

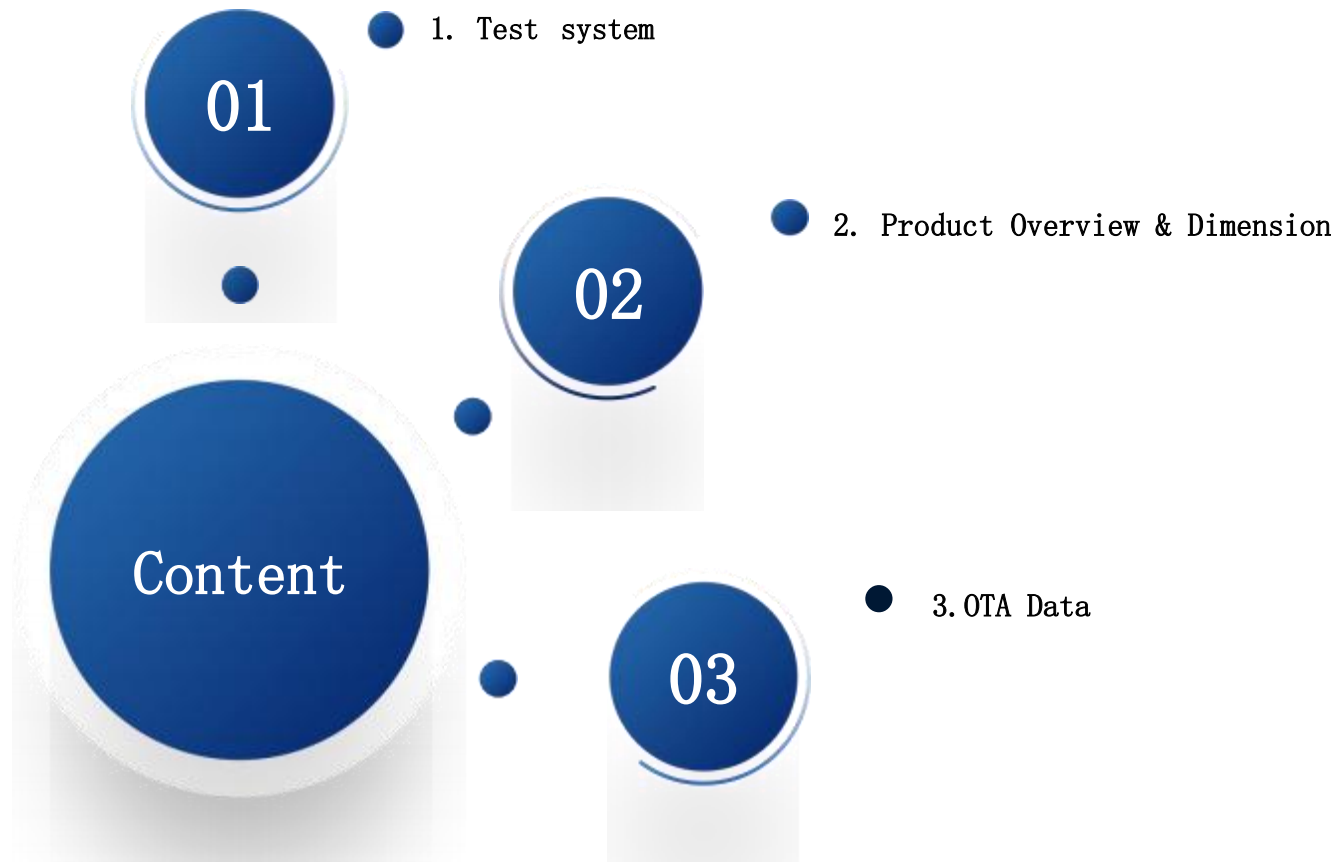


深圳合翊讯科技有限公司
Shenzhen Heyixun Technology Co., Ltd.

Customer	潮汐
Project	T2403
Antenna Revision	A2
Prepared by	17550061372
Checked by	15993920520
Antenna manufacturer's address	No. 1905, 2nd Building, Yangji Jiufang Plaza, Tiezai Road, Bao'an District, Shenzhen City, Guangdong Province
Date	2025. 08. 27

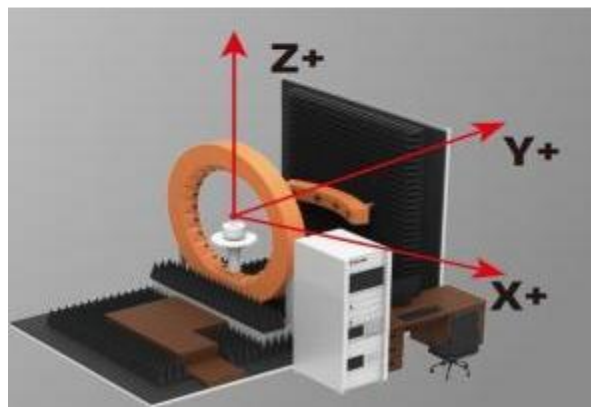
Purpose

This report is to measure the performance of antenna for **T2403** The antenna operating frequency at 2400-2500MHz All test data are showed as below.



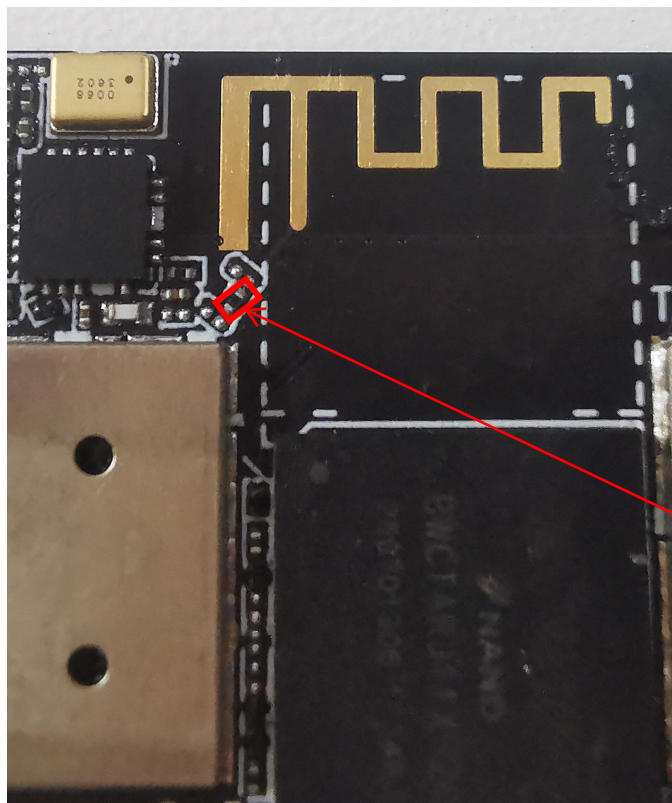
1.TestSystem

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

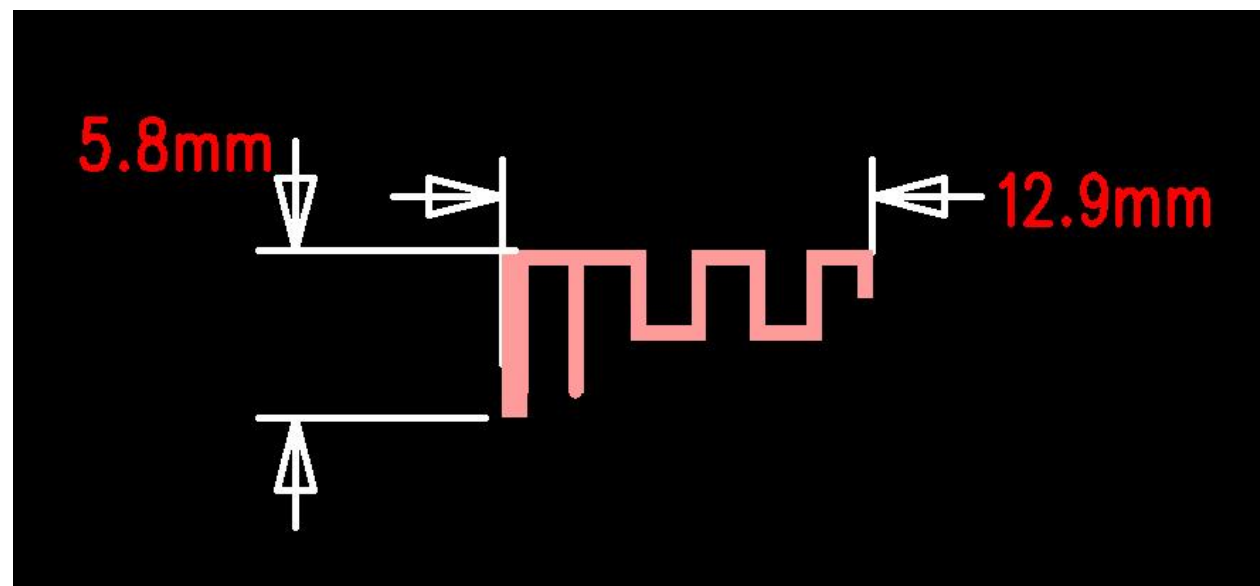


2.Product Overview & Dimension





0Ω

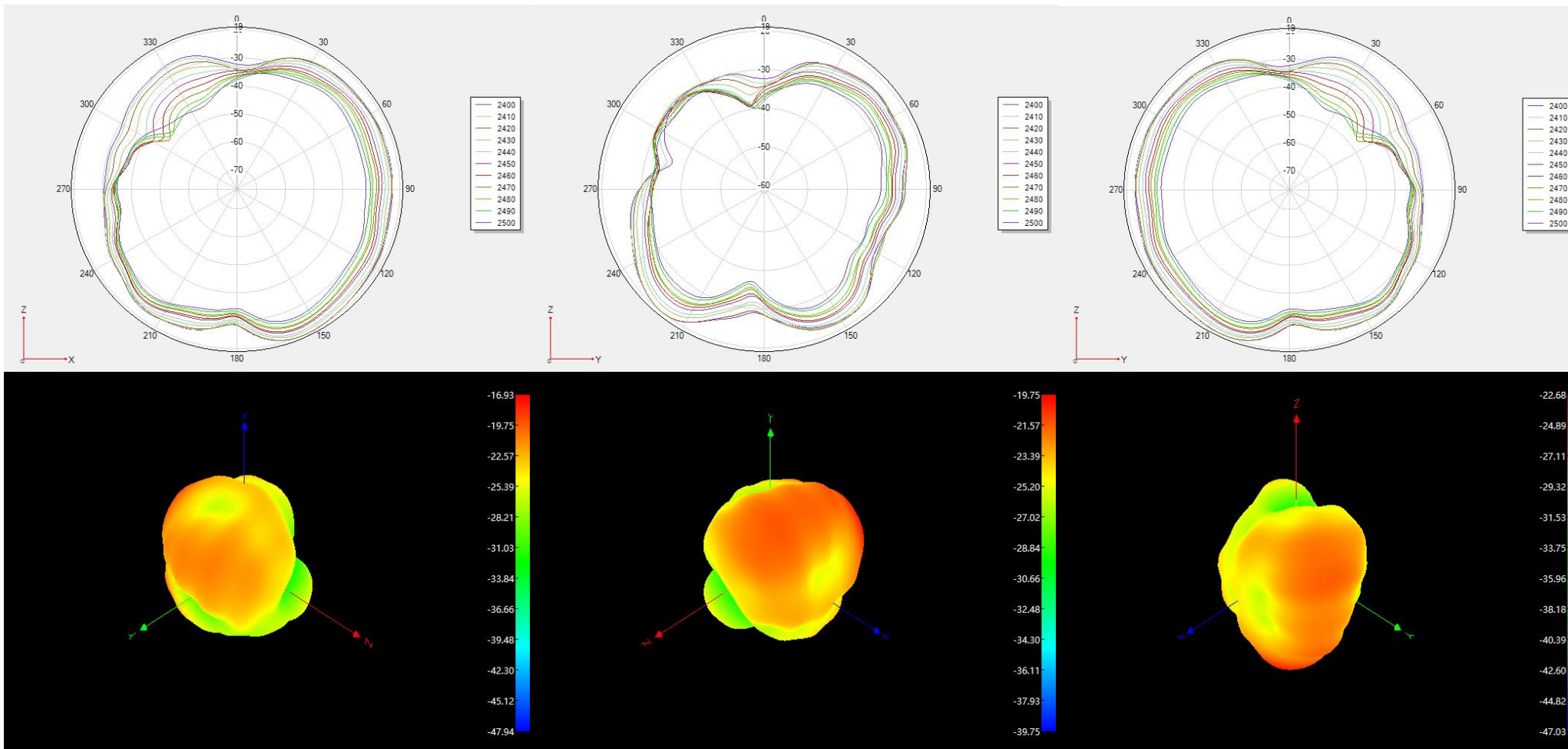


3. Test Result

Frequency (MHz)	Efficiency (%)	Max GAIN (dBi)
2400	0.54	-16.93
2410	0.51	-17.4
2420	0.47	-17.71
2430	0.41	-18.84
2440	0.35	-19.75
2450	0.3	-20.85
2460	0.25	-21.16
2470	0.21	-22.37
2480	0.18	-22.68

3. Test Result

3.1 2D Pattern——BTANT



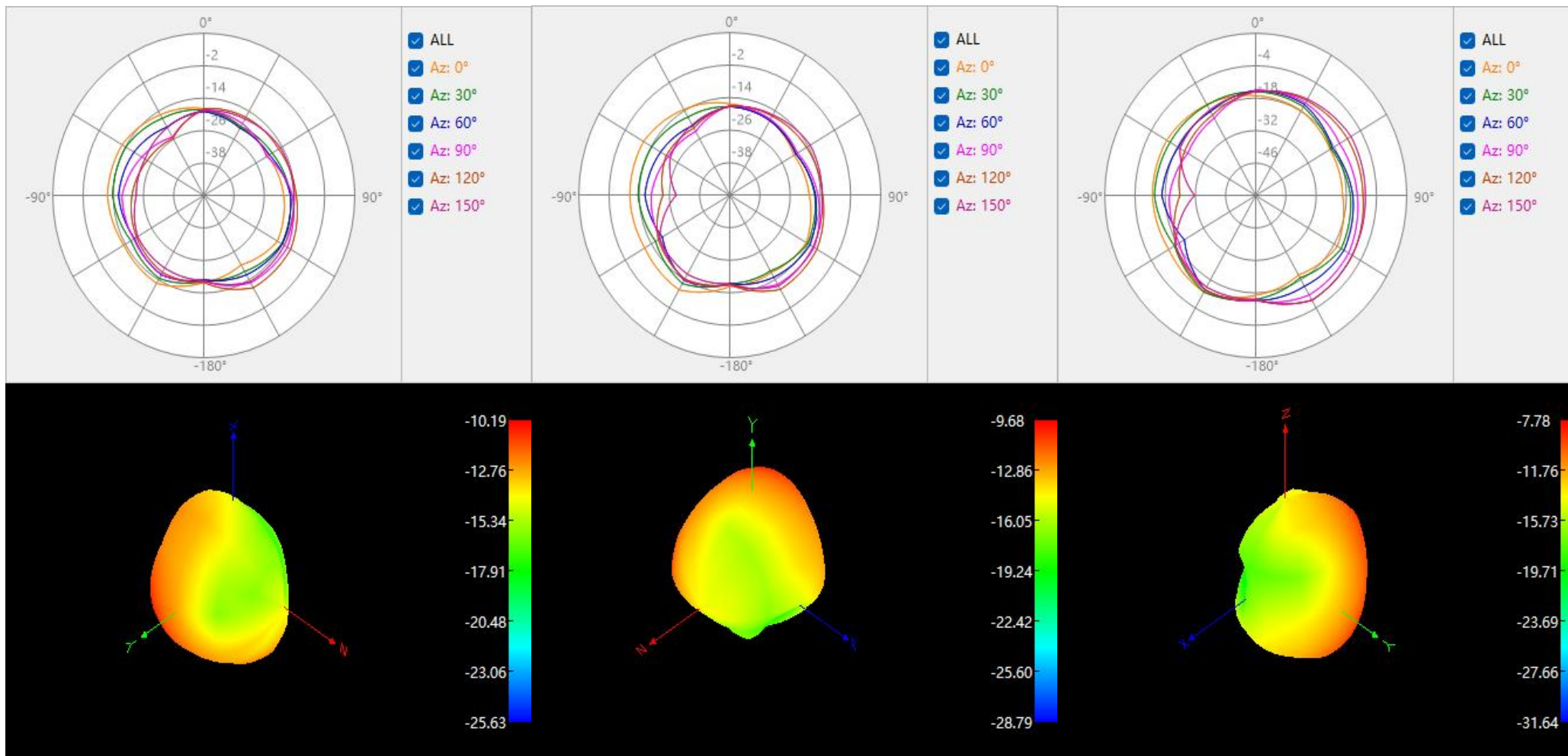
4.OTA Data

Test Equipment:	R&S CMW500		
Test Condition:	3D chamber		
Band	Channel	TRP(dBm)	TIS(dBm)
BR	0	-15.02	-72.8
	39	-14.08	-73.56
	78	-12.95	-74.04

3. Test Result

L-TRP

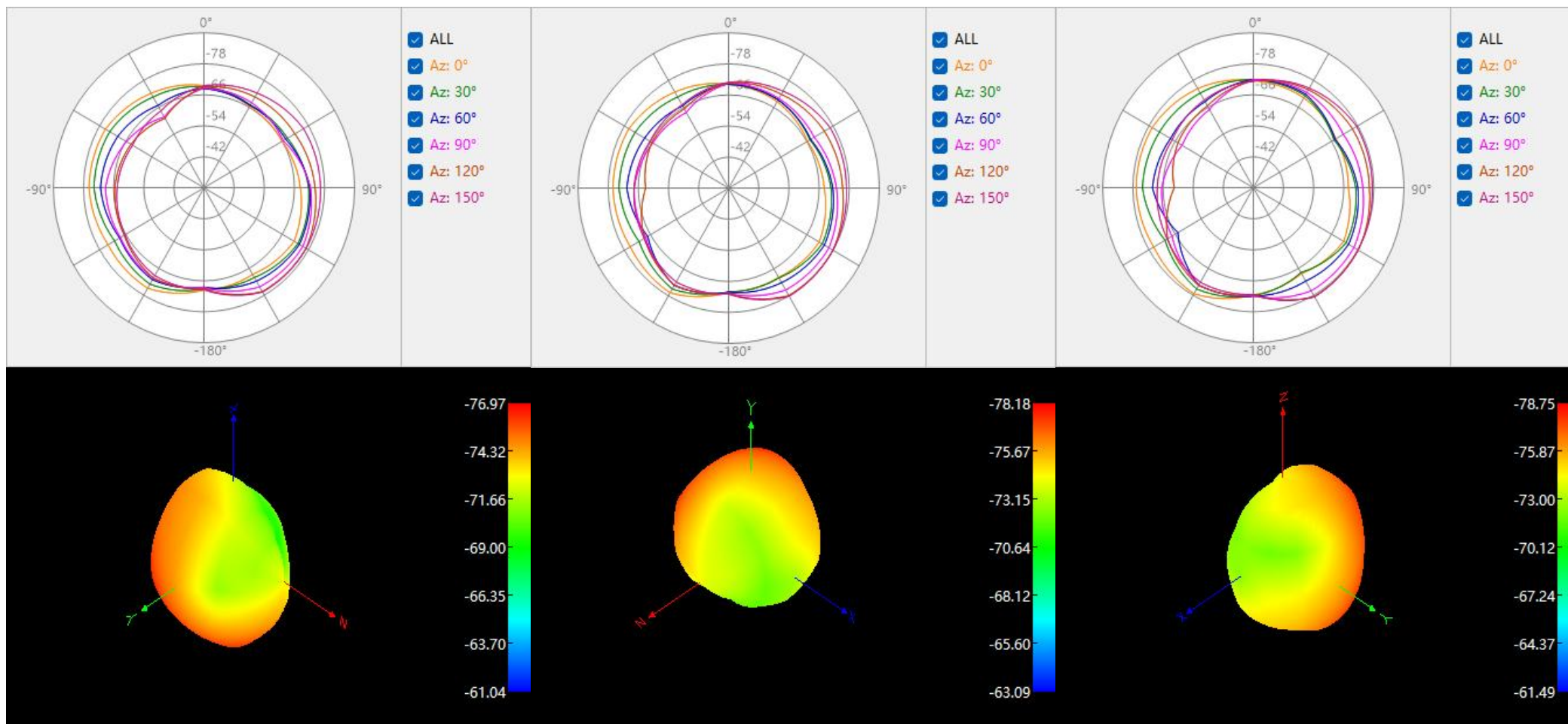
3.1 2D 3D Pattern——BTANT



3. Test Result

L-TIS

3.1 2D 3D Pattern——BTANT



WORK REPORT

谢谢观看