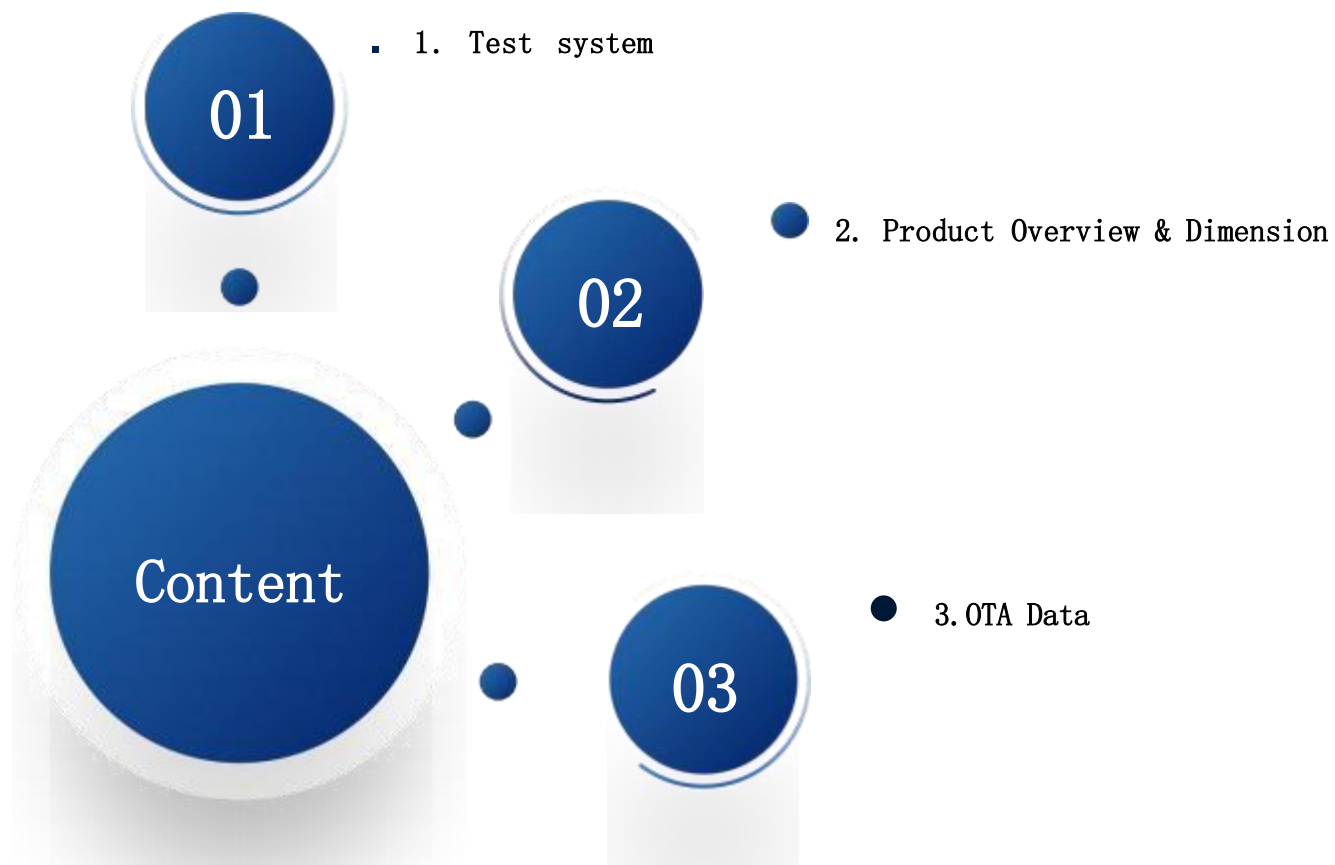




Customer	TIDE
Project	T2403
Antenna Revision	A0
Prepared by	17550061372
Checked by	15993920520
Date	2025. 3. 6

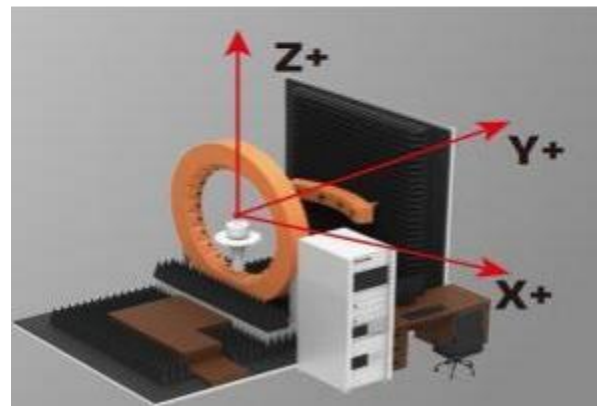
Purpose

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.

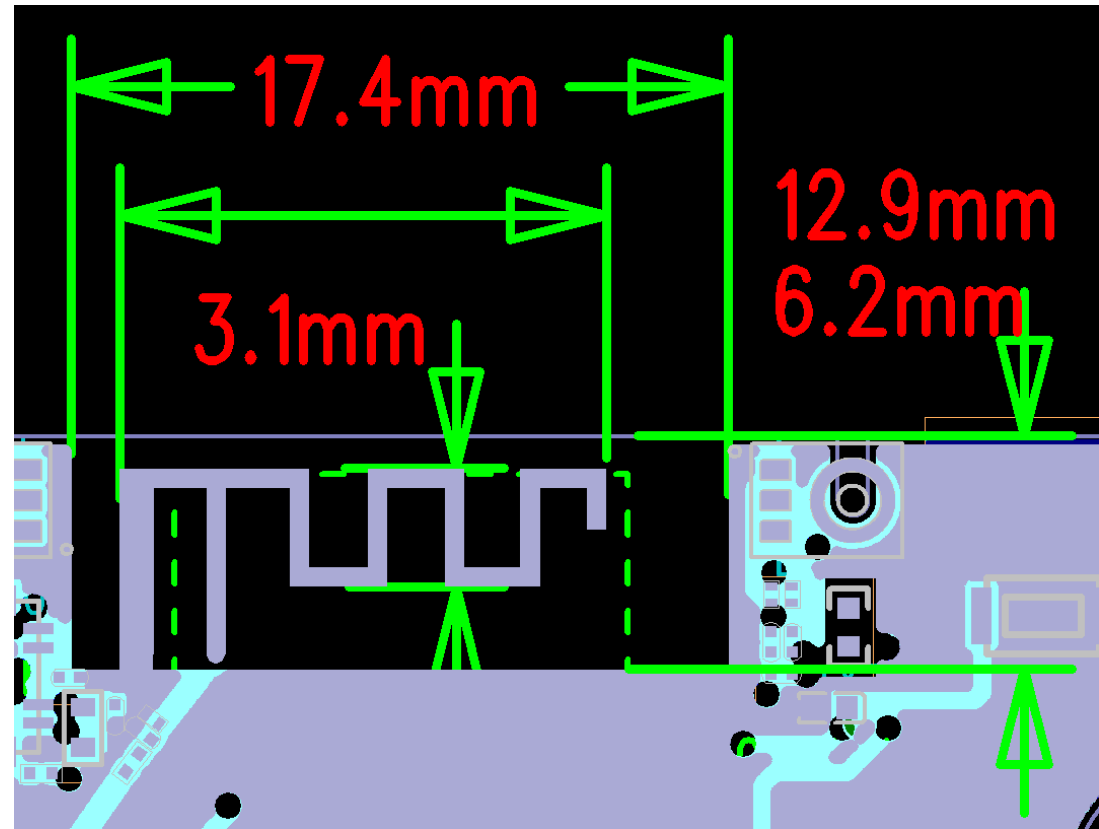


1.TestSystem

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

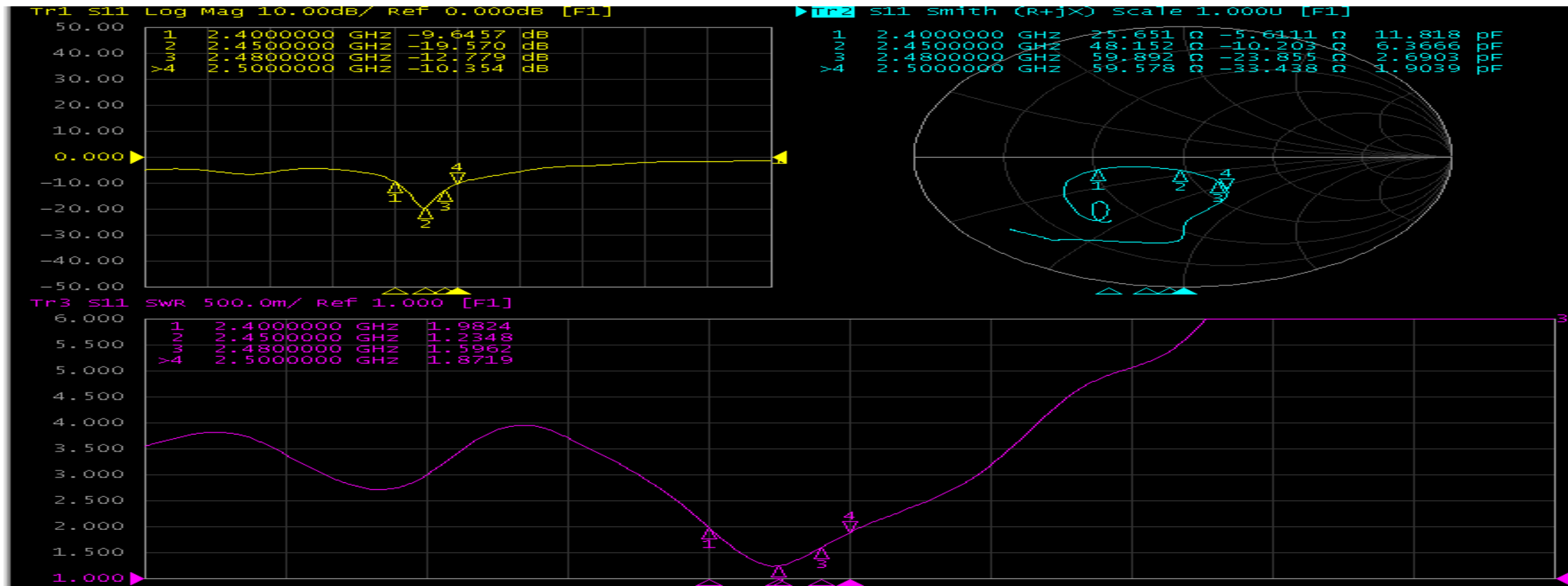


2.Product Overview & Dimension



2. Test Result VSWR&Log Mag&Smith(Ω)

R



Frequency (MHz)	2400	2450	2480	2500
Log Mag	-9.64	-19.57	-12.77	-10.35
Smith(Ω)	25.65	48.15	59.89	59.57
VSWR	1.98	1.23	1.59	1.87

3. Test Result

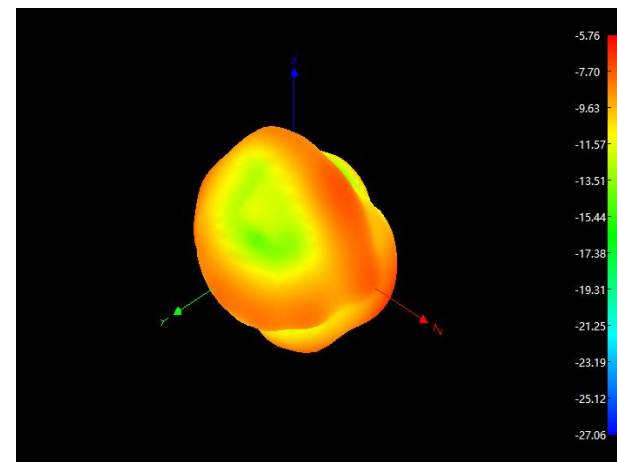
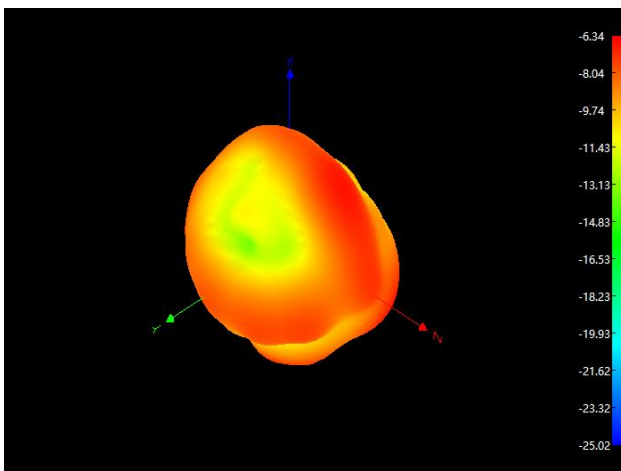
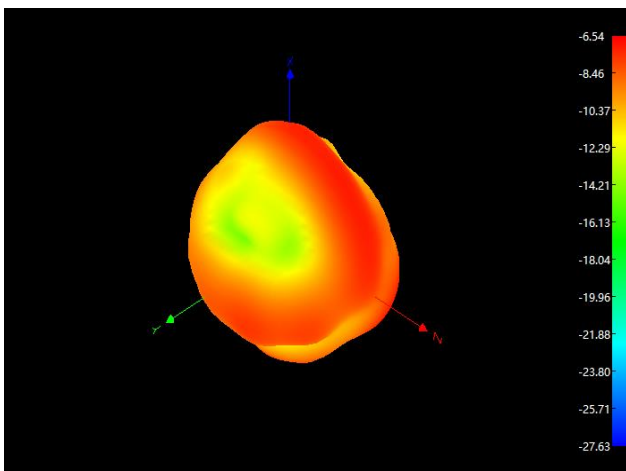
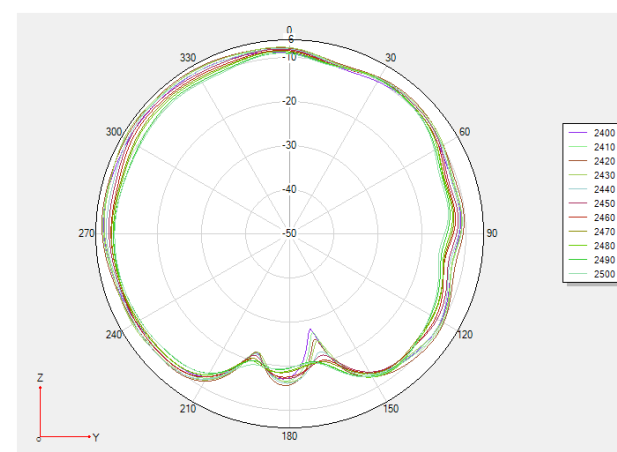
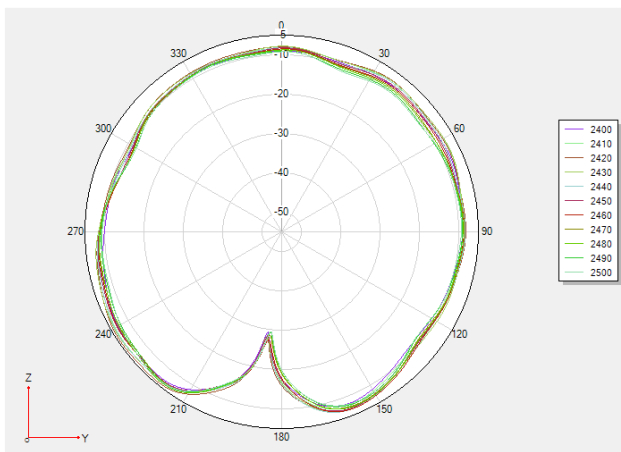
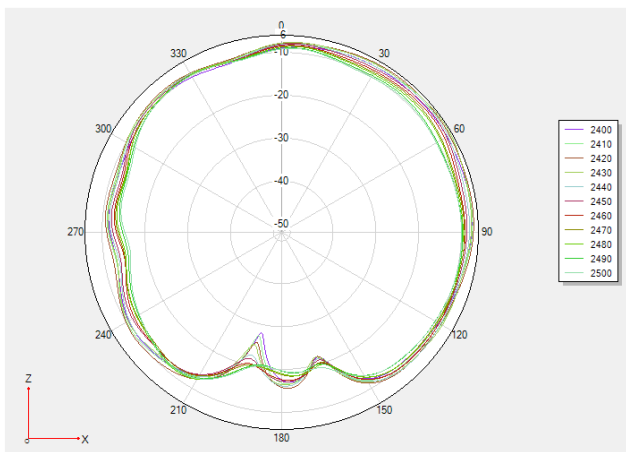
R

Frequency (MHz)	Efficiency (%)	Max GAIN (dBi)
2400	11.48	-6.54
2410	12.22	-5.82
2420	12.88	-5.31
2430	13	-5.71
2440	13.34	-5.83
2450	13.18	-6.34
2460	12.68	-6.16
2470	12.02	-6.29
2480	11.56	-5.76
2490	11.02	-6.08
2500	10.64	-5.93

3. Test Result

3.1 2D Pattern—BTANT

R



3.OTA Data

Test Equipment:	R&S CMW500		
Test Condition:	3D chamber		
Band	Channel	TRP(dBm)	TIS(dBm)
BLE	0 (2402MHZ)	-8.56	-80.07
	39 (2441MHZ)	-7.62	-79.21
	78 (2480MHZ)	-7.19	-79.32

WORK REPORT

谢谢观看