

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

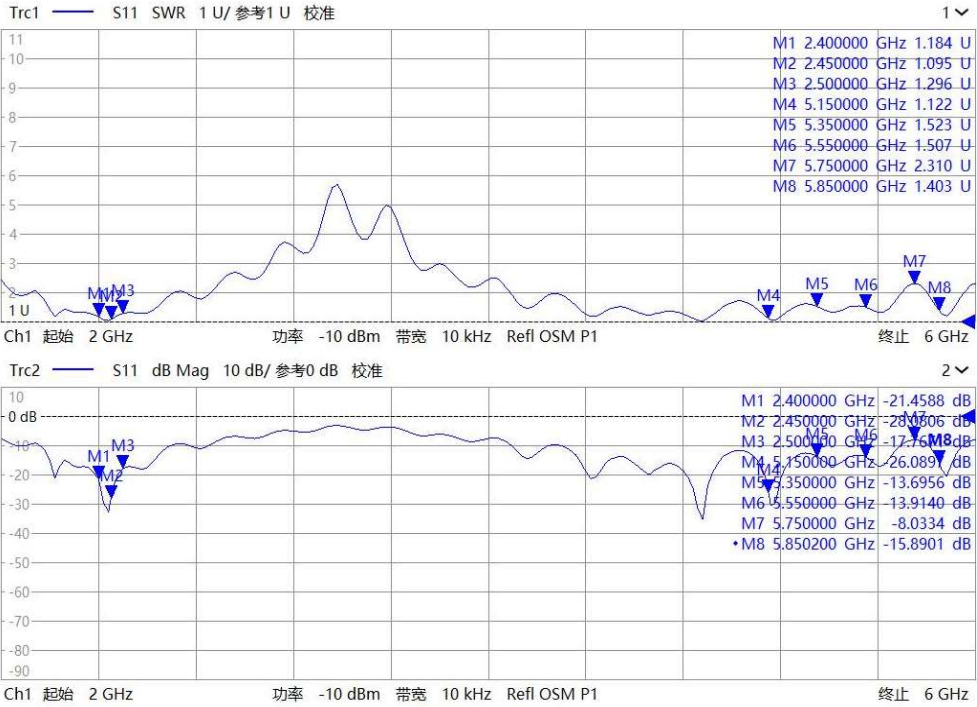
Fujian Milky-way Technology Co., Ltd

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天线无源驻波



WIFI2.4G/ 5.8G L=428MM 天线效率 /增益

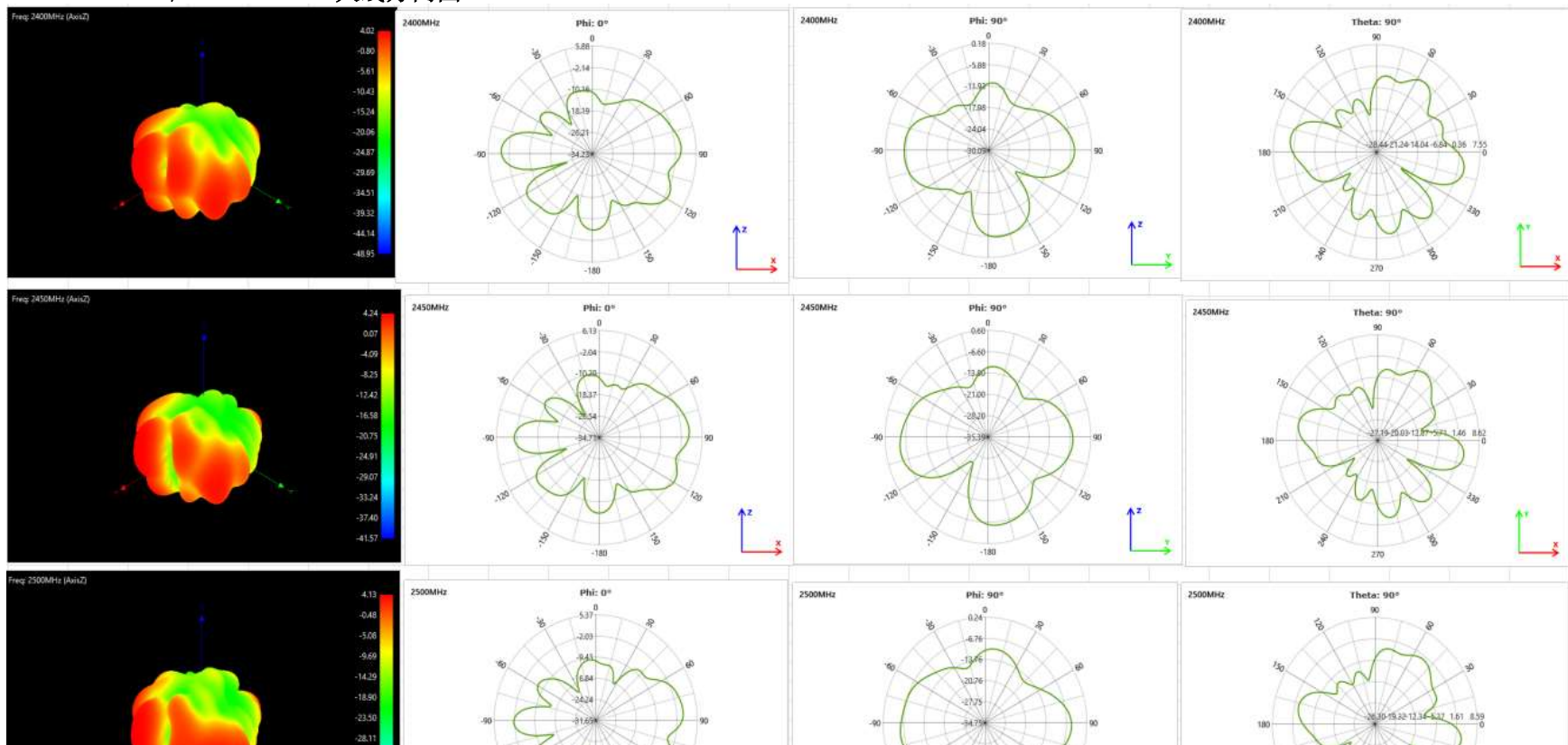
Frequency(MHz)	Gain(dBi)	Efficiency(%)
2400	4.02	56.79
2410	4.52	58
2420	4.58	57.36
2430	4.52	55.82
2440	4.35	54.34
2450	4.24	57.1

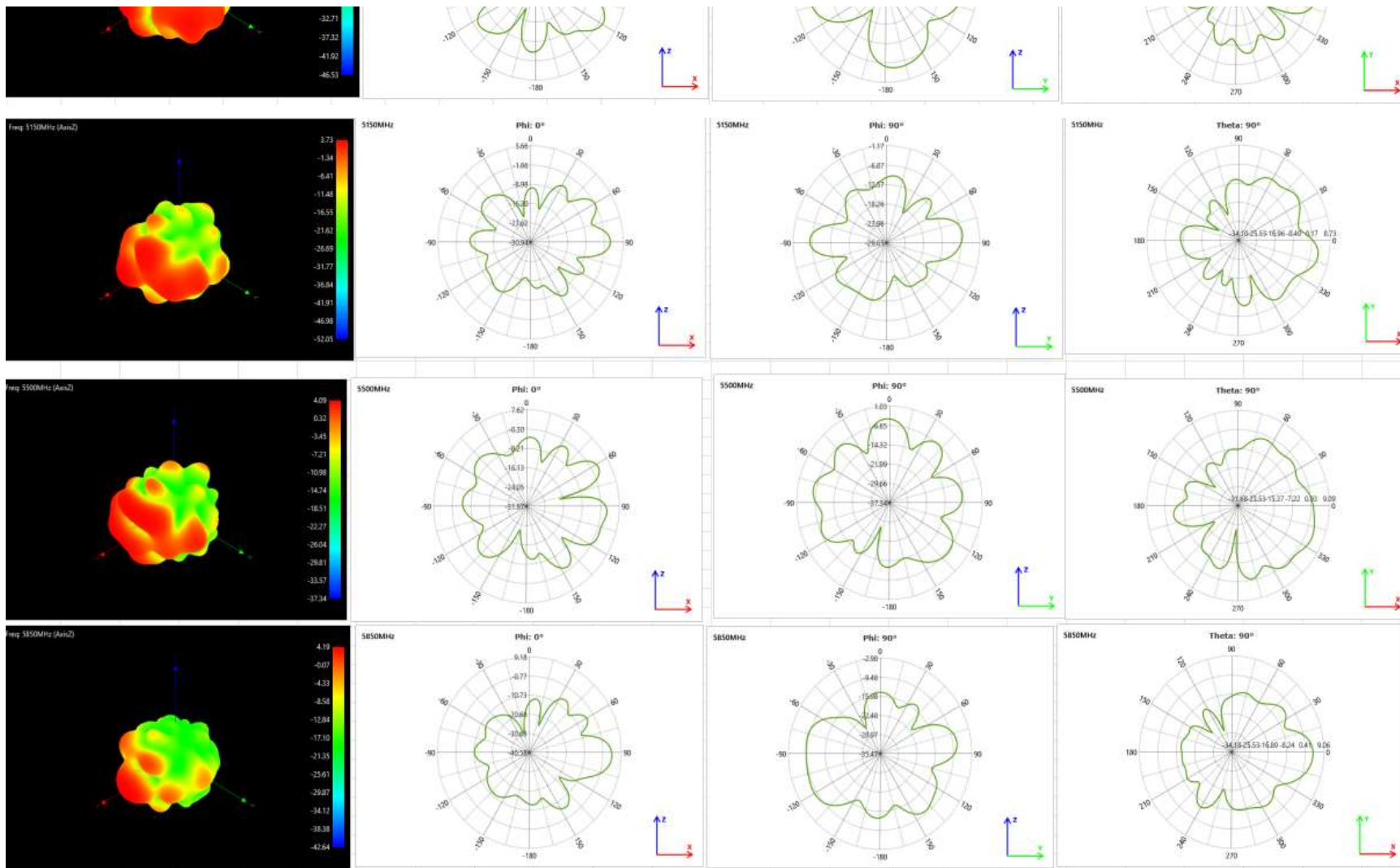
Frequency(MHz)	Gain(dBi)	Efficiency(%)
5150	3.73	57.33
5200	3.63	56.43
5250	3.6	56.73
5300	4.29	58.74
5350	4.49	55.7
5400	4.25	56.95
5450	4.73	57.56

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

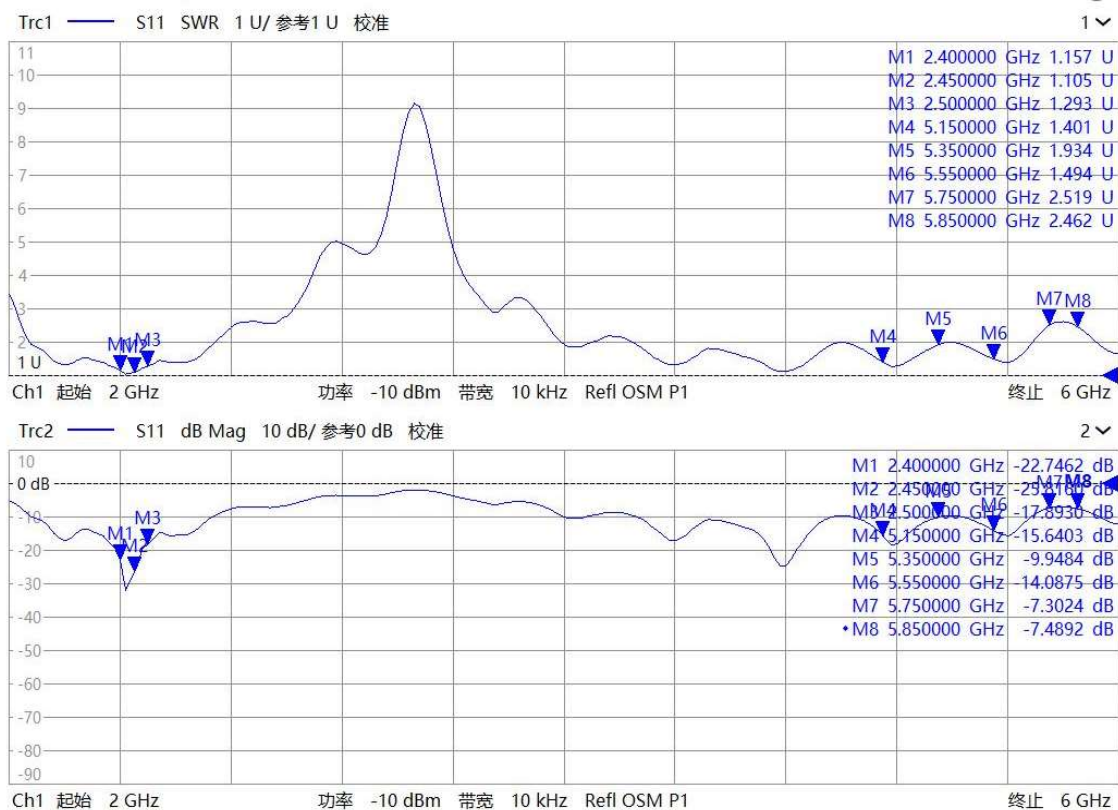
5450	4.73	57.50
5500	4.09	58.21
5550	3.24	56.54
5600	4.12	57.54
5650	4.63	54.5
5700	4.95	55.1
5750	4.59	56.4
5800	3.93	57.6
5850	4.19	58.99

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

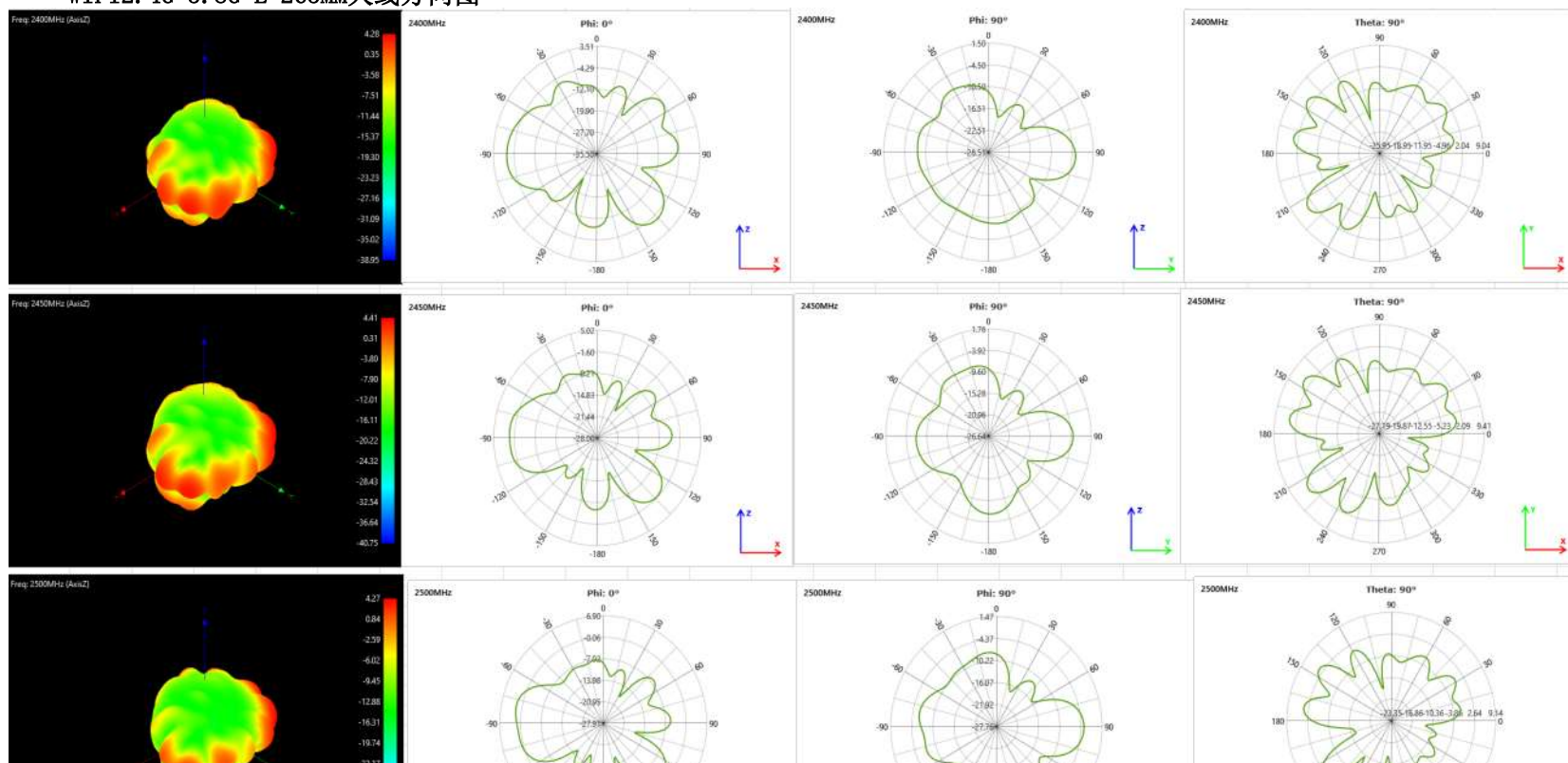
Frequency(MHz)	Gain(dBi)	Efficiency(%)
2400	4.28	60.48
2410	4.09	65.74
2420	4.86	63.24
2430	4.74	59.66

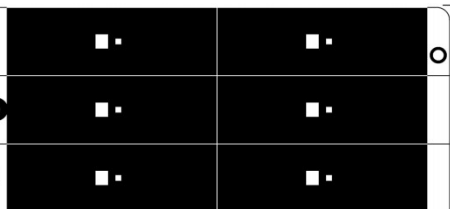
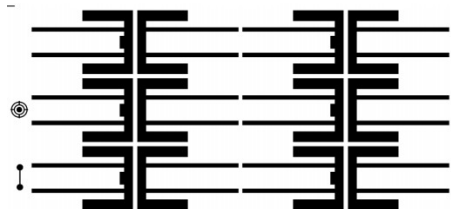
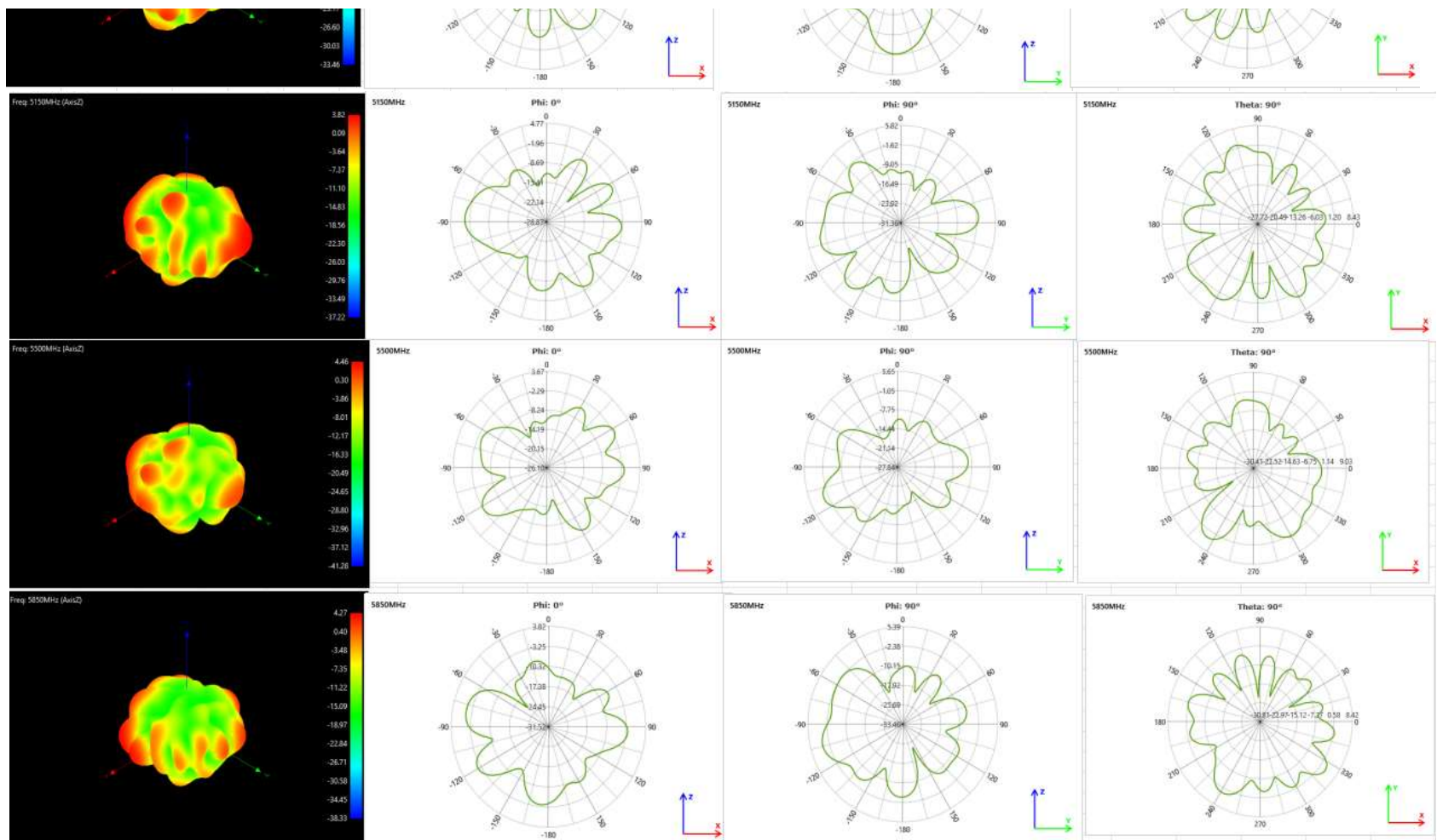
Frequency(MHz)	Gain(dBi)	Efficiency(%)
5150	3.82	56.59
5200	4.26	60.26
5250	4.46	58.49
5300	3.99	61.14

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

WIFI2.4G 5.8G L=265MM天线方向图





E168066 2230 RoHS 2022-06-23 5800-ZH1EN21 EXP-6168	E168066 2230 RoHS 2022-06-23 5800-ZH1EN21 EXP-6168
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