



SPECIFICATION

APPLICATION FOR APPROVAL

客户名称 CUSTOMER : 深圳美高创新科技股份有限公司
客户案号 CS P/N : WCBAC
零件名称 PART NAME : M05. 08. WCBAC001
耀登案号 DEVE NO. : AUK02828-WIFI1
零件料号 PART NAME : A73998-30
承认日期 DATE : May 8, 2026

客户确认:			
射频工程师	结构工程师	研发经理	产品经理
耀登电通科技(昆山)有限公司			
电气工程师	结构工程师	项目	核准
蒋璐瑶	袁璐阳	马瑞丽	王显文

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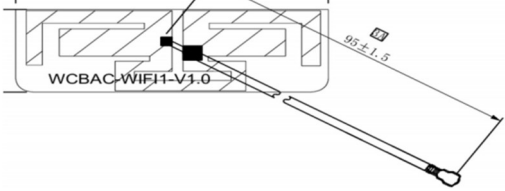
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天线基本参数 (The Basic Parameters)

项目 (Item)	特性 (Specifications)
天线结构组成	钢片+cable+泡棉
频率 (Frequency)	2.4GHz~7.1GHz
驻波比 (V. S. W. R)	≤ 3
增益 (Gain)	≤ 6
极化方式 (Polarization)	线极化
特性阻抗 (Impedance)	50 Ω
塑胶材质 (Plastic material)	无
接头形式 (joint type)	4 代端子+Cable
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	

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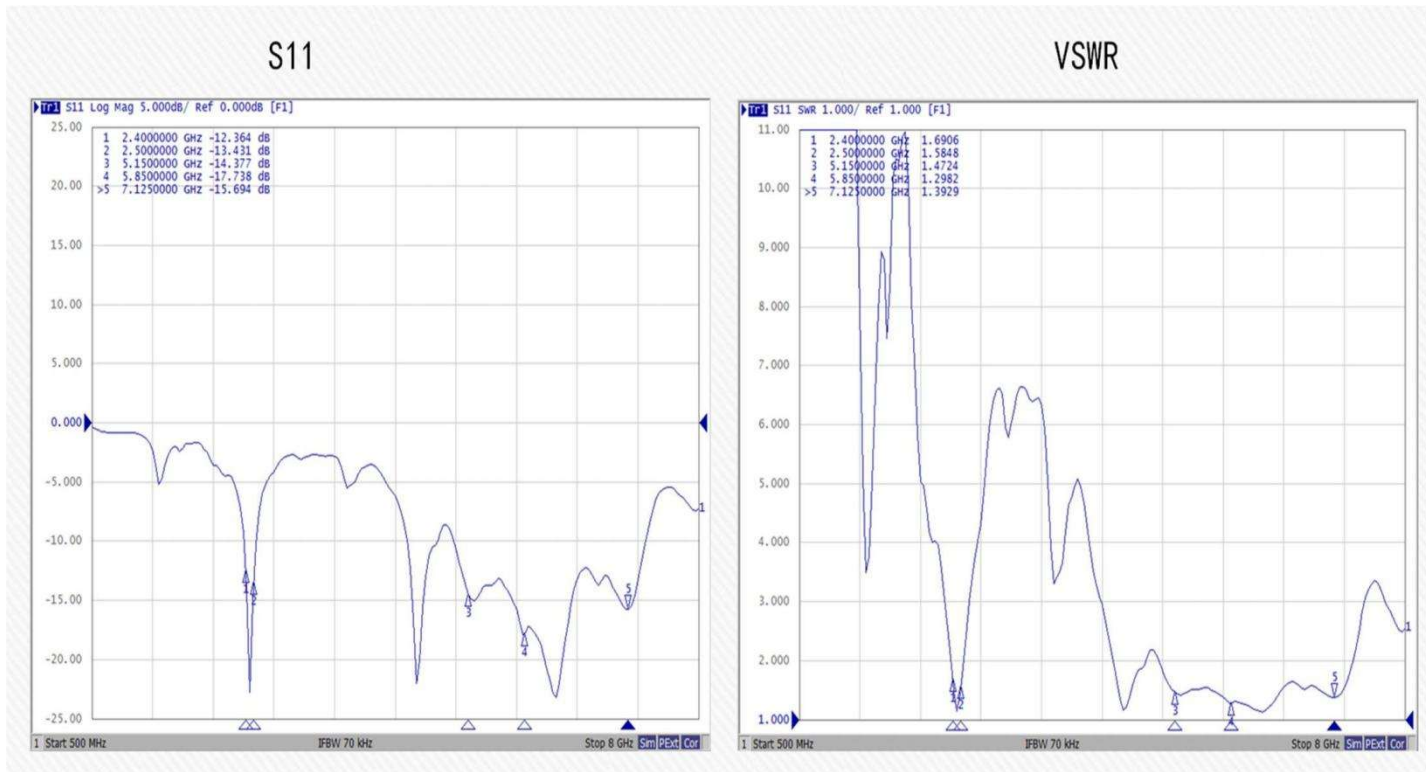
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电气测试报告 (RF Performance Test Report)

天线组装位置



VSWR



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WIFI1-无源测试数据

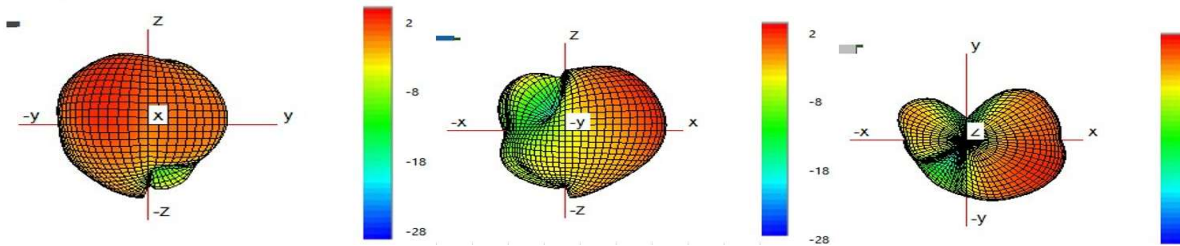
测试频率	Efficiency-DB	Efficiency-%	Gain(dBi)	测试频率	Efficiency-DB	Efficiency-%	Gain(dBi)
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2410	-3.33	46.5	1.33	5950	-2.83	52.14	2.76
2420	-3.41	45.6	1.22	6000	-3.11	48.92	1.9
2430	-3.55	44.18	1.1	6050	-2.71	53.55	2.39
2440	-3.49	44.82	1.2	6100	-2.63	54.55	2.43
2450	-3.34	46.33	1.46	6150	-2.74	53.19	2.2
2460	-3.22	47.69	1.46	6200	-2.82	52.2	2.37
2470	-3.17	48.14	1.4	6250	-3.22	47.67	1.64
2480	-3.16	48.26	1.6	6300	-3	50.1	1.52
2490	-3.04	49.63	1.48	6350	-3.04	49.61	1.57
2500	-3.19	47.98	1.31	6400	-3.3	46.77	1.49
5150	-3.13	48.62	2.86	6450	-3.25	47.35	1.53
5200	-3.07	49.31	3.13	6500	-3.26	47.19	1.54
5250	-3.64	43.27	2.69	6550	-3.12	48.71	1.34
5300	-3.73	42.32	2.65	6600	-3.25	47.3	1.2
5350	-3.45	45.14	2.76	6650	-3.1	48.94	1.09
5400	-3.46	45.11	2.81	6700	-3.4	45.74	0.97
5450	-3.4	45.75	2.75	6750	-3.43	45.39	1.38
5500	-3.5	44.68	2.52	6800	-3.72	42.48	1.37
5550	-3.63	43.31	2.53	6850	-4.02	39.65	0.95
5600	-3.77	41.93	2.07	6900	-4.24	37.69	0.88
5650	-3.98	40.02	2.08	6950	-4.19	38.07	1.24
5700	-3.72	42.45	2.13	7000	-3.82	41.49	1.53
5750	-3.76	42.08	2.18	7050	-3.95	40.23	1.23
5800	-3.42	45.53	2.52	7100	-4.18	38.24	1.33
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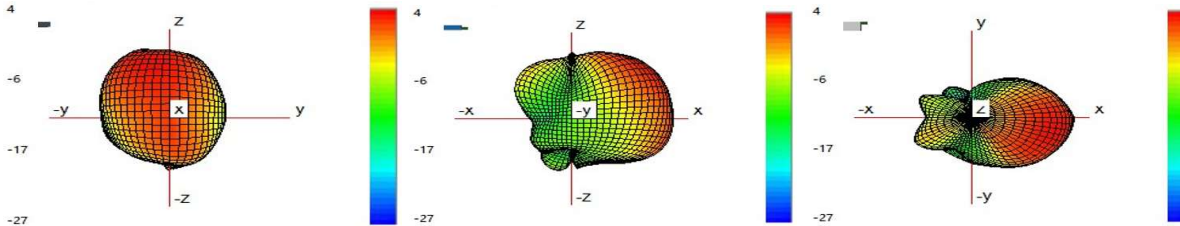
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No perfect status, Always seek for better !

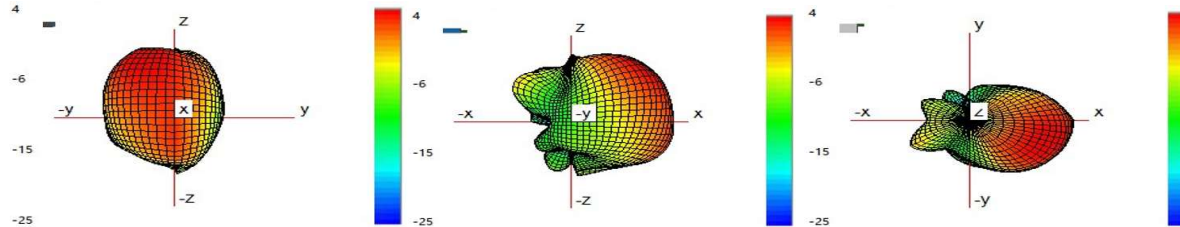
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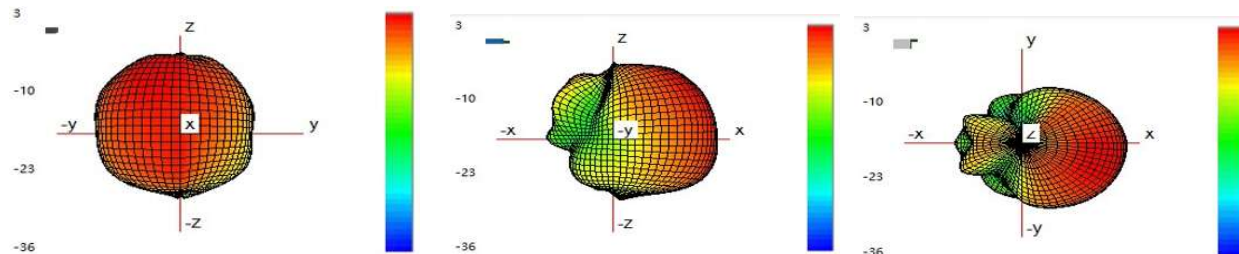
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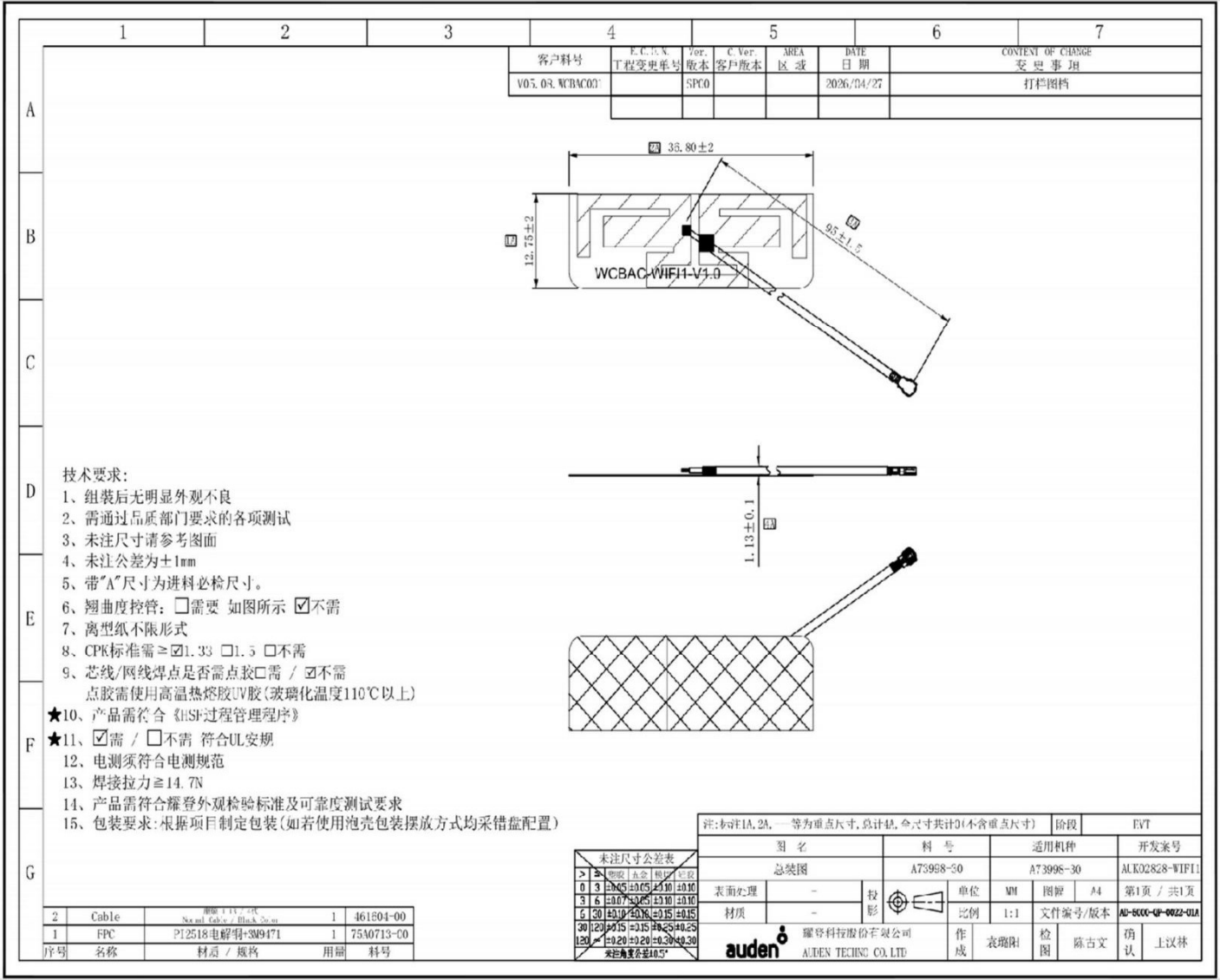
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工程图纸 (Product Drawing)



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