



SPECIFICATION

APPLICATION FOR APPROVAL

客户名称 CUSTOMER : 深圳市美高电子设备有限公司
客户案号 CS P/N : ARWSA
零件名称 PART NAME : A73715-30
耀登案号 DEVE NO. : AUK02722-副天线
零件料号 PART NAME :
承认日期 DATE : Jun. 09, 2025

客户确认:			
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电气工程师	结构工程师	项目	核准
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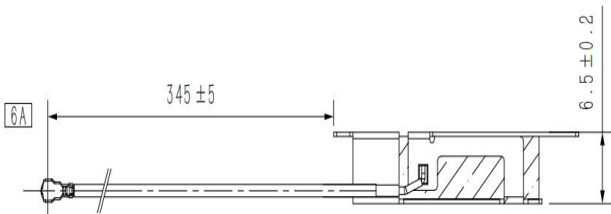
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天线基本参数 (The Basic Parameters)

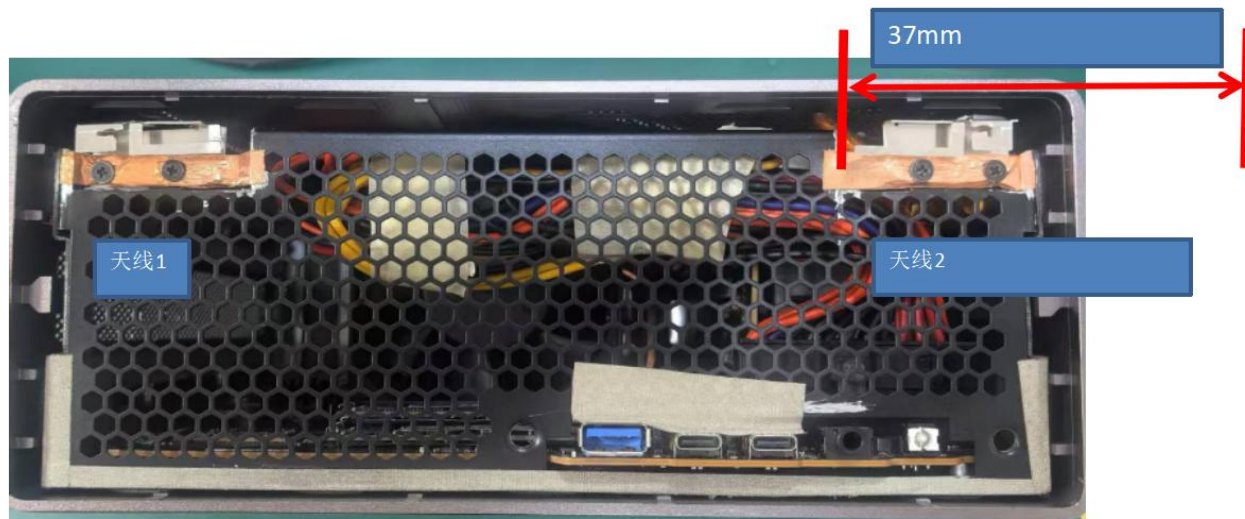
项目 (Item)	特性 (Specifications)
天线结构组成	钢片+cable+泡棉
频率 (Frequency)	2.4GHz~7.1GHz
驻波比 (V. S. W. R)	≤ 3
增益 (Gain)	≤ 6
极化方式 (Polarization)	线极化
特性阻抗 (Impedance)	50 Ω
塑胶材质 (Plastic material)	无
接头形式 (joint type)	4 代端子+Cable
工作温度 (Operation temperature)	-40°C to 85°C
储存温度 (Storage temperature)	-40°C to 85°C
湿度 (humidity)	Non-condensing 65°C 95% RH
天线图片	

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电气测试报告 (RF Performance Test Report)

天线组装位置

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WIFI2-无源测试数据

测试频率	Efficiency-DB	Efficiency-%	Gain(dBi)
2400	-4.81	33.01	1.34
2410	-4.6	34.67	1.65
2420	-4.41	36.26	1.95
2430	-4.36	36.65	2.02
2440	-4.4	36.3	1.93
2450	-4.46	35.83	1.81
2460	-4.42	36.11	1.99
2470	-4.49	35.58	2.1
2480	-4.73	33.67	1.9
2490	-4.79	33.17	1.67
2500	-4.74	33.59	1.49

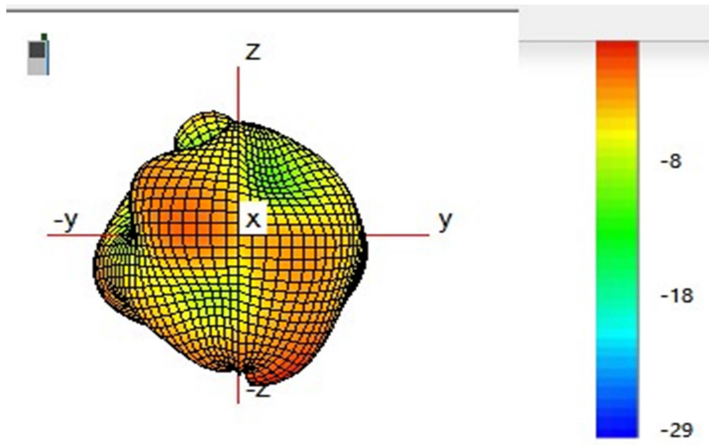
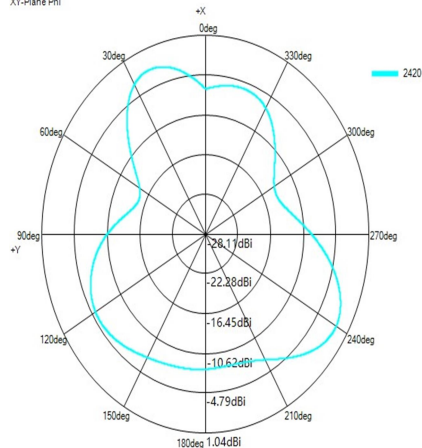
测试频率	Efficiency-DB	Efficiency-%	Gain(dBi)	测试频率	Efficiency-DB	Efficiency-%	Gain(dBi)
5150	-4.7	33.89	1.48	6175	-5.97	25.27	0.76
5200	-4.48	35.67	0.58	6225	-6.67	21.51	-0.06
5250	-5.2	30.19	2.46	6275	-6.55	22.11	0.57
5300	-5.6	27.53	1.98	6325	-6.29	23.51	0.72
5350	-4.85	32.73	3.14	6375	-6.73	21.21	0.5
5400	-4.6	34.64	3.67	6425	-7.37	18.33	-0.17
5450	-4.71	33.8	4	6475	-8.02	15.78	-1.03
5500	-5.41	28.77	2.89	6525	-7.39	18.26	-0.82
5550	-5.14	30.64	2.71	6575	-6.57	22.03	0.79
5600	-4.54	35.13	2.54	6625	-6.4	22.93	1.65
5650	-4.89	32.4	1.91	6675	-7.35	18.43	1.01
5700	-5.09	31	1.85	6725	-8	15.84	0.02
5750	-5.12	30.78	2.05	6775	-7.93	16.11	0.24
5800	-5.33	29.33	1.99	6825	-7.14	19.33	1
5850	-5.26	29.78	2.6	6875	-7.47	17.91	1.23
5925	-5.32	29.38	1.74	6925	-8.11	15.44	0.21
5975	-5.41	28.76	1.84	6975	-8.2	15.12	-0.49
6025	-5.77	26.5	0.94	7025	-7.31	18.58	0.55
6075	-5.67	27.07	0.92	7075	-7.11	19.44	0.73
6125	-6.02	24.98	0.89	7125	-7.09	19.54	1.26

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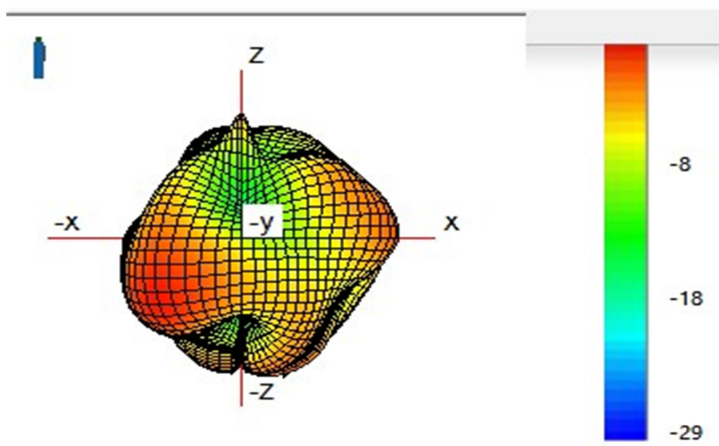
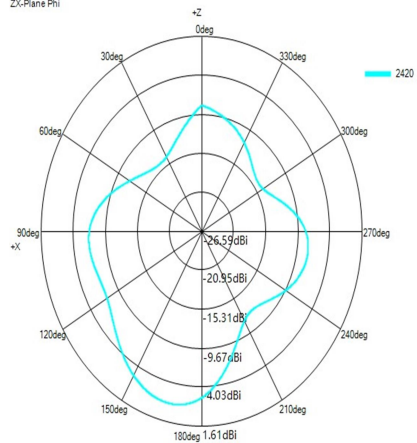
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2D/3D 图 WIFI2-2470M

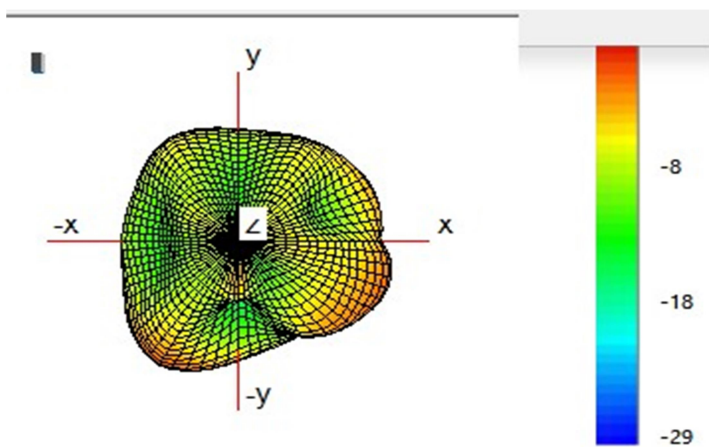
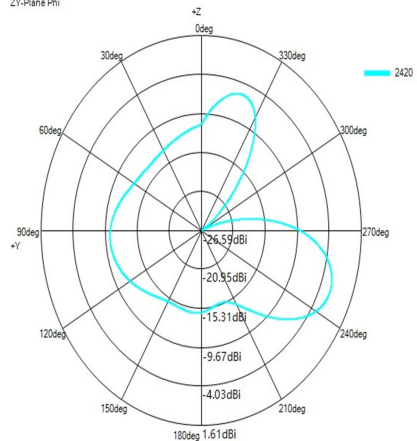
XY-Plane Phi



ZX-Plane Phi



ZY-Plane Phi

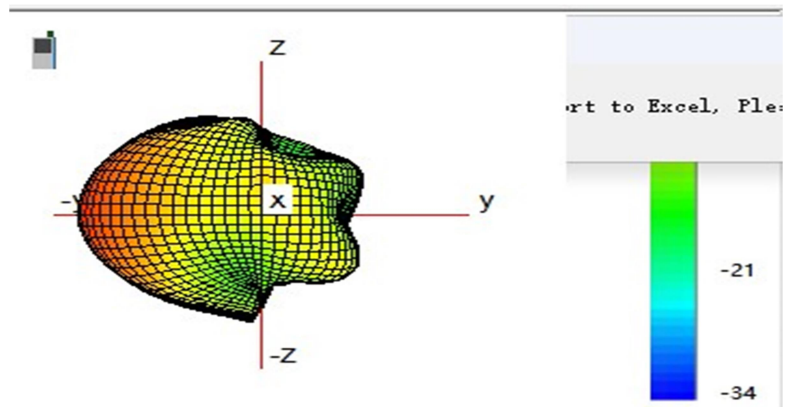
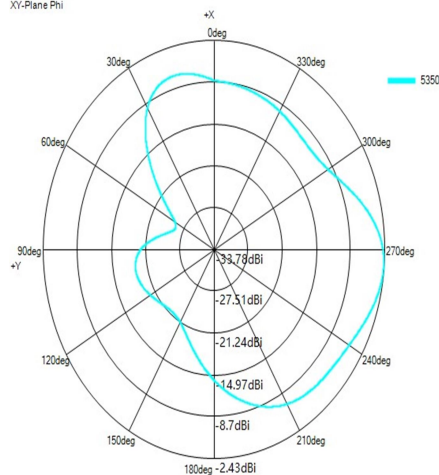

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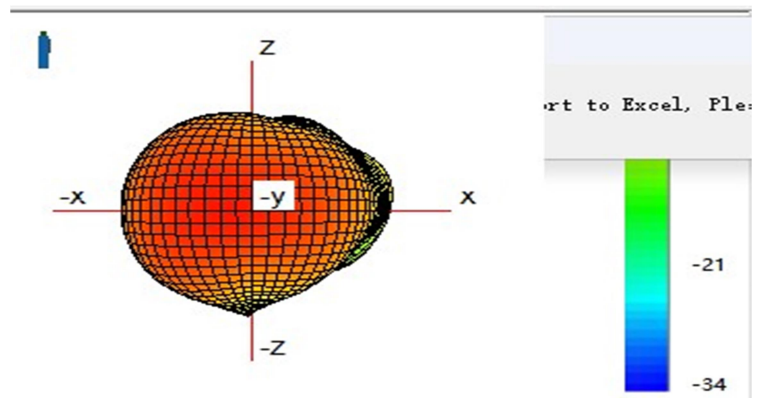
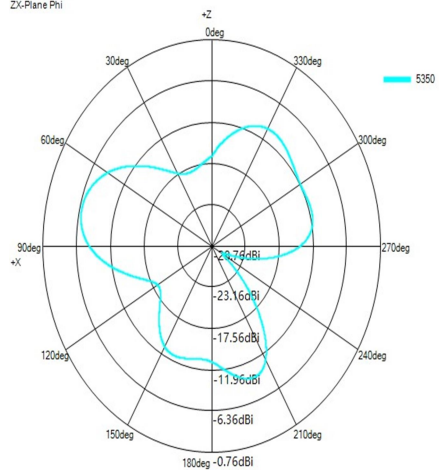
No perfect status, Always seek for better !

2D/3D 图 WIFI2-5350M

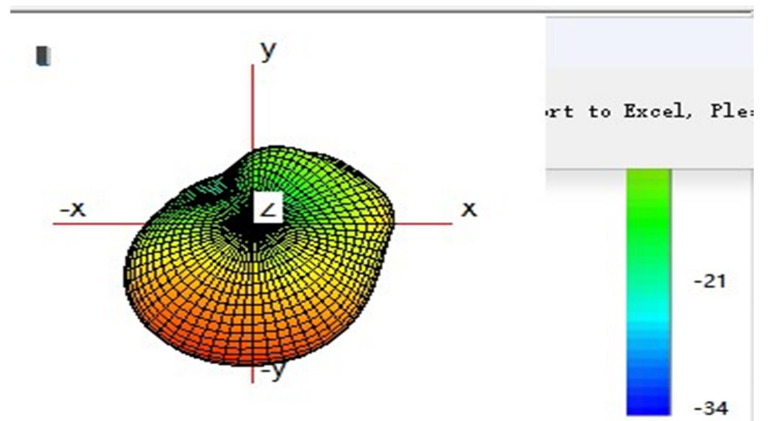
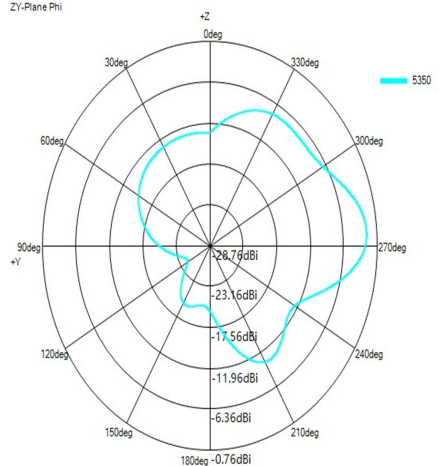
XY-Plane Phi



ZX-Plane Phi



ZY-Plane Phi



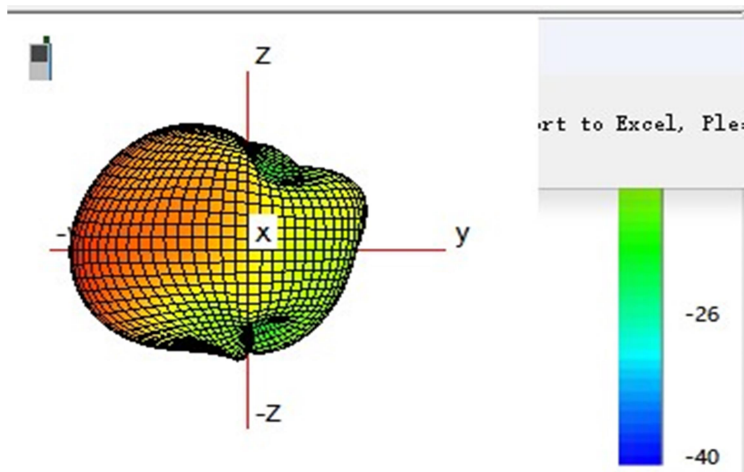
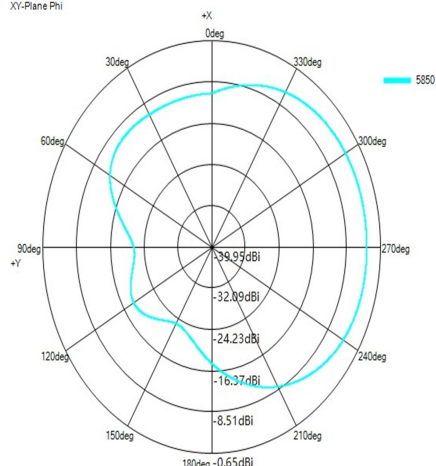
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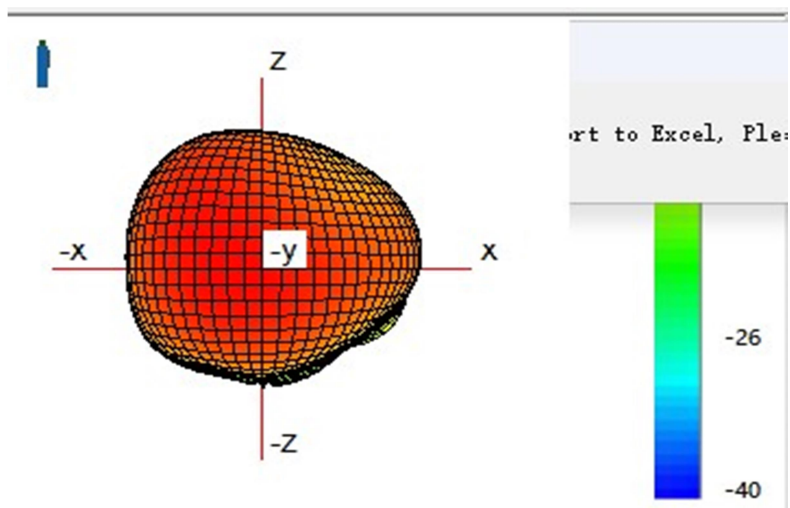
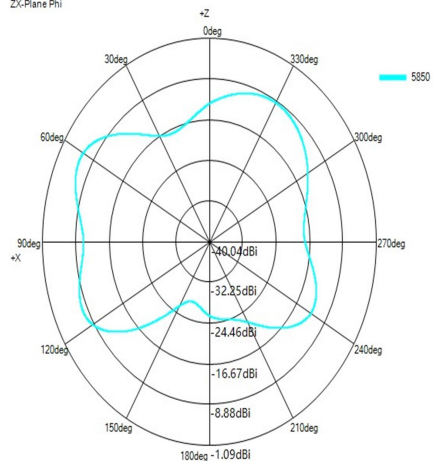
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2D/3D 图 WIFI2-5850M

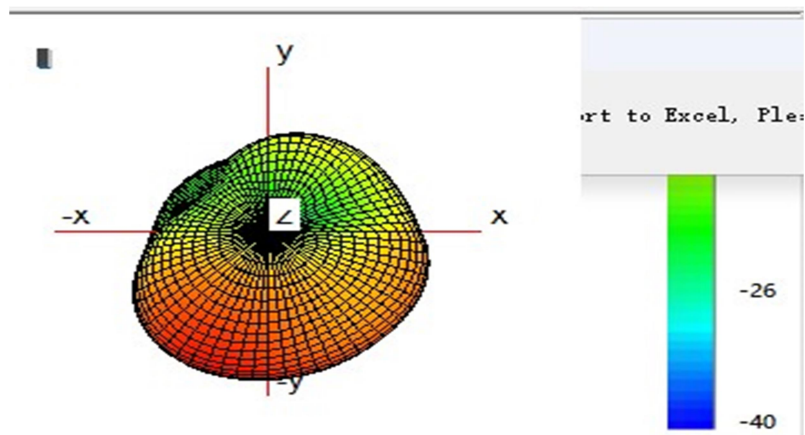
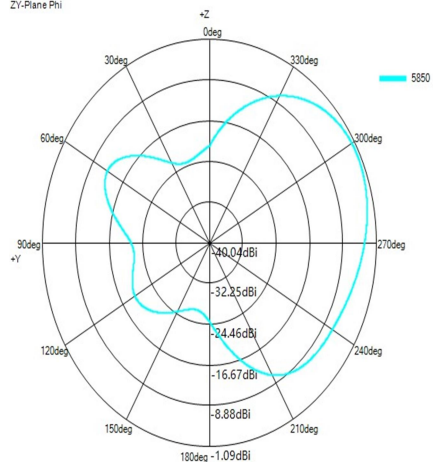
XY-Plane Phi



ZX-Plane Phi



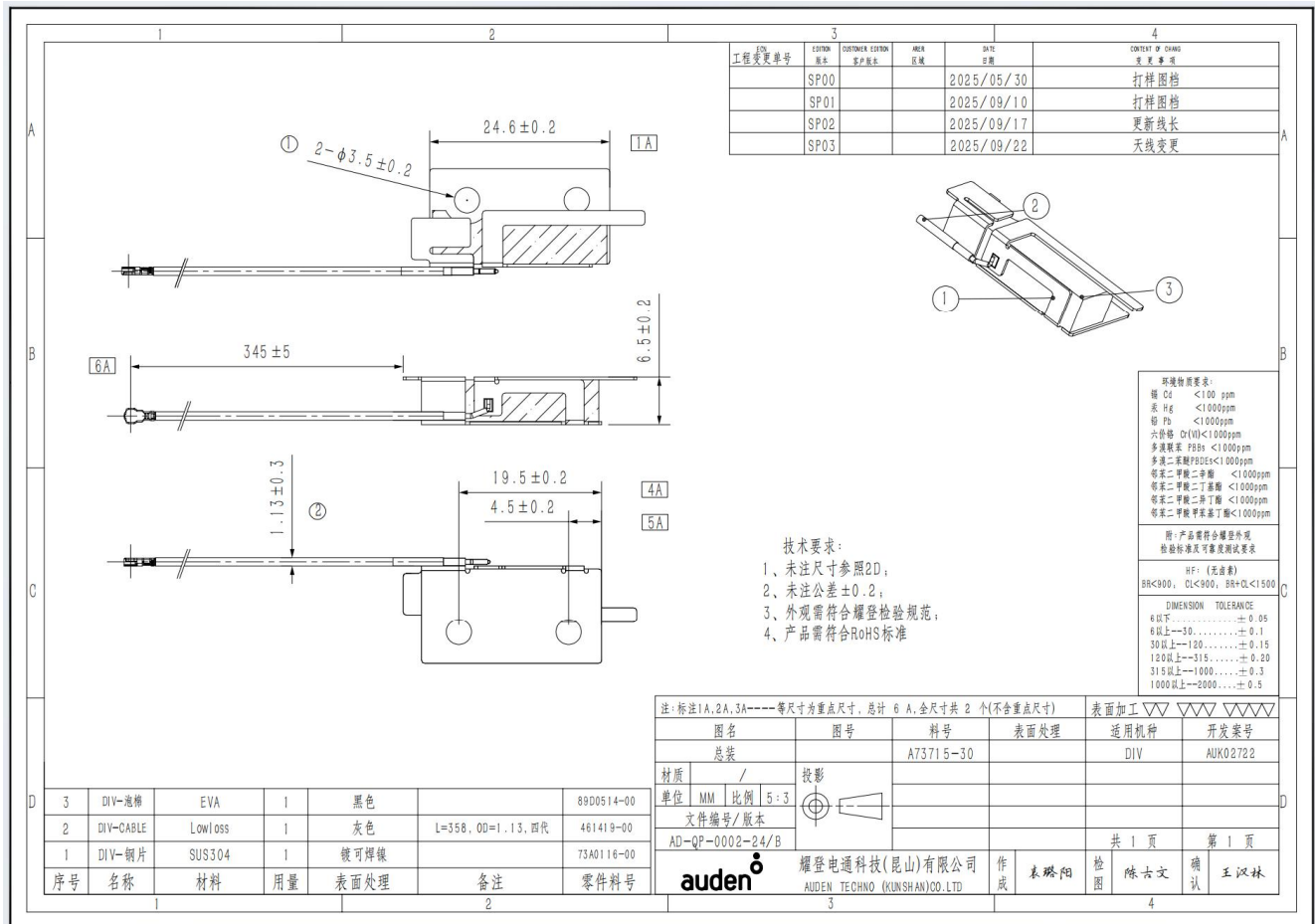
ZY-Plane Phi



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工程图纸 (Product Drawing)



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