

# 飞宇信 WIFI PCB天线无源测试报告

Ver 1.0

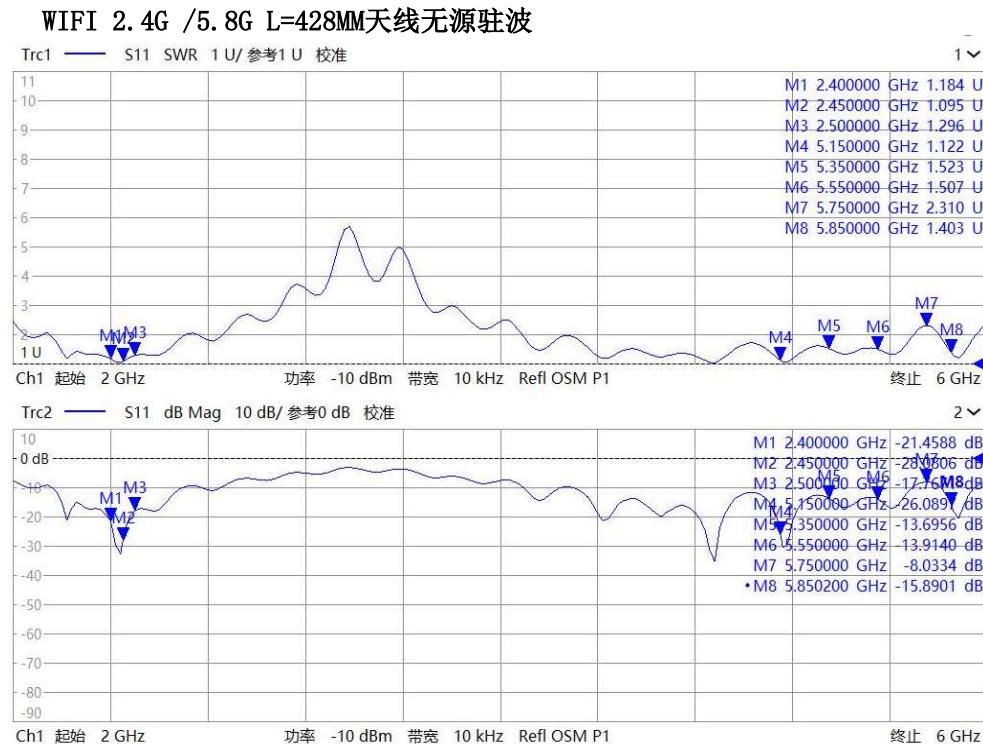
型号: 583X-2WTEN21-1130



测试	尹龙平	时间	2024/7/23
审核	周锡华	时间	2024/7/23
测试地点	飞宇信实验室		
实验室联系人			
实验室联系人电话与邮箱			

福建闽威科技股份有限公司  
Fujian Milky-way Technology Co., Ltd  
福建省福州市长乐区潭头镇港口1号  
No. 1 Port, Tantou Town, Changle District, Fuzhou City, Fujian Province

## WIFI 2.4G / 5.8G PCB天线无源测试数据



## WIFI 2.4G / 5.8G L=428MM 天线效率 / 增益

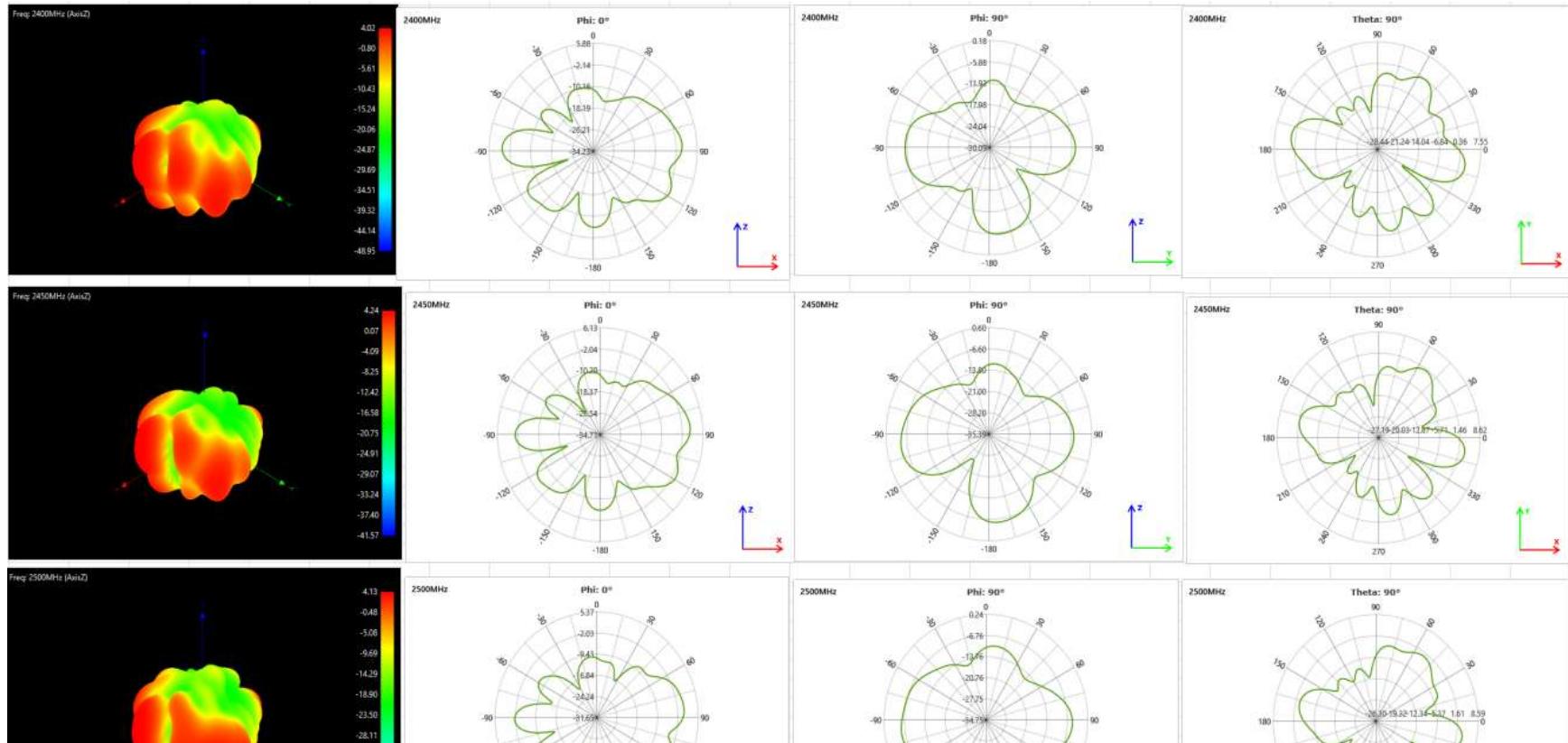
Frequency(MHz)	Gain(dBi)	Efficiency(%)
2400	4.02	56.79
2410	4.52	58
2420	4.58	57.36
2430	4.52	55.82
2440	4.35	54.34
2450	4.24	57.1

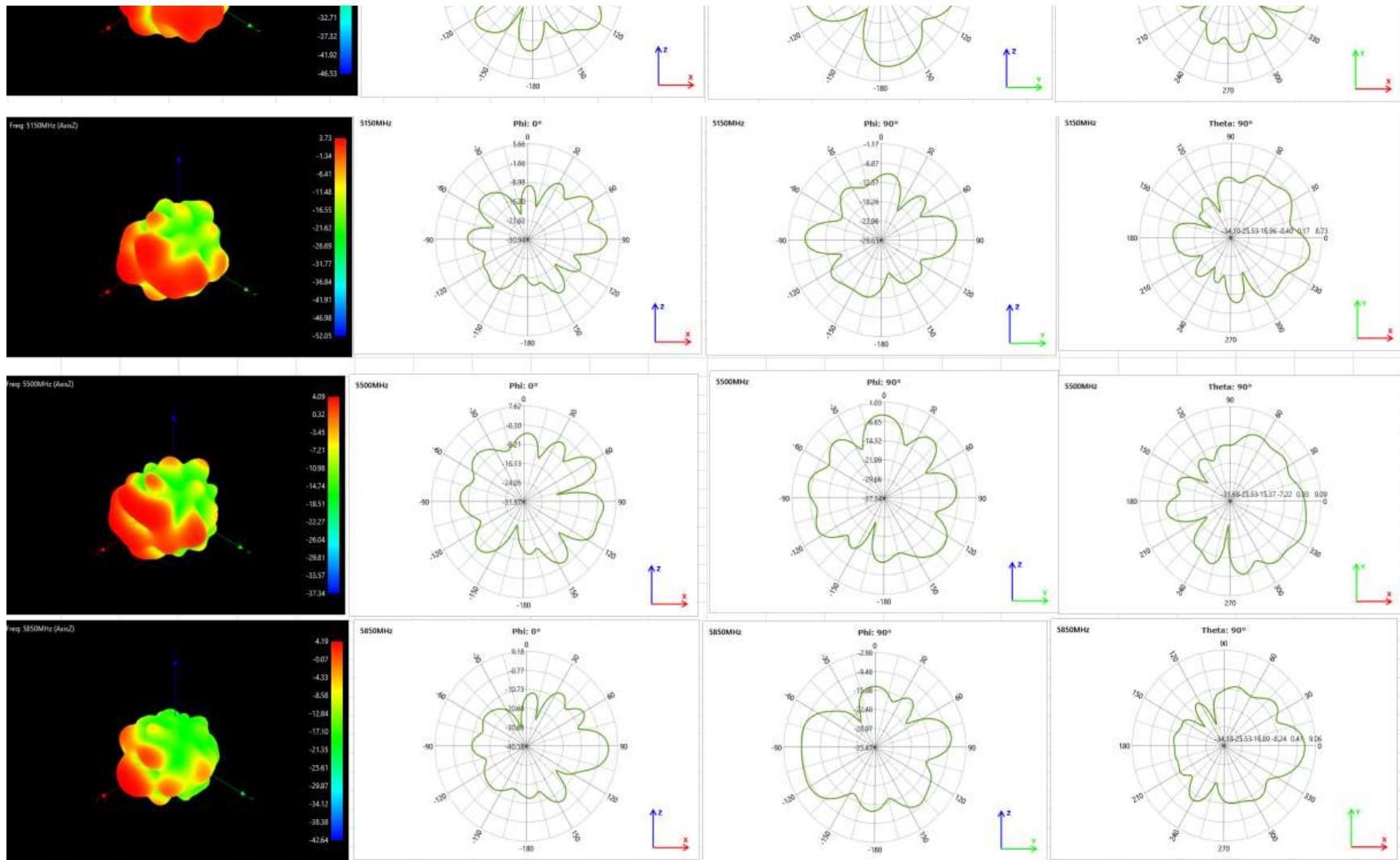
Frequency(MHz)	Gain(dBi)	Efficiency(%)
5150	3.73	57.33
5200	3.63	56.43
5250	3.6	56.73
5300	4.29	58.74
5350	4.49	55.7
5400	4.25	56.95
5450	4.73	57.56

2460	4.68	55.57
2470	3.92	56.99
2480	3.52	57.67
2490	3.63	58.13
2500	4.13	55.52

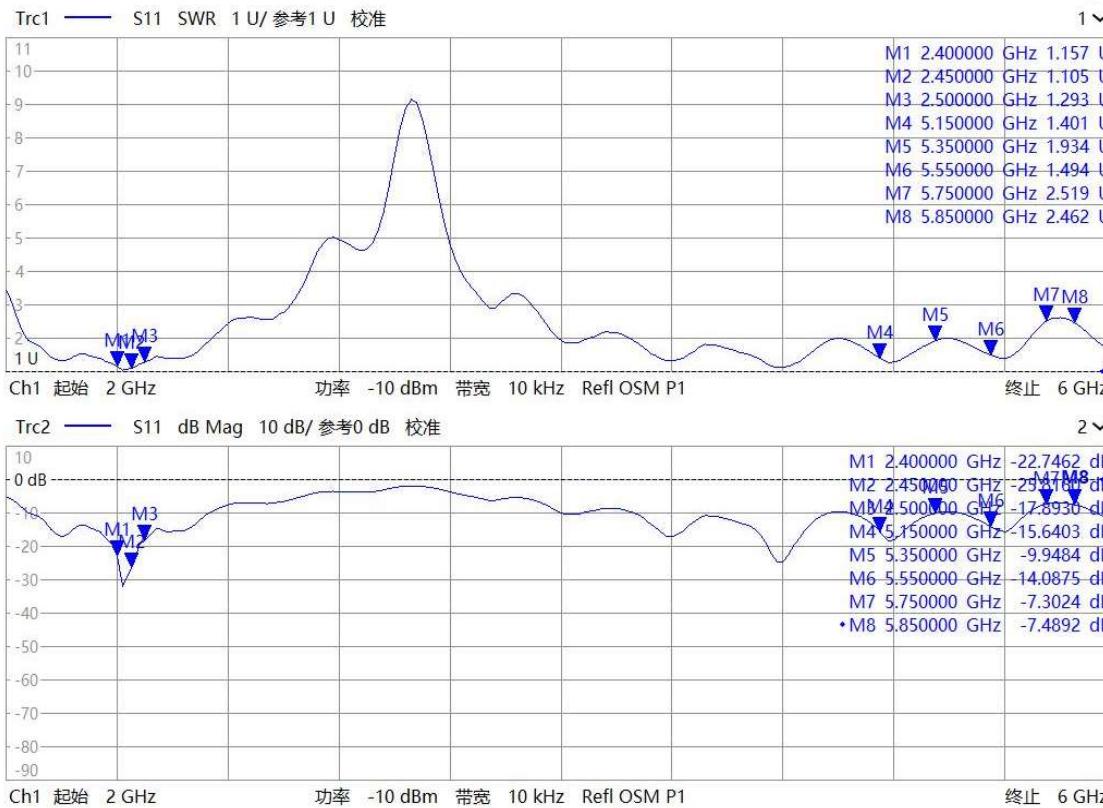
2450	4.73	57.00
5500	4.09	58.21
5550	3.24	56.54
5600	4.12	57.54
5650	4.63	54.5
5700	4.95	55.1
5750	4.59	56.4
5800	3.93	57.6
5850	4.19	58.99

WIFI2.4G / 5.8G L=428MM天线方向图





### WIFI 2.4G / 5.8G L=265MM天线无源驻波



### WIFI2.4G/ 5.8G L=265MM 天线效率 /增益

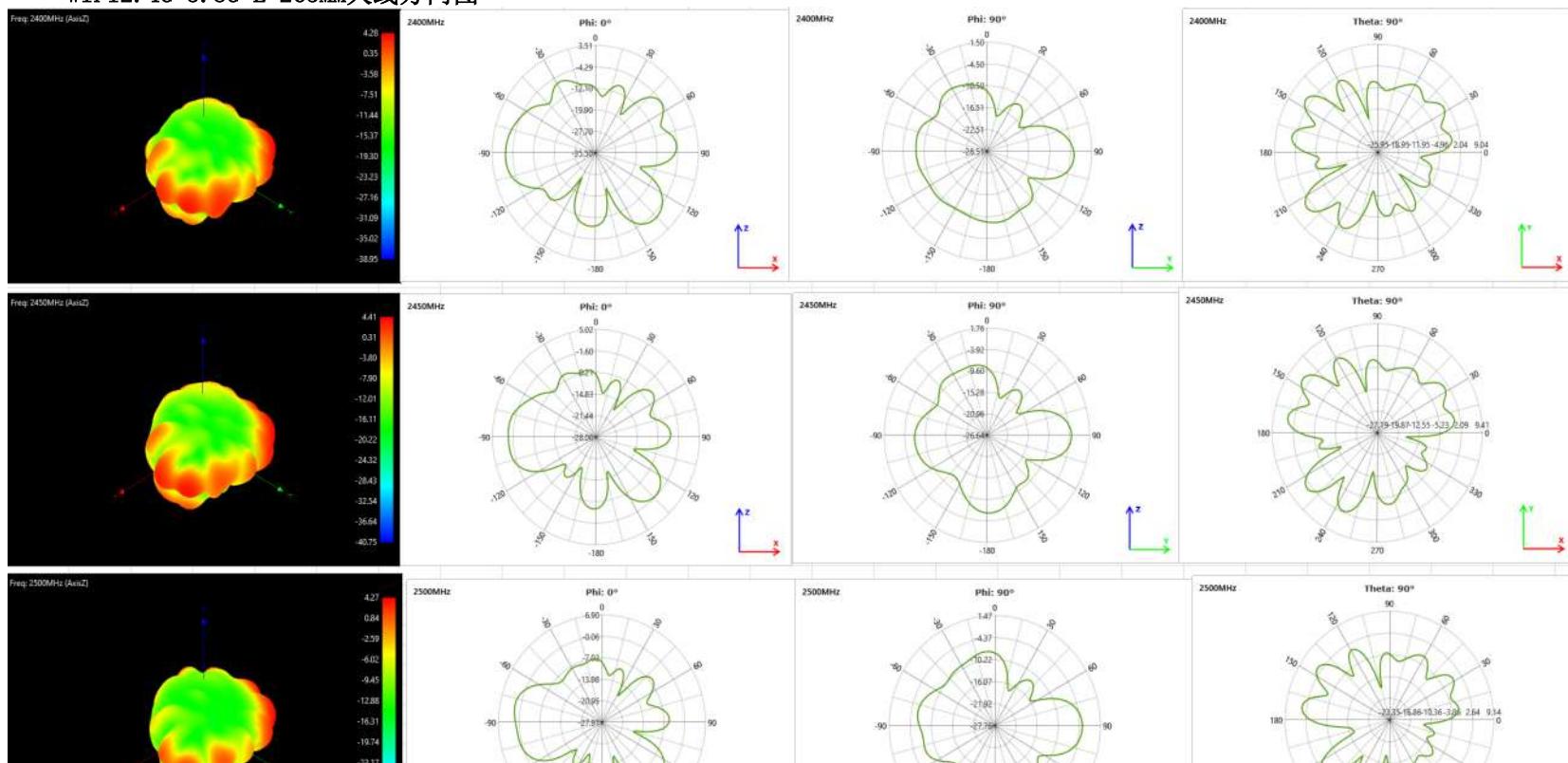
Frequency(MHz)	Gain(dBi)	Efficiency(%)
2400	4.28	60.48
2410	4.09	65.74
2420	4.86	63.24
2430	4.74	59.66

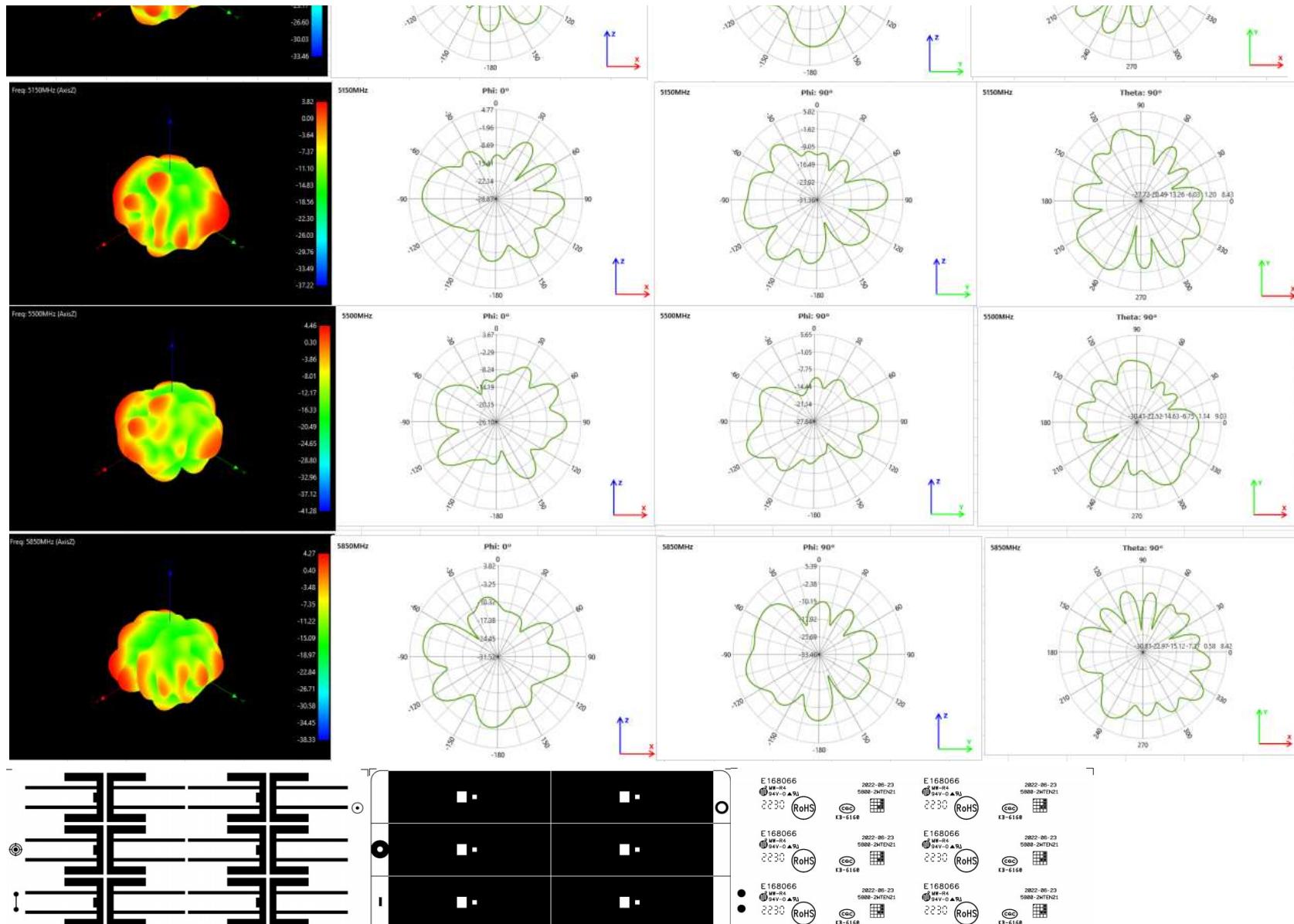
Frequency(MHz)	Gain(dBi)	Efficiency(%)
5150	3.82	56.59
5200	4.26	60.26
5250	4.46	58.49
5300	3.99	61.14

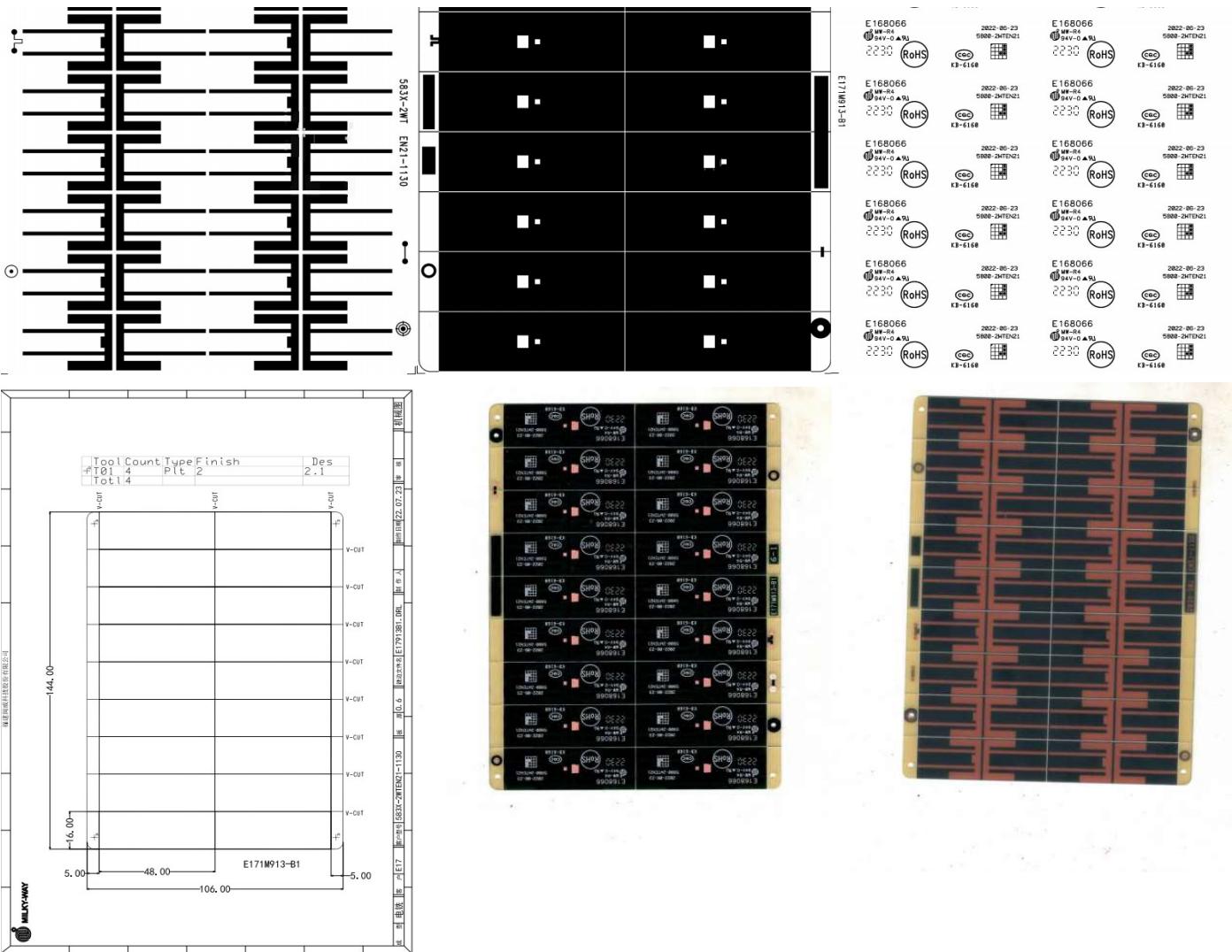
2440	5.41	69.69
2450	4.41	65.51
2460	4.94	59.5
2470	5.31	62.94
2480	4.95	57.59
2490	5.02	59.13
2500	4.27	59.97

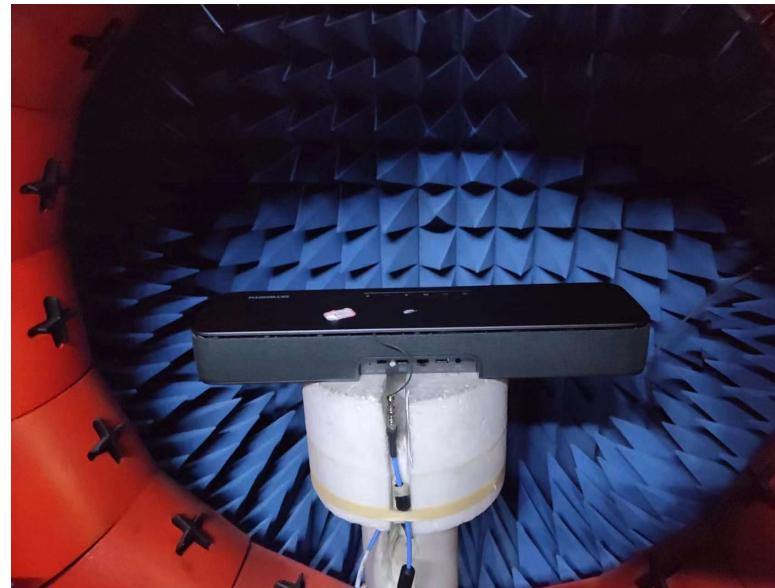
5350	3.1	57.67
5400	5.13	62.47
5450	5.24	60.04
5500	4.46	56.12
5550	5.24	57.51
5600	4.47	59.9
5650	3.99	60.35
5700	3.99	57.38
5750	4.44	56.18
5800	4.58	57.77
5850	4.27	58.36

WIFI. 4G 5.8G L=265MM天线方向图









<p>E168066 MW-R4 94V-0 ▲9U 2230  KB-6168</p>	<p>E168066 MW-R4 94V-0 ▲9U 2230  KB-6168</p>
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