

深圳旭航通讯科技有限公司

Shenzhen Xuhang Communication
Technology Co., Ltd

规格承认书

客户	
客户料号	
供方品名	WIFI 天线
规格名称	XH220036-B

客户确认		
检验	审核	批准

供方确认			
设计	射频	审核	批准
朱学鑫	涂雄丰	王向姣	孙长旭

日期：2025 年 12 月 31 日

深圳旭航通讯科技有限公司

地址：深圳市龙华区大浪街道上横朗社区福龙路旁恒大时尚慧谷大厦一栋一楼 B 区 105

Shenzhen Xuhang Communication Technology Co., Ltd

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Fulong Road, Shanghenglang Community, Dalang Street, Longhua
District, Shenzhen

目录

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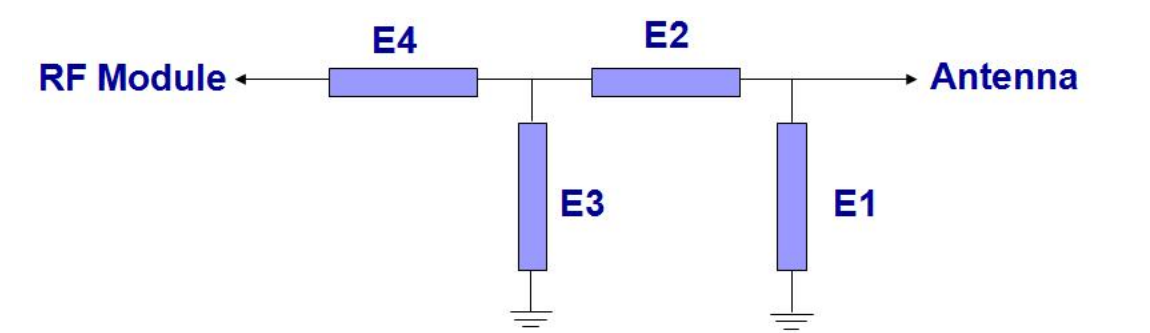
电性测试报告

TEST REPORTS

频率 Frequency	2400~2500MHz/5150~5850MHz
阻抗 Impedance	50 Ohm Nominal
驻波比 V.S.W.R	<2.0
回波损耗 Return Loss	-9dB Max
辐射 Radiation	Omni-directional
增益 Gain(Peak)	3.5dBi
极化方式 Polarization	Linear
功率 Admitted Power	1W
连接器 Connector	SMA-J
Physical Properties	
天线材质 Antenna Material	/
线材类型 Cable Type	/
工作温度 Operating Temp.	-10-+60℃
存储温度 Storage Temp.	-10-+70℃
线材颜色 Cable Color	/

匹配电路

Matching Circuits

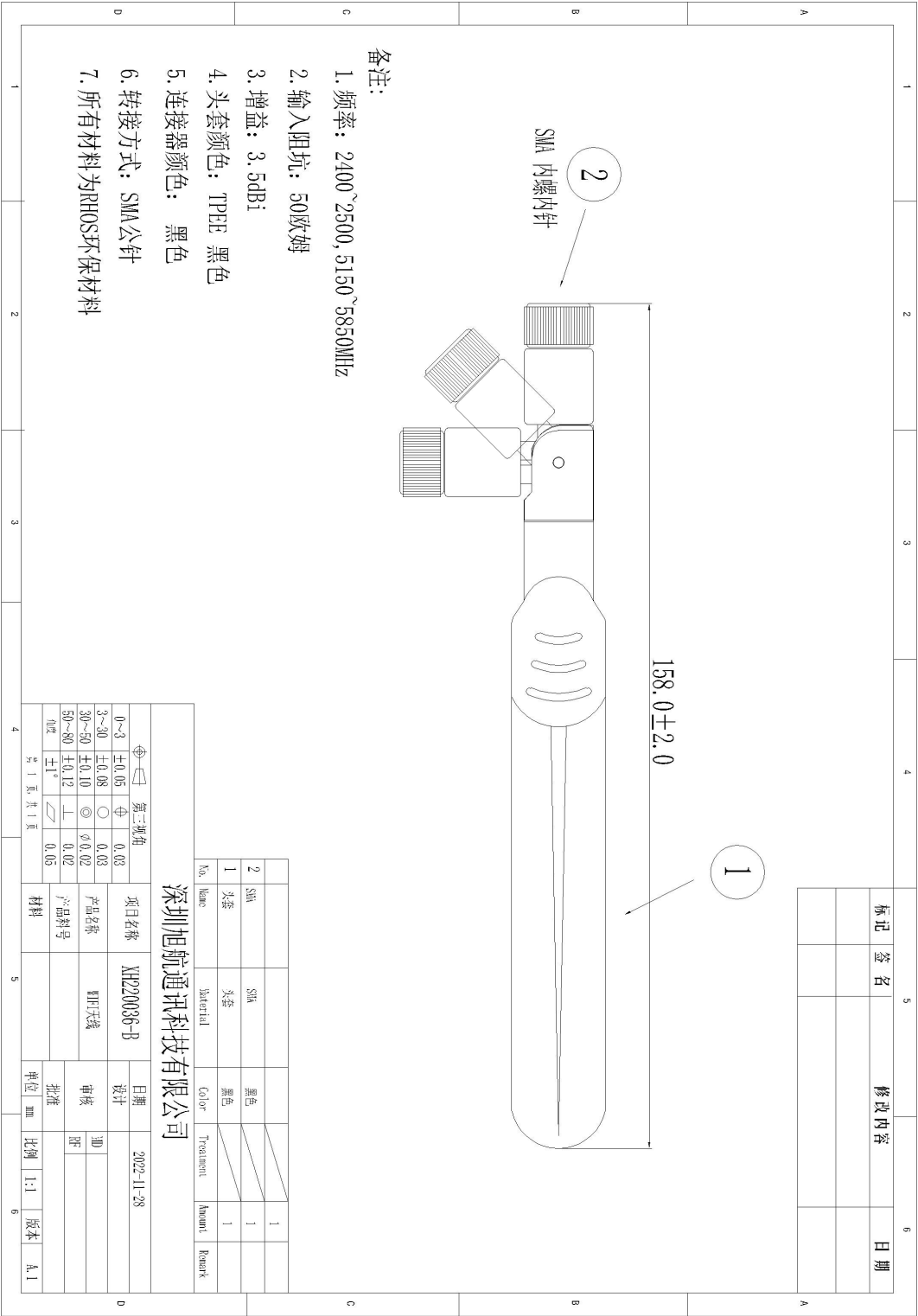


匹配电路

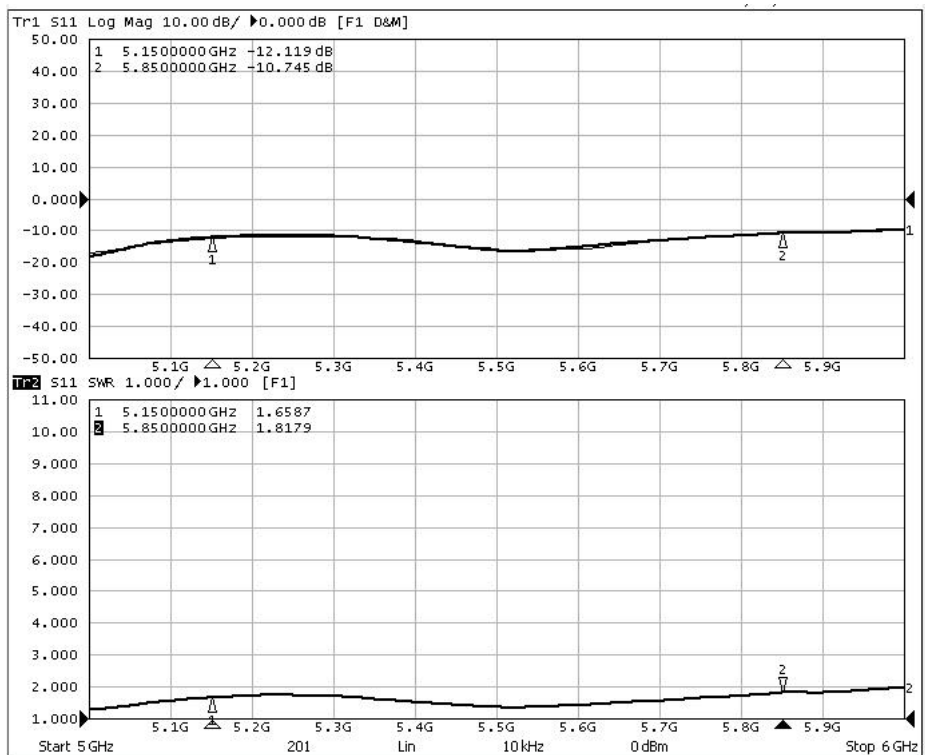
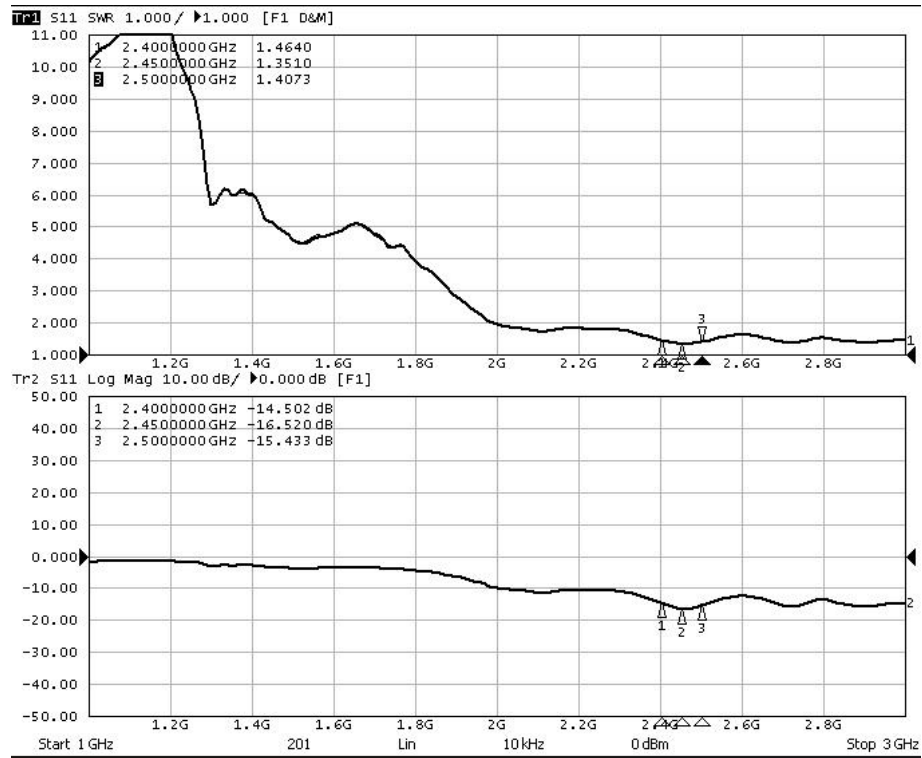
Element	Value	Vender
E1(0402)		
E2(0402)	/	
E3(0402)		
E4(0402)	/	

原匹配电路无修改

工程图



测试数据



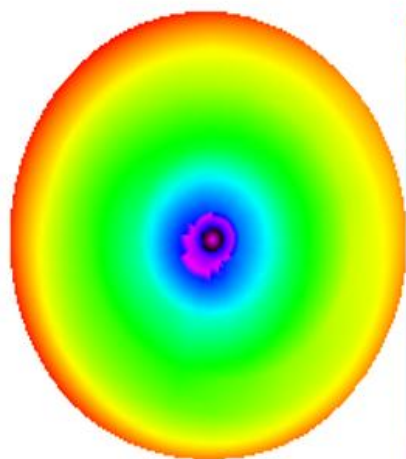
无源效率:

Freq (MHz)	Effi (%)	Gain (dBi)
2400	58.37	2.65
2410	48.2	2.19
2420	56.25	2.5
2430	50.73	2.12
2440	60.52	2.69
2450	65.73	3.14
2460	65.2	3.23
2470	65.88	3.32
2480	57.95	2.89
2490	63.27	3.12
2500	59.17	2.8

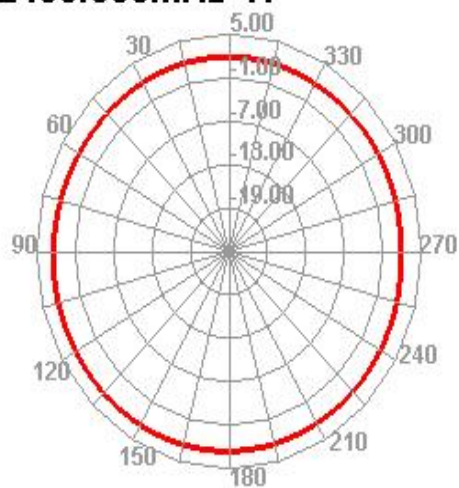
Freq (MHz)	Effi (%)	Gain (dBi)
5150	54.98	2.17
5200	53.33	2.43
5250	53.87	2.67
5300	58.71	2.99
5350	67.34	3.14
5400	63.23	3.3
5450	63.37	3.19
5500	60.34	3.48
5550	66.08	3.05
5600	63.49	3.48
5650	59.81	3.07
5700	68.67	3.26
5750	67.59	3.5
5800	60.47	2.86
5850	60.02	2.35

方向图

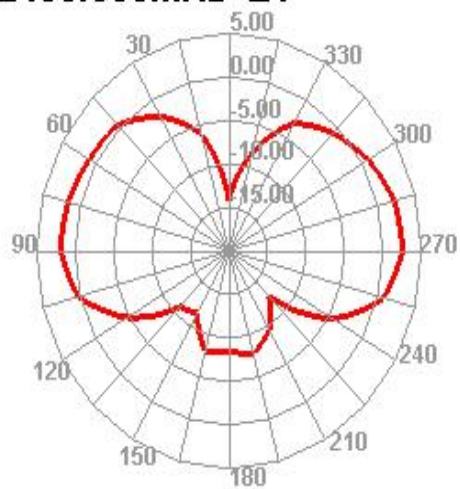
2400.000MHz



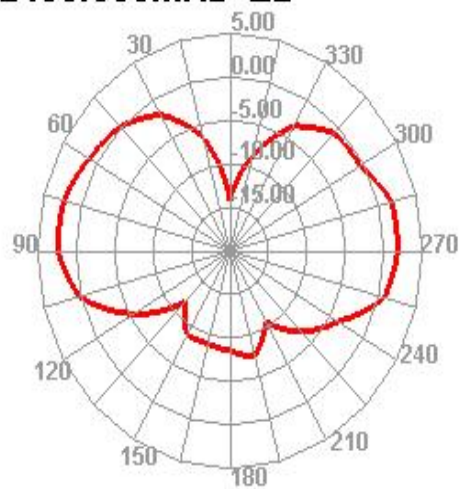
2400.000MHz H



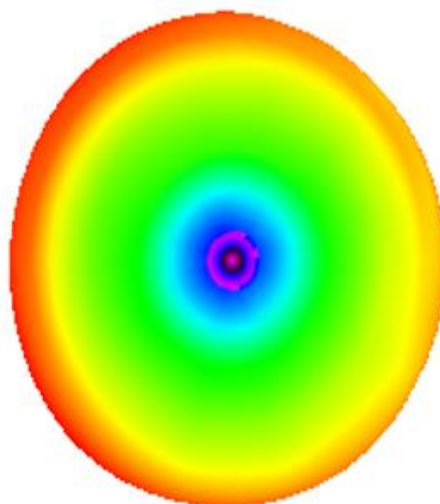
2400.000MHz E1



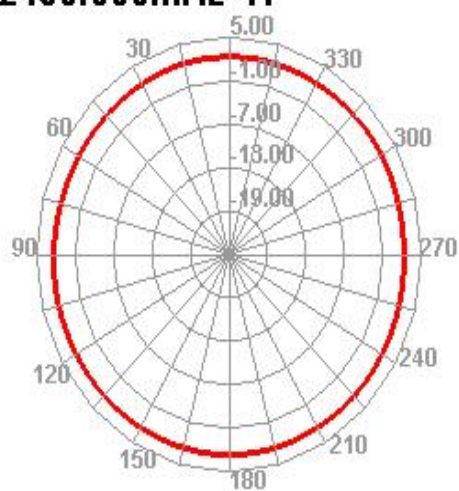
2400.000MHz E2



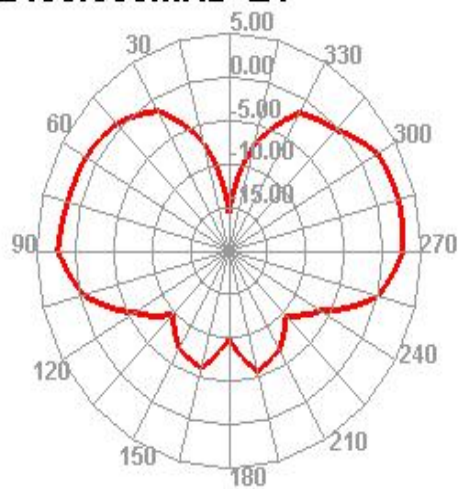
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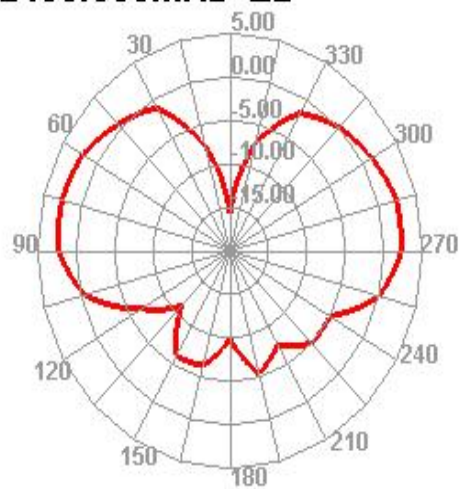
2450.000MHz H



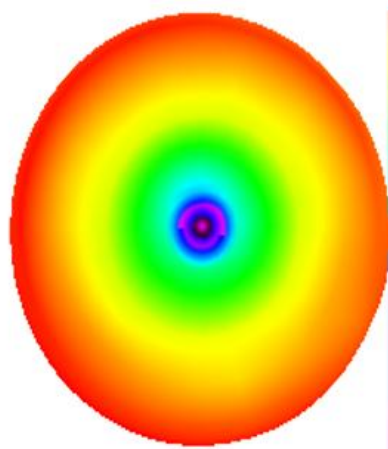
2450.000MHz E1



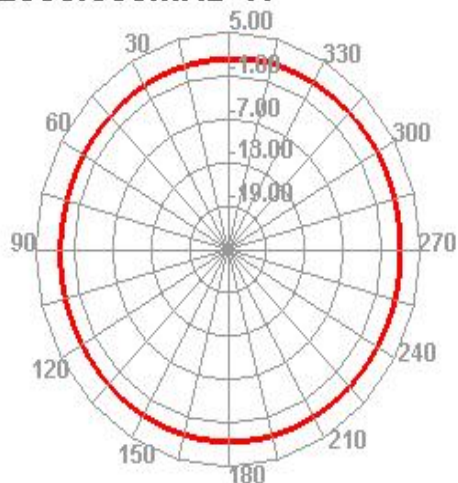
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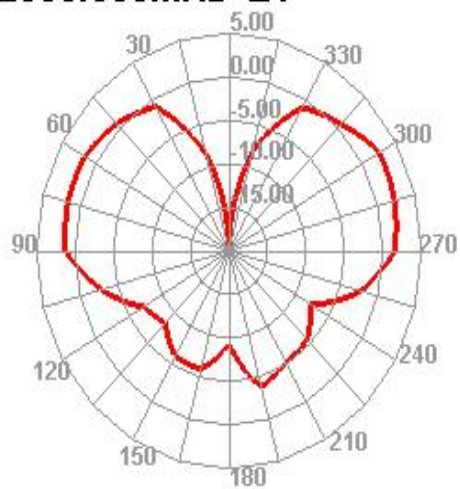
2500.000MHz



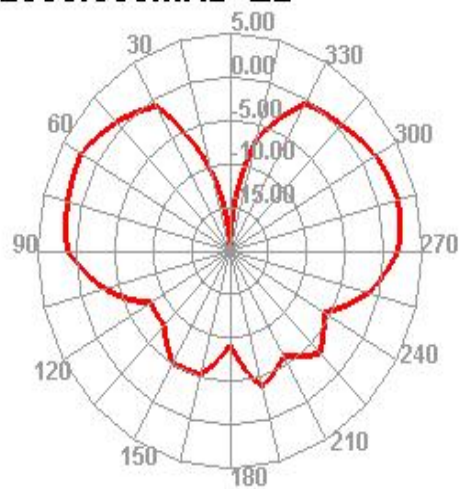
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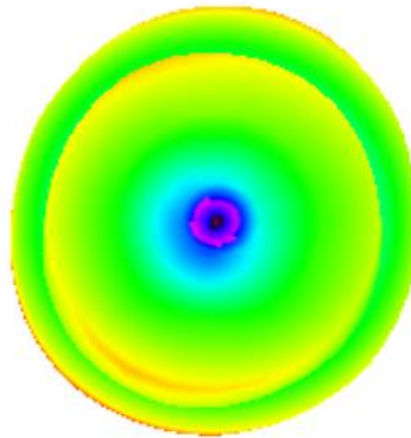
2500.000MHz E1



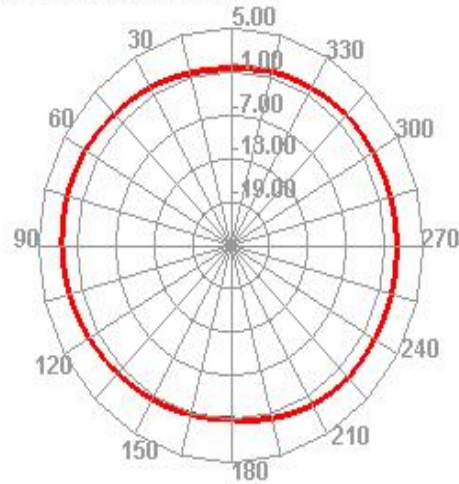
2500.000MHz E2



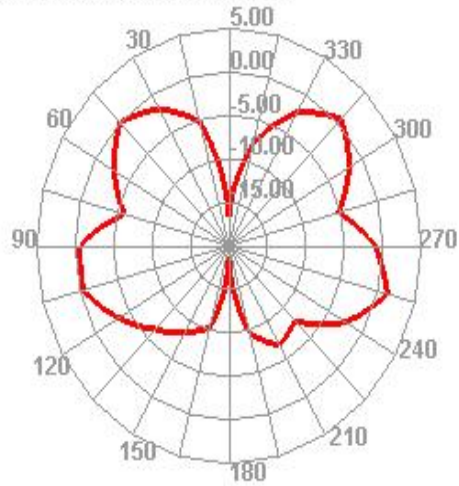
5150.000MHz



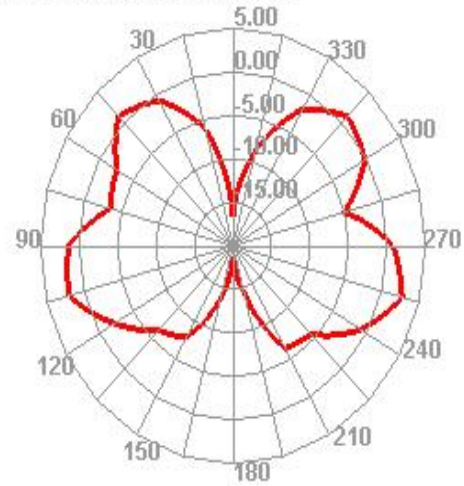
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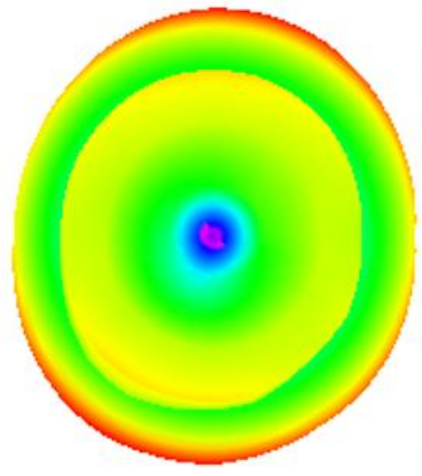
5150.000MHz E1



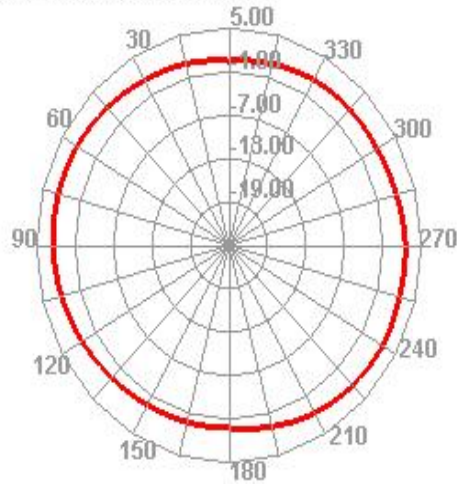
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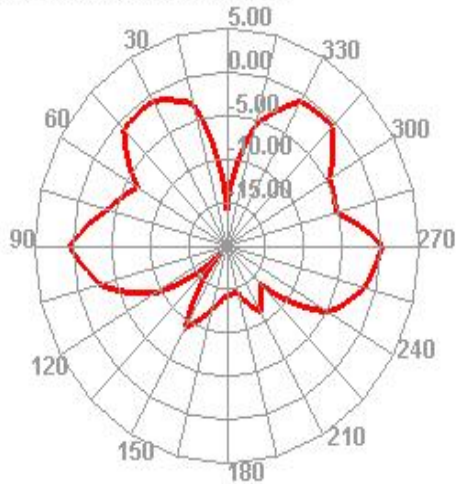
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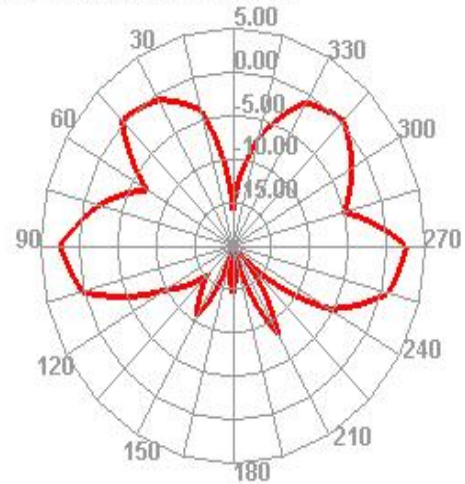
5500.000MHz H



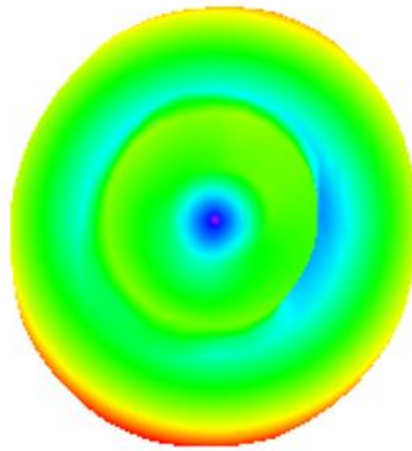
5500.000MHz E1



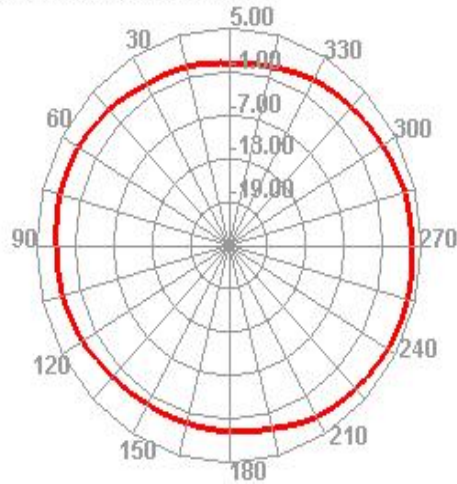
5500.000MHz E2



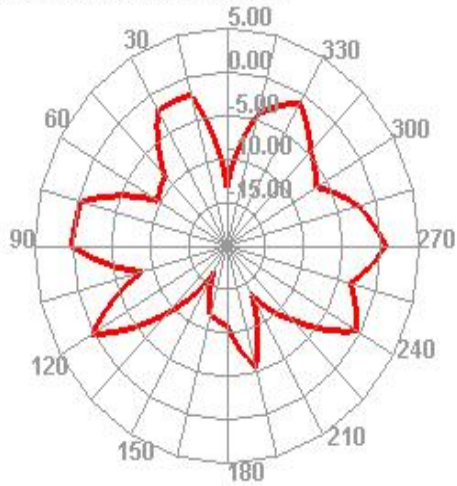
5850.000MHz



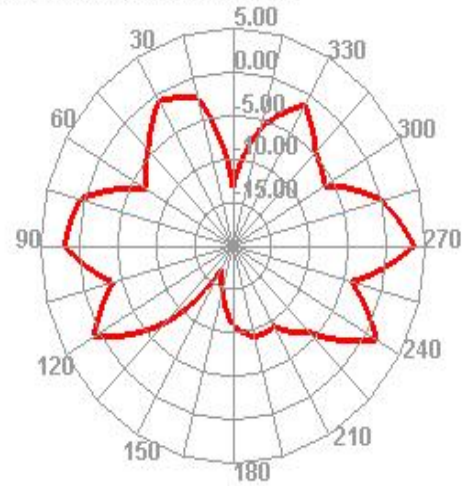
5850.000MHz H



5850.000MHz E1



5850.000MHz E2



天线图片

