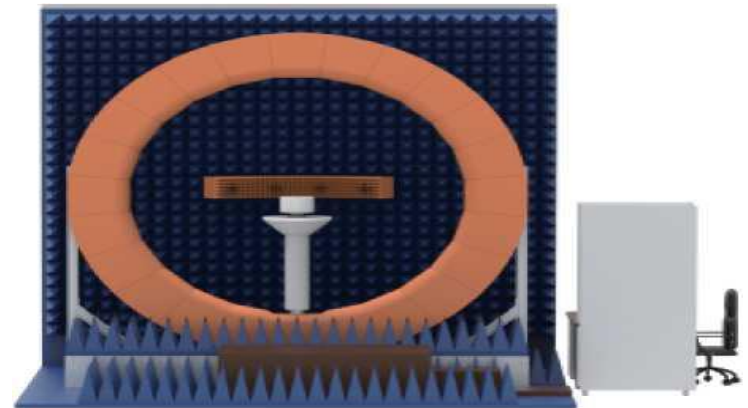
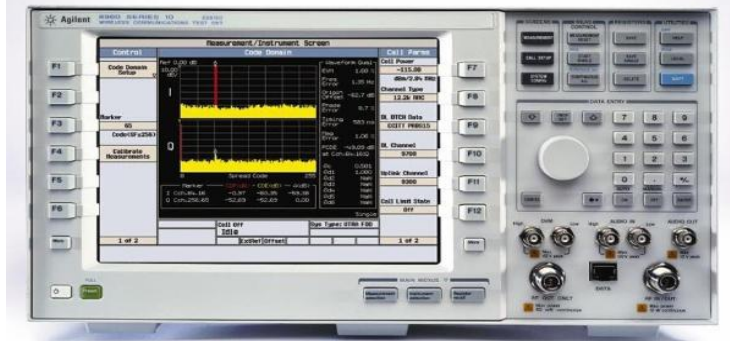




Customer	YDW
Project	P06
Antenna Revision	A0
Prepared by	18814303605
Checked by	
Date :	2026. 01. 06

2. Test System

Sequence Number	Test Item	equipment
S parameter	VSWR	Agilent 5071C & Agilent 5071B
OTA Test	TRP&TIS	Agilent 8960 & CMW500 STIMO
Gain & Efficiency	Gain & Efficiency	SATIMO Agilent 5071C



Purpose

This report is to measure the performance of antenna for **P06** The antenna operating frequency at 2400MHz-2500MHz 。 All test data are showed as below.

Content

1. Product Overview & Dimension
2. Test system
3. Test Result

3.1 S11 Parameter

3.2 Gain & Efficiency

3.3 2D Pattern

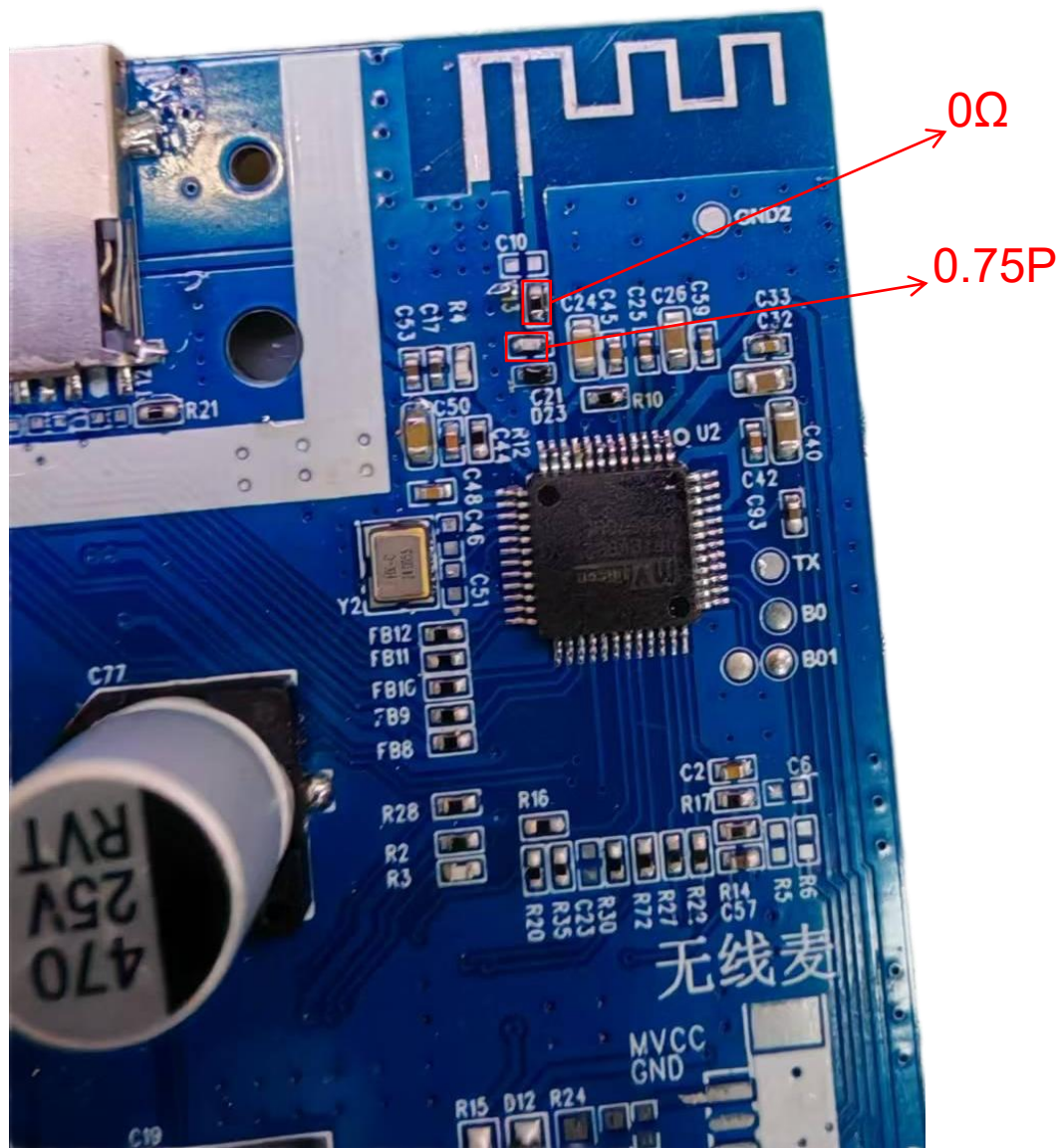
4. OTA

4.1 Test Result

4.2 2D Pattern

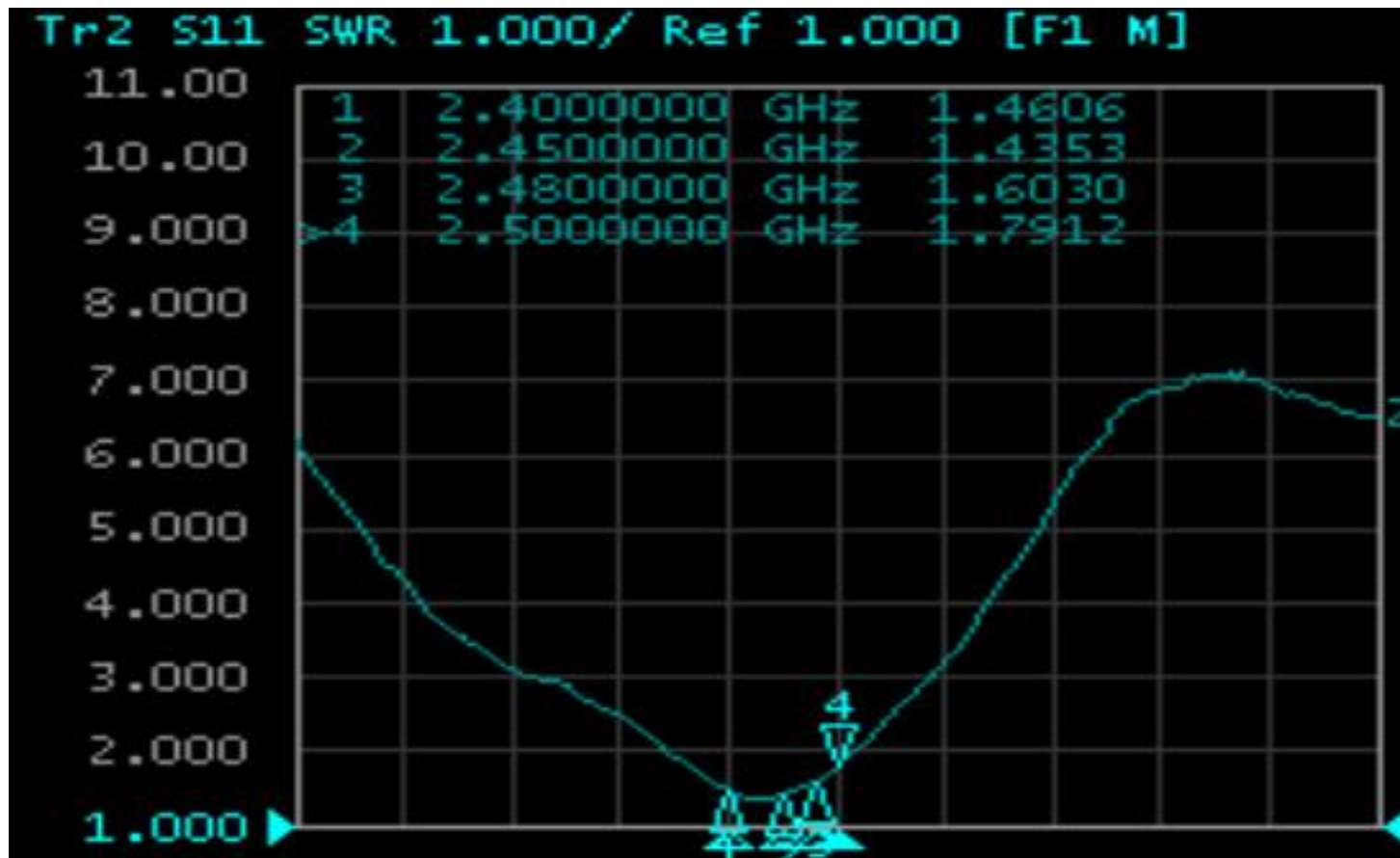


匹配图



3.1 Test Result

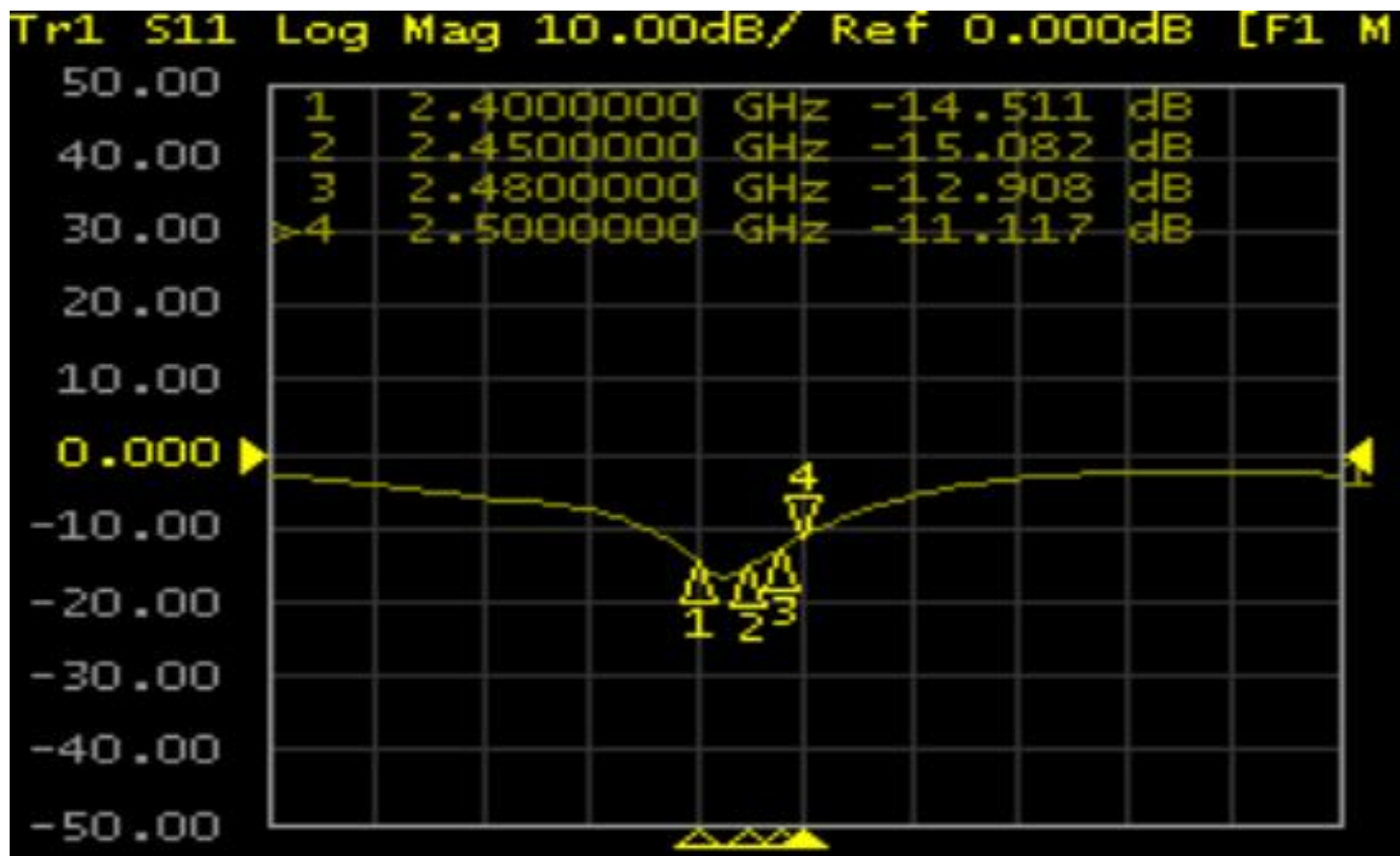
1 .S11 Parameter-VSWR



Frequency (MHz)	2400	2450	2480	2500
VSWR	1.46	1.43	1.60	1.79

3.1 Test Result

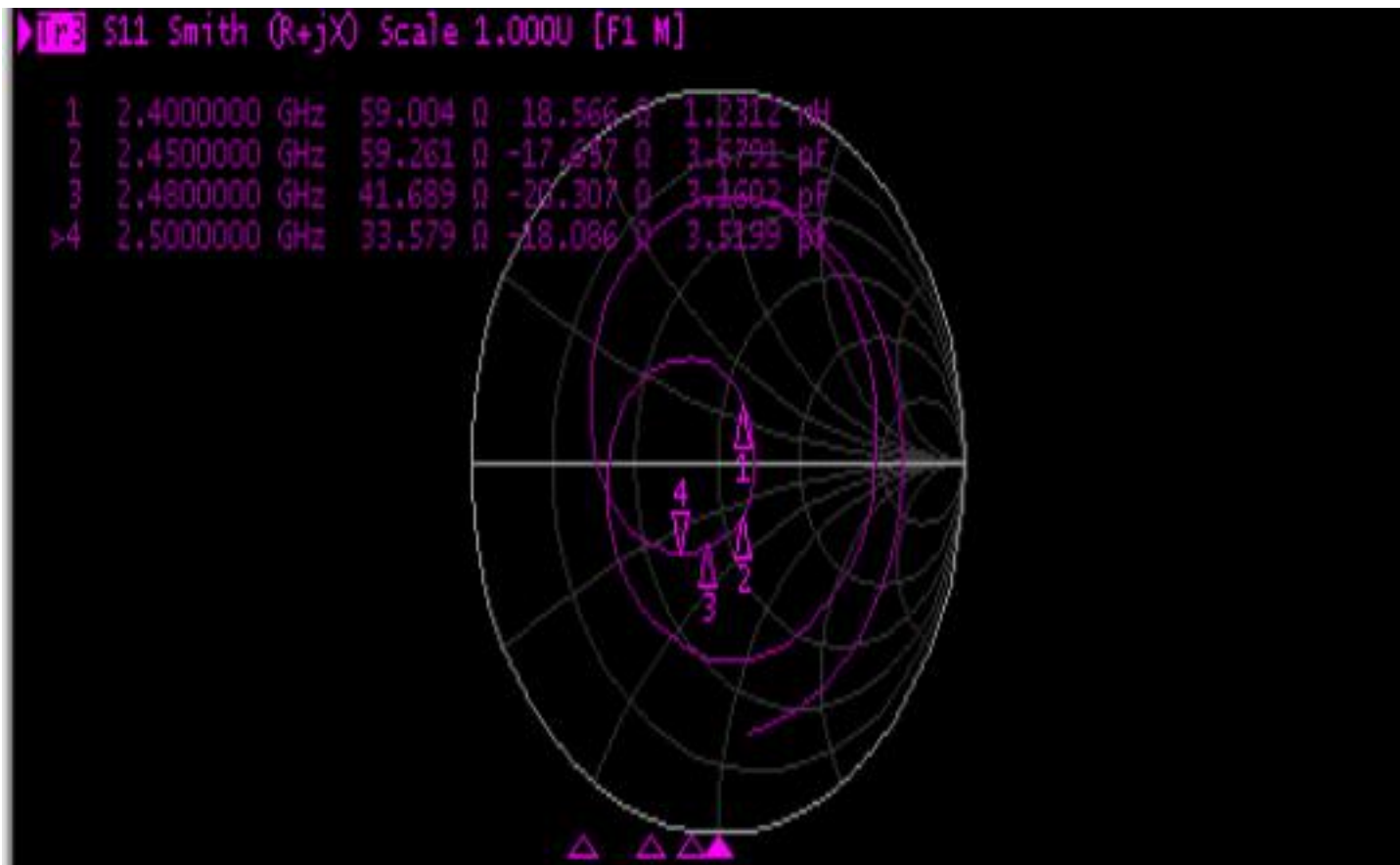
2. S11 Parameter-Log Mag



Frequency (MHz)	2400	2450	2480	2500
Log Mag	-14.51	-15.08	-12.90	-11.11

3.1 Test Result

3.S11 Parameter-Smith



Frequency (MHz)	2400	2450	2480	2500
Smith (Ω)	59.00	59.26	41.68	33.57

3.2 Test Result

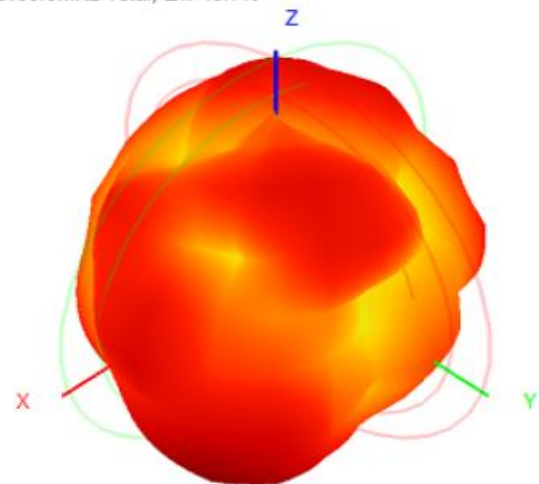
1 Gain & Efficiency—**ANT**

Frequency (MHz)	Efficiency (%)	Peak GAIN (dBi)
2400	43.66%	1.84
2410	44.55%	1.92
2420	45.09%	2.14
2430	45.95%	2.06
2440	46.19%	1.83
2450	44.39%	2.46
2460	42.78%	3.12
2470	42.98%	2.83
2480	43.06%	2.38

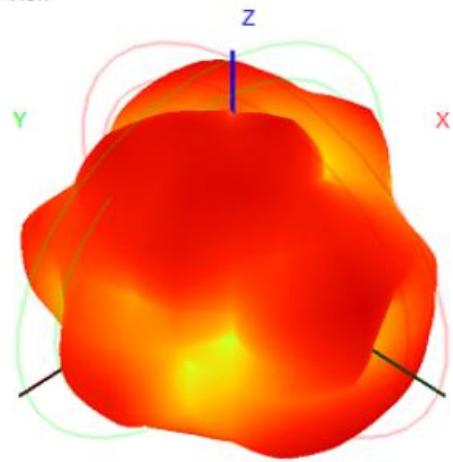
3.3 Test Result

1 2D Pattern——BTANT

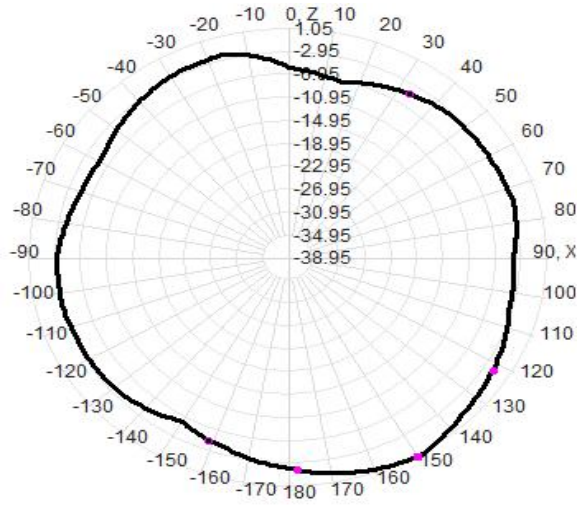
2400.0MHz Total, Eff. 43.7%



Back View



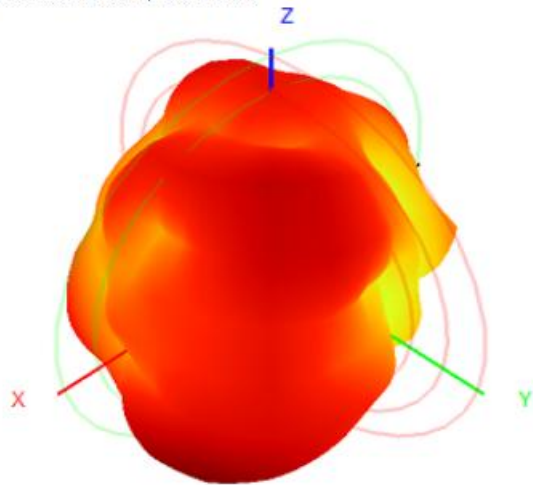
1.84
0
-1.84
-3.68
-5.52
-7.37
-9.21
-11.05
-12.89
-14.74
-16.58
-18.42
-20.26
-22.1
-23.95
-25.79
-27.63
-29.47



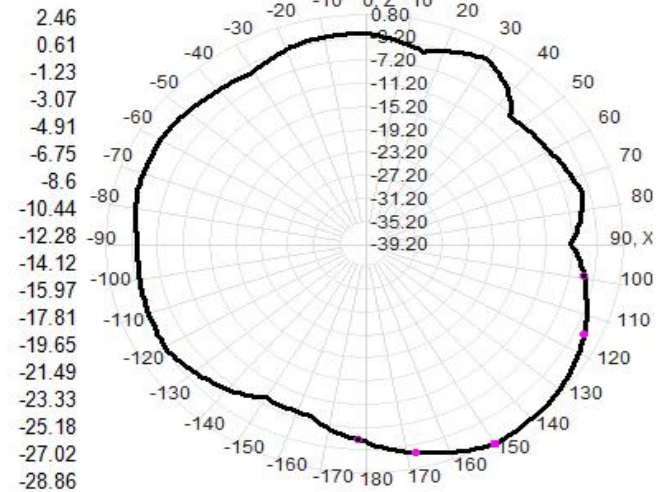
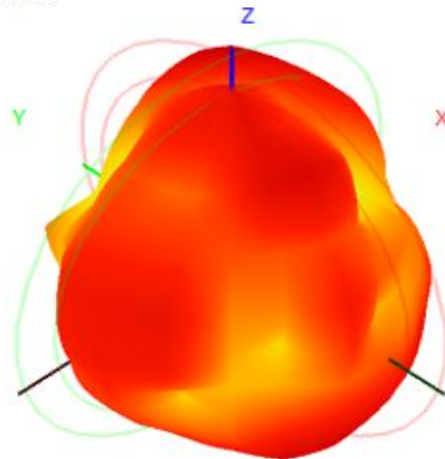
3.3 Test Result

2 2D Pattern—BTANT

2450.0MHz Total, Eff. 44.4%



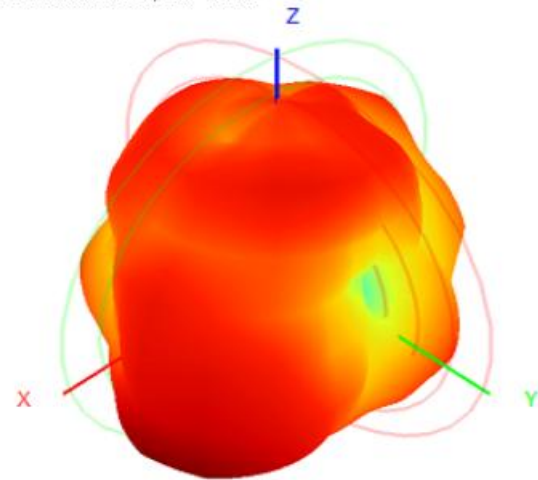
Back View



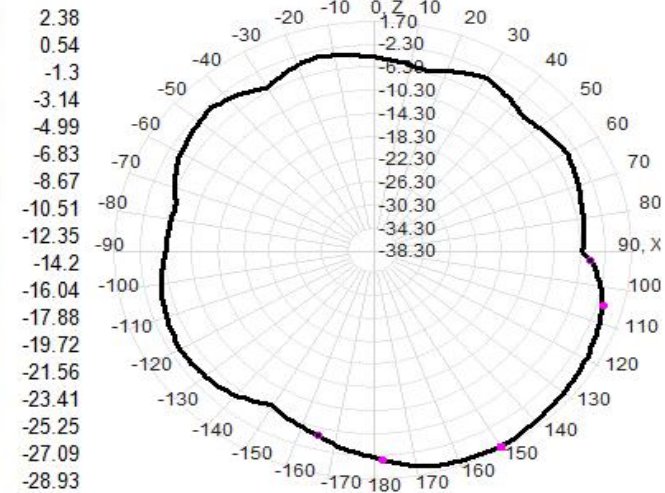
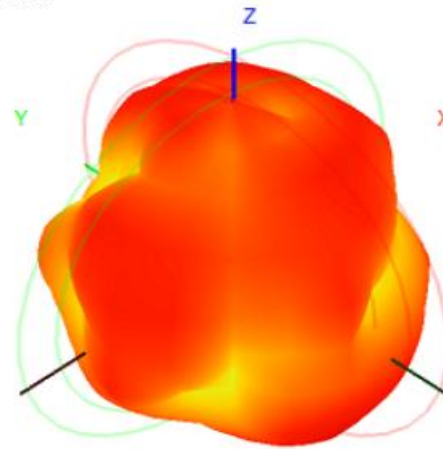
3.3 Test Result

3 2D Pattern—BTANT

2480.0MHz Total, Eff. 43.1%



Back View



Thank you!

Address: Room 1004, Building 1, Jinhuan Yu Plaza (or Tower), 56 Tiezai Road, Gongle Community, Xixiang Subdistrict, Bao'an District, Shenzhen, Guangdong, P.R. China