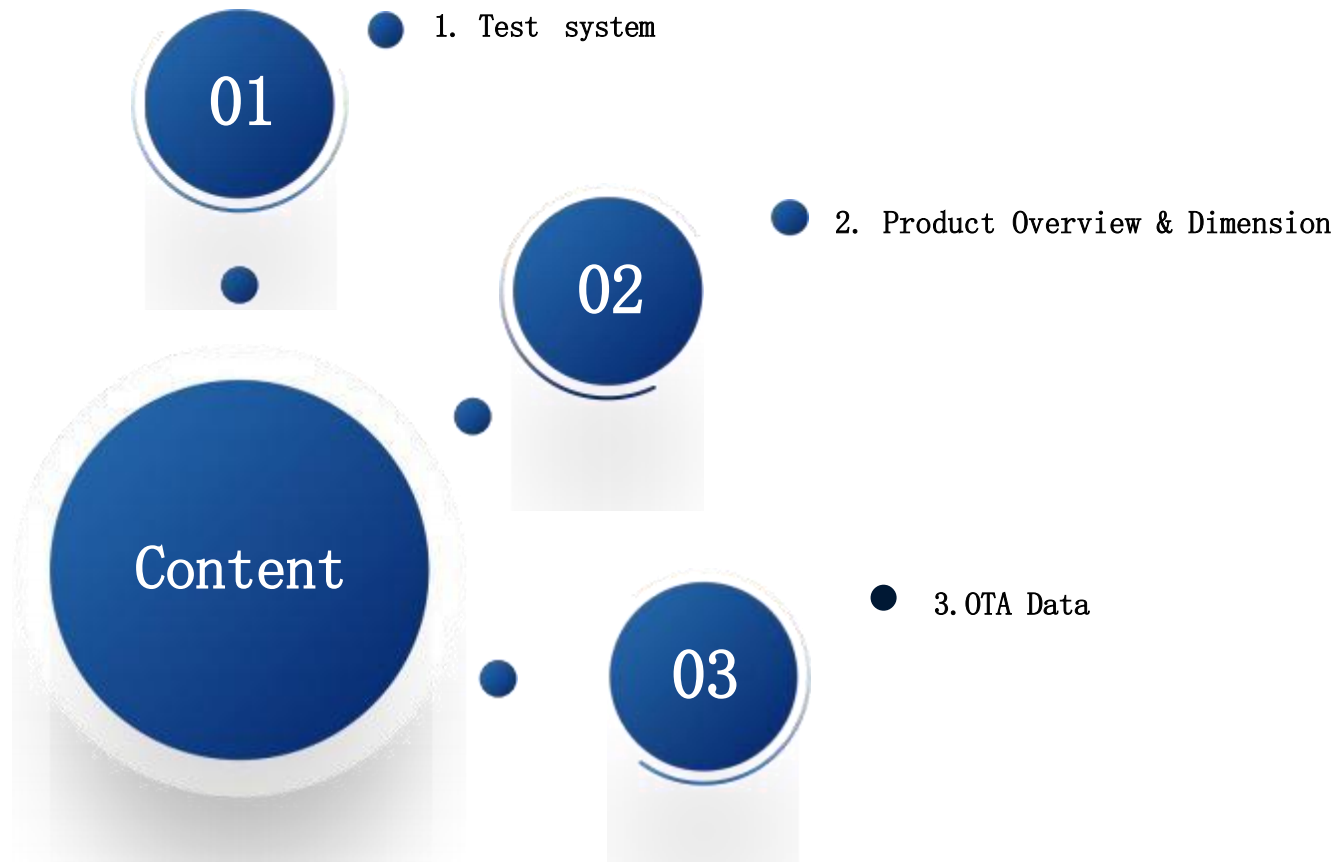




Type of Antenna	FPCB Antenna
Project	A92
Antenna Revision	A1
Prepared by	15993920520
Checked by	17279710721
Date	2025. 4. 1

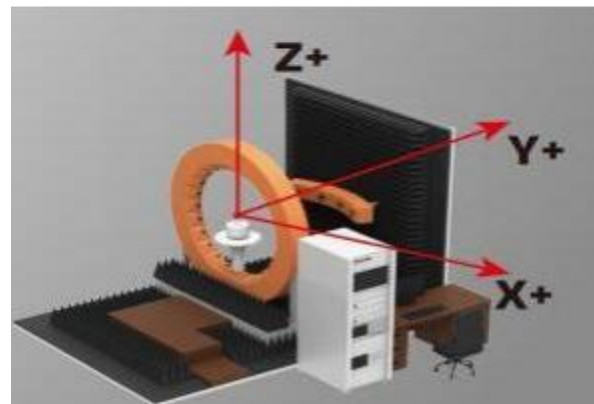
Purpose

This report is to measure the performance of antenna for **A92** The antenna operating frequency at 2400-2500MHz All test data are showed as below.

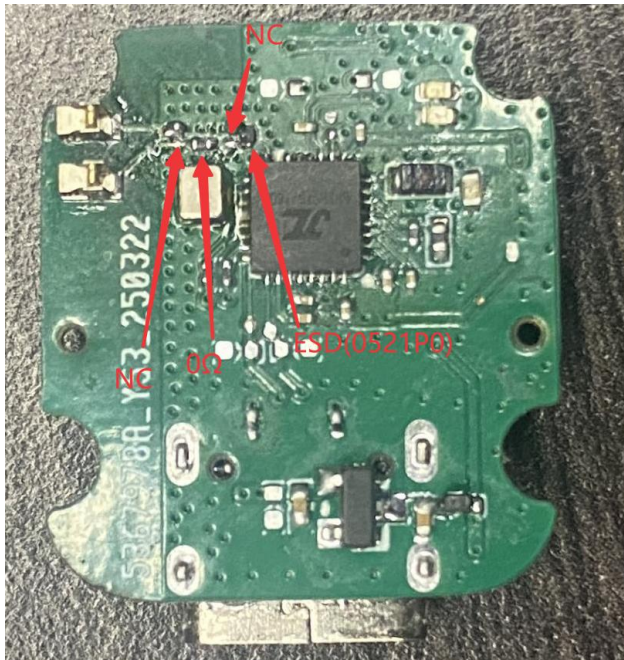


1.TestSystem

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



Match circuit

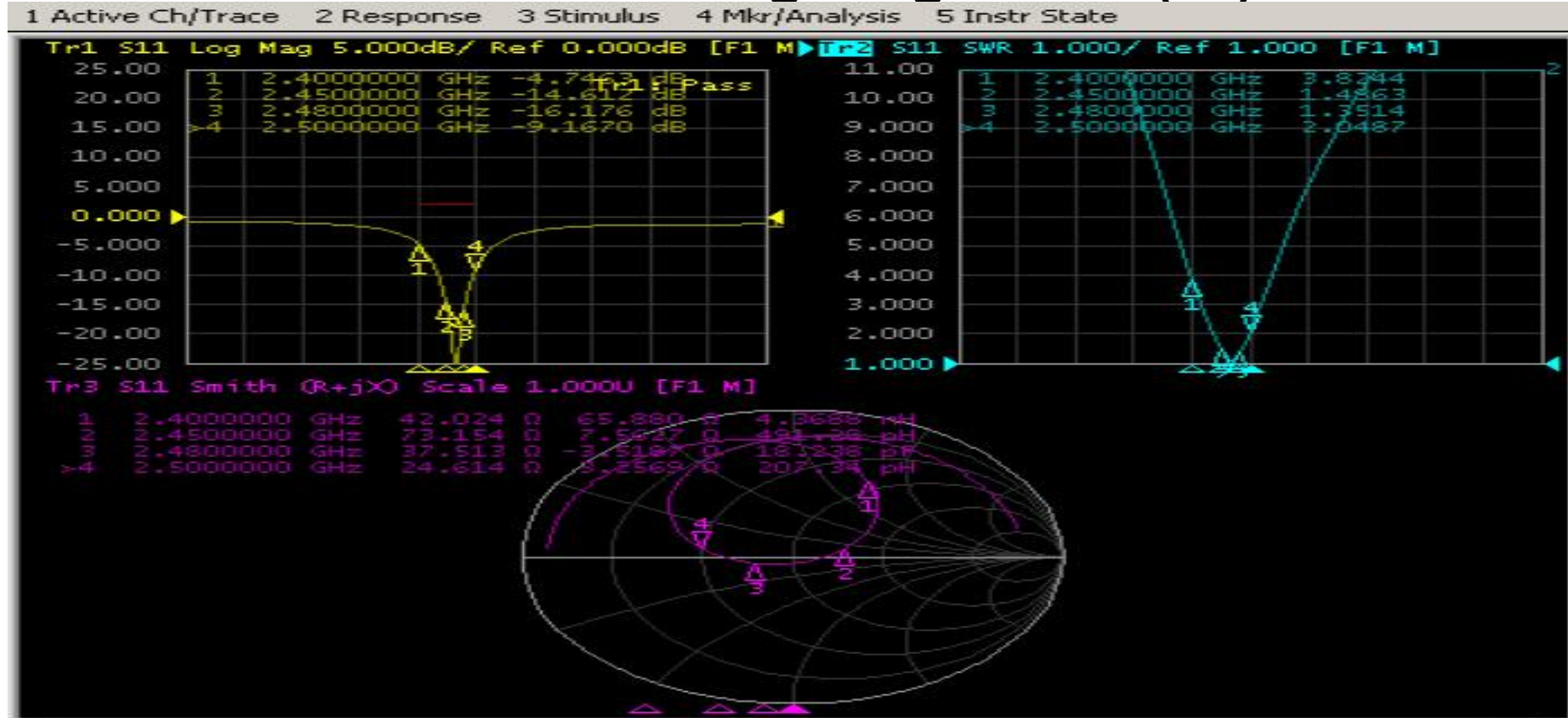


Antenna



length and width: 19.2*8.8mm

2. Test Result VSWR&Log Mag&Smith(Ω) TX



Frequency (MHz)	2400	2450	2480	2500
Log Mag	-4.74	-14.61	-16.17	-9.16
Smith(Ω)	65.88	7.56	-3.51	9.25
VSWR	3.82	1.48	1.35	2.04

3. Test Result

Frequency (MHz)	Efficiency (%)	Max GAIN (dBi)
2400	17.14	-3.56
2410	18.45	-3.08
2420	19.68	-2.61
2430	21.23	-2.47
2440	22.8	-2.48
2450	23.82	-2.44
2460	23.99	-2.48
2470	23.39	-2.54
2480	23.07	-2.48

3. Test Result

