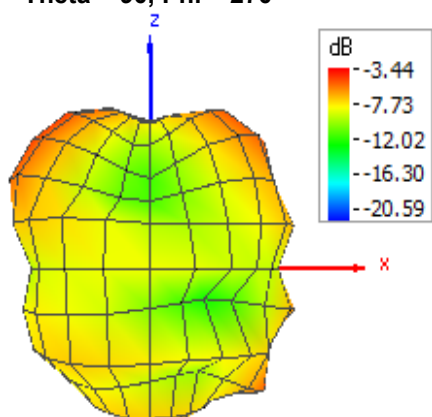
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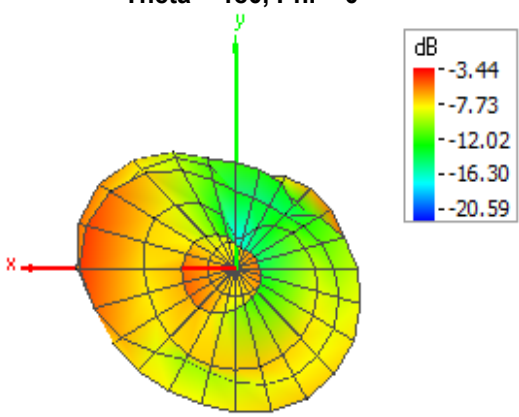
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Theta = 90, Phi = 270

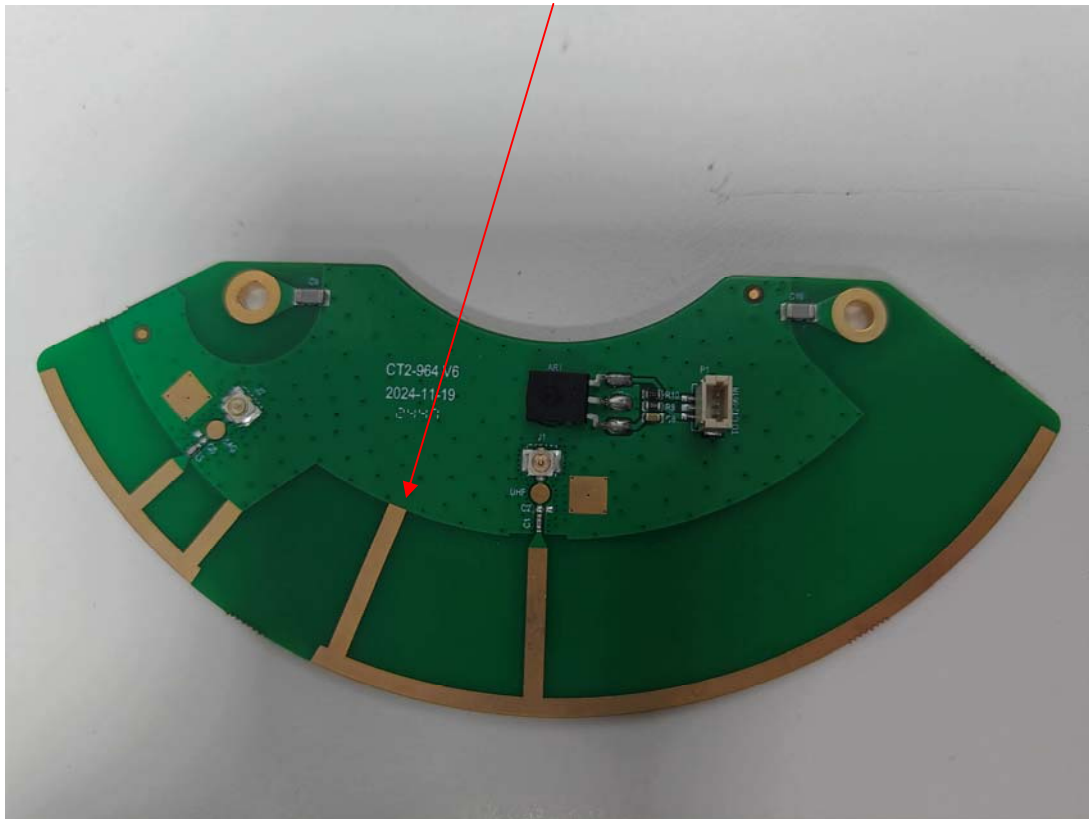


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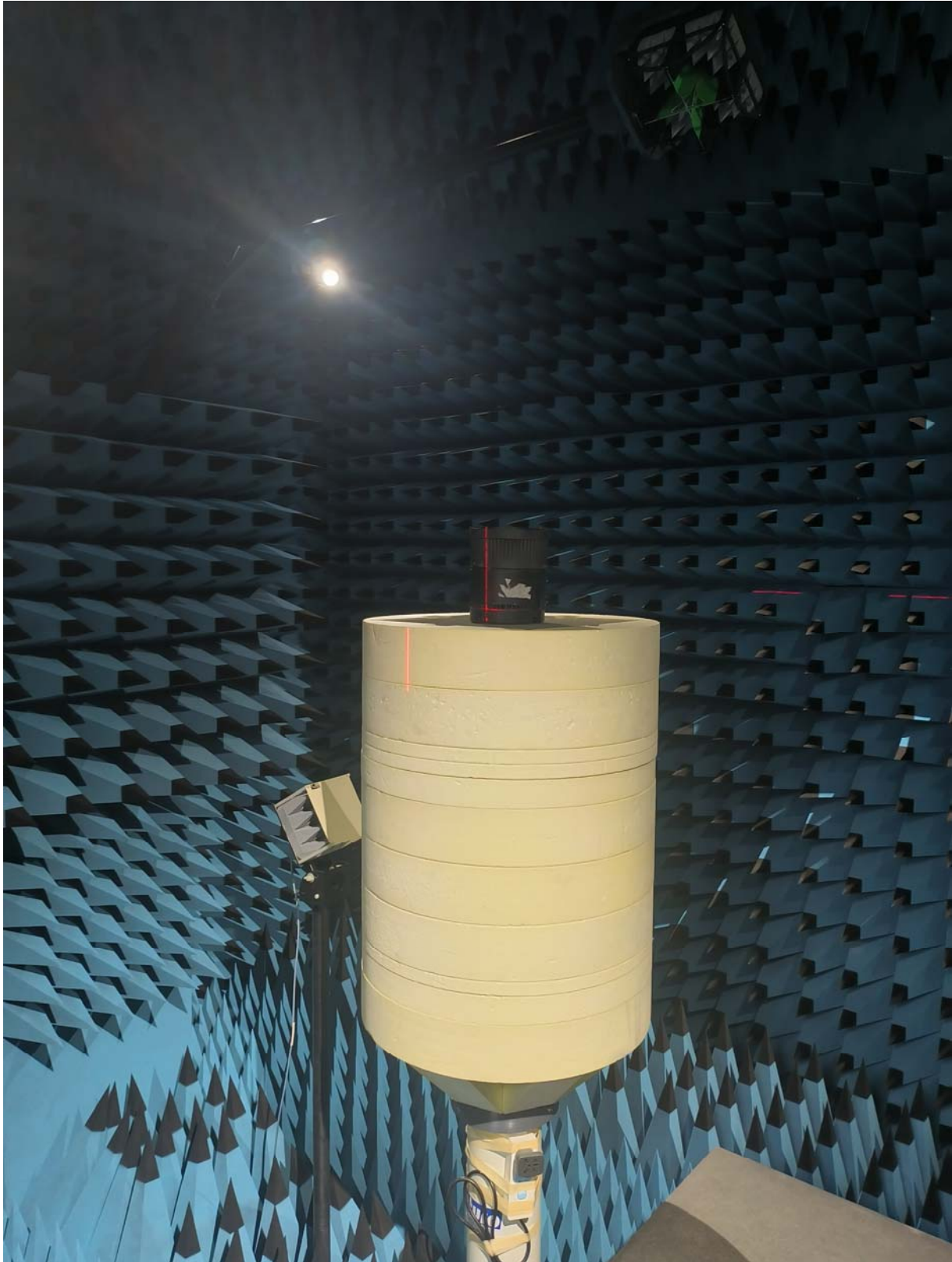


4. EUT PHOTOGRAPHS

Antenna



5. TEST SETUP PHOTOGRAPHS



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