




深圳星源创科技有限公司

Shen Zhen Xing Yuan Chuang Technology Co., Ltd

规格承认书 Approval Sheet

客户名称 Customer	TOPDON TECHNOLOGY Co., Ltd.	日期 Data	2022/11/16
产品名称 Product	BT Antenna	客户机型 Models	AD200
料号 P/N	F903A-12LB-090	客户料号 Customer P/N	827-1000-00007
规格描述 Specifications	Black FPC; RF0.81 Second generation terminal black coaxis; L=90mm		

供应商承认签印 Vender Approved By	客户承认签印 Customer Approved By
	
Checked By:	Checked By:
Approval By:	Approval By:

文件修订履历表

版本 Version	修订内容 Revise The Content	修订人 Revused	核准 Approval	修订日期 Date	备注 Note

地址：深圳市宝安区福永镇福海街道塘尾股份商务大厦1506

Address: 1506, Tangwei Business Building, Fuhai Street, Fuyong Town, Baoan District, Shenzhen

Tel: 0755-82103639 QQ: 487580356 Email: Stephdeng_Vis@126.com



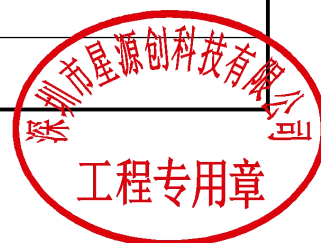
Specification

1.1 Electrical Properties

Characteristics	Specifications
Working Band	2.4G BT
Antenna From	FPC antenna
Impedance	50 Ω
Polarization	Linear
Peak Effi	42%@2.4G
Peak Gain	0.06dBi@2.4G

1.2 Physical Properties

Characteristics	Specifications
Operating Temp	-10°C~+60°C
Storage Temp	-10°C~+70°C
Humidity	10~95%RH

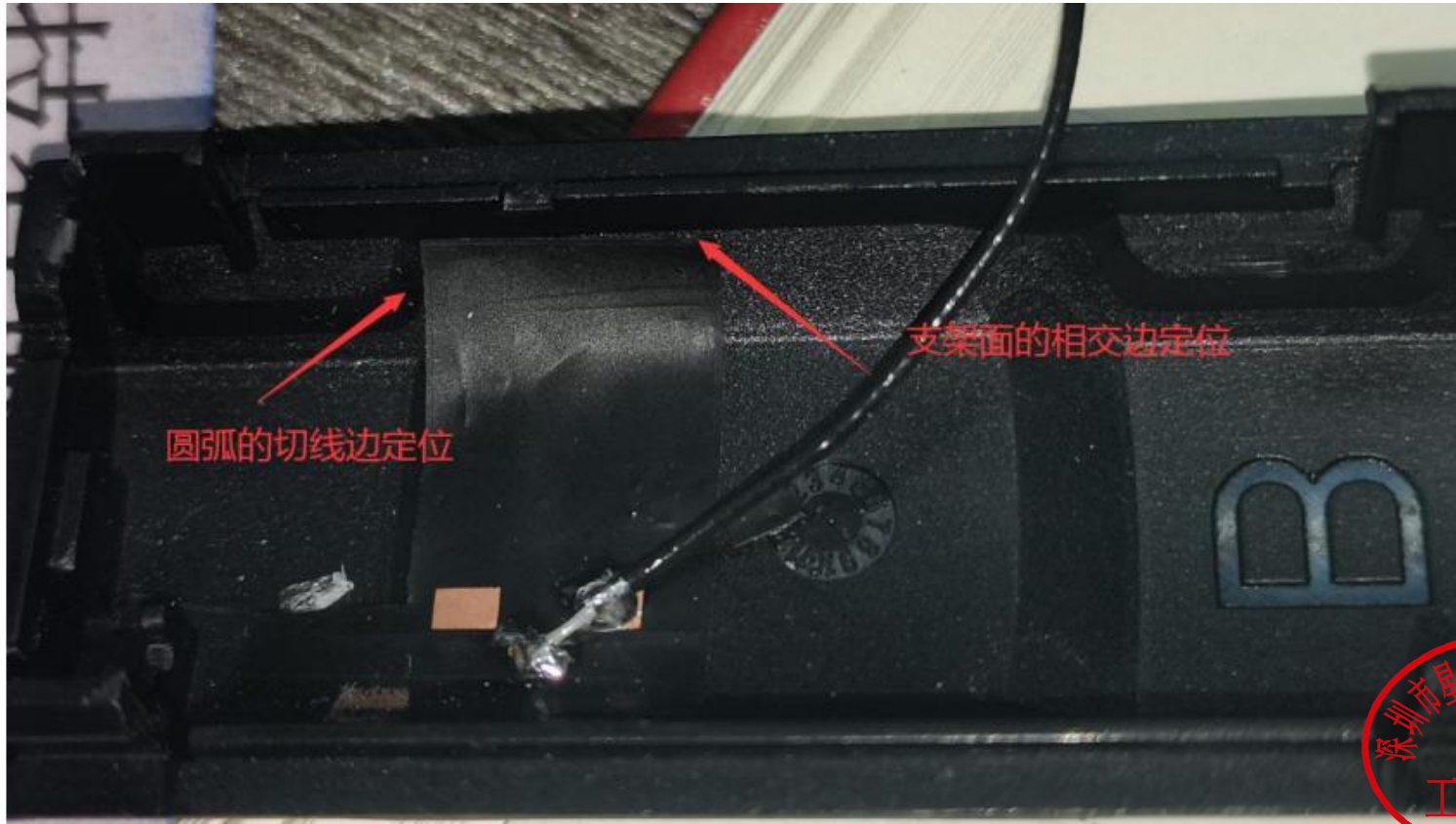




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Antenna Placement



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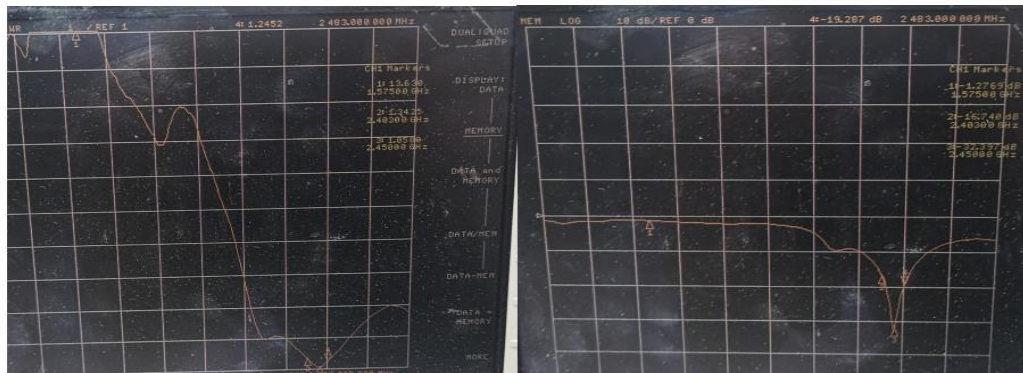
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Test Data

S11 Parameter-VSWR

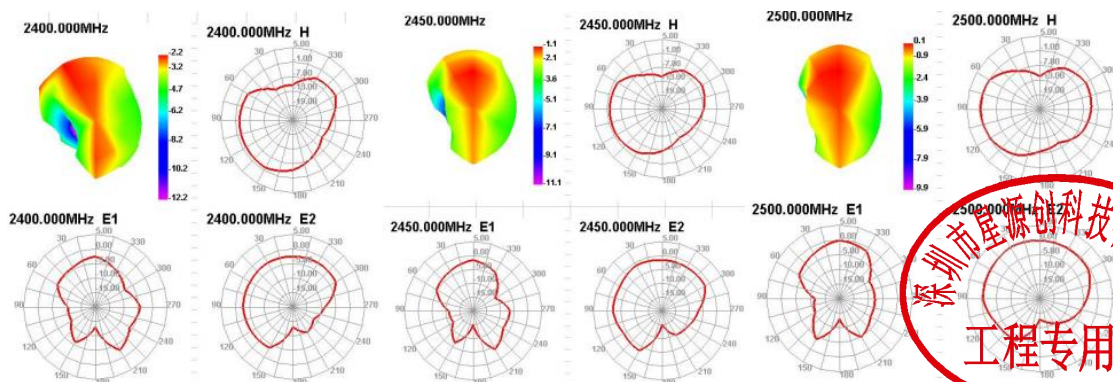


Frequency (MHZ)	2400	2450	2483	5150	5500	5850
VSWR	1.34	1.05	1.24			
Return Loss (DB)	-16.7	-32.2	-19.2			

Efficiency Table

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	UHS (%)	DHIS (%)
2400	30.95	-5.09	-2.16	-4.31	18.053	12.895
2410	31.29	-5.05	-1.97	-4.12	18.669	12.621
2420	31.26	-5.05	-1.77	-3.92	19.089	12.166
2430	30.39	-5.17	-1.67	-3.82	18.789	11.596
2440	30.32	-5.18	-1.52	-3.67	18.834	11.485
2450	32.26	-4.91	-1.13	-3.28	20.067	12.19
2460	36.25	-4.41	-0.62	-2.77	22.488	13.766
2470	37.98	-4.2	-0.41	-2.56	23.601	14.381
2480	40.13	-3.97	-0.24	-2.39	25.253	14.878
2490	41.91	-3.78	-0.04	-2.19	26.87	15.042
2500	42.42	-3.72	0.06	-2.09	27.82	14.597

Radiation Pattern



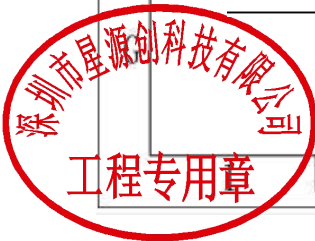
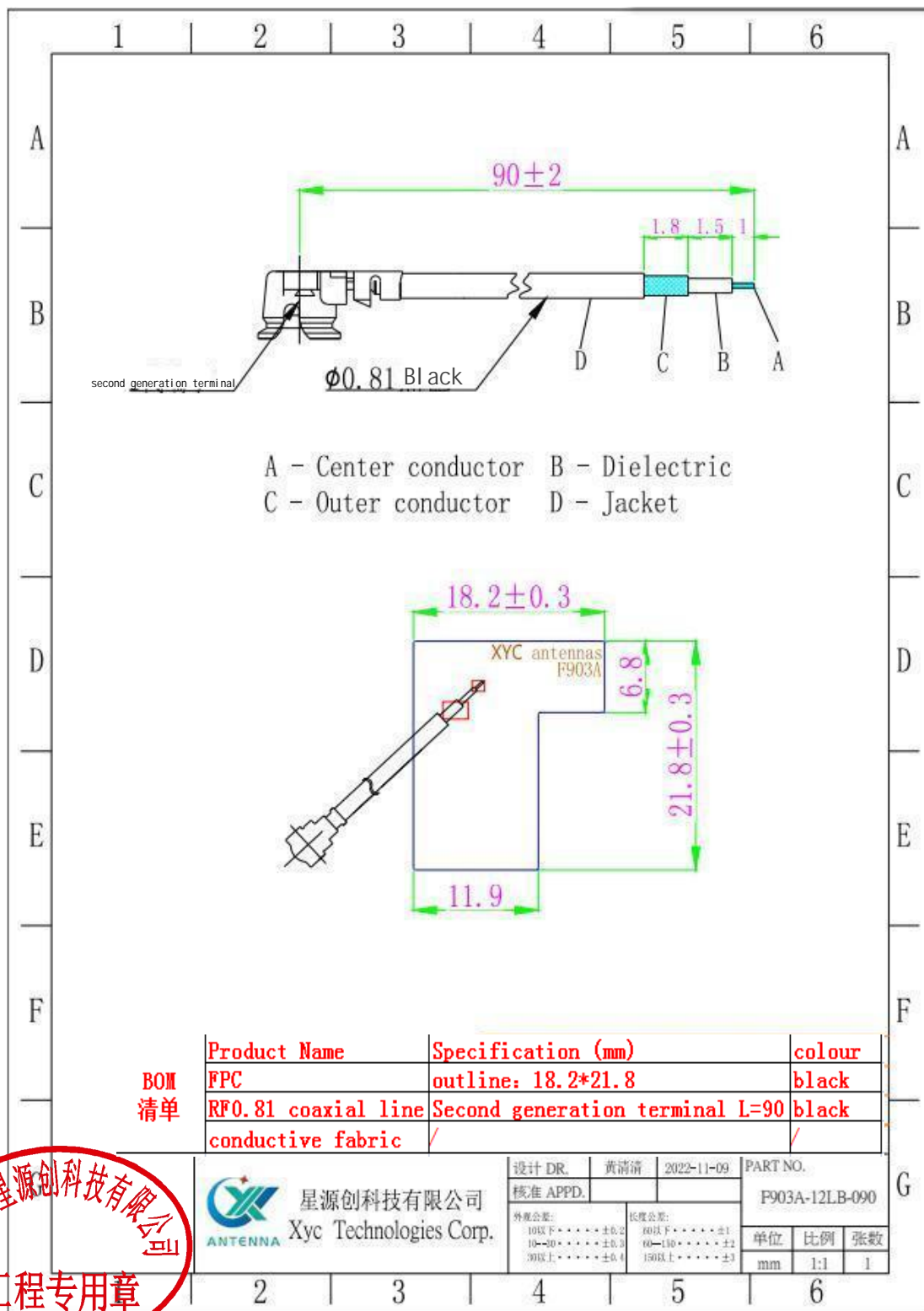
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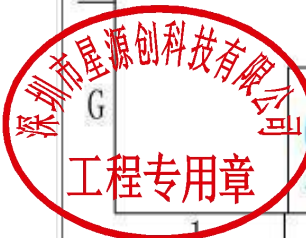
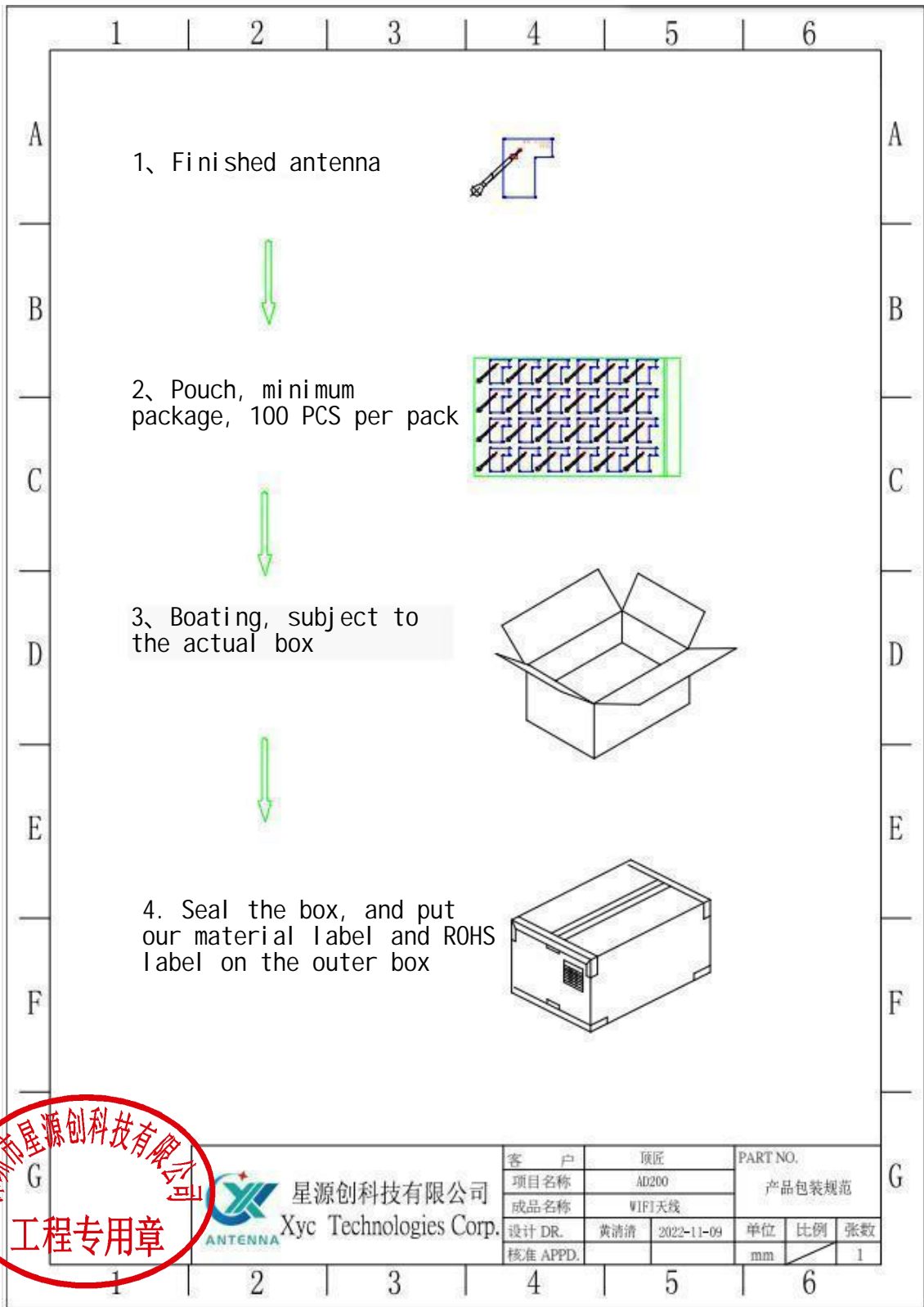
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Antenna Assembly



Packing Specification



星源创科技有限公司
Xyc Technologies Corp.

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