

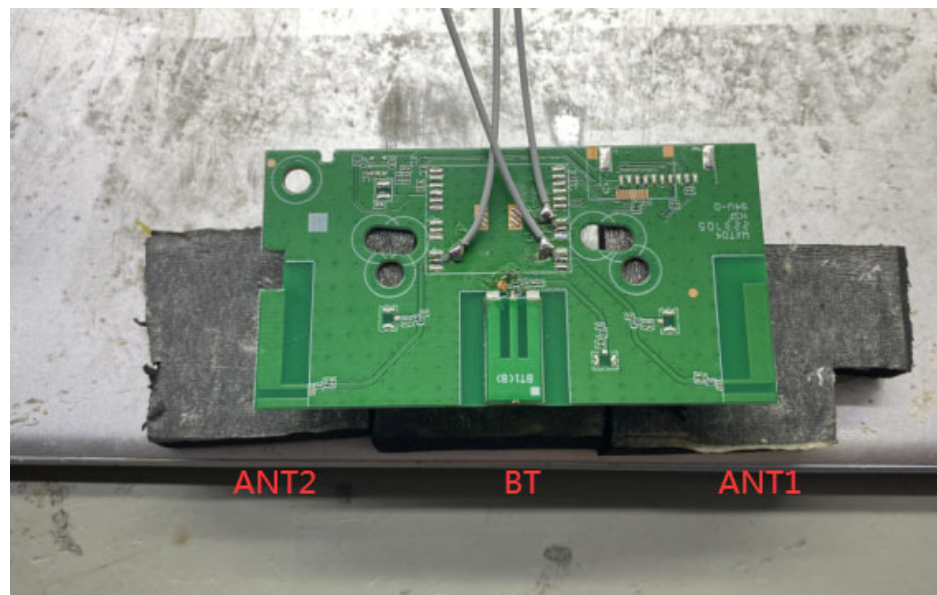
WXT04 ANT TEST REPORT

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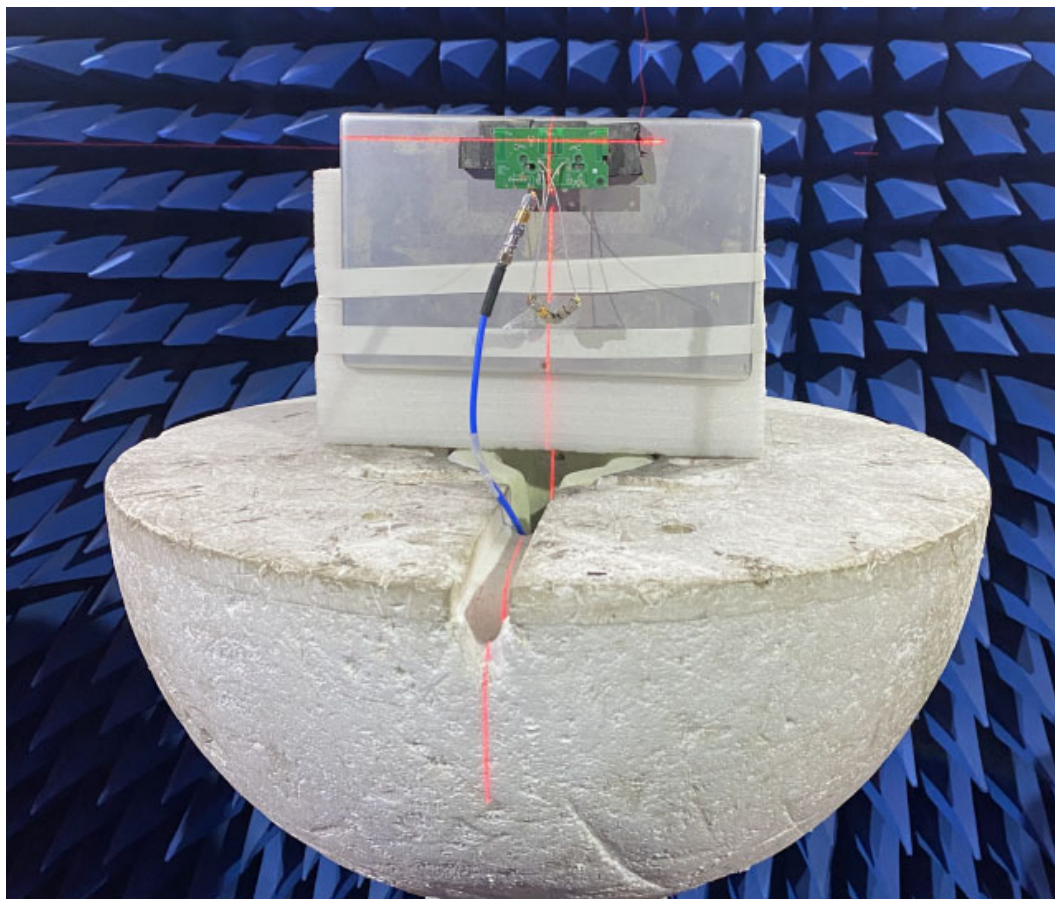
- ☐ Test Picture
- ☐ Test Environment
- ☐ Test Program
- ☐ Test Data

Test Picture



Test Environment

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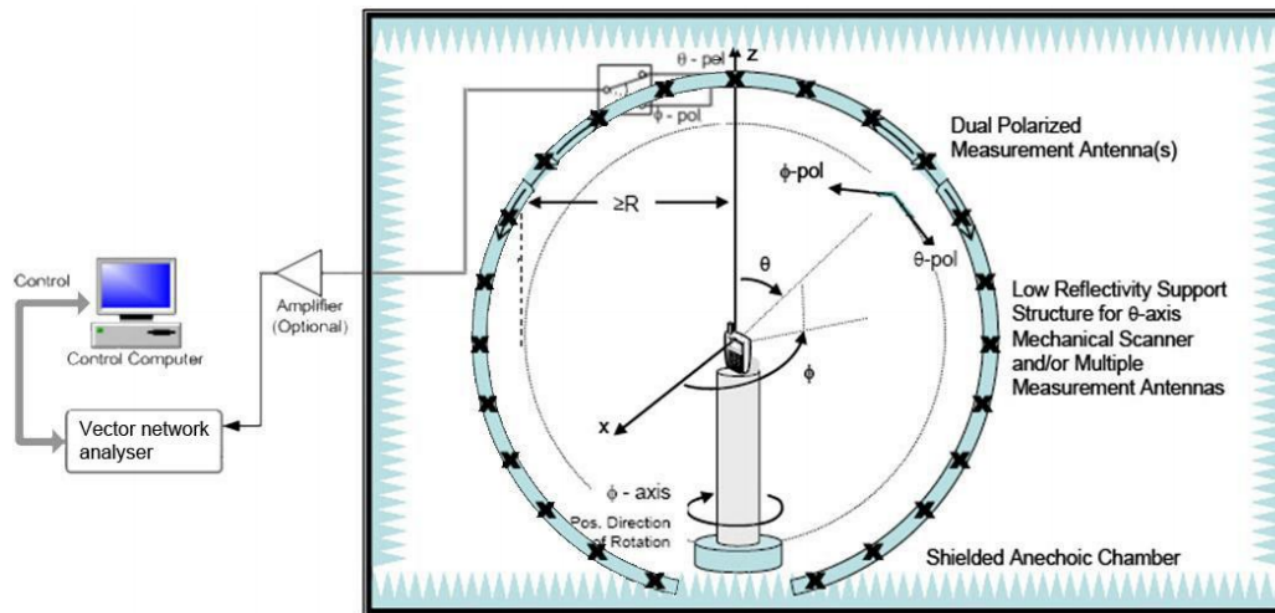
Test Environment



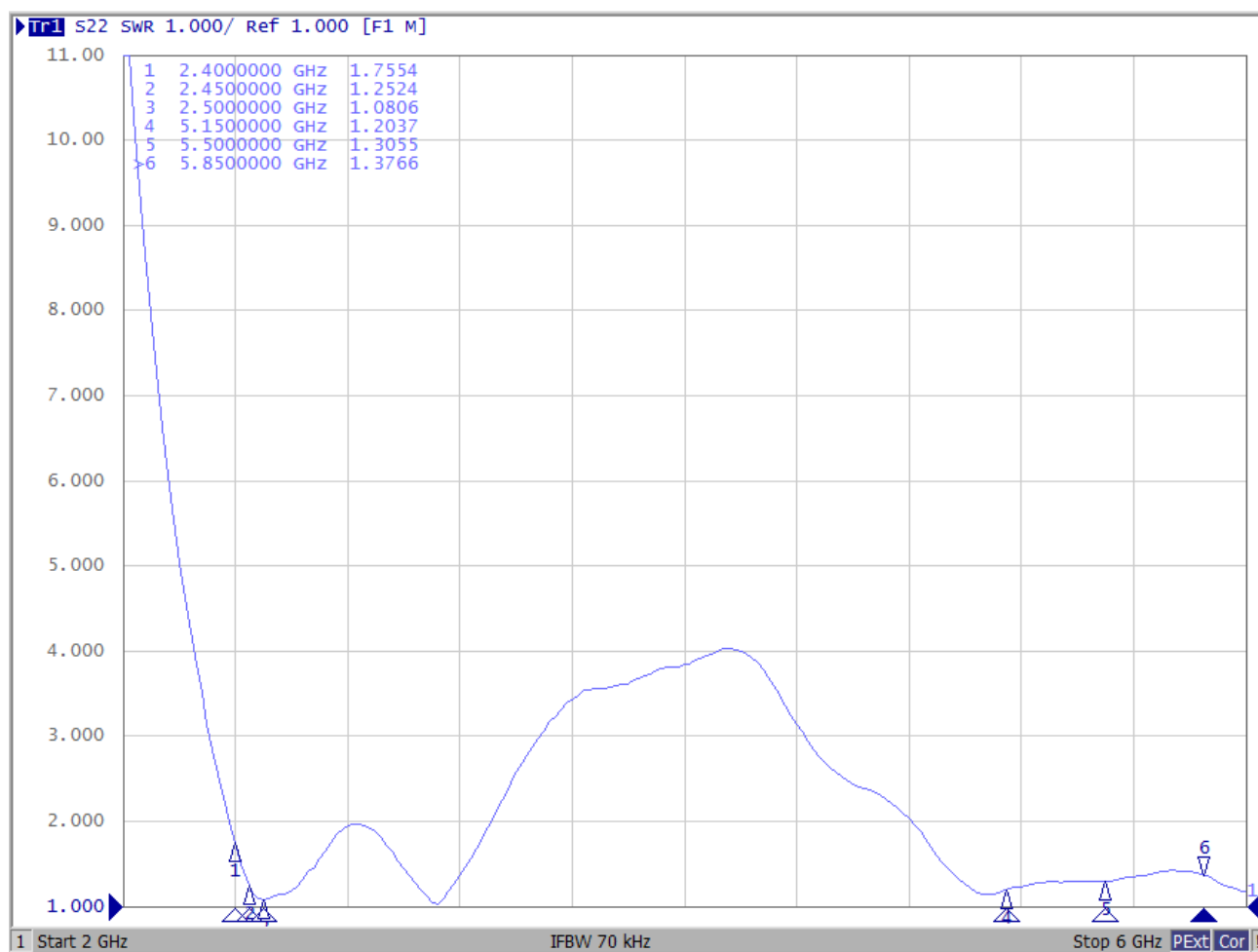
Test Lab	ZTX SATIMO SG24 Shielding room					
Test Lab Address	No 34 <u>Shilong RD,Shiyan Street Baoan District Shenzhen,Guangdong</u>					
Test Date	2025.1.17					
Tester	Zhao Feng					
Test Software	<u>Satimo.Spm</u>					
Software Vision	1.5.5					
Test Standard	GB/T 9410-2008					
Equipment list	Equipment	Manufact urer	Model	SN	Last cal.	<u>Dul</u> Date
	Network analyzer	Agilent	E5071C	MY46521960	2024. 04. 20	2025. 04. 19
	SG24 antenna system	SATIMO	SG24		2024. 04. 20	2025. 04. 29

Test Program

Antenna Efficiency、Antenna Gain、Antenna Pattern Test



Test Data (ANT1-VSWR)



Test Data (ANT1-Efficiency/Gain)

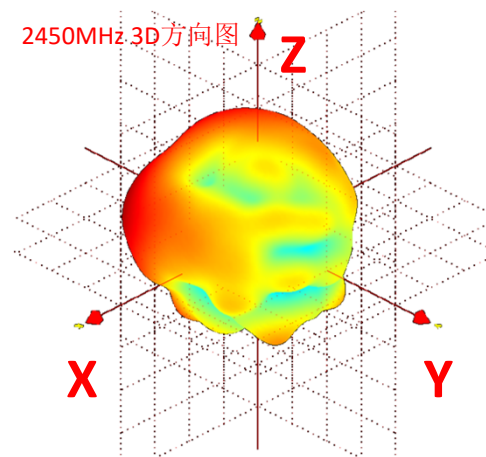
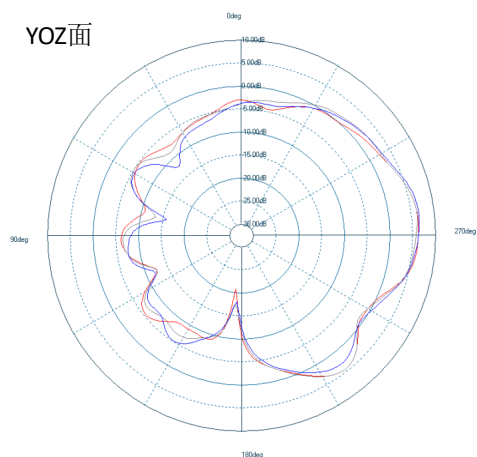
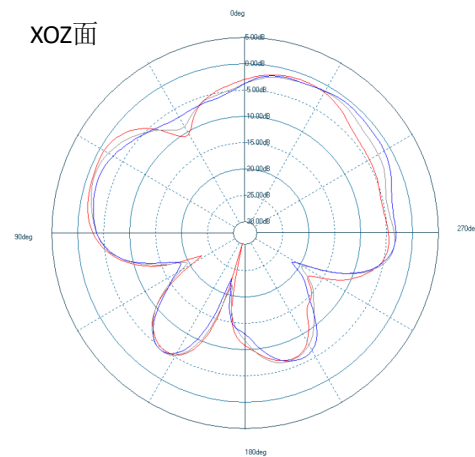
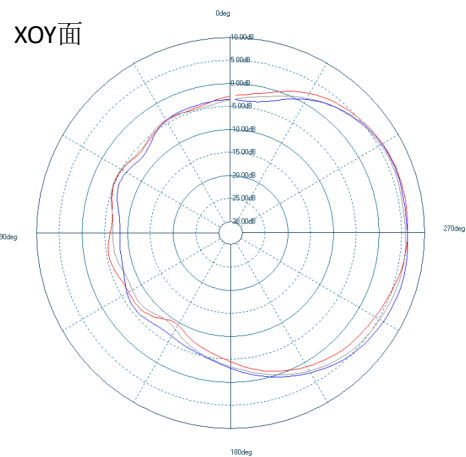


Frequency	Efficiency		Peak Gain
	Mhz	%	dB
2400	58.63	-2.32	2.60
2410	58.61	-2.32	2.41
2420	61.18	-2.13	2.40
2430	63.33	-1.98	2.39
2440	65.04	-1.87	2.48
2450	63.10	-2.00	2.30
2460	63.12	-2.00	2.50
2470	63.29	-1.99	2.42
2480	63.05	-2.00	2.35
2490	63.76	-1.95	2.36
2500	65.90	-1.81	2.85

Frequency	Efficiency		Peak Gain
	Mhz	%	dB
5150	59.14	-2.28	3.64
5200	53.23	-2.74	3.18
5250	57.84	-2.38	3.60
5300	60.49	-2.18	3.87
5350	61.15	-2.14	3.90
5400	53.28	-2.73	3.31
5450	53.58	-2.71	3.70
5500	53.54	-2.71	3.64
5550	63.45	-1.98	4.17
5600	58.78	-2.31	3.99
5650	56.38	-2.49	3.98
5700	54.23	-2.66	4.04
5750	53.85	-2.69	4.10
5800	51.37	-2.89	3.99
5850	53.12	-2.75	3.94

Test Data (ANT1-2.4G Pattern)

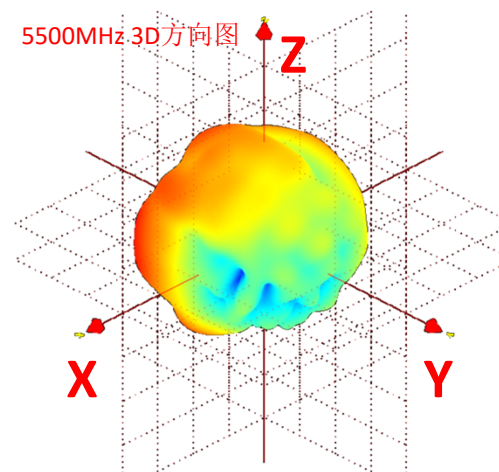
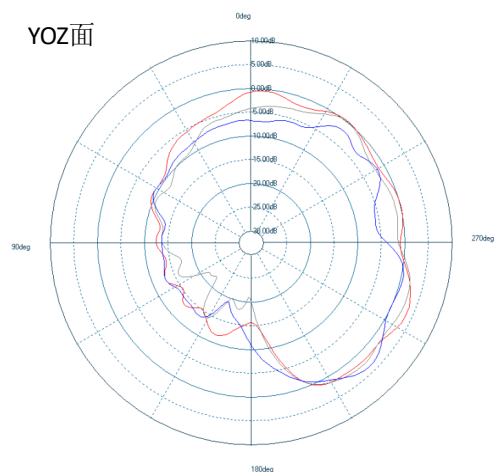
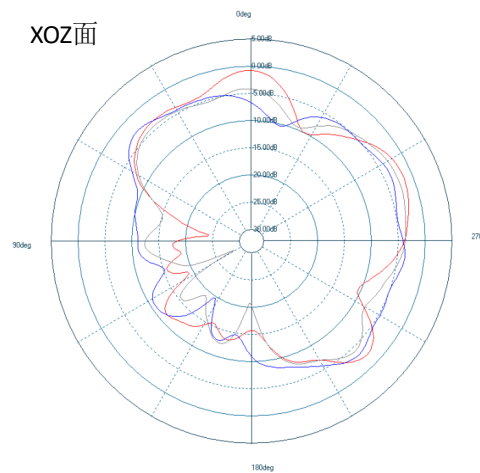
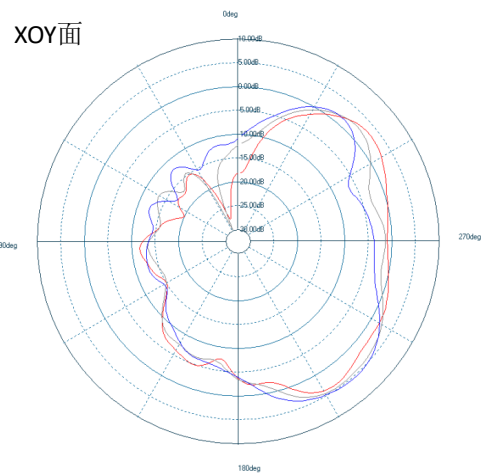
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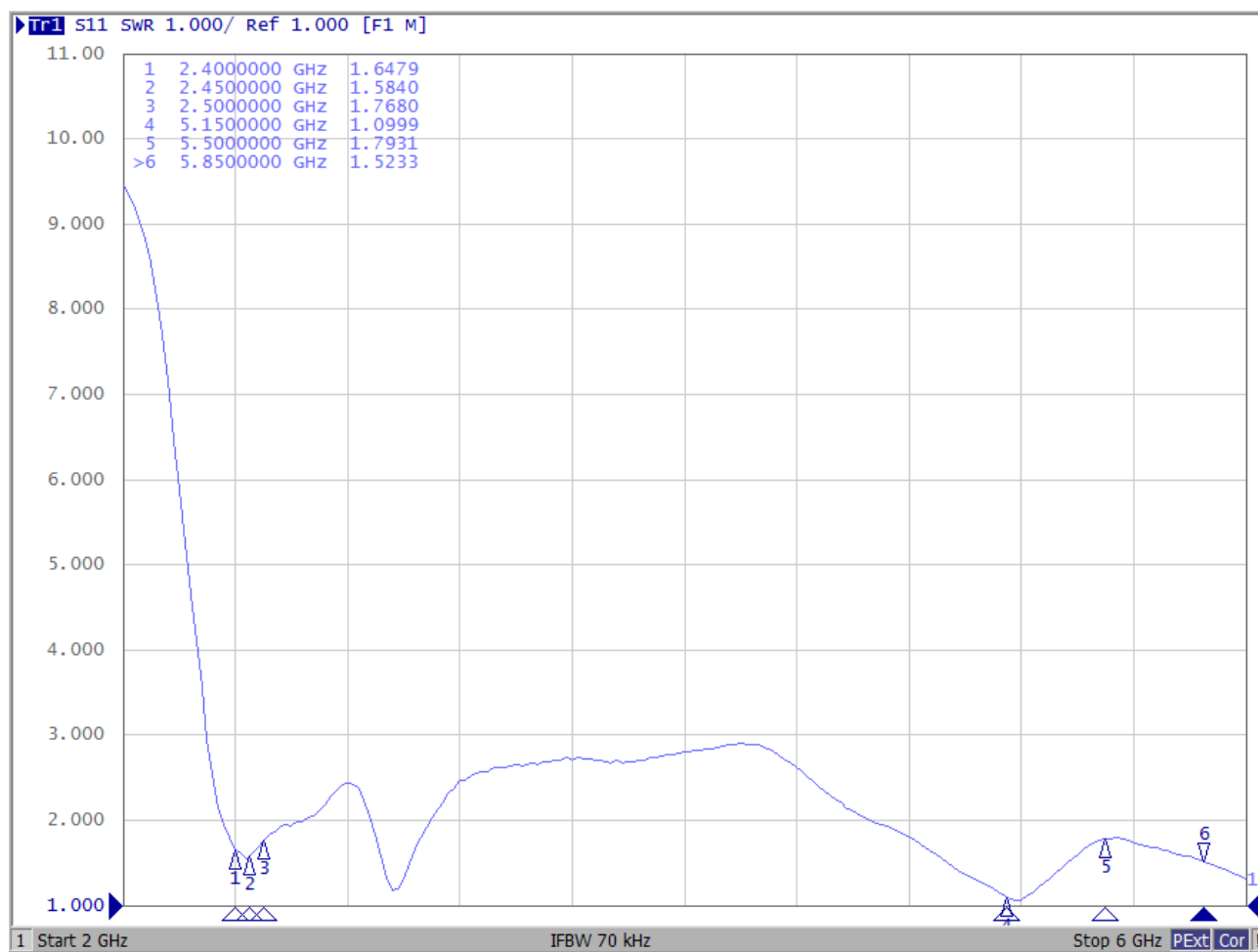
Test Data (ANT1-5G Pattern)

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Test Data (ANT2-VSWR)



Test Data (ANT2-Efficiency/Gain)

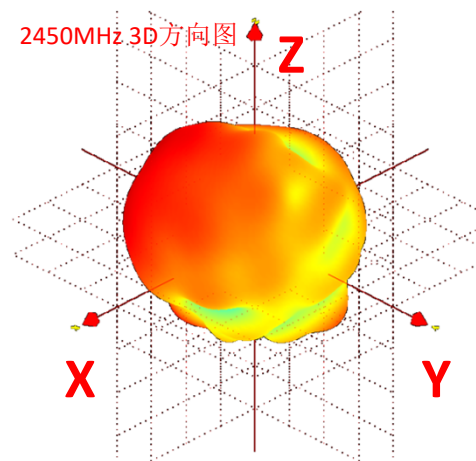
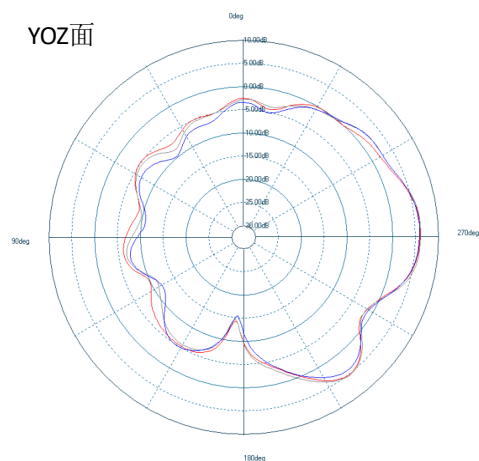
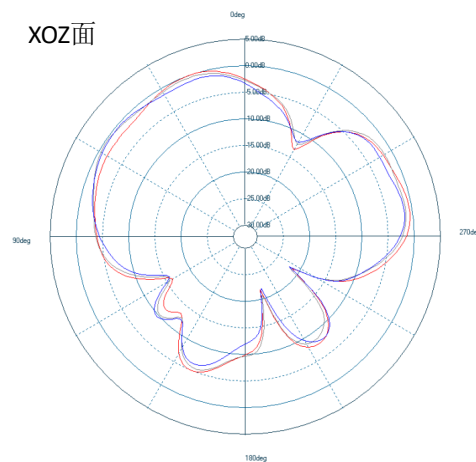
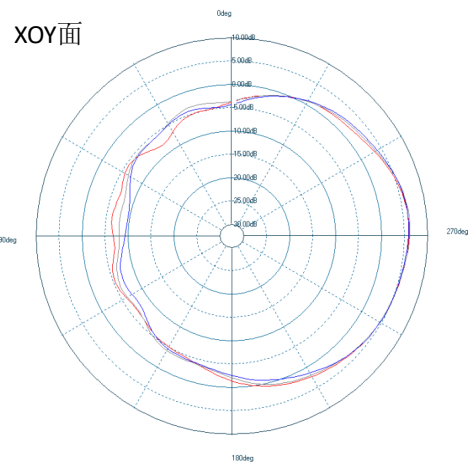


Frequency	Efficiency		Peak Gain
	Mhz	%	dB
2400		56.52	-2.48
2410		57.57	-2.40
2420		60.00	-2.22
2430		60.38	-2.19
2440		61.54	-2.11
2450		58.40	-2.34
2460		58.41	-2.34
2470		58.54	-2.33
2480		56.21	-2.50
2490		56.94	-2.45
2500		55.47	-2.56

Frequency	Efficiency		Peak Gain
	Mhz	%	dB
5150		61.24	-2.13
5200		54.82	-2.61
5250		58.55	-2.32
5300		60.62	-2.17
5350		60.49	-2.18
5400		51.33	-2.90
5450		50.46	-2.97
5500		51.19	-2.91
5550		60.10	-2.21
5600		55.53	-2.55
5650		54.21	-2.66
5700		54.03	-2.67
5750		52.50	-2.80
5800		51.14	-2.91
5850		50.84	-2.94

Test Data (ANT2-2.4G Pattern)

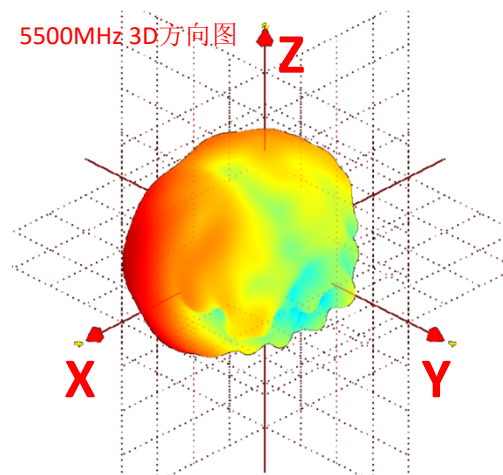
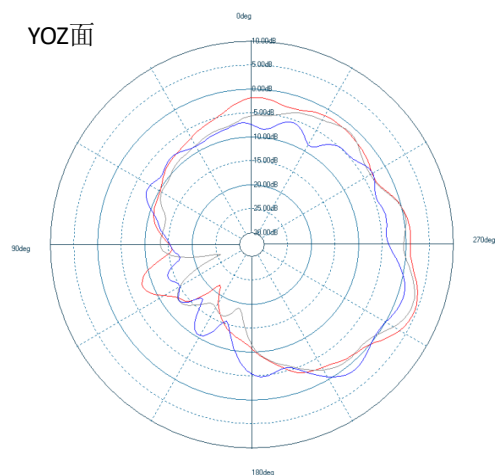
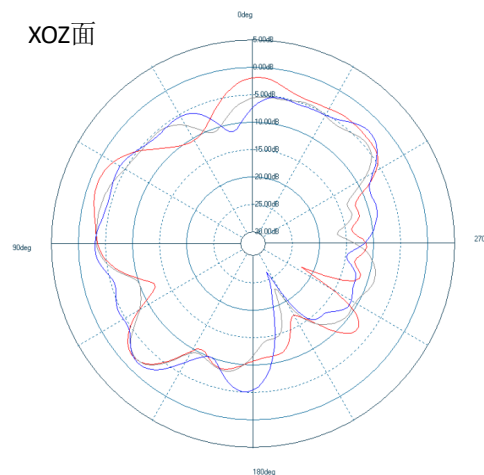
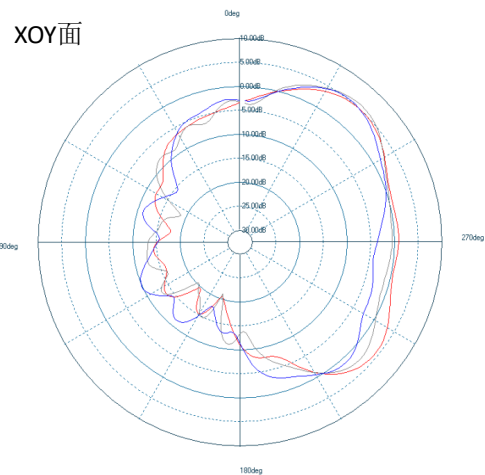
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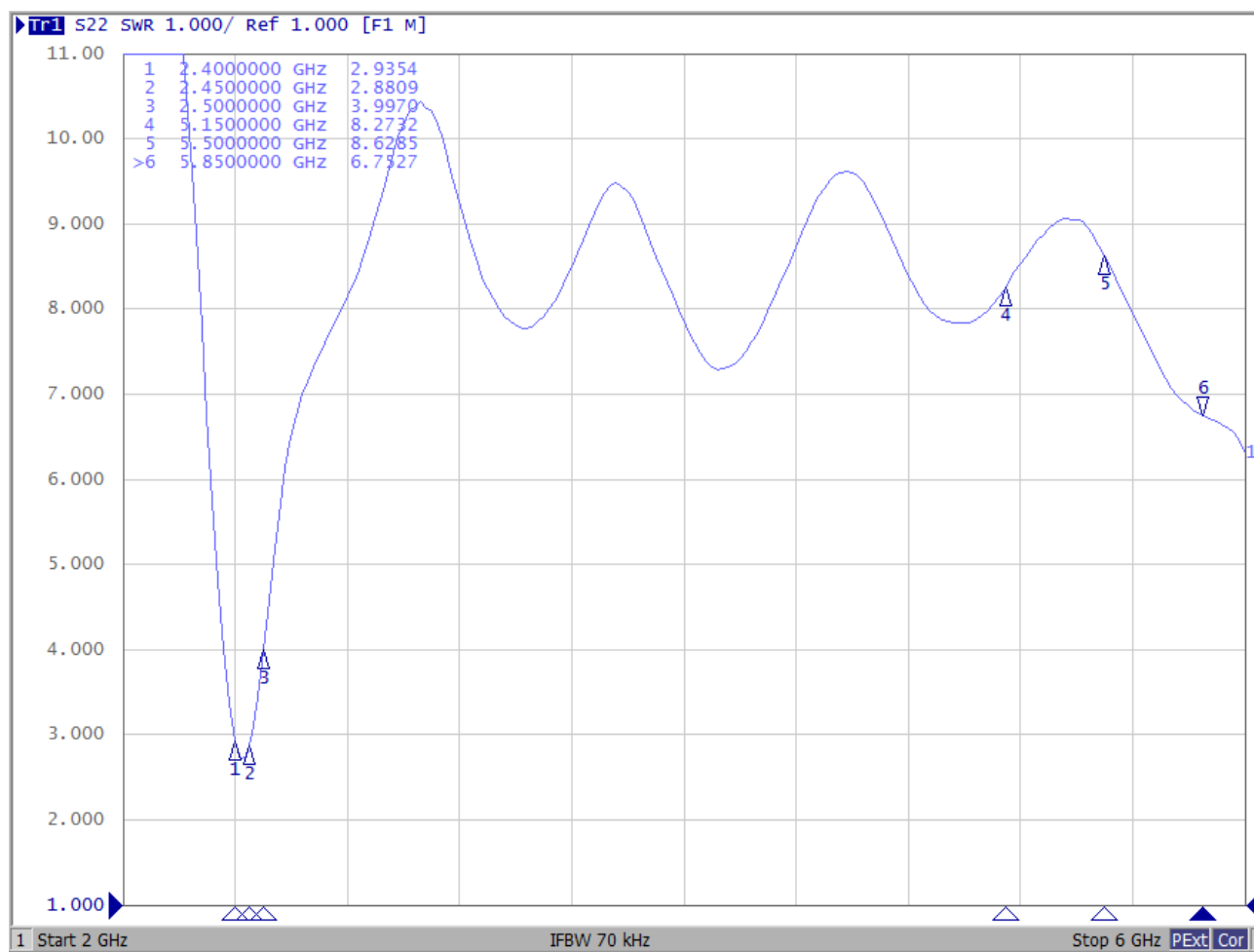
Test Data (ANT2-5G Pattern)

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Test Data (BT-VSWR)



Test Data (BT-Efficiency/Gain)

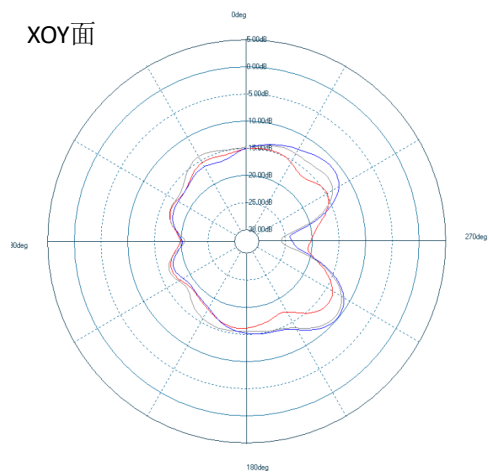


Frequency	Efficiency		Peak Gain
	Mhz	%	dB
2400		9.7	-10.13
2410		10.49	-9.79
2420		11.66	-9.33
2430		11.82	-9.23
2440		10.94	-9.61
2450		10.6	-9.75
2460		11.53	-9.38
2470		12.69	-8.97
2480		10.75	-9.69
2490		9.72	-10.12
2500		9.94	-10.03

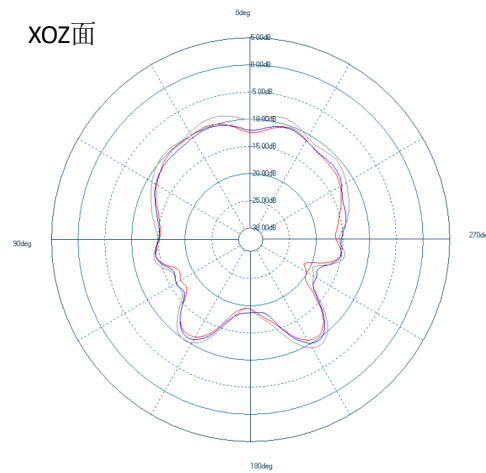
Test Data (BT-2.4G Pattern)

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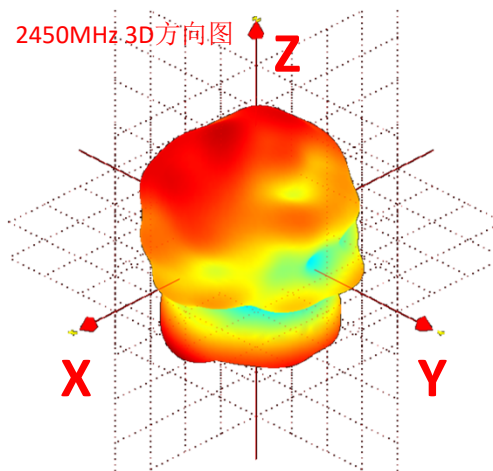
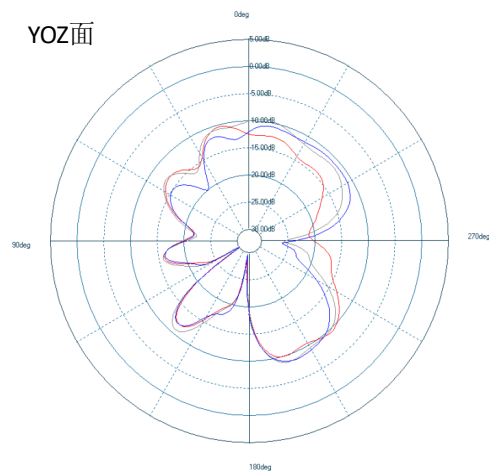
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Thank You

