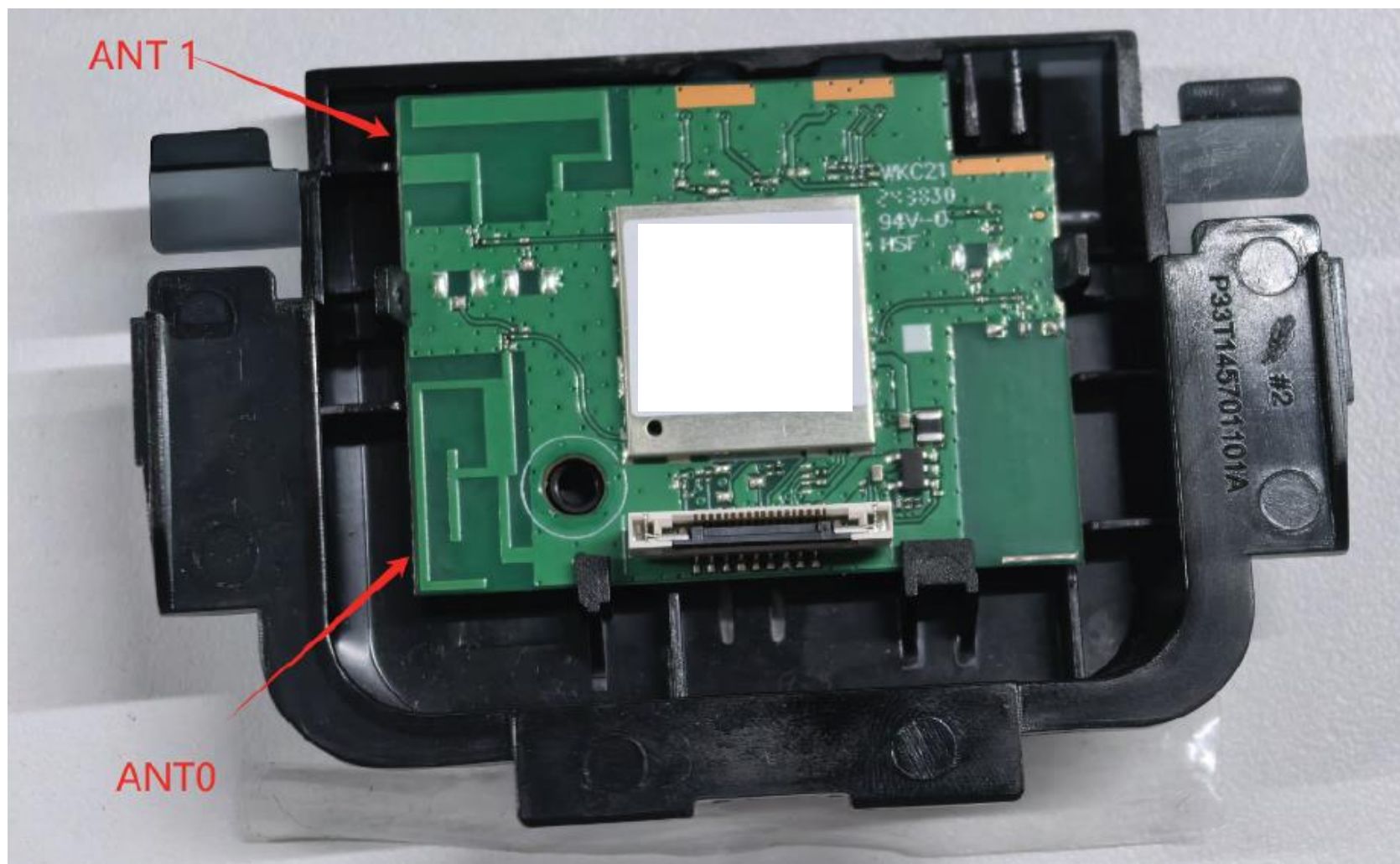


WKC21项目天线测试报告

WKC21 Project Antenna Test Report

- ❑ 模块实物图 Physical diagram of the module
- ❑ 测试信息 Test information
- ❑ 测试程序 Test program
- ❑ 测试环境 Test environment
- ❑ 天线无源测试数据 Passive antenna test data

模块实物图 Physical diagram of the module

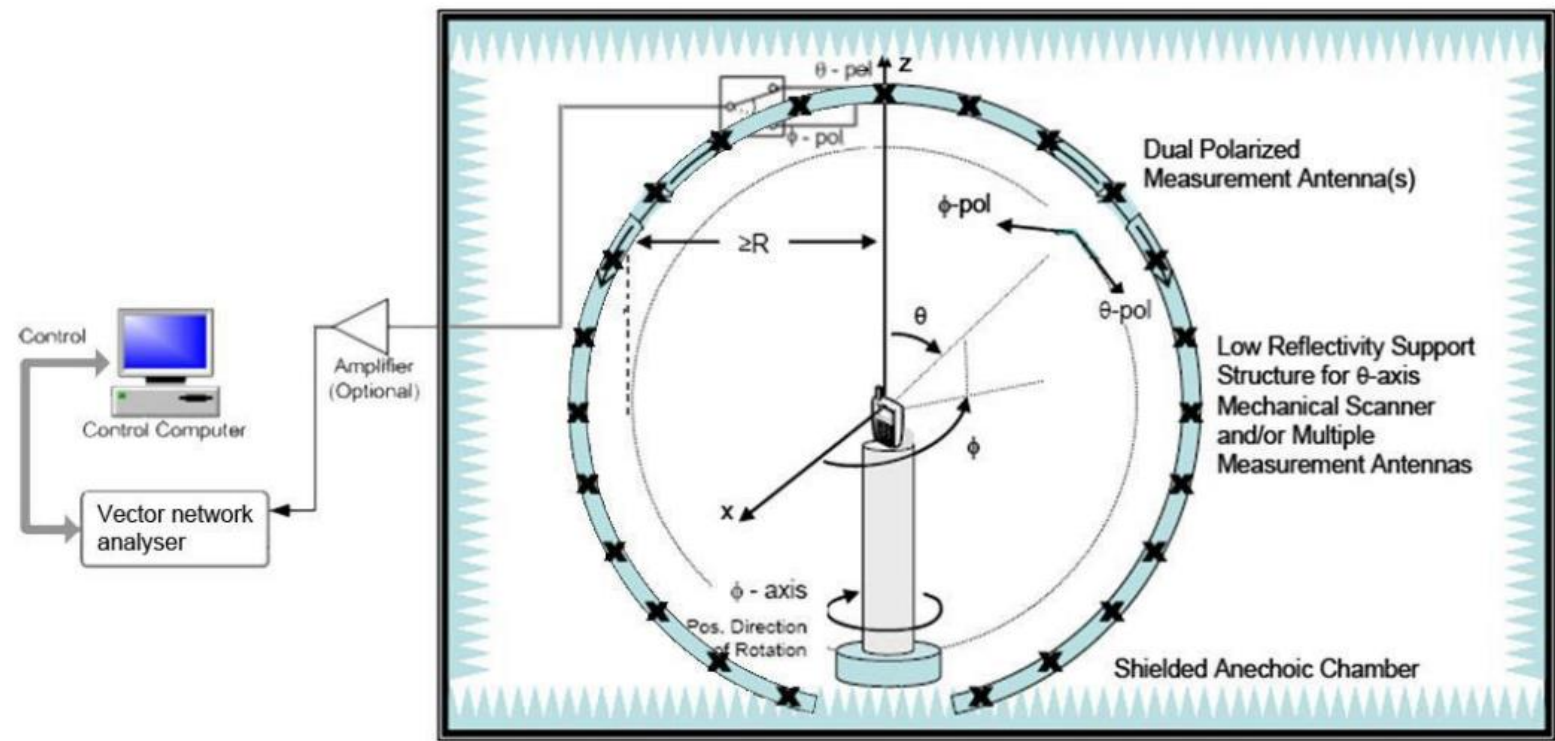


测试信息 Test information



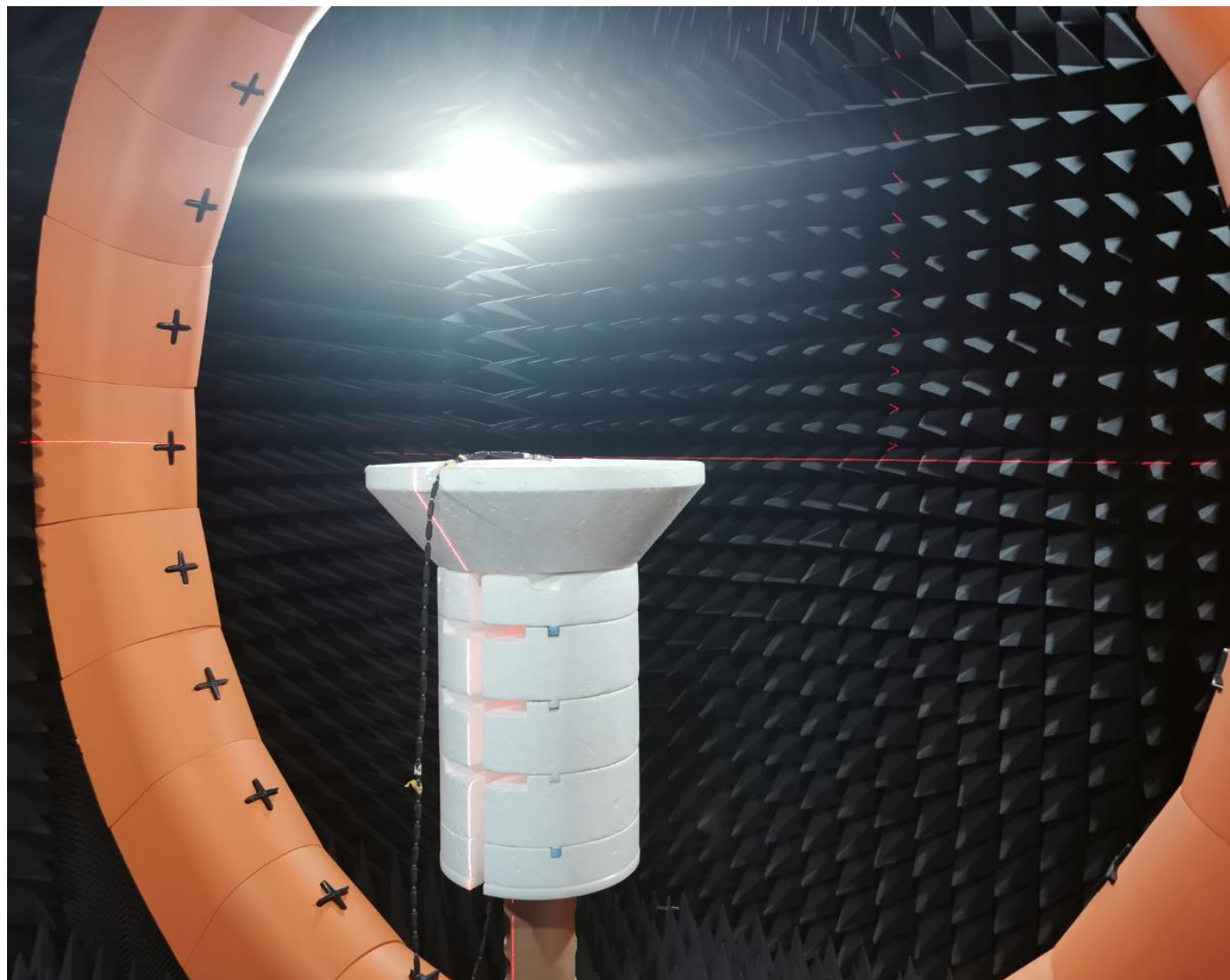
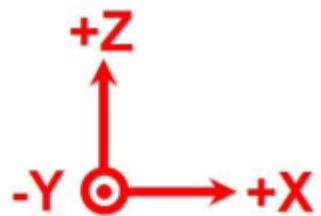
Testing laboratory	ZTX SATIMO SG24暗室
Address	No. 34 Shilong Road, Shiyan Street, Bao'an District, Shenzhen
Test Date	2025.5.16
Test Engineer	Zhao Feng
Test Software name	Satimo.Spm
Test Software version	1.5.5
Test standard	GB/T 9410-2008

测试程序 Test program

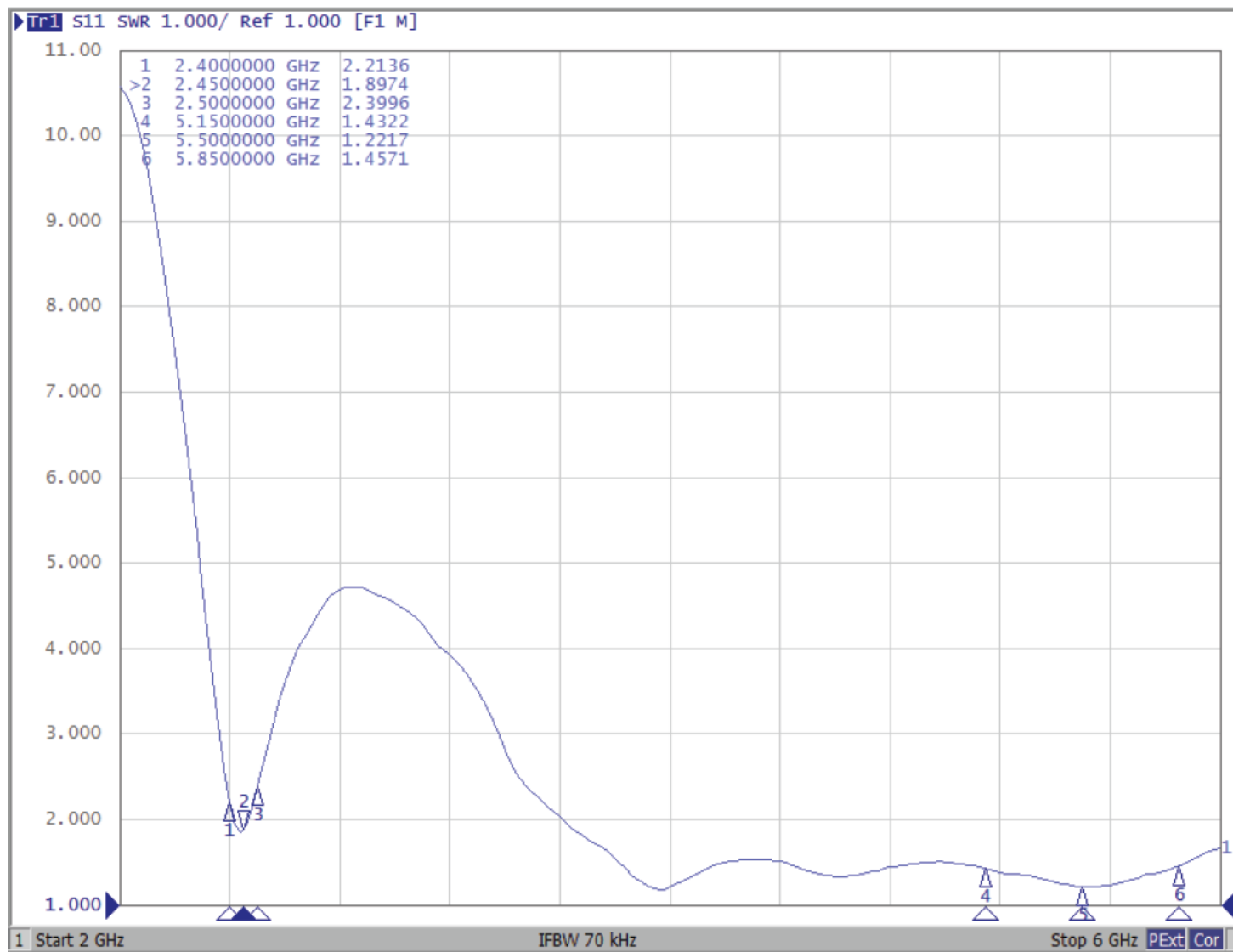


Equipment list	Equipment	Manufacturer	Model	SN	Last cal.	Dul Date
	Network analyzer	Keysight	E5071C	MY59202000	2025. 04. 16	2026. 04. 15
	SG24 antenna test system	SATIMO	SG24		2025. 04. 16	2026. 04. 15

测试环境 Test environment/photo



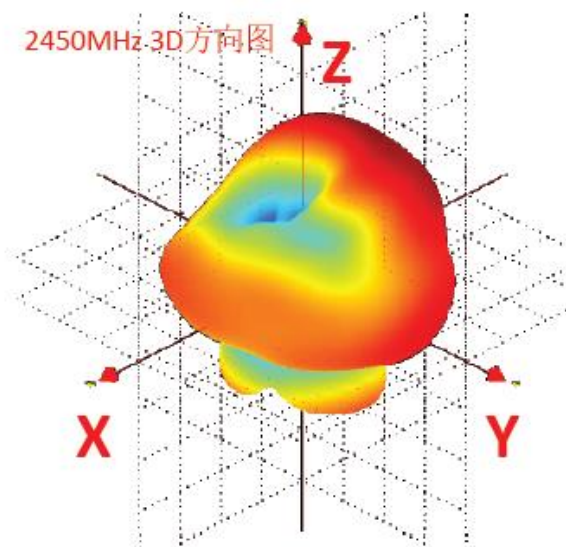
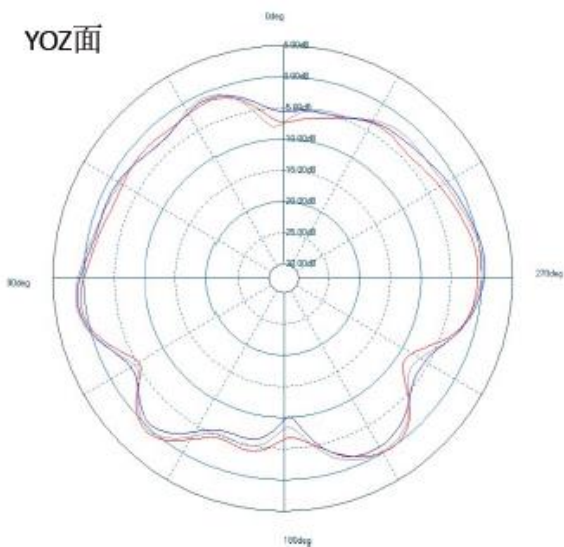
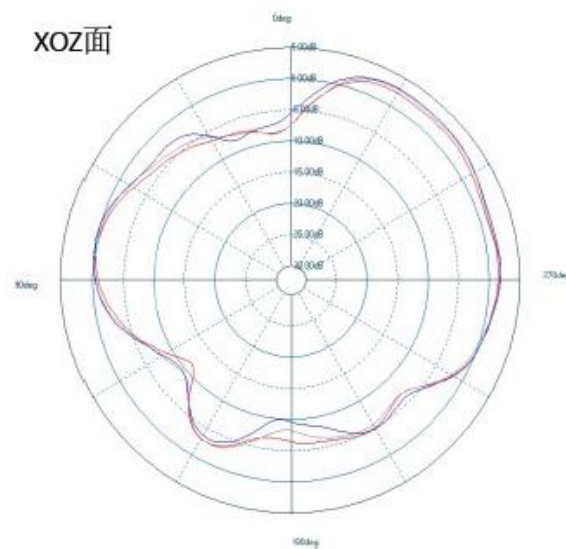
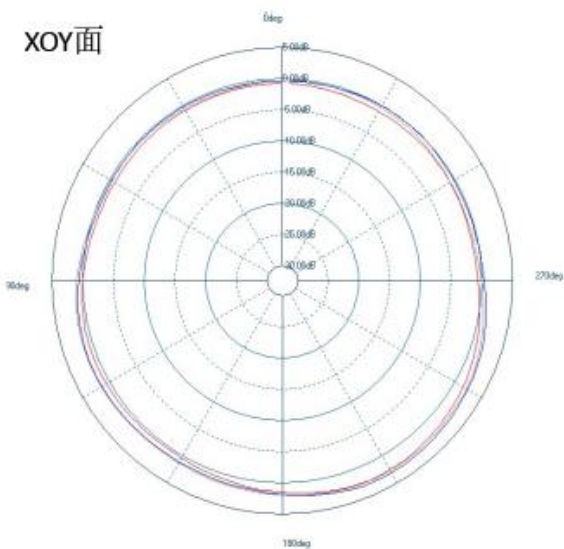
无源数据 (ANT1-驻波比) Passive antenna test data



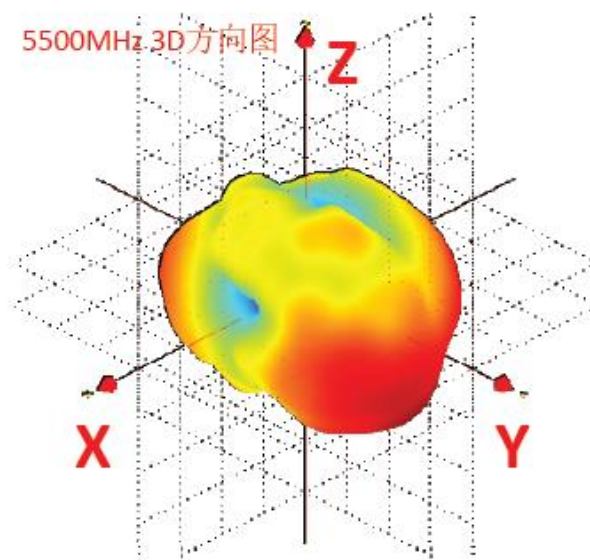
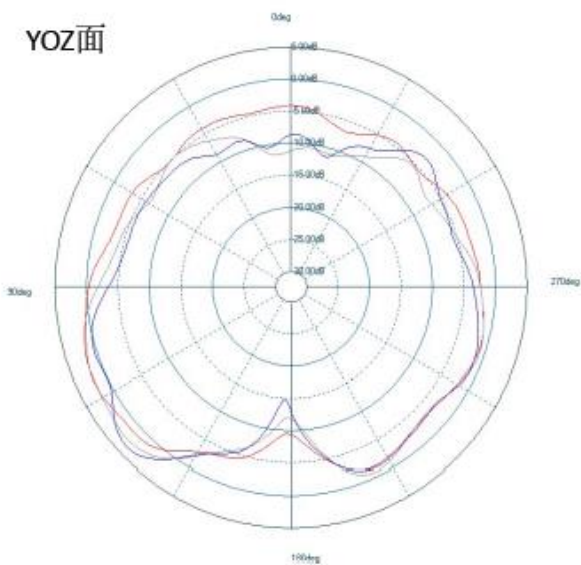
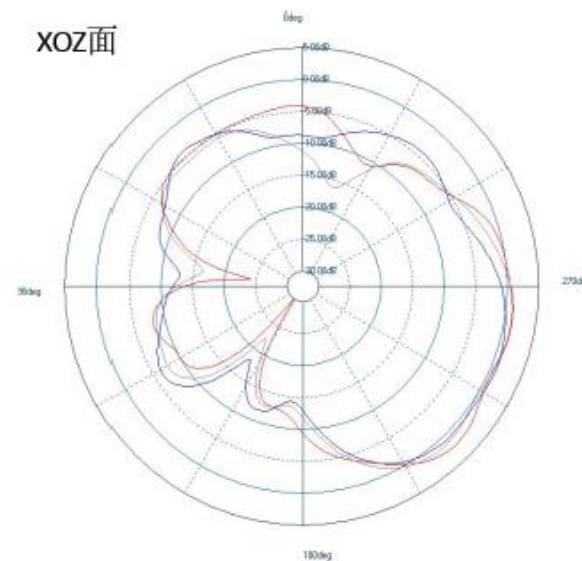
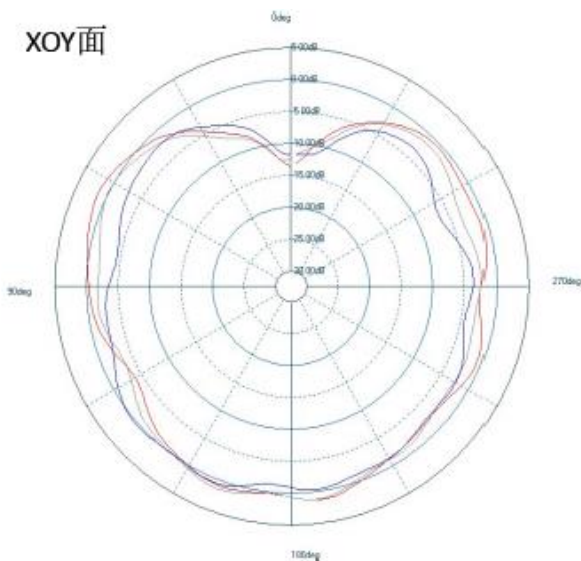
无源数据 (ANT1-效率/增益) Passive test data

Frequency	Efficiency	Efficiency . dB	Frequency	Gain . dB
2.4E+09	33%	-4.867502	2.4E+09	0.8595849
2.41E+	35%	-4.557026	2.41E+09	1.4071542
092.42E+	38%	-4.251855	2.42E+09	1.966603
092.43E+	41%	-3.857126	2.43E+09	2.5075479
092.44E+	42%	-3.795826	2.44E+09	2.485254
092.45E+	43%	-3.682991	2.45E+09	2.6074738
092.46E+	41%	-3.822179	2.46E+09	1.9336433
092.47E+	44%	-3.519786	2.47E+09	2.5072526
092.48E+	42%	-3.808625	2.48E+09	2.4736361
092.49E+	40%	-3.92577	2.49E+09	2.4684744
09	39%	-4.082389	2.5E+09	2.3336932
2.5E+09	61%	-2.131252	5.15E+09	1.713633
5.15E+09	60%	-2.208682	5.2E+09	1.6843851
5.2E+09	55%	-2.557965	5.25E+09	1.3709973
5.25E+09	57%	-2.427355	5.3E+09	1.5266692
5.3E+09	60%	-2.188881	5.35E+09	1.7008667
5.35E+09	57%	-2.439418	5.4E+09	1.558325
5.4E+09	59%	-2.258107	5.45E+09	1.7141264
5.45E+09	56%	-2.485005	5.5E+09	1.4219661
5.5E+09	60%	-2.186215	5.55E+09	1.5924941
5.55E+09	60%	-2.182577	5.6E+09	1.4746603
5.6E+09	62%	-2.102063	5.65E+09	1.5694444
5.65E+09	62%	-2.086621	5.7E+09	1.634691
5.7E+09	61%	-2.122846	5.75E+09	1.404741
5.75E+09	58%	-2.386881	5.8E+09	1.3805666
5.8E+09	57%	-2.469059	5.85E+09	1.4625126
5.85E+09				

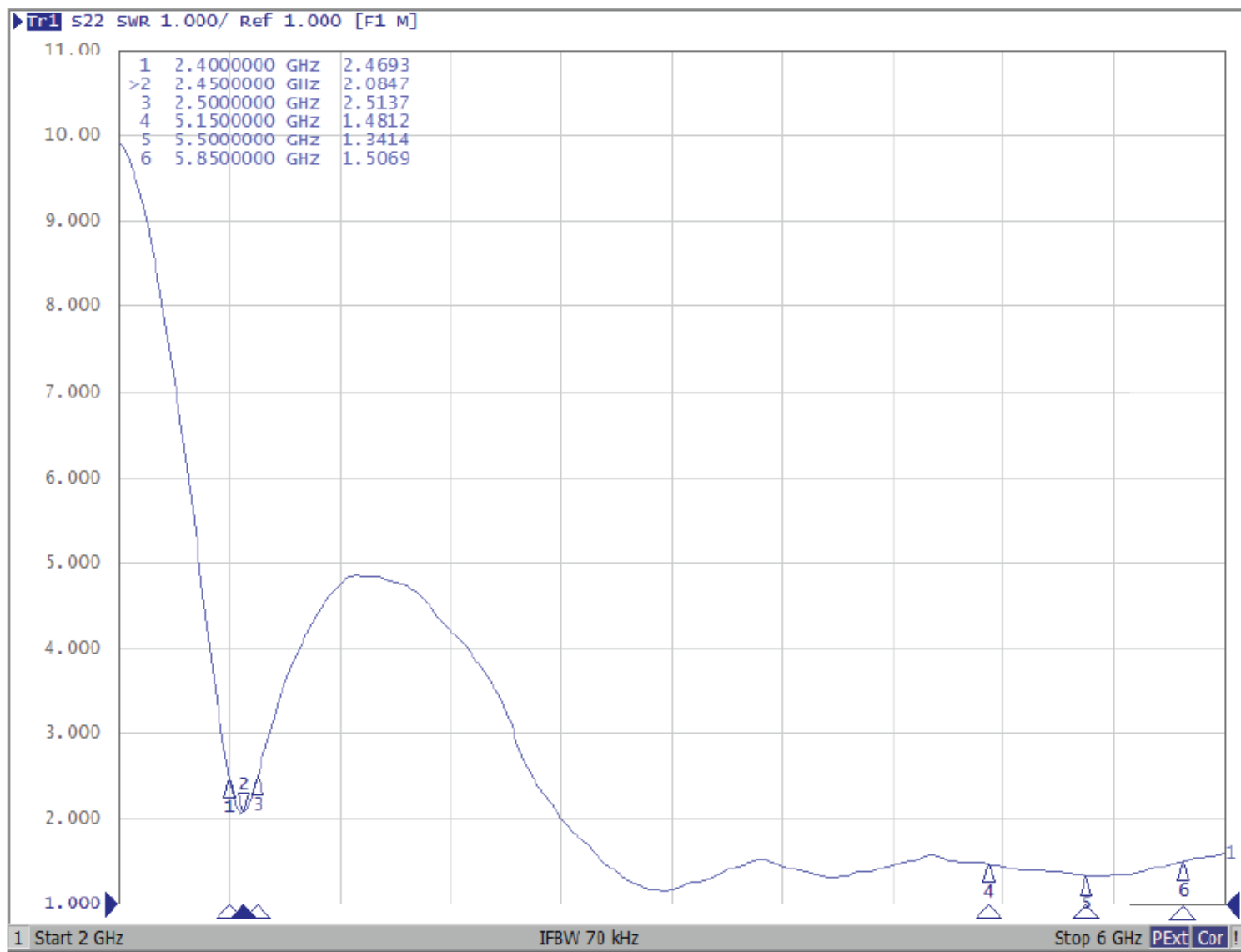
无源数据 (ANT1-2.4G方向图) Passive test data



无源数据 (ANT1-5G方向图) Passive test data



无源数据 (ANT2-驻波比) Passive test data

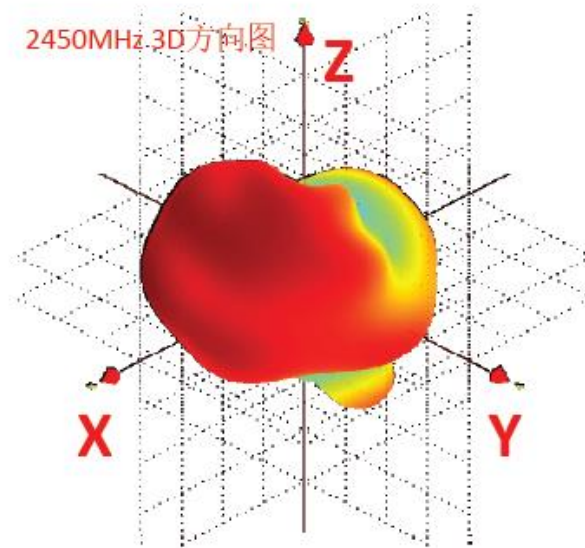
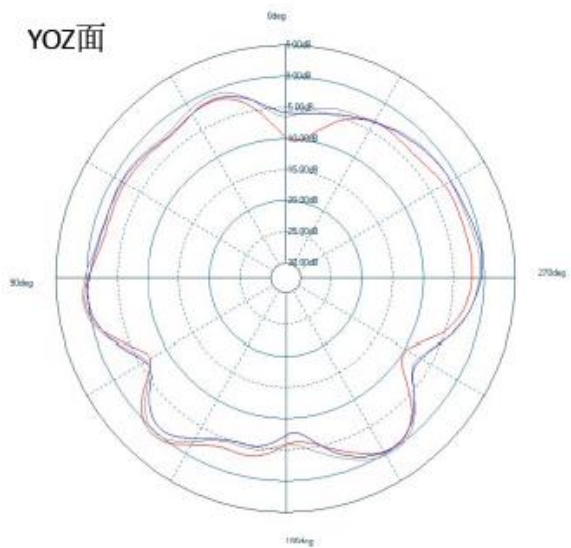
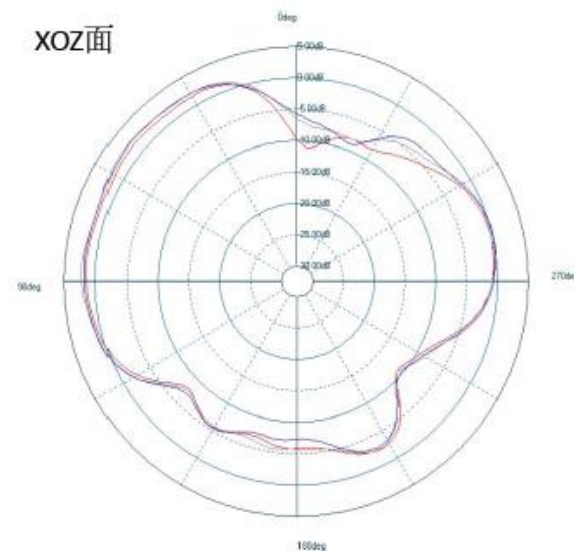
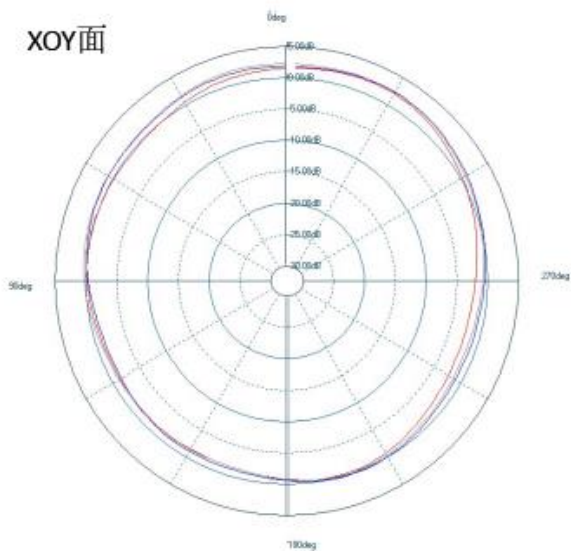


无源数据 (ANT2-效率/增益) Passive test data

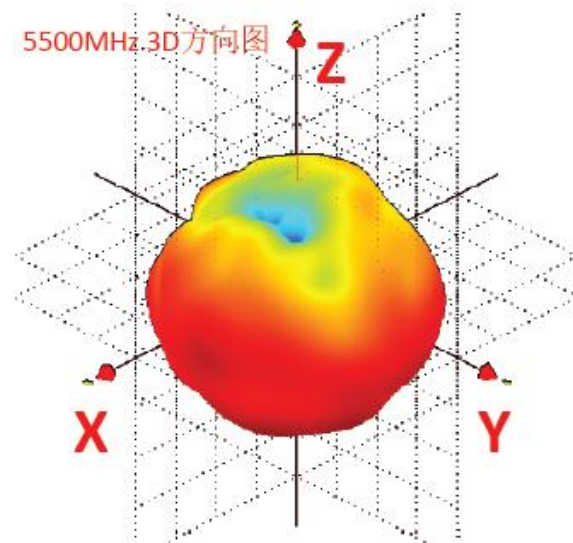
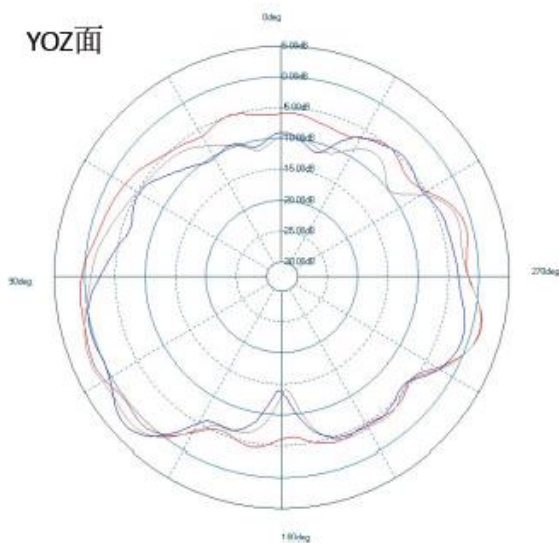
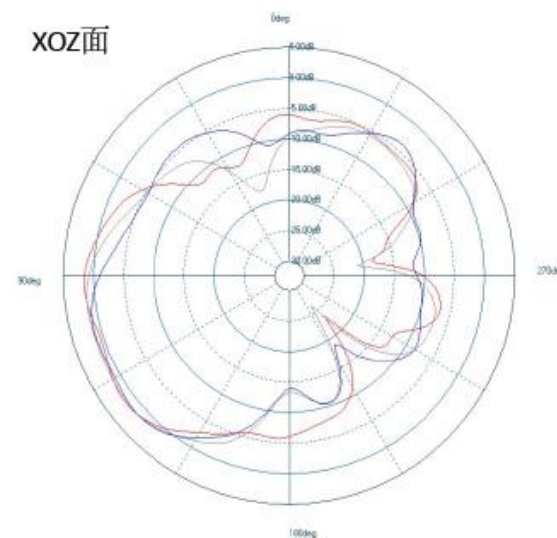
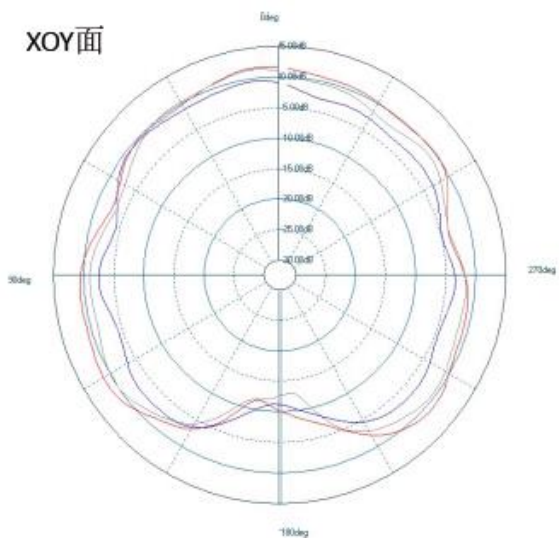


Frequency	Efficiency	Efficiency . dB	Frequency	Gain . dB
2. 4E+09	29%	-5. 309967	2. 4E+09	-0. 072304
2. 41E+	31%	-5. 112817	2. 41E+09	0. 1268546
092. 42E+	33%	-4. 830232	2. 42E+09	0. 5466032
092. 43E+	35%	-4. 573683	2. 43E+09	0. 7769431
092. 44E+	35%	-4. 522733	2. 44E+09	0. 9325031
092. 45E+	36%	-4. 454077	2. 45E+09	1. 2402065
092. 46E+	37%	-4. 314246	2. 46E+09	1. 0547703
092. 47E+	38%	-4. 226153	2. 47E+09	0. 8545668
092. 48E+	35%	-4. 503268	2. 48E+09	0. 7603756
092. 49E+	35%	-4. 571813	2. 49E+09	0. 9190574
09	33%	-4. 788644	2. 5E+09	0. 4520712
2. 5E+09	61%	-2. 174525	5. 15E+09	2. 037352
5. 15E+09	59%	-2. 265881	5. 2E+09	1. 9181811
5. 2E+09	54%	-2. 662192	5. 25E+09	1. 6998295
5. 25E+09	56%	-2. 522412	5. 3E+09	1. 8331756
5. 3E+09	59%	-2. 290783	5. 35E+09	2. 1184093
5. 35E+09	56%	-2. 525254	5. 4E+09	1. 7701203
5. 4E+09	58%	-2. 367184	5. 45E+09	1. 9898249
5. 45E+09	55%	-2. 558144	5. 5E+09	1. 7264304
5. 5E+09	59%	-2. 319565	5. 55E+09	1. 8762763
5. 55E+09	59%	-2. 319499	5. 6E+09	1. 9972027
5. 6E+09	60%	-2. 236221	5. 65E+09	2. 1004426
5. 65E+09	61%	-2. 141429	5. 7E+09	2. 563646
5. 7E+09	60%	-2. 219674	5. 75E+09	2. 0035085
5. 75E+09	56%	-2. 511236	5. 8E+09	1. 4953387
5. 8E+09	55%	-2. 589636	5. 85E+09	1. 4267442
5. 85E+09				

无源数据 (ANT2-2.4G方向图) Passive test data



无源数据 (ANT2-5G方向图) Passive test data



Thank You

