

Antenna Test Report

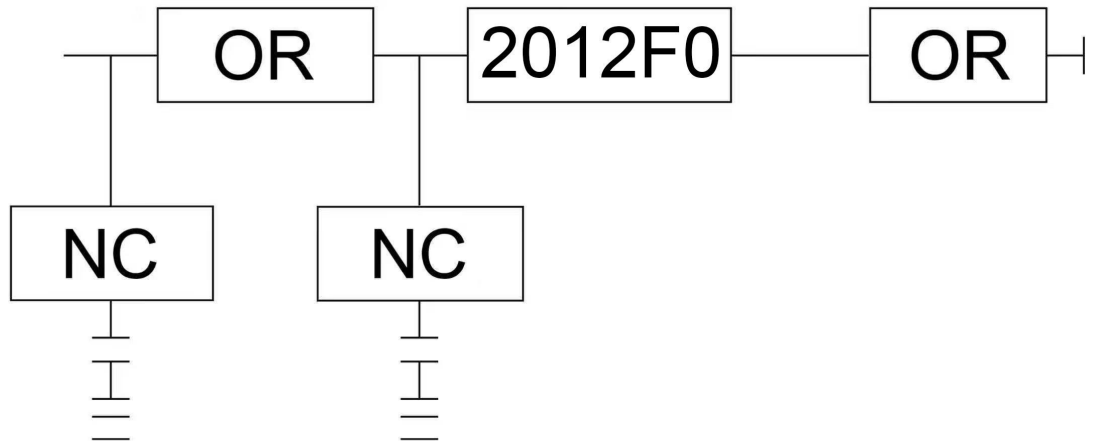
Customer	
Project	GT2
Antenna Revision	
Prepared by	
Checked by	
Date:	2026. 1. 22

2. Test System

Sequence Number	Test Item	equipment
S parameter	VSWR	Agilent 5071C & Agilent 5062A
OTA Test	TRP&TIS	Agilent 8960 E5515C& Agilent 4438C&CMW500 &CMW270 ETS&SATIMO
Gain & Efficiency	Gain & Efficiency	ETS&SATIMO Agilent 5071C

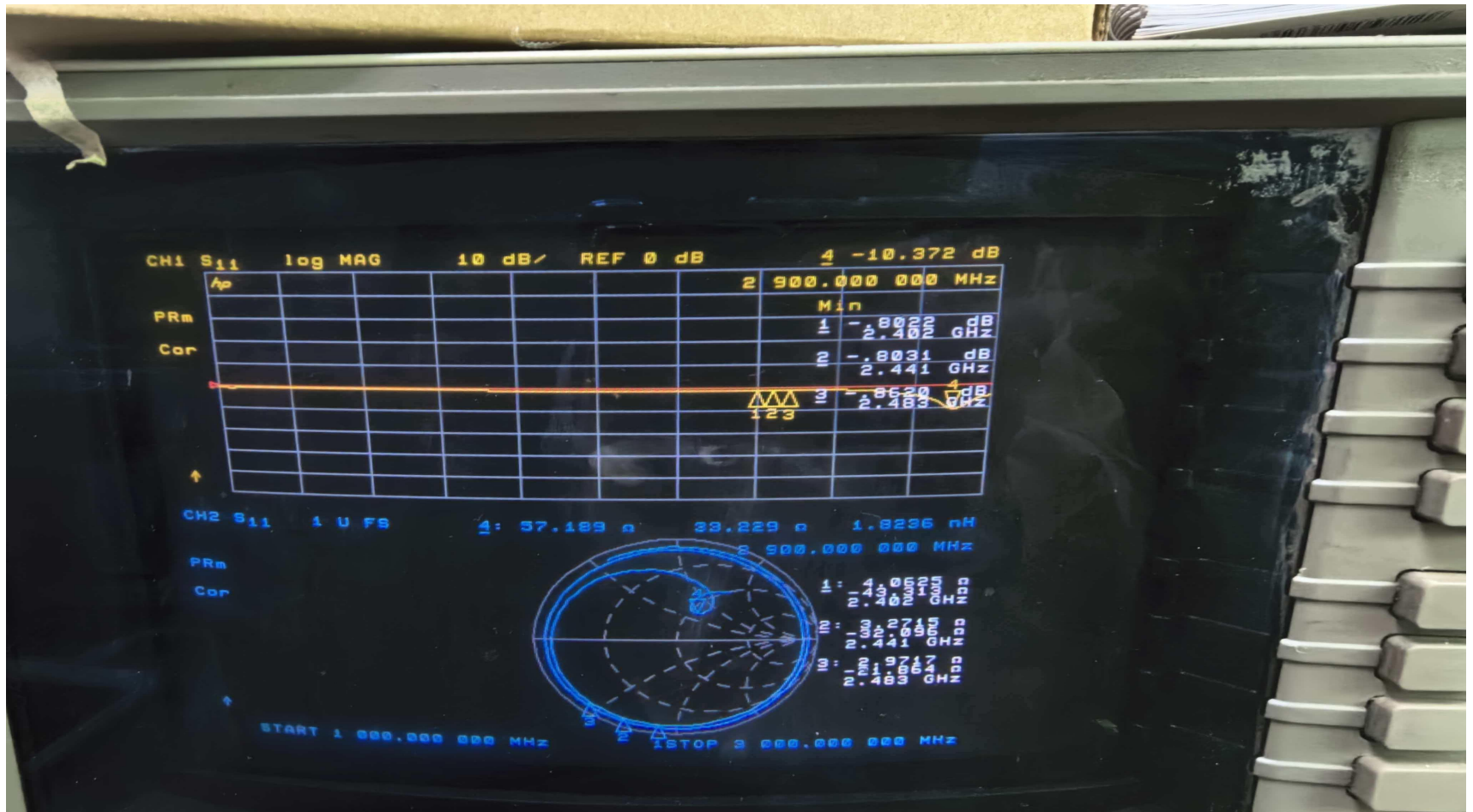


3. match



Test Result

S11 Parameter



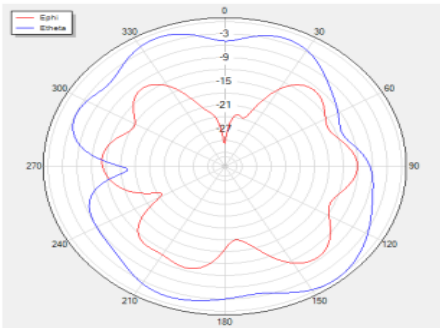
Test Result- Gain & Efficiency

frequency 频率(MHz)	gain (dBi)	mingain dBi)	CO Gain (dBi)	CP Gain (dBi)	efficiency (dB)	efficiency (%)
2400	-9.63	-24.27	0	0	-12.86	5.17
2410	-10.2	-24.72	0	0	-12.87	5.17
2420	-9.67	-23.96	0	0	-12.51	5.6
2430	-9.36	-23.98	0	0	-12.55	5.55
2440	-9.83	-24.53	0	0	-12.69	5.39
2450	-9.49	-23.88	0	0	-12.79	5.26
2460	-9.56	-23.72	0	0	-13.06	4.94
2470	-10.03	-24.04	0	0	-13.33	4.64
2480	-9.65	-23.83	0	0	-13.64	4.32
2490	-10.08	-24.68	0	0	-14.5	3.54
2500	-9.86	-25.28	0	0	-14.68	3.41

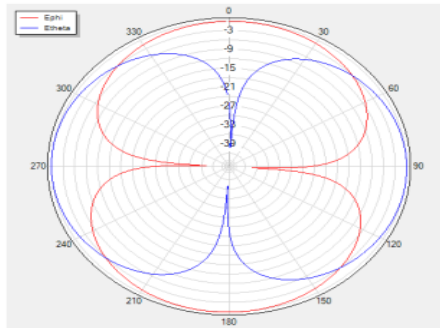
Test Result-

2 3D Pattern

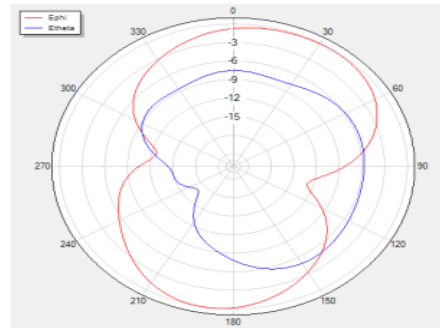
Phi=90 freq=2440MHz



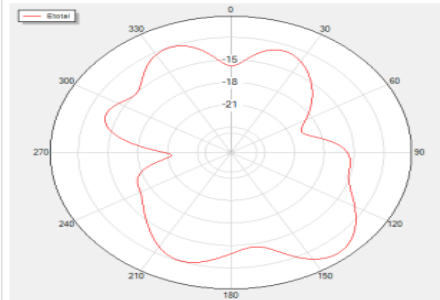
Theta=0 freq=2440MHz



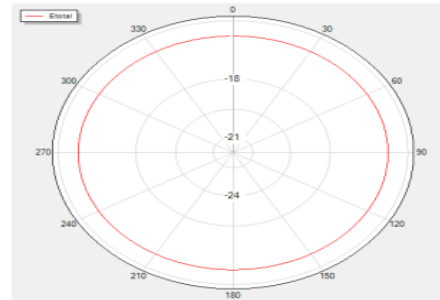
Theta=90 freq=2440MHz



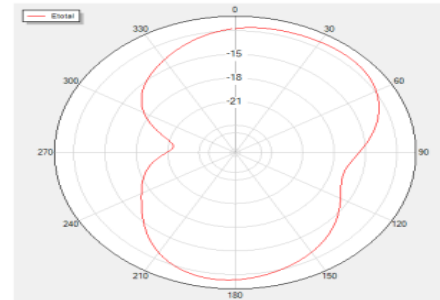
Phi=90 Freq=2440MHz



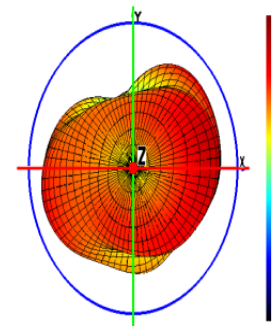
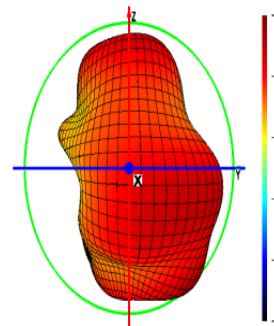
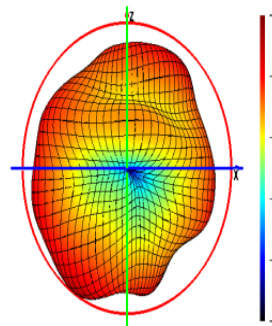
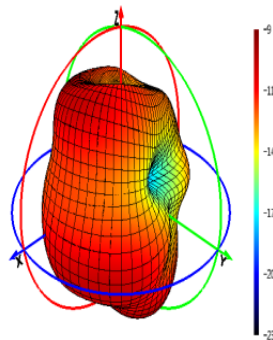
Theta=0 Freq=2440MHz



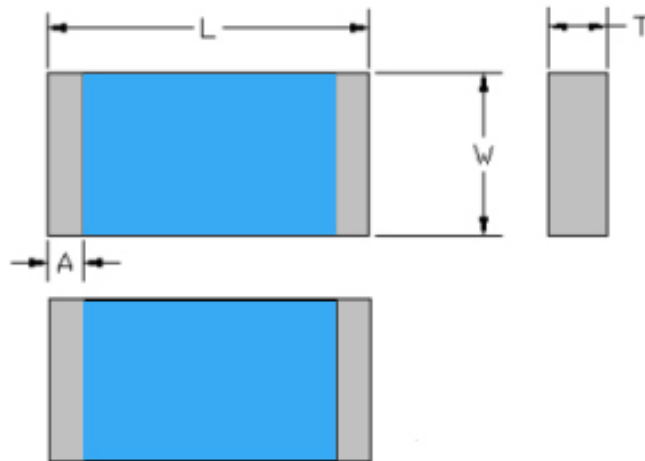
Theta=90 Freq=2440MHz



2440MHz



Antenna size:AAN2012F0P2G45



Dimension (mm)	
L	2.05+-0.15
W	1.20+-0.15
T	0.50+-0.10
A	0.20+-0.10

prototype images



OTA DATA

	测试项目	频道	<u>MaxValue</u>	Total
	TRP	1	-1.46	-6.6
		6	-2.3	-7.1
		13	-2.64	-7.24
	TIS	1	78.3	71.5
		6	76.48	68.2
		13	76.37	67.74

Thank you!

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