



Shenzhen Anchuang Zhilian Electronics Co., LTD

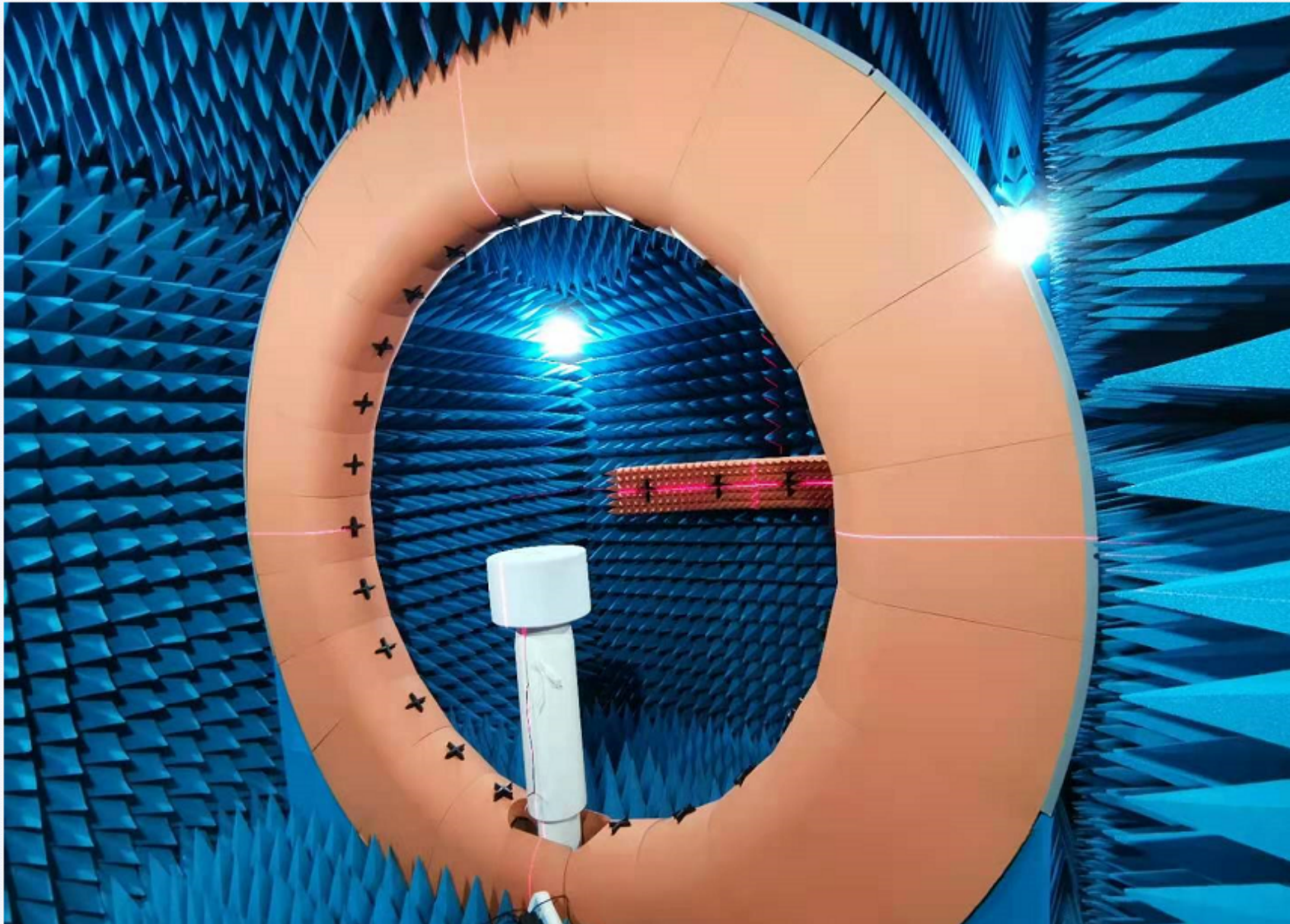
Antenna commissioning report

Add: 5F, 5th Floor, Building L, Baicai Science Park, Xingdong, Baoan District, Shenzhen

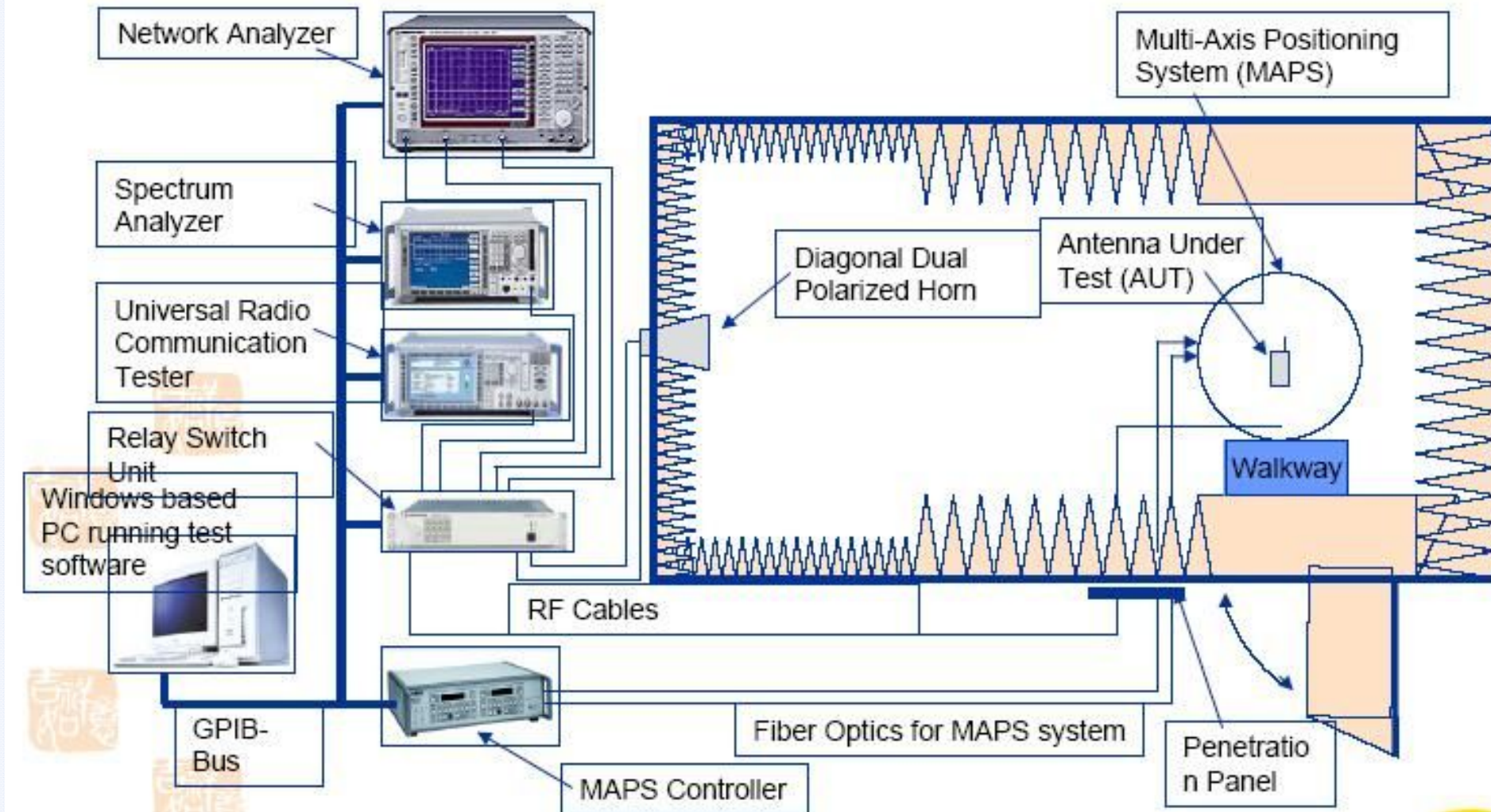
Project information

client:	XINFEN GWEIYE	item:	R80	date:	2023.12.5
frequency band	2400-2500MHZ	5150-5250MHZ	5250-5350MHZ	5470-5725MHZ	5725-5850MHZ
Antenna material	shrapnel				
RF engineering	zhaoyang				
Antenna type	A-Blank parameter: A1159-A B-Blank parameter: A1159-B				
Antenna type	Shrapnel + bracket				

SATIMO



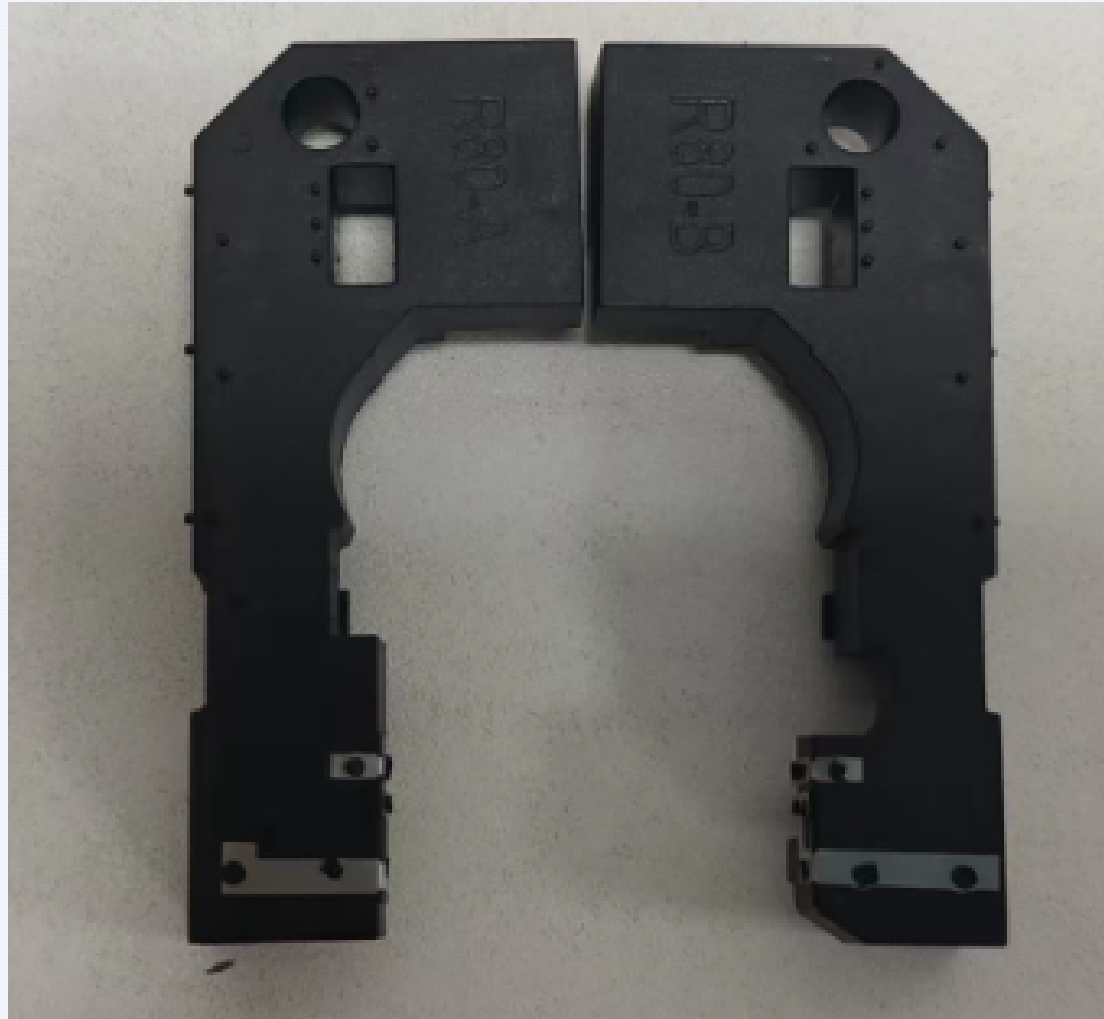
Test system



catalogue

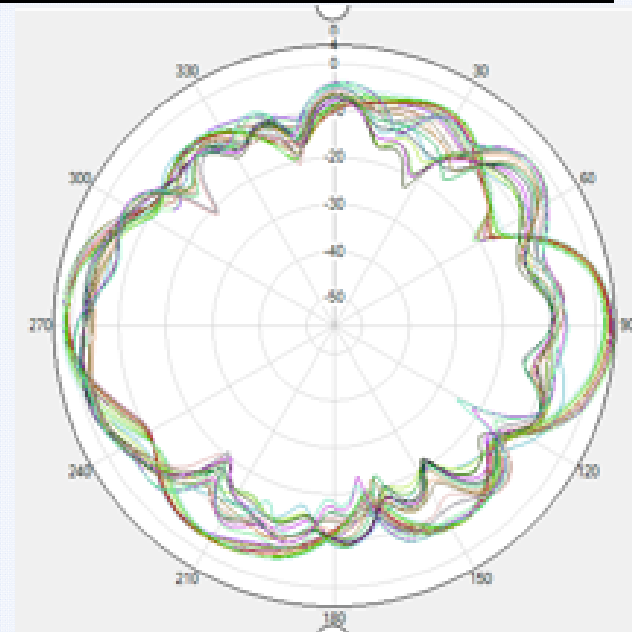
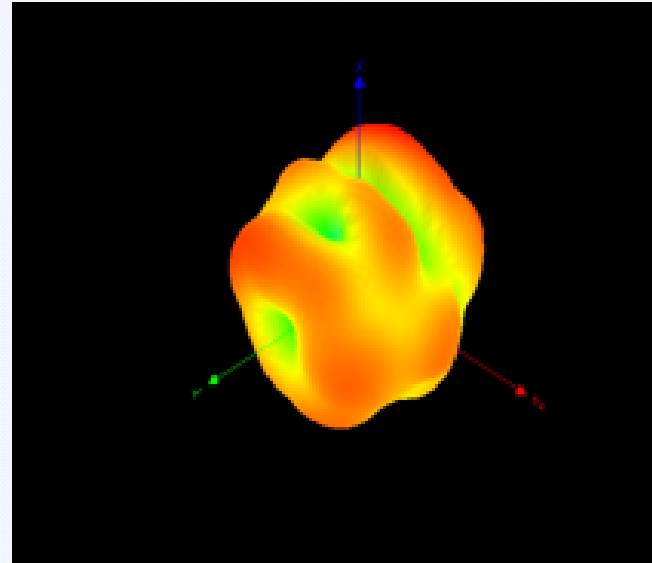
- 1、 Product drawing
- 2、 Matching circuit
- 3、 Test data

Product drawing

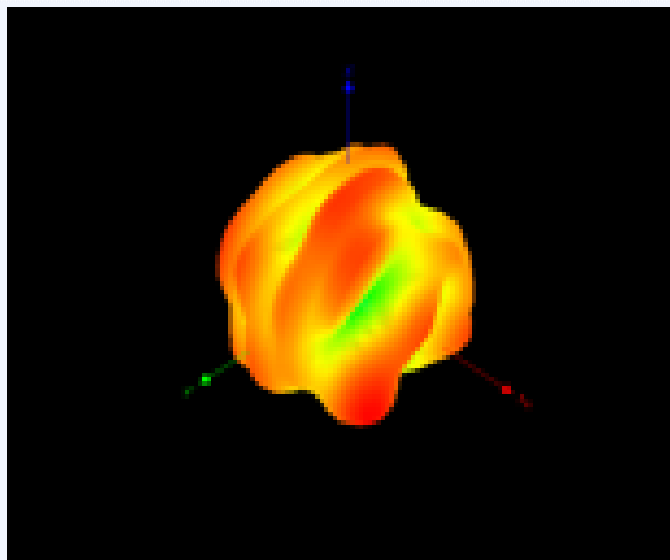


A-Blank parameter

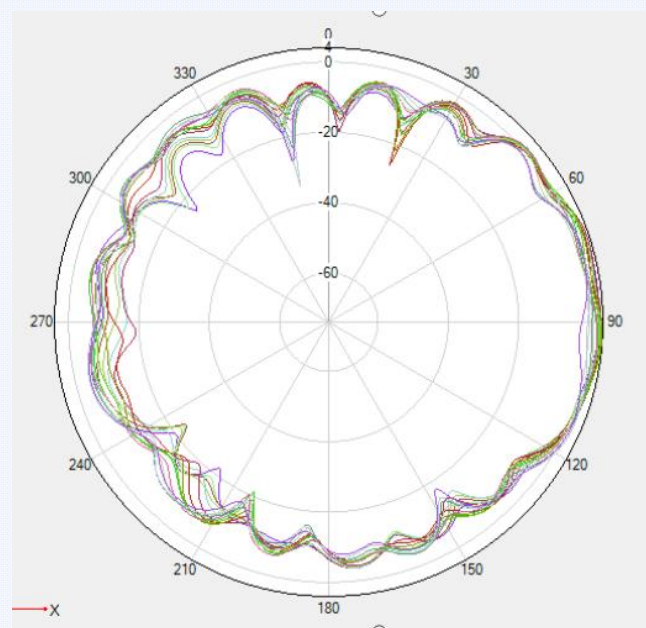
Frequency / MHz	Efficiency / dB	Efficiency / %	Gain/ dBi
2400	-3.14	51.09	3.35
2410	-3.1	51.66	3.28
2420	-3.19	50.39	3.21
2430	-3.17	50.67	3.33
2440	-3.01	52.95	3.52
2450	-3.1	51.66	3.37
2460	-3.27	49.29	3.24
2470	-3.22	49.98	3.14
2480	-3.37	47.94	3.04
2490	-3.49	46.36	2.83
2500	-3.33	48.48	3.02



A-Blank parameter

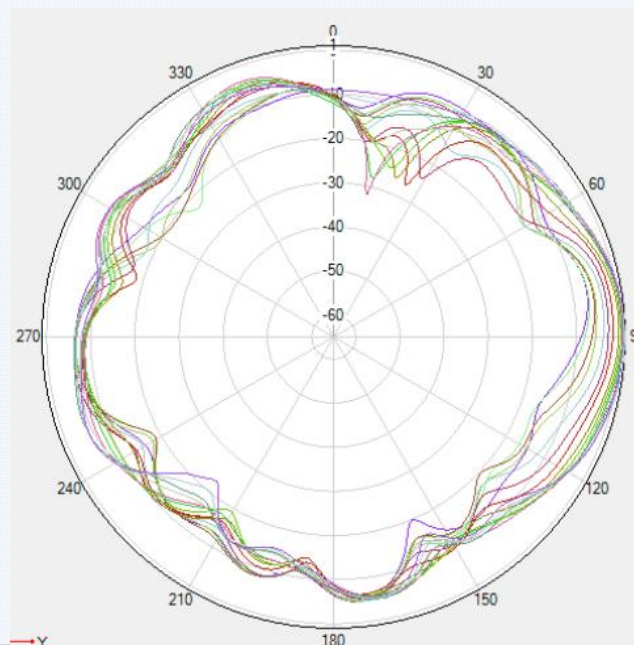
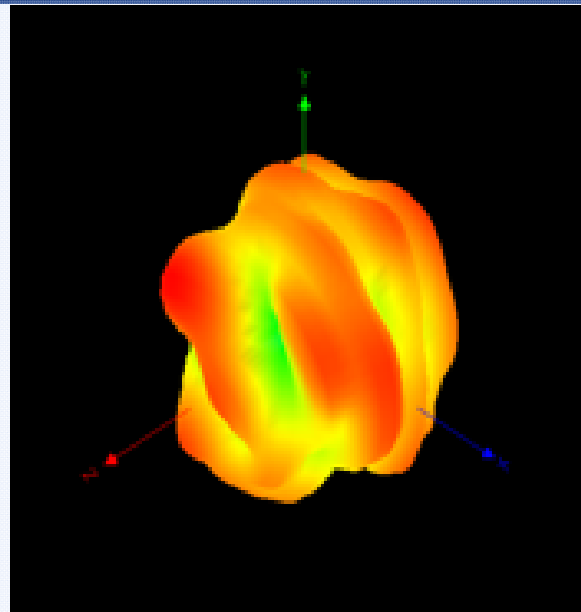


Frequency / MHz	Efficiency / dB	Efficiency / %	Gain/ dBi
5150	-4.92	32.21	1.2
5250	-5.02	31.48	1.24



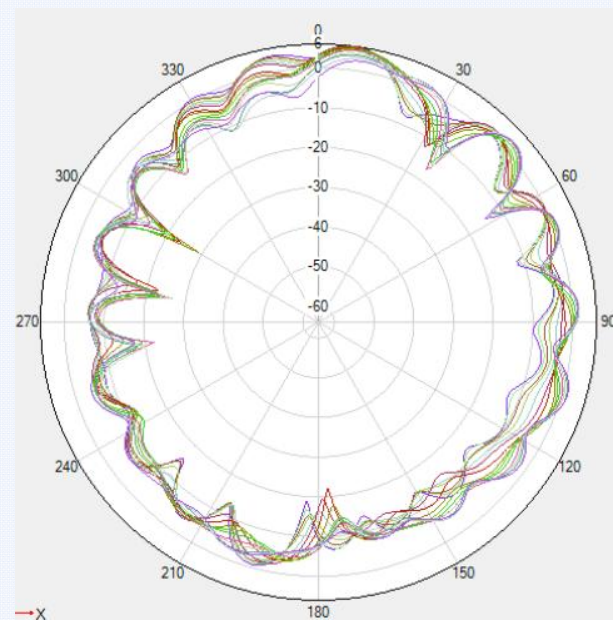
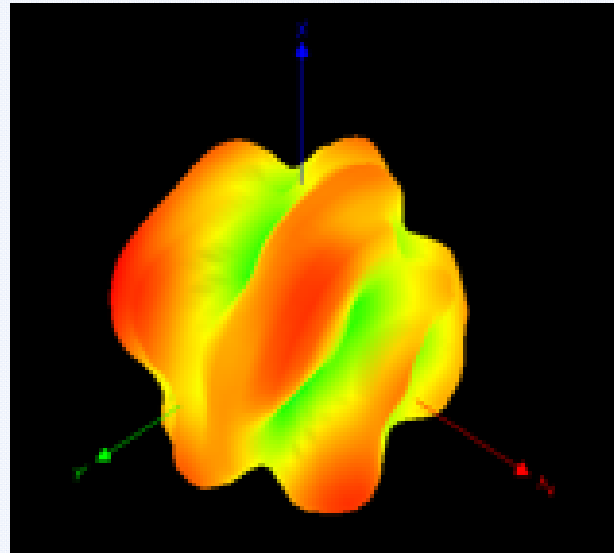
A-Blank parameter

Frequency / MHz	Efficiency / dB	Efficiency / %	Gain/ dBi
5250	-4.62	34.51	1.86
5350	-4.38	36.48	2.04



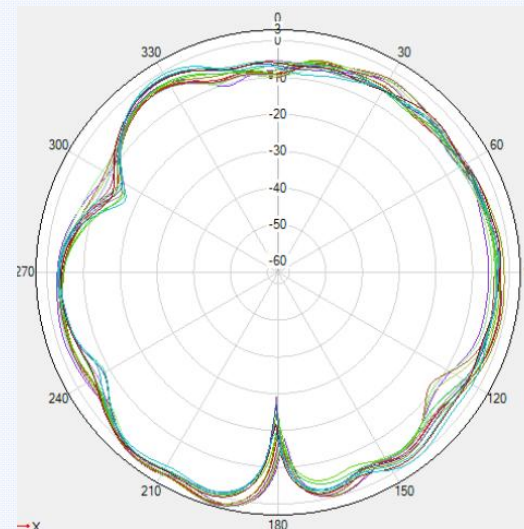
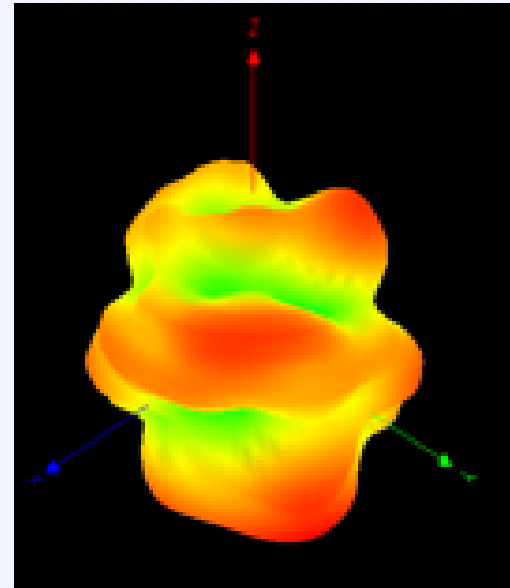
A-Blank parameter

Frequency / MHz	Efficiency / dB	Efficiency / %	Gain/ dBi
5470	-3.79	39.76	2.45
5725	-3.46	40.13	2.89



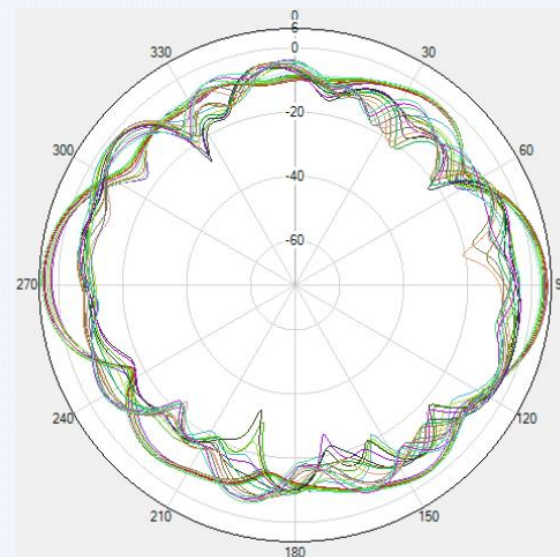
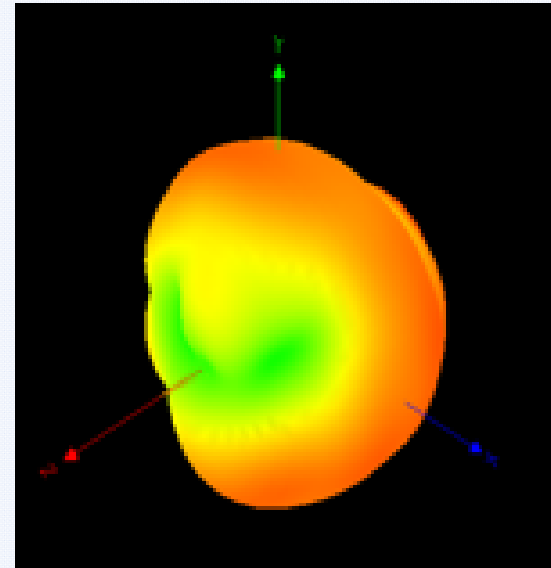
A-Blank parameter

Frequency / MHz	Efficiency / dB	Efficiency / %	Gain/ dBi
5725	-3.48	40.92	3.22
5850	-3.85	40.17	2.7



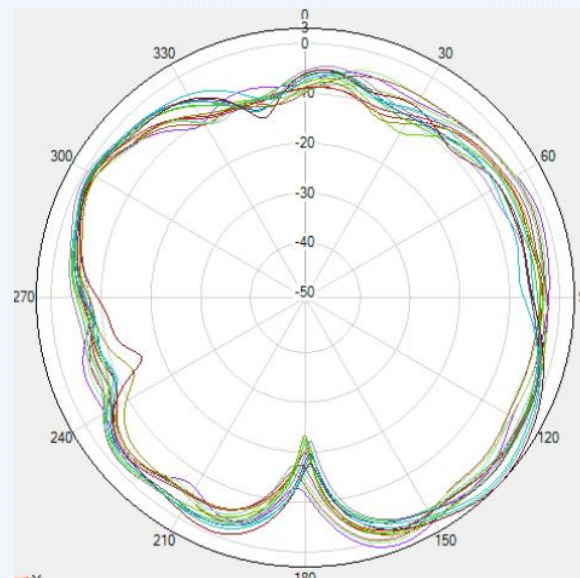
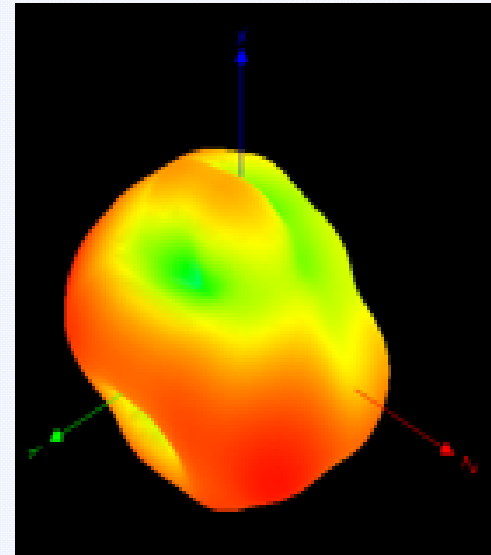
B-Blank parameter

Frequency / MHz	Efficiency / dB	Efficiency / %	Gain/ dBi
2400	-3.01	50.03	2.12
2410	-2.92	51.05	2.28
2420	-2.93	50.93	2.48
2430	-2.93	50.93	2.82
2440	-2.72	53.46	3.2
2450	-2.73	53.33	3.36
2460	-2.52	55.15	3.3
2470	-2.54	55.02	3.48
2480	-2.85	51.42	3.28
2490	-2.96	50.39	3.13
2500	-2.91	50.08	2.97



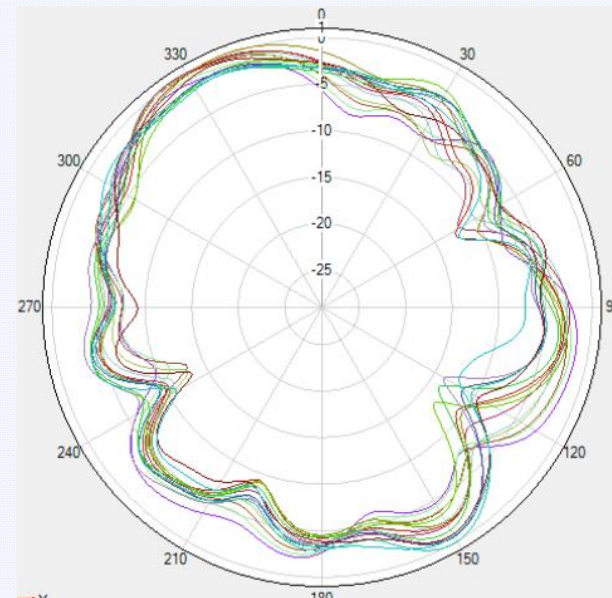
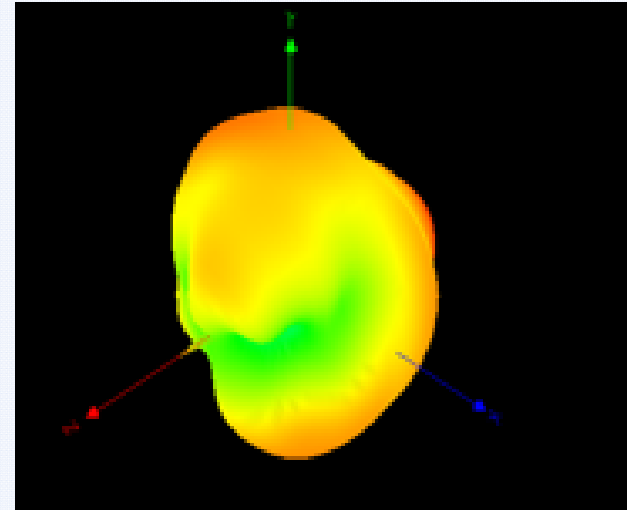
B-Blank parameter

Frequency / MHz	Efficiency / dB	Efficiency / %	Gain/ dBi
5150	-2.83	52.12	3.07
5250	-2.77	52.84	3.26



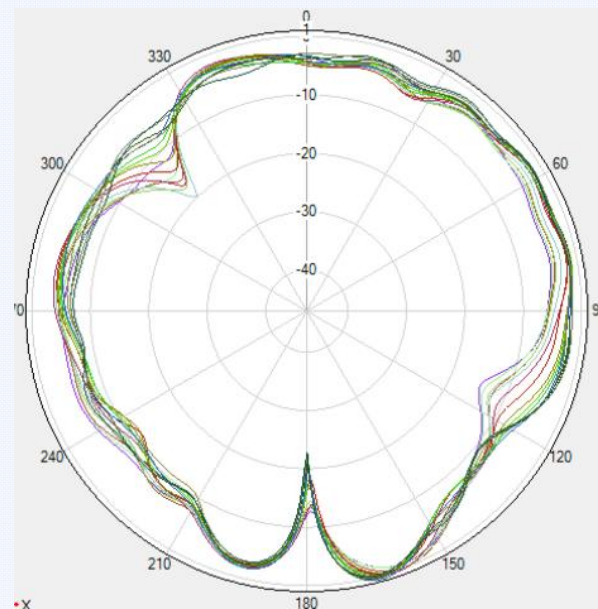
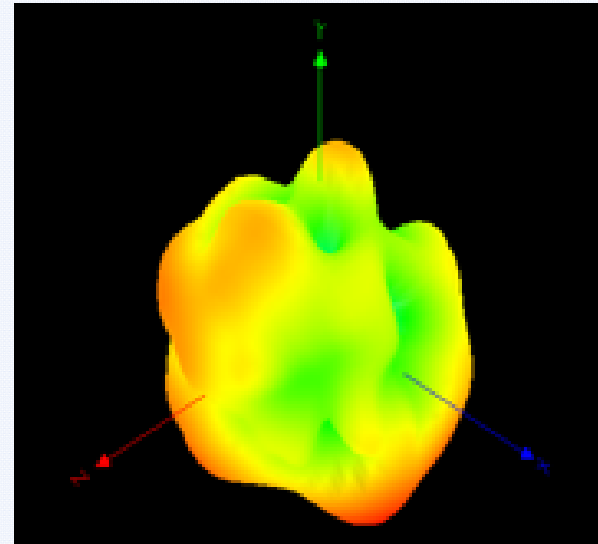
B-Blank parameter

Frequency / MHz	Efficiency / dB	Efficiency / %	Gain/ dBi
5250	-2.74	53.21	3.46
5350	-2.62	54.7	3.45



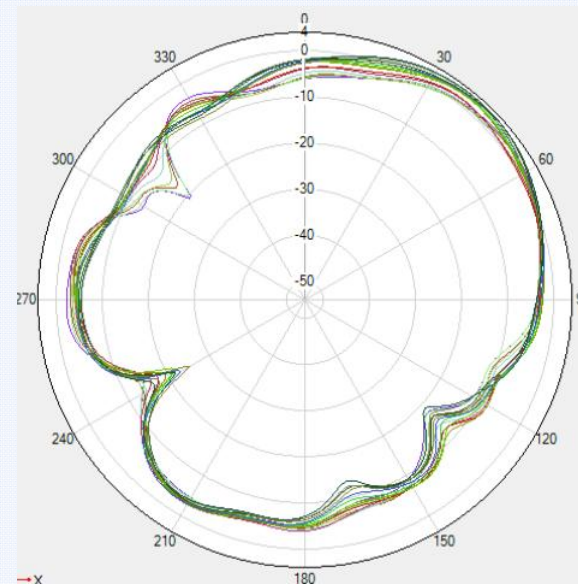
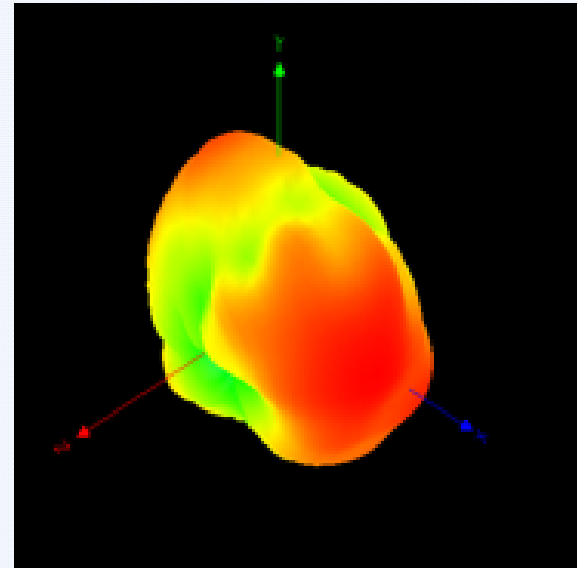
B-Blank parameter

Frequency / MHz	Efficiency / dB	Efficiency / %	Gain/ dBi
5470	-2.79	52.6	3.13
5725	-3.04	50.13	3.52



B-Blank parameter

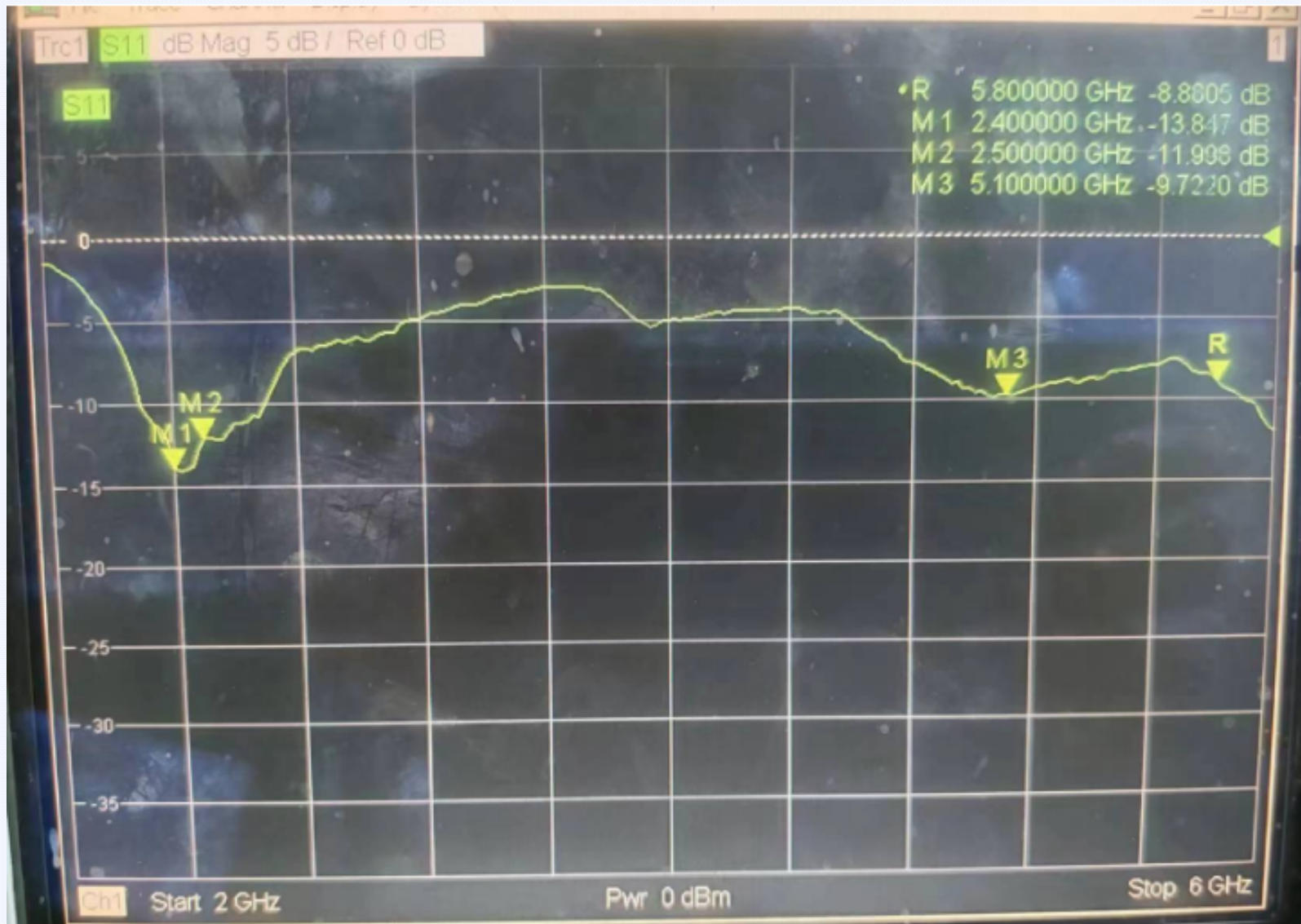
Frequency / MHz	Efficiency / dB	Efficiency / %	Gain/ dBi
5725	-3.14	50.02	3.85
5850	-3.28	49.87	3.01



A-Blank parameter



B-Blank parameter





Thank You !

