



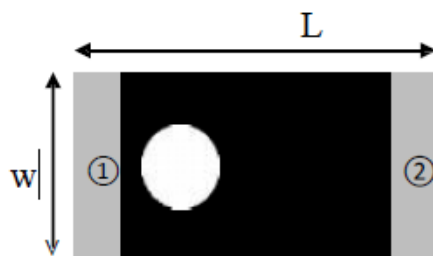
Antenna Specification



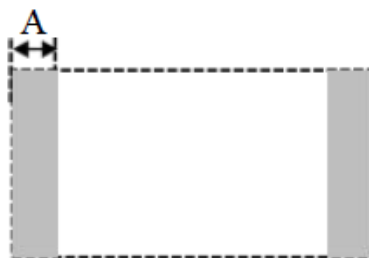
Antenna Manufacturer: Shenzhen Helixun Technology Co., Ltd.
Address: Room 1004, Jinhuan Yu Building, No. 56 Tiezai Road, Xixiang Street, Bao'an District, Shenzhen City, Guangdong Province

Antenna site

Dimensions (Unit: mm)



(Top View)



(Bottom View)

Number	Terminal Name
①	INPUT
②	NC



(Side View)

Symbols	L	W	T	A
Dimensions	3.2+/-0.2	1.6+/-0.2	0.5+/-0.1	0.4+/-0.1

Antenna gain data

Please refer to below antenna gain data.

Antenna Model :LX321605A6

Test Result

S11 Parameter-VSWR

L

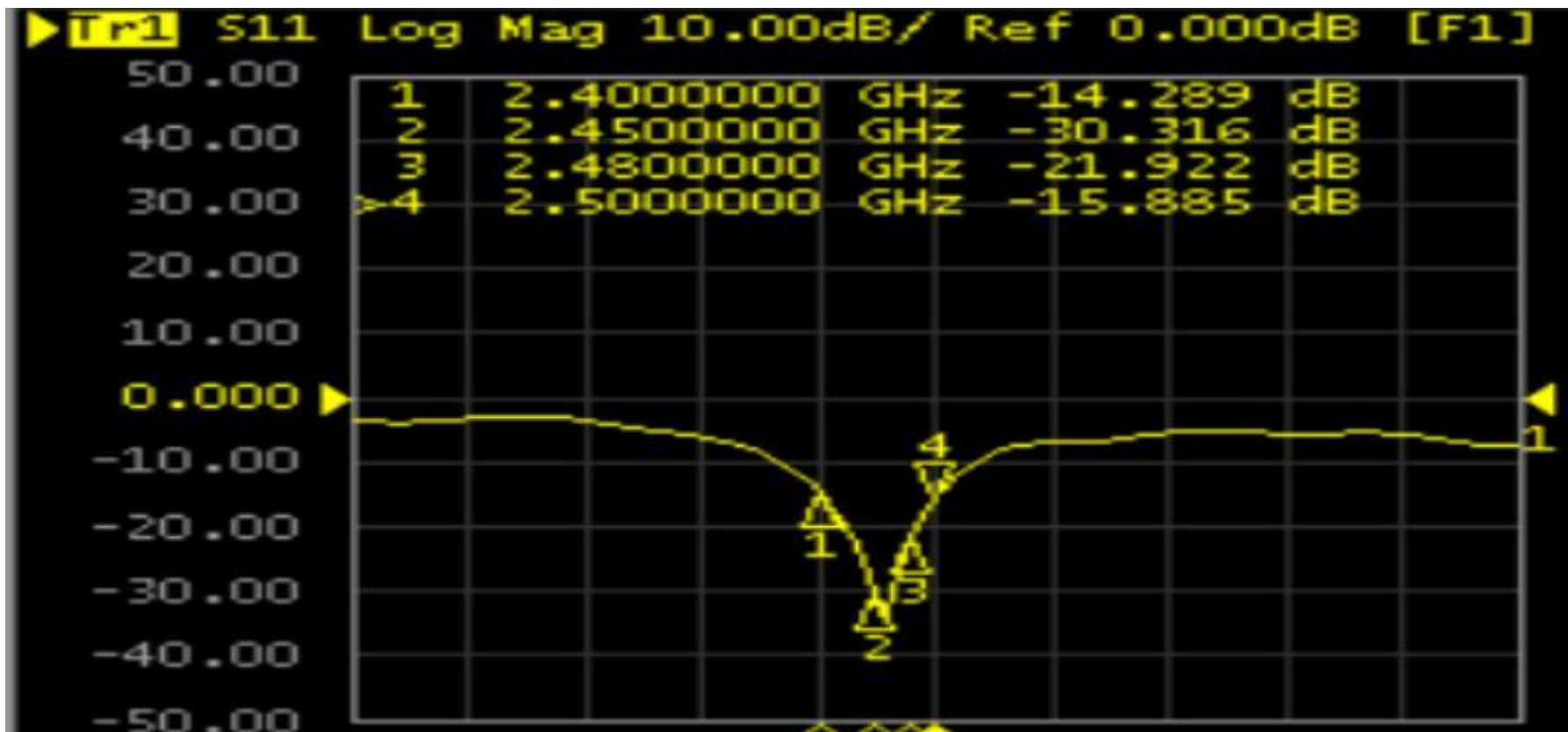


Frequency (MHz)	2400	2450	2480	2500
VSWR	1.47	1.06	1.17	1.38

Test Result

S11 Parameter-Log Mag

L

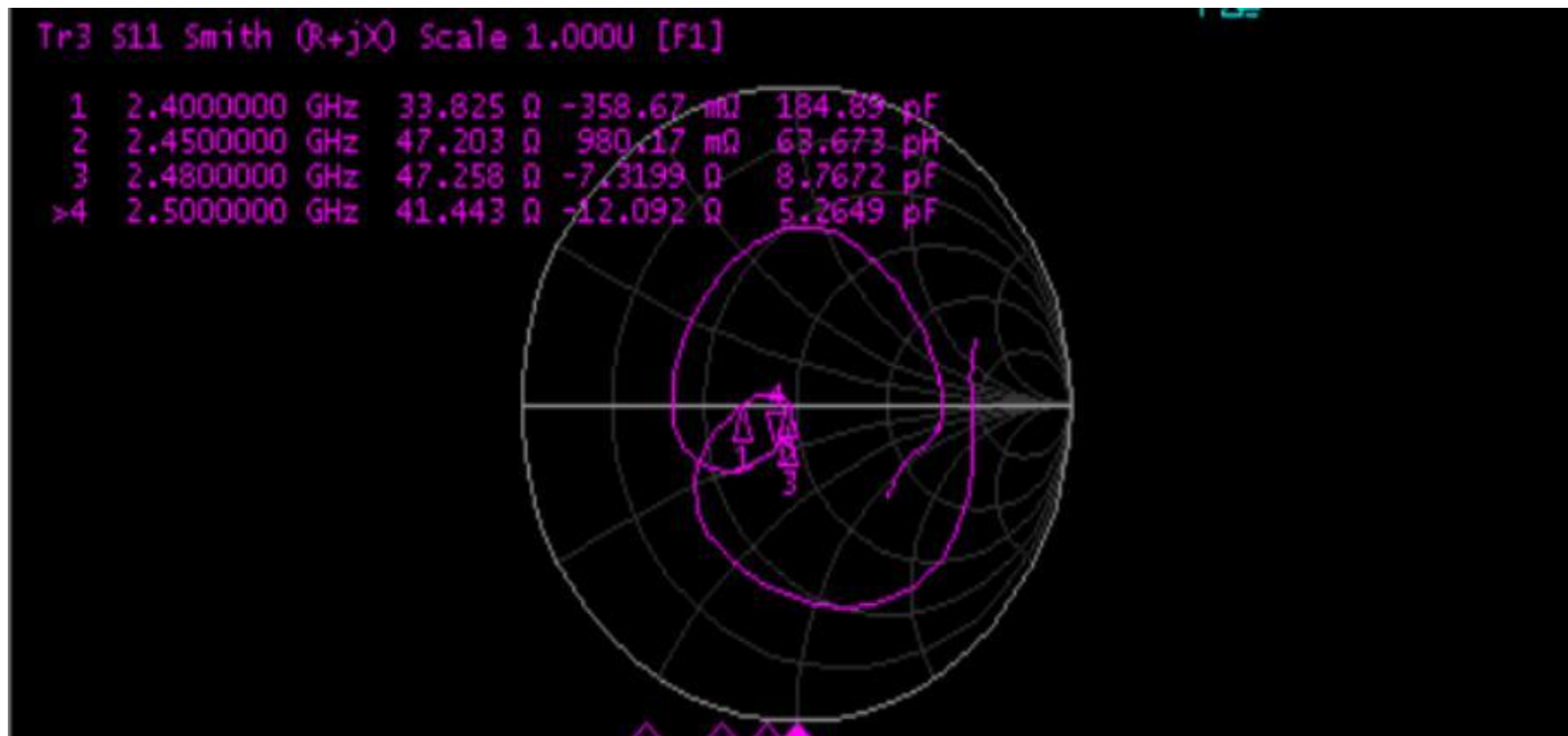


Frequency (MHz)	2400	2450	2480	2500
Log Mag	-14.28	-30.31	-21.92	-15.88

Test Result

S11 Parameter-VSWR

L



Frequency (MHz)	2400	2450	2480	2500
Smi th(Ω)	33.82	47.20	47.25	41.44

Test Result

Gain & Efficiency—**ANT**

L

Frequency (MHz)	Efficiency (%)	Peak GAIN (dBi)
2400	30.57	-0.61
2410	30.75	-0.58
2420	30.84	-0.40
2430	30.85	-0.09
2440	30.99	0.21
2450	31.11	0.48
2460	31.44	0.66
2470	31.67	0.75
2480	31.87	0.81

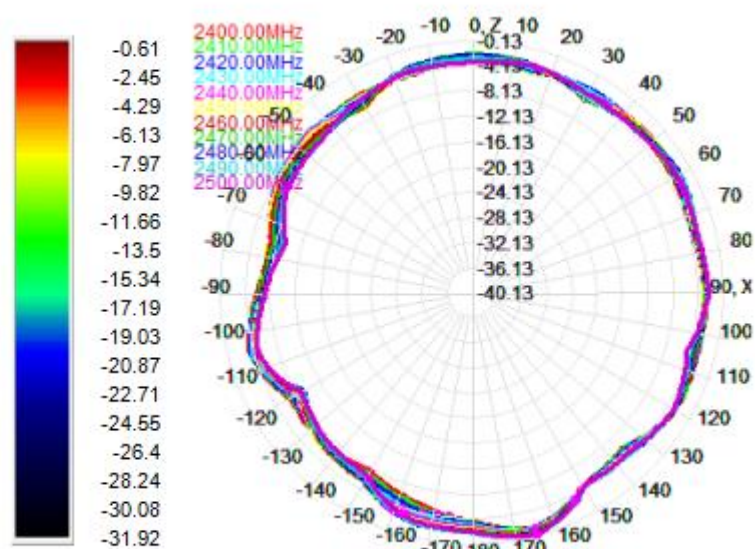
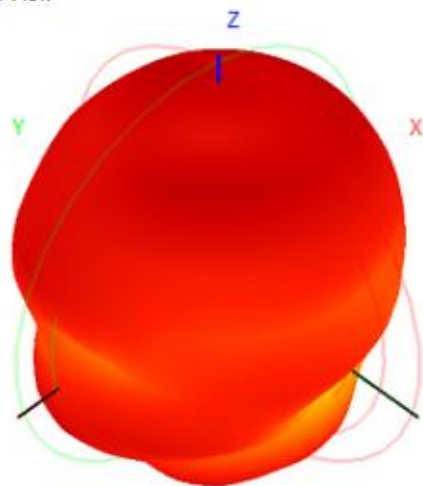
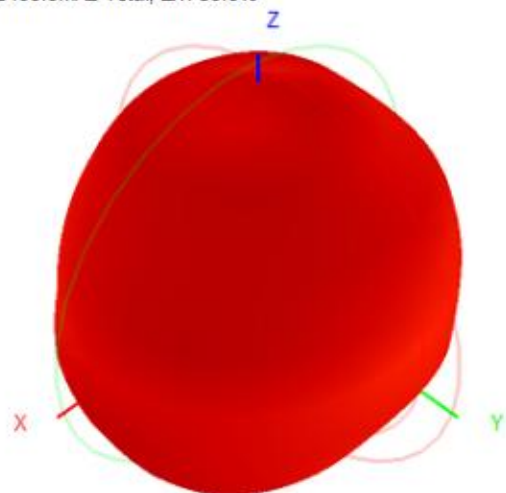
Test Result

2D Pattern——BTANT

L

2400.0MHz Total, Eff: 30.6%

Back View

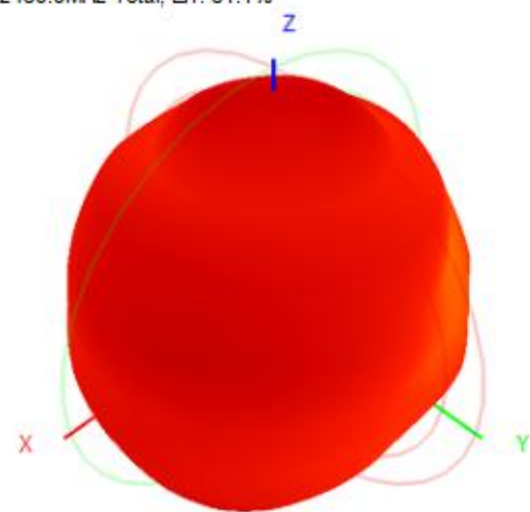


Test Result

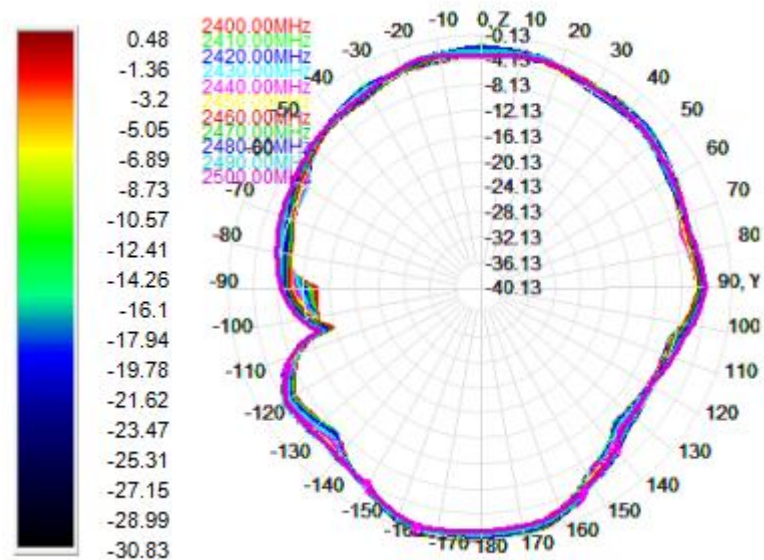
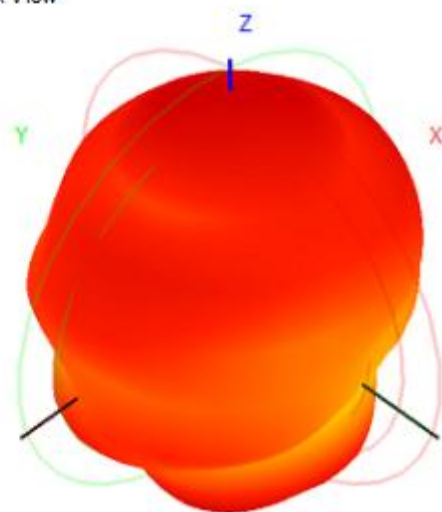
2D Pattern—**BTANT**

L

2450.0MHz Total, Eff: 31.1%



Back View

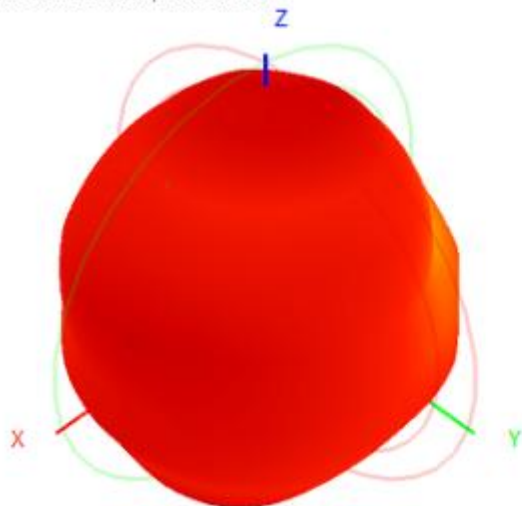


Test Result

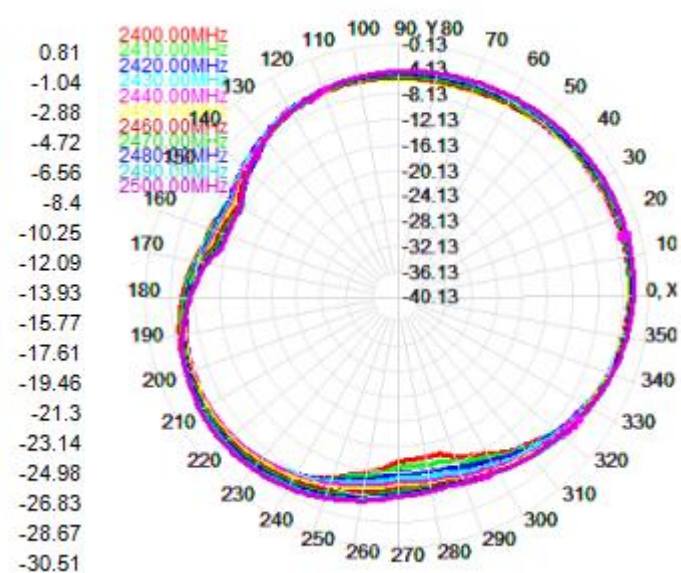
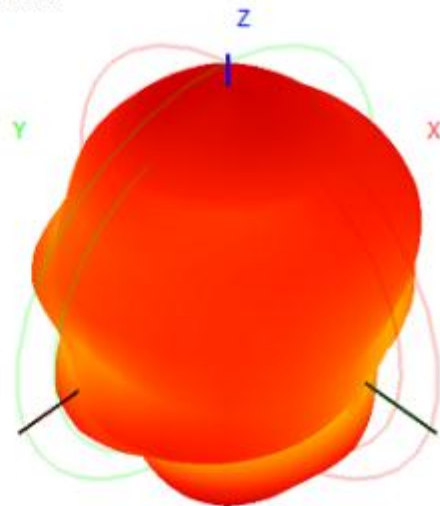
2D Pattern—BTANT

L

2480.0MHz Total, Eff: 31.9%



Back View

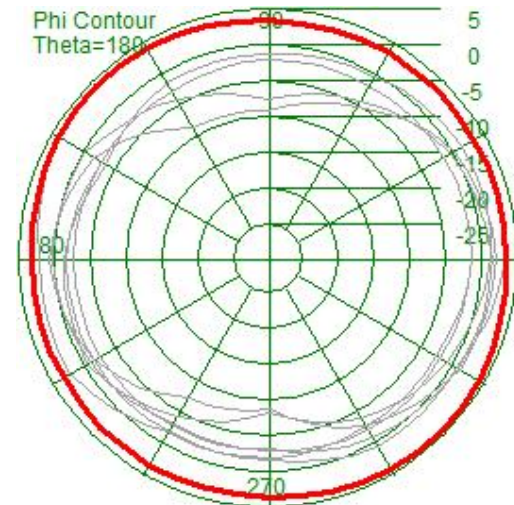
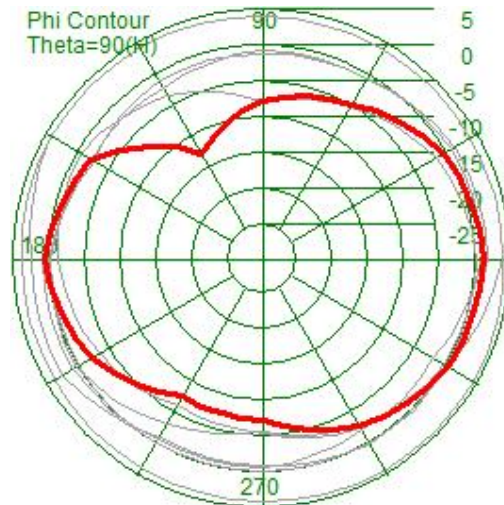
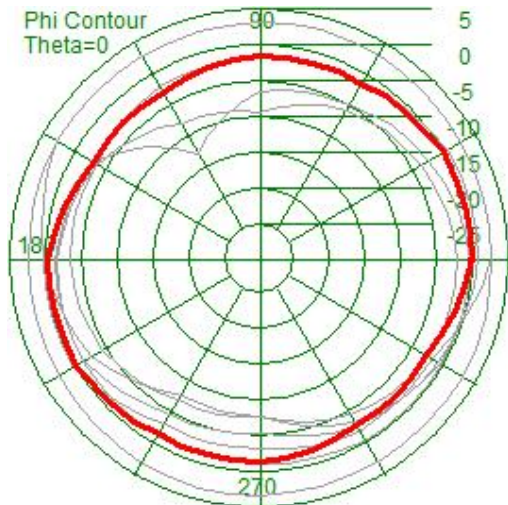
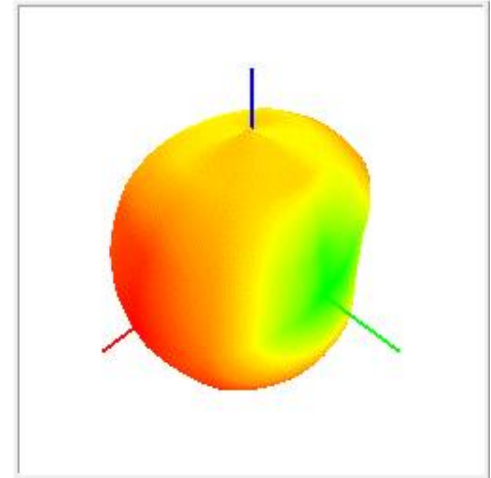
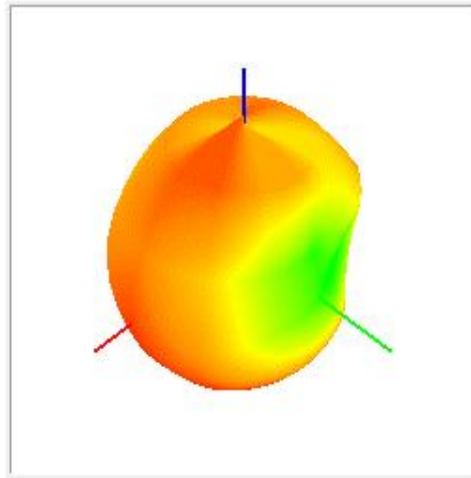
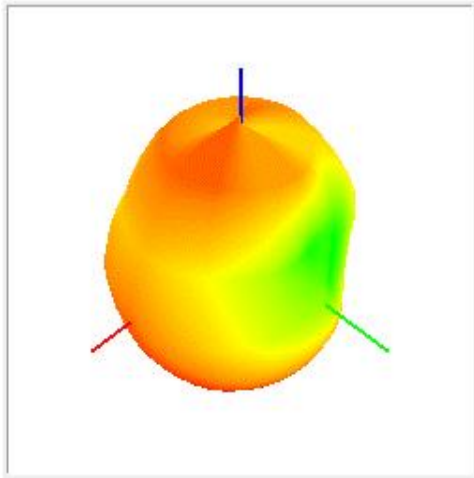


Test Result

2D Pattern

BTANT

TRP

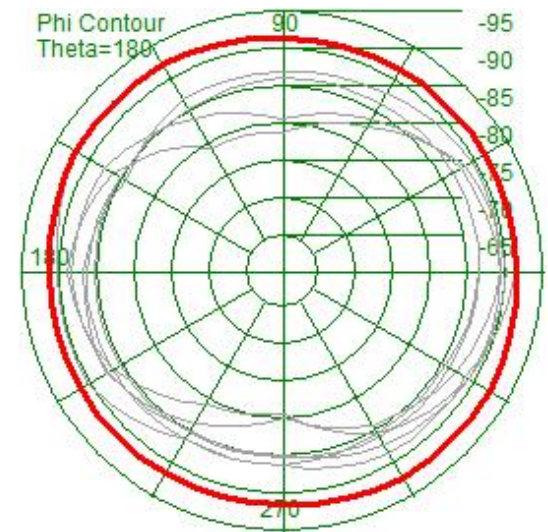
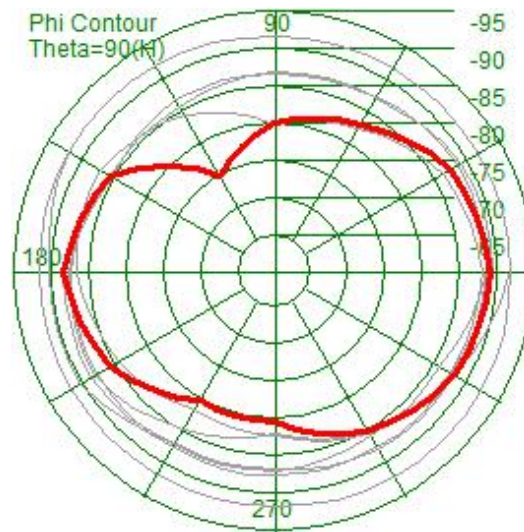
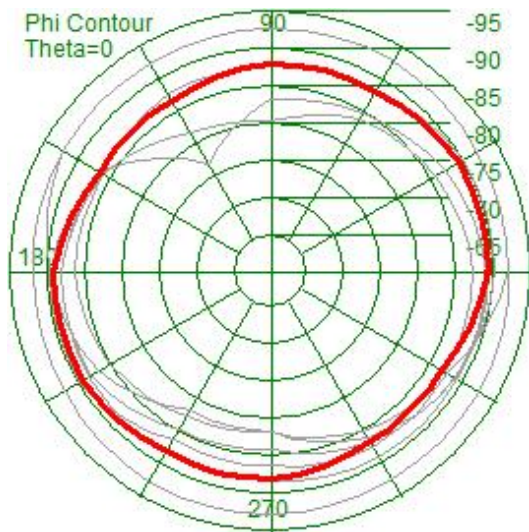
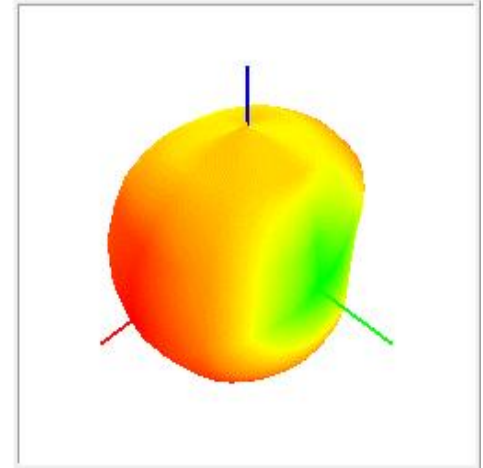
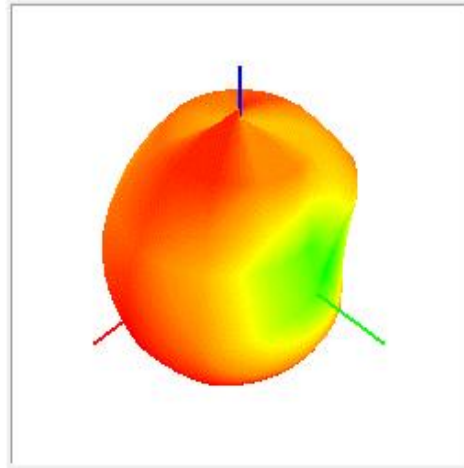
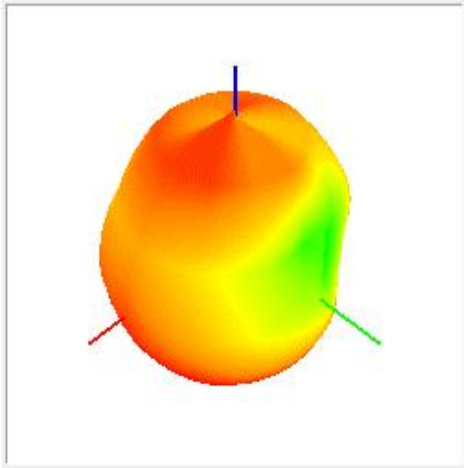


Test Result

2D Pattern

BTANT

TIS



Test Result

S11 Parameter-VSWR

R



Frequency (MHz)	2400	2450	2480	2500
VSWR	1.32	1.12	1.23	1.41

Test

Result

R

S11 Parameter-Log Mag



Frequency (MHz)	2400	2450	2480	2500
Log Mag	-17.04	-24.67	-19.60	-15.26

Test Result

S11 Parameter-VSWR

R



Frequency (MHz)	2400	2450	2480	2500
Smi th(Ω)	37.87	54.01	58.67	52.05

Test Result

Gain & Efficiency—**ANT**

R

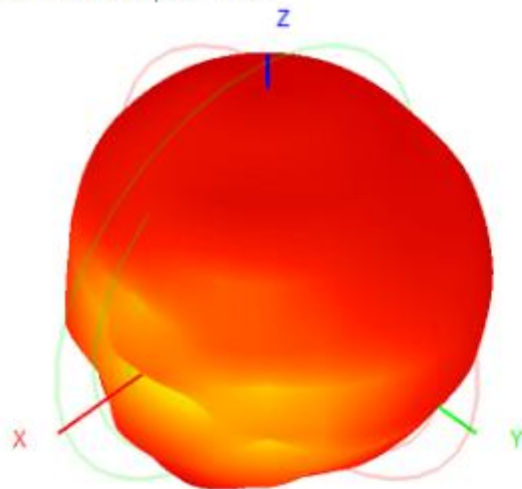
Frequency (MHz)	Efficiency (%)	Peak GAIN (dBi)
2400	26.23	-1.10
2410	26.59	-0.89
2420	26.88	-0.72
2430	27.08	-0.51
2440	27.19	-0.37
2450	27.14	-0.35
2460	27.11	-0.51
2470	27.03	-0.68
2480	27.10	-0.46

Test Result

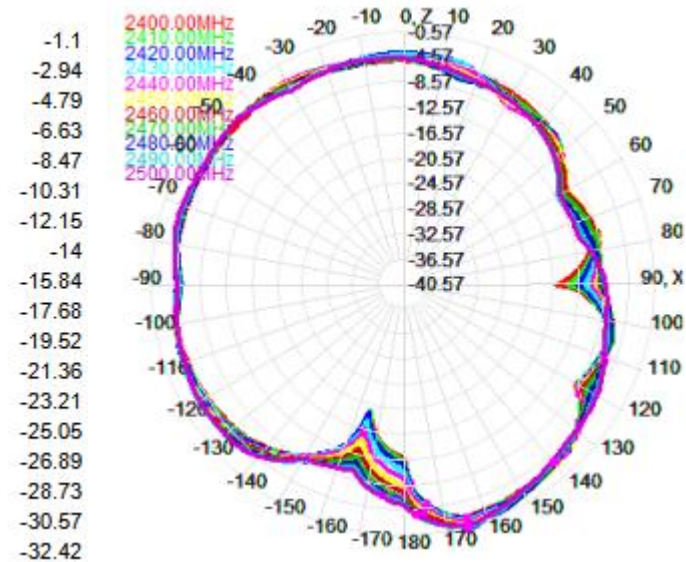
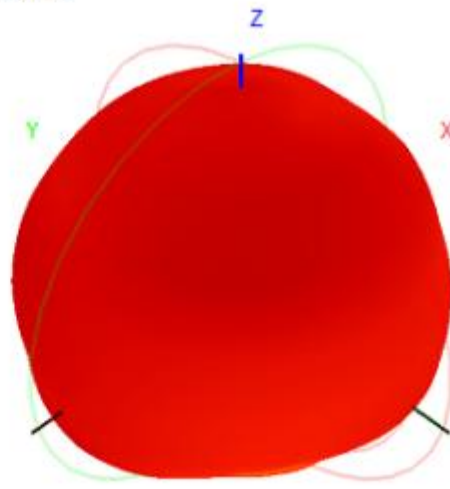
2D Pattern—**BTANT**

R

2400.0MHz Total, Eff: 26.2%



Back View



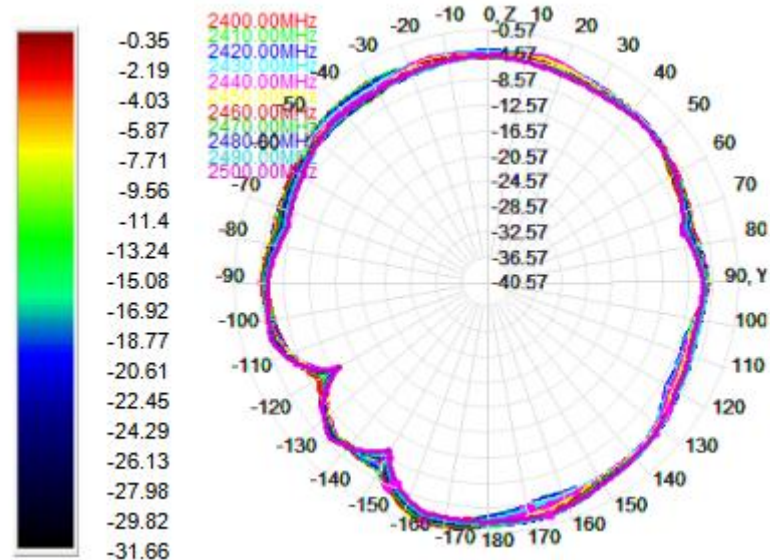
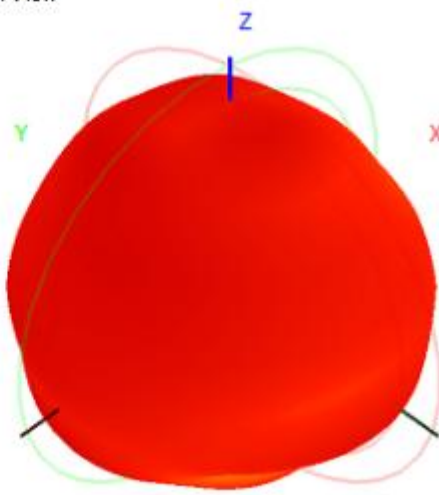
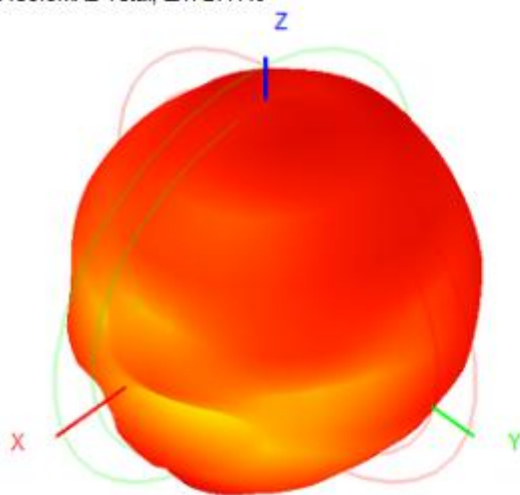
Test Result

2D Pattern—**BTANT**

R

2450.0MHz Total, Eff: 27.1%

Back View

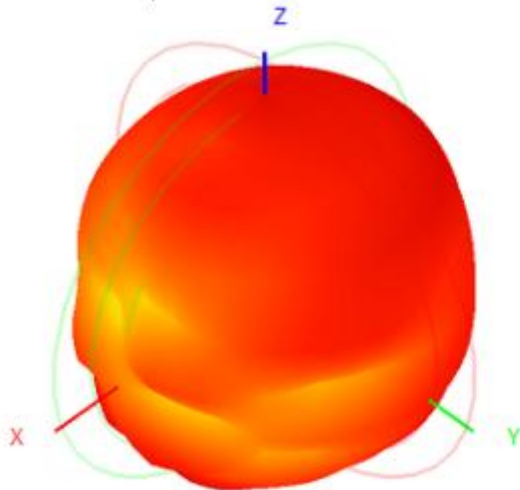


Test Result

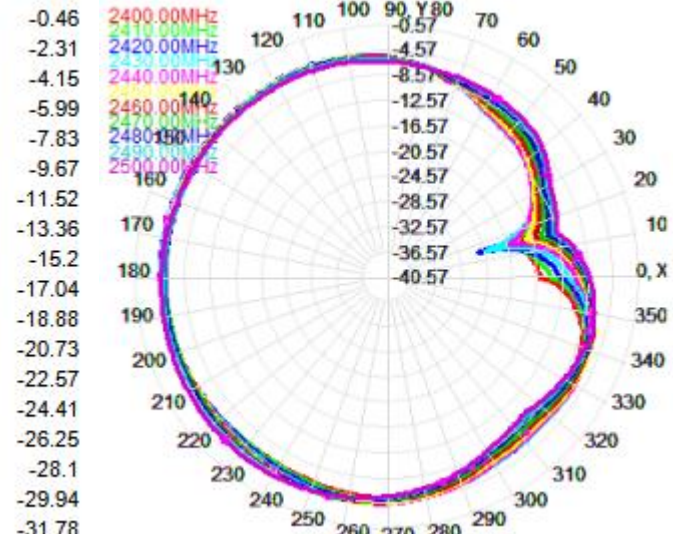
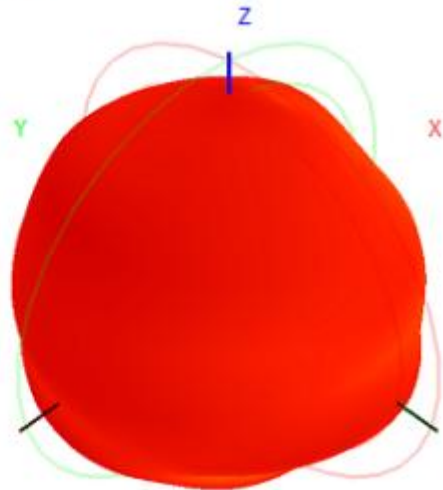
2D Pattern——BTANT

R

2480.0MHz Total, Eff: 27.1%



Back View

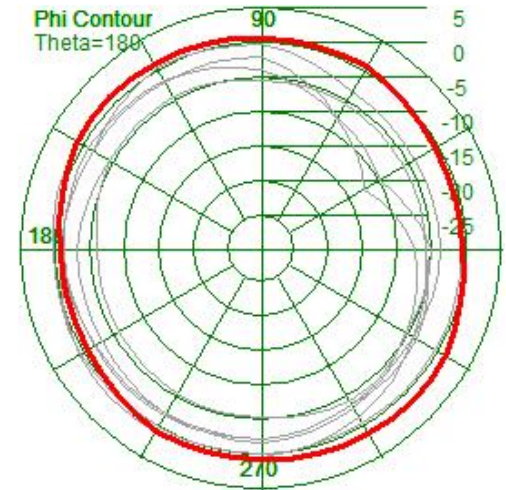
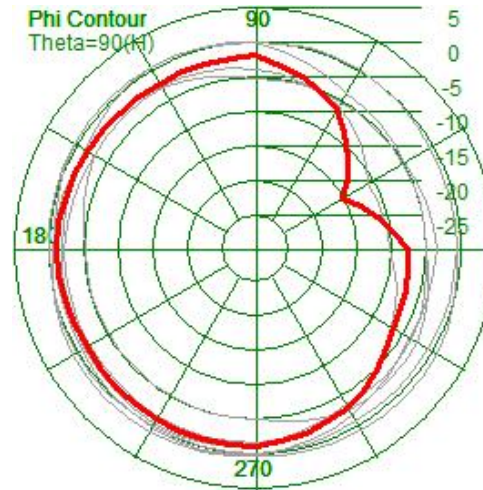
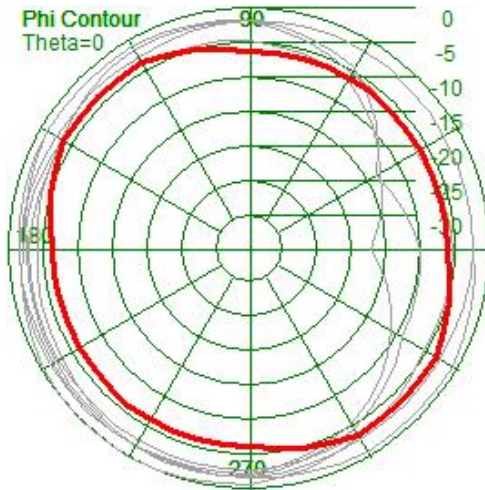
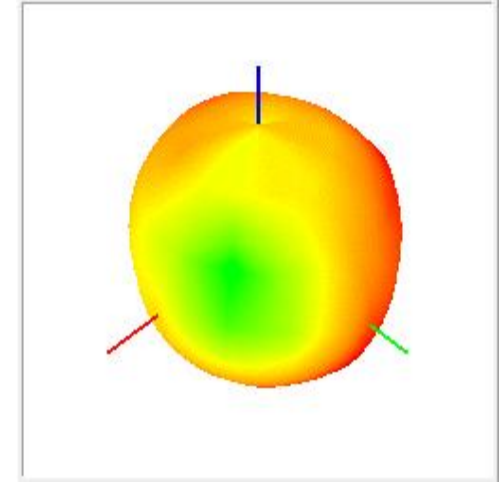
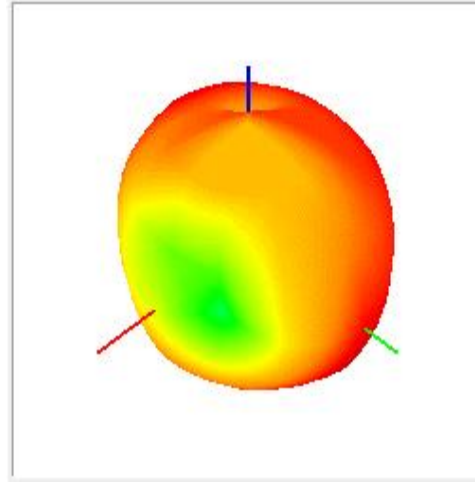
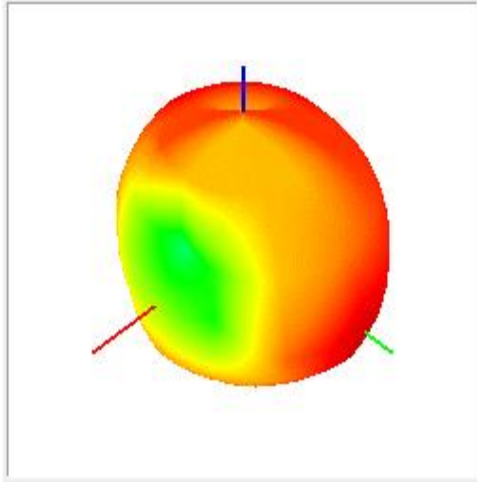


Test Result

2D Pattern

BTANT

TRP

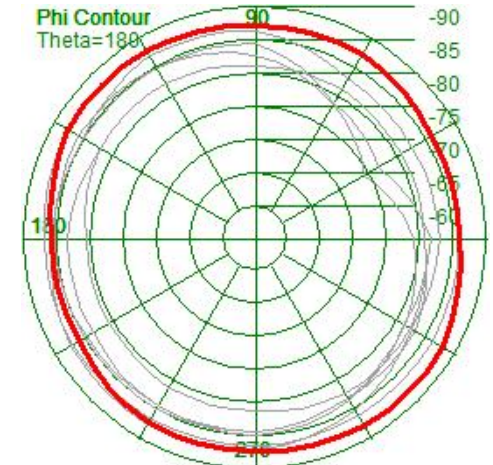
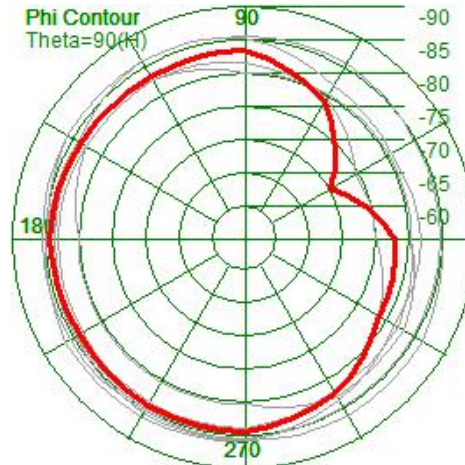
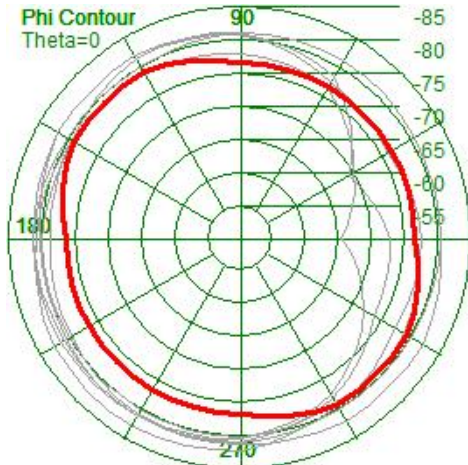
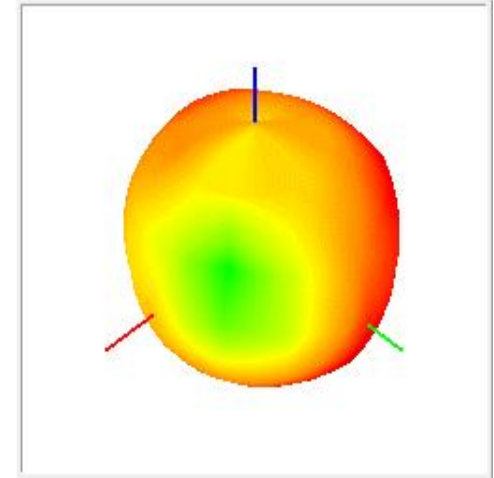
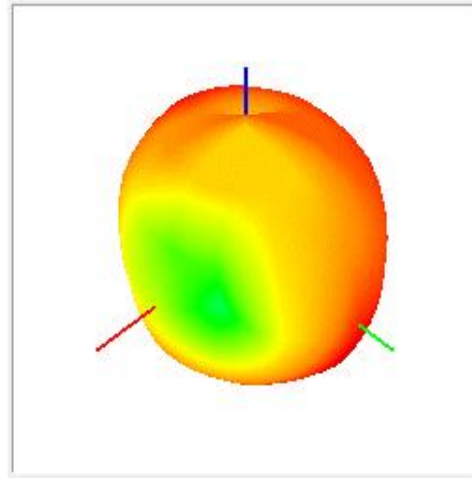
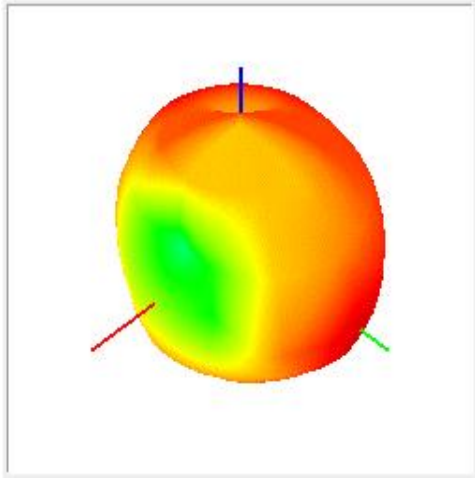


Test Result

2D Pattern

BTANT

TIS



Thank you!