深圳市星通无线技术有限公司
Shenzhen Xingtong Wieress Technology Co.,Ltd
电 话：+86-755- 27850514　　传 真：+86- 0755-27850514
地 址：深圳市宝安区西乡九围强荣东工业区 **A1** 栋 **3** 楼

产品规格书

项目名称： S880

产品名称： BT-FPC 天线

产品料号： 01S880FPCTXO

制作人	审 核	日 期
黄加俊	吴延龙	2022-06-20

客户确认：

客户名称： 东莞市紫晨电子科技有限公司
批准： **时间：**
注释：

请贵司承应签字盖章后返回一份给我司存档，多谢合作！

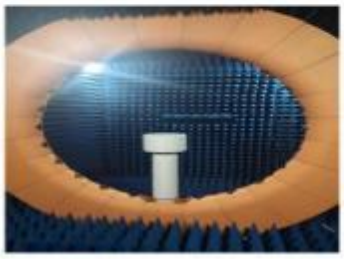
Darkroom test equipment and data

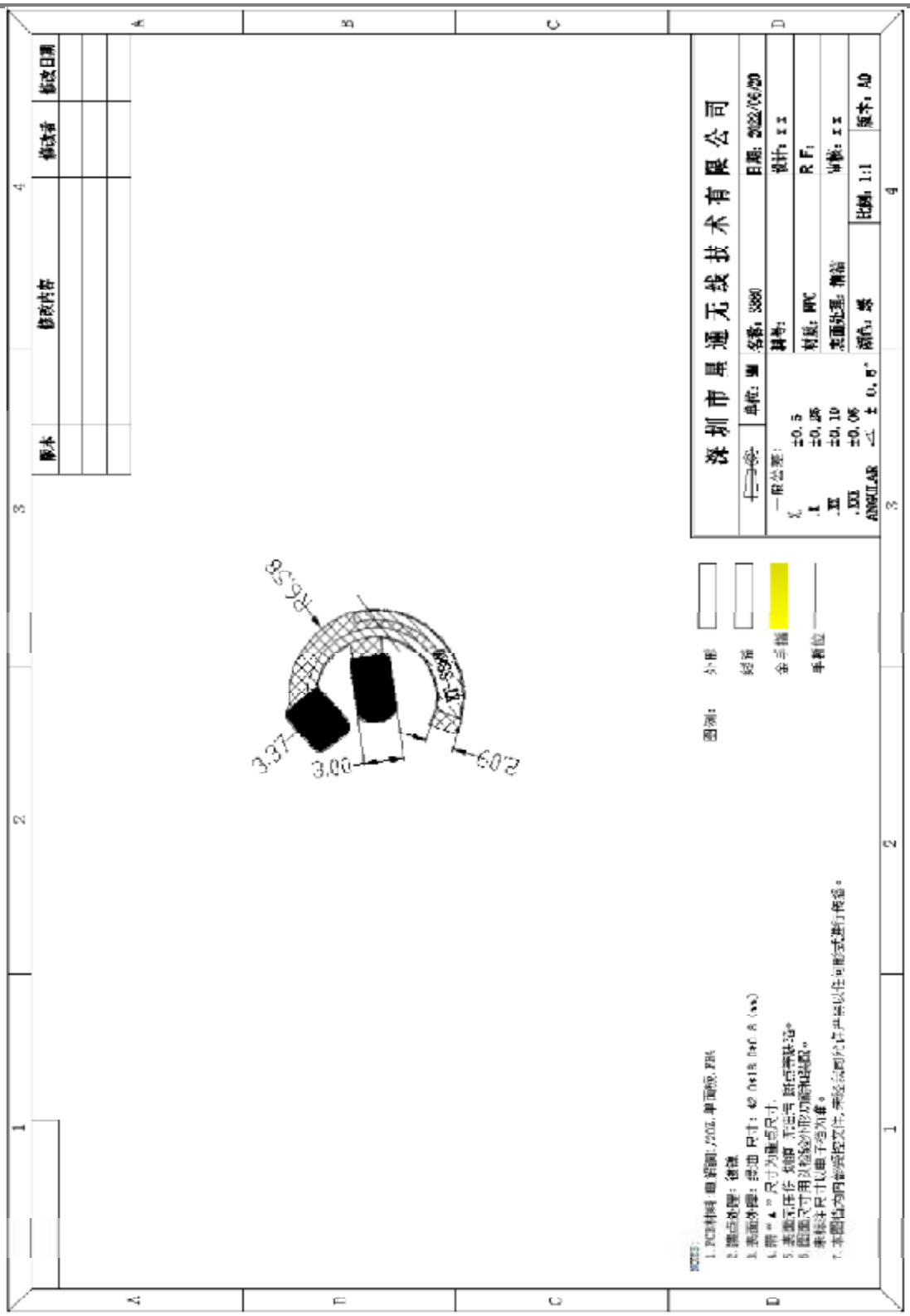
5.0 Test Equipment

Test system: shielded darkroom

Test environment: temperature 22 ℃± 3 ℃ , humidity 50% ± 15%

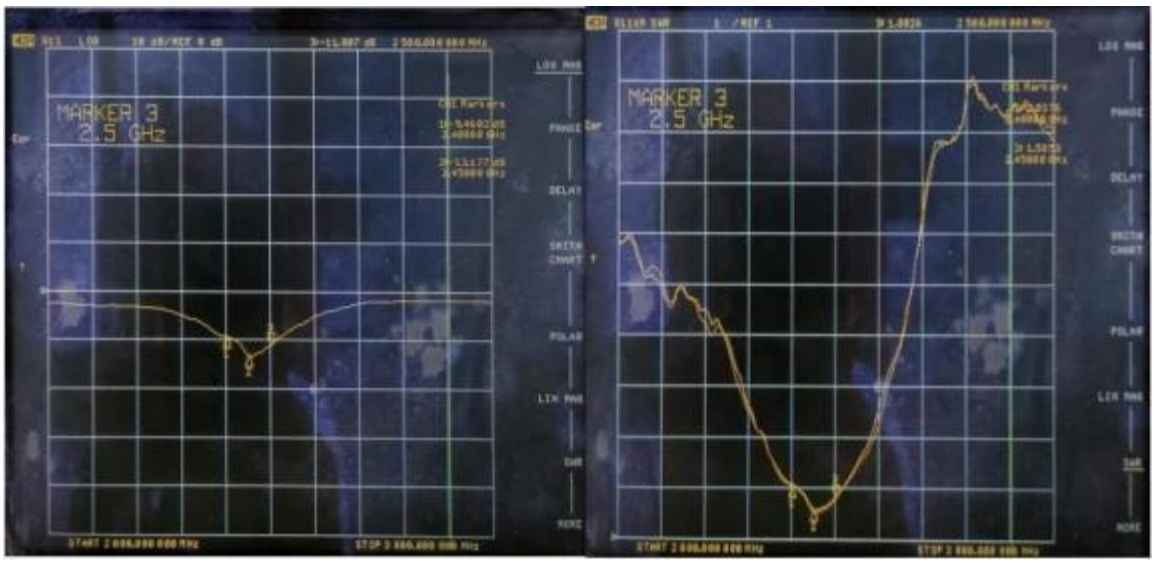
Test equipment: when testing passive data, use AgilentE5071C network analyzer； When testing the active data, use the comprehensive tester CMW500




深圳市星通无线技术有限公司
3.37
3.00
6.02
R0.50

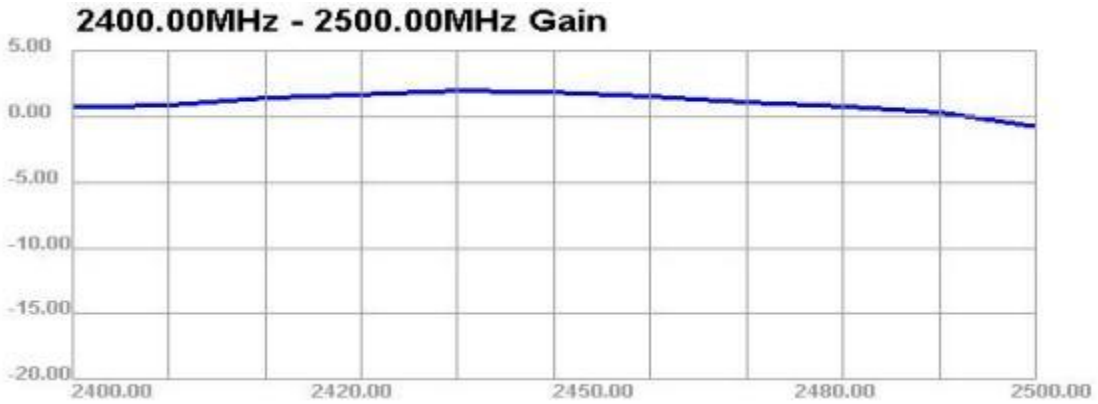
Appendix B SII/VSWR

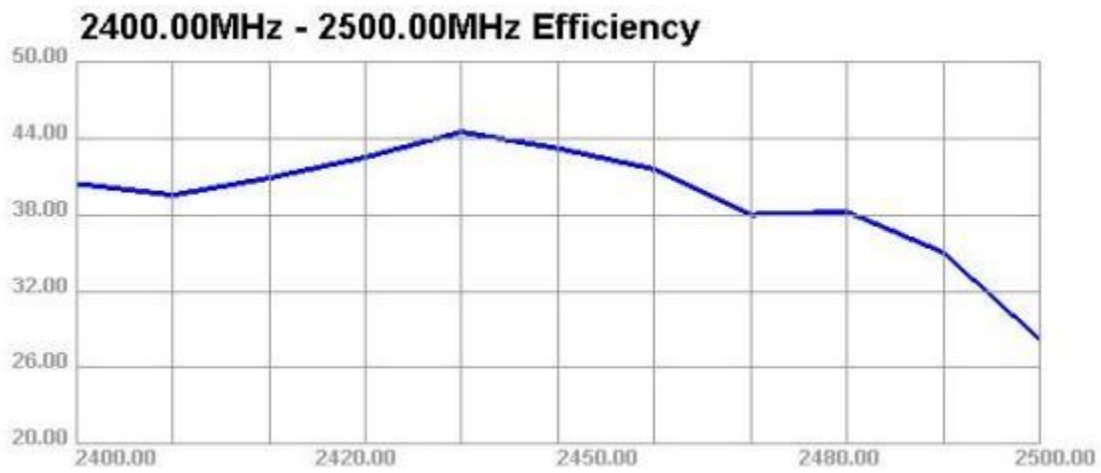
requency （MHz)	2400	2450	2500
eturn Loss	-9.46	-13	-11
SWR	1.8	1.5	1.8



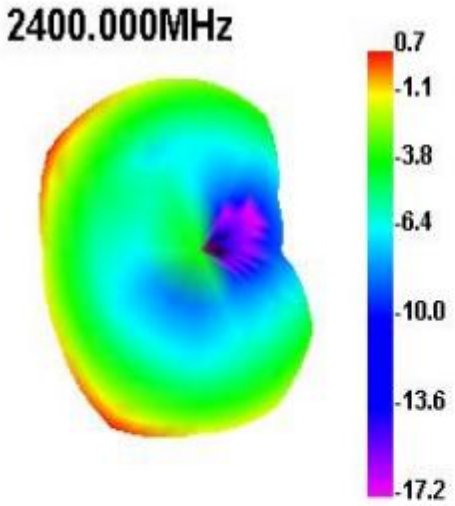
Appendix C Gain and Efficiency

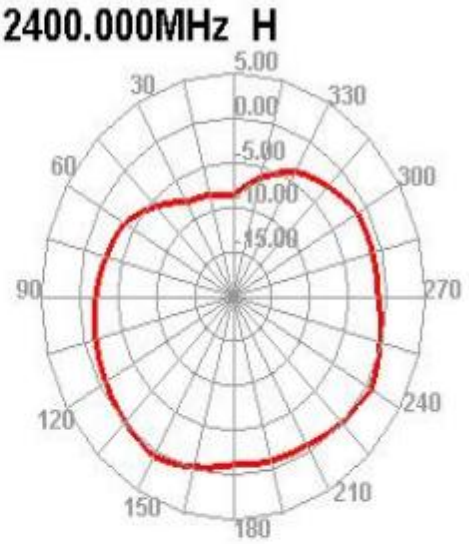
Passive Test For D44										
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	UHIS (%)	DHIS (%)	Max (dB)	Min (dB)	Attenut Hor	Attenut Ver
2400	40.43	-3.93	0.7	-1.45	16.061	24.371	0.7	-17.16	49.18	49.3
2410	39.54	-4.03	0.86	-1.29	15.756	23.785	0.86	-16.67	49.23	49.45
2420	40.88	-3.89	1.4	-0.75	16.635	24.243	1.4	-18.58	49.06	49.29
2430	42.5	-3.72	1.67	-0.48	17.57	24.935	1.67	-17.79	49.12	49.32
2440	44.48	-3.52	1.96	-0.19	18.796	25.689	1.96	-16.72	49.75	50.01
2450	43.2	-3.65	1.84	-0.31	18.687	24.512	1.84	-17.35	49.82	50.08
2460	41.57	-3.81	1.53	-0.62	18.485	23.085	1.53	-19.76	49.85	50.08
2470	38.01	-4.2	1.07	-1.08	17.234	20.774	1.07	-21.44	49.76	49.97
2480	38.23	-4.18	0.77	-1.38	17.723	20.511	0.77	-21.64	49.66	49.8
2490	35.02	-4.56	0.3	-1.85	16.519	18.504	0.3	-20.83	49.54	49.68
2500	28.21	-5.5	-0.77	-2.92	13.358	14.85	-0.77	-21.32	49.32	49.42

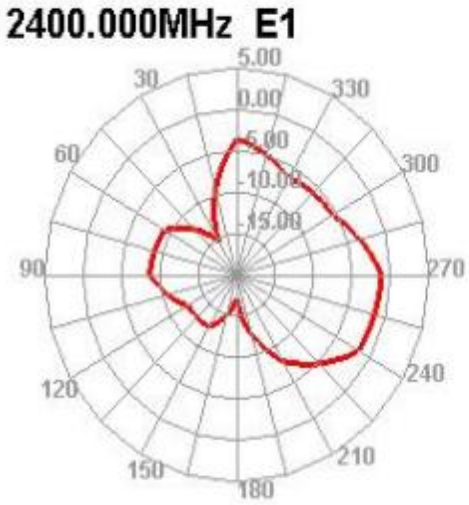


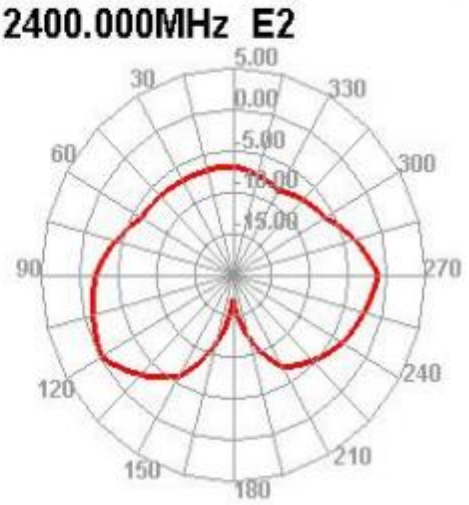


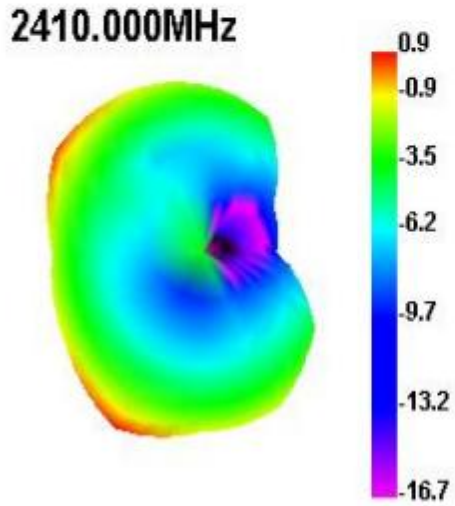
Appendix D Radiation Pattern(ID and 3D)

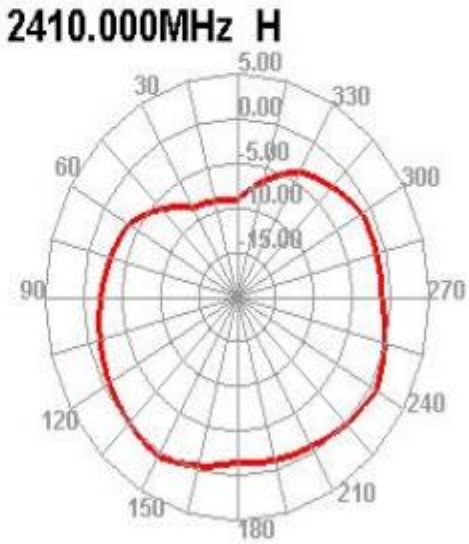












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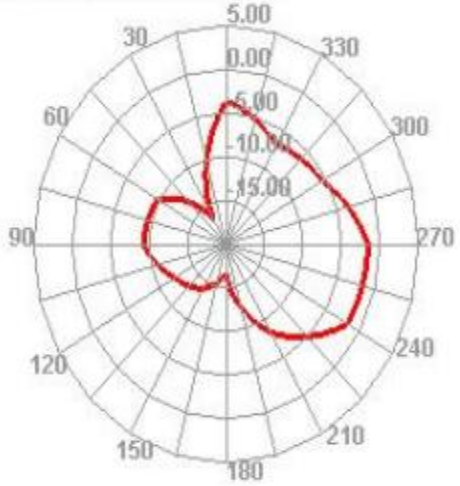

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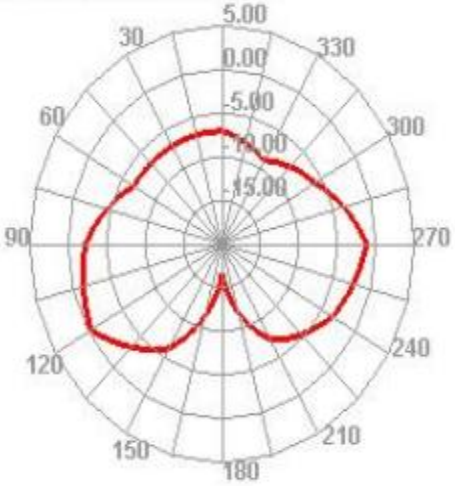

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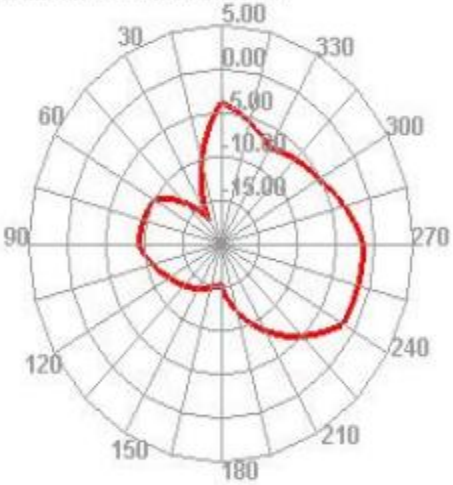
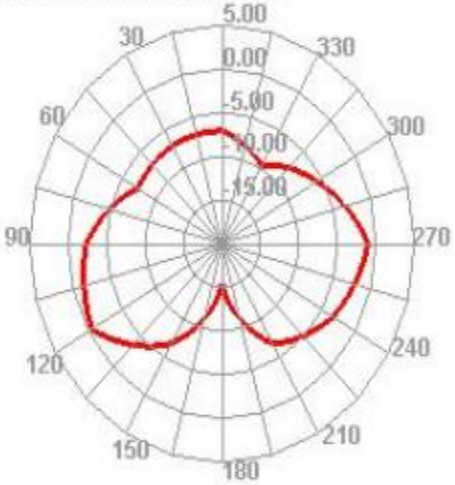
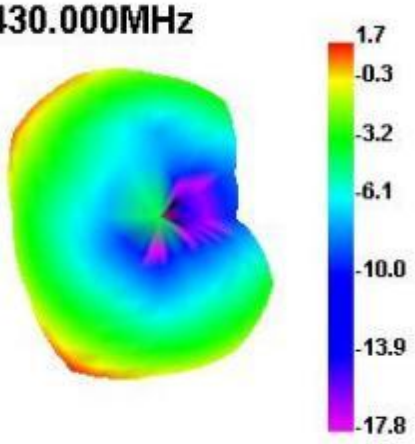


2420.000MHz E2



2430.000MHz



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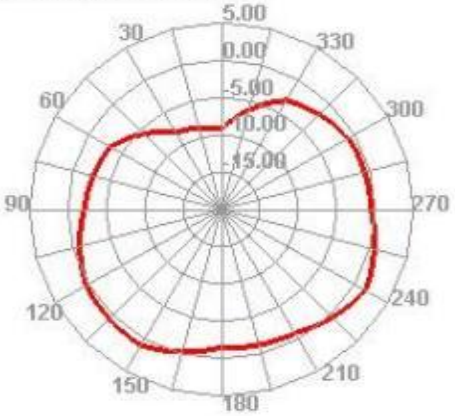

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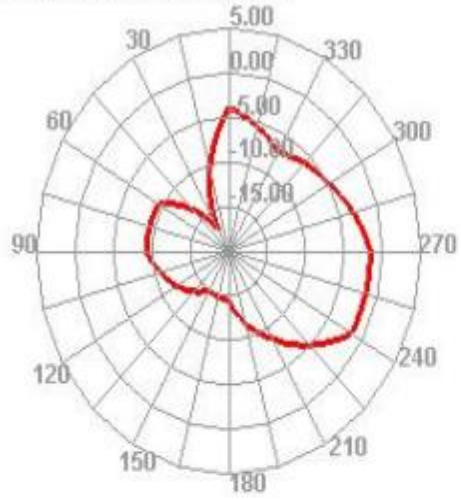

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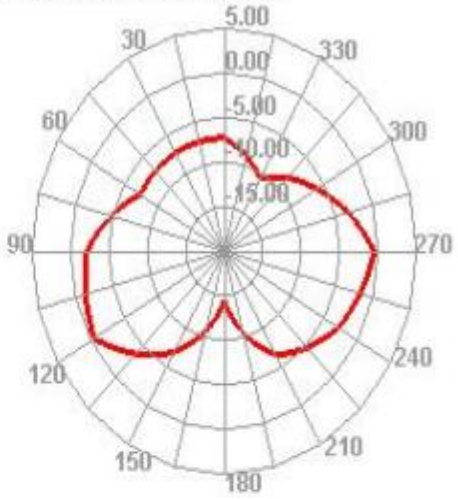

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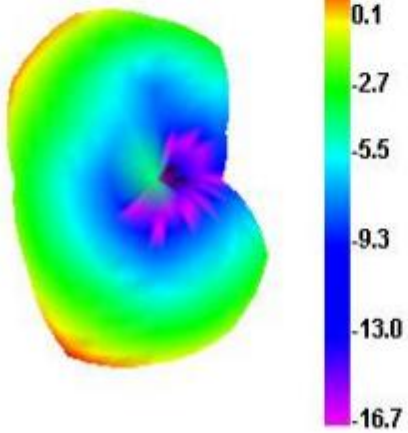

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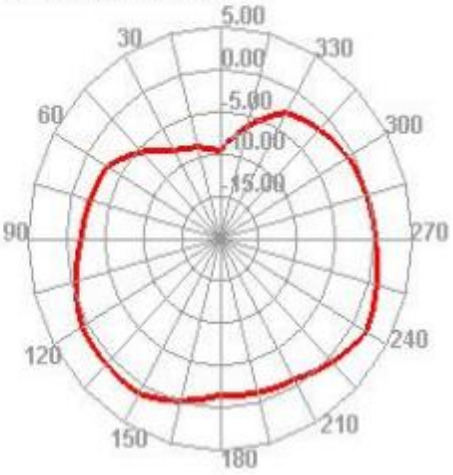

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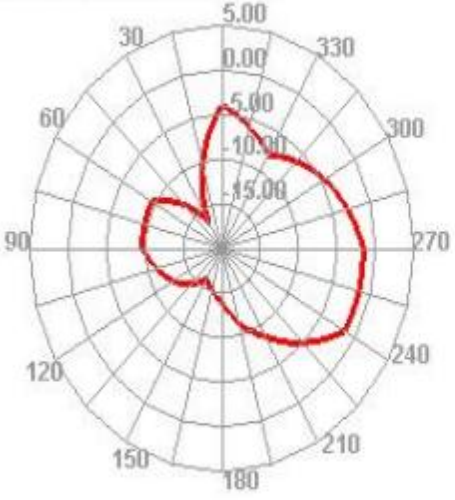

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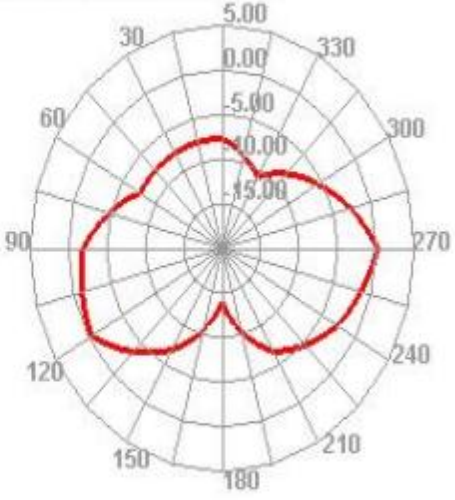

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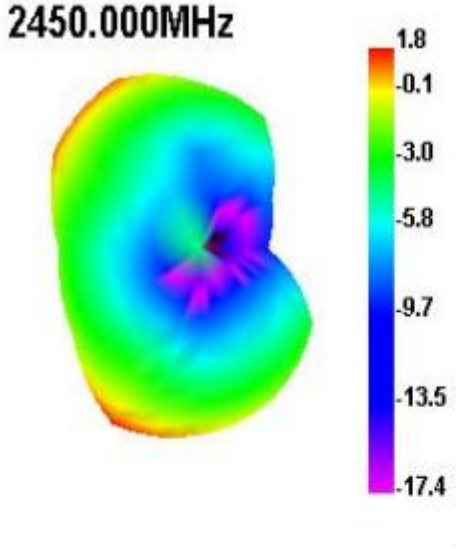

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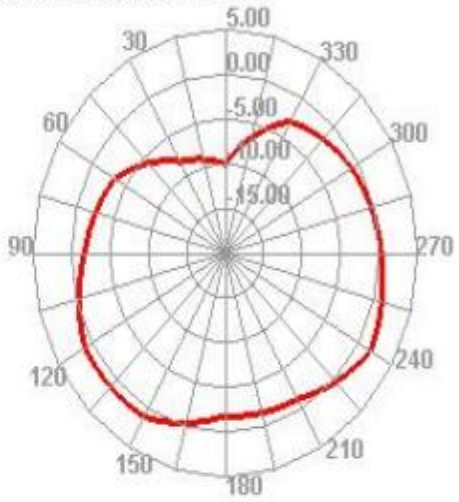

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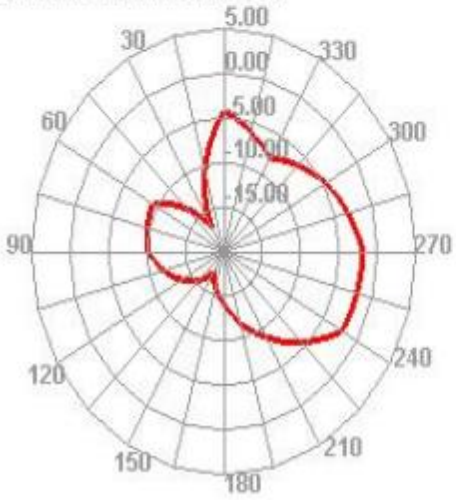

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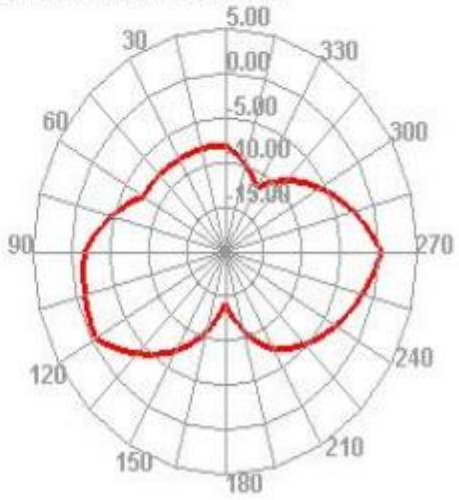

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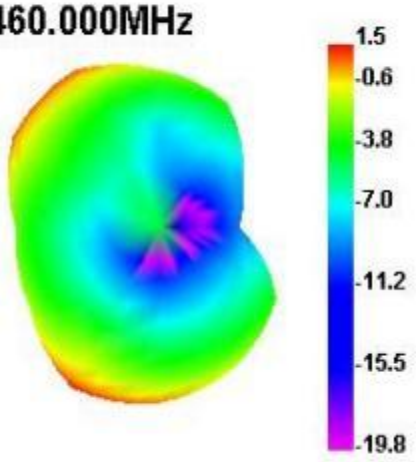

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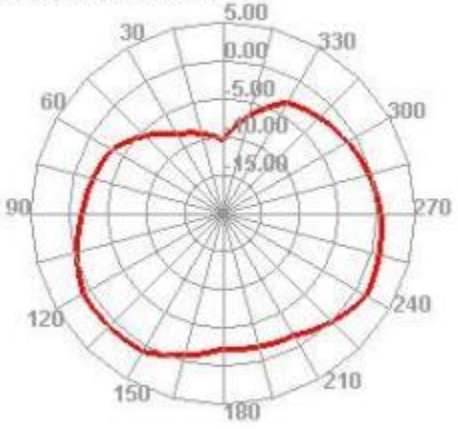

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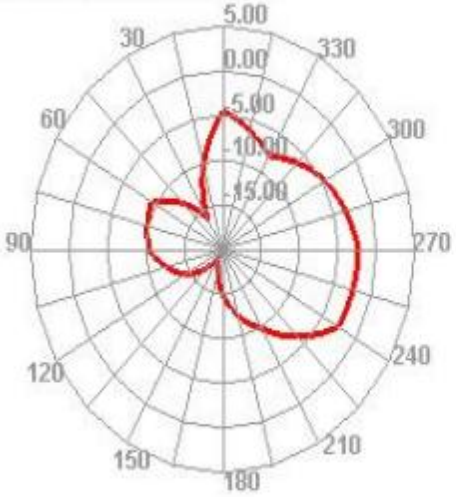

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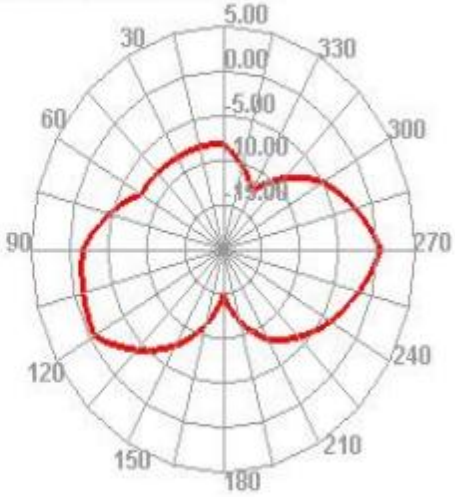

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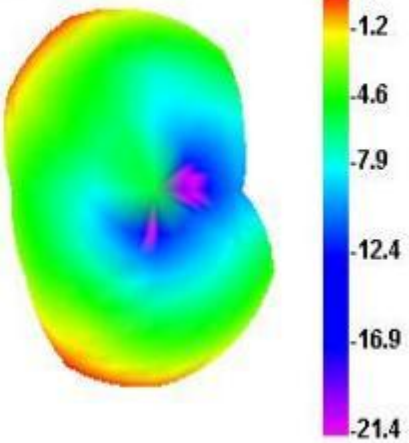

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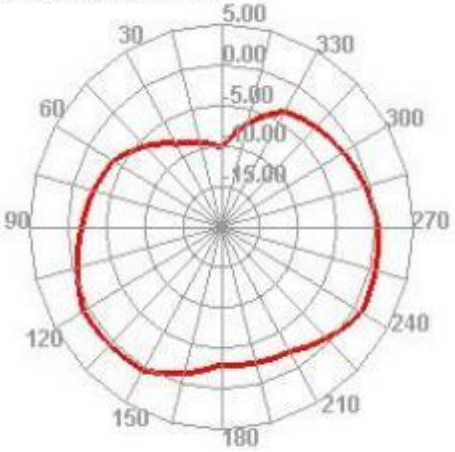

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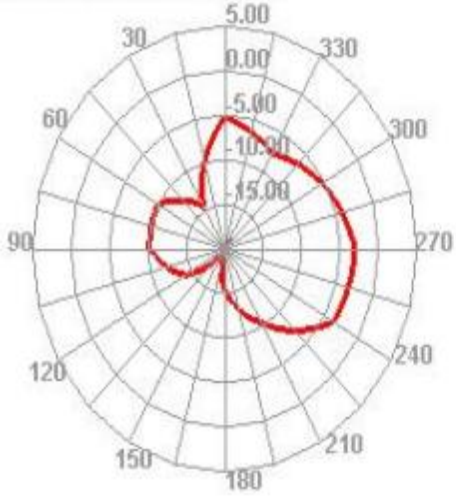

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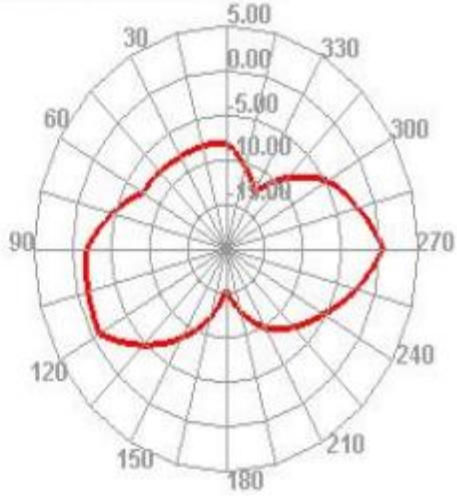

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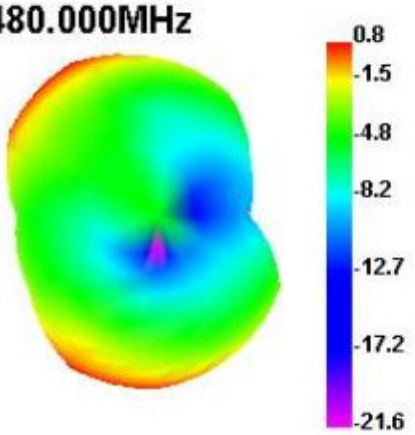

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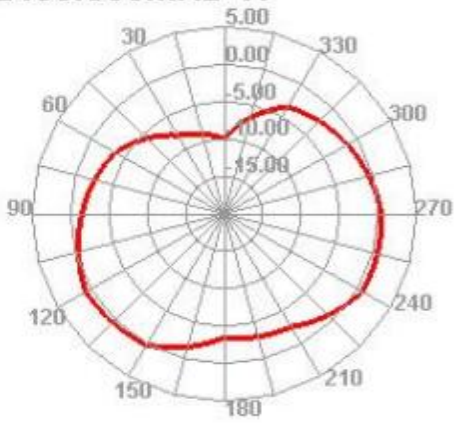

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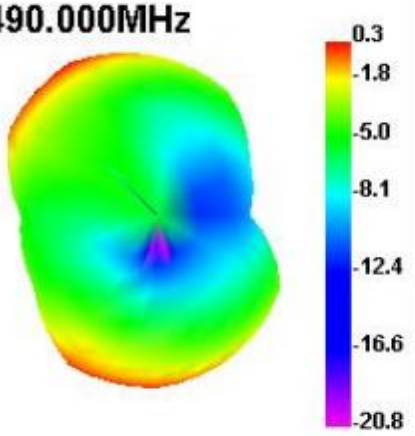

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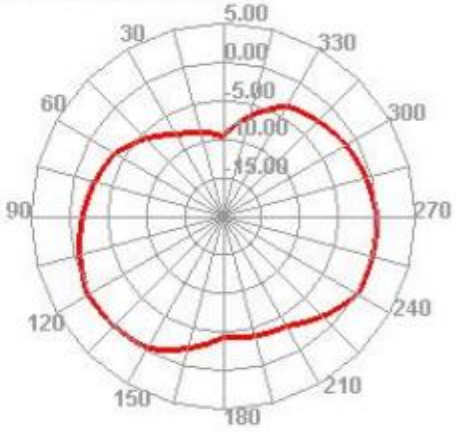

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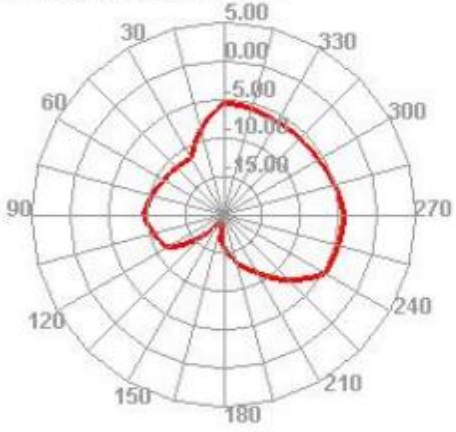

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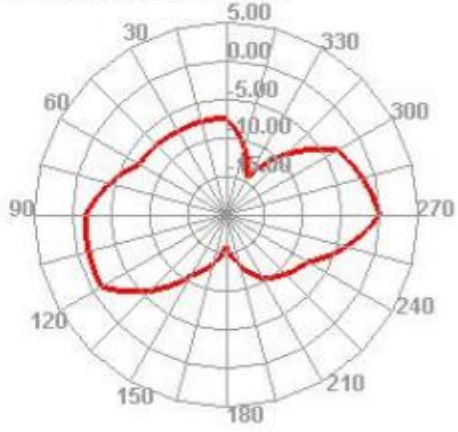

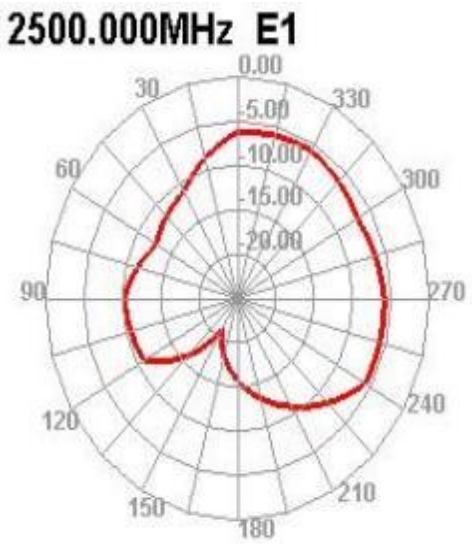

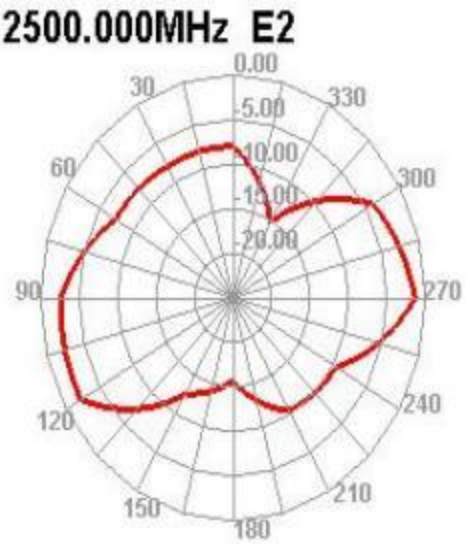

Appendix E Test Setup Photo