

深圳亦是科技有限公司

Shenzhen Yishi Technology Co., Ltd

规格承认书

SPECIFICATION FOR APPROVAL

日期 2025/08/16
Date

编号 25081601
File No

版本 1.0
Revision

客户
CUSTOMER: Shenzhen Radiomaster Co.,Ltd

客户料号 XD-FL-00856

品名
PART NAME: 862-928MHz/2.4-2.5G Antenna

供方料号
SUPPLIER NO: A-EM-P01

送样日期Date: 2025-7-22

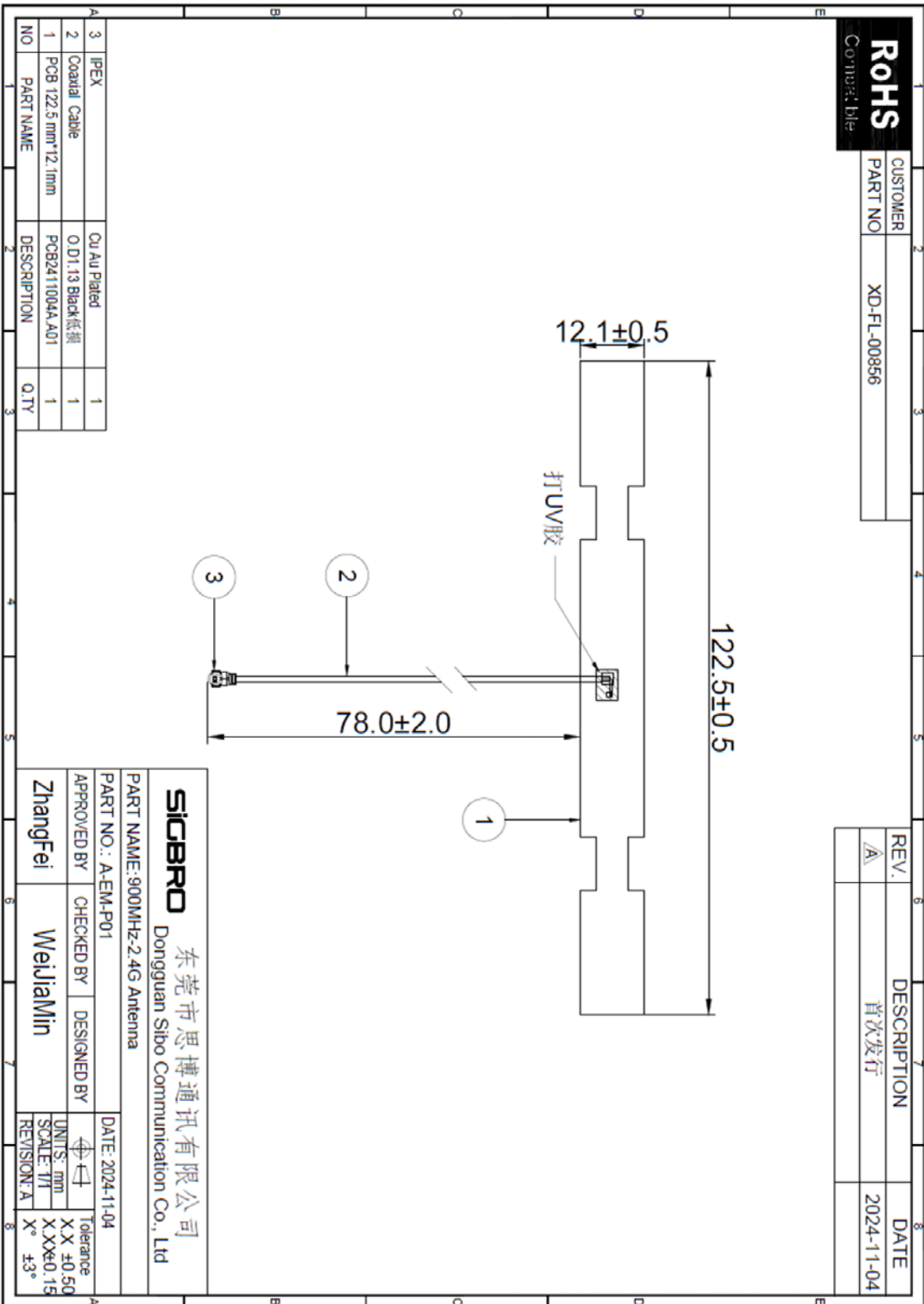
送样数量Q “TY:50PCS

客户确认CUSTOMER APPROVED BY		
APPROVAL	CHIEF	SUPERVISOR
供方确认 SUPPLIER SIGNATURE		
APPROVAL	CHECK	DESIGN
Hunter	Luo	Liu

承认书项目表

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10	N/A	N/A	N/A
11	-	-	-
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Drawing



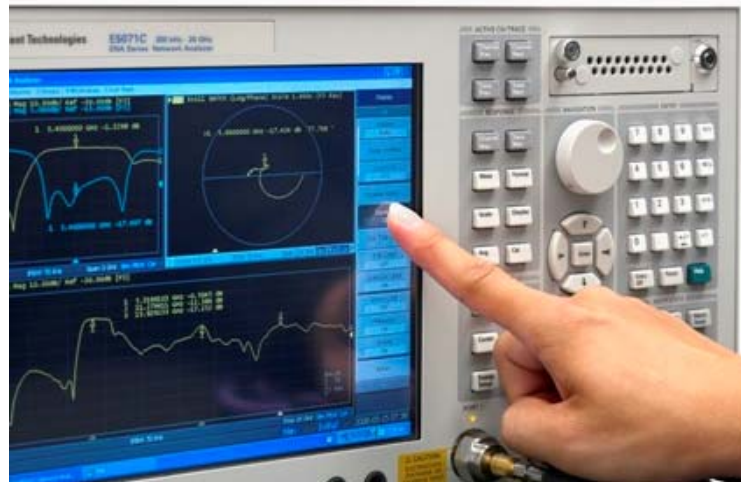
天线规格

Antenna Specification

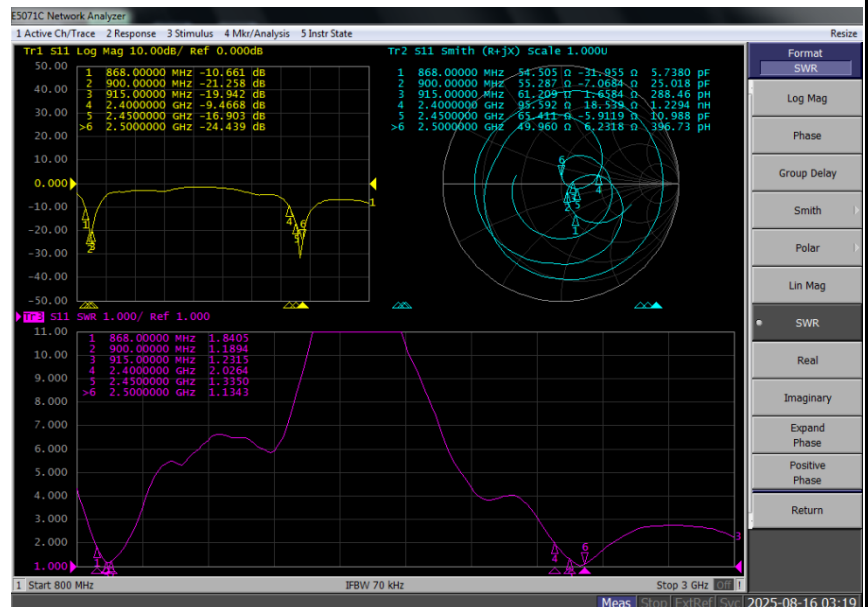
Electrical Properties	
Frequency	862-928MHz/2400-2500MHz
Impedance	50 Ohm Nominal
V.S.W.R	≤2.0(Max)
Return Loss	≤-10(Max)
Radiation	Omni-directional
Gain (Peak)	1.35dBi(Max)
Polarization	Linear
Connector	IPEX-1代
Physical Properties	
Antenna Material	PCB
Cable Type	O.D 1.13低损
Operating Temp.	-10 ~ +60 °C
Storage Temp.	-10 ~ +70 °C
Cable Color	black

Antenna Performance Test

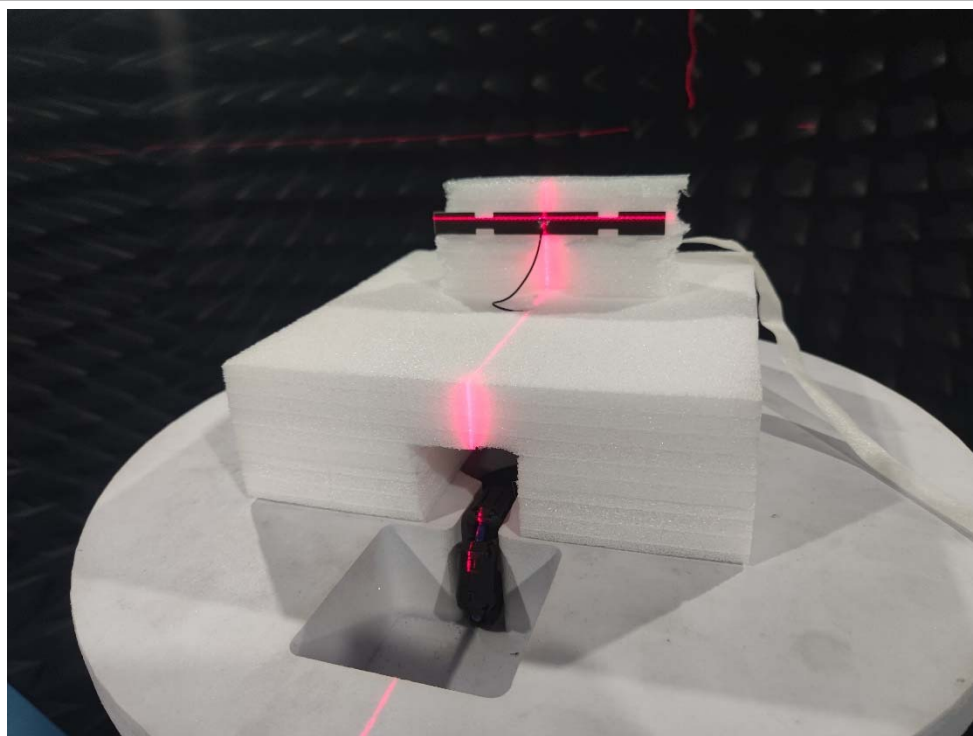
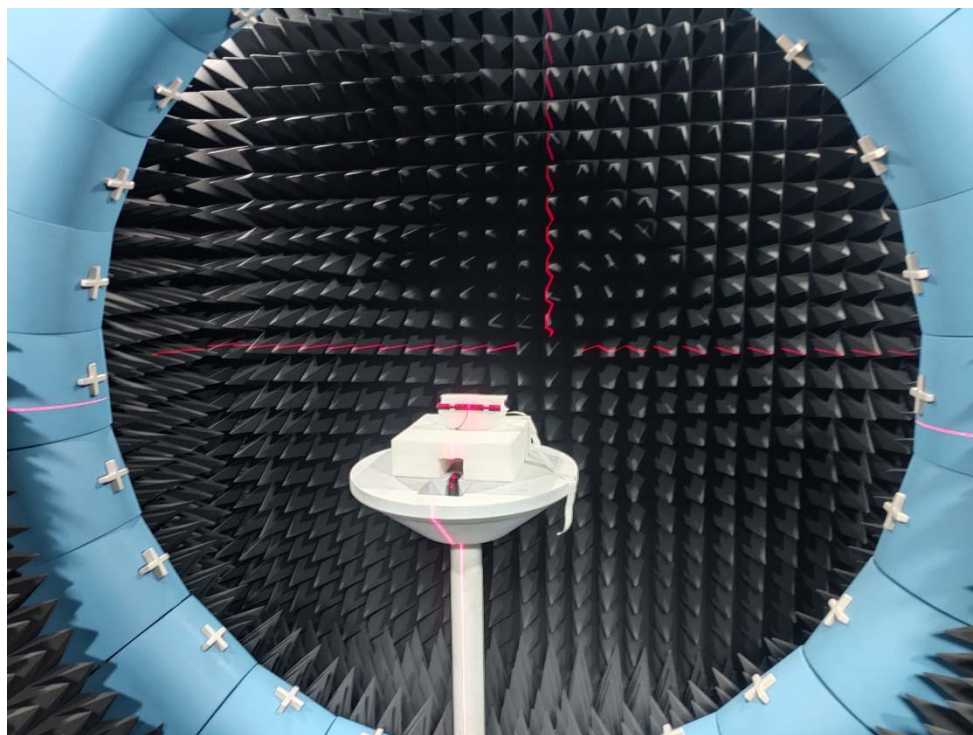
**Agilent
E5071C**



**S
Parameter
Test //
WIFI**



Antenna Passive Test



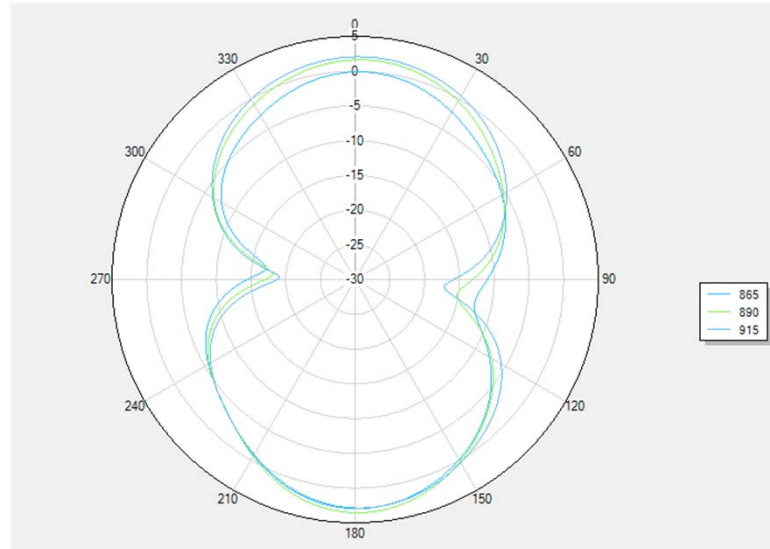
Passive Test For Antenna(865MHz/915MHz)			
Freq (MHz)	Gain (dBi)	Effi (dB)	Effi (%)
862	1.35	-1.73	67.14
890	1.23	-0.84	82.41
902	1.35	-0.47	89.74
928	1.05	-0.17	86.34

Passive Test For Antenna(2400MHz/2500MHz)			
Freq (MHz)	Gain (dBi)	Effi (dB)	Effi (%)
2400	1.01	-2.31	58.75
2450	1.35	-1.62	68.87
2500	1.12	-1.29	74.3

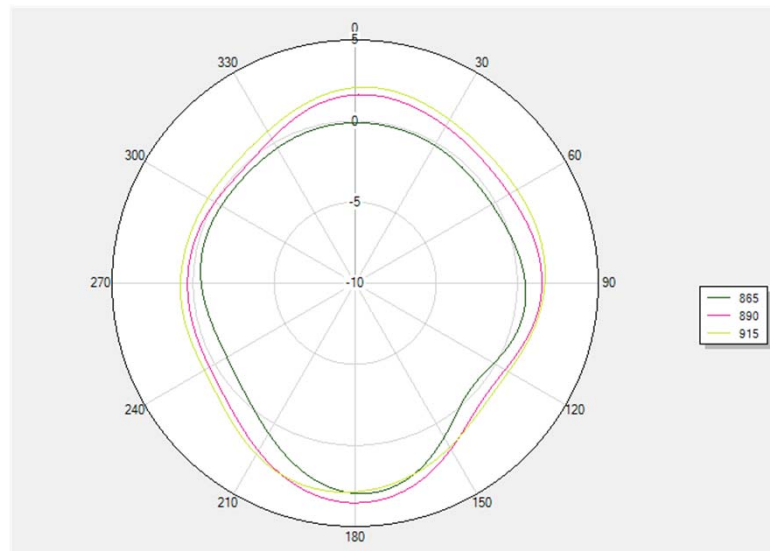
Antenna Radiation Pattern

900MHz

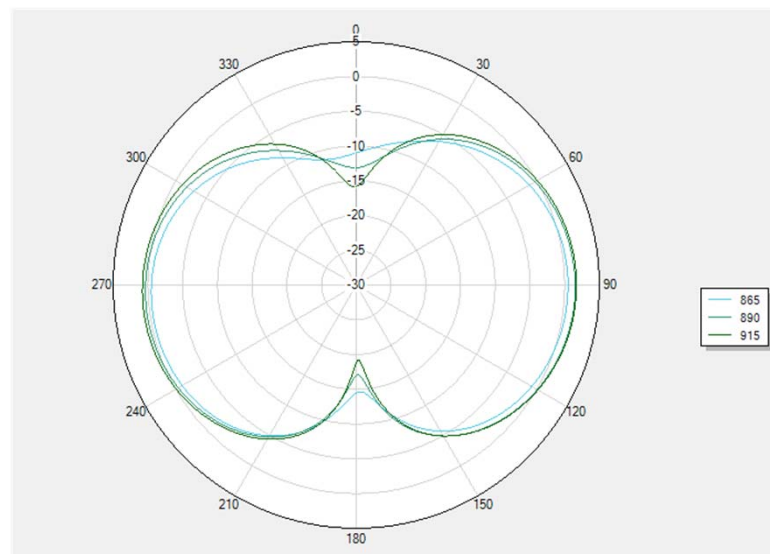
Phi 0 2D



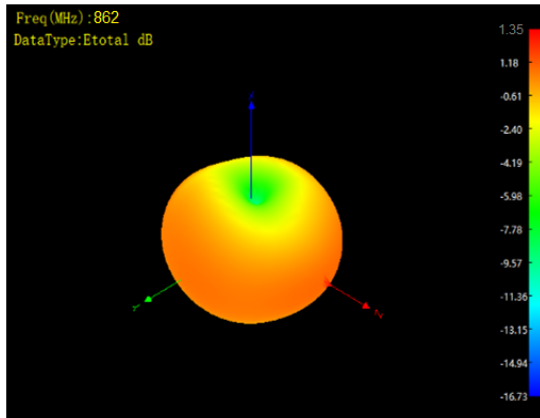
Phi 90 2D



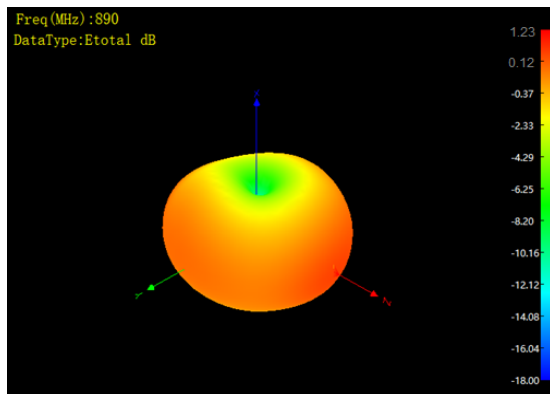
Theta 90 2D



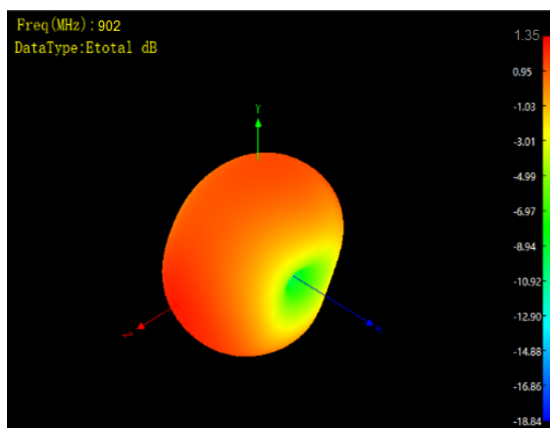
3D: 862MHz



3D: 890MHz



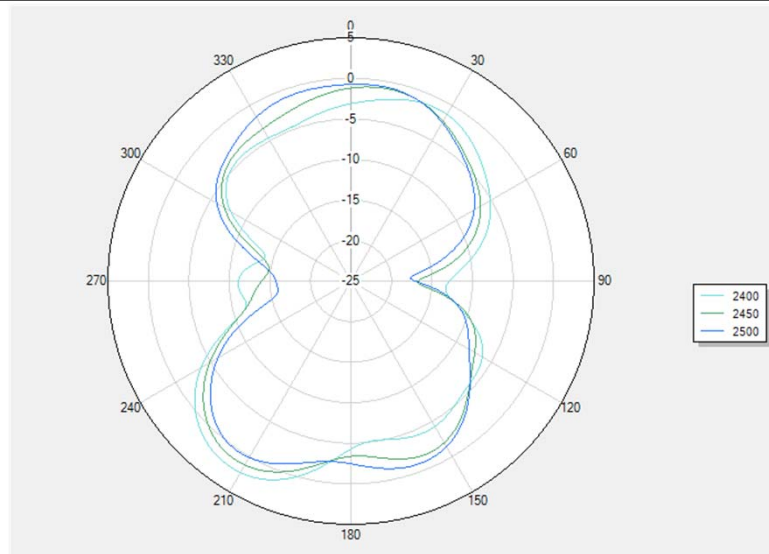
3D: 902MHz



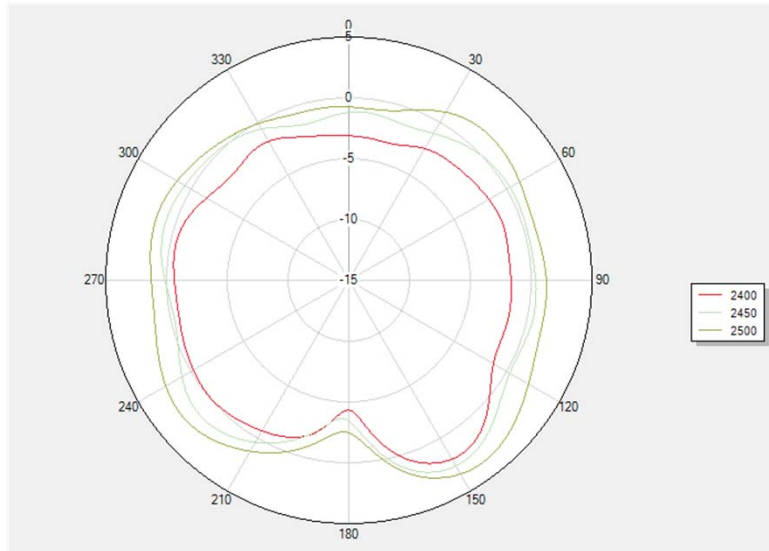
Antenna Radiation Pattern

2.4GHz

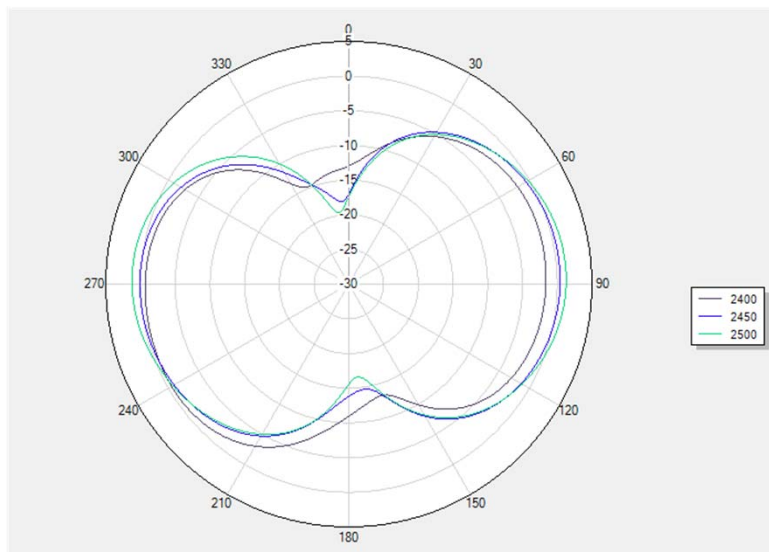
Phi 0 2D



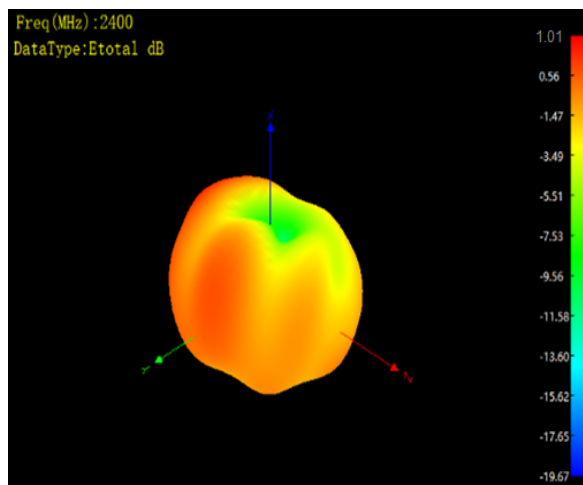
Phi 90 2D



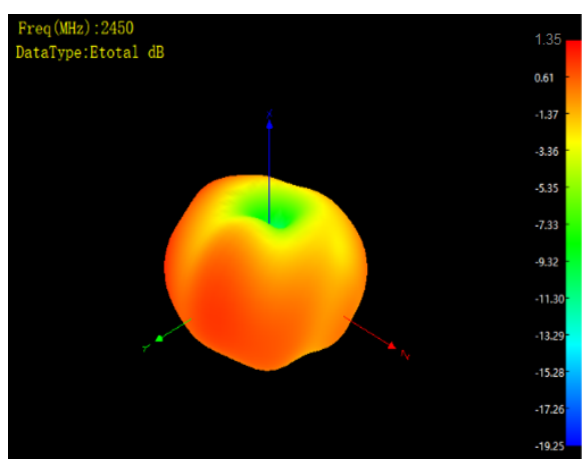
Theta 90 2D



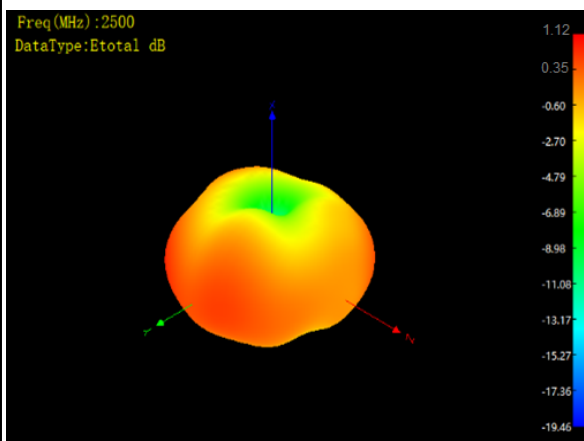
3D: 2400MHz



3D: 2450MHz



3D: 2500MHz



Antenna Photo

