

承认书项目表

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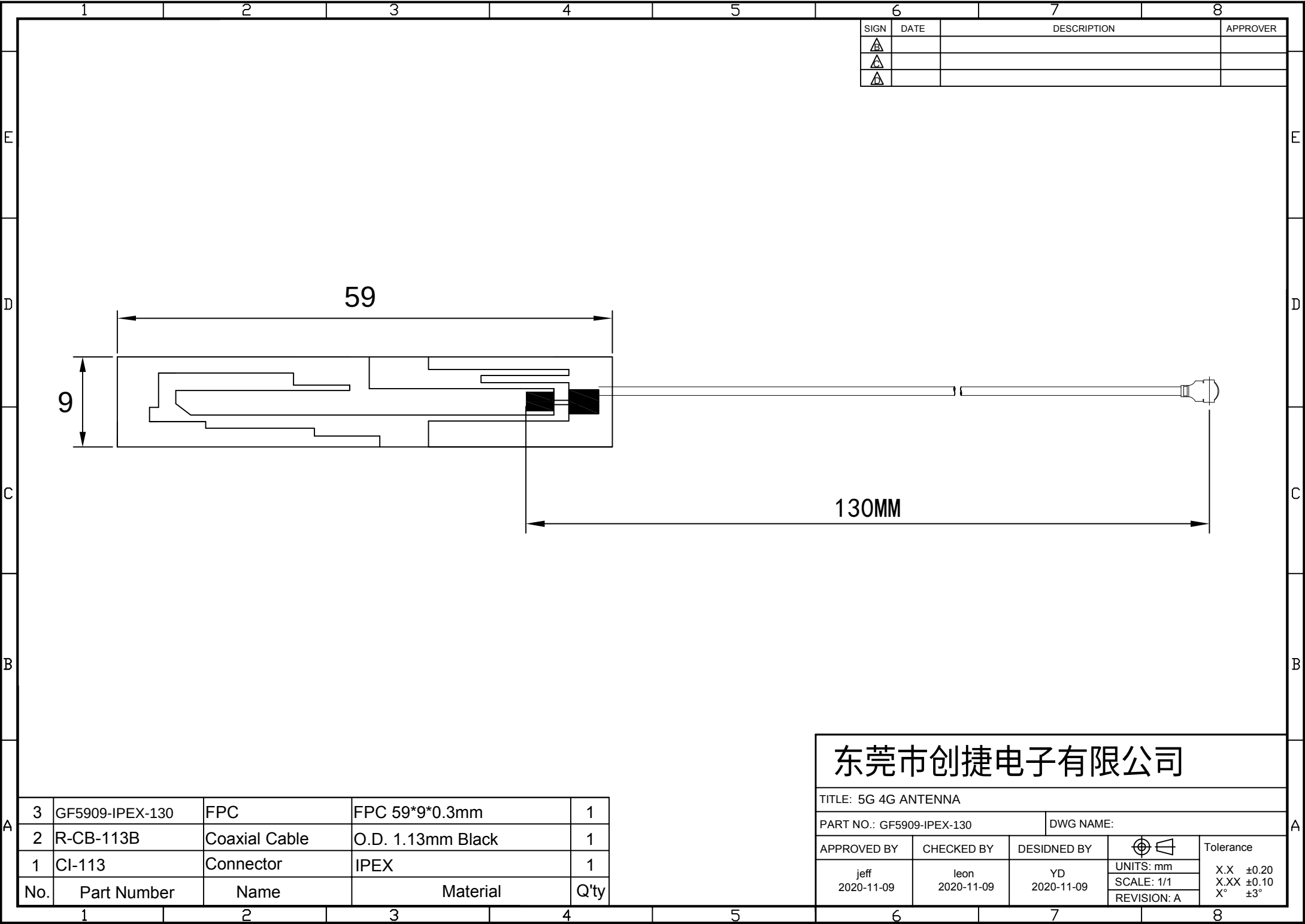
电性测试报告

Test Reports

Electrical Properties	
Frequency	780-6000MHz
Impedance	50 Ohm Nominal
V.S.W.R	<= 2.0
Return Loss	-10 dB Max
Radiation	Omni-directional
Gain (Peak)	6dBi
Cable Loss	2 dB / m Max
Polarization	Linear, Vertical
Admitted Power	1 W
Connector	ipex
Physical Properties	
Antenna Material	FPC
Cable Type	O.D. 1.13mm // 350 mm
Operating Temp.	-10 ~ +60 °C
Storage Temp.	-10 ~ +70 °C
Cable Color	Black

Gain Test Report

Frequency (GHz)	Efficiency (%)	Average gain (dBI)	Peak Gain (dBI)	Test conditions/Antenna type
2.4GHz				
2.4	82 ± 3	3.1	3.5	
2.45	85 ± 2	3.8	4.2	
2.48	78 ± 4	3	3.8	
5GHz				
5.15	70 ± 5	4.5	6.2	
5.35	74 ± 3	6.1	7.5	
5.8	63 ± 6	4.8	6.4	



SIGN	DATE	DESCRIPTION	APPROVER
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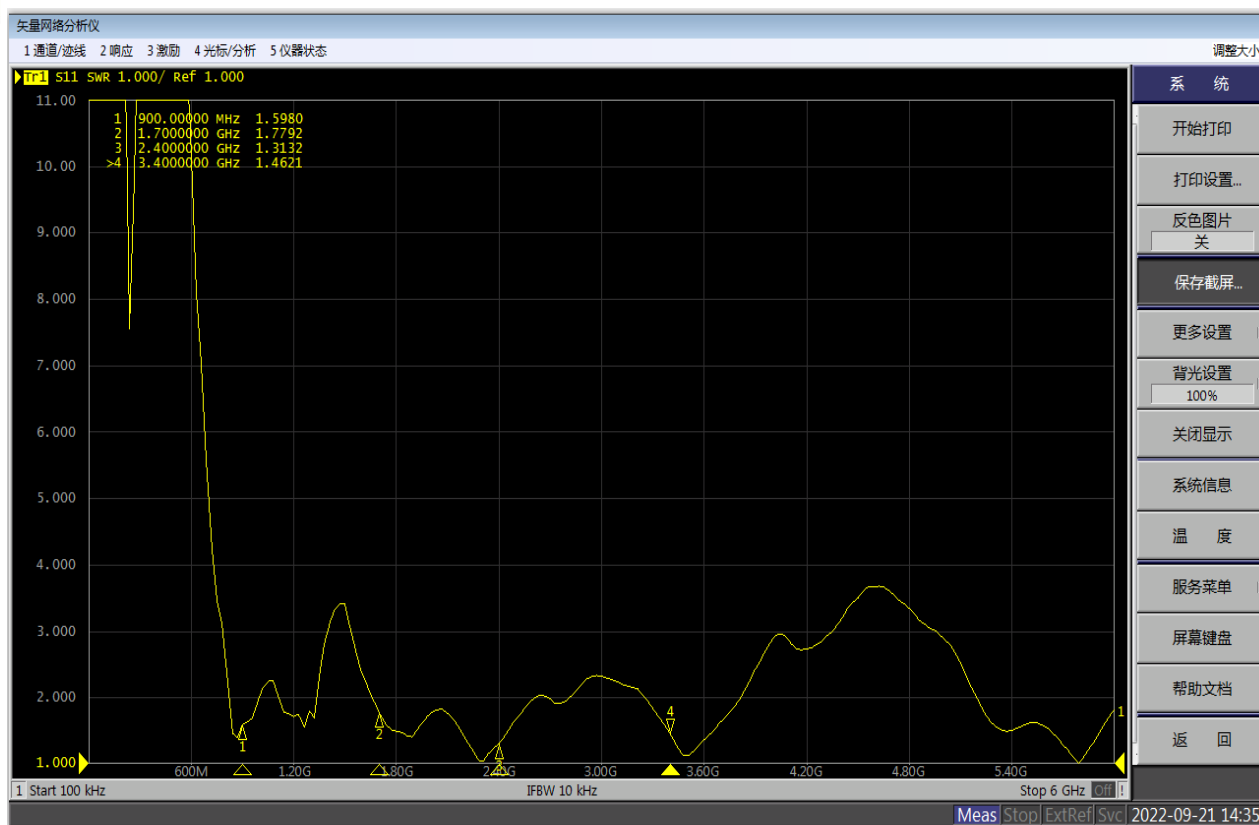
3	GF5909-IPEX-130	FPC	FPC 59*9*0.3mm	1
2	R-CB-113B	Coaxial Cable	O.D. 1.13mm Black	1
1	CI-113	Connector	IPEX	1
No.	Part Number	Name	Material	Q'ty

东莞市创捷电子有限公司				
TITLE: 5G 4G ANTENNA				
PART NO.: GF5909-IPEX-130			DWG NAME:	
APPROVED BY	CHECKED BY	DESIGNED BY		Tolerance
jeff 2020-11-09	leon 2020-11-09	YD 2020-11-09	UNITS: mm	X.X ±0.20
			SCALE: 1/1	X.XX ±0.10
			REVISION: A	X° ±3°

S 参数测试

S Parameter Test

Agilent E5071C



增益测试

Gain Test

*Antenna
Radiation
Pattern
VS
Gain*

