



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	2023/11/28
产品名称 Product	NFC Antenna	客户机型 Models	TN005
料号 P/N	NFC046A	客户料号 Customer P/N	
规格描述 Specifications	Black FPC; Gold finger gold plated with ferrite		

Document revision Resume

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

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Specification

1.1 Electrical Properties

Characteristics	Specifications
Working Band	NFC
Working Spectrum	13.56MHz
Working Frequency	13.56MHz

Antenna gain: 0dbi

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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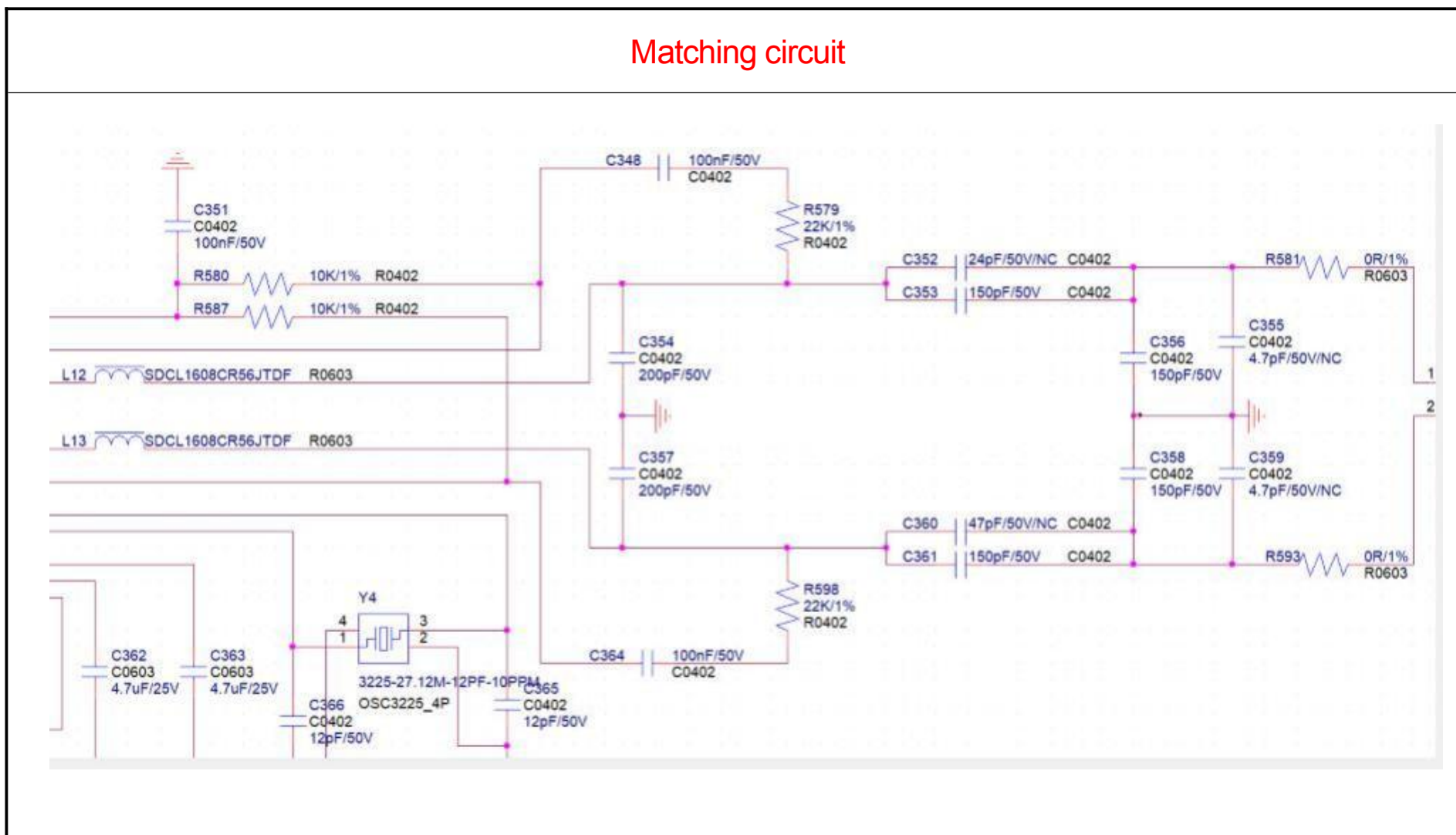
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ANTENNA Shen Zhen Xing Yuan Chuang Technology Co., Ltd

Matching circuit



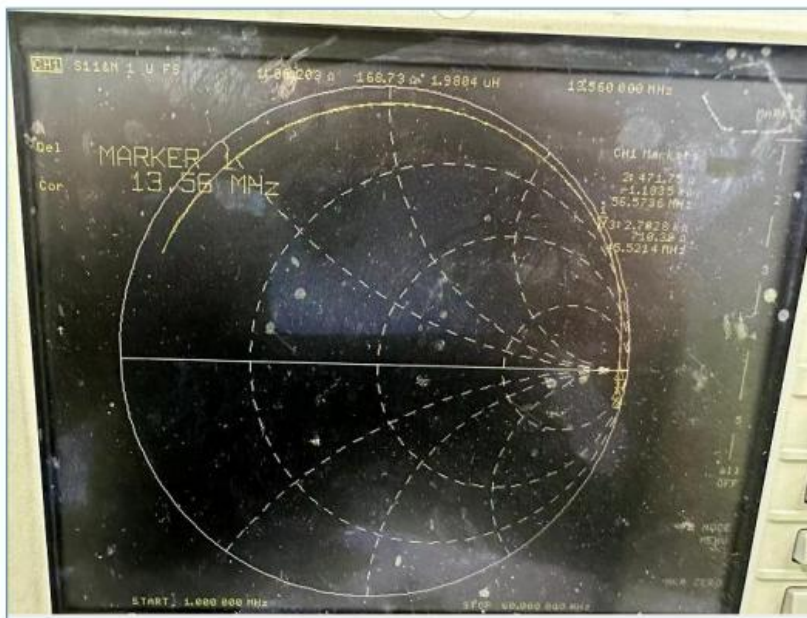
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Test Data

S11 Parameter-VSWR



	l ong	wi de
	59.8mm	35mm
Rs (Ω)	6.2	
La (uH)	1.98	
Rp (kΩ)	2.7	
Fra (MHz)	45.52	
Q值		



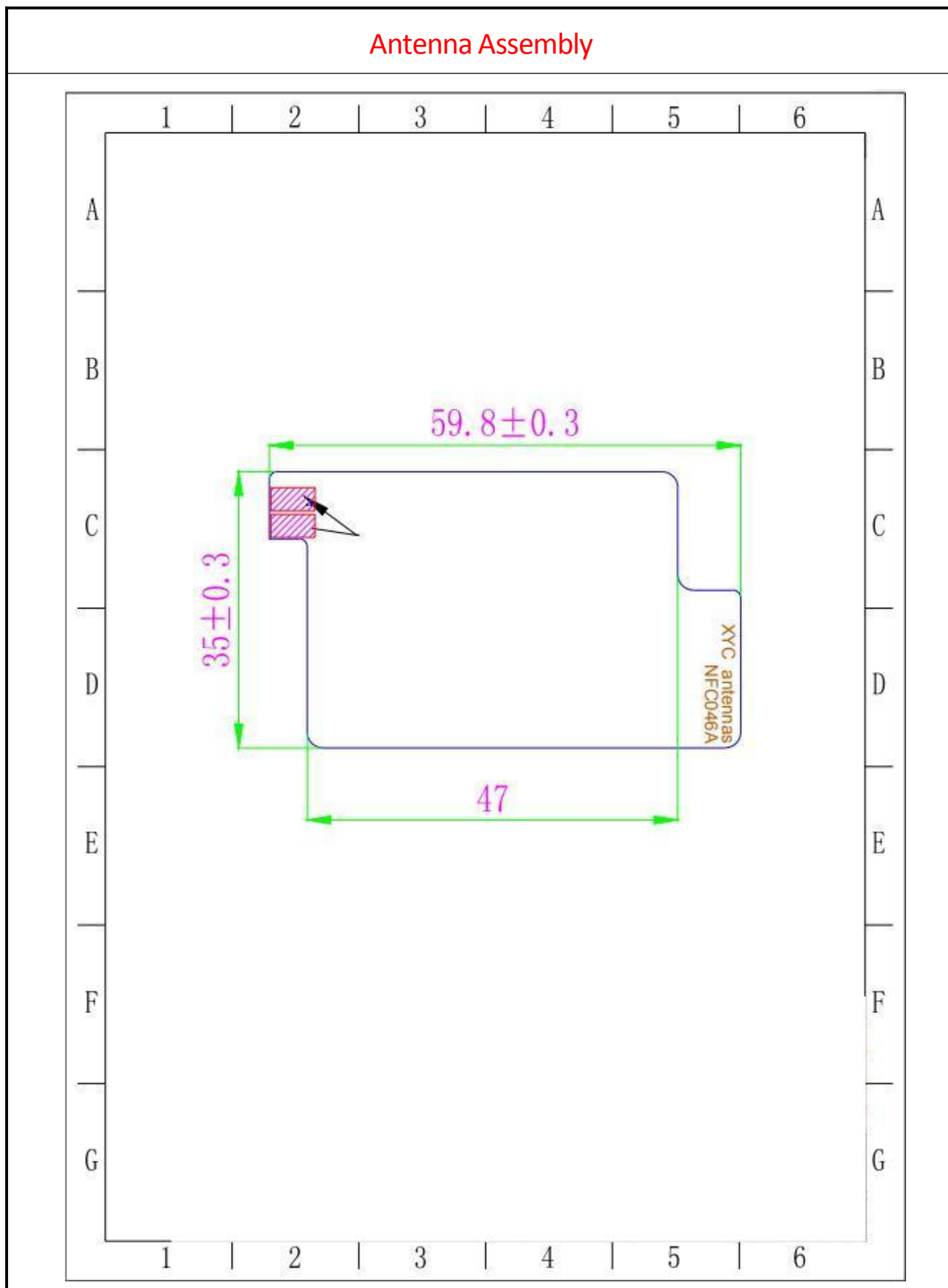
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Antenna Assembly



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