



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. WCBAC002
耀登案号 DEVE NO. : AUK02828-WIFI2
零件料号 PART NAME : A73999-30
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
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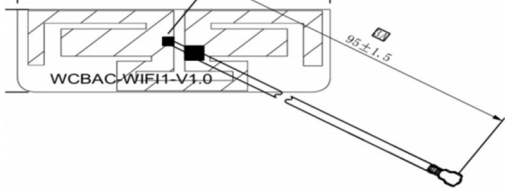
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天线基本参数 (The Basic Parameters)

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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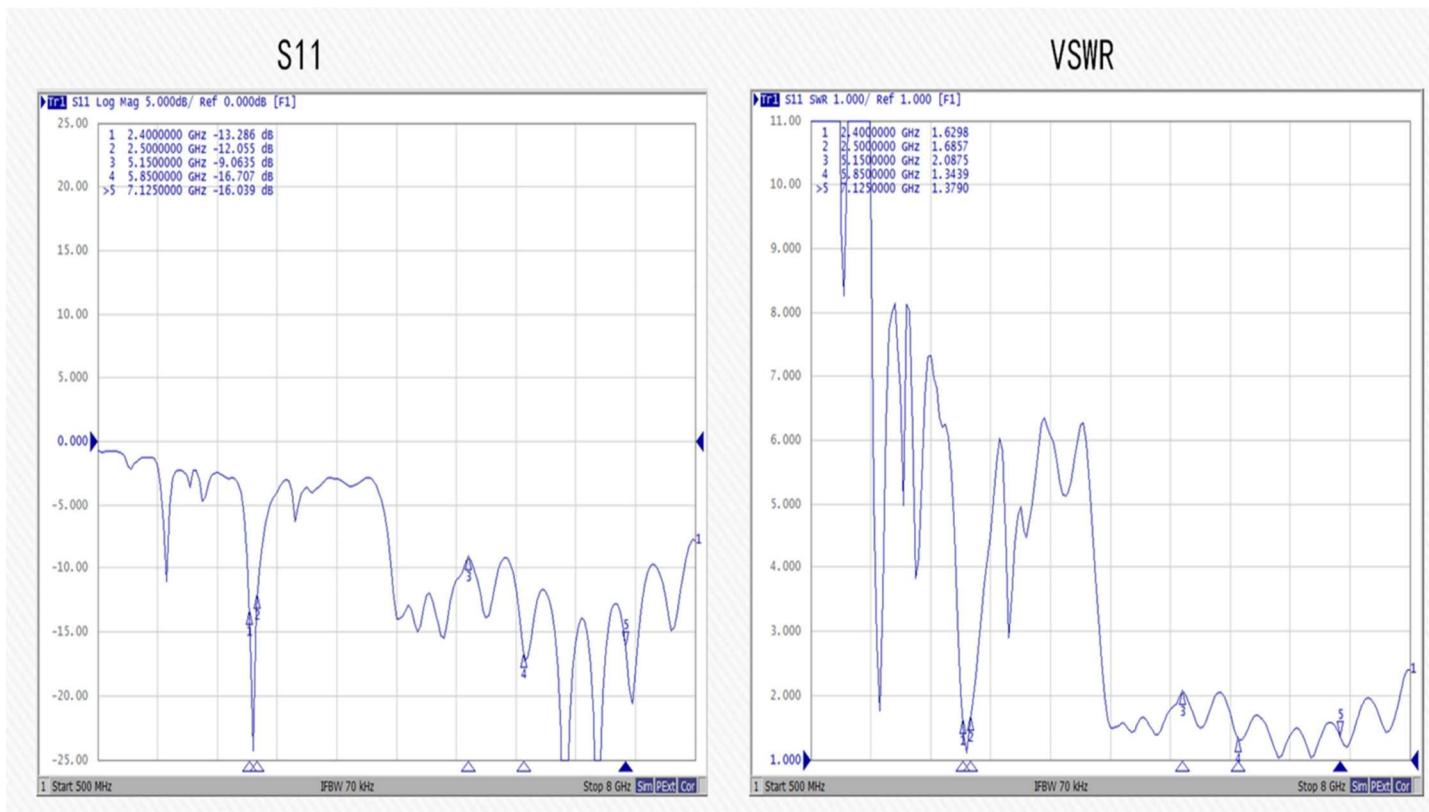
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电气测试报告 (RF Performance Test Report)

天线组装位置



VSWR



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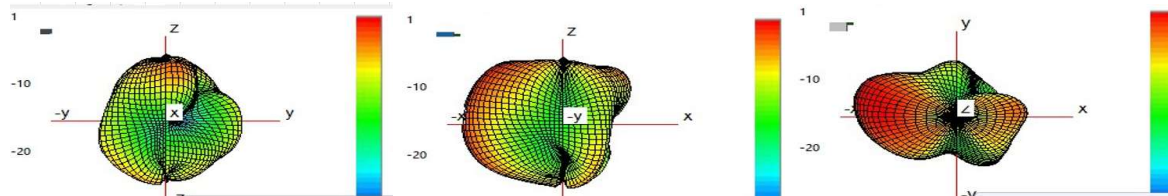
WIFI2-无源测试数据

测试频率	Efficiency-DB	Efficiency-%	Gain(dBi)	测试频率	Efficiency-DB	Efficiency-%	Gain(dBi)
2400	-4.47	35.75	0.97	5900	-3.37	46.07	3.02
2410	-4.32	36.94	1.32	5950	-3.06	49.46	2.93
2420	-4.25	37.55	1.52	6000	-3.58	43.85	2.74
2430	-4.25	37.58	1.61	6050	-3.25	47.32	3.02
2440	-4.16	38.33	1.82	6100	-3.21	47.74	2.67
2450	-4.1	38.91	1.97	6150	-3.45	45.16	2.7
2460	-4.12	38.76	1.95	6200	-3.4	45.68	2.82
2470	-4.16	38.41	1.88	6250	-3.77	41.93	2.75
2480	-4.2	38.01	1.75	6300	-3.44	45.33	3.42
2490	-4.36	36.66	1.54	6350	-3.29	46.91	3.59
2500	-4.51	35.41	1.27	6400	-3.43	45.43	3.87
5150	-4.15	38.48	2.31	6450	-3.46	45.06	3.78
5200	-4.18	38.22	1.98	6500	-3.52	44.44	3.95
5250	-3.81	41.57	2.36	6550	-3.52	44.48	4.51
5300	-3.89	40.85	2.46	6600	-3.68	42.88	4.15
5350	-3.58	43.88	3.01	6650	-3.56	44.06	4.16
5400	-3.48	44.89	3.17	6700	-3.84	41.35	3.61
5450	-3.39	45.83	3.29	6750	-3.62	43.42	3.84
5500	-3.43	45.4	2.74	6800	-3.58	43.85	3.76
5550	-3.61	43.59	2.8	6850	-4.11	38.79	2.89
5600	-3.68	42.81	2.28	6900	-4.2	38.05	3.11
5650	-3.9	40.74	2.07	6950	-4.39	36.37	2.61
5700	-3.65	43.15	2.06	7000	-4.39	36.35	2.97
5750	-3.69	42.72	2.07	7050	-4.54	35.14	2.73
5800	-3.35	46.25	2.7	7100	-4.65	34.29	3.02
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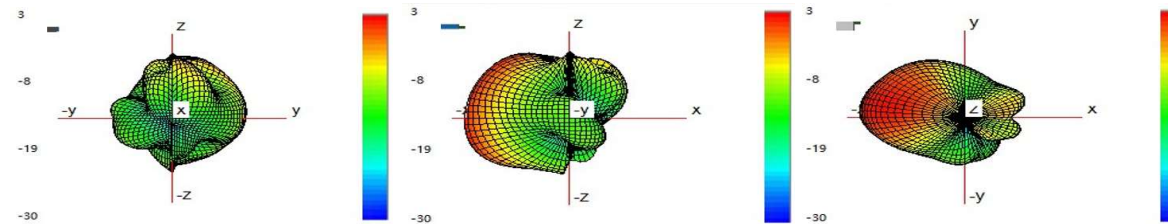
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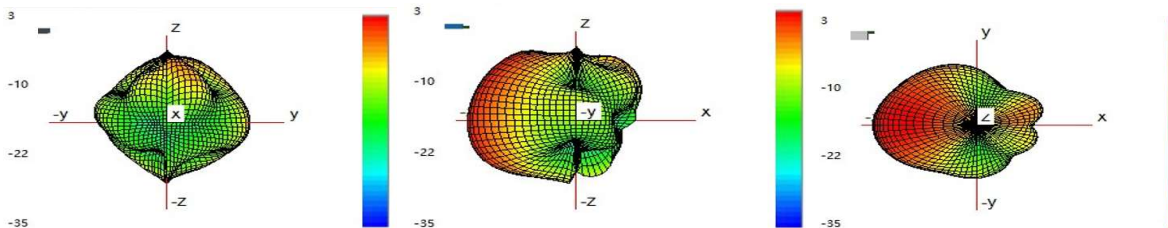
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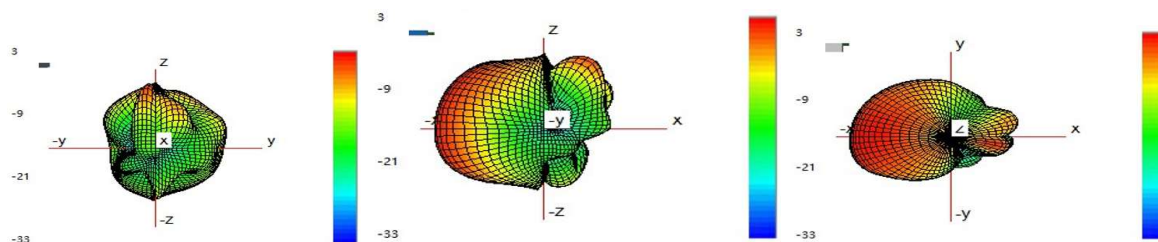
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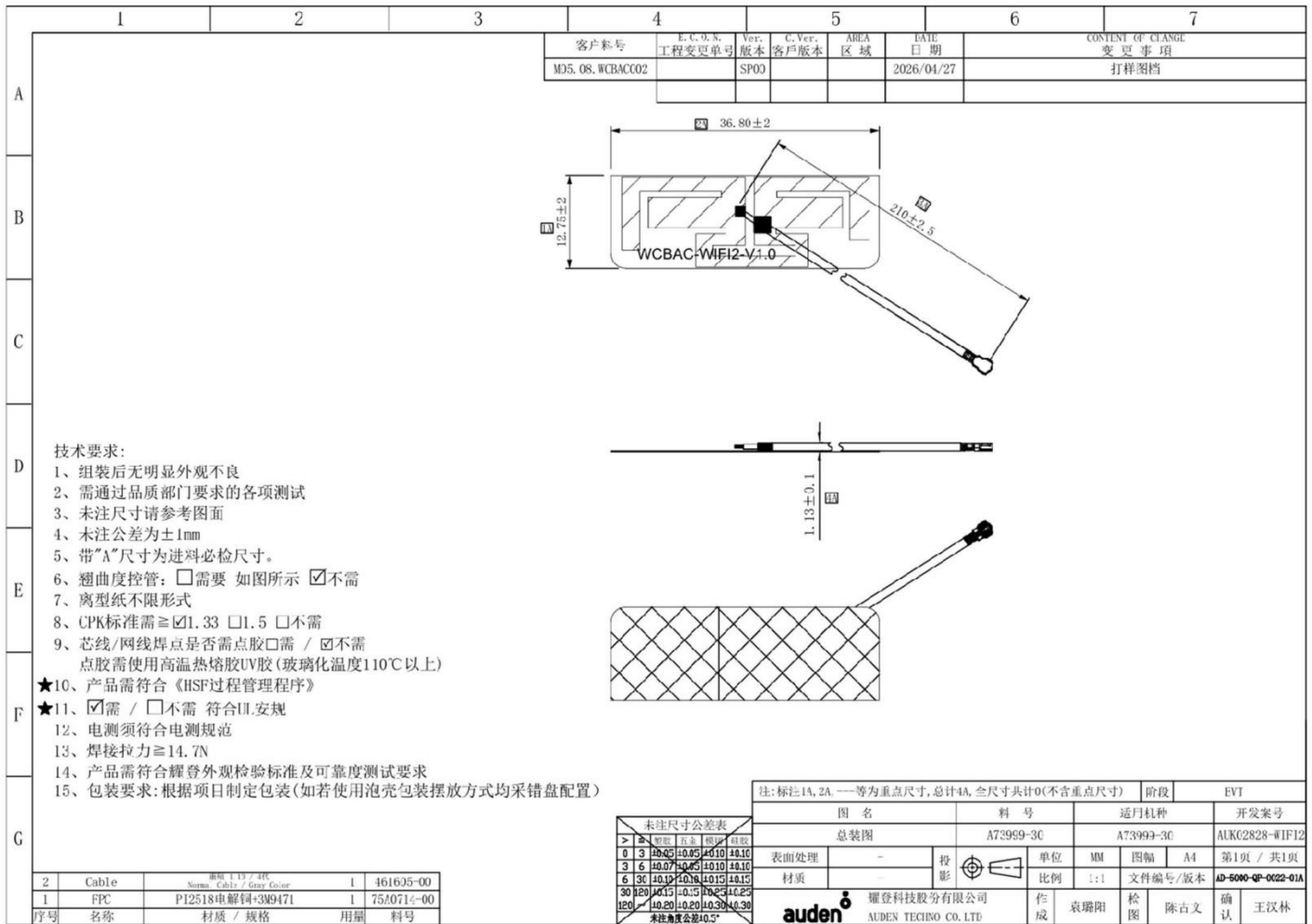
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工程图纸 (Product Drawing)



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