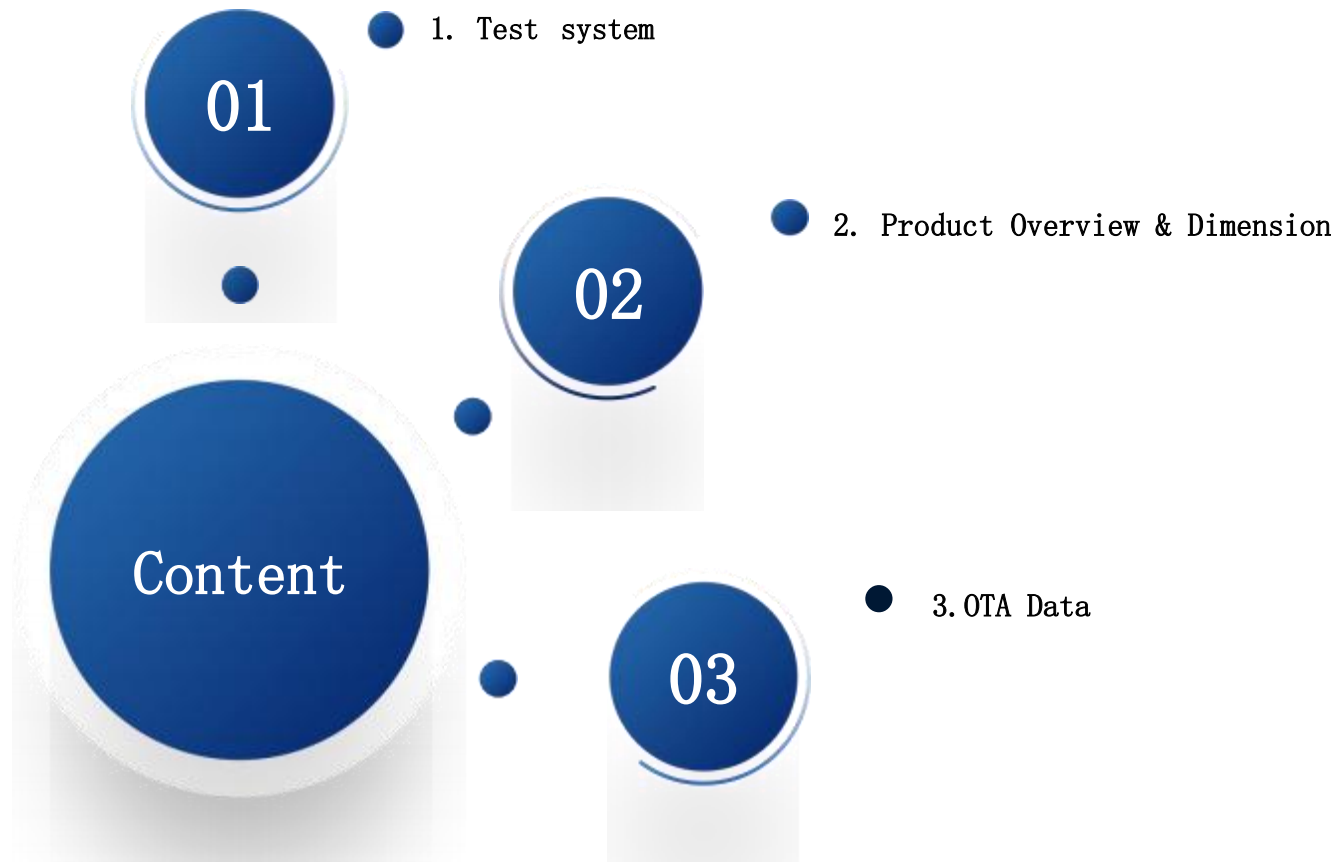




Customer	潮汐
Project	T2403
Antenna Revision	A1
Prepared by	17550061372
Checked by	15993920520
Date	2025. 03. 24

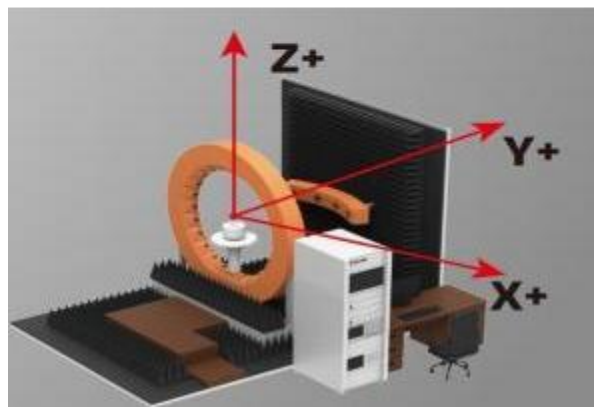
Purpose

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.



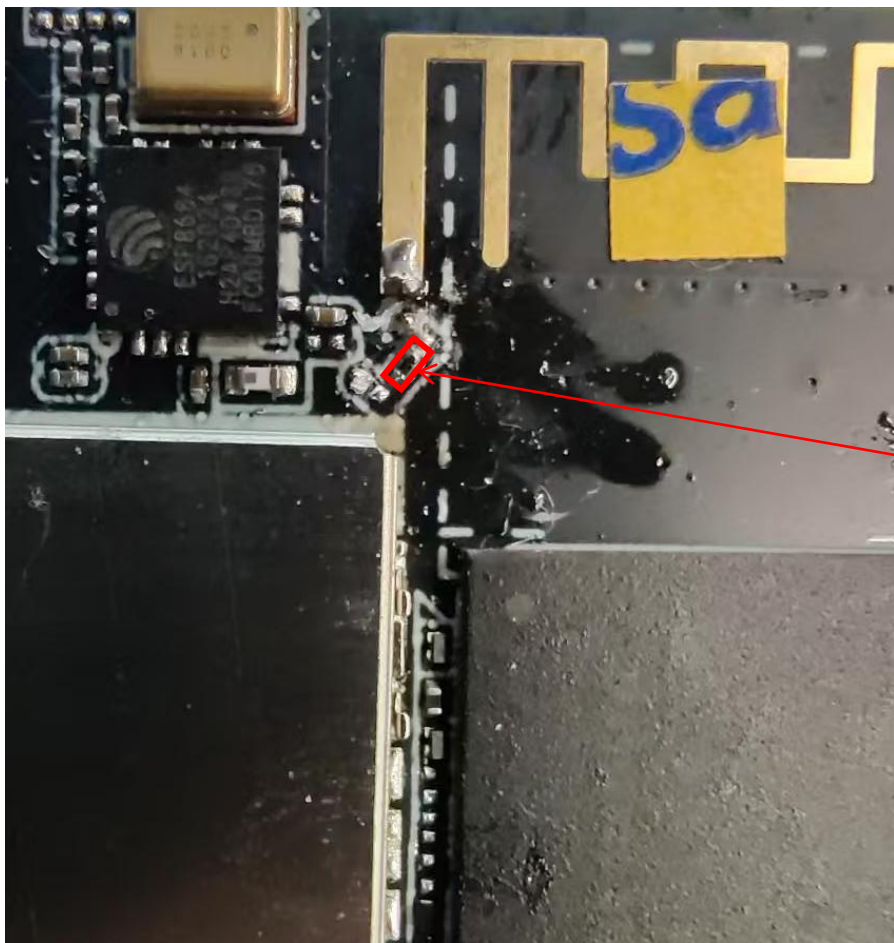
1.TestSystem

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





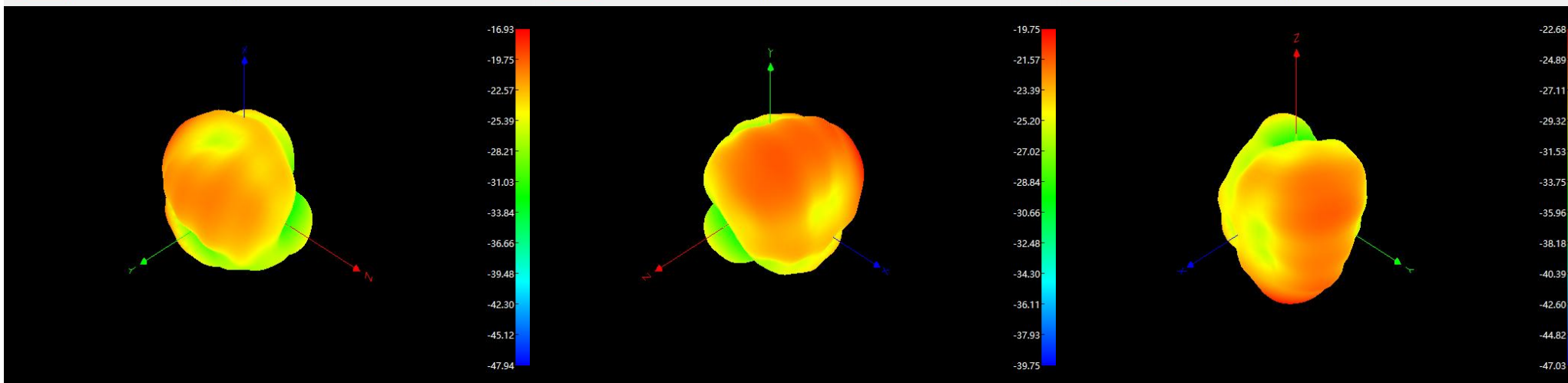
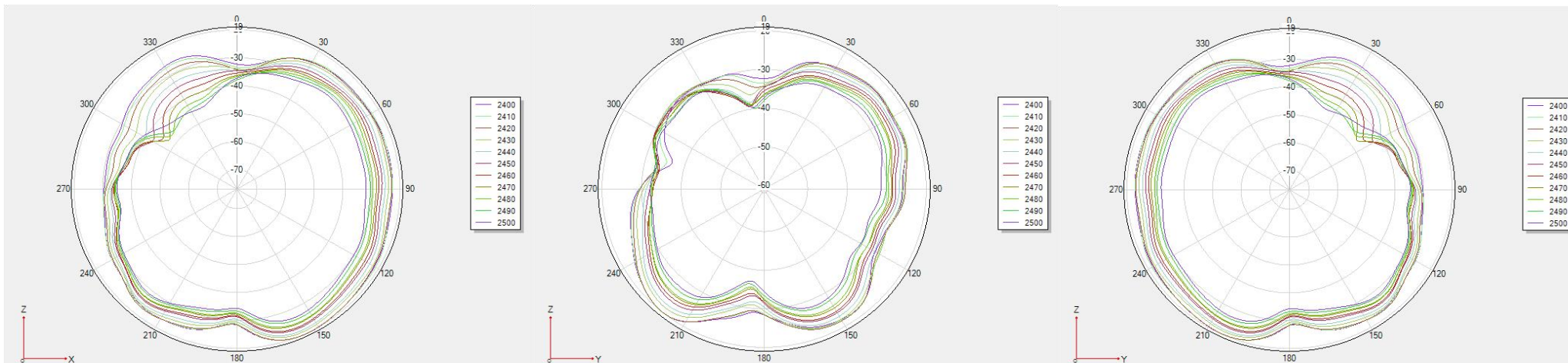
0Ω

3. Test Result

Frequency (MHz)	Max GAIN (dBi)	Efficiency (%)
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



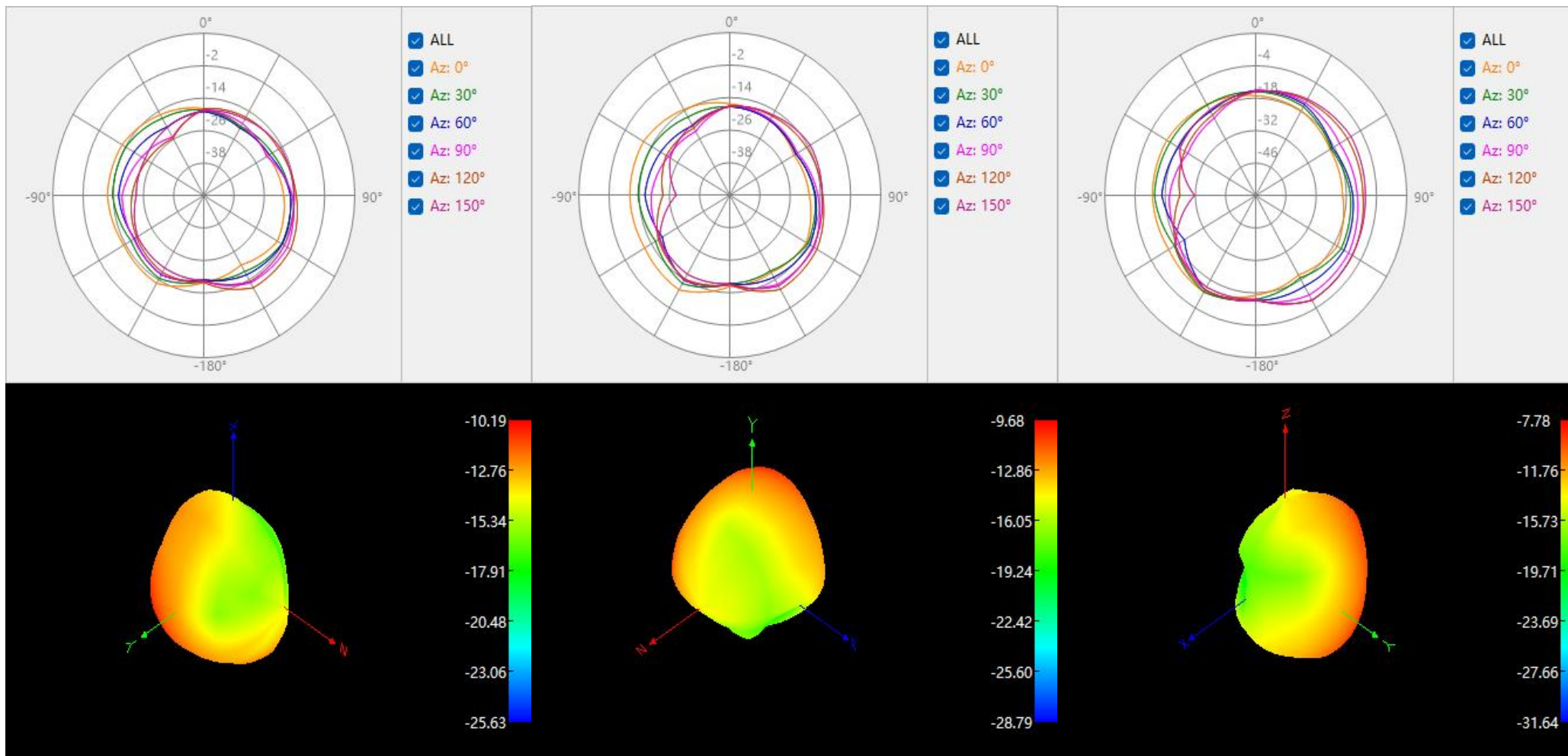
4.OTA Data

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

3. Test Result

L-TRP

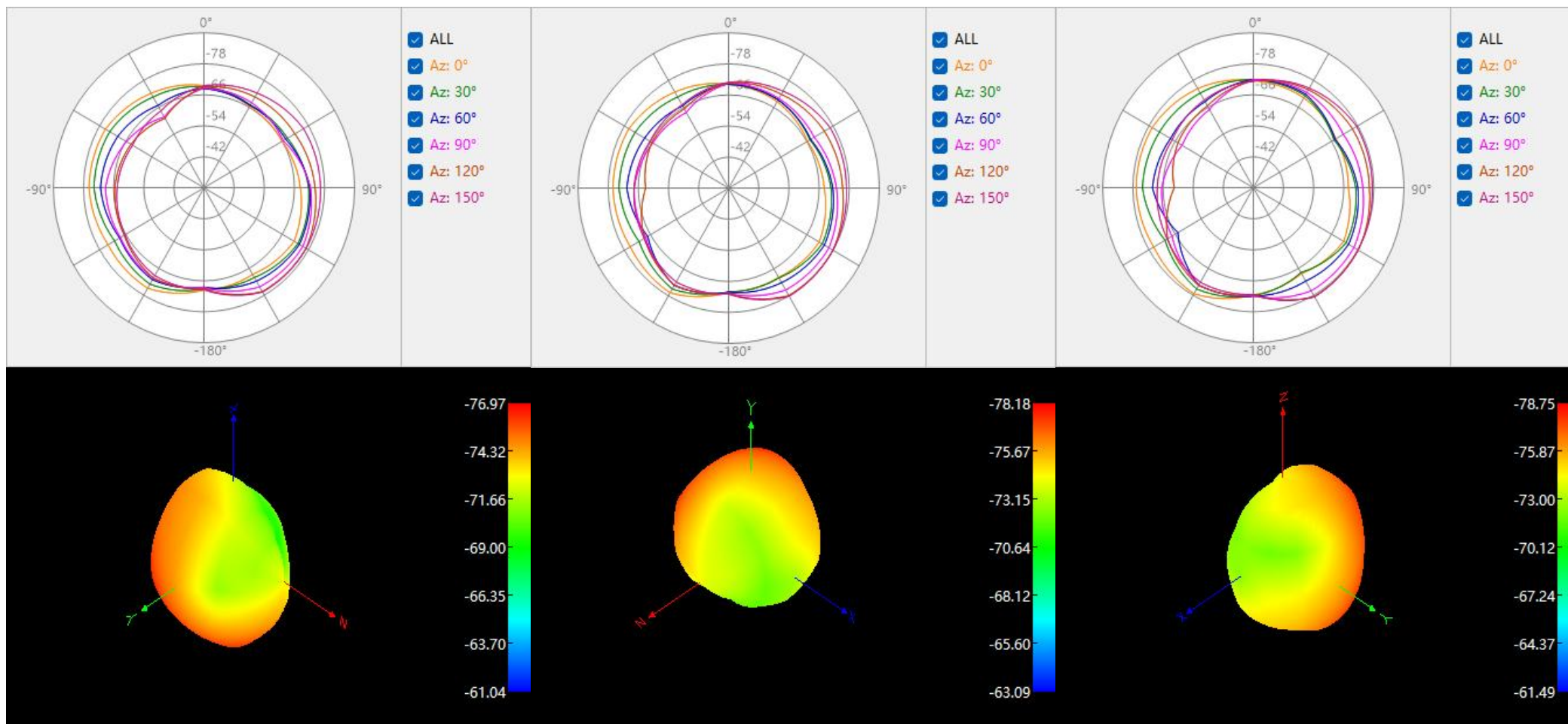
3.1 2D 3D Pattern——BTANT



3. Test Result

L-TIS

3.1 2D 3D Pattern——BTANT



WORK REPORT

谢谢观看