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APPROVAL

客 户
company:

深圳天星创展电子有限公司
Shenzhen star Chuangzhan Electronics Co., LTD

品 名 规 格

DESCRIPTION:

2.4/5GHz Ver1.0

料 号

PART NO.:

YD-2.4/5GHZ Ver1.0-L120-1-A

客 户 料 号

CUS PART NO.:

日 期

D A T E:

2024. 3. 30

云顶呈样签章

工 程 ENGINEERING DEPARTMENT	品 保 Q C DEPARTMENT	业 务 SALES DEPARTMENT

客户承认签章

工 程 ENGINEERING DEPARTMENT	品 保 Q C DEPARTMENT	采 购 PURCHASING DEPARTMENT

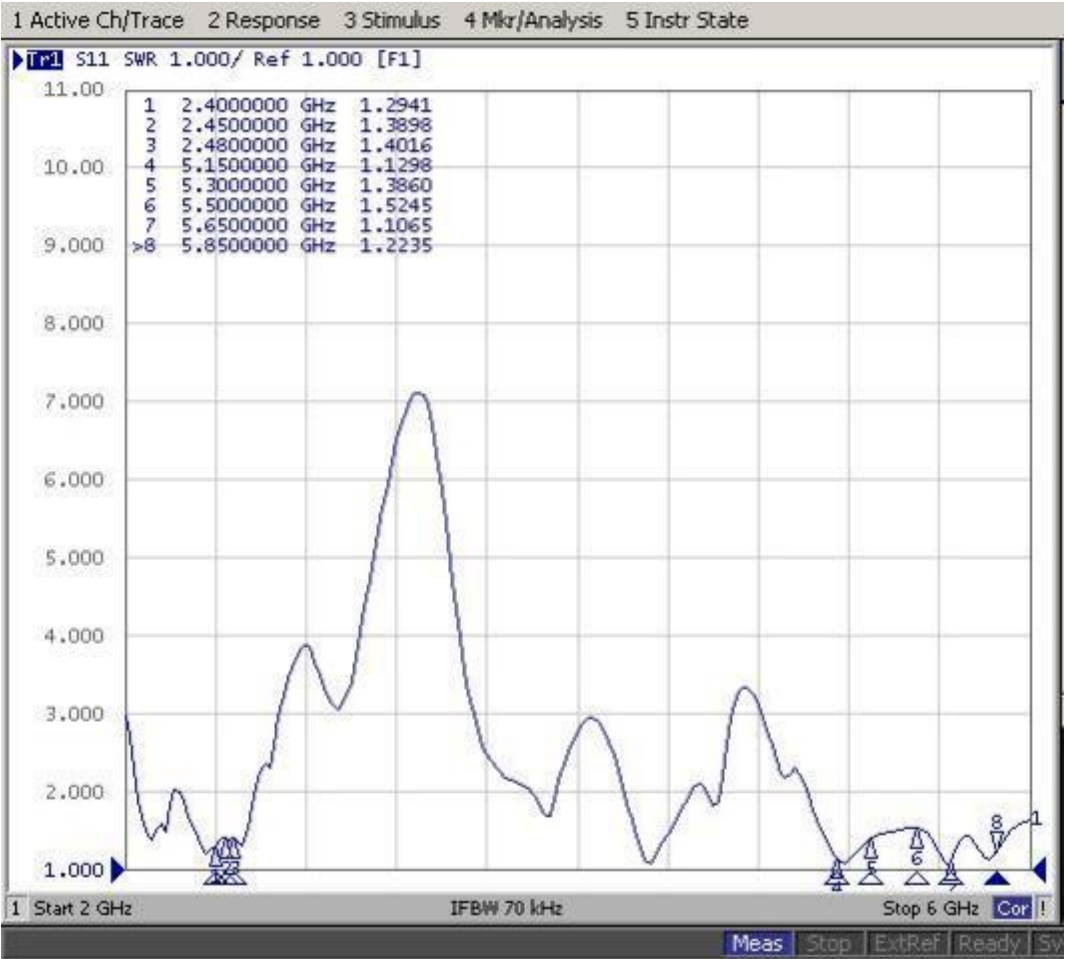
联系电话: 0755 23073599

※ 承认书一式三份, 惠蒙贵司承认签章

※ Approval in duplicate, please signed by your company.

Antenna performance

SWR



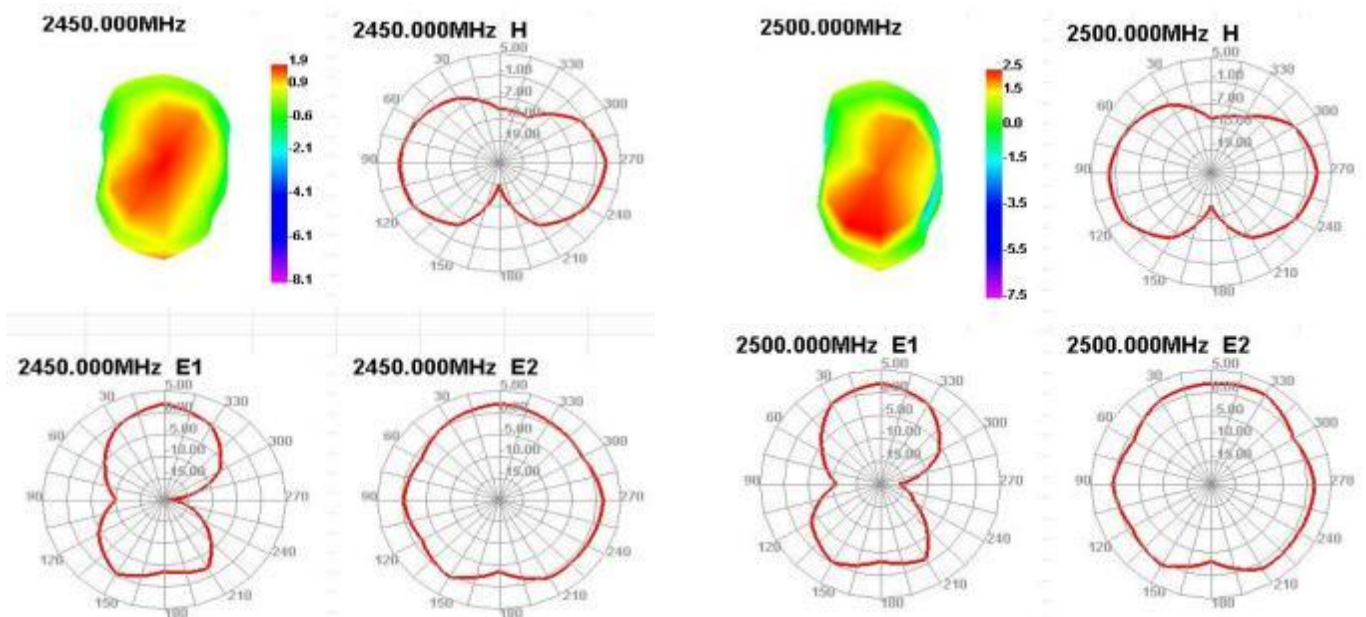
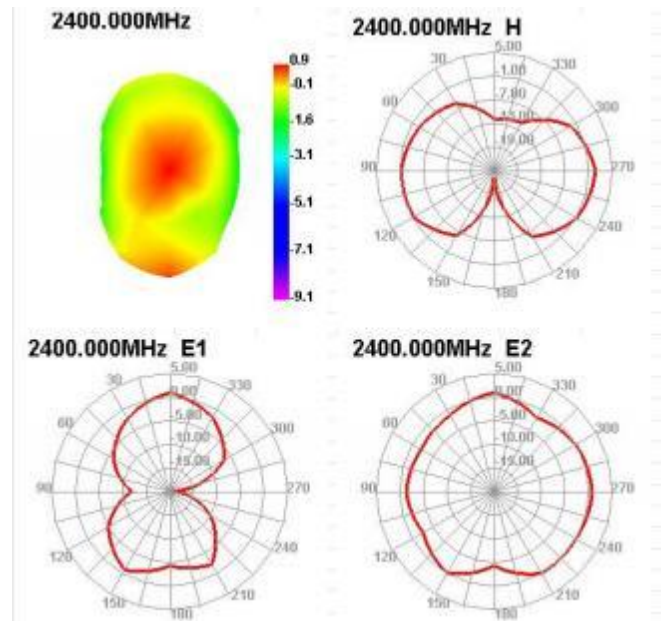
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Antenna efficiency and gain

Passive Test For WIFI2.4		
Freq (MHz)	Effi (%)	Gain (dBi)
2400	52.79	0.91
2410	53.94	0.96
2420	52.11	0.9
2430	53.01	0.99
2440	57.67	1.43
2450	63.29	1.92
2460	62.3	1.88
2470	65.18	2
2480	68.5	2.1
2490	73.41	2.55
2500	71.9	2.51



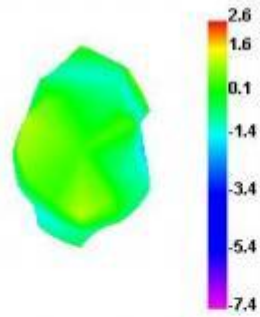
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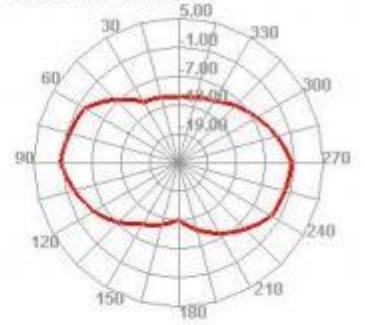
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Passive Test For WIFI5.8		
Freq (MHz)	Effi (%)	Gain (dBi)
5150	55.49	2.56
5200	52.58	2.08
5250	50.52	1.53
5300	53.88	2.34
5350	59.16	3.2
5400	65.7	3.46
5450	57.36	2.96
5500	55.25	2.87
5550	51.22	2.4
5600	44.64	1.57
5650	44.98	1.34
5700	49.18	2.02
5750	60.24	3.43
5800	61.27	3.38
5850	53.19	2.78

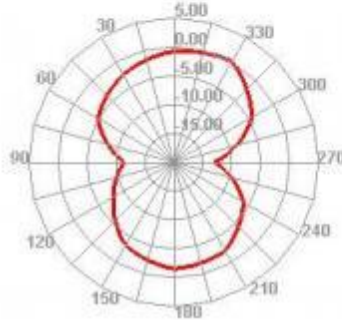
5150.000MHz



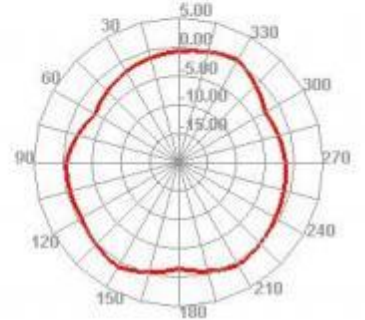
5150.000MHz H



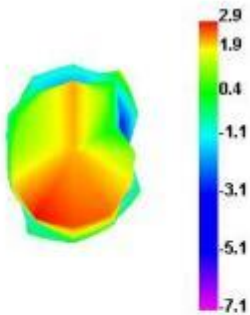
5150.000MHz E1



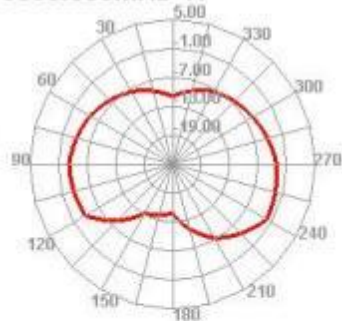
5150.000MHz E2



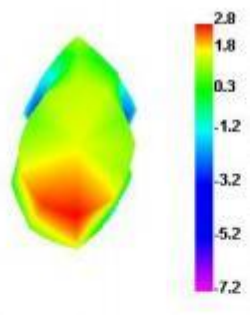
5500.000MHz



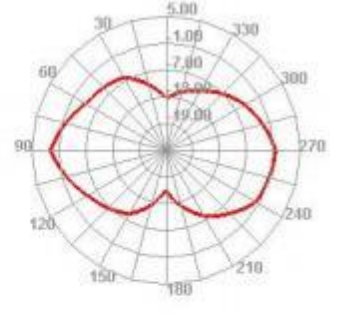
5500.000MHz H



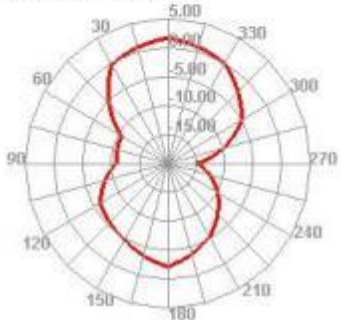
5850.000MHz



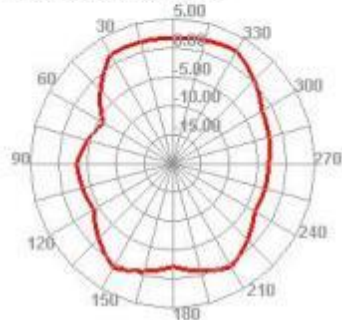
5850.000MHz H



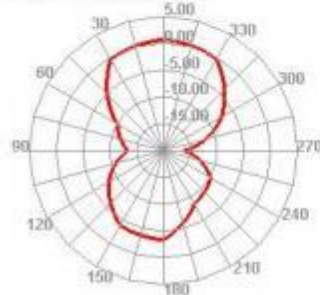
5500.000MHz E1



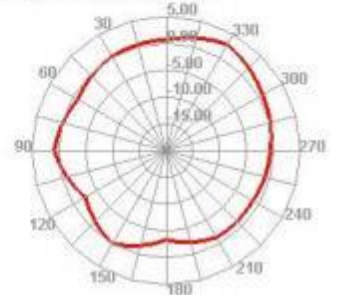
5500.000MHz E2



5850.000MHz E1



5850.000MHz E2



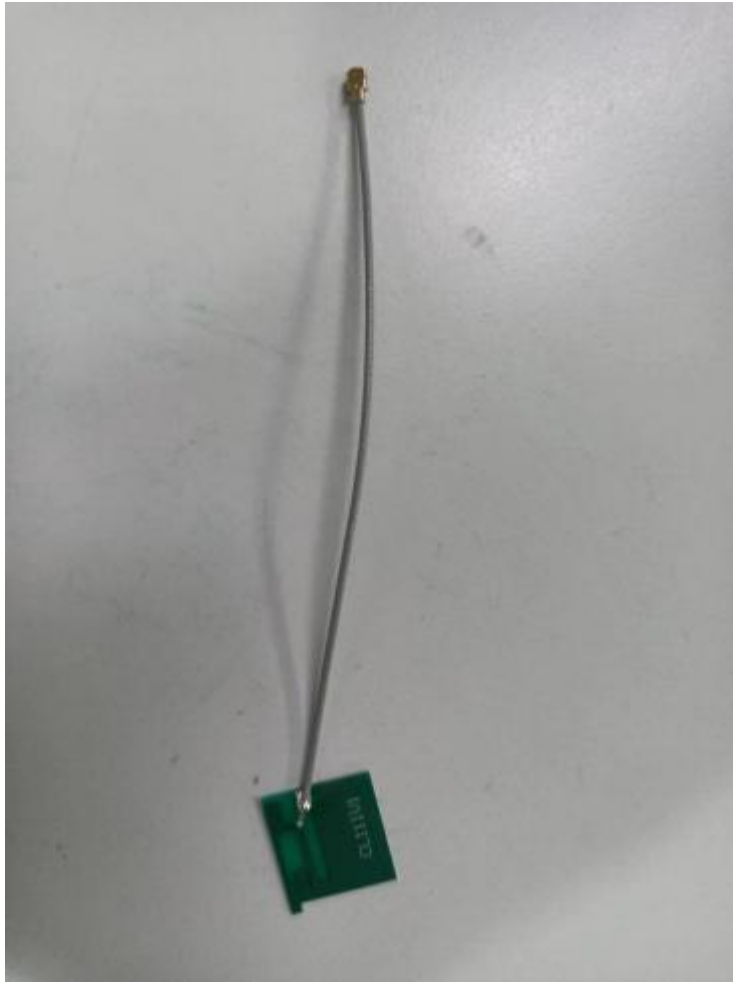
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Antenna size diagram

The PCB board is CL111V1, The wire is 1.13 wire diameter, gray, wire length 110mm



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电器技术参数			
电 性 能 指 标		Electrical Specifications	
频率范围	2400~2500/5150~5850MHz	Frequency Range	2400~2500/5150~5850MHz
电压驻波比	≤2.0	VSWR	≤2.0
输入阻抗	50 Ω	Input Impedance	50 Ω
增益	3.5 DBI	Gain	3.5DBI
机 械 指 标		Mechanical Specifications	
天线颜色	灰色	Antenna Color	gray
天线线长	110mm	Cable length	110mm
工作温度	-40℃~+85℃	Working Temperature	-40℃~+85℃
工作湿度	20~80%	Working Humidity	20~80%