

CDXT11 Test Report

Category

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Module physical picture

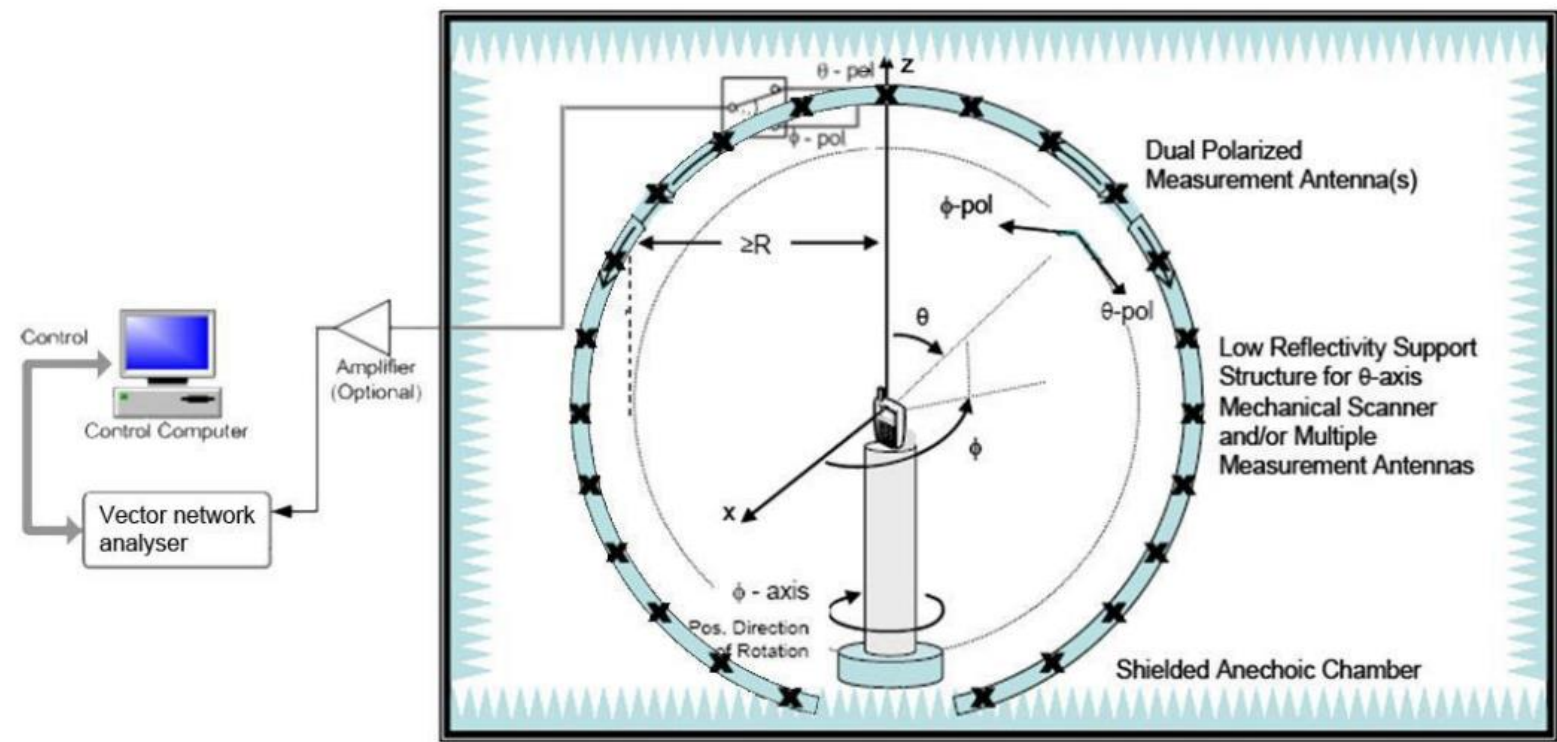
Refer to Antenna Spec_Appendix A

Test information



Testing laboratory	ZTX SATIMO SG24暗室
Address	No. 34 Shilong Road, Shiyan Street, Bao'an District, Shenzhen
Test Date	2024.12.16
Test Engineer	Zhao Feng
Test Software name	Satimo.Spm
Test Software version	1.5.5
Test standard	GB/T 9410-2008

Testing procedures

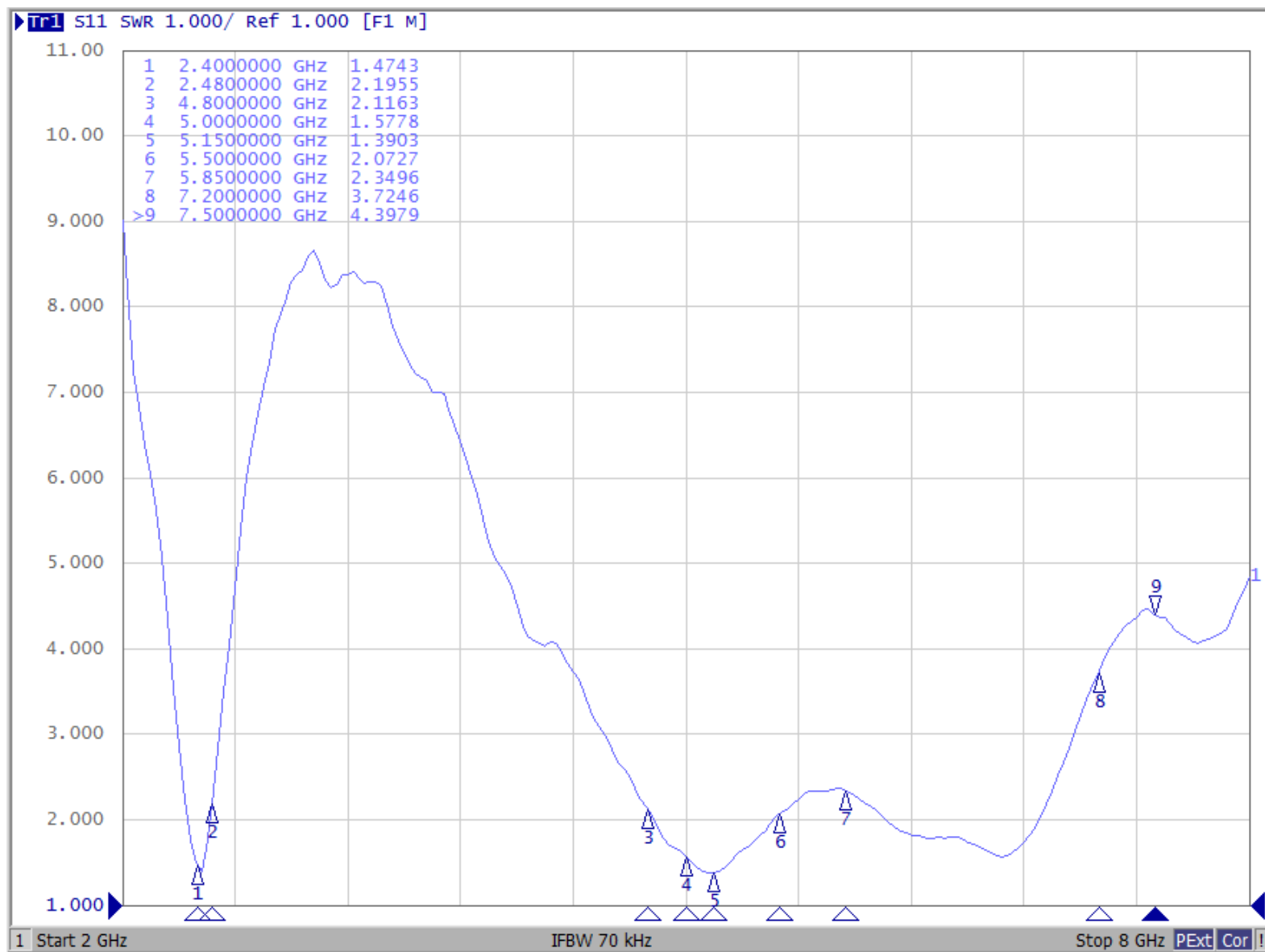


Equipment list	Equipment	Manufacturer	Model	SN	Last cal.	Dul Date
	Network analyzer	Keysight	E5071C	MY59202000	2024. 04. 16	2025. 04. 15
	SG24 antenna test system	SATIMO	SG24		2024. 04. 16	2025. 04. 15

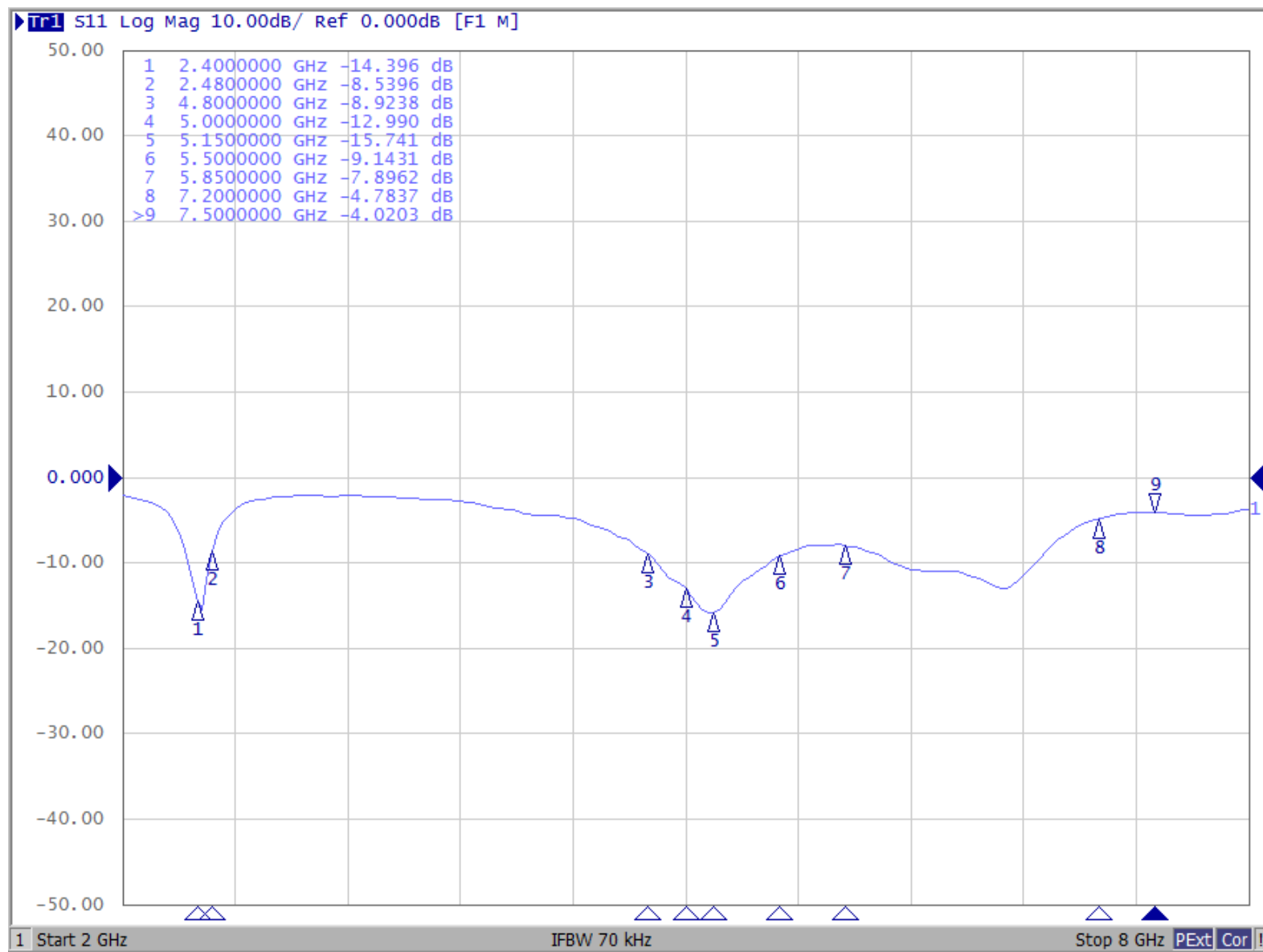
Test environment

Refer to Antenna Spec_Appendix A

Antenna passive test data (ANTO-VSWR)



Antenna passive test data (ANT0-Return loss)



Antenna passive test data (ANT0)

Frequency	Peak Gain	Efficiency	
Mhz	dB	%	dB
2400	3.02	57.55	-2.40
2410	3.18	57.02	-2.44
2420	4.00	56.11	-2.51
2430	3.26	55.78	-2.54
2440	3.16	53.70	-2.70
2450	3.13	52.68	-2.78
2460	3.08	51.02	-2.92
2470	2.92	49.86	-3.02
2480	2.71	49.15	-3.08
2490	2.44	46.78	-3.30
2500	2.77	45.76	-3.39

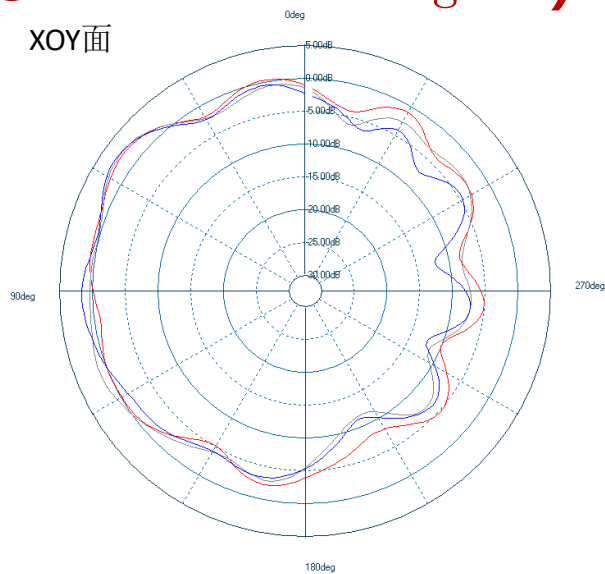
5150	5.12	55.11	-2.59
5200	6.00	55.43	-2.56
5250	5.89	53.86	-2.69
5300	5.86	53.54	-2.71
5350	5.53	53.19	-2.74
5400	5.48	50.71	-2.95
5450	5.36	48.48	-3.14
5500	5.17	47.86	-3.20
5550	4.79	47.67	-3.22
5600	4.80	46.03	-3.37
5650	5.15	46.56	-3.32
5700	5.29	46.20	-3.35
5750	5.46	46.77	-3.30
5800	5.55	48.40	-3.15
5850	5.68	50.41	-2.97

Antenna passive test data

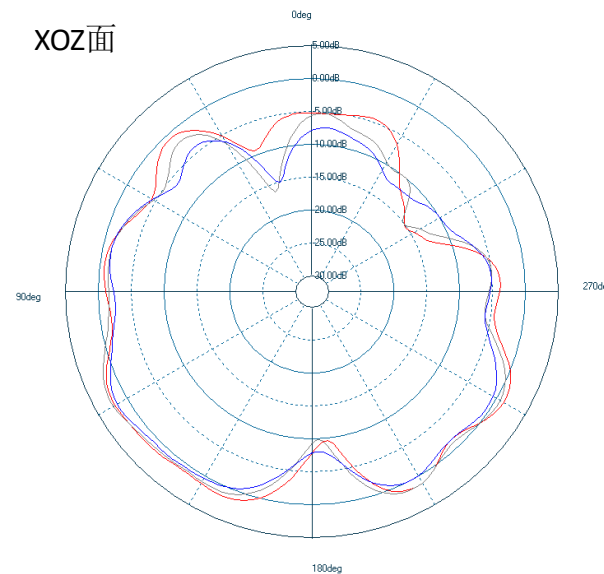
(ANT0-2.4G Direction diagram)

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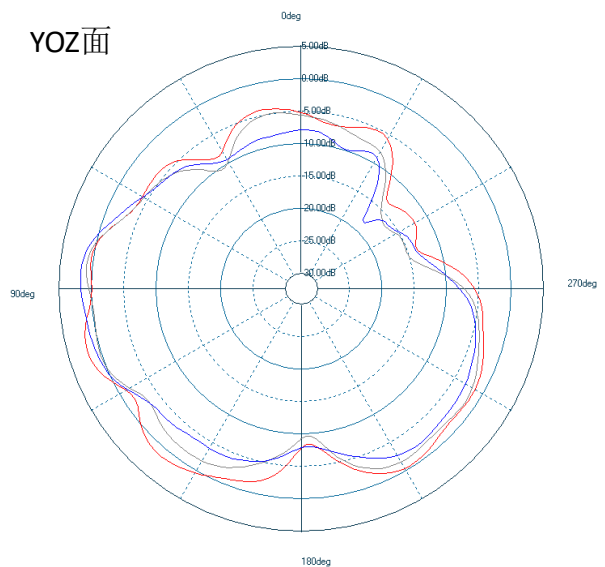
XOY面



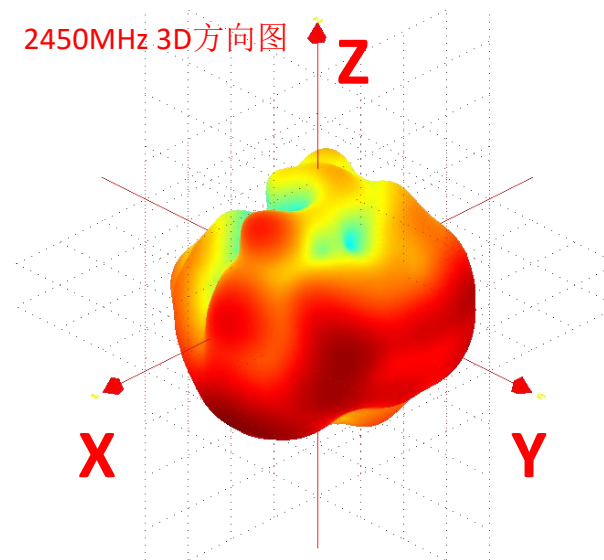
XOZ面



YOZ面



2450MHz 3D方向图

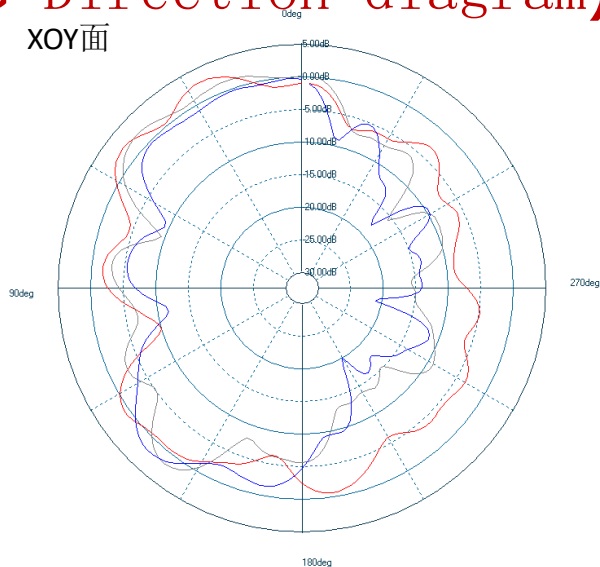


Antenna passive test data

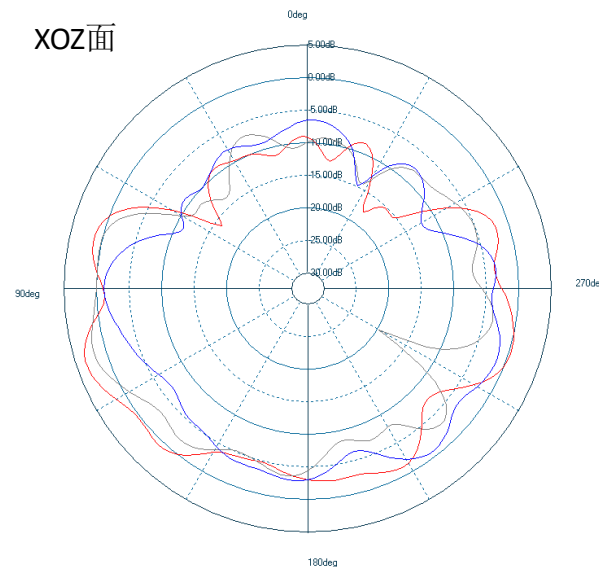
(ANT0-5G Direction diagram)



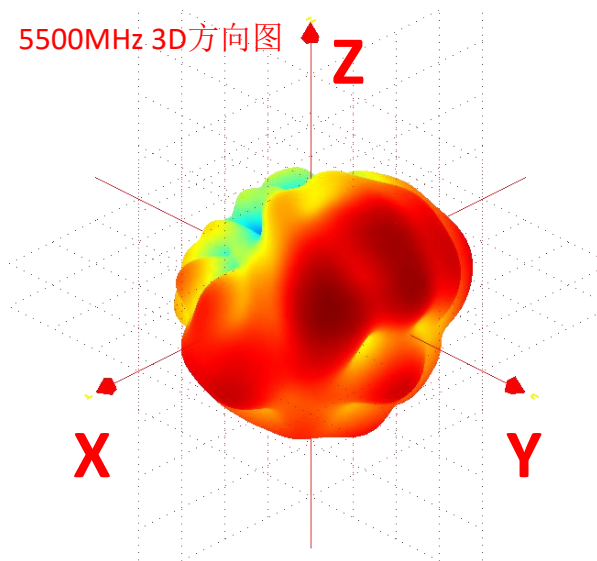
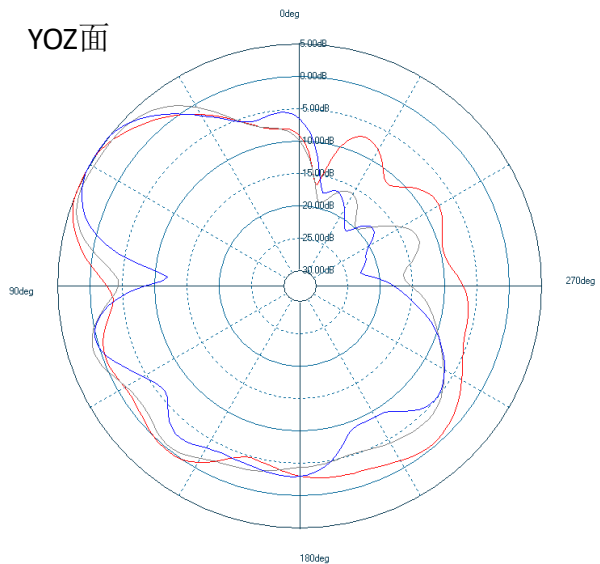
XOY面



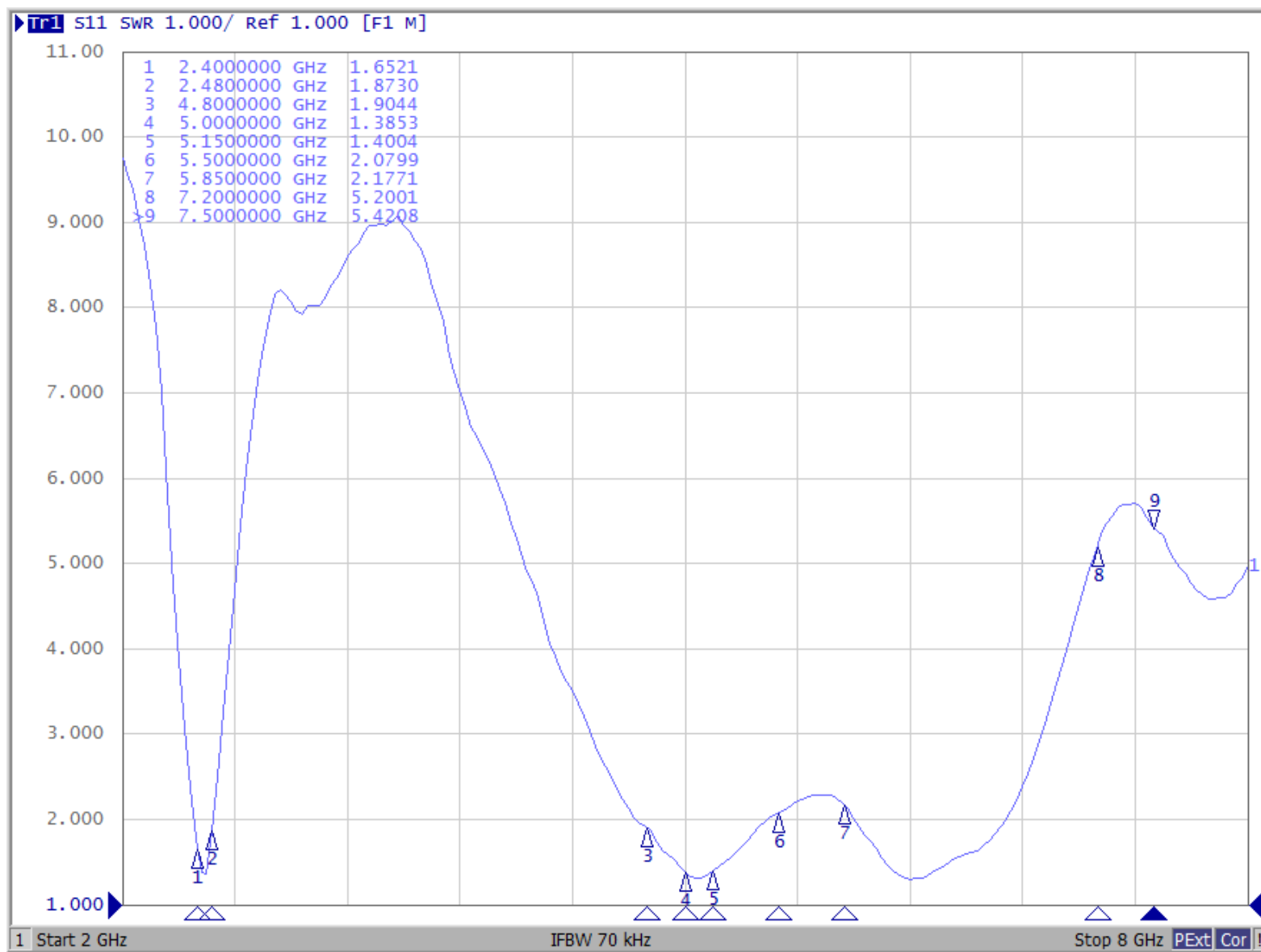
XOZ面



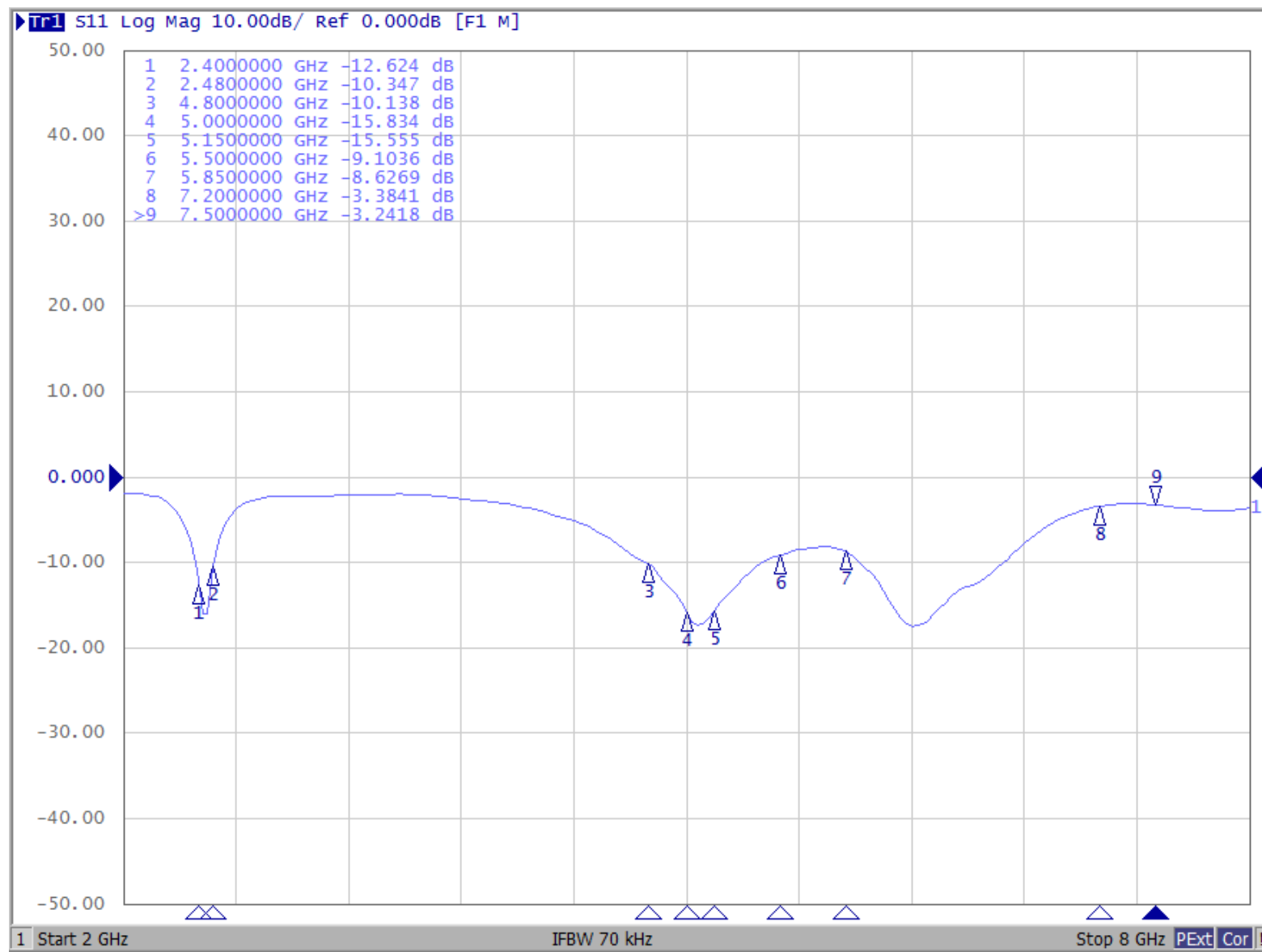
YOZ面



Antenna passive test data (ANT1-VSWR)



Antenna passive test data (ANT1-Return loss)



Antenna passive test data (ANT1)

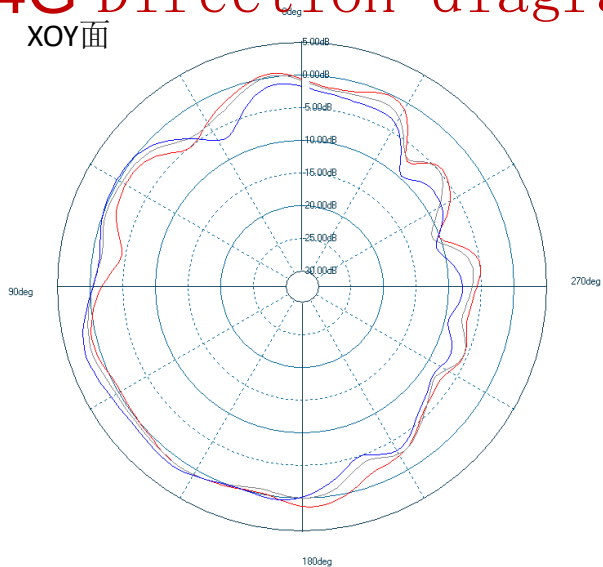
Frequency	Peak Gain	Efficiency	
Mhz	dB	%	dB
2400	4.11	55.52	-2.56
2410	3.98	56.27	-2.50
2420	5.00	56.37	-2.49
2430	4.94	56.27	-2.50
2440	4.91	54.85	-2.61
2450	3.89	54.07	-2.67
2460	4.85	53.42	-2.72
2470	3.81	52.60	-2.79
2480	3.69	51.50	-2.88
2490	3.39	50.15	-3.00
2500	3.21	48.94	-3.10

5150	5.00	55.86	-2.53
5200	5.17	55.53	-2.55
5250	5.27	54.91	-2.60
5300	6.00	54.10	-2.67
5350	5.55	52.52	-2.80
5400	5.52	52.25	-2.82
5450	5.27	51.43	-2.89
5500	5.18	51.47	-2.88
5550	4.99	51.22	-2.91
5600	5.06	49.17	-3.08
5650	5.40	49.65	-3.04
5700	5.49	49.73	-3.03
5750	5.37	50.68	-2.95
5800	5.49	53.16	-2.74
5850	5.62	55.59	-2.55

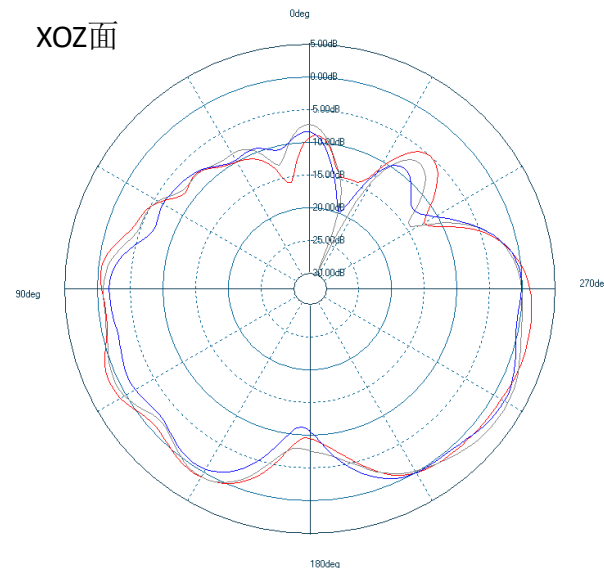
Antenna passive test data

(ANT1-2.4G Direction diagram)

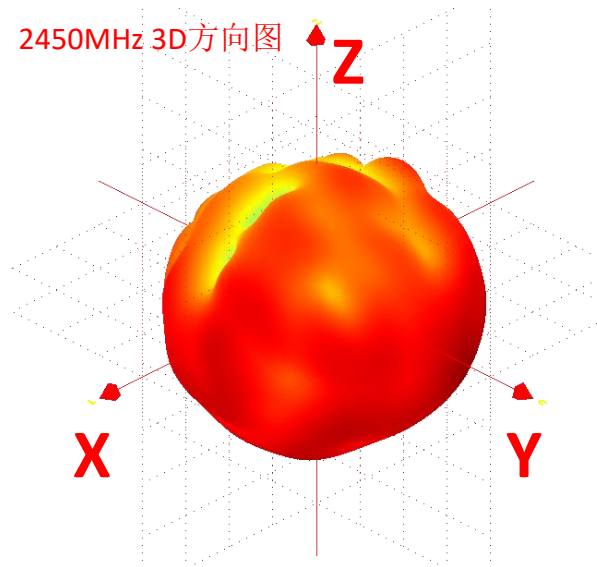
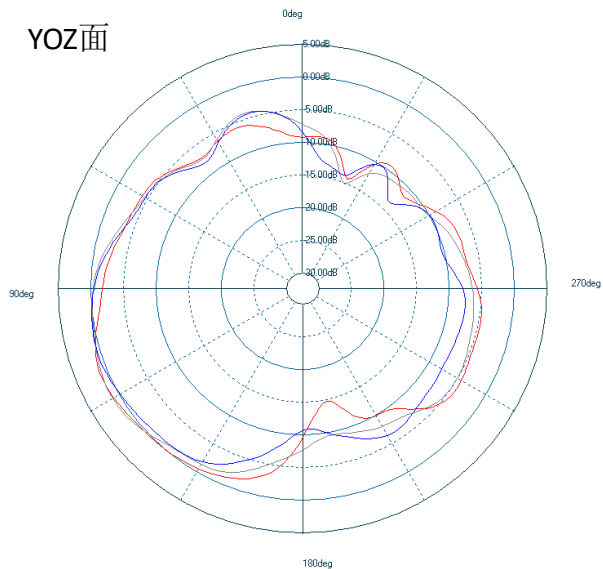
XOY面



XOZ面



YOZ面

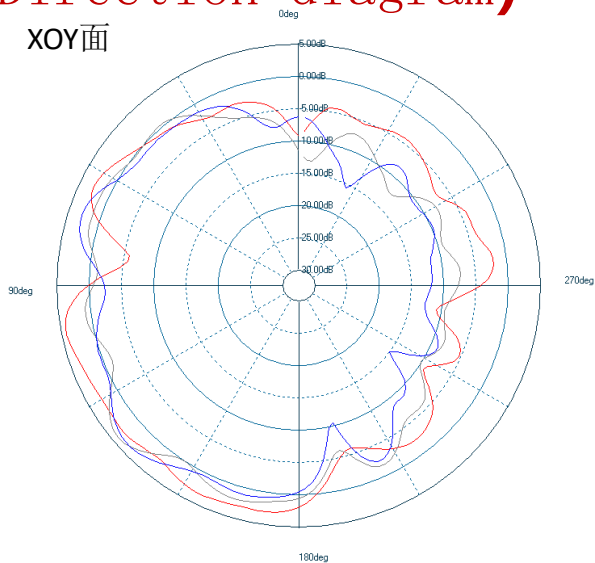


Antenna passive test data

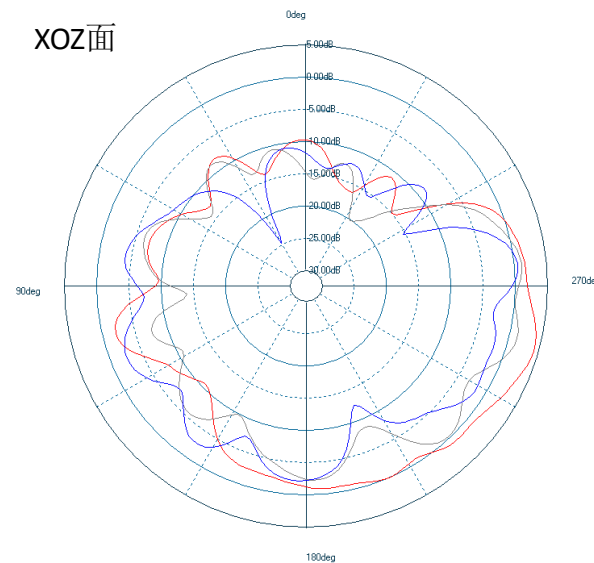
(ANT1-5G Direction diagram)



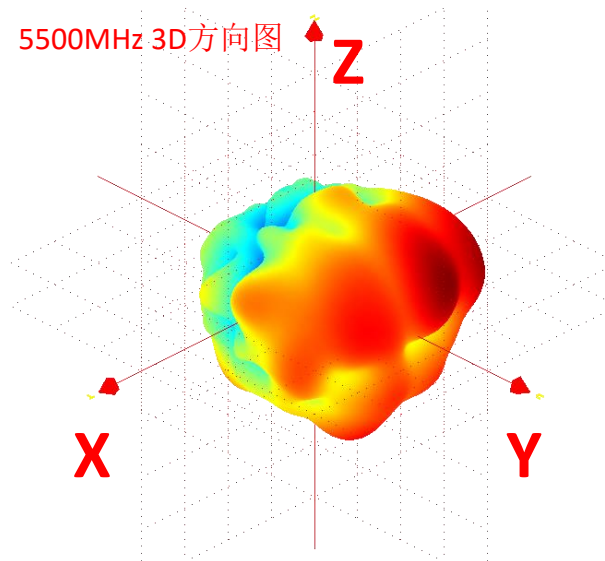
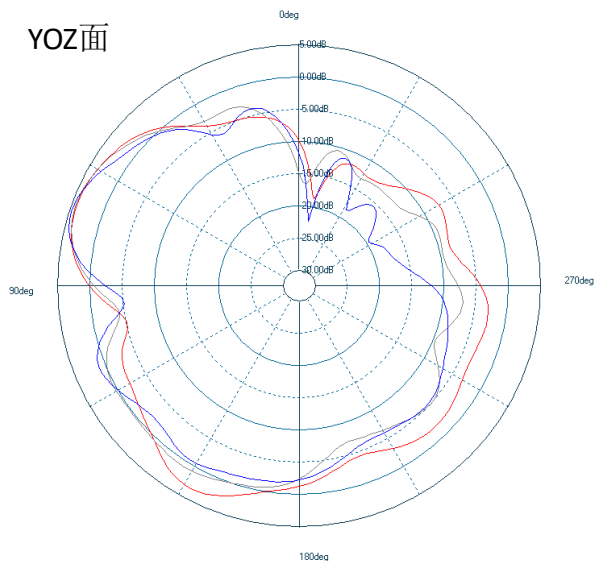
XOY面



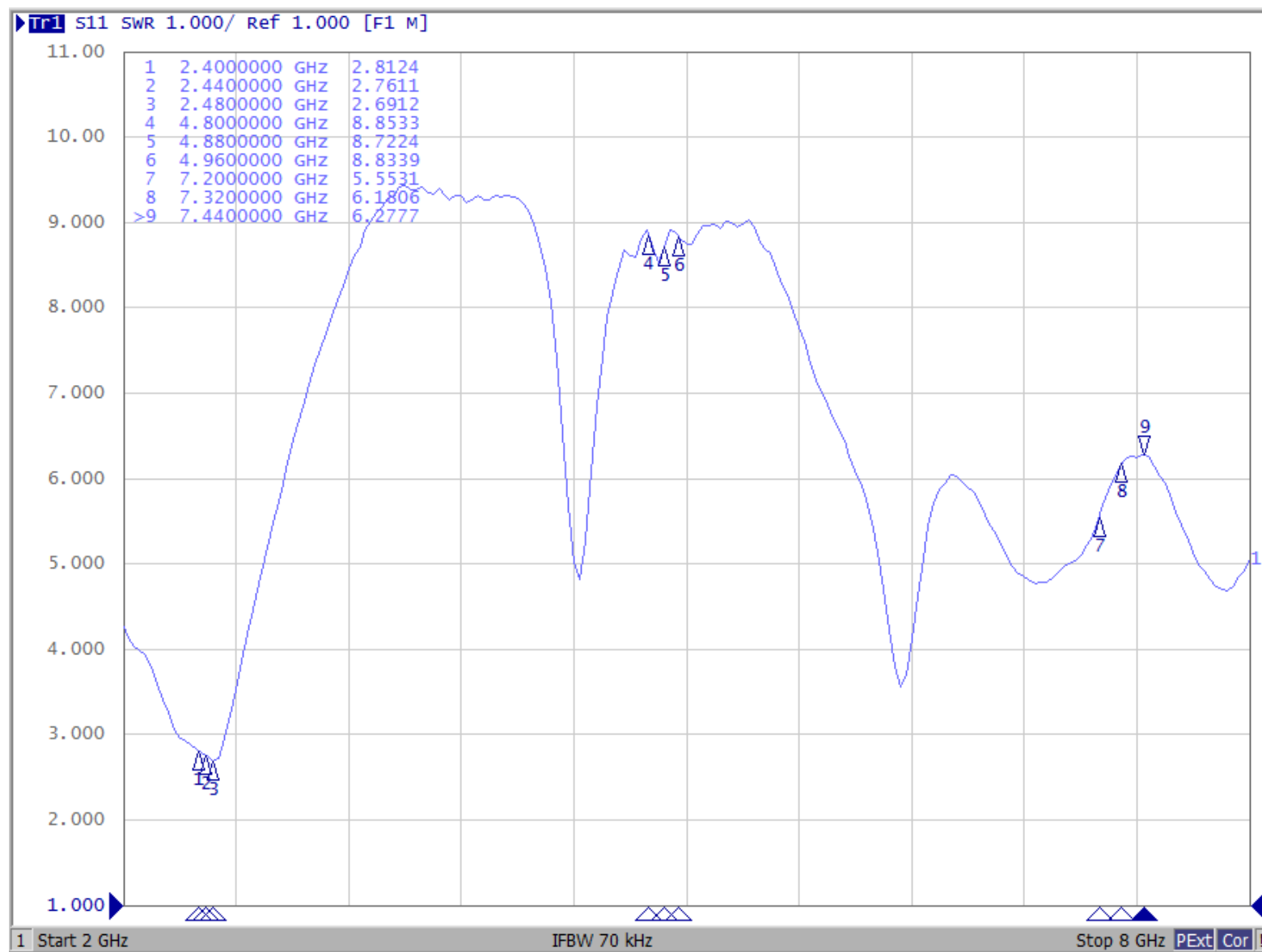
XOZ面



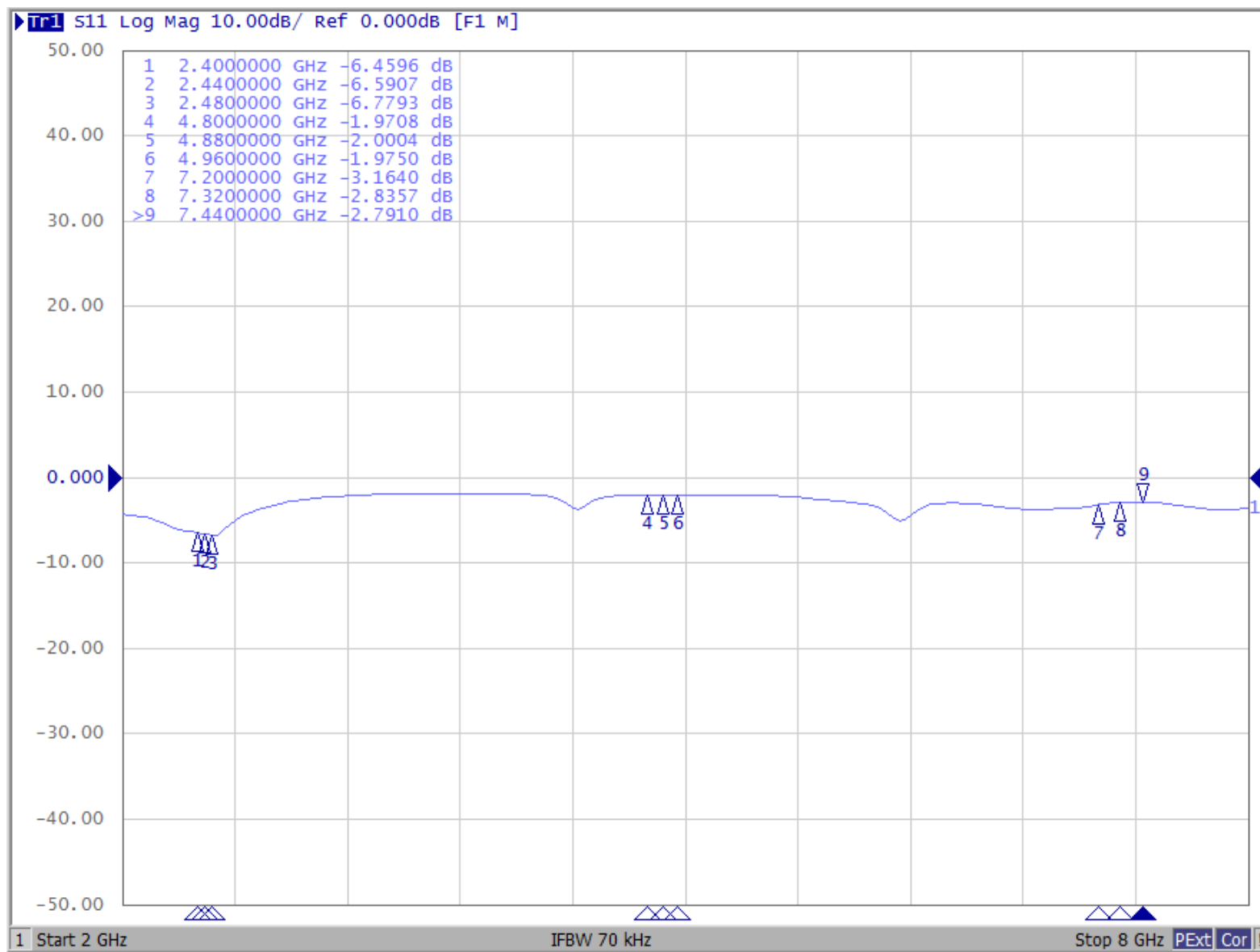
YOZ面



Antenna passive test data (BT-VSWR)



Antenna passive test data (BT-Return loss)



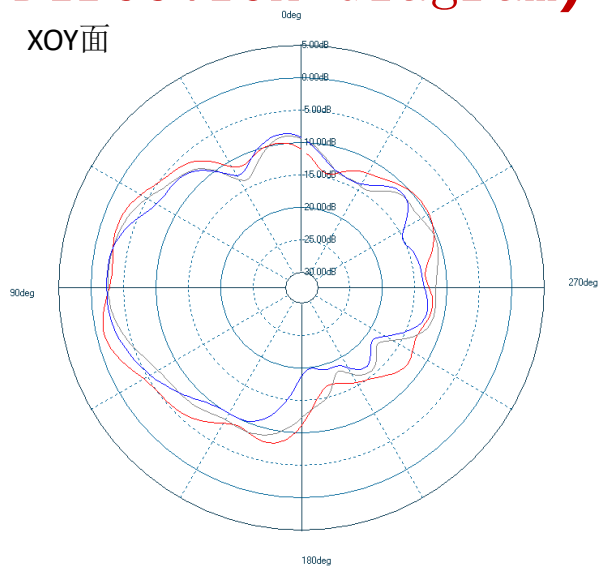
Antenna passive test data (BT)

Frequency Mhz	Peak Gain dB	Efficiency	
		%	dB
2400	1.83	23.05	-6.37
2410	1.77	22.60	-6.46
2420	1.94	22.61	-6.46
2430	2.00	22.36	-6.50
2440	1.91	20.39	-6.90
2450	1.85	20.13	-6.96
2460	1.97	20.03	-6.98
2470	1.88	20.17	-6.95
2480	1.74	20.32	-6.92
2490	1.89	20.70	-6.84
2500	1.95	20.89	-6.80

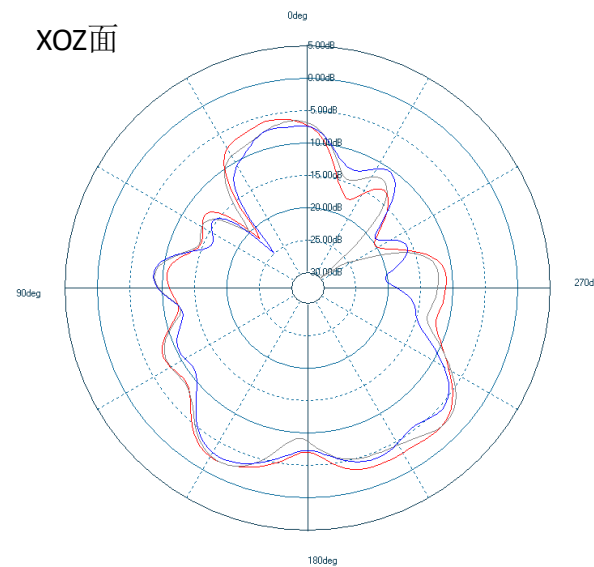
Antenna passive test data

(BT-2.4G Direction diagram)

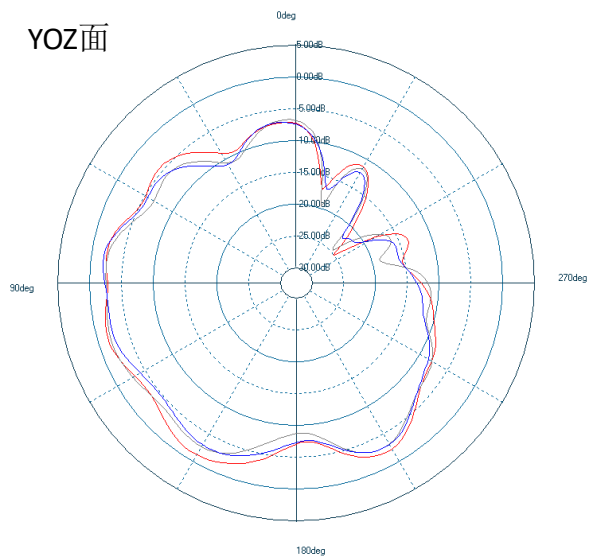
XOY面



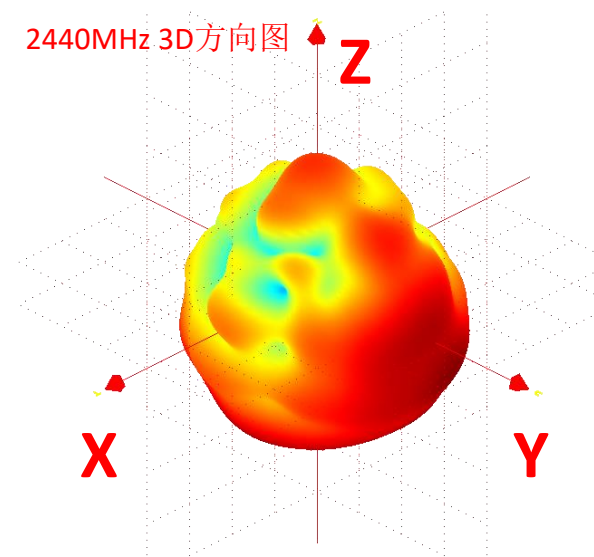
XOZ面



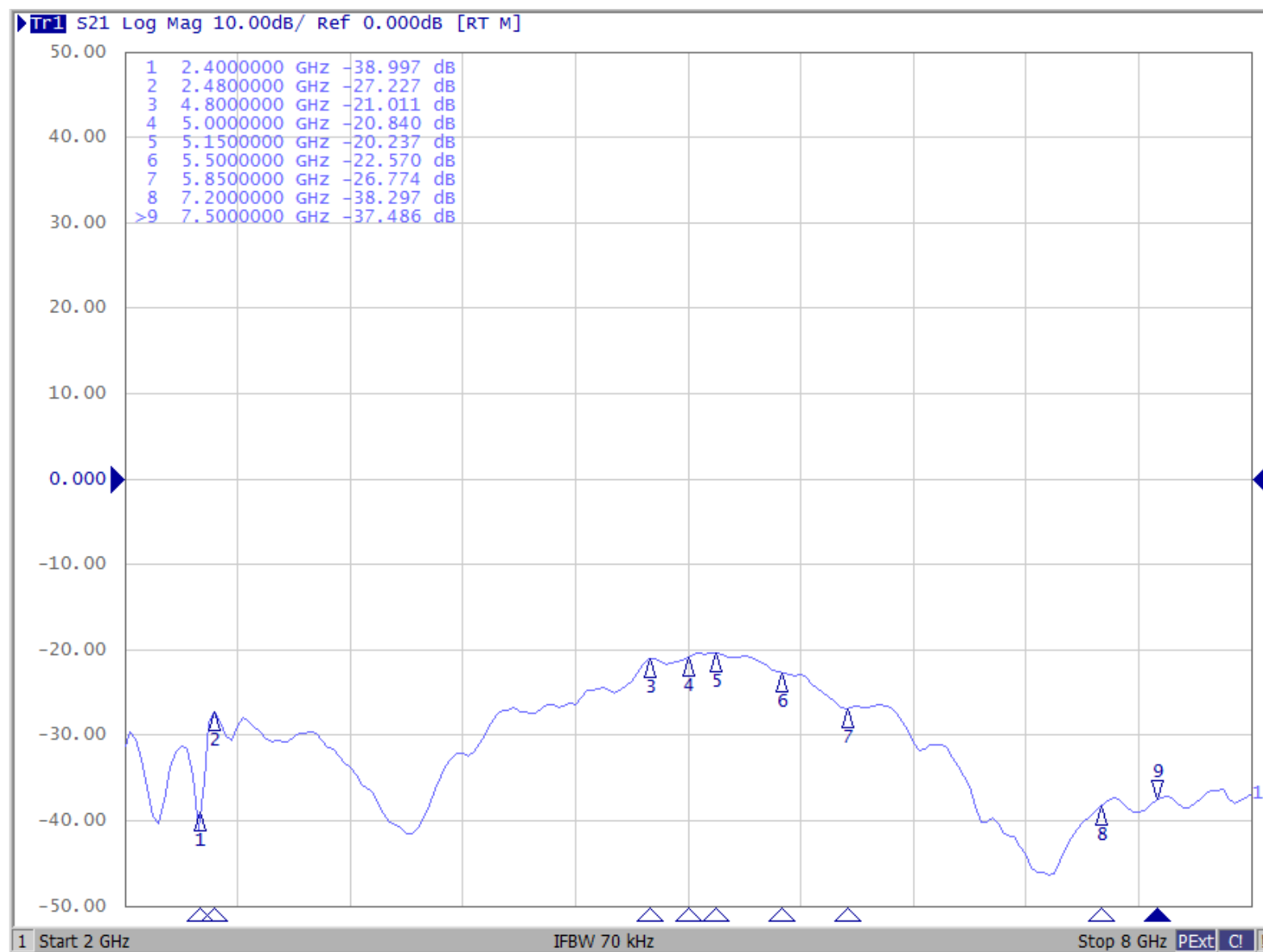
YOZ面



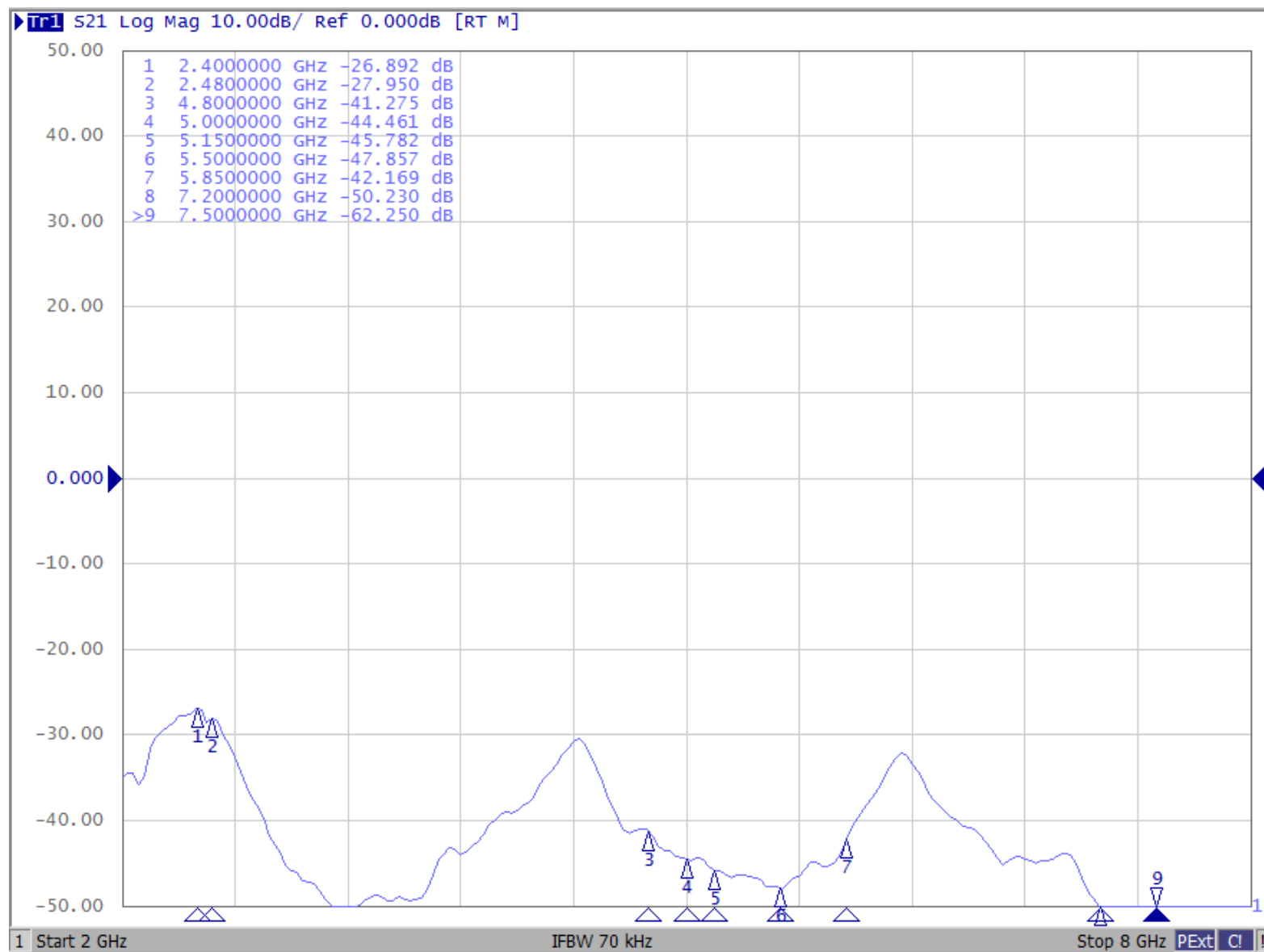
2440MHz 3D方向图



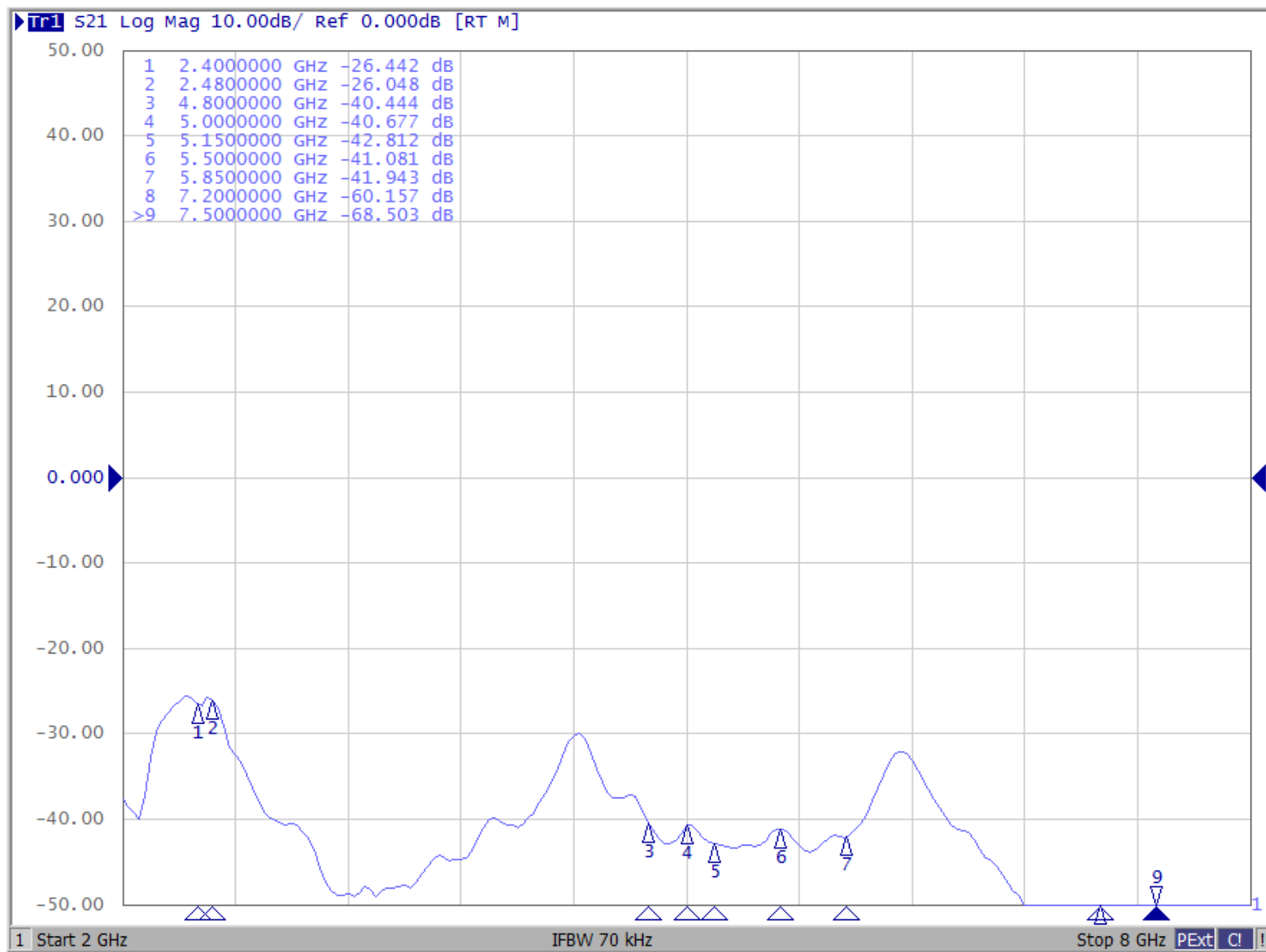
Antenna passive test data (ANT0&ANT1)



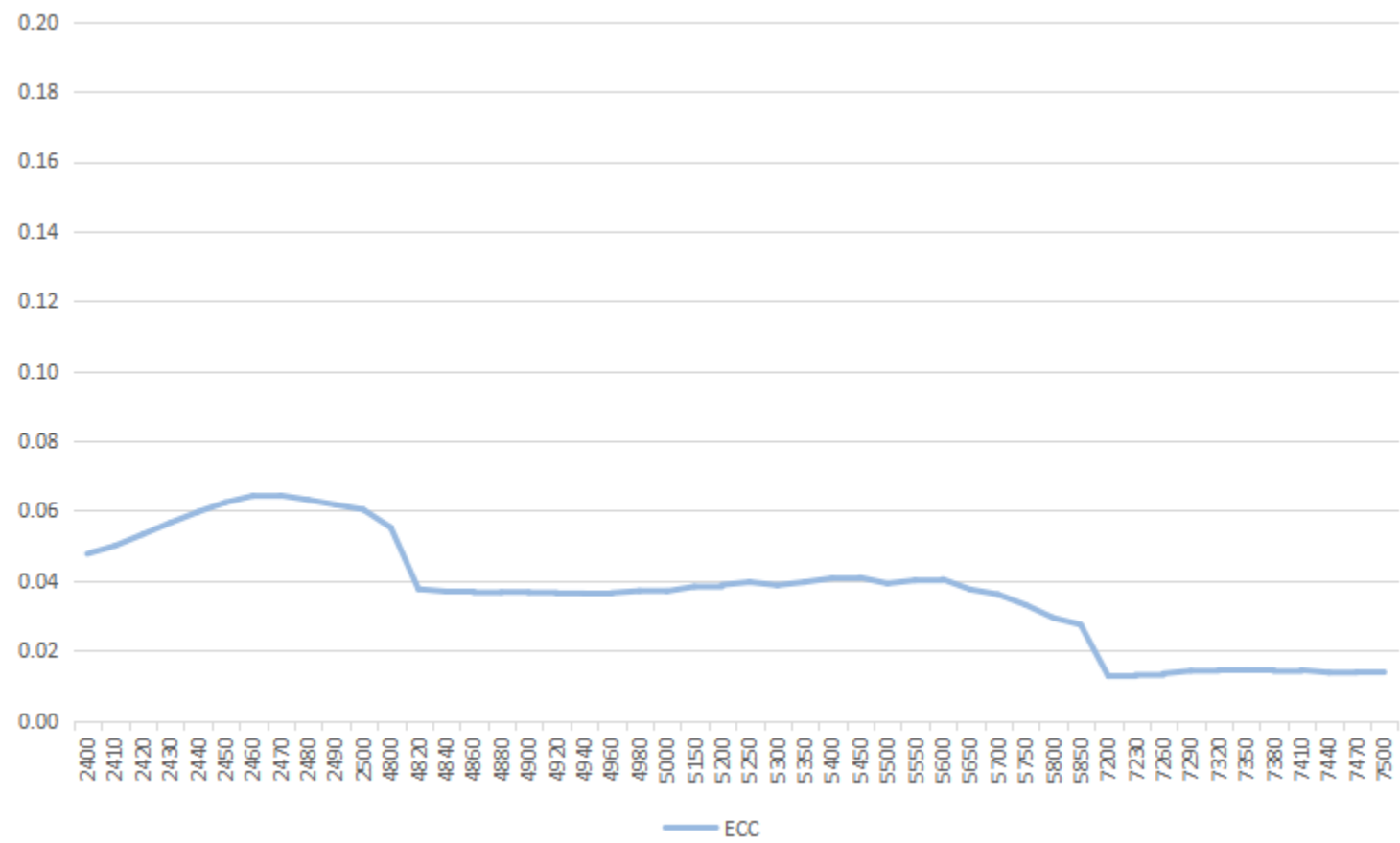
Antenna passive test data (ANT0&BT)



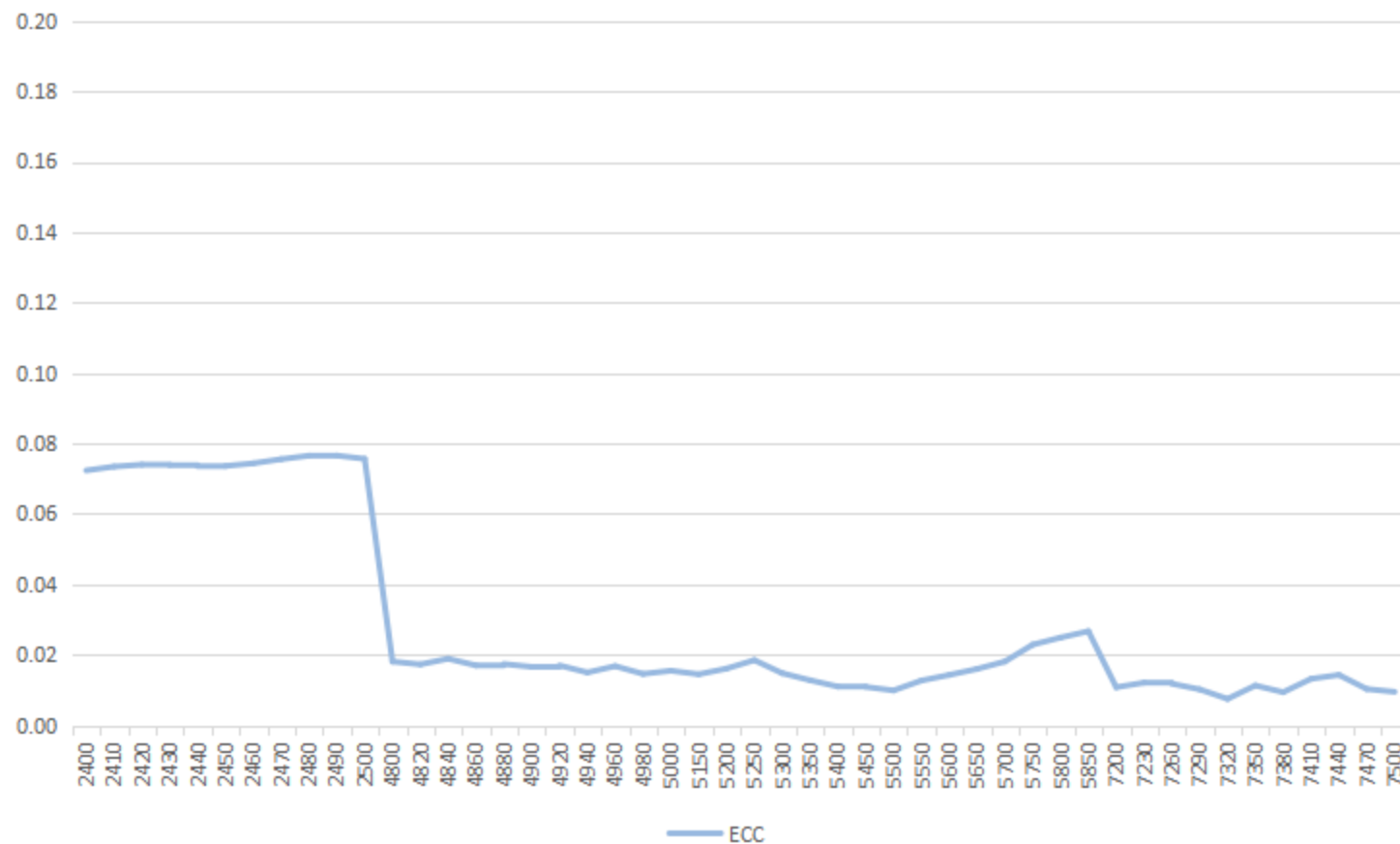
Antenna passive test data (ANT1&BT)



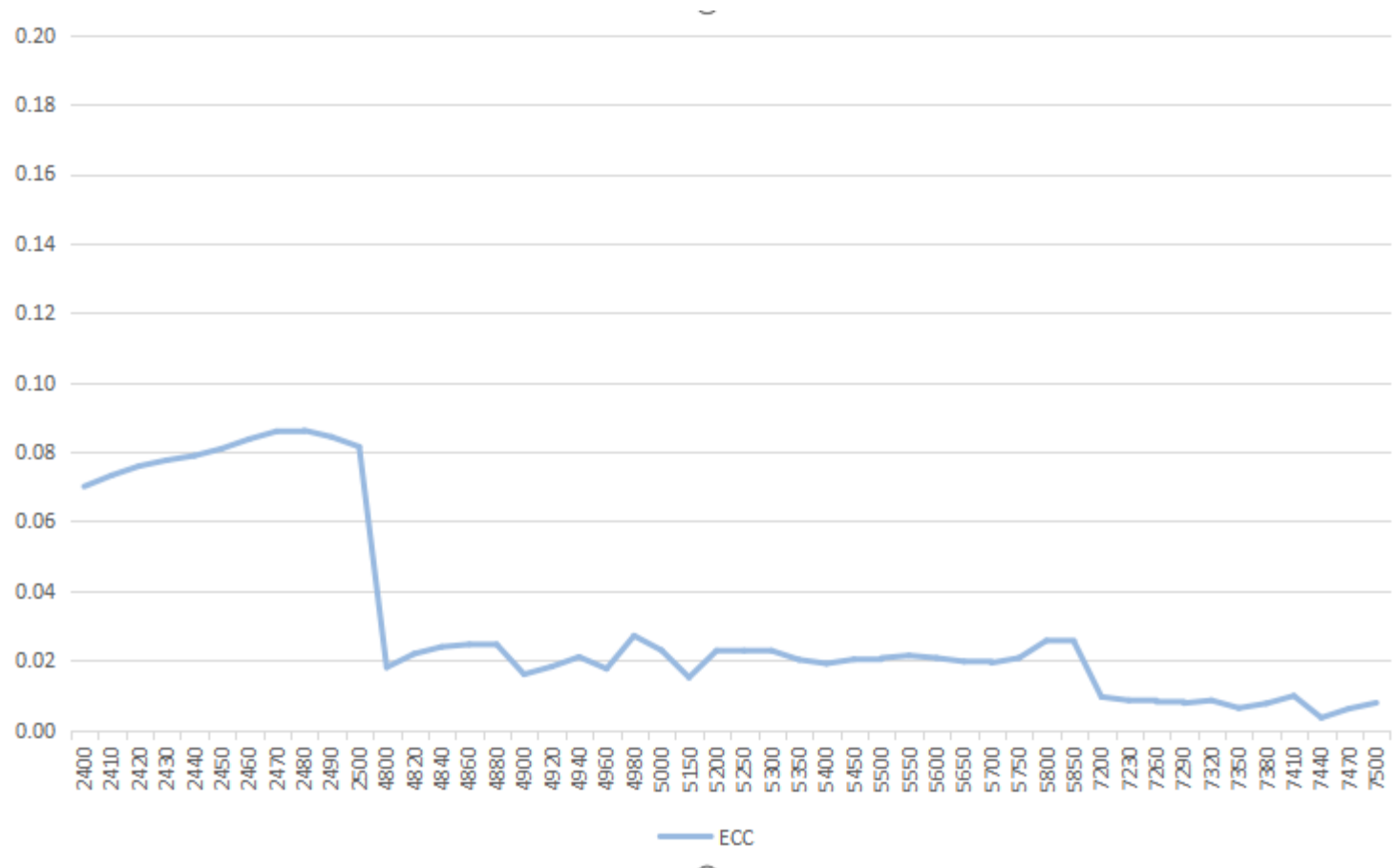
Antenna passive test data (ECC-ANT0&ANT1) ZTX 中天迅



Antenna passive test data (ECC-ANT0&BT)



Antenna passive test data (ECC-ANT1&BT)



Thank You

