

Antenna Report

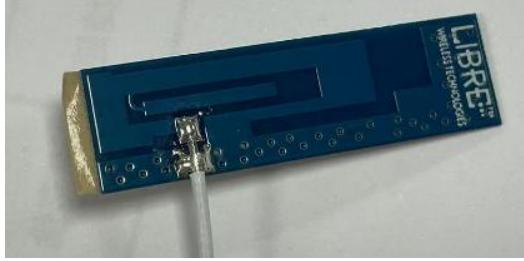
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KUNSHAN, JIANGSU CHINA
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零件名称 PART NAME : /
耀登案号 DEVE NO. : AUK02096B
零件编码 PART NO. : A72332-00
承认日期 DATE : 2025.7.11

耀登电通科技（昆山）有限公司 Auden Techno(KUNSHAN)CO.LTD			
电气工程师 Electrical eEngineer	结构工程师 Structural Engineer	项目 Project Engineer	审核 check
范伟凡	袁璐阳	张园勤	朱敏

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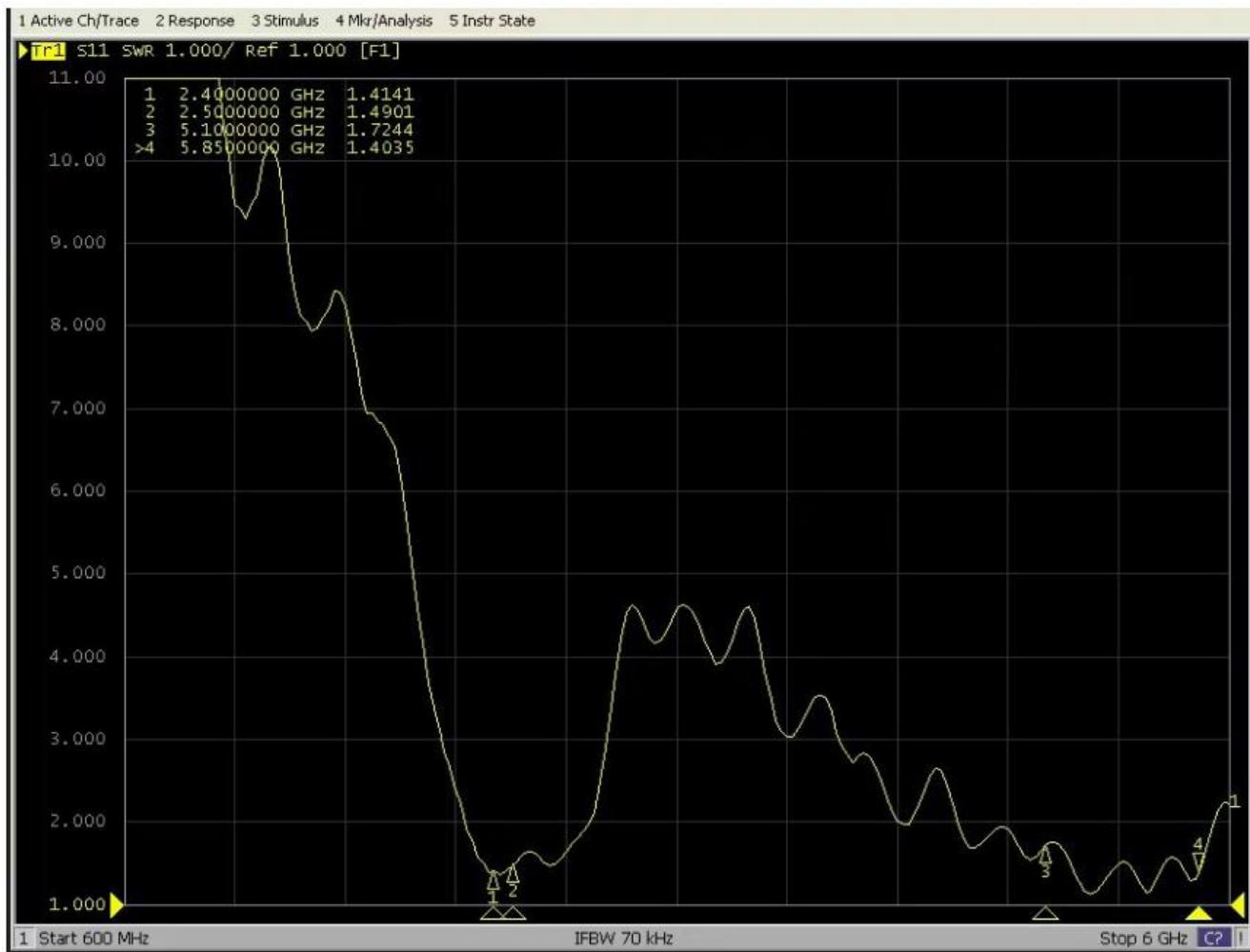
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天线基本参数 (The Basic Parameters)

项目 (Item)	特性 (Specifications)
天线结构组成 (Antenna structure composition)	PCB+CABLE+背胶 (PCB + CABLE + Adhesive)
频率 (Frequency)	2400Mhz-2500MHz; 5150Mhz-5850MHz
驻波比 (V.S.W.R)	≤3
特性阻抗 (Impedance)	50Ω
接头形式 (Joint form)	1 代端子 (1st generation terminal)
工作温度 (Operation temperature)	-40°C to 85°C
储存温度 (Storage temperature)	-40°C to 85°C
湿度 (humidity)	Non-condensing 65°C 95% RH
天线图片 (Antenna picture)	

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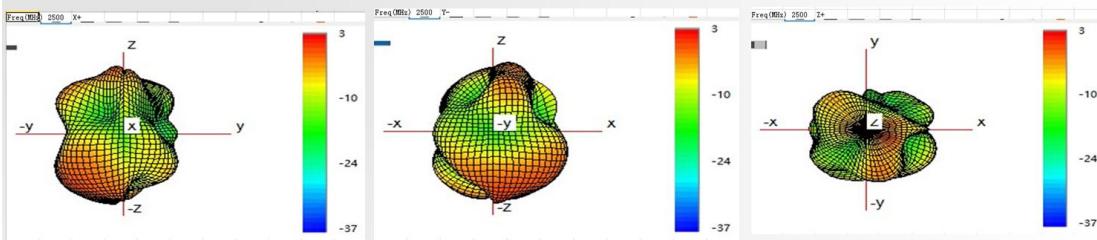
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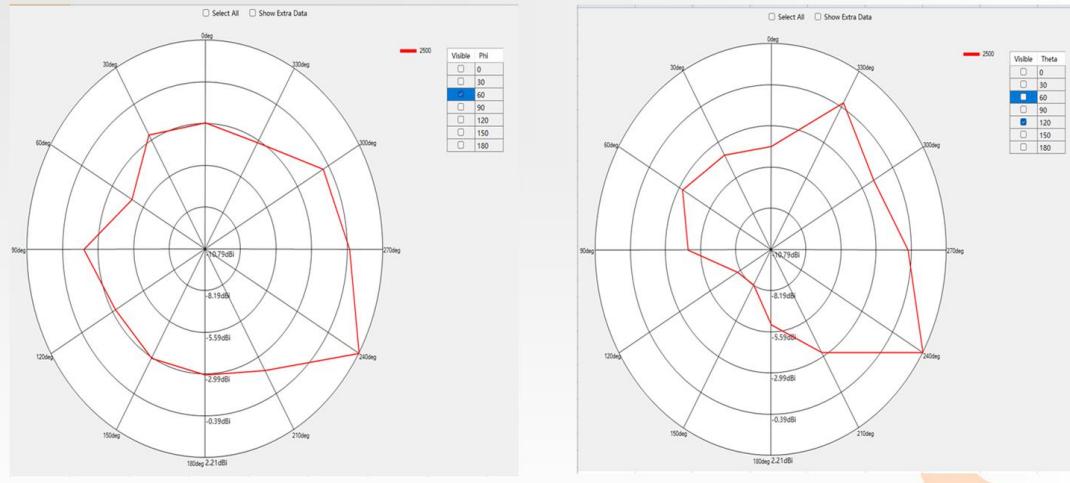
Passive test data:

测试频率	Efficiency-%	Gain(dBi)	测试频率	Efficiency-%	Gain(dBi)
2400	45.36	1.68	5150	32.62	-1.13
2410	44.82	1.59	5200	32.68	-0.95
2420	44.61	1.62	5250	36.3	0.1
2430	43.73	1.58	5300	32.72	0.53
2440	44.25	1.58	5350	33.25	0.57
2450	44.87	1.6	5400	33.27	0.24
2460	44.77	1.75	5450	31.8	-0.22
2470	45.18	1.82	5500	29.52	-1.25
2480	45.56	1.96	5550	28.72	-1.59
2490	45.72	2.08	5600	30.95	-1.41
2500	45.68	2.21	5650	30.2	-1.64
			5700	29.83	-1.73
			5750	28.34	-2.06
			5800	26.78	-1.62
			5850	26.28	-1.14

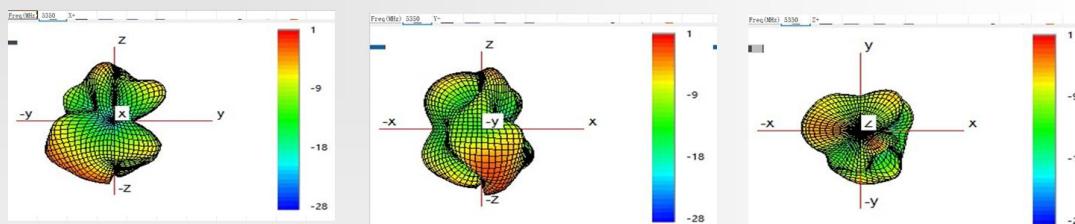
3D Radiation Pattern of Antenna (2500Mhz)**CONFIDENTIAL**

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Antenna 2D Diagram (2500Mhz)

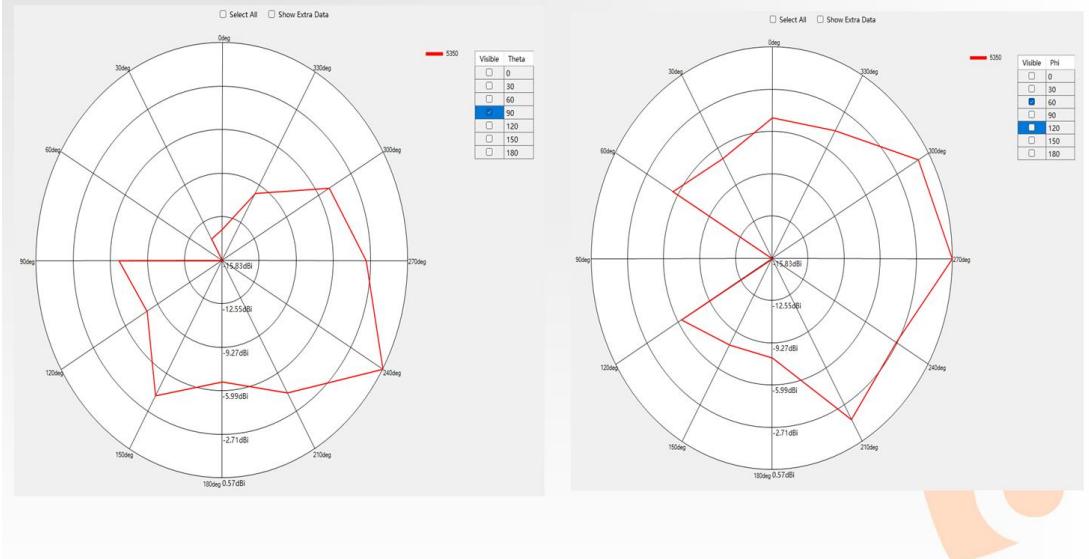


3D Radiation Pattern of Antenna (5350Mhz)

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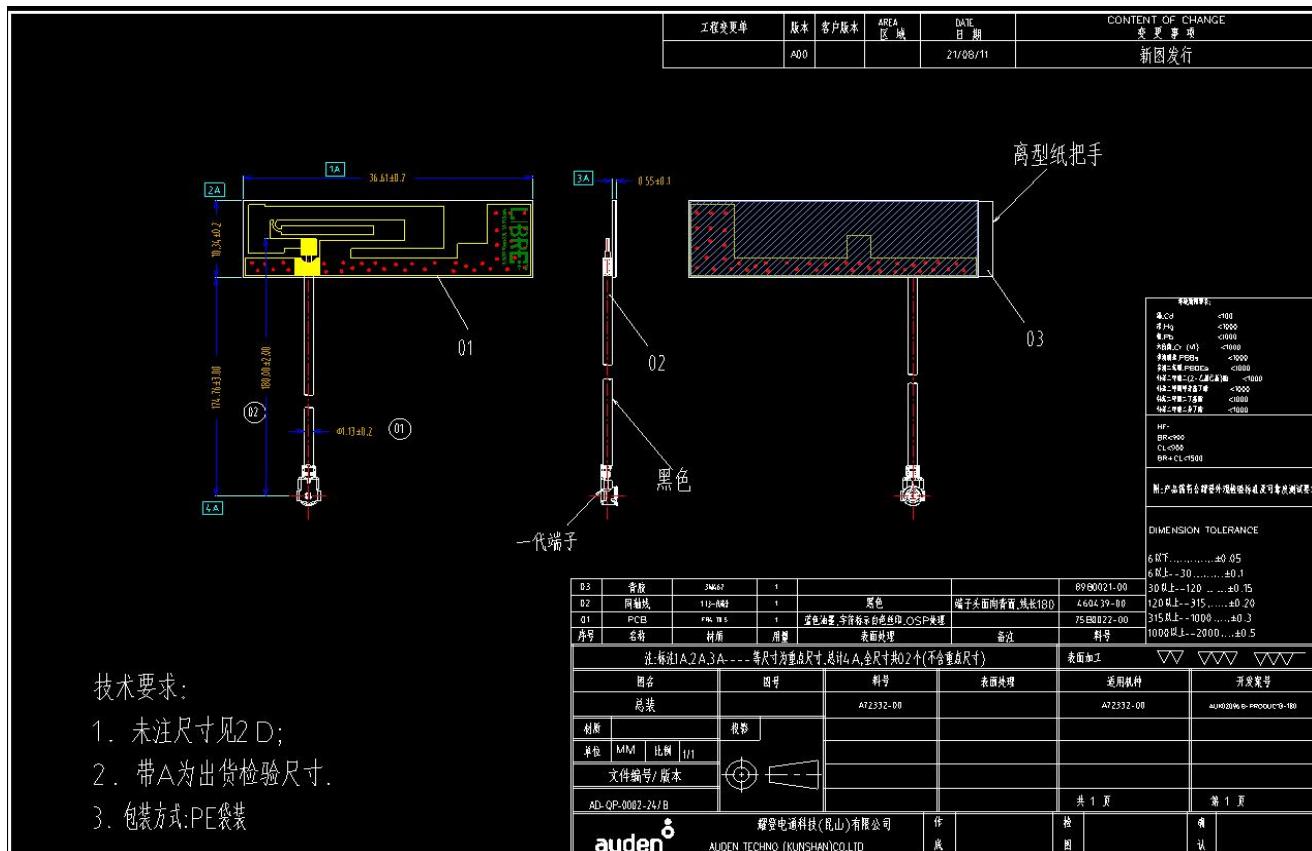
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Antenna 2D Diagram (5350Mhz)

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Product Drawing:



技术要求:

1. 未注尺寸见2D;
2. 带A为出货检验尺寸.
3. 包装方式:PE袋装

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