



深圳市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		日期 Data	2026/01/08
产品名称 Product	WIFI/BT天线	客户机型 Models	
天线型号 antenna model	F015K-21LB-200	客户料号 Customer P/N	
规格描述 Specifications	黑色FPC；MI-113一代端子黑色同轴线，长度L=200mm		

供应商承认签印 Vender Approved By	客户承认签印 Customer Approved By
	
Checked By:	Checked By:
Audit By:	Audit 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：深圳市宝安区沙井街道马安山社区马安山锦胜财富广场C栋610-614

Address: Room 610-614, Building C, Ma'an Shan Jinsheng Fortune Plaza, Ma'an Shan Community, Shajing Sub-district, Bao'an District, Shenzhen City Tel: 0755-82103639 QQ: 487580356 Email: Stephdeng_Vis@126.com



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Content

NO.	Proect	Page NO.
1	Specification	4
3	Antenna Physical Picture	5
4	Test Data	6
5	Antenna Assembly	7

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Specification

1.1 Electrical Properties

Characteristics	Specifications
Working Band	2.4GWiFi/BT
Antenna From	PIFA
Impedance	50 Ω
Polarization	Linear
Peak Effi	41%@2.4G
Peak Gain	2.89dBi@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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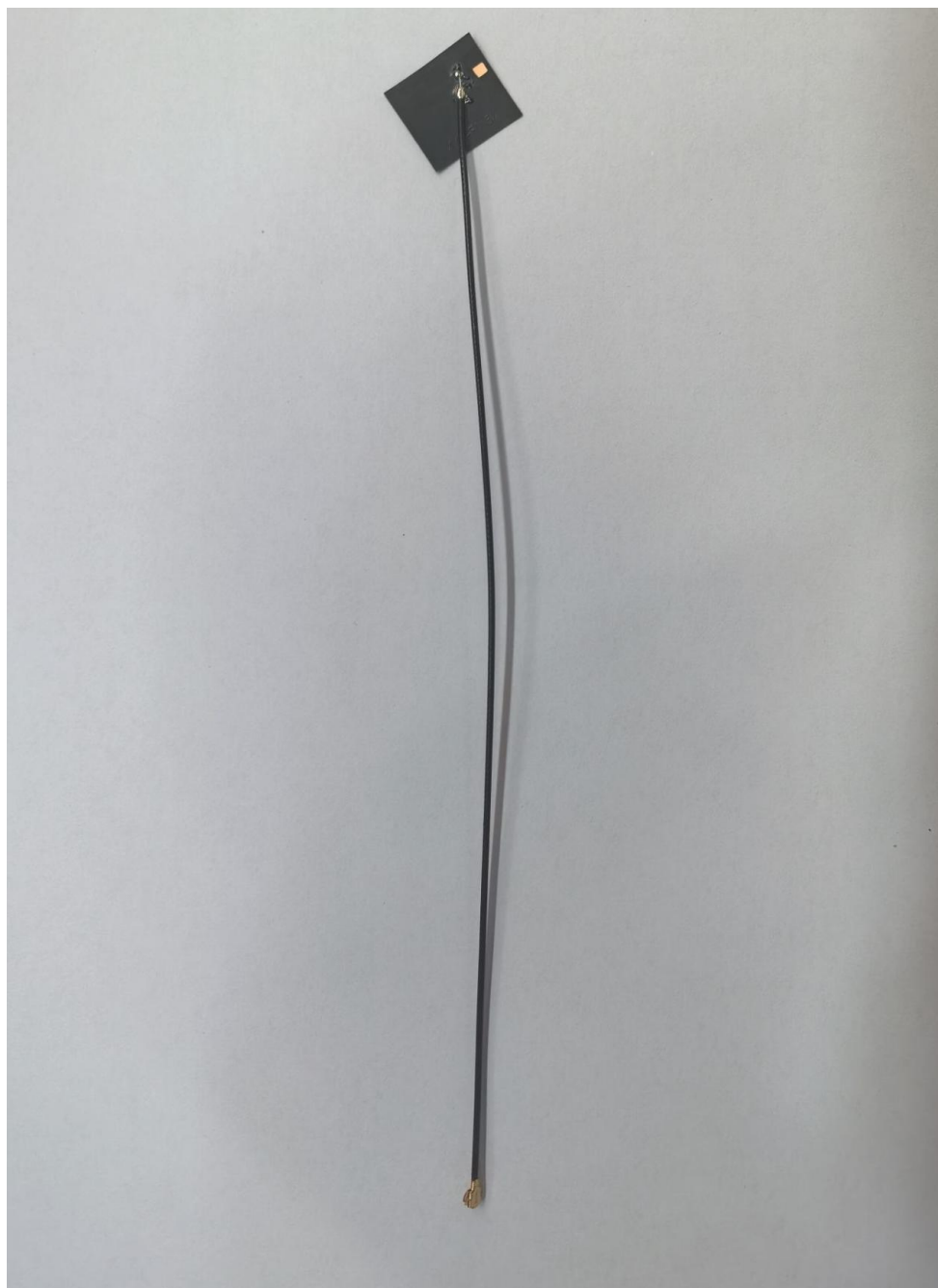
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Antenna Physical Picture

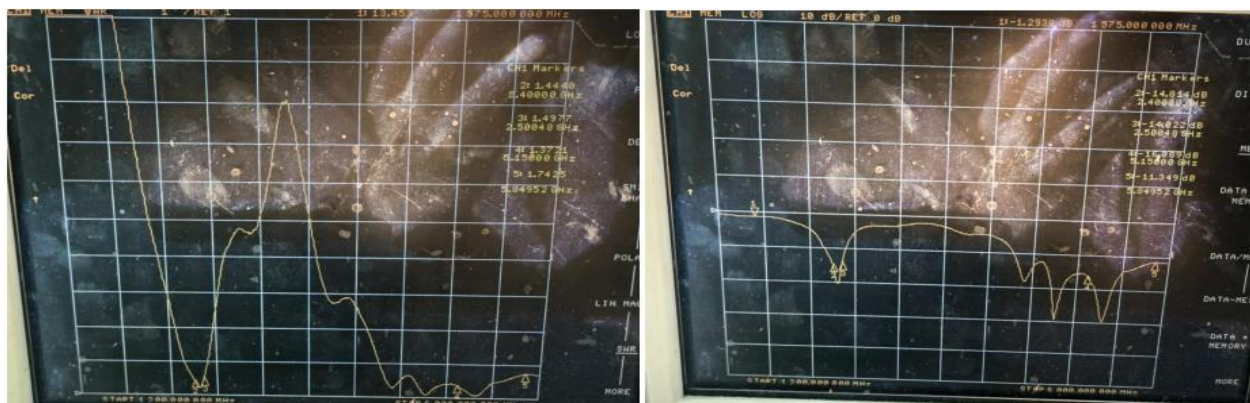


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Test Data

S11 Parameter-VSWR

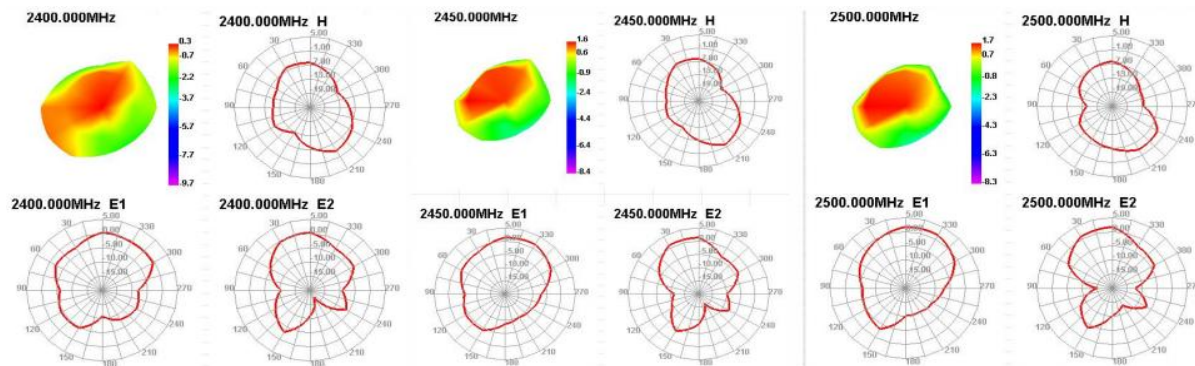


Frequency (MHZ)	2400	2500
VSWR	1.44	1.49
Return Loss (DB)	-14.81	-14.02

Efficiency Table

Passive Test For WIFI2.4								
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dB)	UHS (%)	DHIS (%)	Max (dB)	Min (dB)
2400	36.66	-4.36	2.8	2.8	24.399	12.263	0.95	-17.28
2410	36.49	-4.38	2.78	2.78	24.181	12.313	1.32	-16.55
2420	37.71	-4.24	2.82	2.82	25.013	12.698	1.54	-15.58
2430	36.43	-4.39	2.77	2.77	24.237	12.193	1.69	-15.28
2440	37.16	-4.3	2.81	2.81	24.986	12.171	1.93	-15.34
2450	39.18	-4.07	2.85	2.85	26.911	12.268	2.02	-15.79
2460	40.04	-3.98	2.87	2.87	28.031	12.006	2.16	-16.35
2470	38.56	-4.14	2.83	2.83	27.202	11.361	2.54	-16.41
2480	39.84	-4	2.86	2.86	27.947	11.889	2.79	-15.4
2490	41.71	-3.8	2.89	2.89	28.95	12.76	2.89	-14.64
2500	39	-4.09	2.84	2.84	26.931	12.074	2.13	-15

Radiation Pattern



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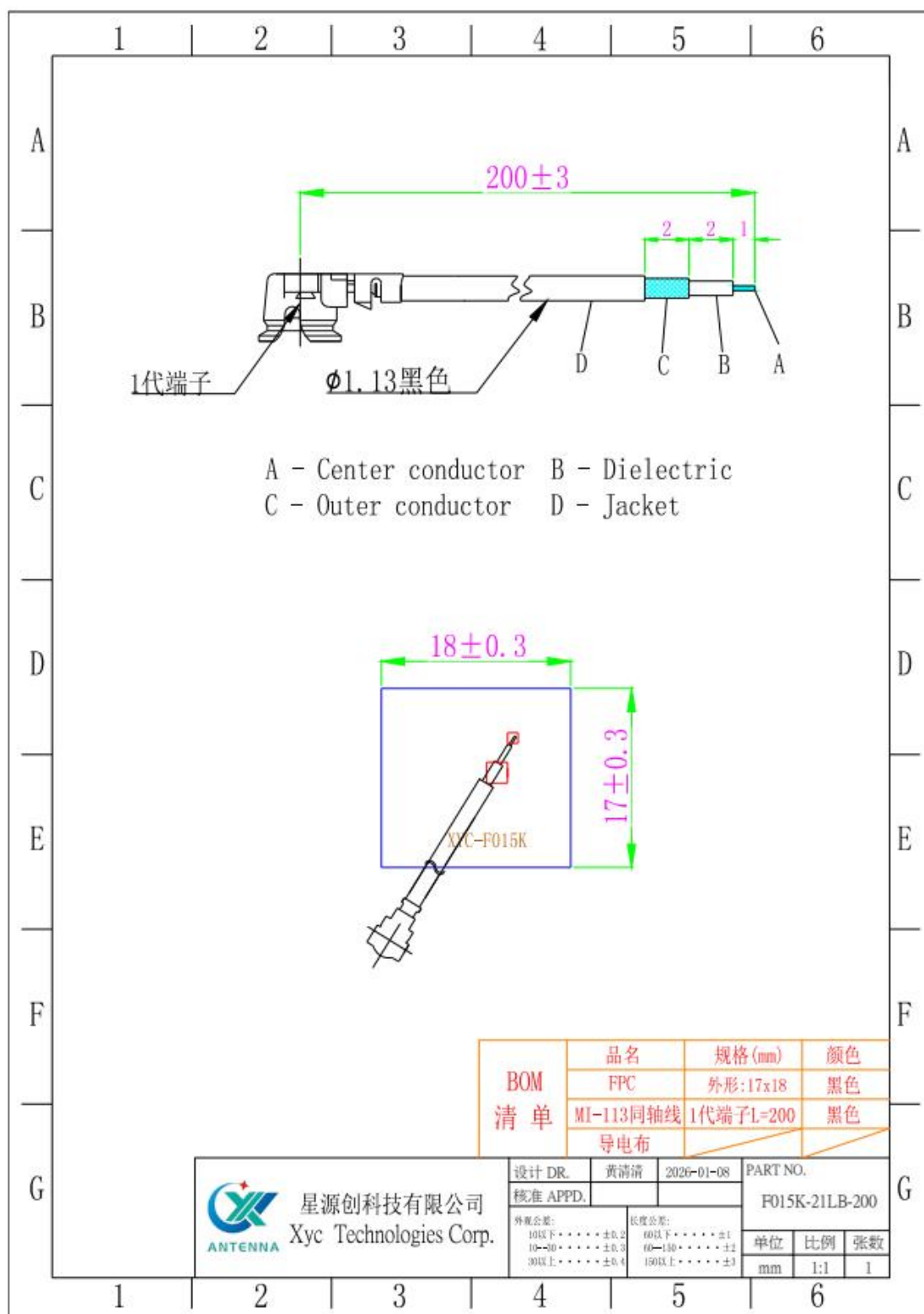
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