

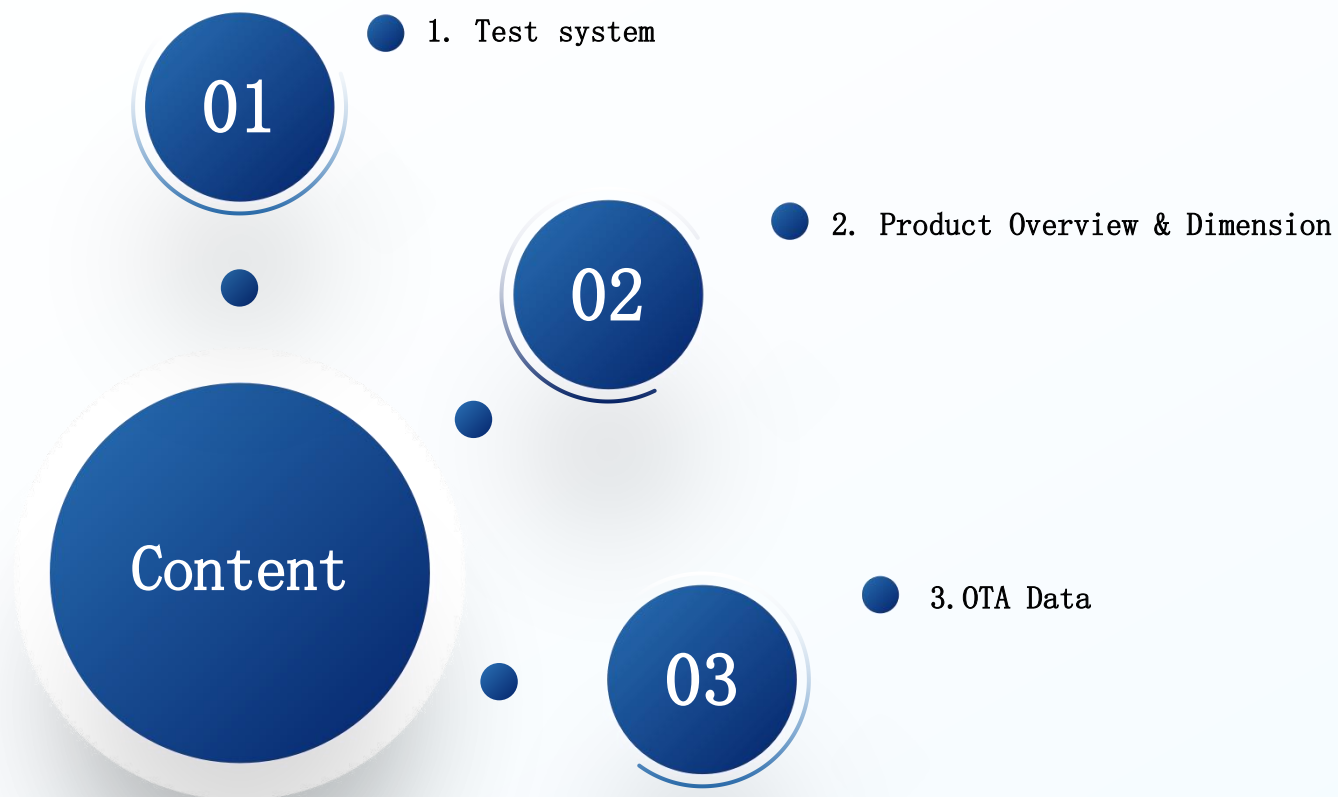


深圳合翊讯科技有限公司
Shenzhen Heyixun Technology Co., Ltd.

Customer	光树医疗
Project	HZD-01
Antenna Revision	A0
Prepared by	15993920520
Checked by	17279710721
Date	2024. 08. 30

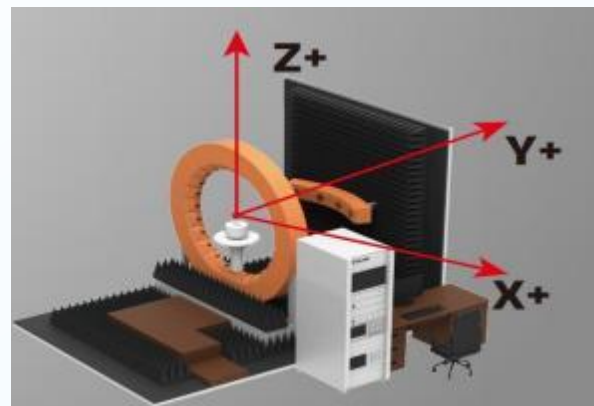
Purpose

This report is to measure the performance of antenna for **HZD-01** The antenna operating frequency at 2400-2500MHz All test data are showed as below.

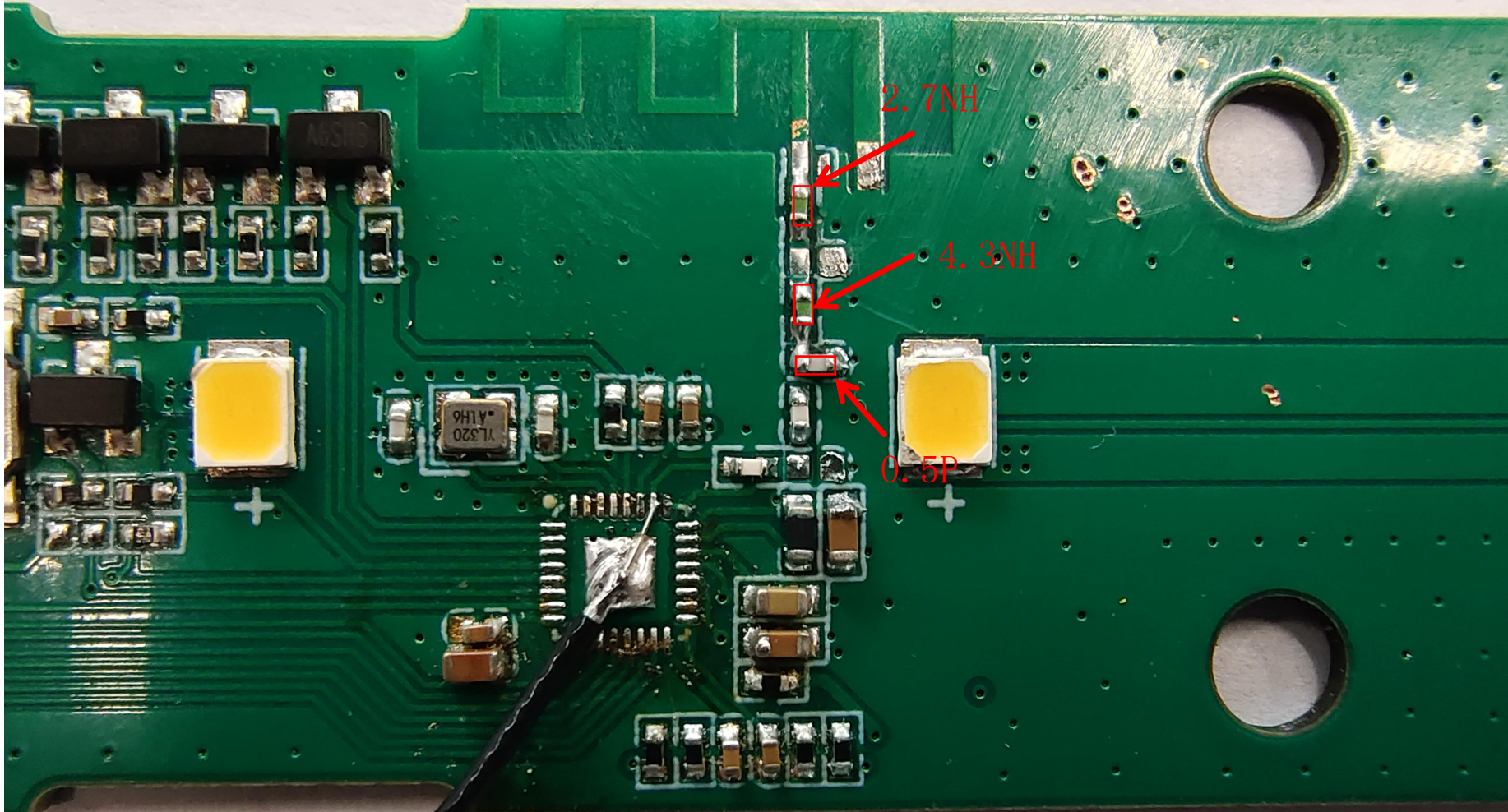


1.TestSystem

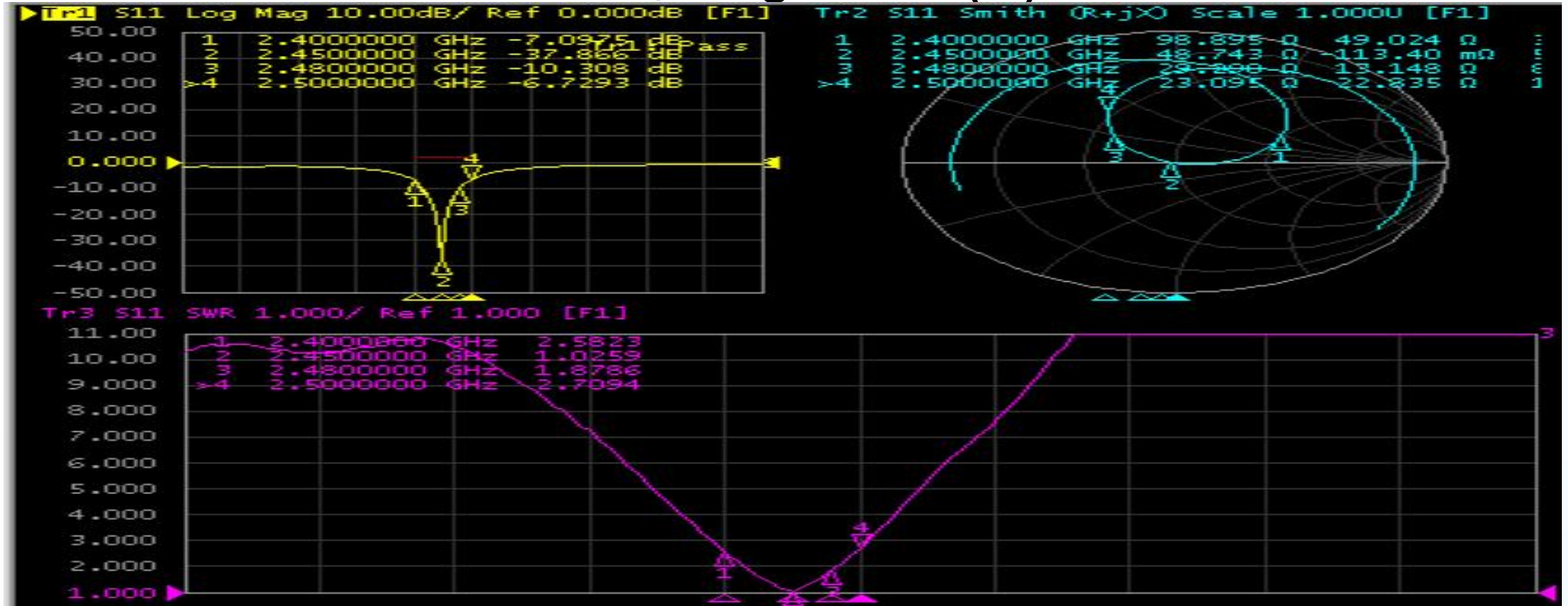
Sequence Number	Test Item	equipment
S parameter	VSWR	Agilent 5071C & Agilent 5071B
OTA Test	TRP&TIS	Agilent 8960 & CMW500 STIMO
Gain & Efficiency	Gain & Efficiency	SATIMO Agilent 5071C



2.Product Overview & Dimension



3. Test Result VSWR&Log Mag&Smith(Ω)



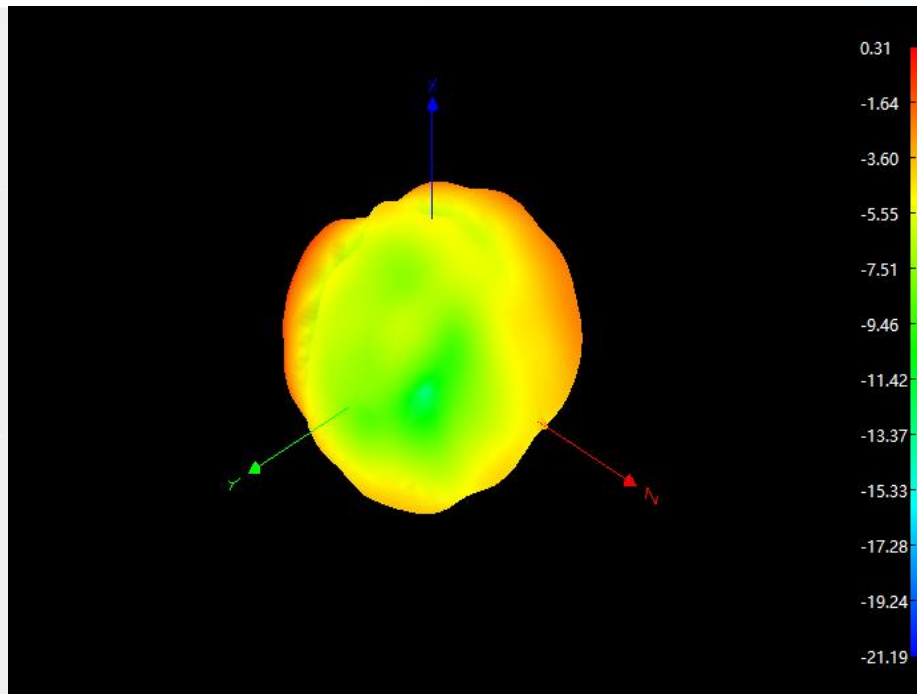
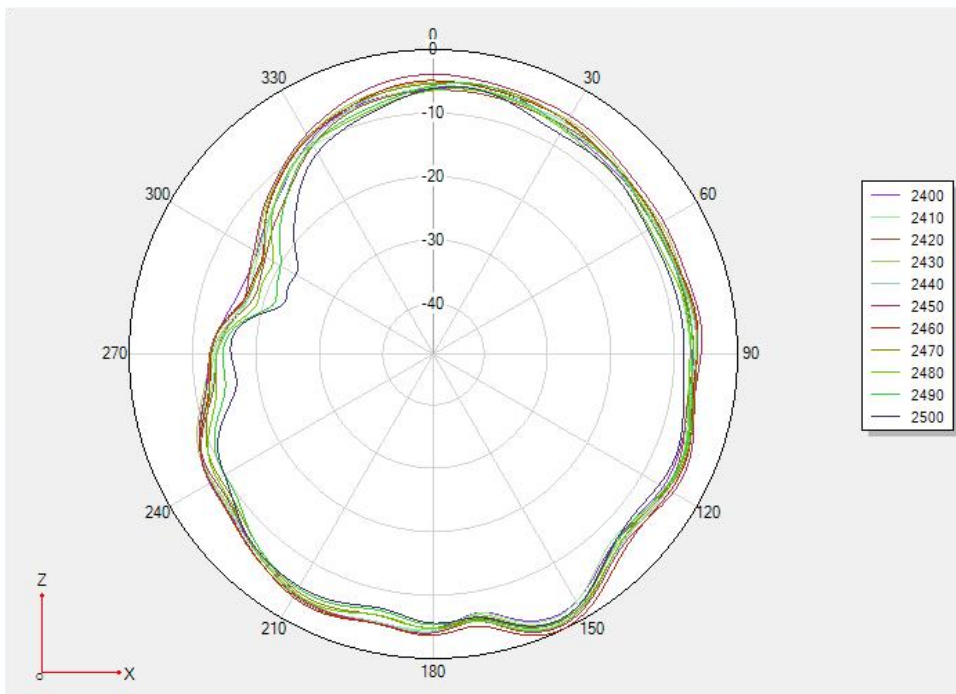
Frequency (MHz)	2400	2450	2480	2500
Log Mag	-7.09	-37.86	-10.30	-6.72
Smith(Ω)	98.89	48.74	29.29	23.11
VSWR	2.58	1.02	1.87	2.71

3.Test Result

Frequency (MHz)	Efficiency (%)	Max GAIN (dBi)
2400	33.63	0.01
2410	34.57	0.13
2420	35.64	0.31
2430	36.61	0.31
2440	37.05	0.81
2450	40.43	1.17
2460	37.48	1.72
2470	36.96	0.33
2480	35.01	0.61
2490	34.51	0.01
2500	32.62	0.22

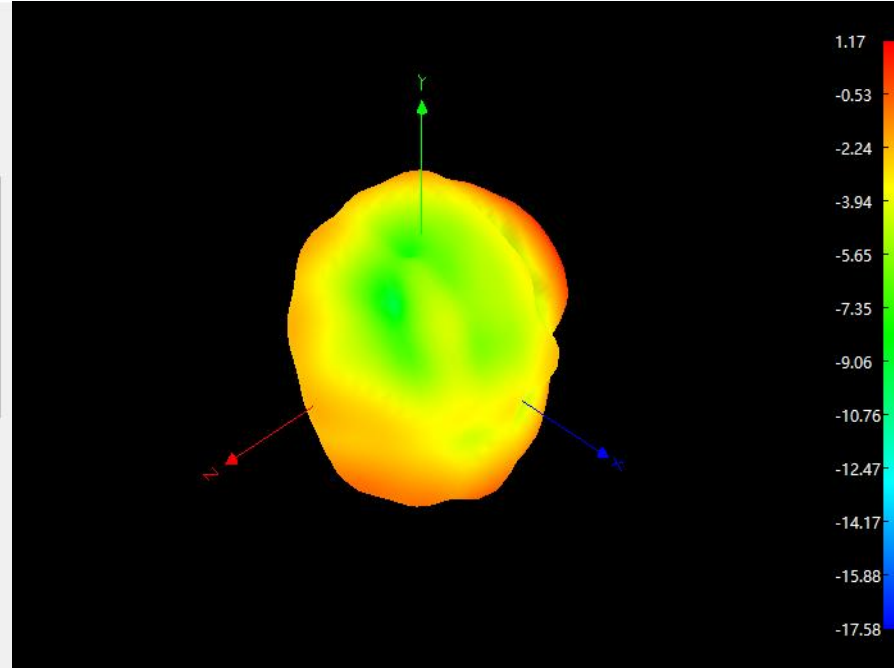
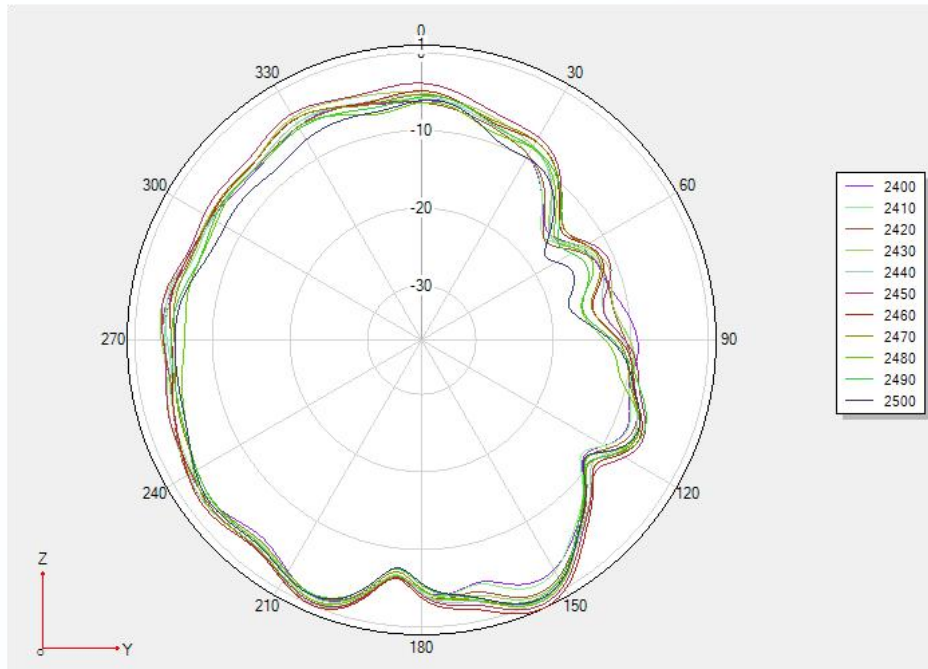
3. Test Result

3.1 2D Pattern—BT ANT



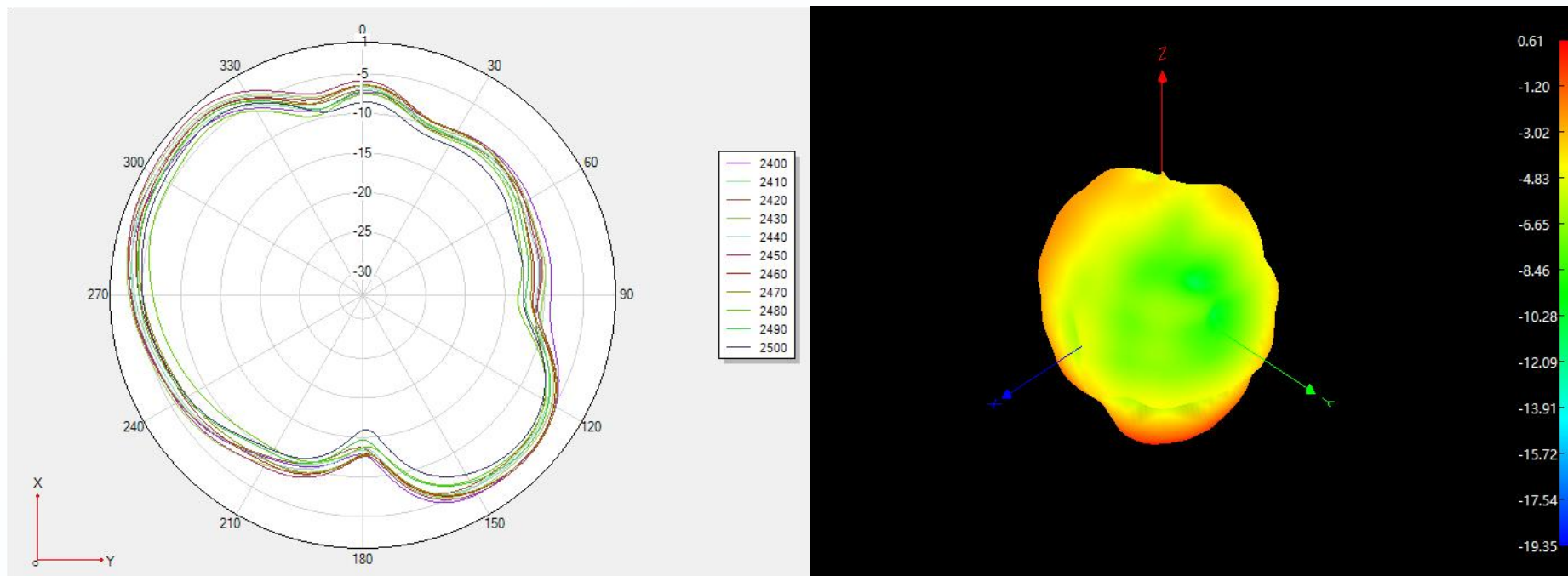
3. Test Result

3.1 2D Pattern——BT ANT

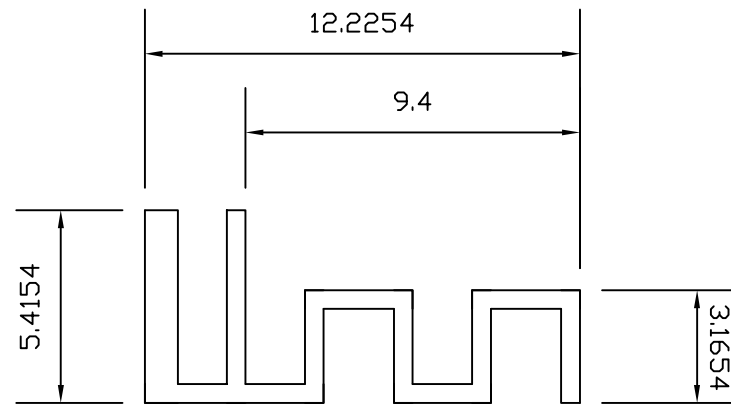


3. Test Result

3.1 2D Pattern—BT ANT



Antenna Dimensions:



Unit:mm

WORK REPORT

谢谢观看