

源创星电子（深圳）有限公司

Yuanchuangxing electronics (Shenzhen) CO., LTD.

cust. name	客 户 名 称:	Gosbel
cust. model	客 户 机 型:	GD8236
cust. P/N	客 户 料 号:	
cust. specific	客户规格描述:	
P/N	源创星 料号:	Y98N-FPC130A
EUT specific	源创星规格描述:	Black dual-band 2.4G/5G FPC antenna Black 1.13 wire length 100mm with terminals

Antenna specification

规 格 书

确 认 签 字 盖 章					
源 创 星 确 认			客 户 确 认		
制样	审核	批准	验证	审核	批准
邹杨辰					
源创星签字盖单			客户签字盖单		
日 期	2024-07-24		日 期	2024-07-24	

Manufacturer:Yuanchuangxing electronics (Shenzhen)CO.,LTD.
Adress:303, Building A, No. 164, Junxin Road, Niuahu Community,
Guanlan Street, Longhua District, Shenzhen

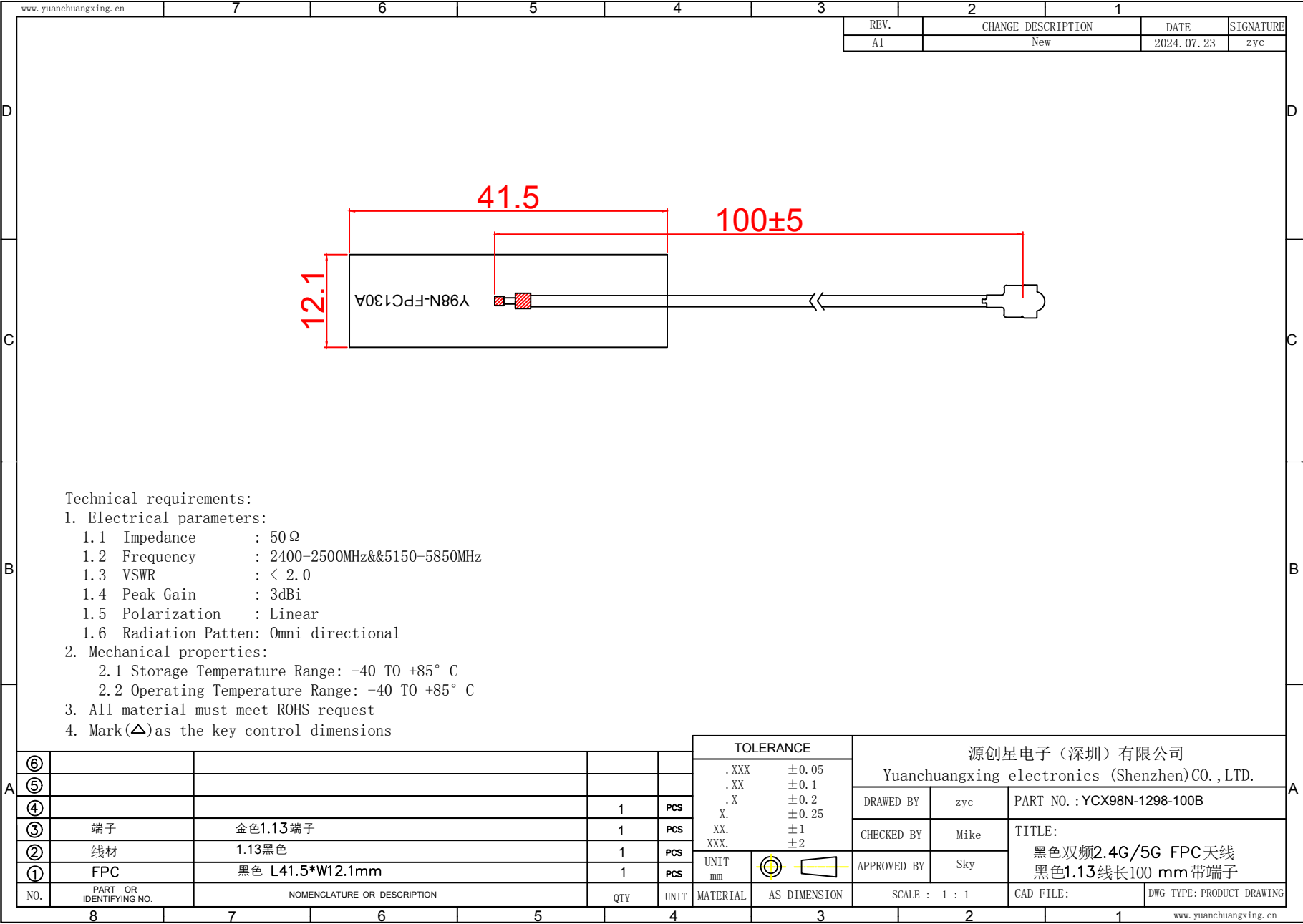
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文件制定/修订/废止履历表

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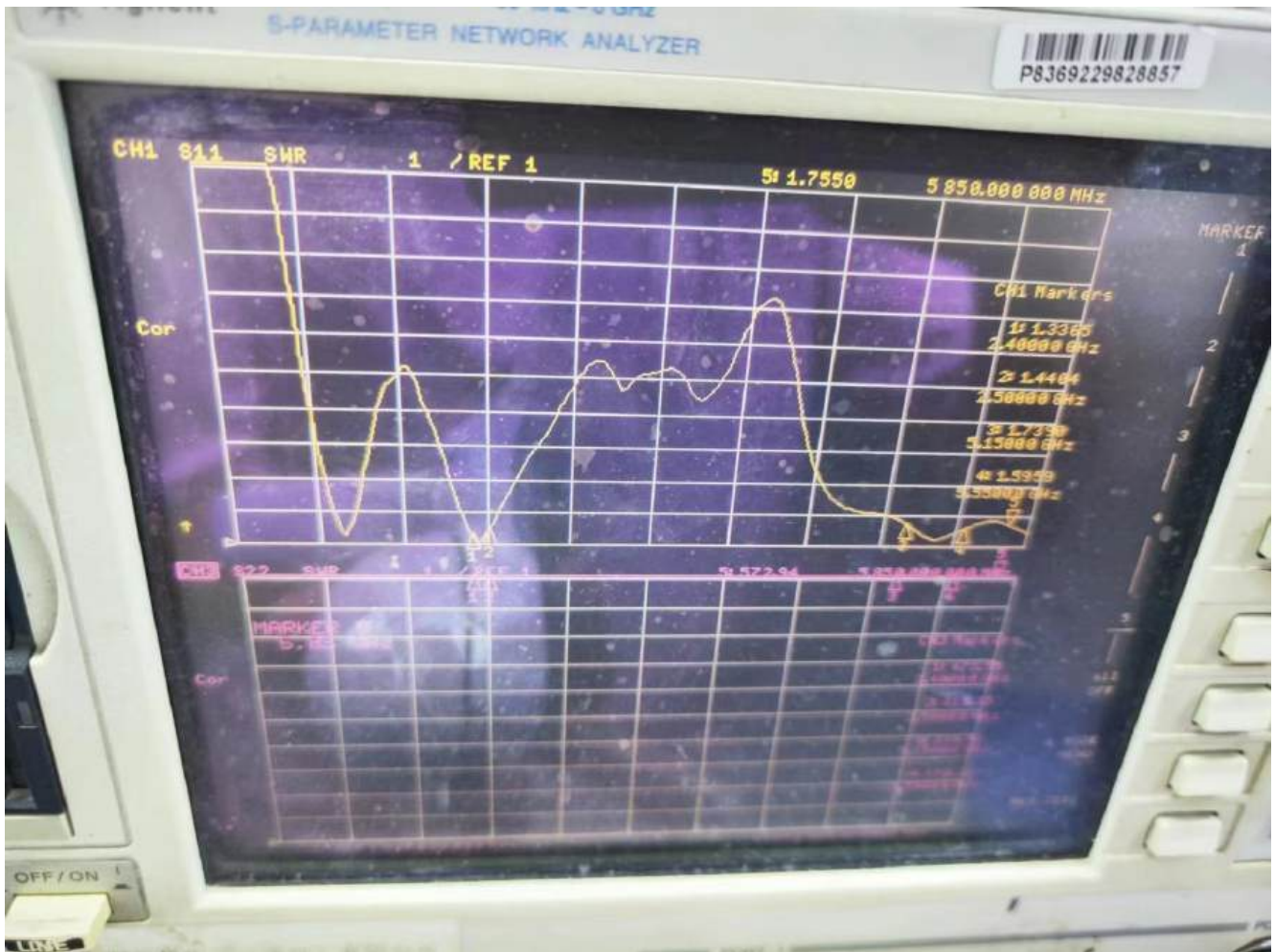
4、Dimensional drawing



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5. Passive performance test



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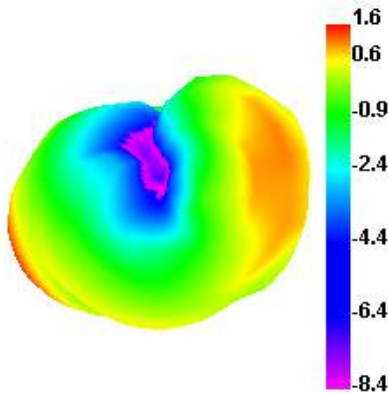
Yuanchuangxing electronics (Shenzhen) CO., LTD.

6, 2D, 3D performance diagram

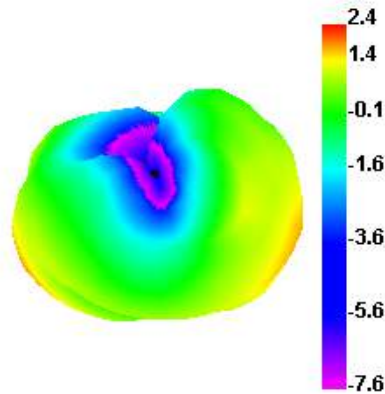
Freq (MHz)	Effi (%)	Gain (dBi)
2400	59.9	1.61
2410	61.35	1.69
2420	62.7	1.76
2430	62.23	1.78
2440	64.19	2.05
2450	65.84	2.37
2460	66.14	2.56
2470	65.96	2.61
2480	69.26	2.77
2490	73.66	2.93
2500	74.94	2.89

Freq (MHz)	Effi (%)	Gain (dBi)
5150	58.47	3.35
5200	61.04	3.13
5250	60.93	3.34
5300	59.82	2.8
5350	59.96	2.85
5400	51.96	2.21
5450	53.92	2.76
5500	52.5	2.13
5550	55.31	2.48
5600	54.88	2.52
5650	55.76	2.71
5700	58.53	2.62
5750	57.18	2.12
5800	51.09	2.13
5850	50.09	1.6

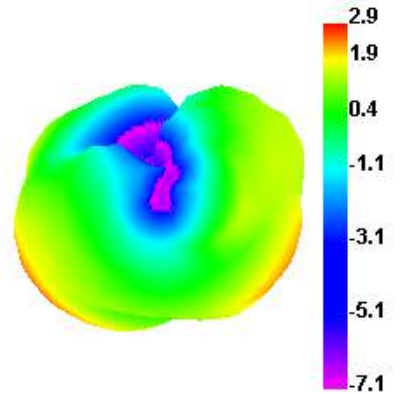
2400.000MHz



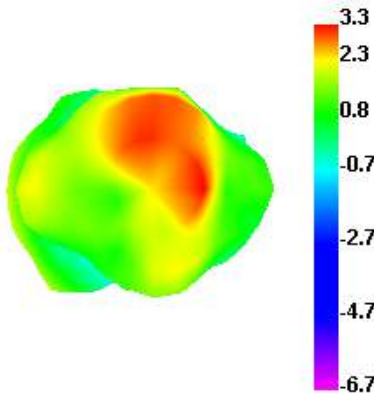
2450.000MHz



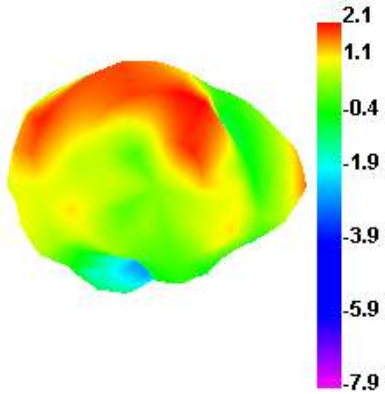
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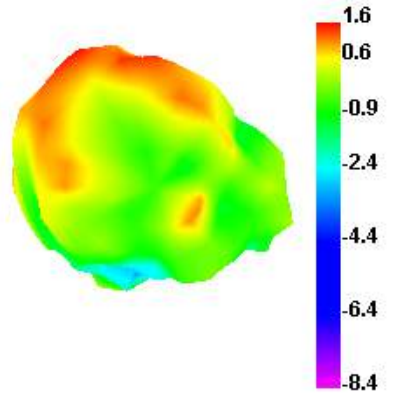
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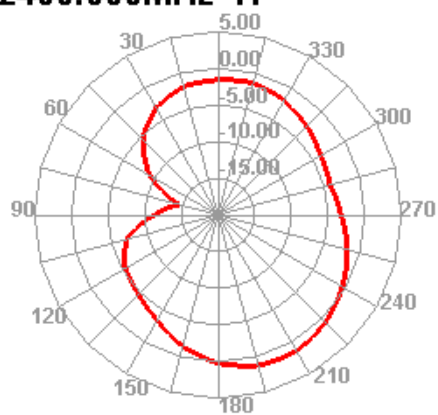
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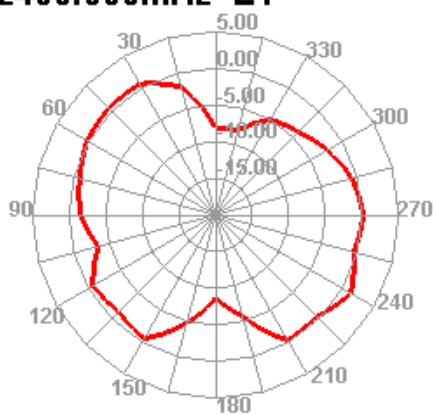
5850.000MHz



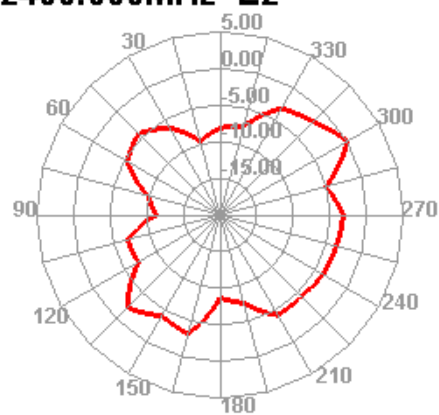
2400.000MHz H



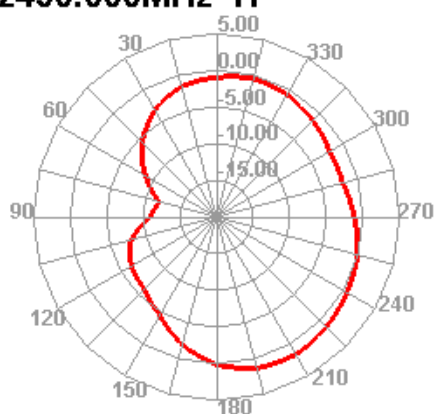
2400.000MHz E1



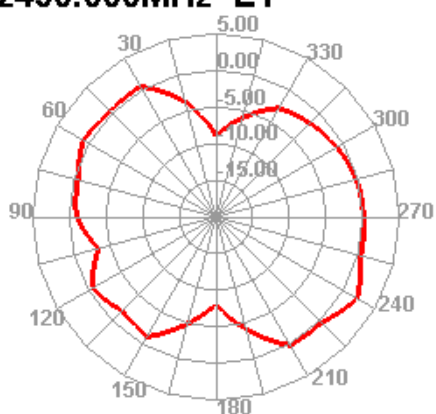
2400.000MHz E2



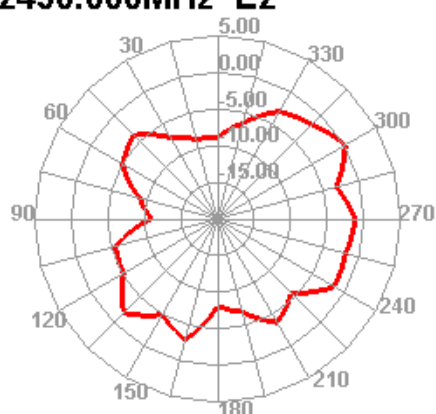
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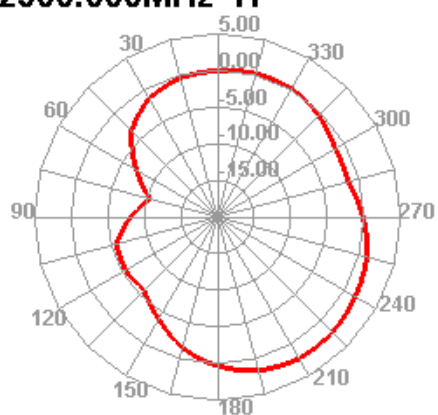
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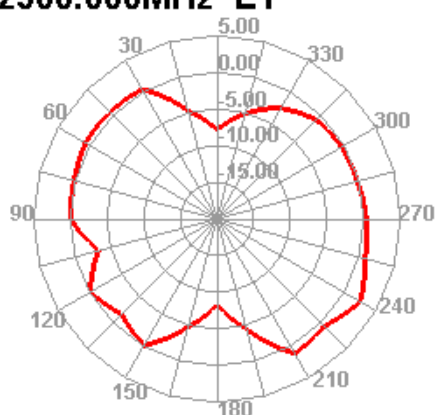
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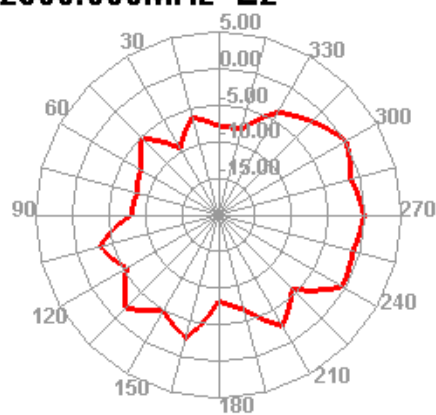
2500.000MHz H



2500.000MHz E1



2500.000MHz E2

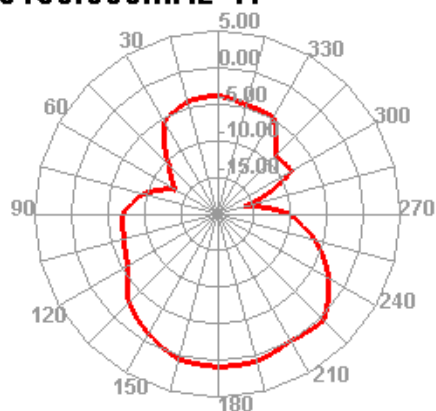


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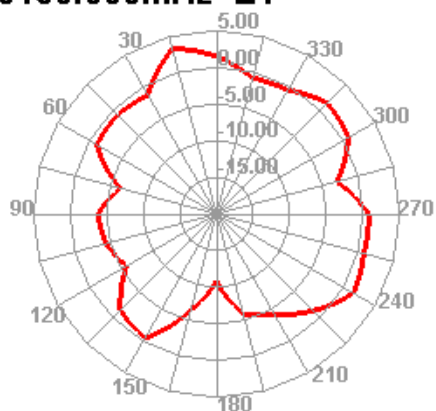
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6, 2D, 3D performance diagram

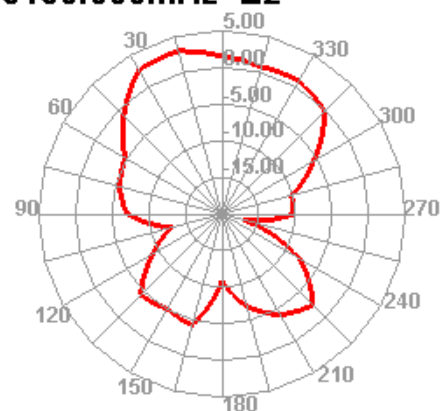
5150.000MHz H



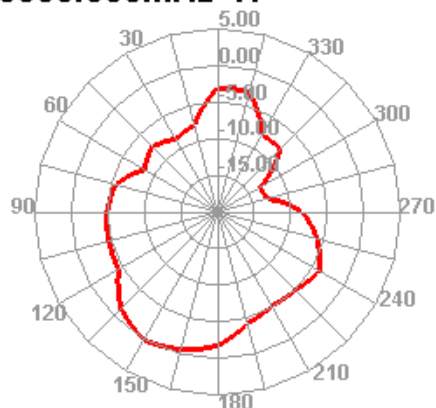
5150.000MHz E1



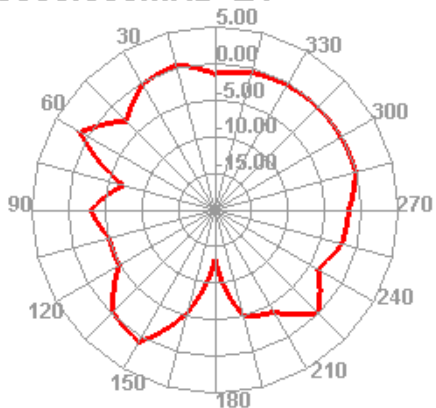
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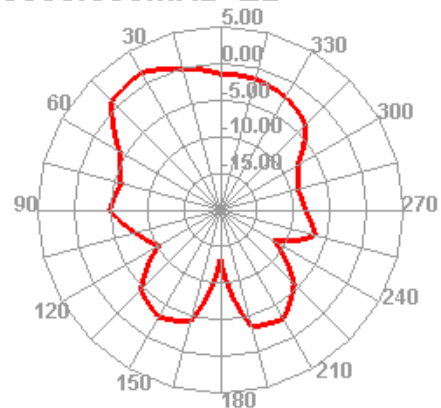
5500.000MHz H



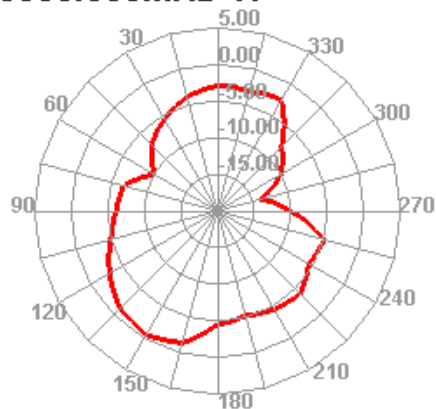
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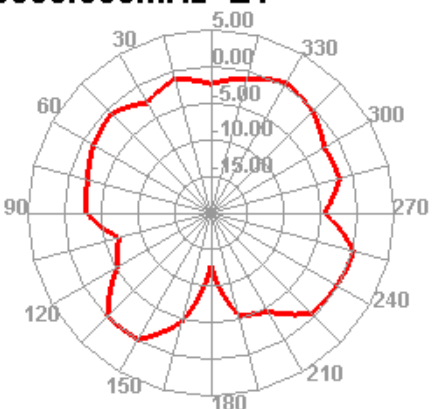
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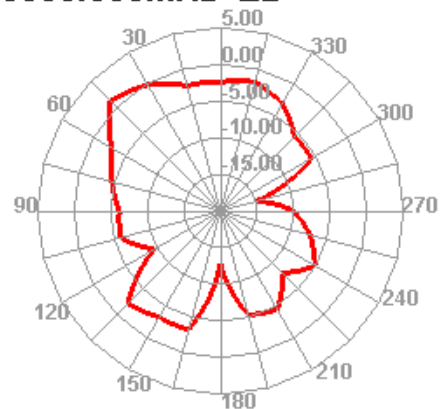
5850.000MHz H



5850.000MHz E1



5850.000MHz E2



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7, electrical performance parameters

电气参数 Electrical parameter	
频率范围 Frequency range	2.4GHz-2.5GHz&&5.15-5.85Ghz
输入阻抗 Input impedance	50Ω
驻波比 Standing-wave ratio	<2.0 对照样品测试图形 <2.0 Control sample test graph
增益 Gain	3dBi
极化方式 Polarization mode	垂直极化 Vertical polarization
辐射方向 Radiation direction	omnidirectional
连接方式 Connection mode	IPEX
机械参数 Mechanical parameter	
见线长 Sight length	
维持力 Maintenance power	
同轴电缆 Coaxial cable	
盐雾测试 Salt spray test	
环境参数 Environmental parameter	
工作温度 Operating temperature	-40~85℃