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Product Specification Overview

●Electrical Performance:

1. Frequency Range: 2.4Ghz&5.8Ghz
2. Impedance: 50 Ohms nominal
3. VSWR: ≤ 1.92
4. Gain: 3~4dBi
5. Admitted power radiation: 1W
6. Radiation of Radiation: Toroidal
7. Radiation: Omni
8. Polarization: Vertical
9. Connector Type: TIN

●Mechanical properties:

1. Cable: MI1. 13mm Light Gray ,50 Ohm
2. Operation temperature range: $-20^{\circ}\text{C} \sim +70^{\circ}\text{C}$
3. Storage temperature range: $-30^{\circ}\text{C} \sim +80^{\circ}\text{C}$

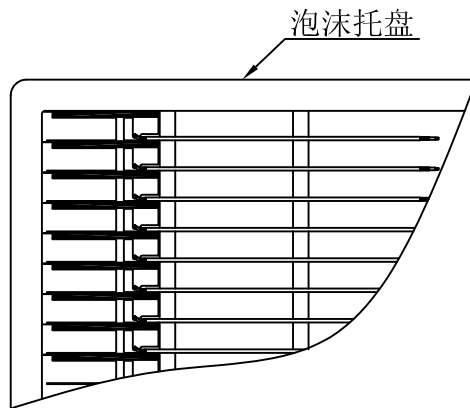
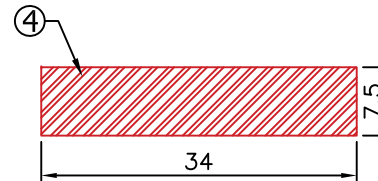
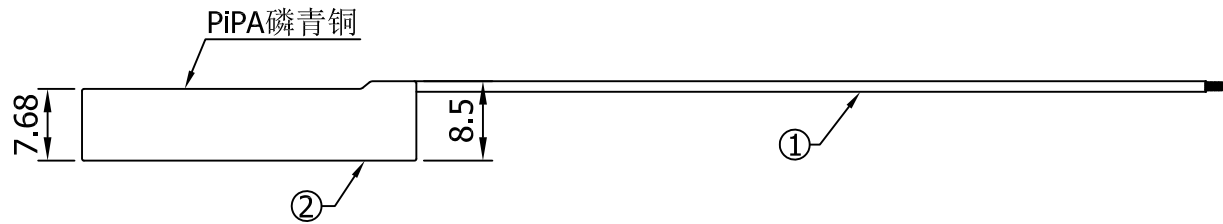
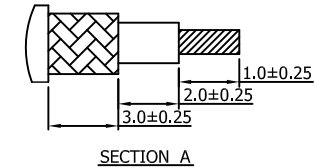
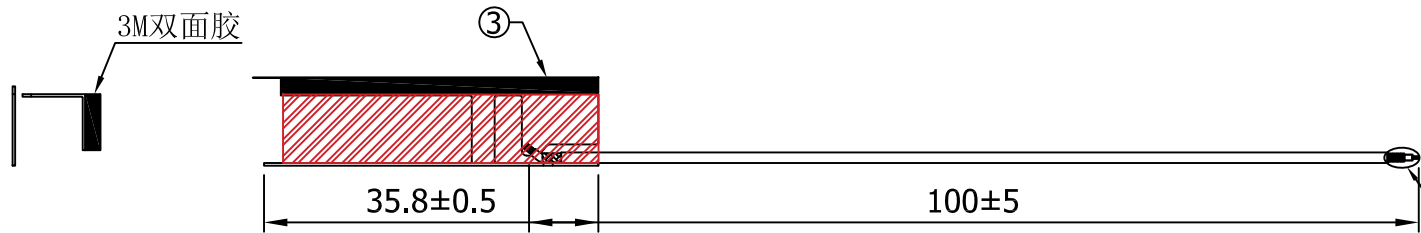
●The product structure pictures



成品图

ROHS

REV.	修订内容	修订时间
A	新版发行	2022.4.27



Packing: 40pcs/Row, 240pcs/Disc

Specification:
 Frequency Rang: 2.4GHz&5.8GHz
 Impedance: 50Ω
 Gain: 3~4dBi

NO.	DESCRIPTION	Q'TY	REMARK
4	海绵 黑色海绵,L34*W7.5*T6.5mm	1	
3	双面胶 3M,L34*W6*T1.6mm	1	
2	PiFA Phosphor bronze,Ni-Plated,T=0.28mm	1	
1	Cable 1.13 Cable,Double silver light gray,50Ω	1	

TITLE:	PiFA ANTENNA	深圳市麒新弘泽科技有限公司 ShenZhen Keesun Technology Co.,Ltd			
P/N:	PJ-NZLJX-002				
CUSTOMER:	KS030				
DRAW NO.:	KS030-10012-A		APPROVED		
DIMENSIONS TOLERANCES UNLESS OTHERWISE NOTED			CHECKED		
一般公差 TOLERANCE	.XXX ±0.05	XX. ±1.0	SHEET: 1/1	SCALE: 1:1	DRAWN 郭淑英
	.XX ±0.1		UNIT: mm	REV.A	
	.X ±0.2				
	X. ±0.5				

Network analyzer test chart

料号: KS030-100%-A

品名规格: 2.4GHz~5.8GHz

测试数值: Return Loss/VSWR



Network analyzer test chart

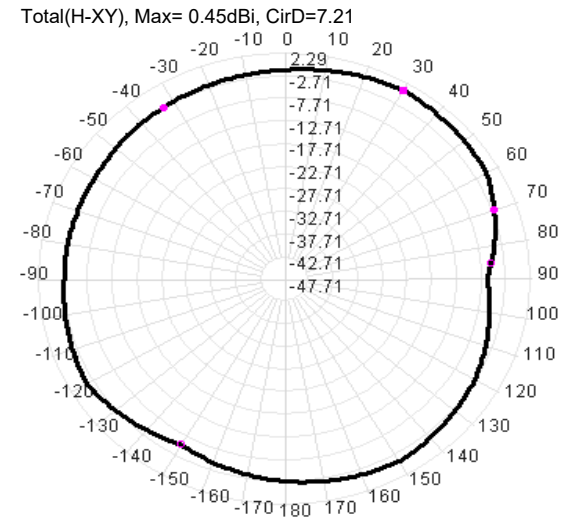
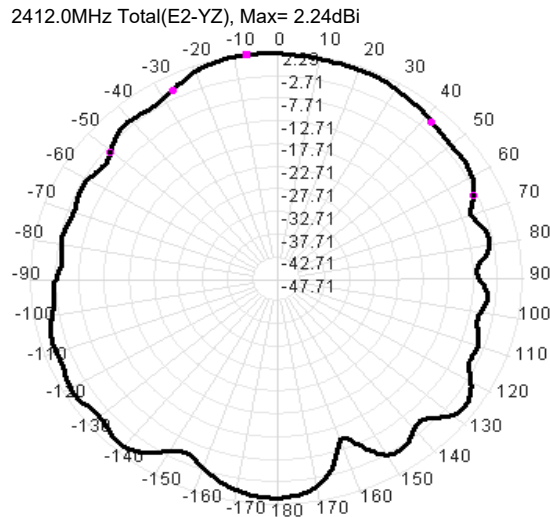
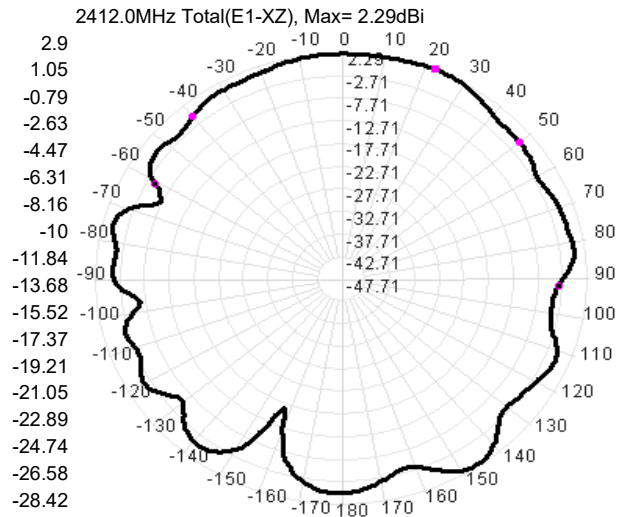
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品名规格:2.4~2.5GHz /5.15~5.85G

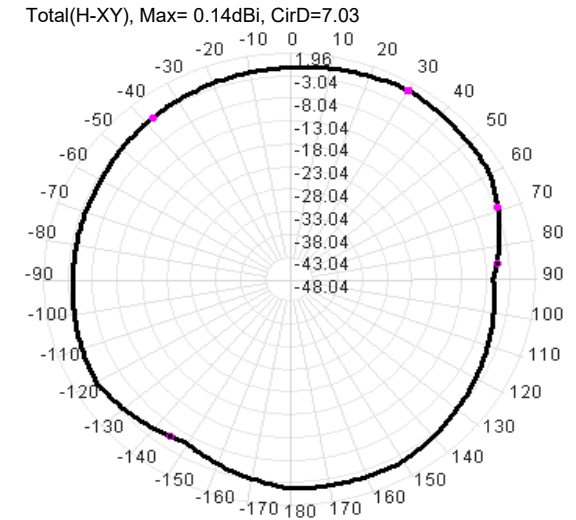
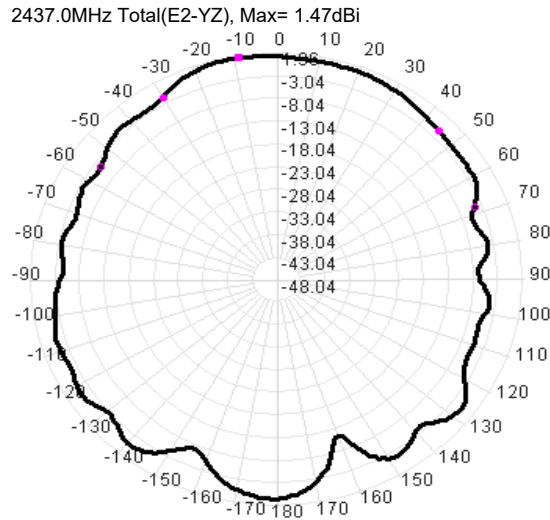
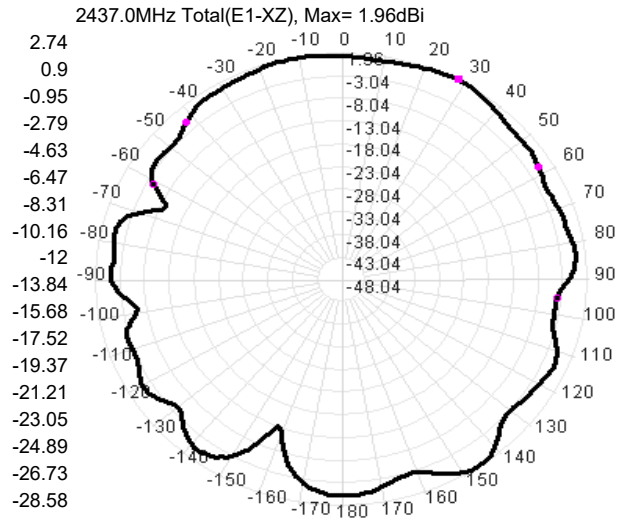
测试数值:Return Loss/VSWR



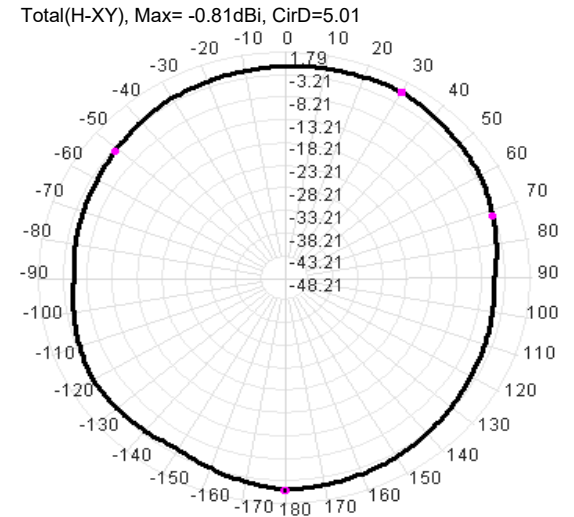
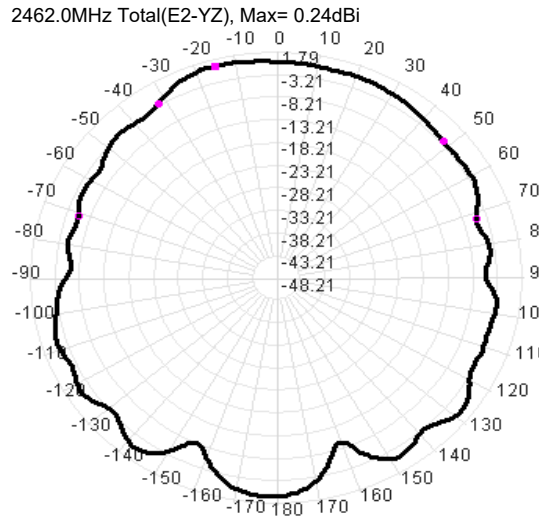
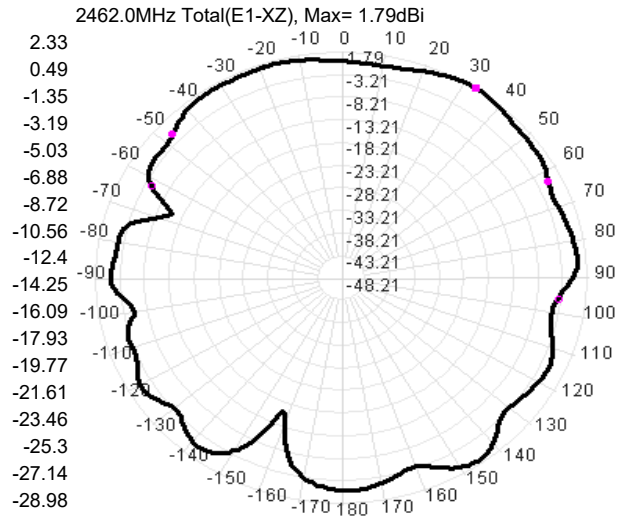
Radiation patterns—2D(2.4G#1)



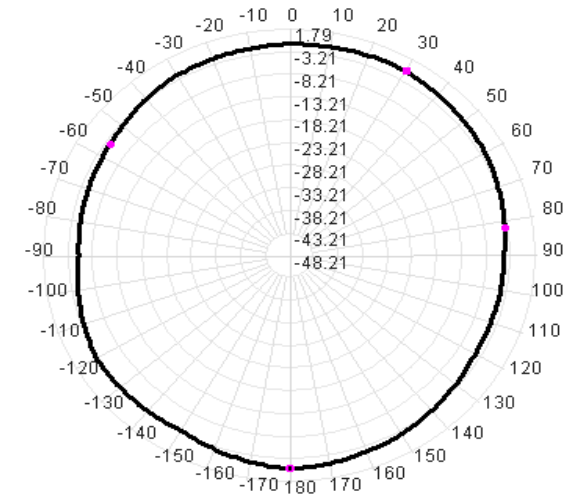
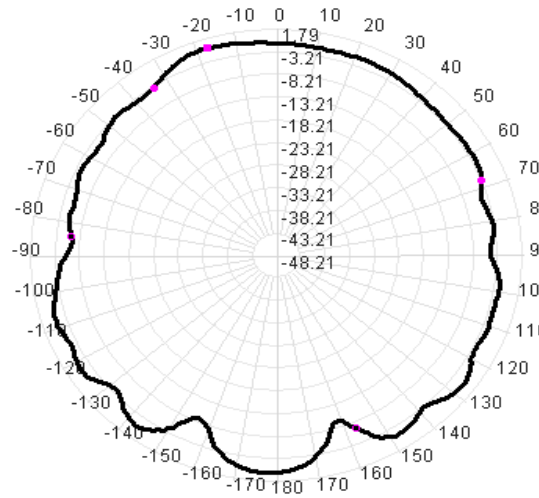
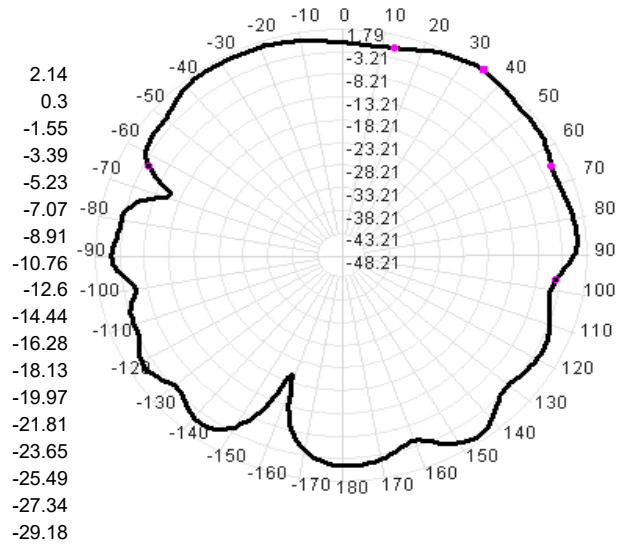
Radiation patterns—2D(2.4G#2)



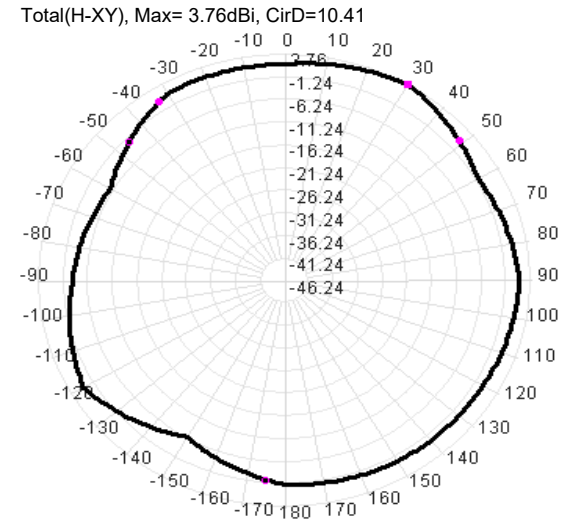
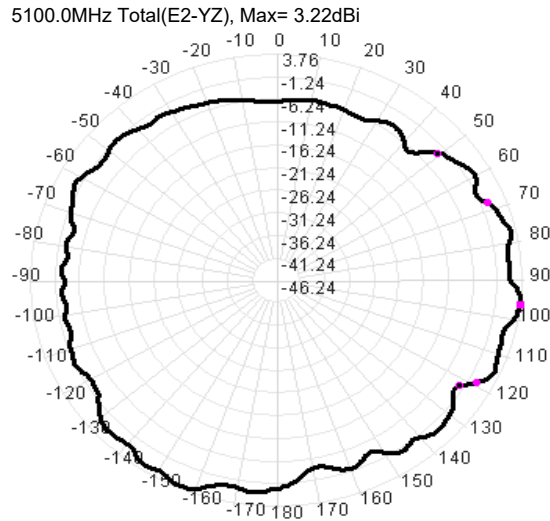
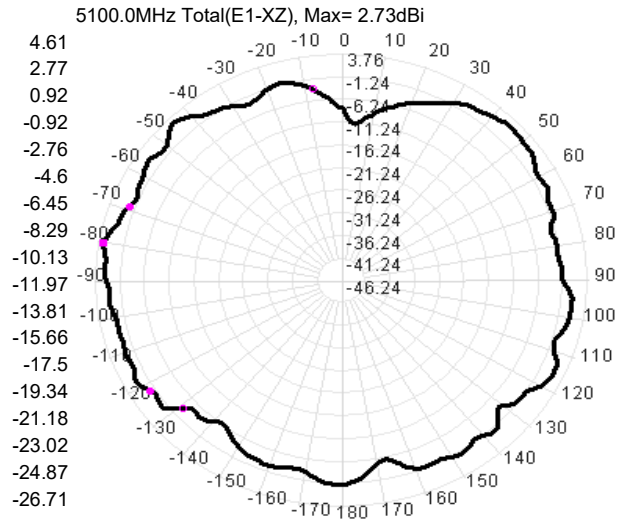
Radiation patterns—2D(2.4G#3)



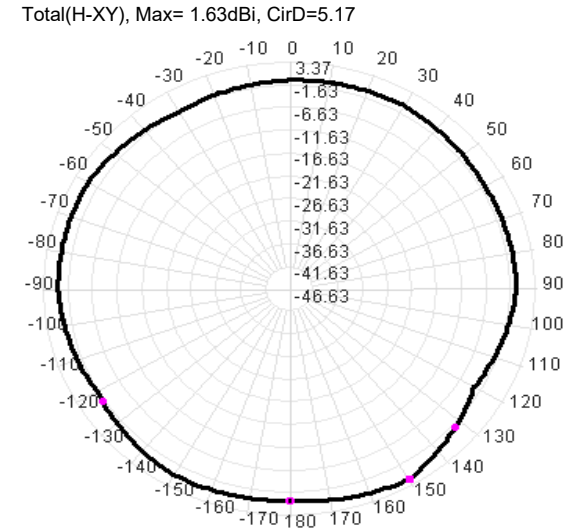
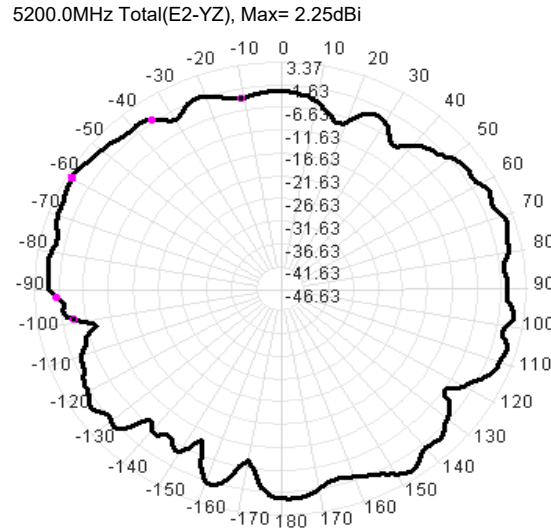
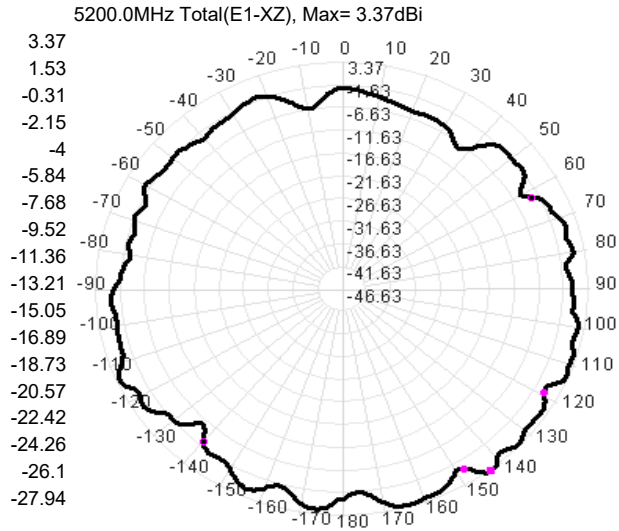
Radiation patterns—2D(2.4G#4)



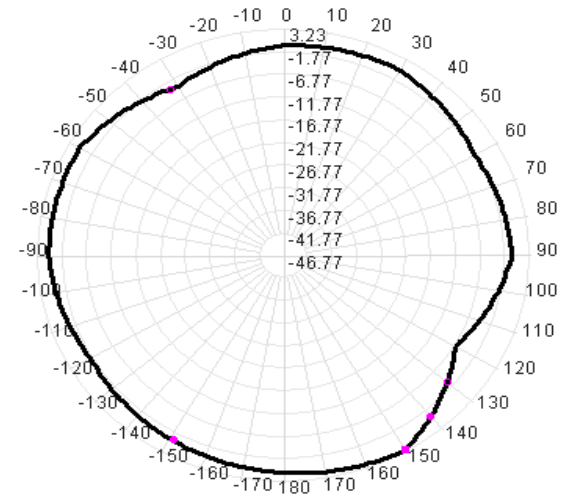
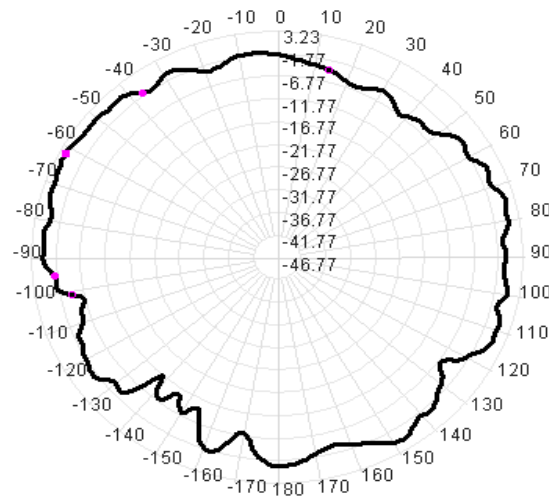
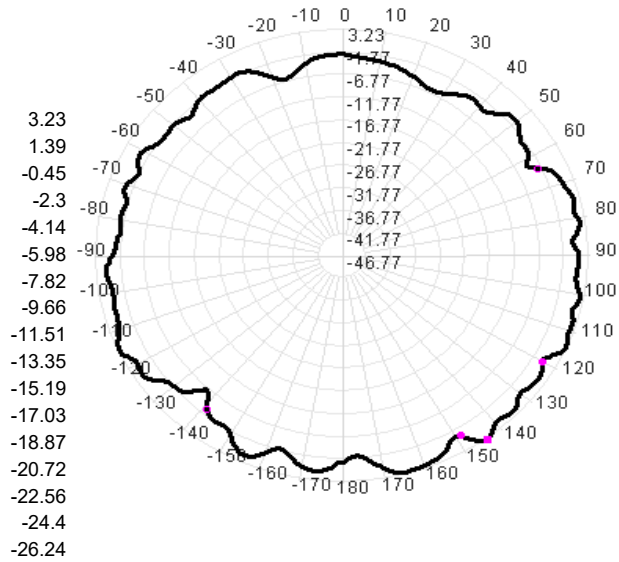
Radiation patterns—2D(5.8G#1)



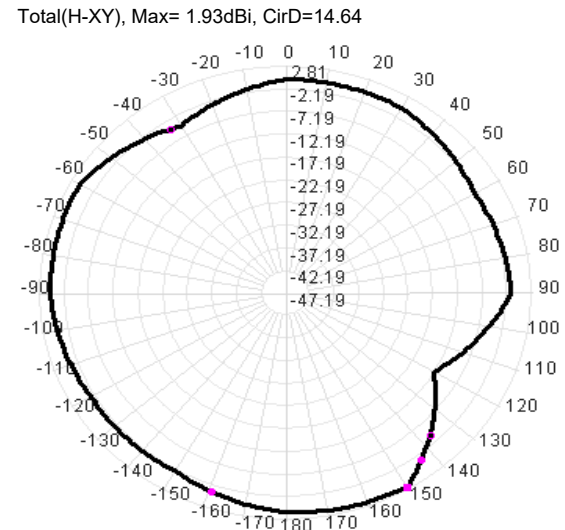
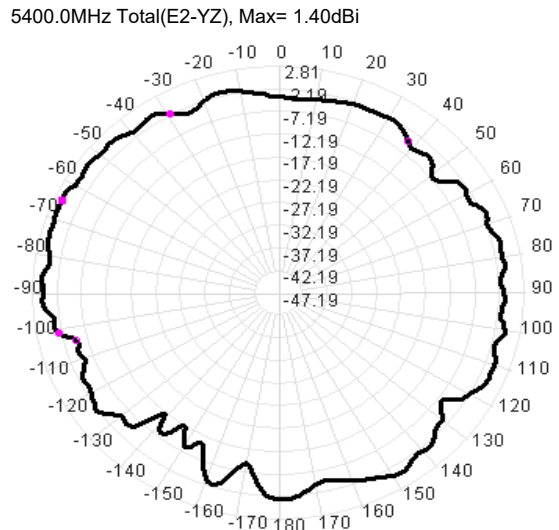
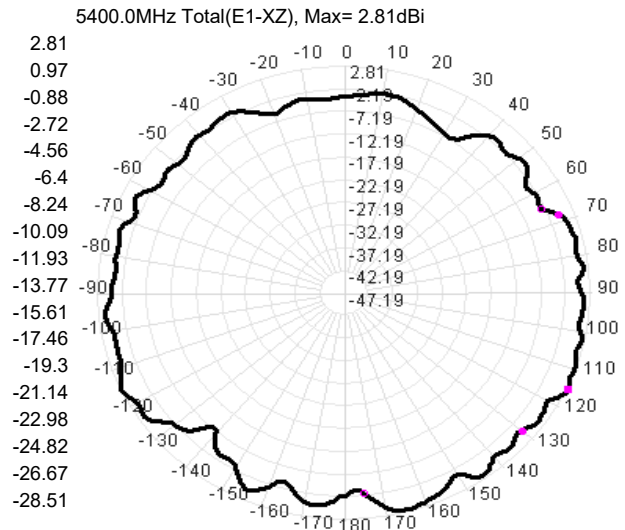
Radiation patterns—2D(5.8G#2)



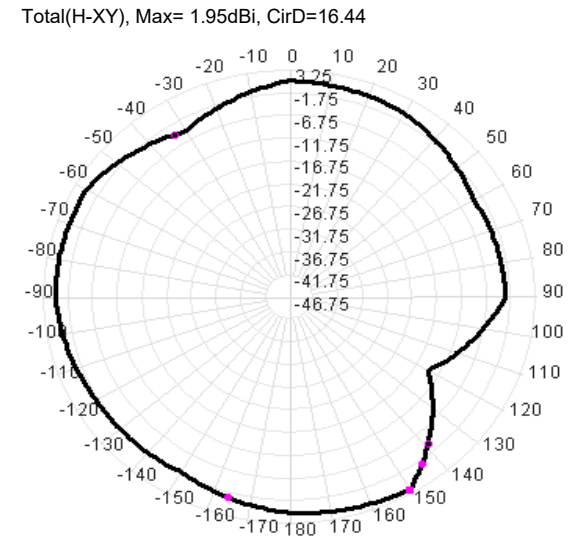
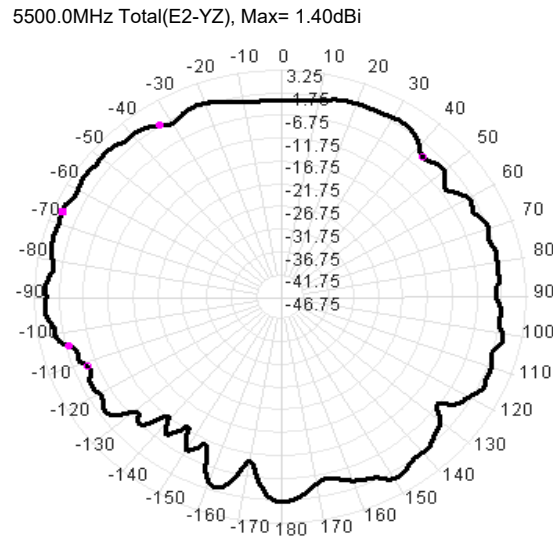
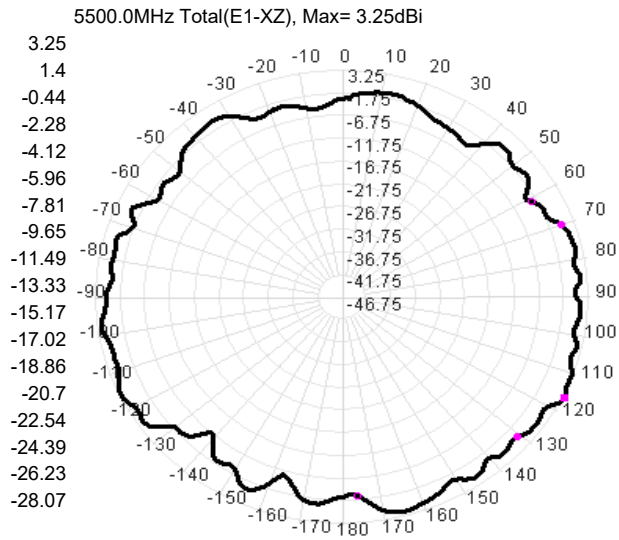
Radiation patterns—2D(5.8G#3)



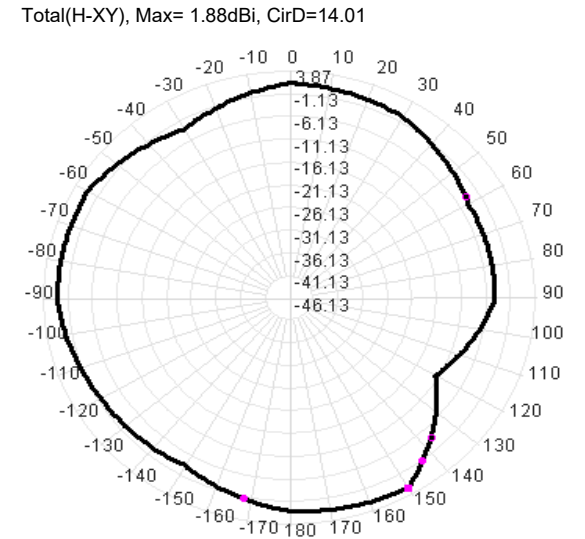
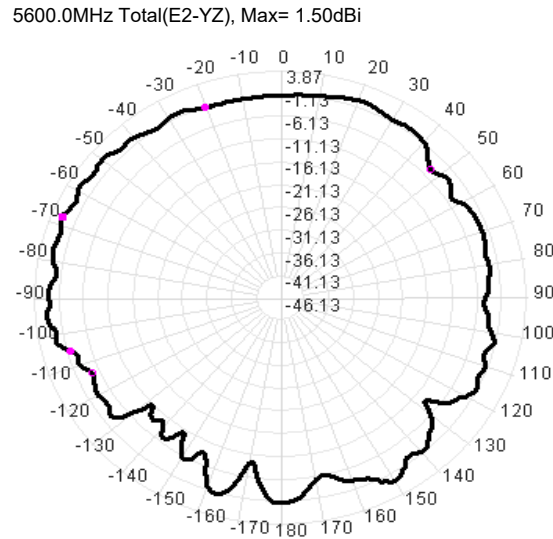
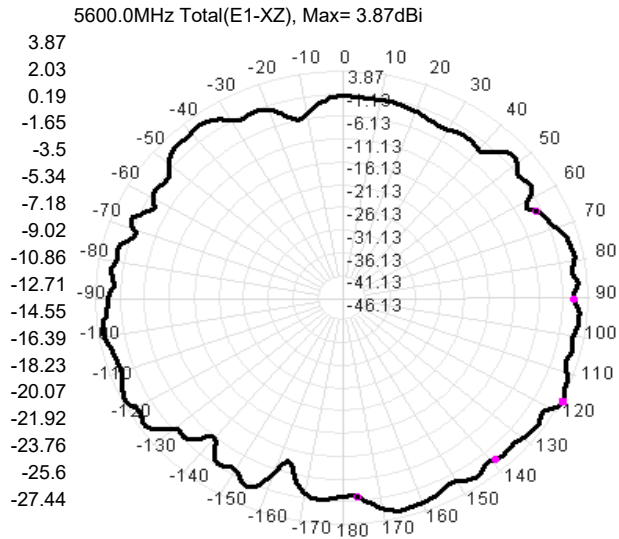
Radiation patterns—2D(5.8G#4)



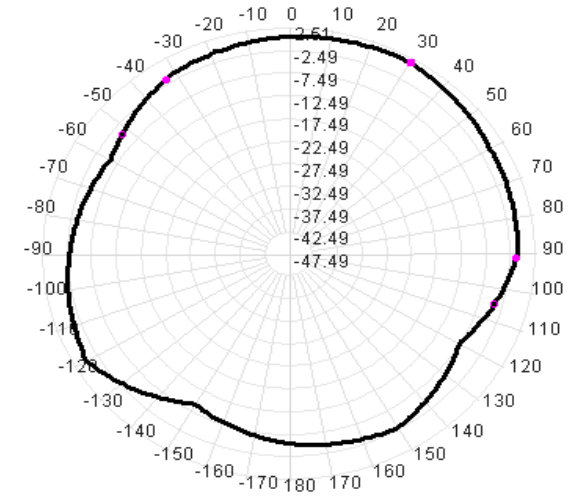
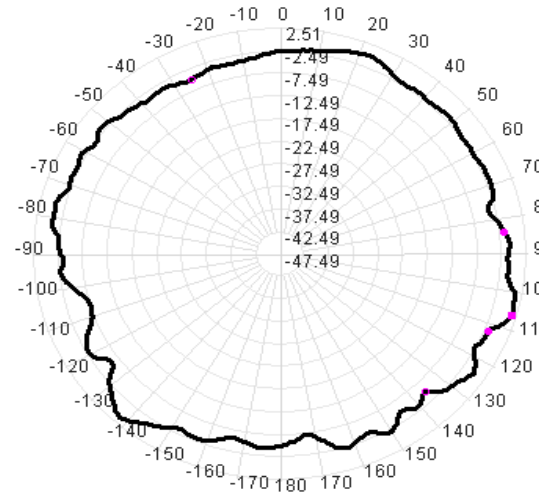
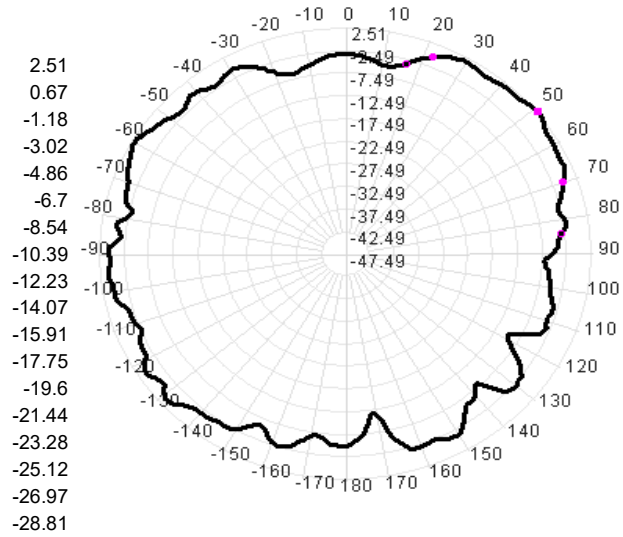
Radiation patterns—2D(5.8G#5)



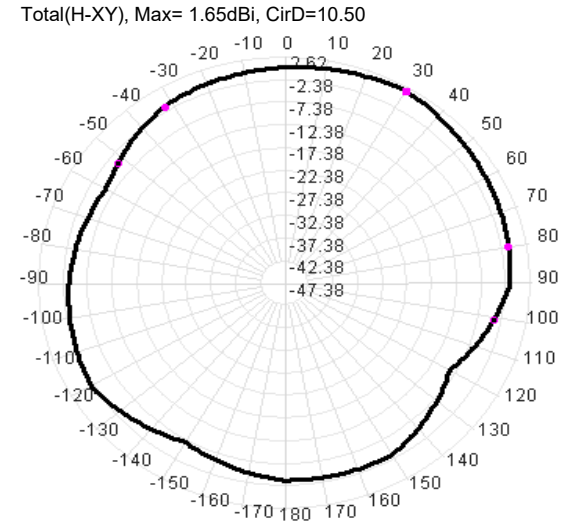
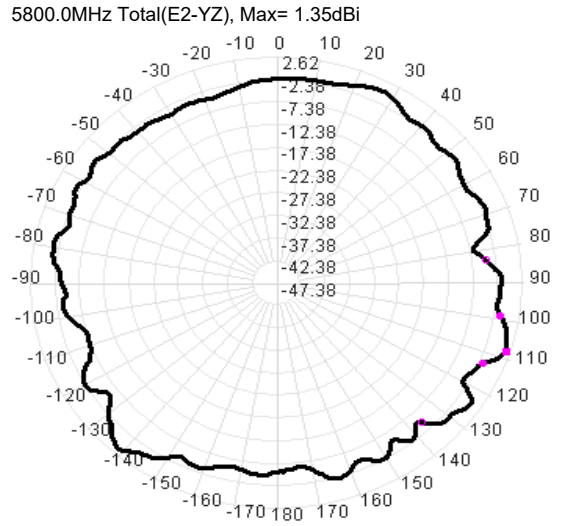
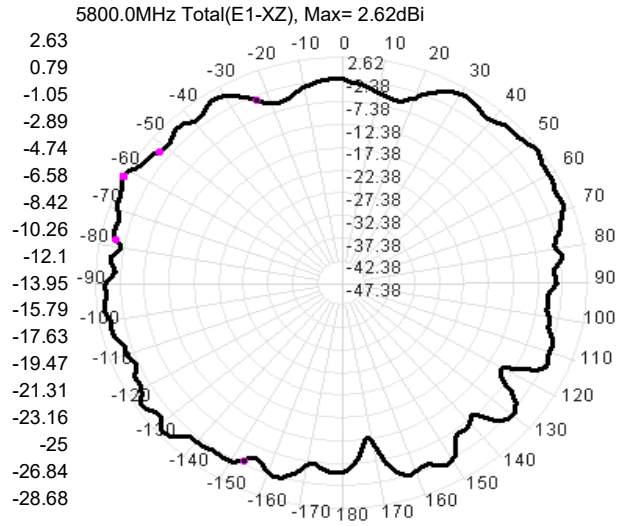
Radiation patterns—2D(5.8G#6)



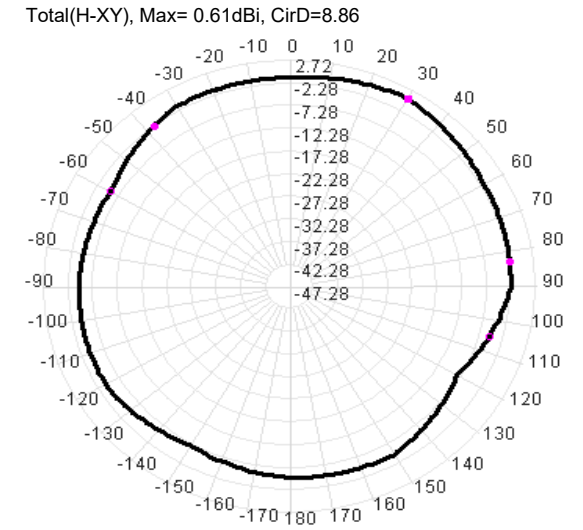
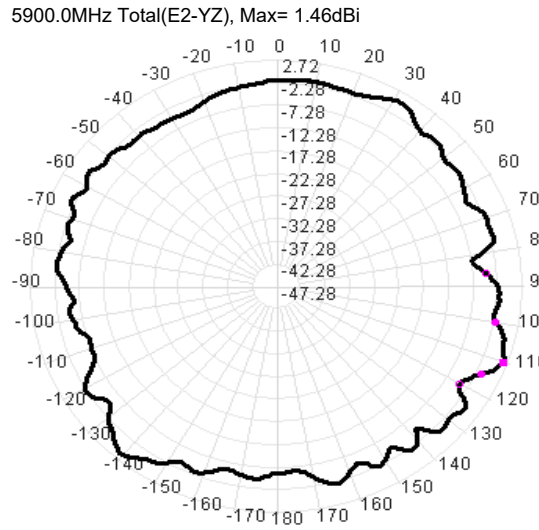
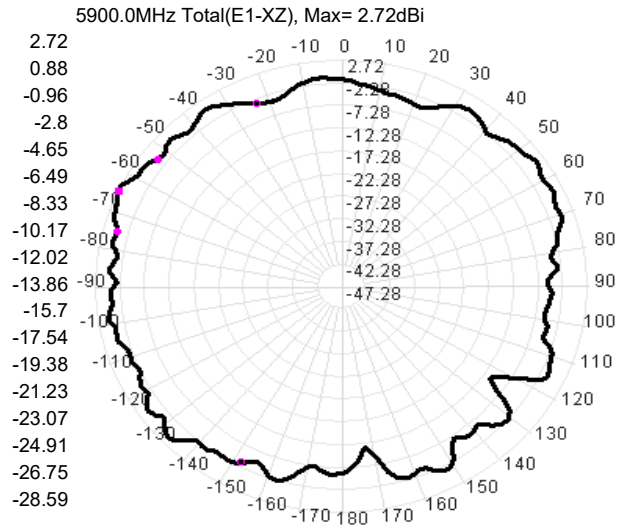
Radiation patterns—2D(5.8G#7)



Radiation patterns—2D(5.8G#8)



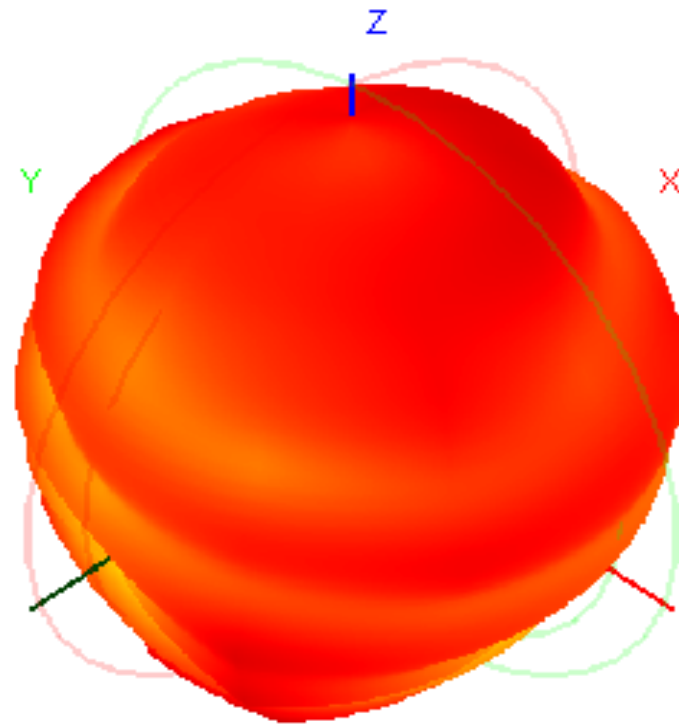
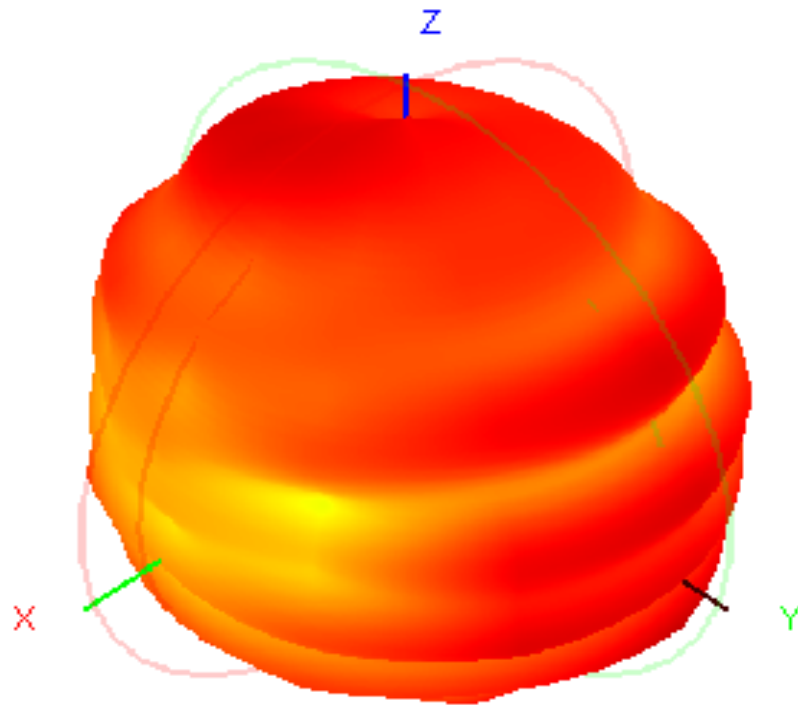
Radiation patterns—2D(5.8G#9)



Radiation patterns—3D(2.4G#1)

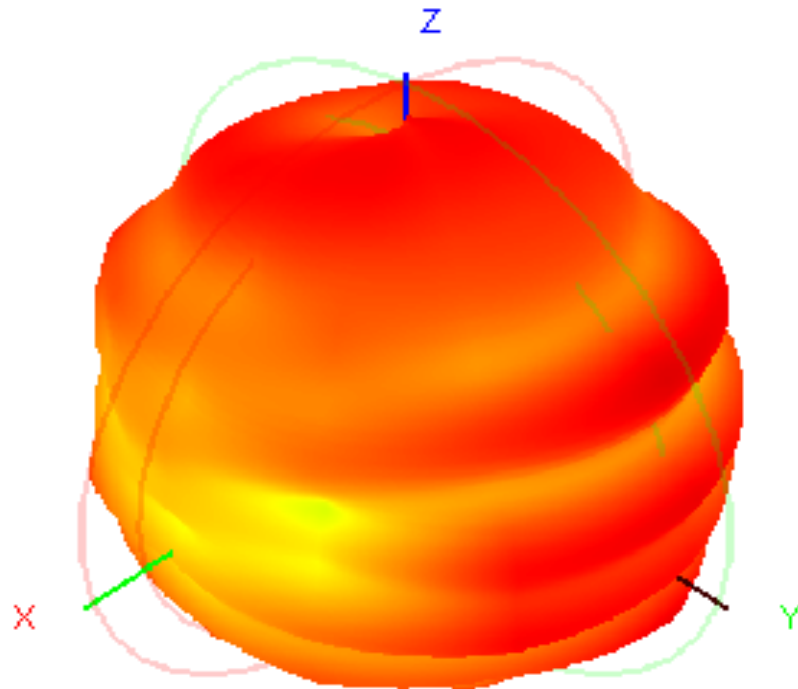
2412.0MHz H+V, Eff: 78.6%

Back View

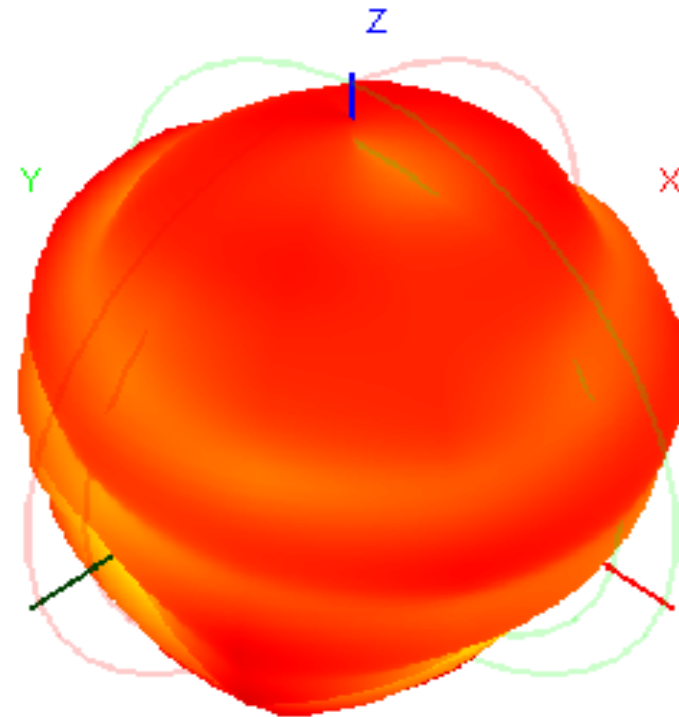


Radiation patterns—3D(2.4G#2)

2437.0MHz H+V, Eff: 79.4%

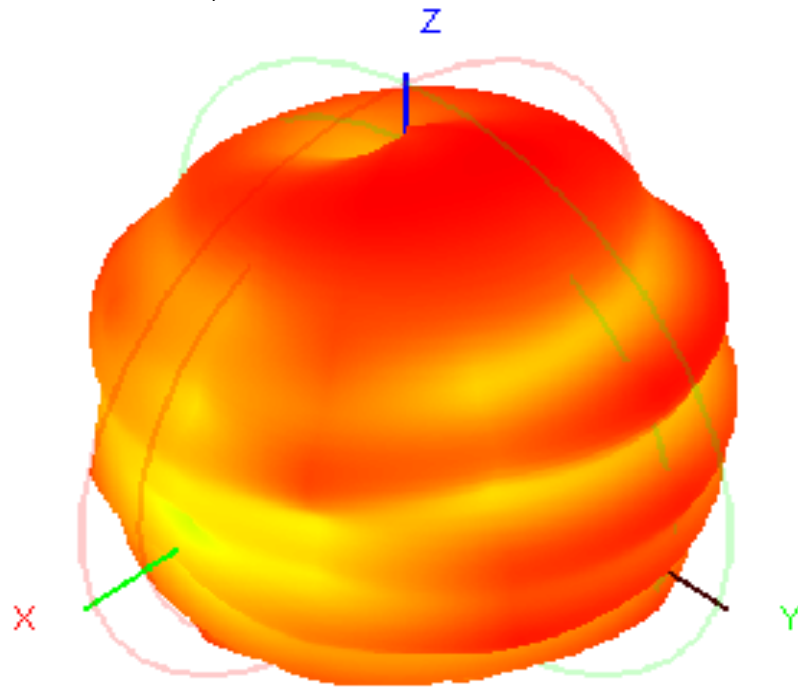


Back View

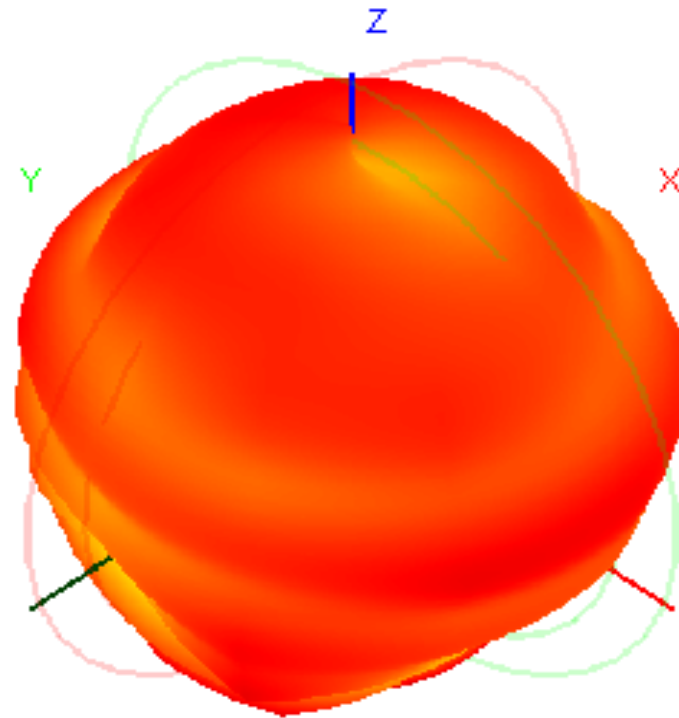


Radiation patterns—3D(2.4G#3)

2462.0MHz H+V, Eff: 78.6%

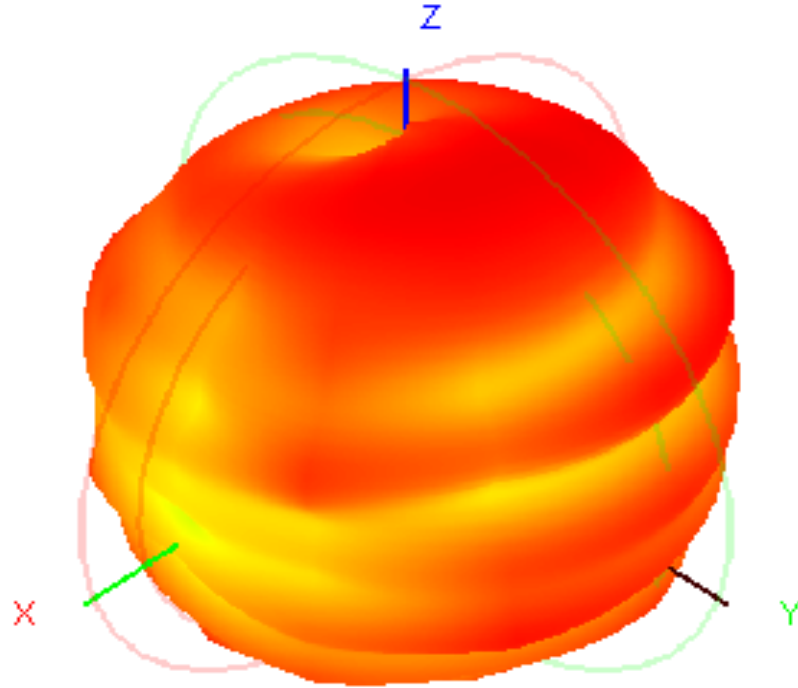


Back View

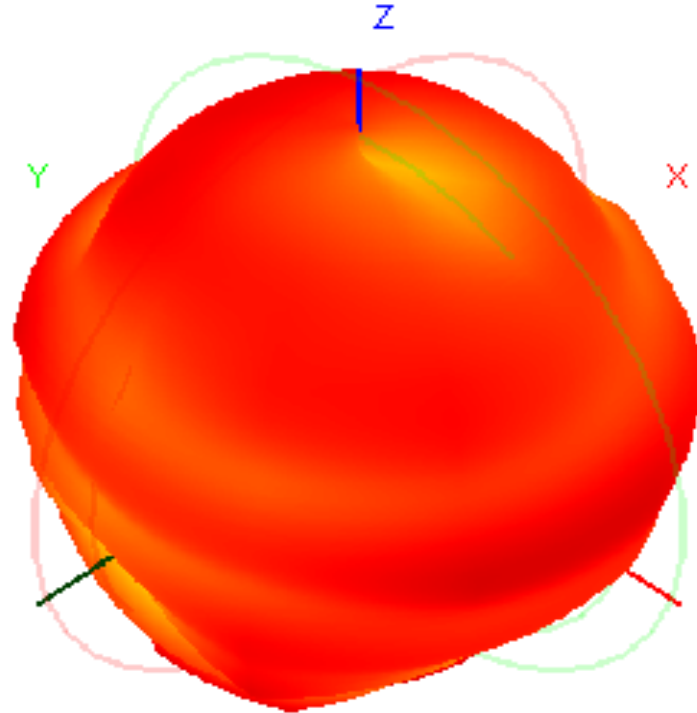


Radiation patterns—3D(2.4G#4)

2472.0MHz H+V, Eff: 77.4%

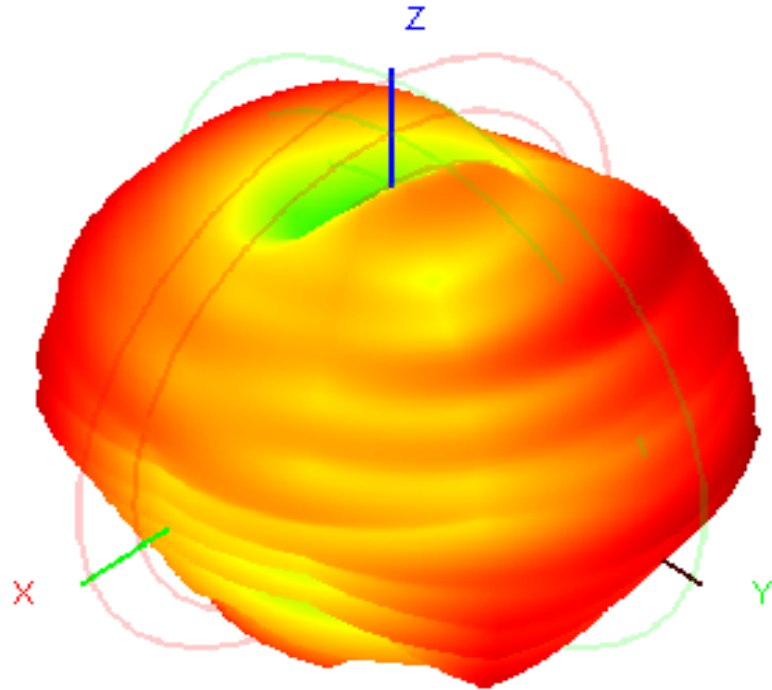


Back View

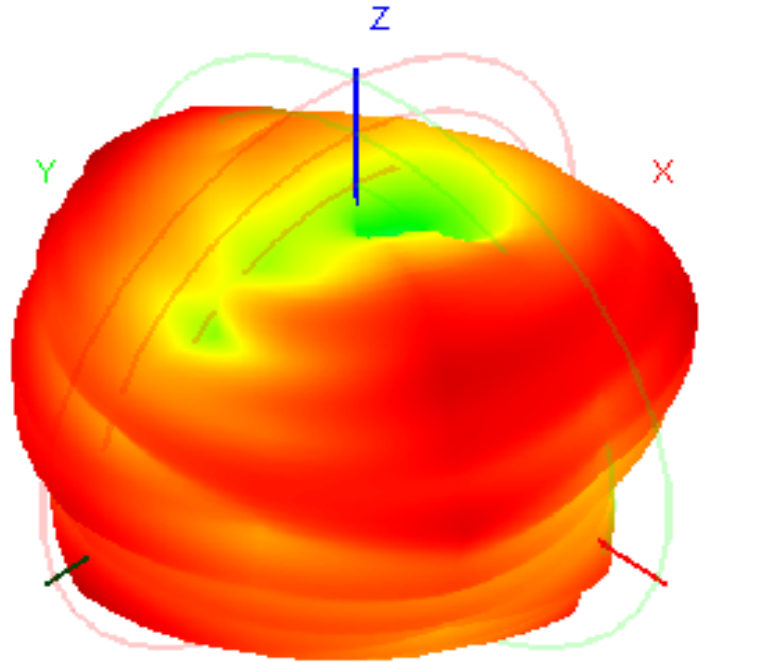


Radiation patterns—3D(5.8G#1)

5100.0MHz H+V, Eff: 91.2%



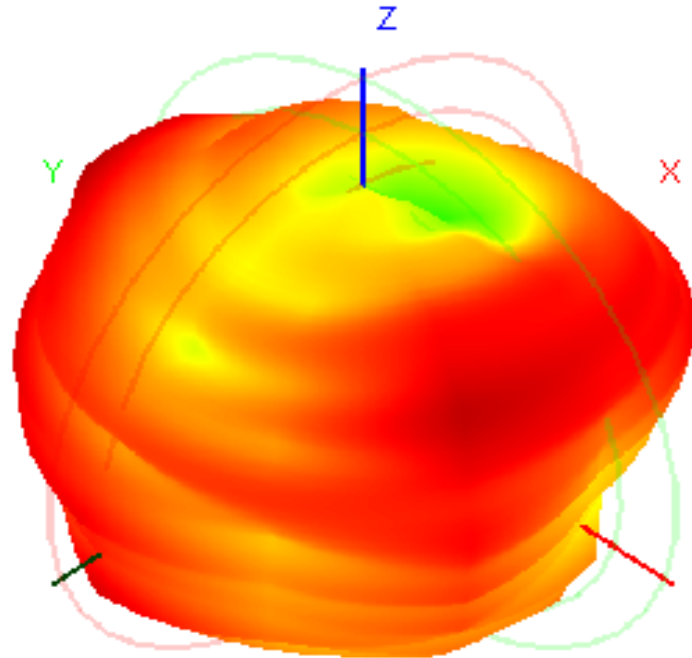
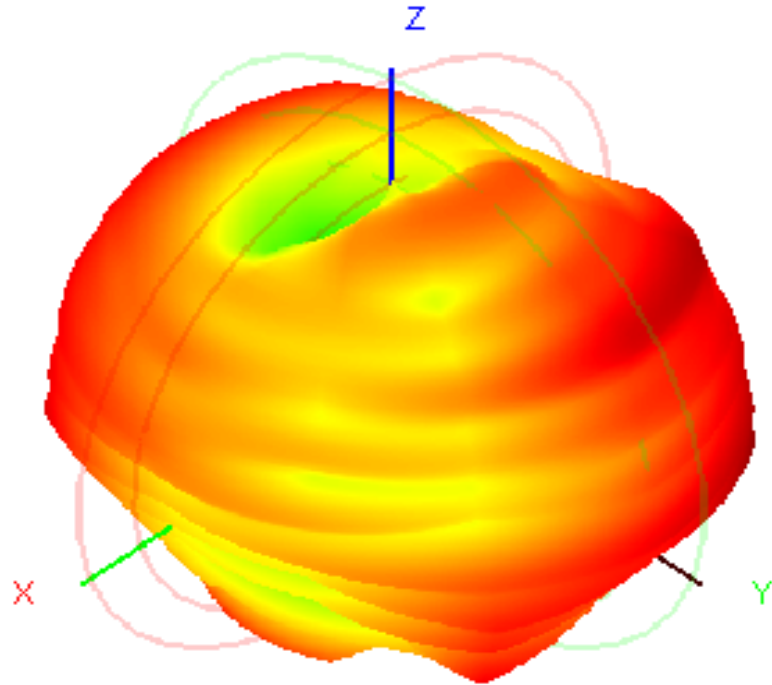
Back View



Radiation patterns—3D(5.8G#2)

5200.0MHz H+V, Eff: 77.1%

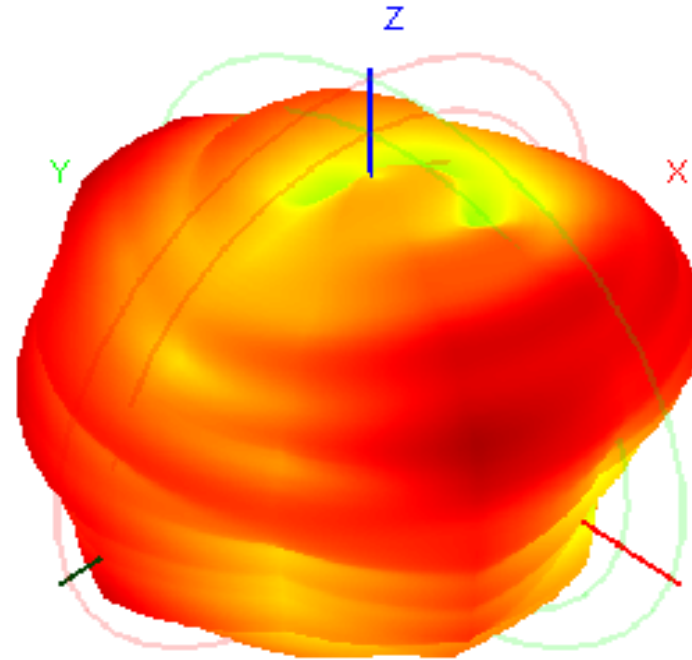
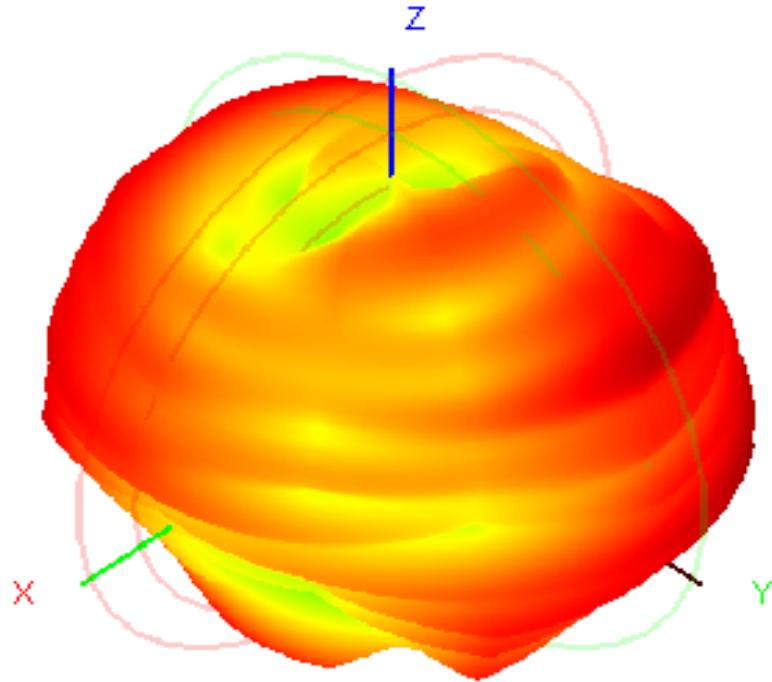
Back View



Radiation patterns—3D(5.8G#3)

5300.0MHz H+V, Eff: 74.6%

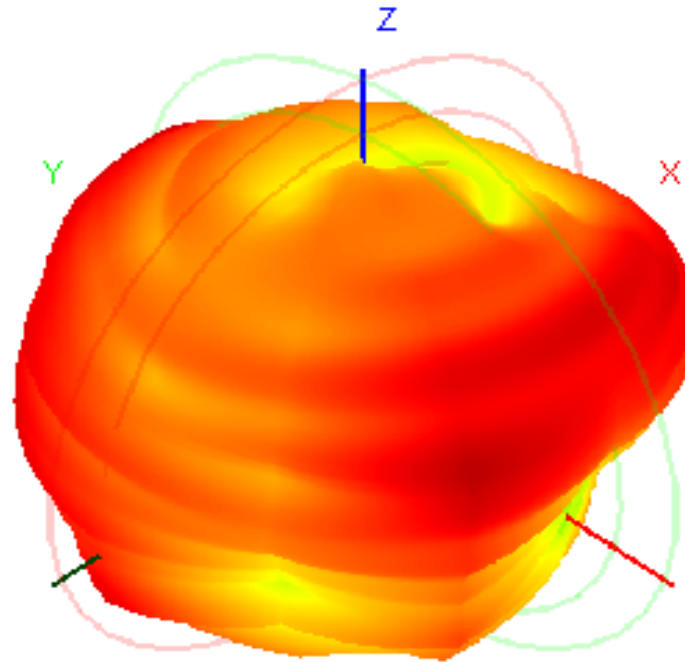
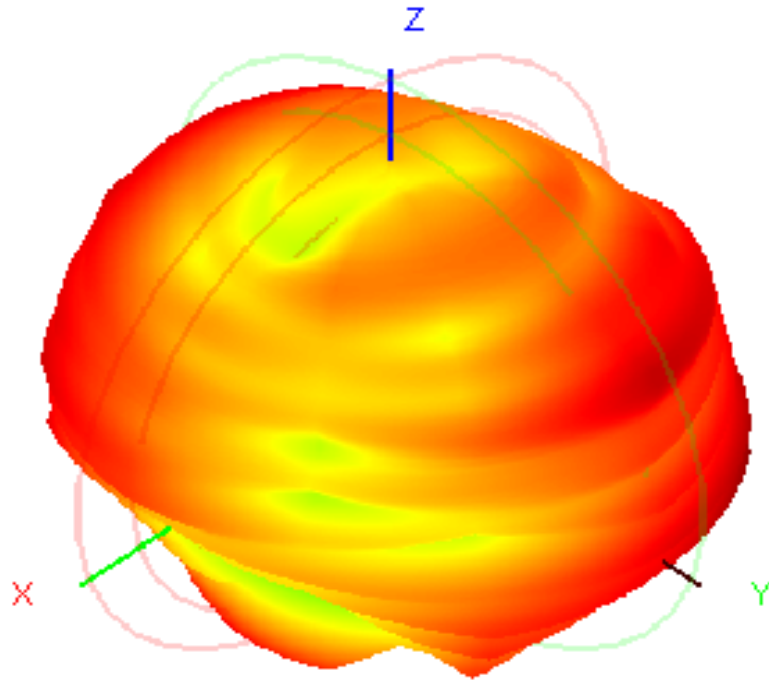
Back View



Radiation patterns—3D(5.8G#4)

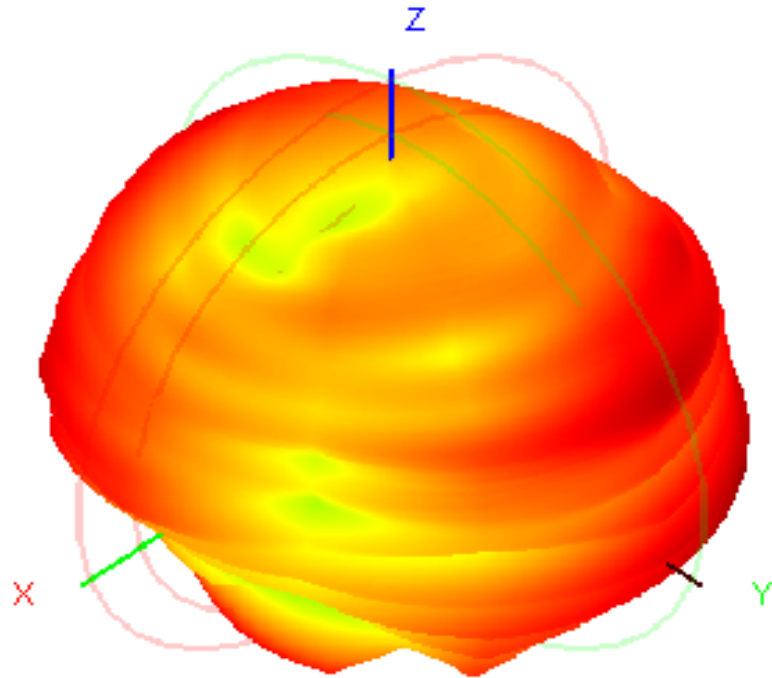
5400.0MHz H+V, Eff: 59.9%

Back View

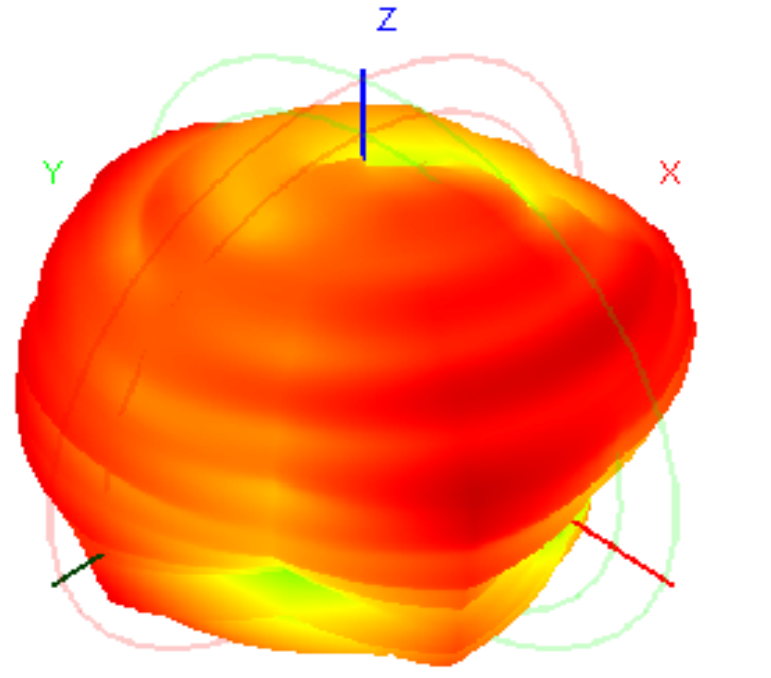


Radiation patterns—3D(5.8G#5)

5500.0MHz H+V, Eff: 67.9%



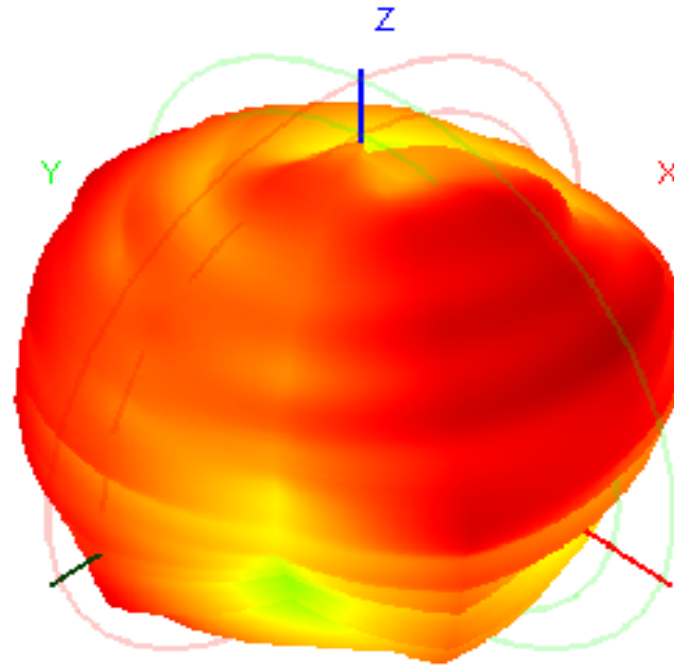
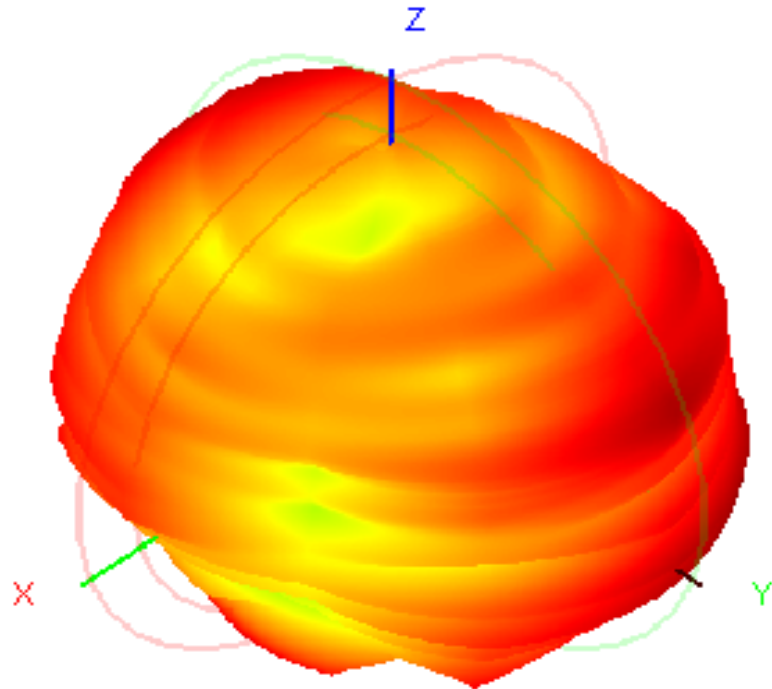
Back View



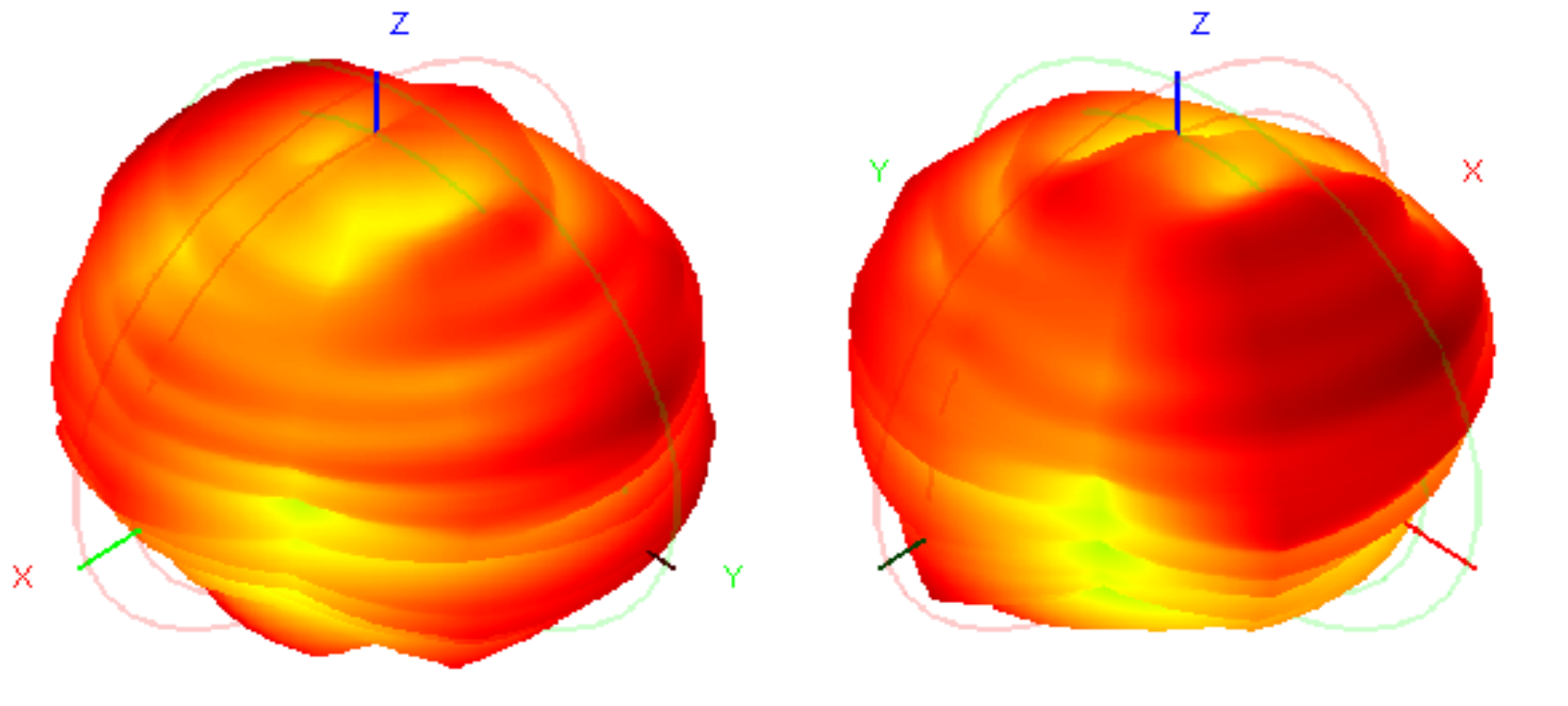
Radiation patterns—3D(5.8G#6)

5600.0MHz H+V, Eff: 59.6%

Back View



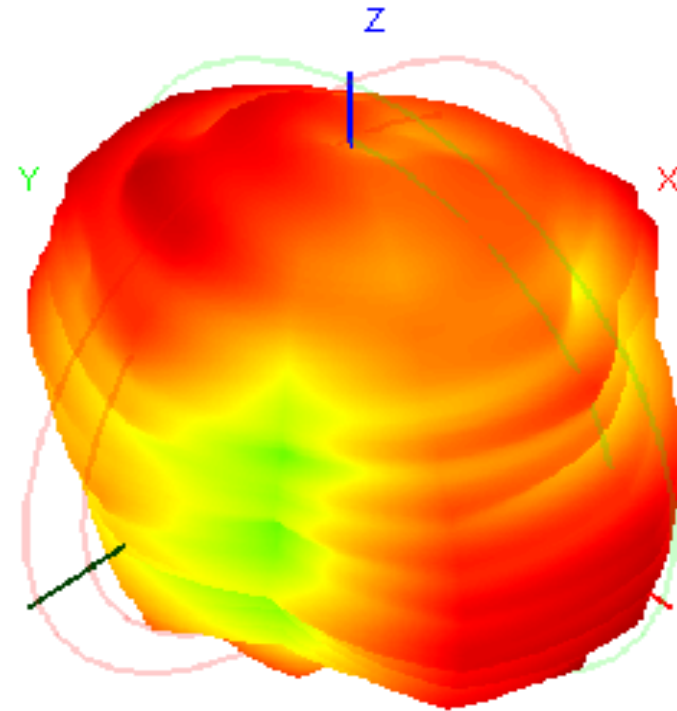
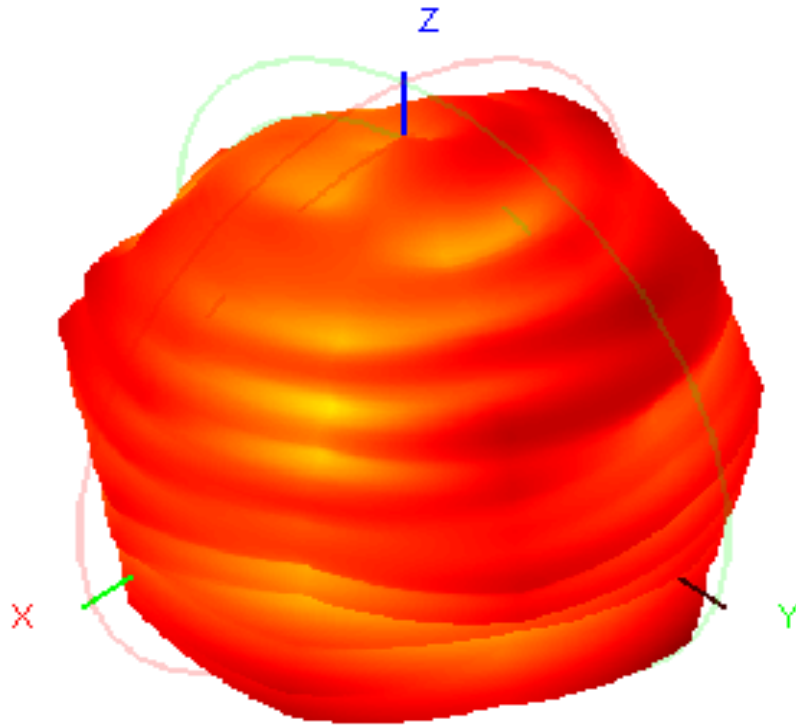
Radiation patterns—3D(5.8G#7)



Radiation patterns—3D(5.8G#8)

5800.0MHz H+V, Eff: 72.5%

Back View



Radiation patterns—3D(5.8G#9)

5900.0MHz H+V, Eff: 78.5%

Back View

