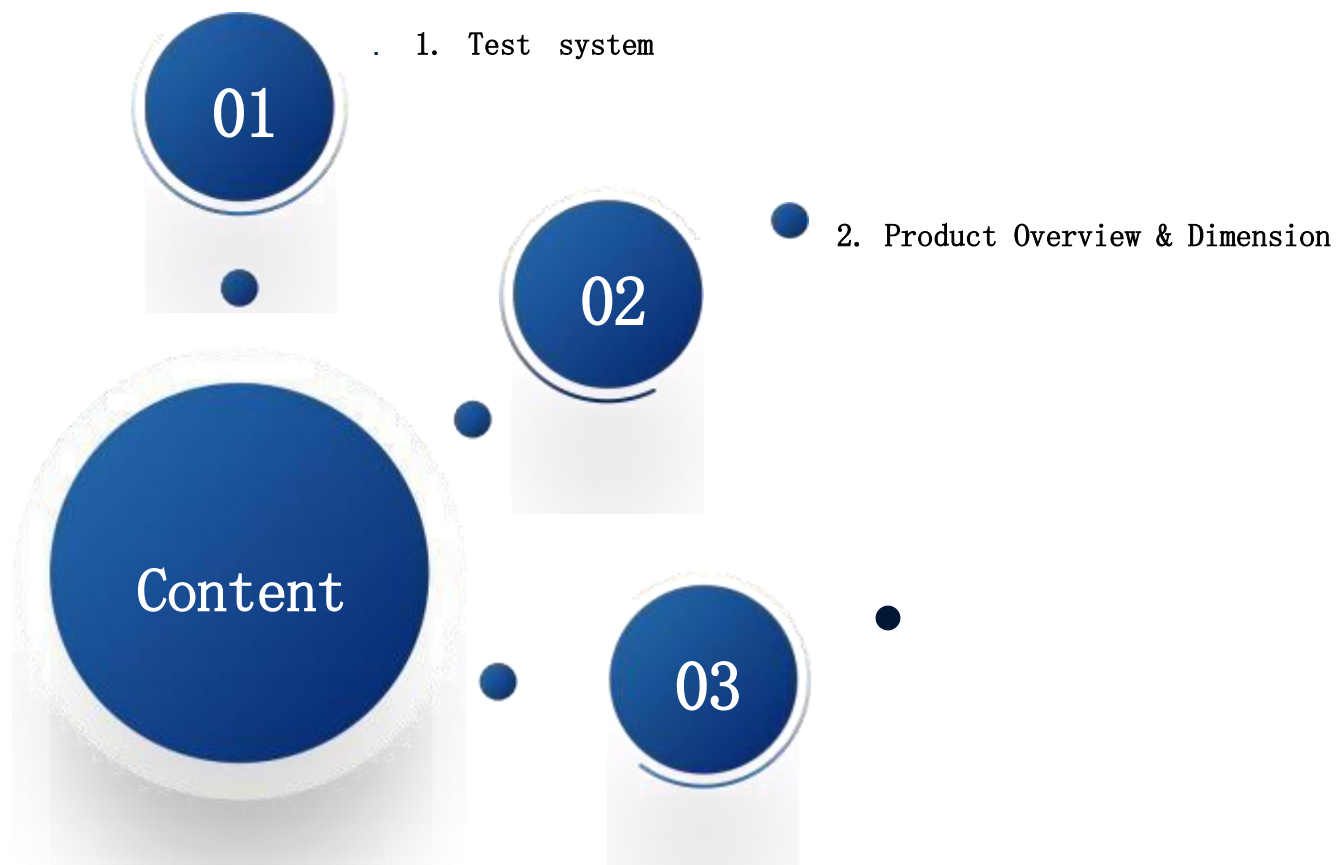




Customer	志泽
Project	CM918
Antenna Revision	A0
Prepared by	15993920520
Checked by	17279710721
Date	2025-4-29

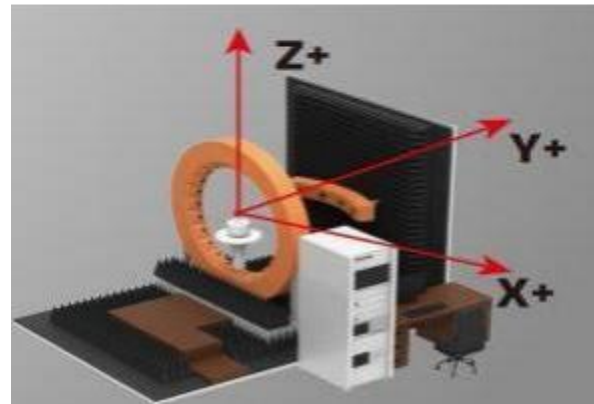
Purpose

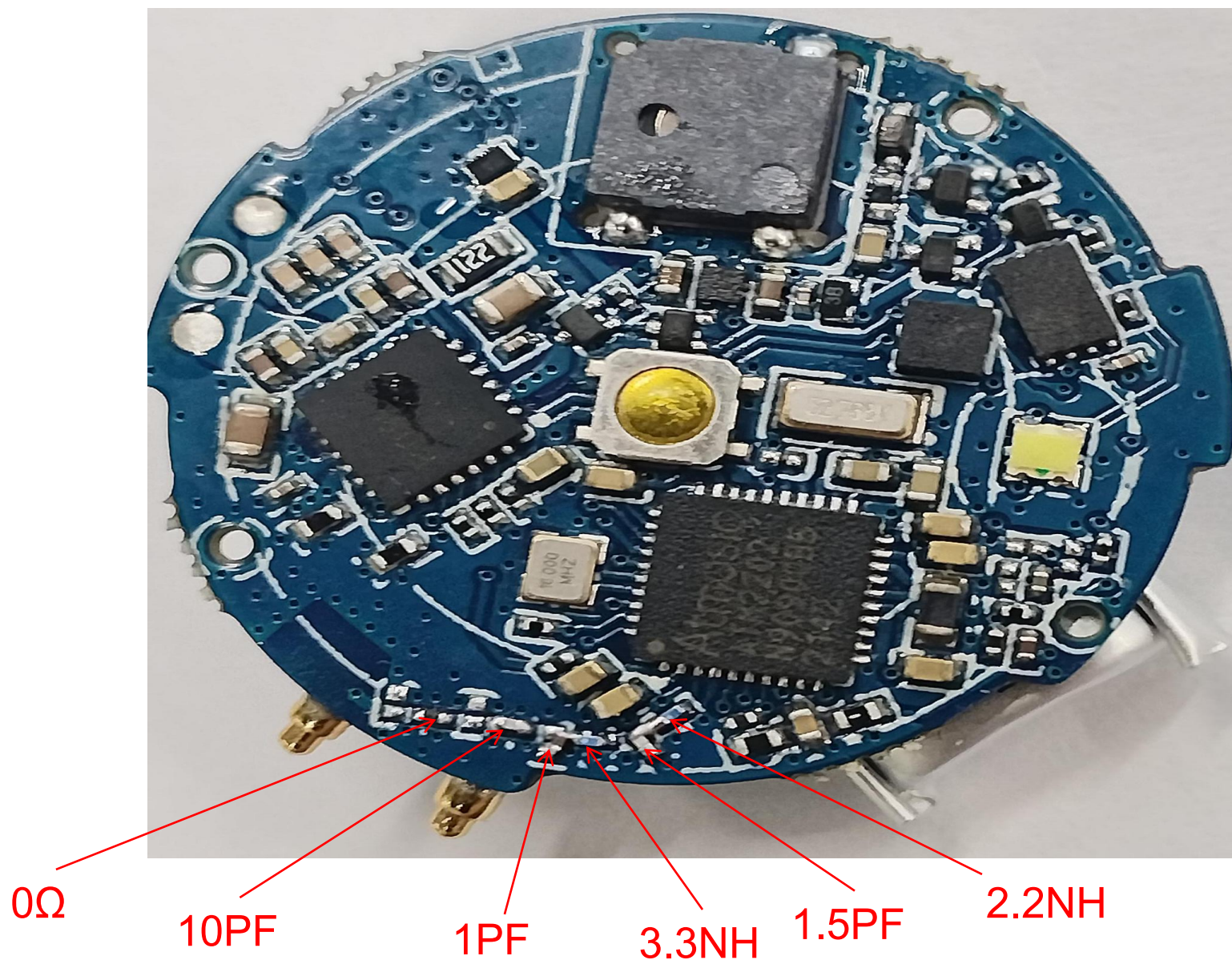
This report is to measure the performance of antenna for CM918 The antenna operating frequency at 2400-2500MHz All test data are showed as below.



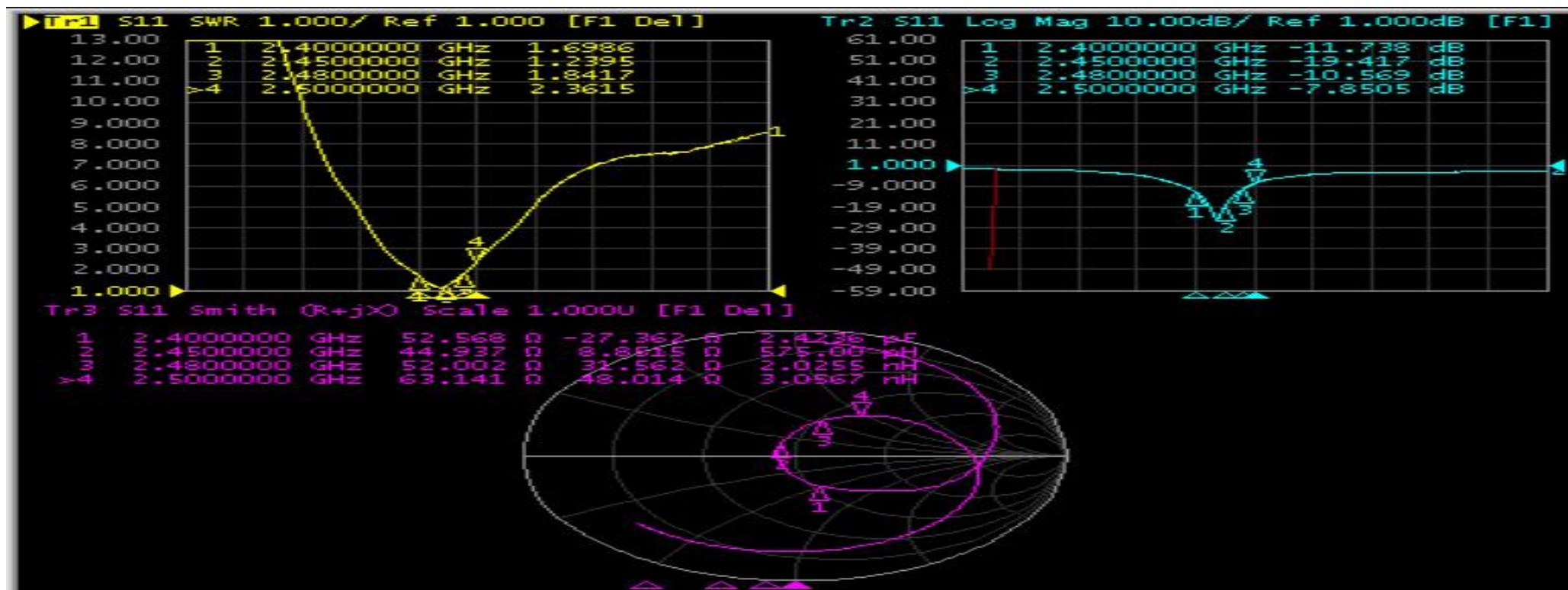
1.TestSystem

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





2.1 Test Result VSWR&Log Mag&Smith(Ω)



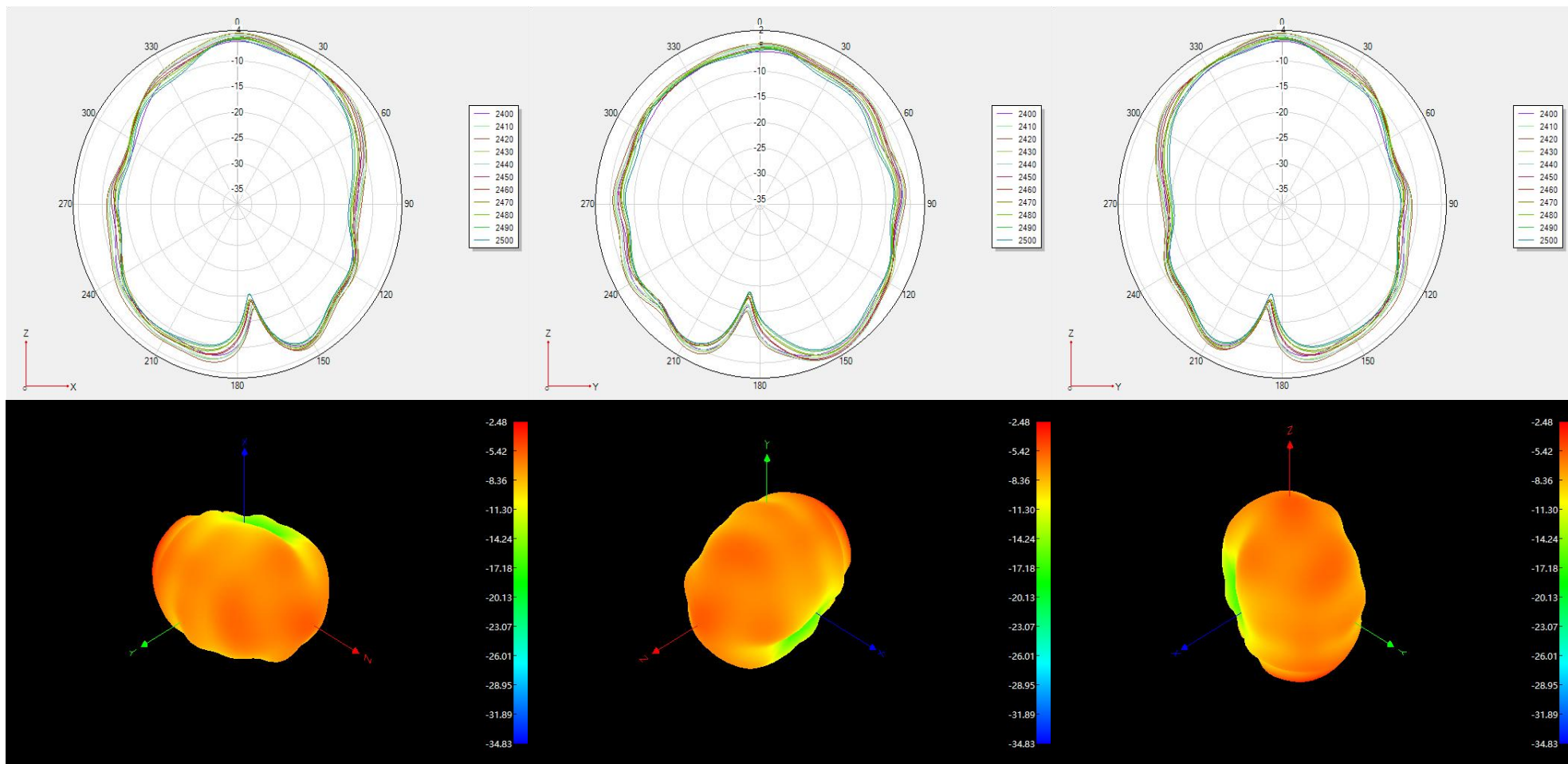
Frequency (MHz)	2400	2450	2480	2500
Log Mag	-11.73	-19.41	-10.56	-7.85
Smith(Ω)	52.56	44.93	52.00	63.14
VSWR	1.69	1.23	1.84	2.36

2.2 Test Result

Frequency (MHz)	Efficiency (%)	Max GAIN (dBi)
2400	20.56	-2.61
2410	22.03	-2.02
2420	23.82	-1.29
2430	24.32	-1.45
2440	25.06	-1.23
2450	24.95	-1.48
2460	23.99	-1.29
2470	22.54	-2.04
2480	21.73	-1.98
2490	20.37	-2.71
2500	20.19	-2.04

2.3 Test Result

2.3 2D Pattern——BTANT



WORK REPORT

谢谢观看