DONGGUAN CITY AITE PRECISION HARDWARE PARTS CO.LTD
Tel:+86 0769-87630186
Room 101，Building 9, No. 198 Zhenxing Avenue, Xiegang Town, Dongguan City, Guangdong Province

1 GENERAL INFORMATION

1.1 Test Environment Condition

Ambient Temperature	19 to 25 ℃
Ambient Relative Humidity	45 to 55 %
Ambient Pressure	N/A (Not applicable)

1.2 Announce

(1) The test report is invalid if not marked with the signatures of the persons responsible for preparing and approving the test report.

(2) The test report is invalid if there is any evidence and/or falsification.

(3) The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein.

(4) This document may not be altered or revised in any way unless done so and all revisions are duly noted in the revisions section.

(5) Content of the test report, in part or in full, cannot be used for publicity and/or promotional purposes without prior written approval from the laboratory.

複製禁止

2 PRODUCT INFORMATION

2.1 Applicant

Applicant	Vocci Inc.
Address	8 The Green, Suite A, Dover, DE 19901, USA
Contact Person	Felix Lyu
Telephone Number	+1(650)2182796
Fax Number	
E-mail Address	support@vocci.ai

2.2 Manufacturer

Manufacturer	Vocci Inc.
Address	8 The Green, Suite A, Dover, DE 19901, USA
Contact Person	N/A
Telephone Number	N/A
Fax Number	N/A
E-mail Address	N/A

2.3 General Description for Equipment under Test (EUT)

EUT Type	Bluetooth Antenna
Model Name	Metal ring Antenna
Antenna Type	Metal ring Antenna
Hardware Version	N/A
Serial Number	N/A
Dimensions	N/A

2.4 Technical Information

Frequency Range	2400MHz~ 2500MHz
Test Frequencies	2400MHz, 2440MHz, 2480MHz

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3 SUMMARY OF TEST RESULTS

3.1 Test Standards

No.	Identity	Document Title
1	IEEE149-1979	IEEE Standard Test Procedures for Antennas

3.2 Test Verdict

Report Section	Description	Remark
ANNEX A.1	Gain And Efficiency	--
ANNEX B	Radiation Pattern	--

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4 GENERAL TEST CONFIGURATIONS

4.1 Test Condition

Environment Parameter	Selected Values During Tests		
	Temperature	Voltage	Relative Humidity
Normal Temperature, Normal Voltage (NTNV)	25°C	N/A	51%

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Vector Network Analyzer	Agilent	E5071C	MY46103472	2025.11.07	2026.11.07
5*4*3 Full Anechoic Chamber	ETS	5*4*3	N/A	2025.11.07	2026.11.07

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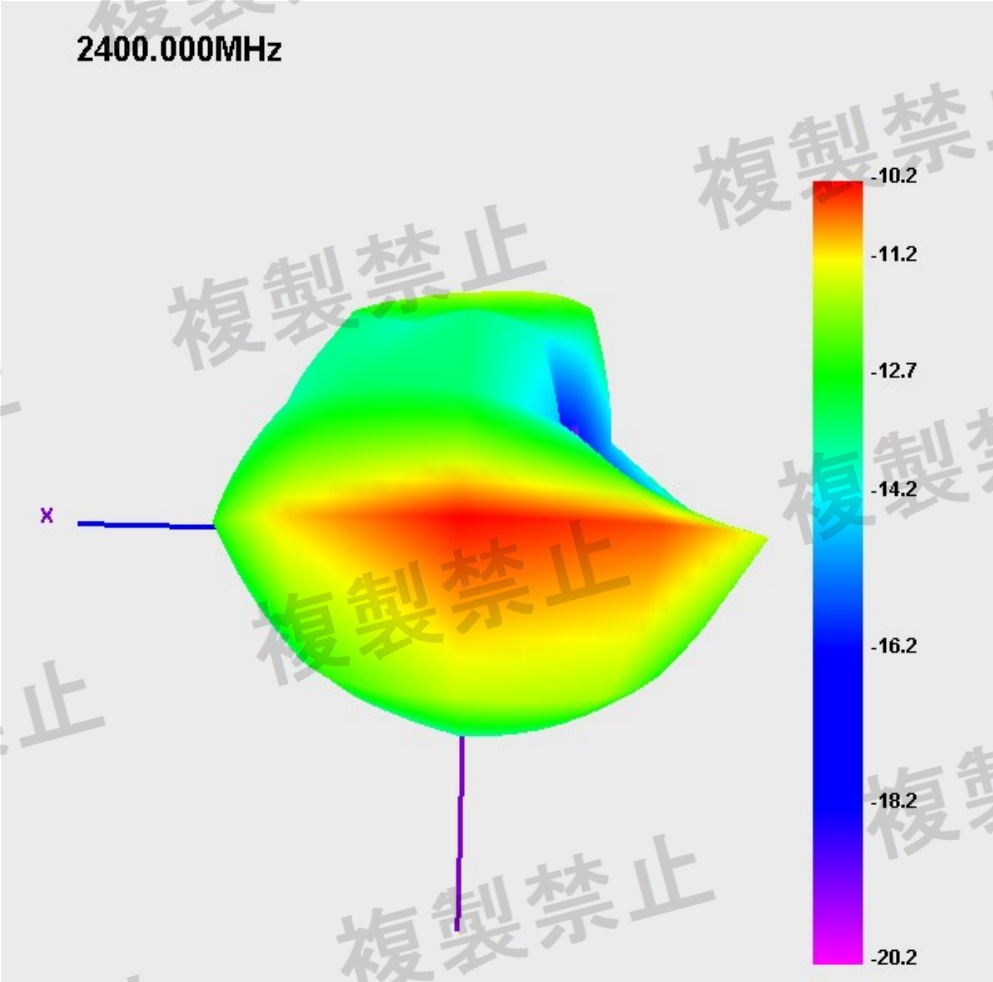
ANNEX A TEST RESULTS

A.1 Gain and Efficiency

Frequency	Gain (dBi)	Efficiency (%)
2400MHz	−10.17	3.09
2440MHz	−9. 59	3.5
2480MHz	-9.17	3.61

ANNEX B RADIATION PATTERN

3D Pattern



2400MHZ

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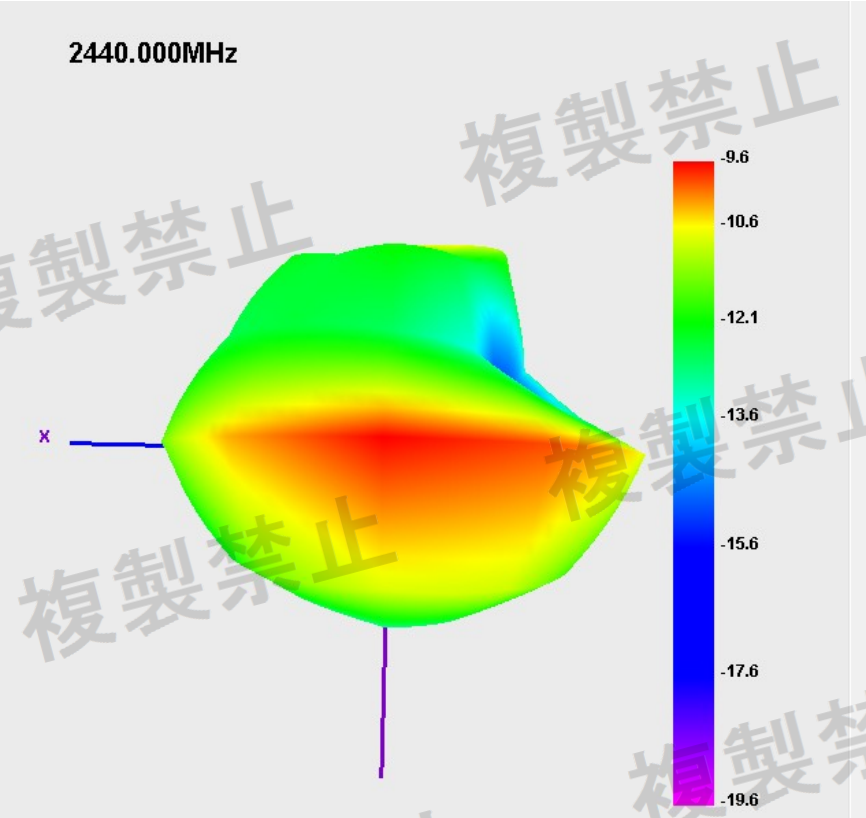
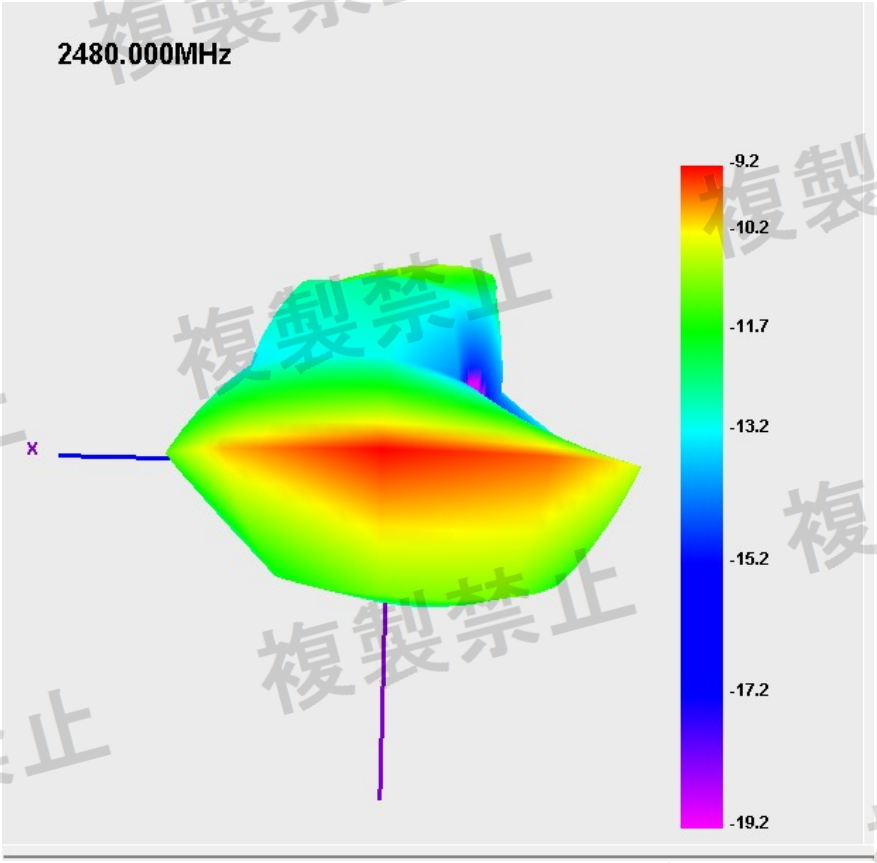
3D Pattern



2440MHZ



2480MHZ

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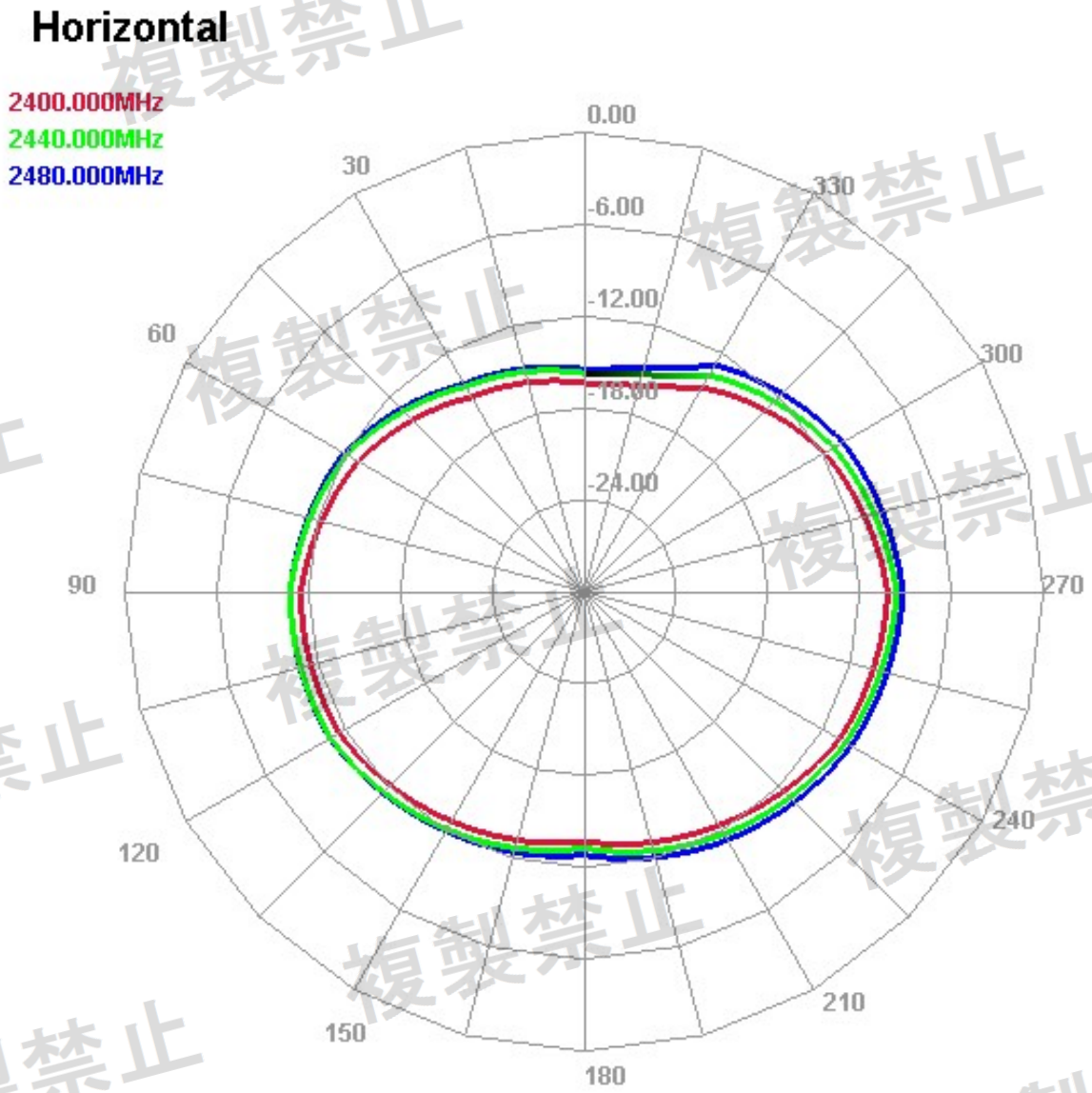
2D Pattern

Horizontal



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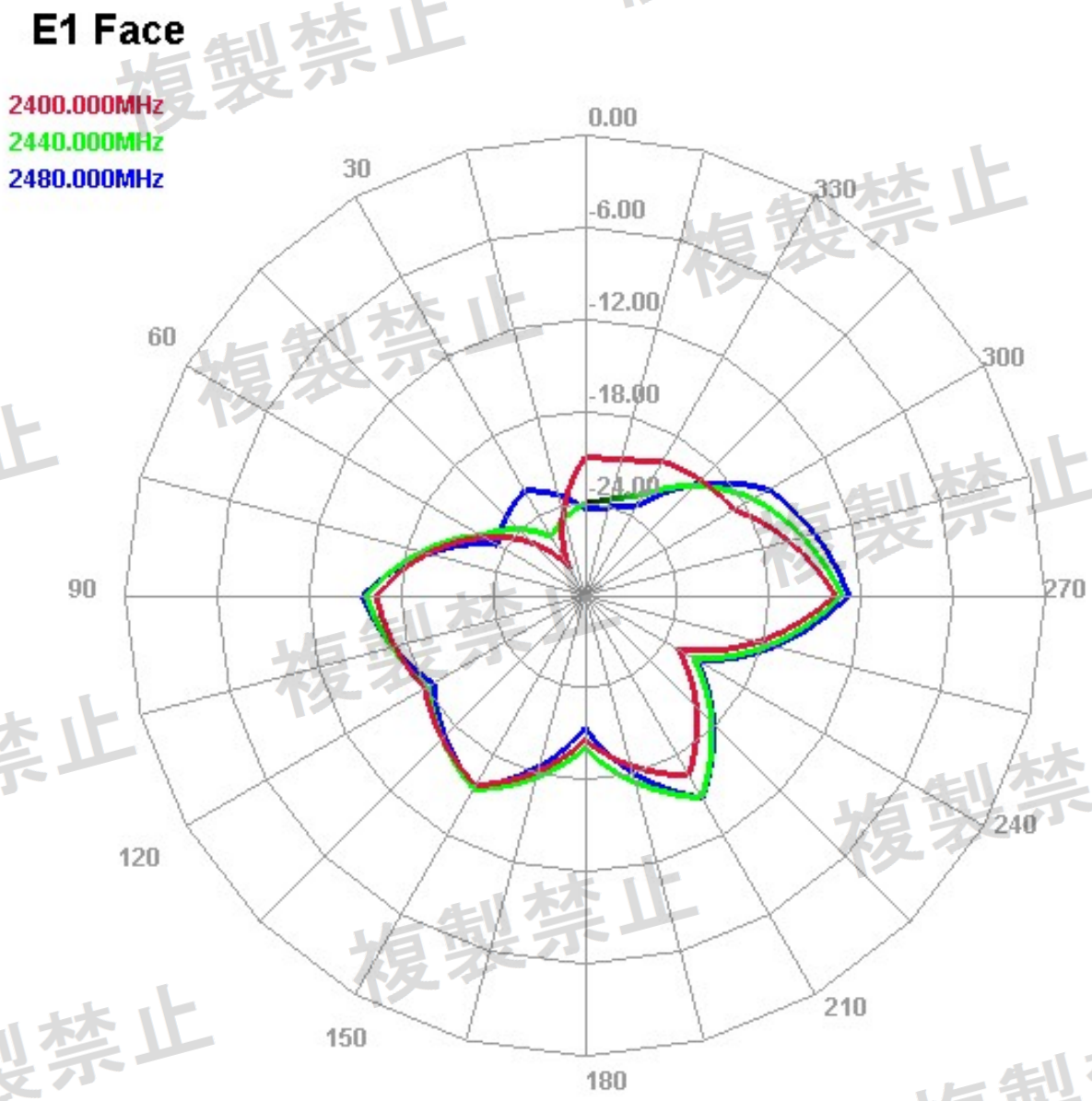
2D Pattern

E1 Face



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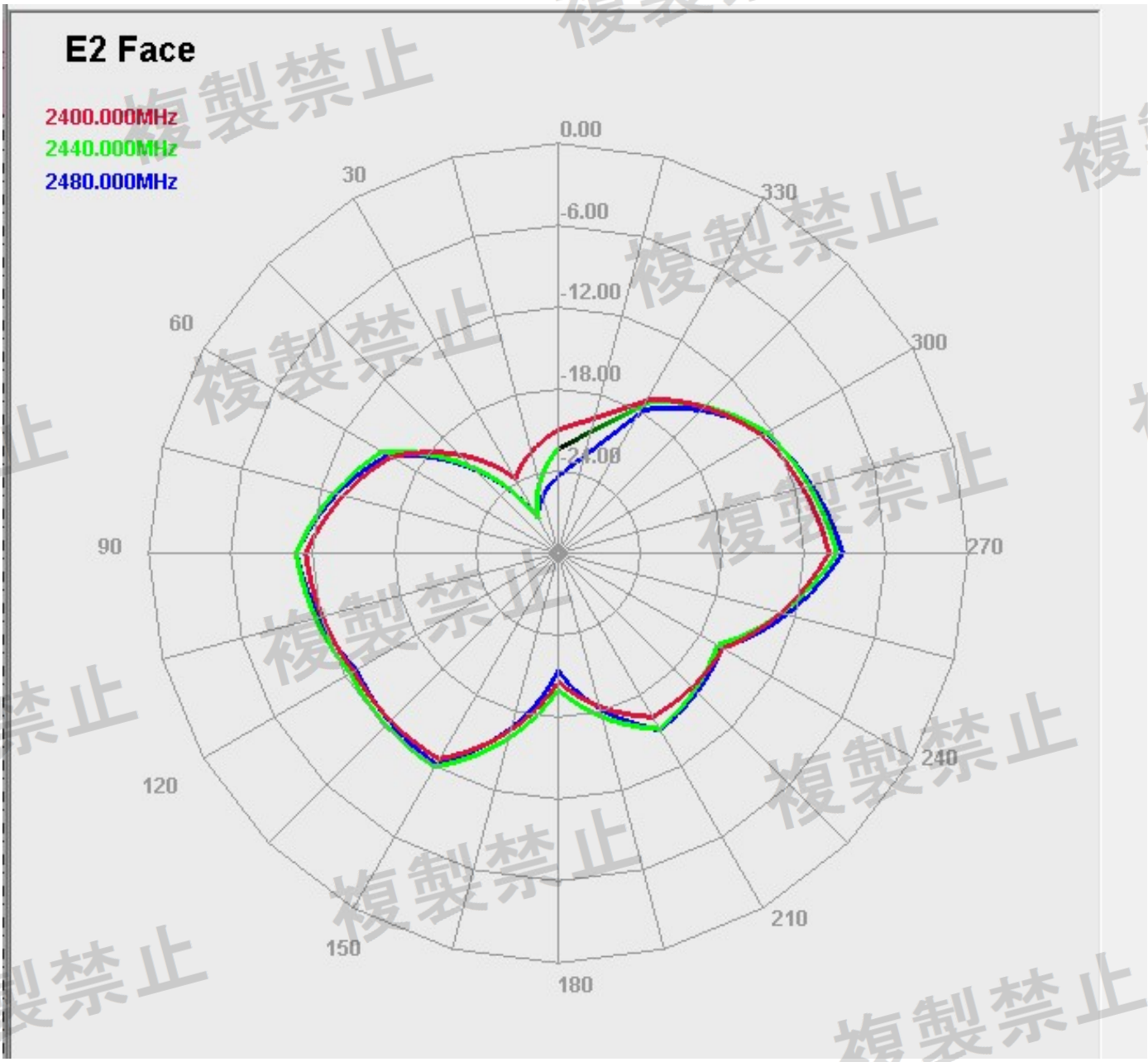
2D Pattern

E2 Face



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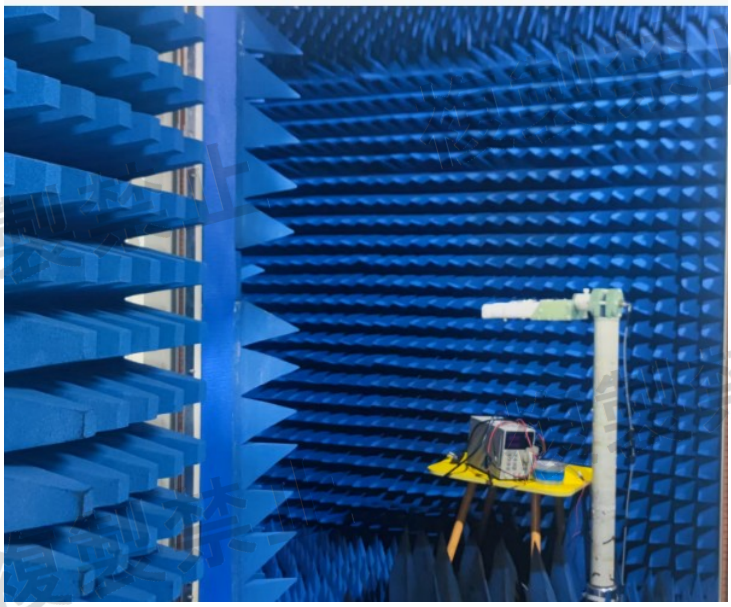
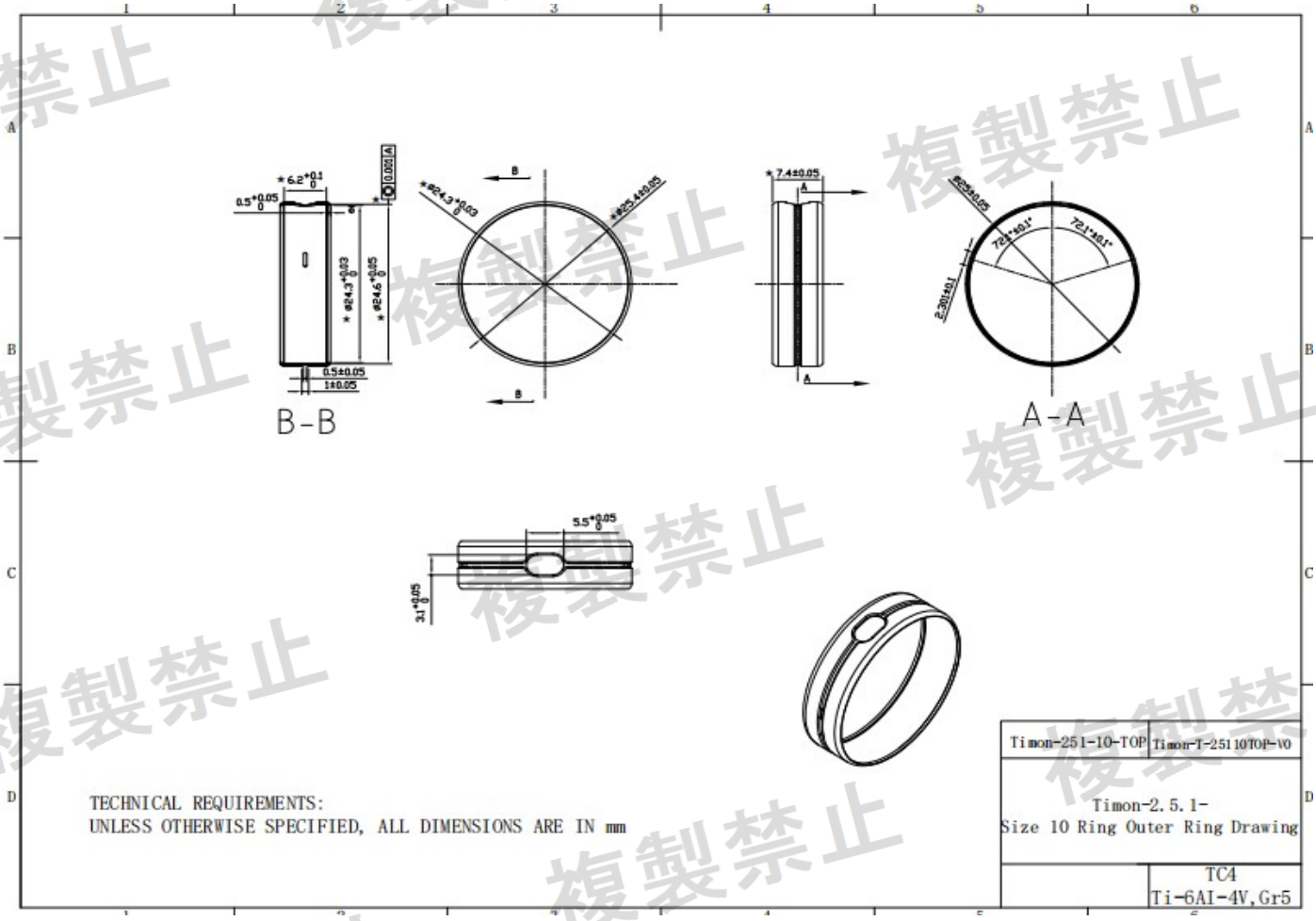
ANNEX C TEST SETUP PHOTO



ANNEX D EUT PHOTO

Antenna shape