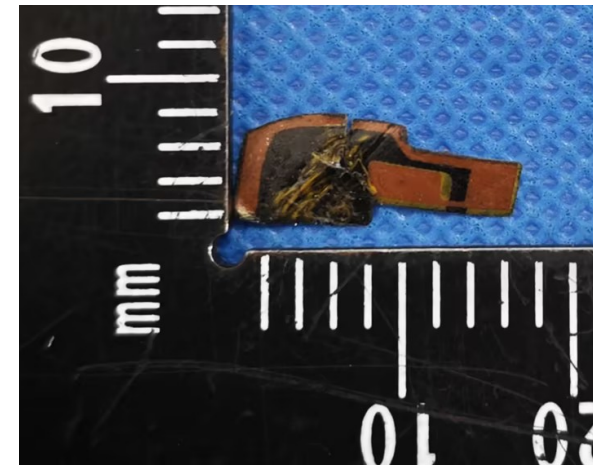
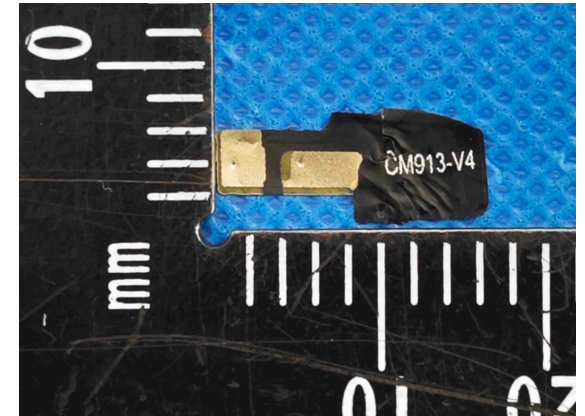
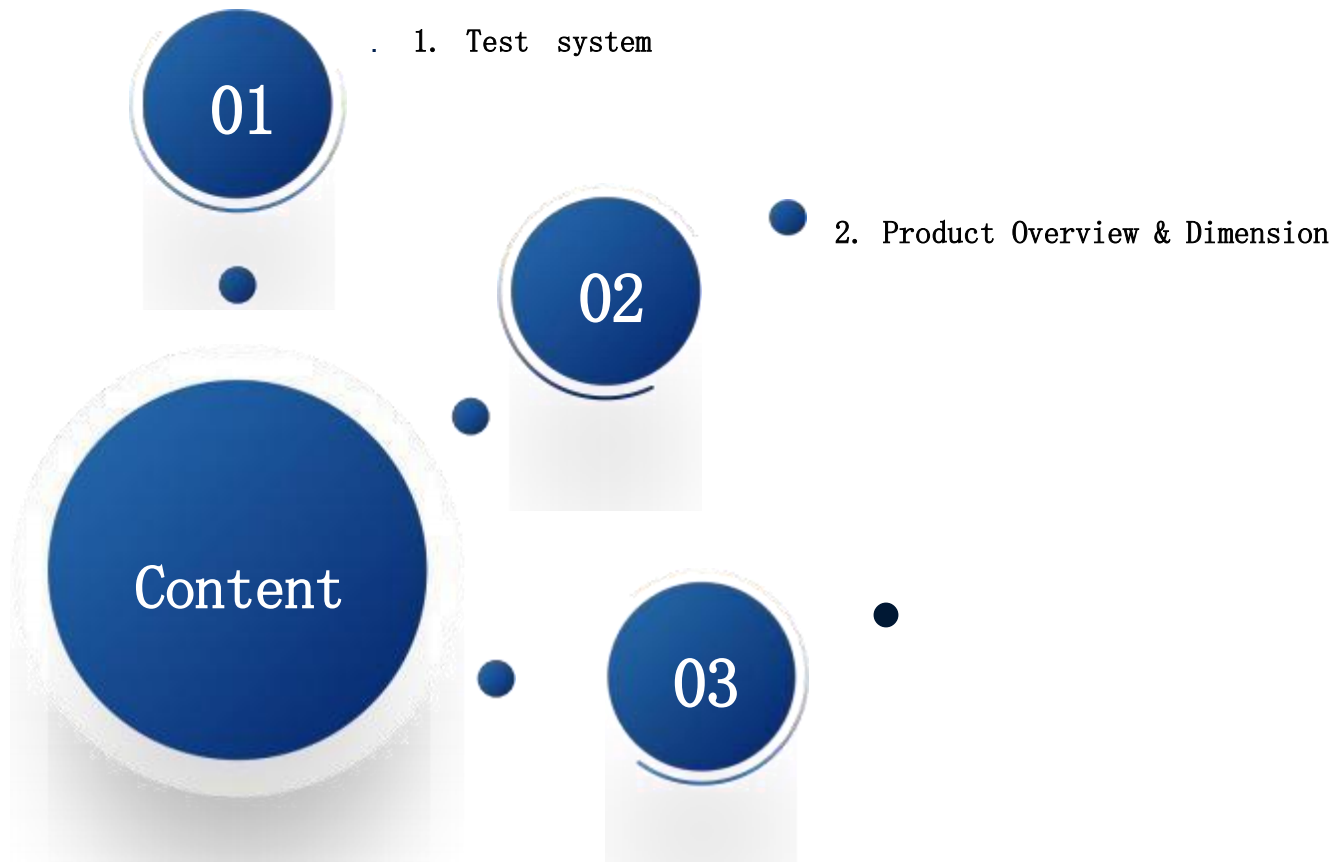




Customer	志泽
Project	CM913
Antenna Revision	A0
Prepared by	15993920520
Checked by	17279710721
Date	2025-10-29

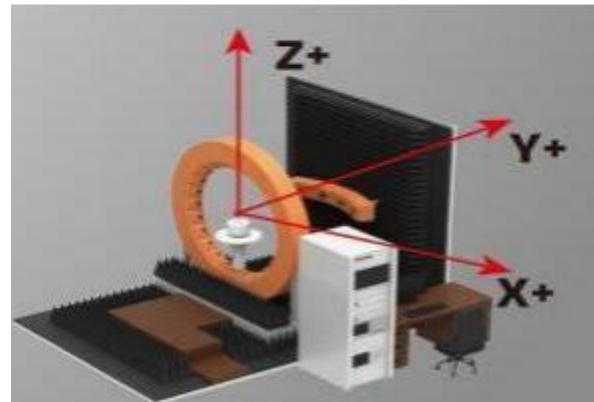
Purpose

This report is to measure the performance of antenna for CM913 The antenna operating frequency at 2400-2500MHz All test data are showed as below.

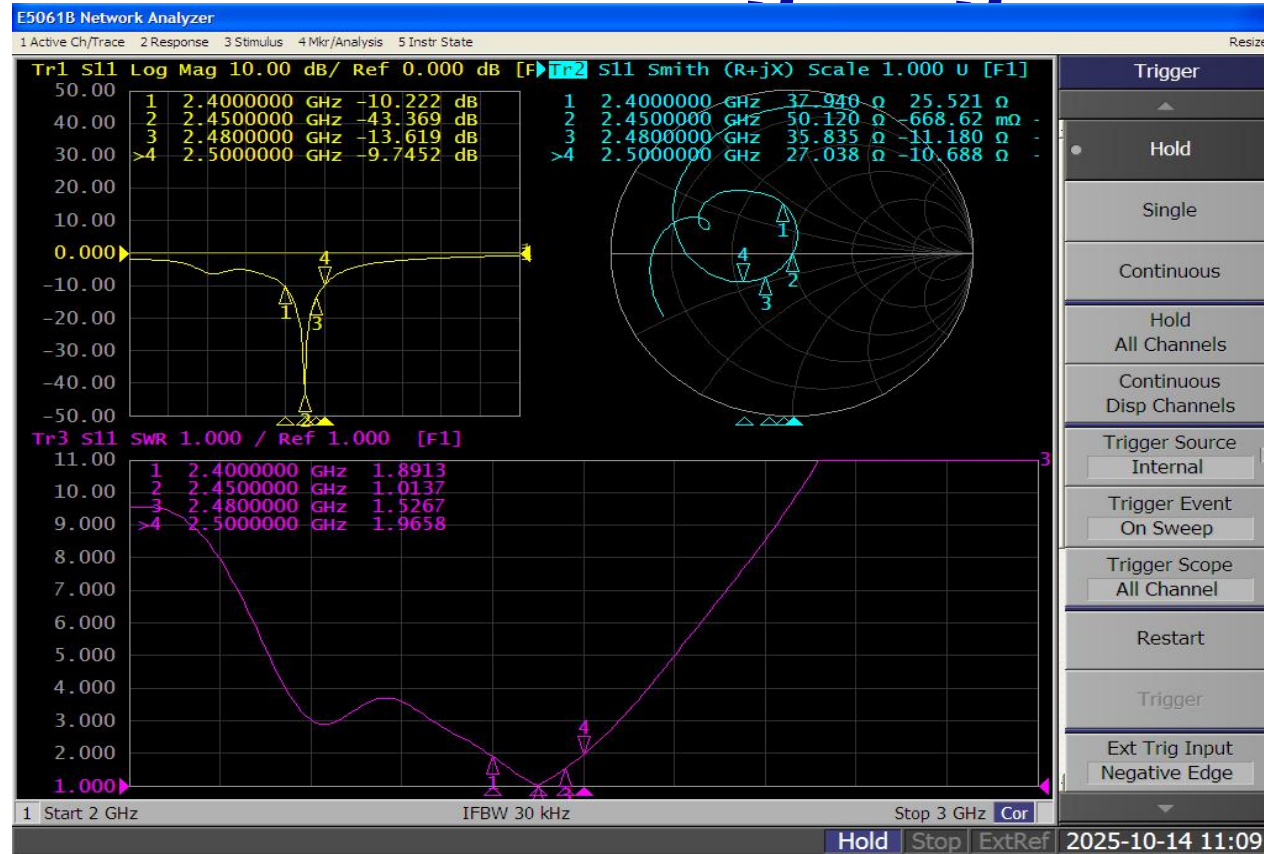


1. Test System

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)



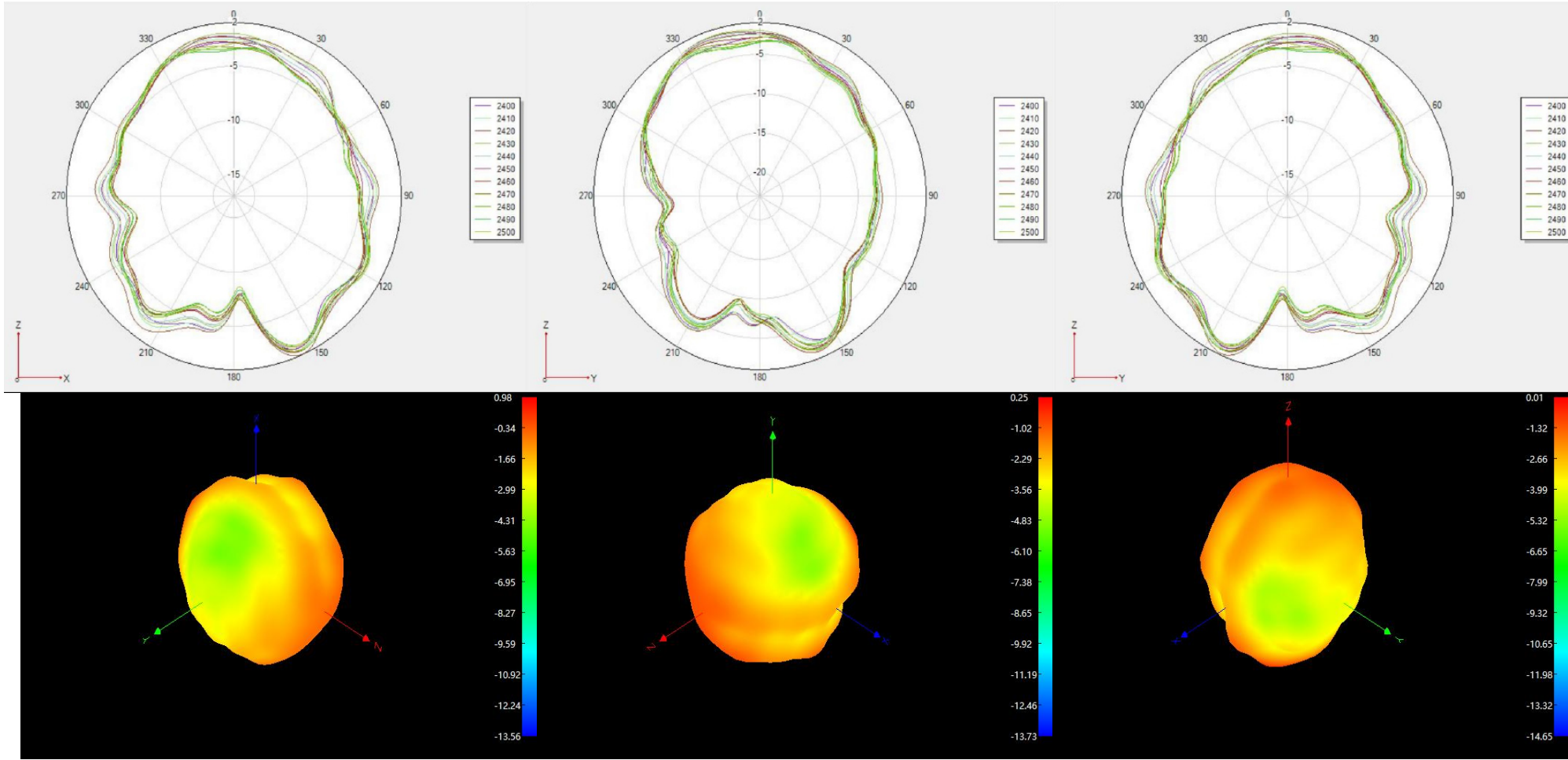
Frequency (MHz)	2400	2450	2480	2500
Log Mag	-10.22	-43.36	-13.61	-9.74
Smith(Ω)	37.94	50.12	35.83	27.03
VSWR	1.89	1.01	1.52	1.96

2.2 Test Result

Frequency (MHz)	Efficiency (%)	Max GAIN (dBi)
2400	42.17	1.08
2410	42.36	1.26
2420	43.65	1.55
2430	43.55	1.33
2440	44.67	0.98
2450	44.98	0.25
2460	44.16	0.32
2470	43.05	-0.29
2480	42.95	0.01
2490	42.17	1.08
2500	42.36	1.26

2.3 Test Result

2.3 2D Pattern——BTANT



WORK REPORT

谢谢观看