

深圳市鑫盛致远通讯设备有限公司
Shenzhen Xinsheng Zhiyuan Communication Equipment Co., Ltd.

规格承认书
SPECIFICATION FOR APPROVAL

日期 Date	2020/03/17
编号 File No	20031701
版本 Revision	1.0

客户
CUSTOMER: Smart Electronic Industrial(Dong guan)CO.LTD

客户料号
CUSTOMER NO:

品名
PART NAME: 2.4G Antenna

供方料号
SUPPLIER NO: XSZYRJ5224-108

送样日期Date: 送样数量Q “TY:

客户确认CUSTOMER APPROVED BY		
APPROVAL	CHIEF	SUPERVISOR

承认书项目表

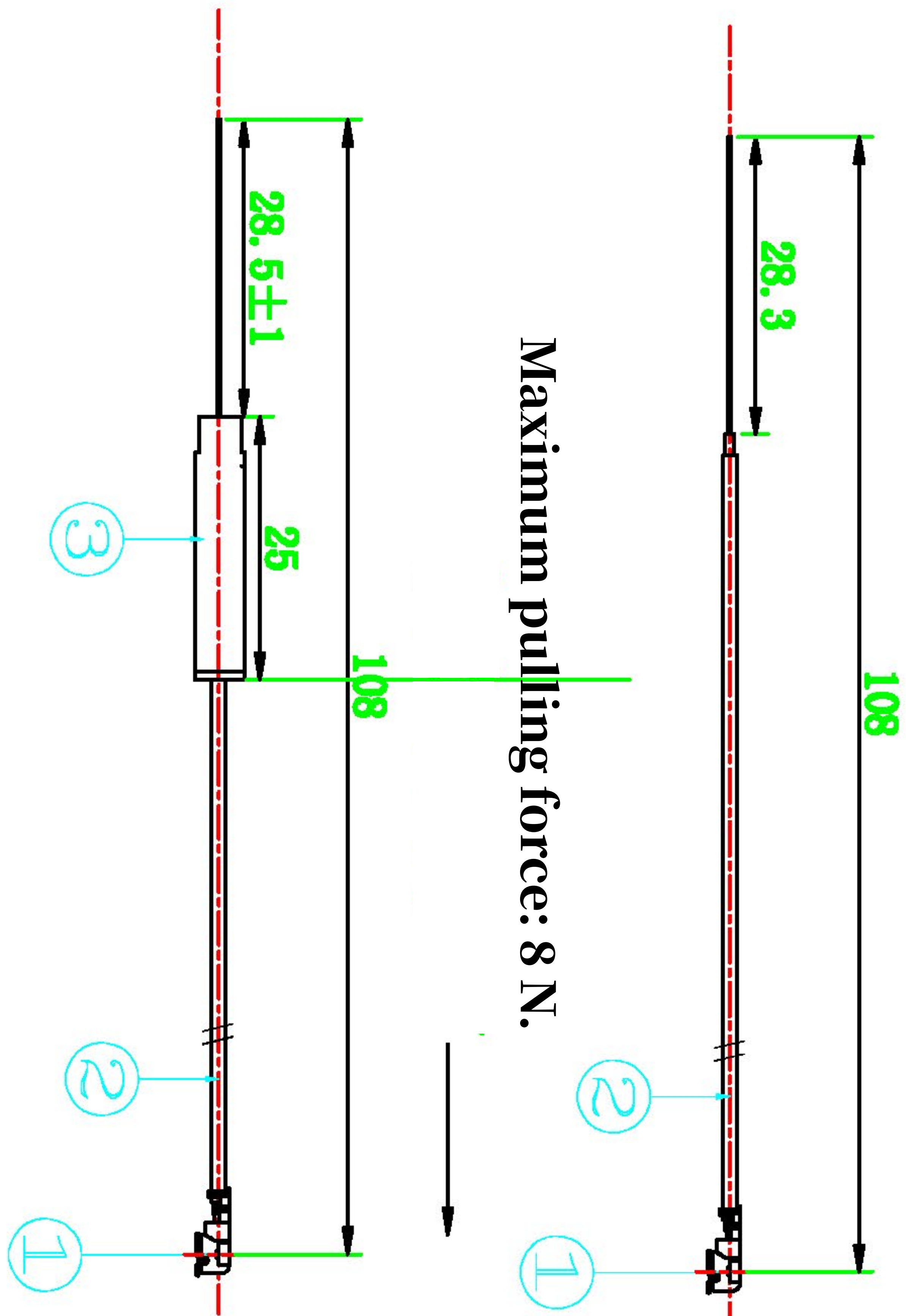
Acknowledgement Form

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产品名称	Product Type	铜管天线	Copper
型号	Model Type	XSZYRJ5224-108	
长度	Longht	108±1	
最大直径	Max Diameter	ø5.2	
最小直径	Min diameter	ø1.13±0.5	
接口	Connector	IPEX	
雷电保护	Lightning protection	DC Grounding	
频率范围	Frequency Range	2.4-2.5GHz	
输入阻抗	Impedance	50Ω	
驻波比	VSWR	1.5MAX	
Temperature		-40℃	+90℃

③	Antenna Element	Brass $\varnothing 5.5 \times 24.5$
②	Coaxial Cable	RF1.13 Black Coaxial Cable 108mm ± 0.05
①	Interface	RF1.13 Generation 1 Terminal

TITLE	品名	MATERIAL	材質
MODEL NAME	型名	HANDNESS	handedness
CUSTOMER NO	顧客番号	WIRE-FT	配線
DRAWING NO	図面番号	BIOMED TREATMENT	表向処理
FLOW	流程		



TECHNICAL DATA CHANGES ARE PERMITTED		Shenzhen Kinsheng Zhiyuan Communication Equipment Co., Ltd.	
安装尺寸公差指示			
0~5	±0.05	孔位公差 HOLE POSITION	±0.05
5~10	±0.08	角度公差 ANGLE TOLERANCE	±0.5°
10~80	±0.10	THE PRODUCT MUST SATISFY THE REQUIREMENT OF THE STANDARD MUST BE MET WITH【RoHS指令】	
50~	±0.15		

add: B Tower, Nanxian Commercial Plaza, Meilong Road, Longhua New District, Shenzhen City; 3rd Floor, Building A, Nipo Residential Area, Hutian Road, Pingdi Area, Longgang District, Shenzhen City

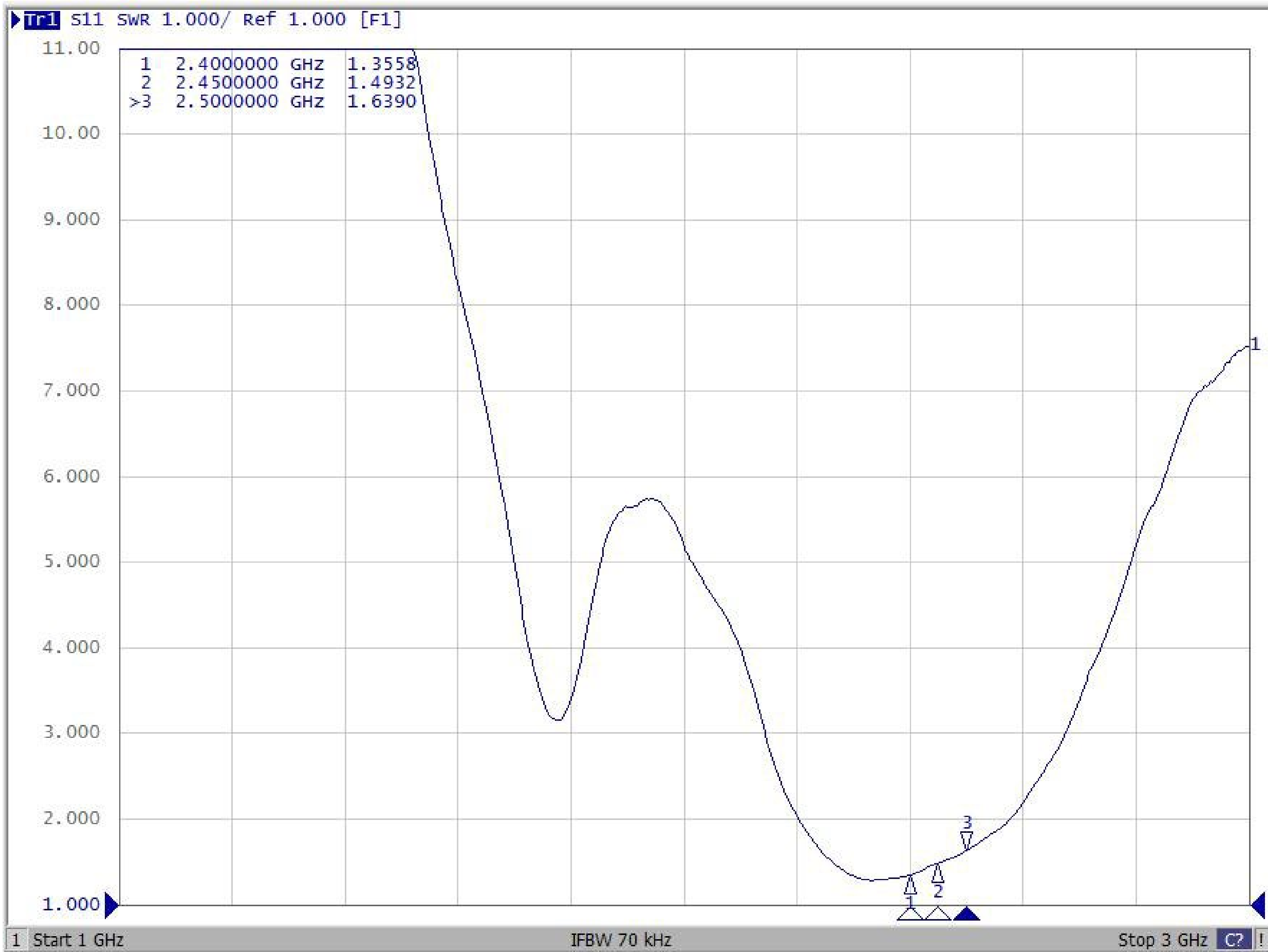
天线规格

Antenna Specification

Electrical Properties	
Frequency	2.4-2.5GHz
Impedance	50 Ohm Nominal
V.S.W.R	1.5 Max
Gain	0.79dBi
Radiation	Omni-directional
Polarization	Linear
Physical Properties	
Connector	RF Generation 1 Terminal
Cable Type	O.D.1.37mm
Cable Length	65mm
Cable Color	Black
Operating Temp.	-40 ~ +85 °C
Storage Temp / Humidity	25±5°C / <70%

3.Test Results Surmmary

3-1 VSWR

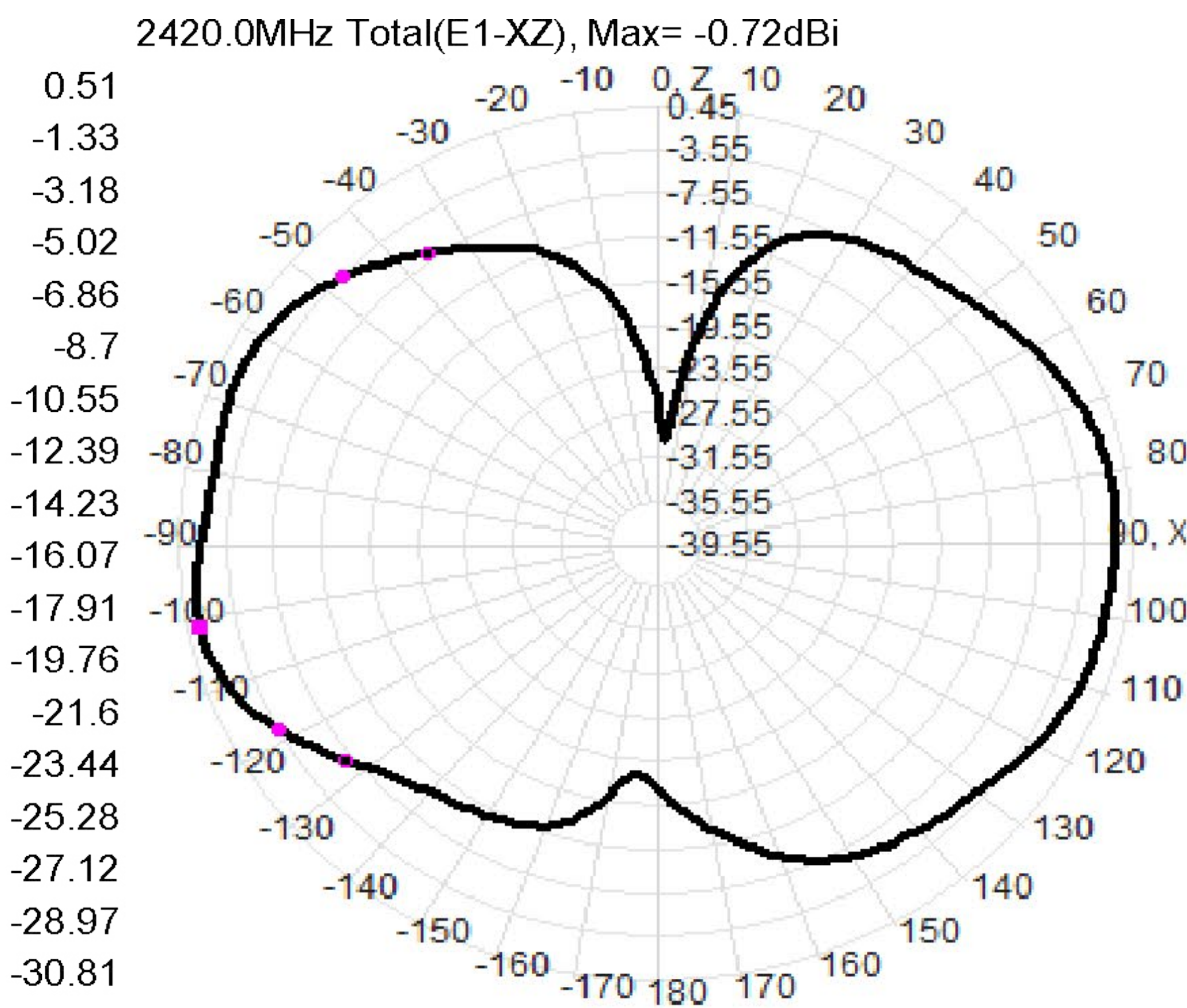
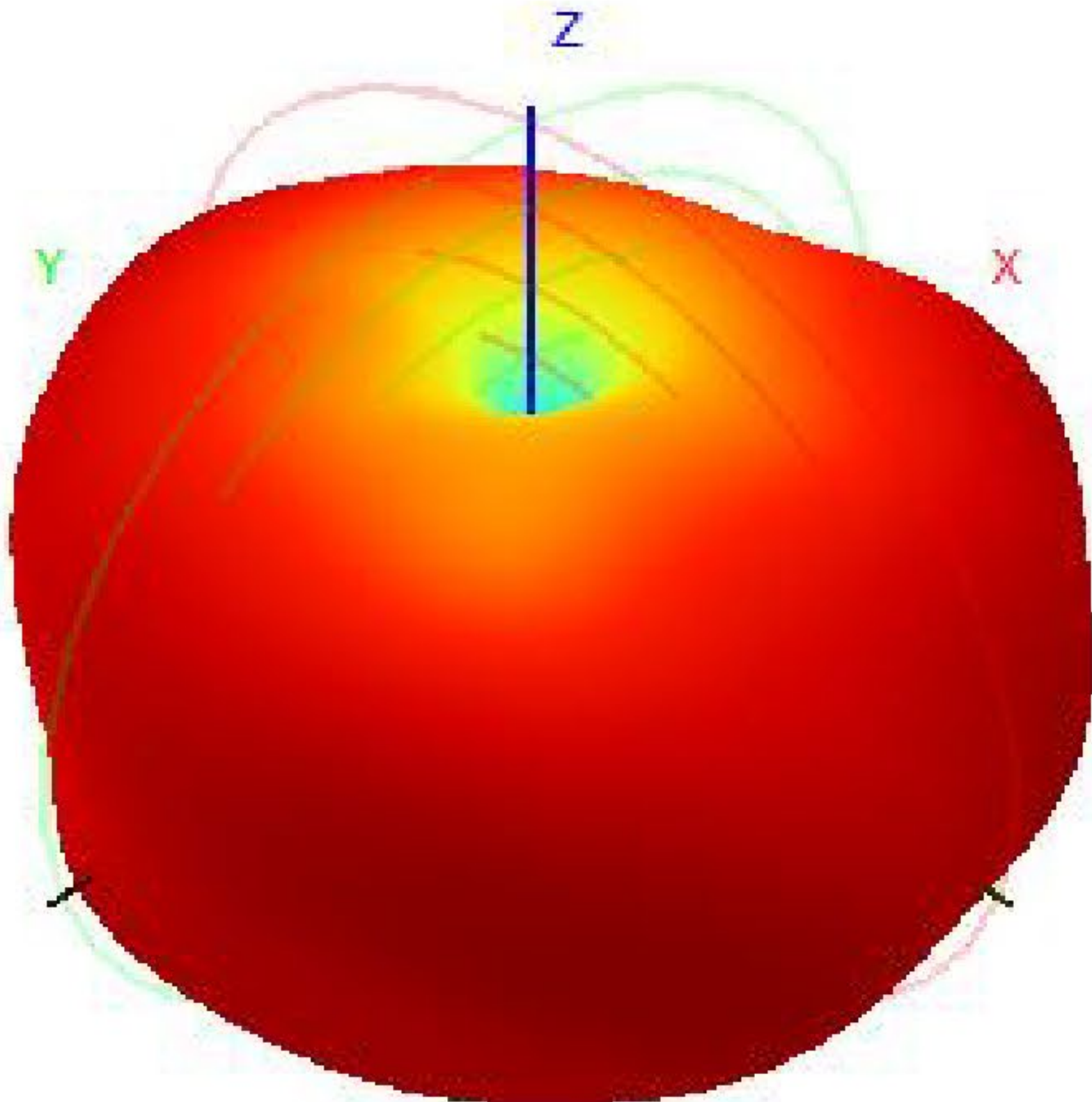
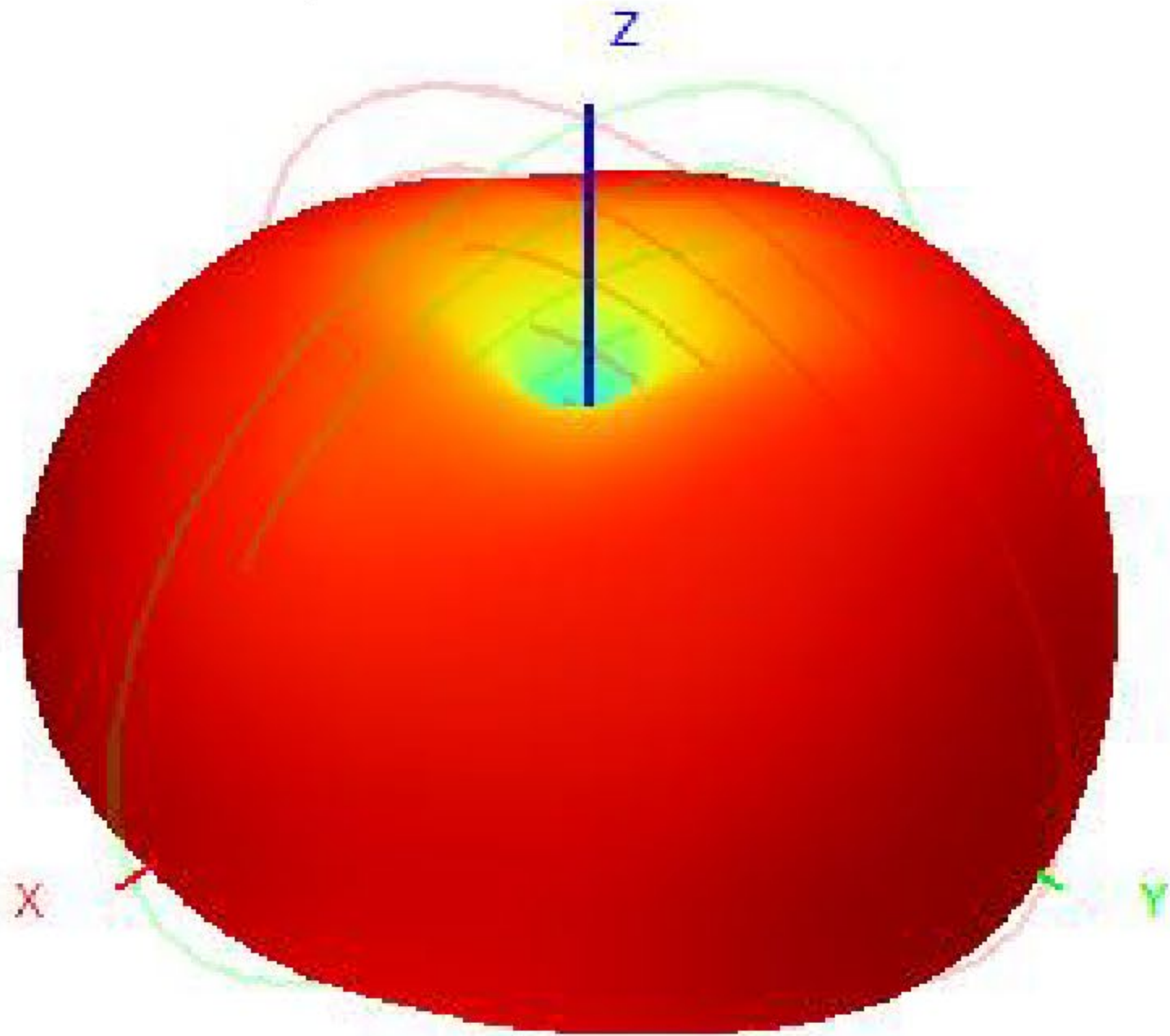


3-2 Passive Test

Frequency (MHz)	Efficiency	Efficiency . dB	Gain . dB
2400	53%	-2.72	0.78
2410	52%	-2.83	0.57
2420	51%	-2.89	0.51
2430	50%	-2.95	0.55
2440	49%	-3.06	0.46
2450	51%	-2.91	0.52
2460	50%	-3.01	0.26
2470	48%	-3.18	0.14
2480	45%	-3.47	0.16
2490	46%	-3.29	0.51
2500	50%	-2.97	0.79

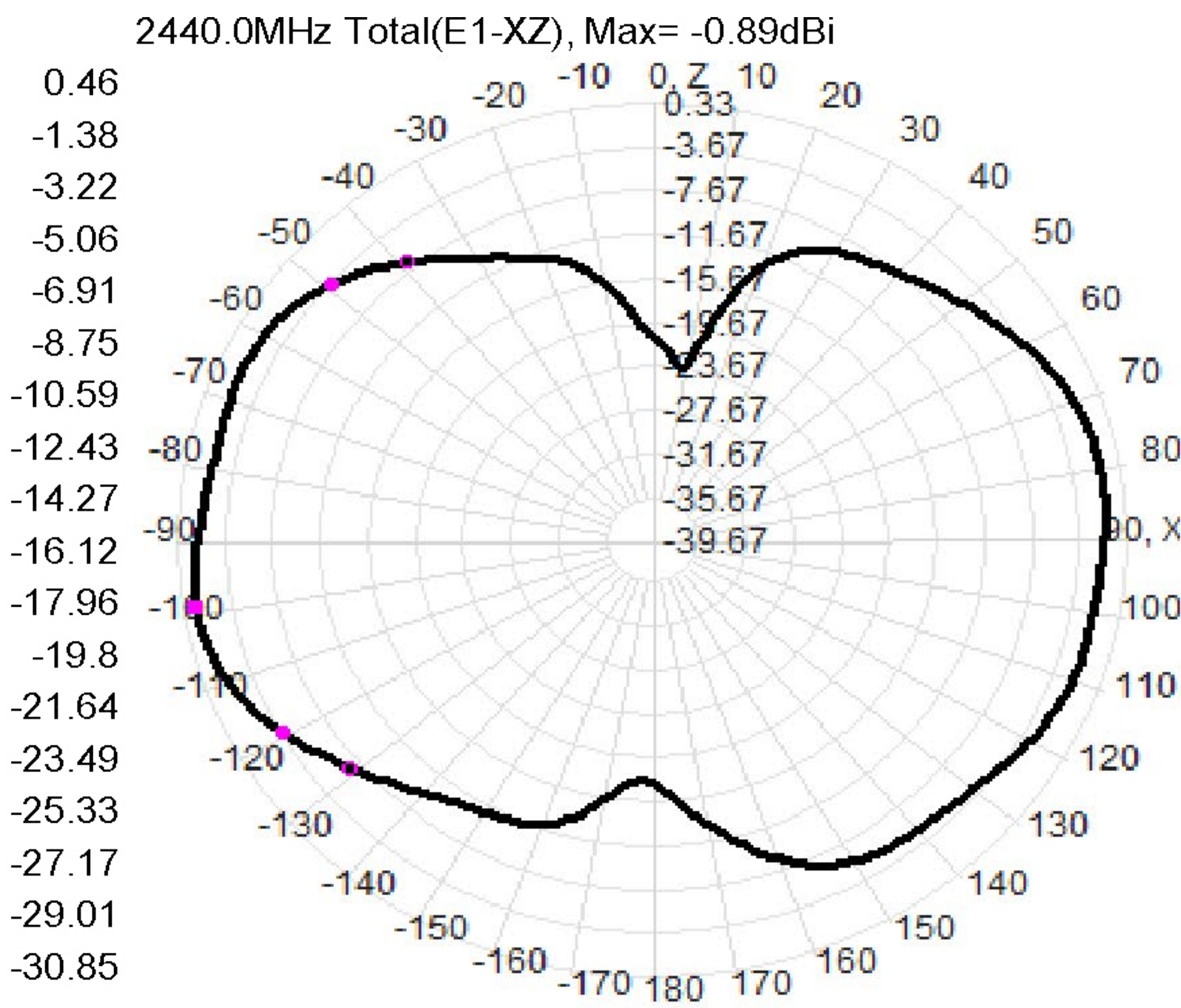
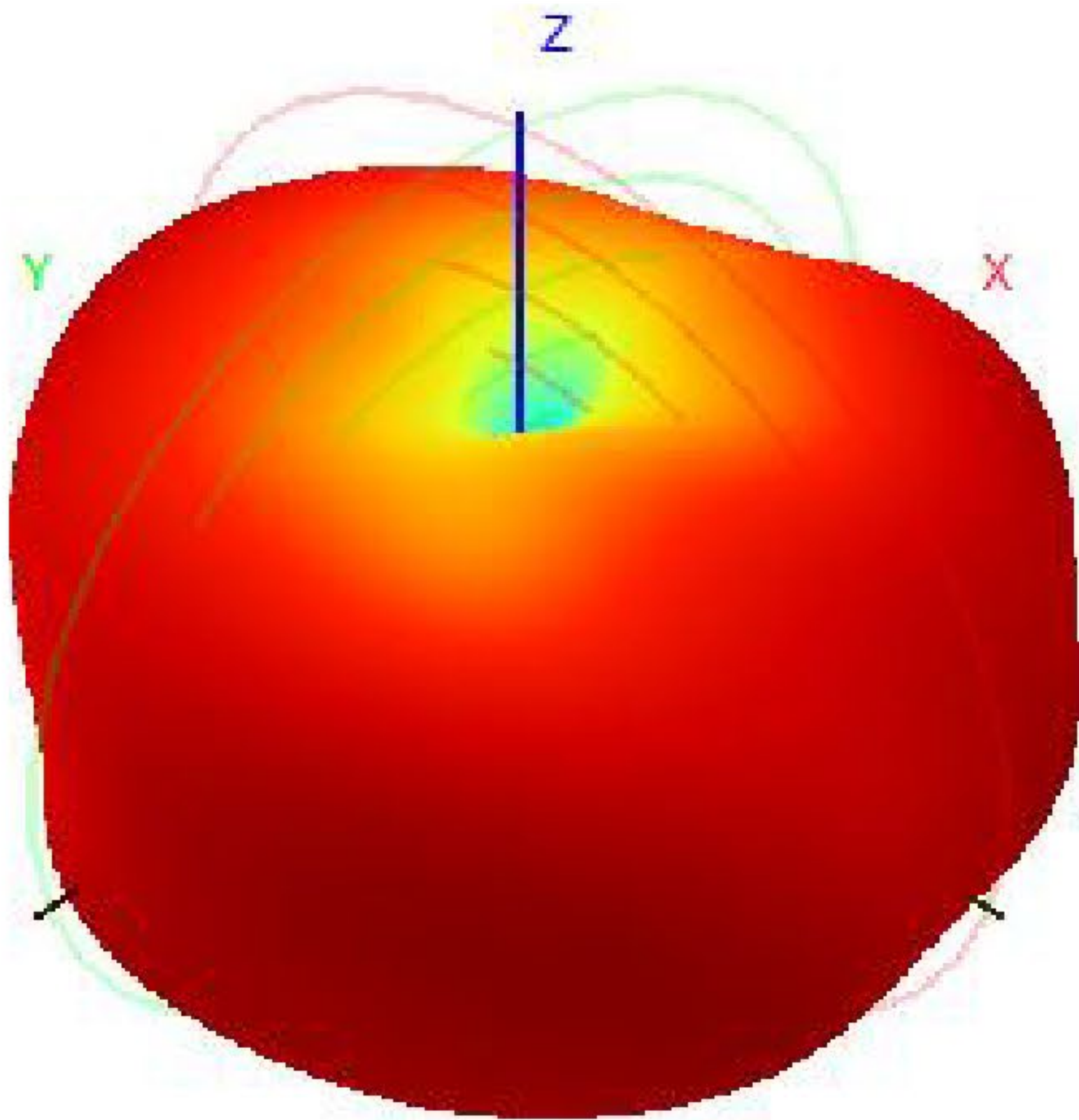
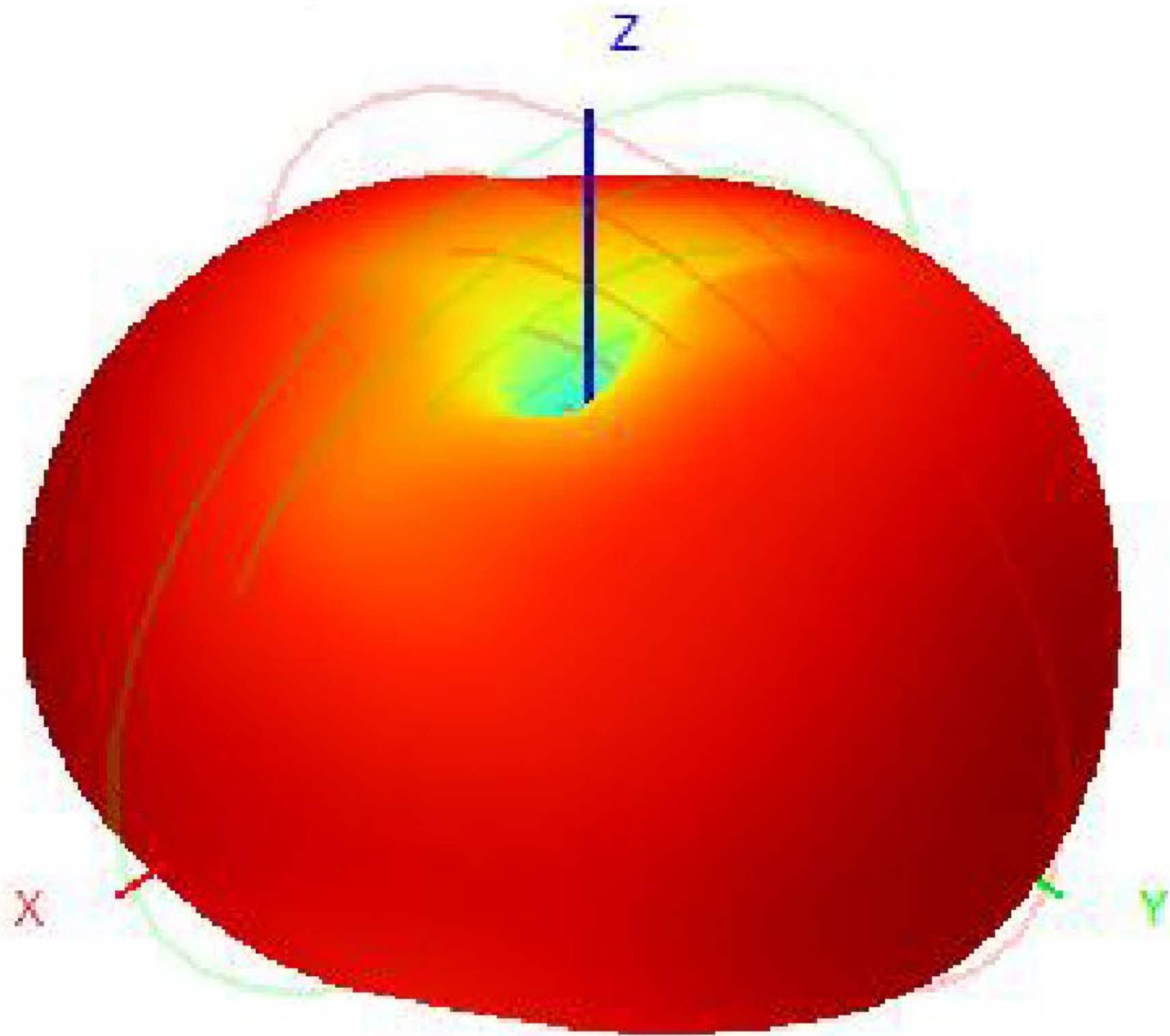
2420.0MHz H+V, Eff: 51.4%

Back View



2440.0MHz H+V, Eff: 49.4%

Back View



2460.0MHz H+V, Eff: 50.0%

Back View

