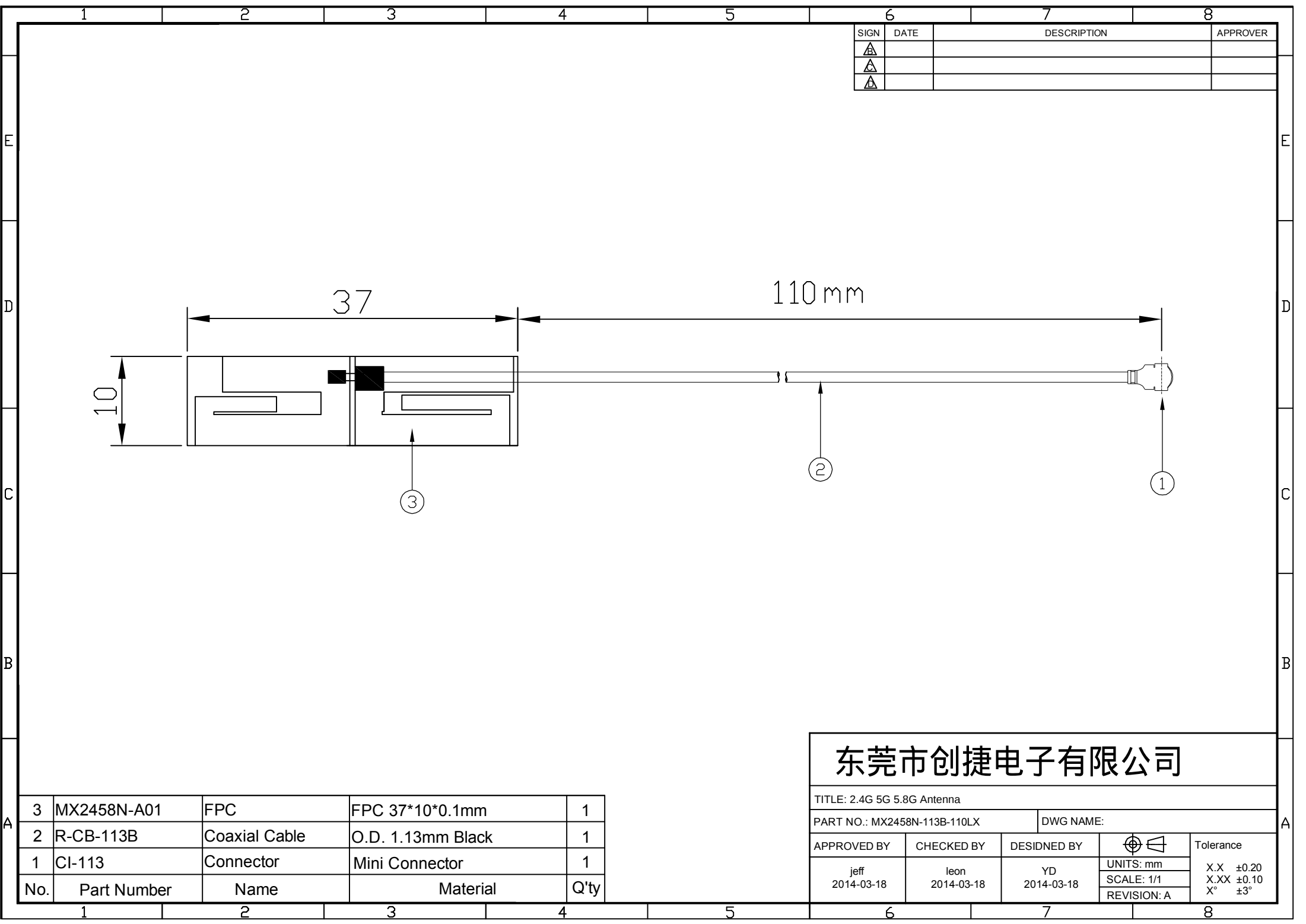

产品承认书

承认书项目表

NO.	内容 (Contents)	页数 (Number of Page)	页码 (Page Code)
1	承认书封面 (Spec Cover)	1	1
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6	增益测试 (Gain Test)	1	6
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SIGN	DATE	DESCRIPTION	APPROVER

3	MX2458N-A01	FPC	FPC 37*10*0.1mm	1
2	R-CB-113B	Coaxial Cable	O.D. 1.13mm Black	1
1	CI-113	Connector	Mini Connector	1
No.	Part Number	Name	Material	Q'ty

东莞市创捷电子有限公司				
TITLE: 2.4G 5G 5.8G Antenna				
PART NO.: MX2458N-113B-110LX			DWG NAME:	
APPROVED BY	CHECKED BY	DESIDNED BY		Tolerance
jeff 2014-03-18	leon 2014-03-18	YD 2014-03-18	UNITS: mm	X.X ±0.20
			SCALE: 1/1	X.XX ±0.10
			REVISION: A	X° ±3°

电性测试报告

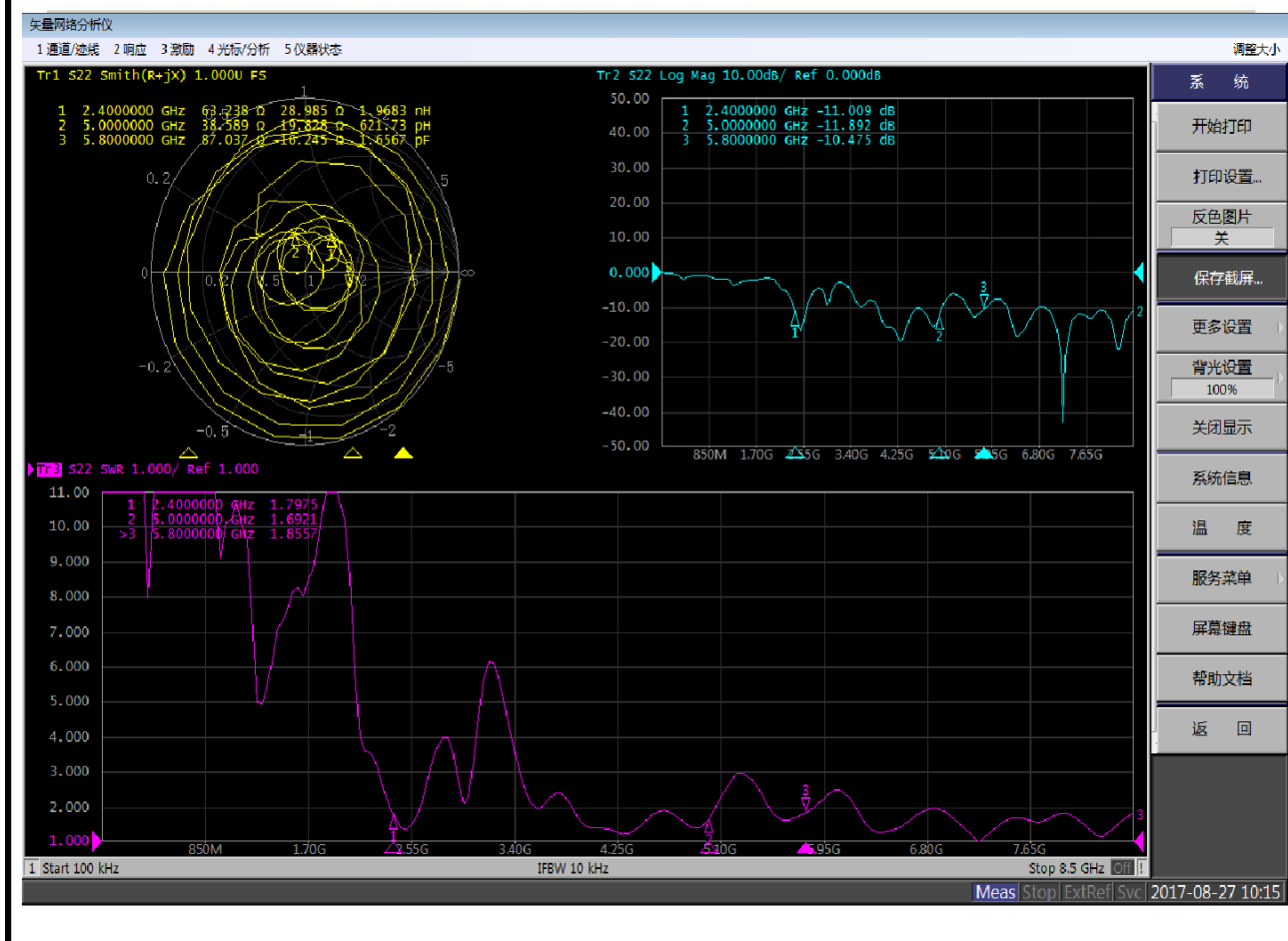
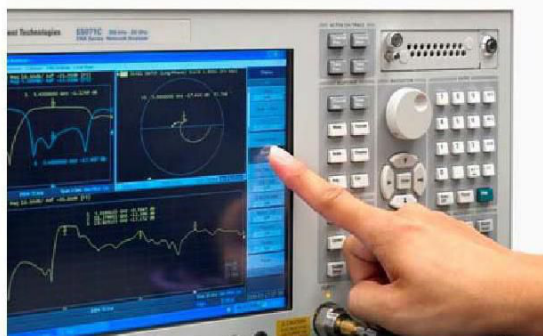
Test Report

Sample Photo	
	
Electrical Characteristics	
Frequency	2400 ~ 2480 MHz
S.W.R	<= 2.0 @ 2400 ~ 2500 MHz
Impedance	50 Ohm Nominal
Return Loss	-10 dB Max
Radiation	Omni-directional
Peak Gain(dBi)	2.44
Polarization	Linear
Admitted Power	1W
Connector	IPEX MHF 1
Physical Properties	
Antenna Material	FPC
Cable Type	O.D. 1.13mm // 50 mm
Operating Temp.	-10~+60℃
Storage Temp.	-10~+70℃

S 参数测试

S Parameter Test

Agilent E5071C



增益测试

Gain Test

Freq.(MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480
Peak Gain(dBi)	2.44	2.42	2.39	2.35	2.32	2.27	2.22	2.17	2.1
Peak Degree	6	6	8	8	8	8	10	10	10
AV Gain(dBi)	1.57	1.54	1.46	1.42	1.37	1.31	1.21	1.13	1.05

3D 天线增益图

3D antenna pattern

