



Antenna Report

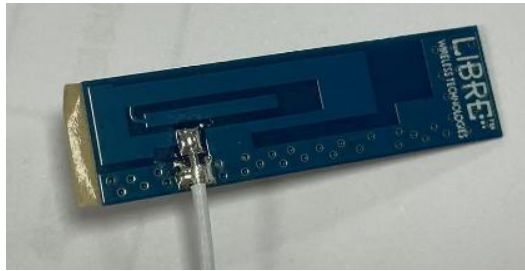
客户名称 CUSTOMER : Hansang (Nanjing) Technology Co., Ltd.
制造商 MANUFACTURER : Auden Techno(KUNSHAN)CO.LTD
制 造 商 地 址 MANUFACTURER address : NO.15 YING-BIN ROAD, LUYANGTOWN,
KUNSHAN, JIANGSU CHINA
客户案号 CS P/N : 45-2-000245
零件名称 PART NAME : /
耀登案号 DEVE NO. : AUK02096B
零件编码 PART NO. : A72332-00
承认日期 DATE : 2025.7.11

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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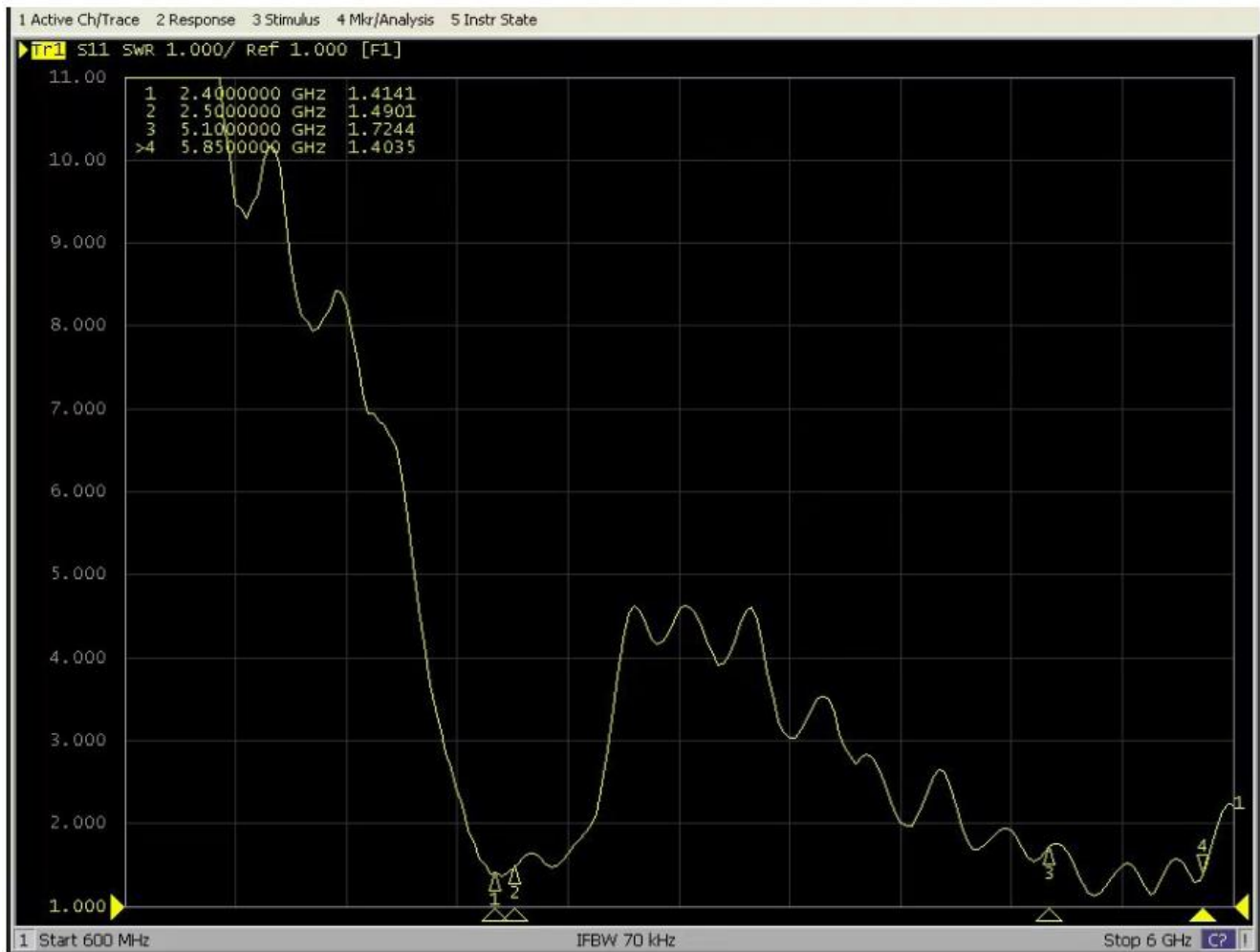
天线基本参数 (The Basic Parameters)

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)	50 Ω
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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VSWR:



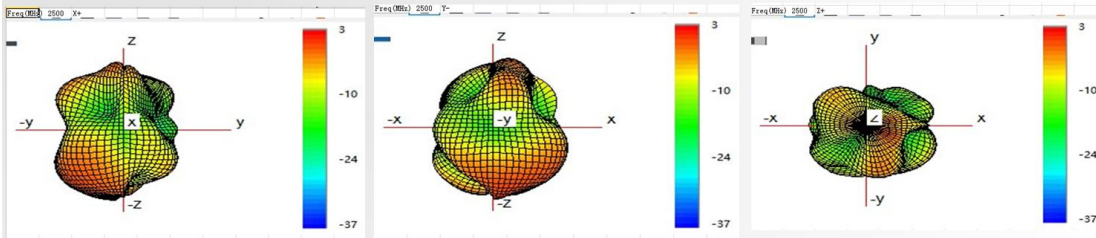
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Passive test data:

测试频率	Efficiency y-%	Gain(dBi)	测试频率	Efficiency y-%	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

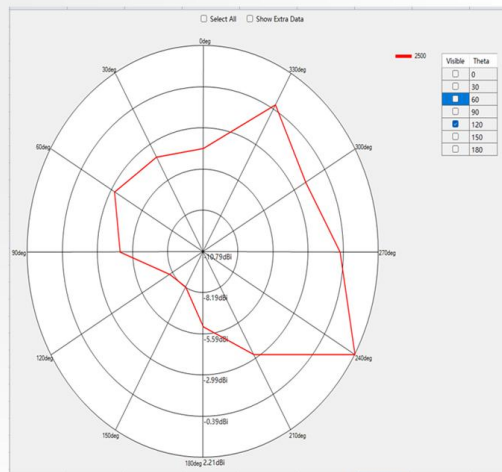
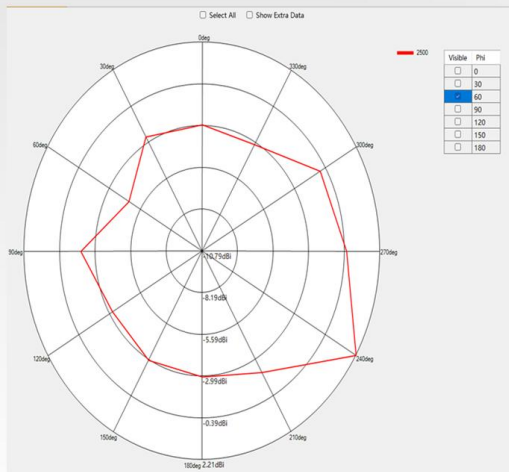
3D Radiation Pattern of Antenna (2500Mhz)



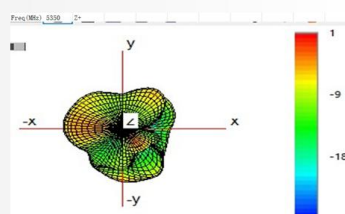
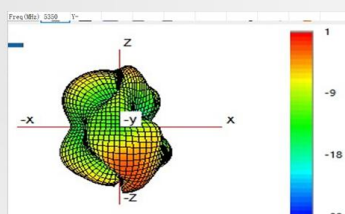
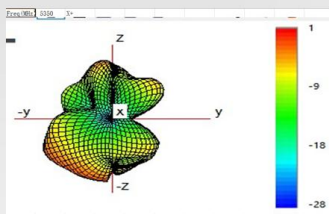
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Antenna 2D Diagram (2500Mhz)

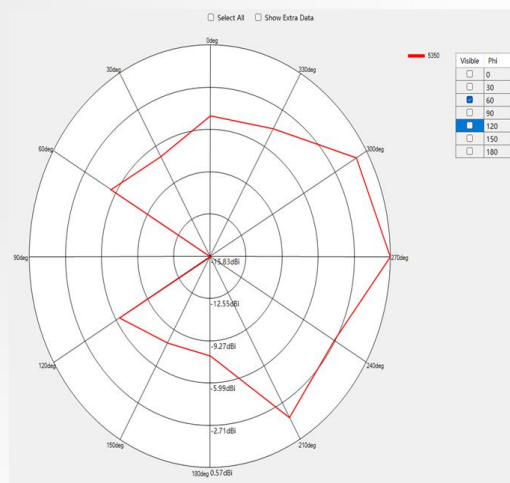
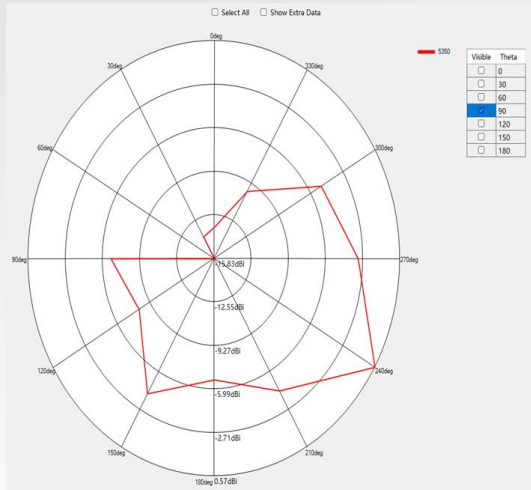


3D Radiation Pattern of Antenna (5350Mhz)

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Antenna 2D Diagram (5350Mhz)

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Product Drawing:

工程变更单	版本	客户版本	AREA 区域	DATE 日期	CONTENT OF CHANGE 变更内容
	A00			21/08/11	新图发行

离型纸把手

一代端子

单位: mm 比例: 1:1 文件编号/版本: AD-QP-0002-24/B	材料: 黑色 表面处理: OSP处理 备注: 1. 端子头面向背面, 线长180 2. 端子头面向正面, 线长180 3. 端子头面向侧面, 线长180
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尺寸: 1A, 2A, 3A, 4A, 5A, 6A, 7A, 8A, 9A, 10A, 11A, 12A, 13A, 14A, 15A, 16A, 17A, 18A, 19A, 20A, 21A, 22A, 23A, 24A, 25A, 26A, 27A, 28A, 29A, 30A, 31A, 32A, 33A, 34A, 35A, 36A, 37A, 38A, 39A, 40A, 41A, 42A, 43A, 44A, 45A, 46A, 47A, 48A, 49A, 50A, 51A, 52A, 53A, 54A, 55A, 56A, 57A, 58A, 59A, 60A, 61A, 62A, 63A, 64A, 65A, 66A, 67A, 68A, 69A, 70A, 71A, 72A, 73A, 74A, 75A, 76A, 77A, 78A, 79A, 80A, 81A, 82A, 83A, 84A, 85A, 86A, 87A, 88A, 89A, 90A, 91A, 92A, 93A, 94A, 95A, 96A, 97A, 98A, 99A, 100A	公差: ±0.1, ±0.2, ±0.3, ±0.4, ±0.5, ±0.6, ±0.7, ±0.8, ±0.9, ±1.0, ±1.2, ±1.5, ±2.0, ±2.5, ±3.0, ±3.5, ±4.0, ±4.5, ±5.0, ±5.5, ±6.0, ±6.5, ±7.0, ±7.5, ±8.0, ±8.5, ±9.0, ±9.5, ±10.0, ±10.5, ±11.0, ±11.5, ±12.0, ±12.5, ±13.0, ±13.5, ±14.0, ±14.5, ±15.0, ±15.5, ±16.0, ±16.5, ±17.0, ±17.5, ±18.0, ±18.5, ±19.0, ±19.5, ±20.0, ±20.5, ±21.0, ±21.5, ±22.0, ±22.5, ±23.0, ±23.5, ±24.0, ±24.5, ±25.0, ±25.5, ±26.0, ±26.5, ±27.0, ±27.5, ±28.0, ±28.5, ±29.0, ±29.5, ±30.0, ±30.5, ±31.0, ±31.5, ±32.0, ±32.5, ±33.0, ±33.5, ±34.0, ±34.5, ±35.0, ±35.5, ±36.0, ±36.5, ±37.0, ±37.5, ±38.0, ±38.5, ±39.0, ±39.5, ±40.0, ±40.5, ±41.0, ±41.5, ±42.0, ±42.5, ±43.0, ±43.5, ±44.0, ±44.5, ±45.0, ±45.5, ±46.0, ±46.5, ±47.0, ±47.5, ±48.0, ±48.5, ±49.0, ±49.5, ±50.0, ±50.5, ±51.0, ±51.5, ±52.0, ±52.5, ±53.0, ±53.5, ±54.0, ±54.5, ±55.0, ±55.5, ±56.0, ±56.5, ±57.0, ±57.5, ±58.0, ±58.5, ±59.0, ±59.5, ±60.0, ±60.5, ±61.0, ±61.5, ±62.0, ±62.5, ±63.0, ±63.5, ±64.0, ±64.5, ±65.0, ±65.5, ±66.0, ±66.5, ±67.0, ±67.5, ±68.0, ±68.5, ±69.0, ±69.5, ±70.0, ±70.5, ±71.0, ±71.5, ±72.0, ±72.5, ±73.0, ±73.5, ±74.0, ±74.5, ±75.0, ±75.5, ±76.0, ±76.5, ±77.0, ±77.5, ±78.0, ±78.5, ±79.0, ±79.5, ±80.0, ±80.5, ±81.0, ±81.5, ±82.0, ±82.5, ±83.0, ±83.5, ±84.0, ±84.5, ±85.0, ±85.5, ±86.0, ±86.5, ±87.0, ±87.5, ±88.0, ±88.5, ±89.0, ±89.5, ±90.0, ±90.5, ±91.0, ±91.5, ±92.0, ±92.5, ±93.0, ±93.5, ±94.0, ±94.5, ±95.0, ±95.5, ±96.0, ±96.5, ±97.0, ±97.5, ±98.0, ±98.5, ±99.0, ±99.5, ±100.0
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技术要求: 1. 未注尺寸见2 D; 2. 带A为出货检验尺寸. 3. 包装方式: PE袋装	图号: A72332-08 表面: 表面 材料: 黑色 公差: ±0.1, ±0.2, ±0.3, ±0.4, ±0.5, ±0.6, ±0.7, ±0.8, ±0.9, ±1.0, ±1.2, ±1.5, ±2.0, ±2.5, ±3.0, ±3.5, ±4.0, ±4.5, ±5.0, ±5.5, ±6.0, ±6.5, ±7.0, ±7.5, ±8.0, ±8.5, ±9.0, ±9.5, ±10.0, ±10.5, ±11.0, ±11.5, ±12.0, ±12.5, ±13.0, ±13.5, ±14.0, ±14.5, ±15.0, ±15.5, ±16.0, ±16.5, ±17.0, ±17.5, ±18.0, ±18.5, ±19.0, ±19.5, ±20.0, ±20.5, ±21.0, ±21.5, ±22.0, ±22.5, ±23.0, ±23.5, ±24.0, ±24.5, ±25.0, ±25.5, ±26.0, ±26.5, ±27.0, ±27.5, ±28.0, ±28.5, ±29.0, ±29.5, ±30.0, ±30.5, ±31.0, ±31.5, ±32.0, ±32.5, ±33.0, ±33.5, ±34.0, ±34.5, ±35.0, ±35.5, ±36.0, ±36.5, ±37.0, ±37.5, ±38.0, ±38.5, ±39.0, ±39.5, ±40.0, ±40.5, ±41.0, ±41.5, ±42.0, ±42.5, ±43.0, ±43.5, ±44.0, ±44.5, ±45.0, ±45.5, ±46.0, ±46.5, ±47.0, ±47.5, ±48.0, ±48.5, ±49.0, ±49.5, ±50.0, ±50.5, ±51.0, ±51.5, ±52.0, ±52.5, ±53.0, ±53.5, ±54.0, ±54.5, ±55.0, ±55.5, ±56.0, ±56.5, ±57.0, ±57.5, ±58.0, ±58.5, ±59.0, ±59.5, ±60.0, ±60.5, ±61.0, ±61.5, ±62.0, ±62.5, ±63.0, ±63.5, ±64.0, ±64.5, ±65.0, ±65.5, ±66.0, ±66.5, ±67.0, ±67.5, ±68.0, ±68.5, ±69.0, ±69.5, ±70.0, ±70.5, ±71.0, ±71.5, ±72.0, ±72.5, ±73.0, ±73.5, ±74.0, ±74.5, ±75.0, ±75.5, ±76.0, ±76.5, ±77.0, ±77.5, ±78.0, ±78.5, ±79.0, ±79.5, ±80.0, ±80.5, ±81.0, ±81.5, ±82.0, ±82.5, ±83.0, ±83.5, ±84.0, ±84.5, ±85.0, ±85.5, ±86.0, ±86.5, ±87.0, ±87.5, ±88.0, ±88.5, ±89.0, ±89.5, ±90.0, ±90.5, ±91.0, ±91.5, ±92.0, ±92.5, ±93.0, ±93.5, ±94.0, ±94.5, ±95.0, ±95.5, ±96.0, ±96.5, ±97.0
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