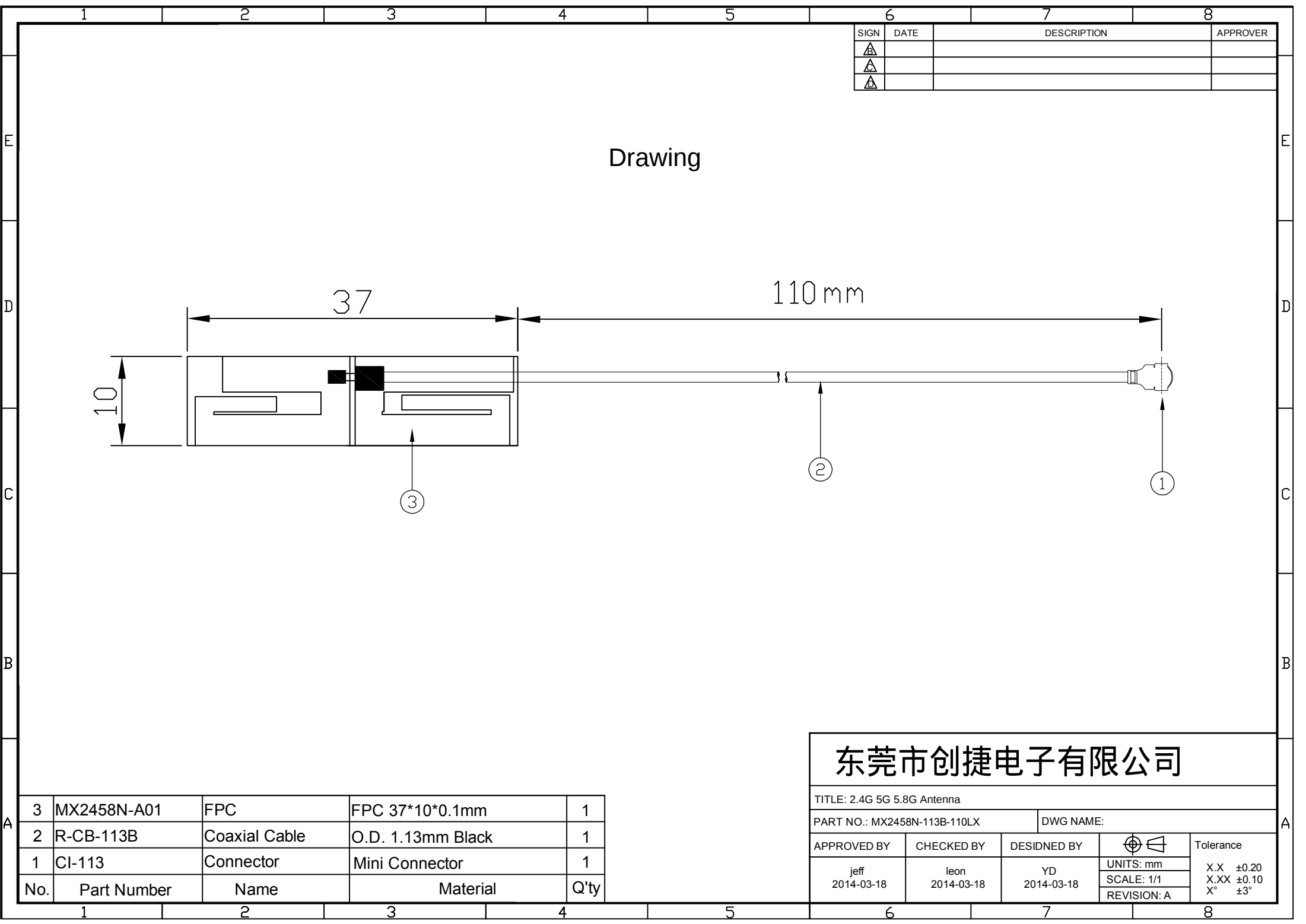




Drawing

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
				SCALE: 1/1
				REVISION: A
				X.X ±0.20 X.XX ±0.10 X° ±3°

电性测试报告

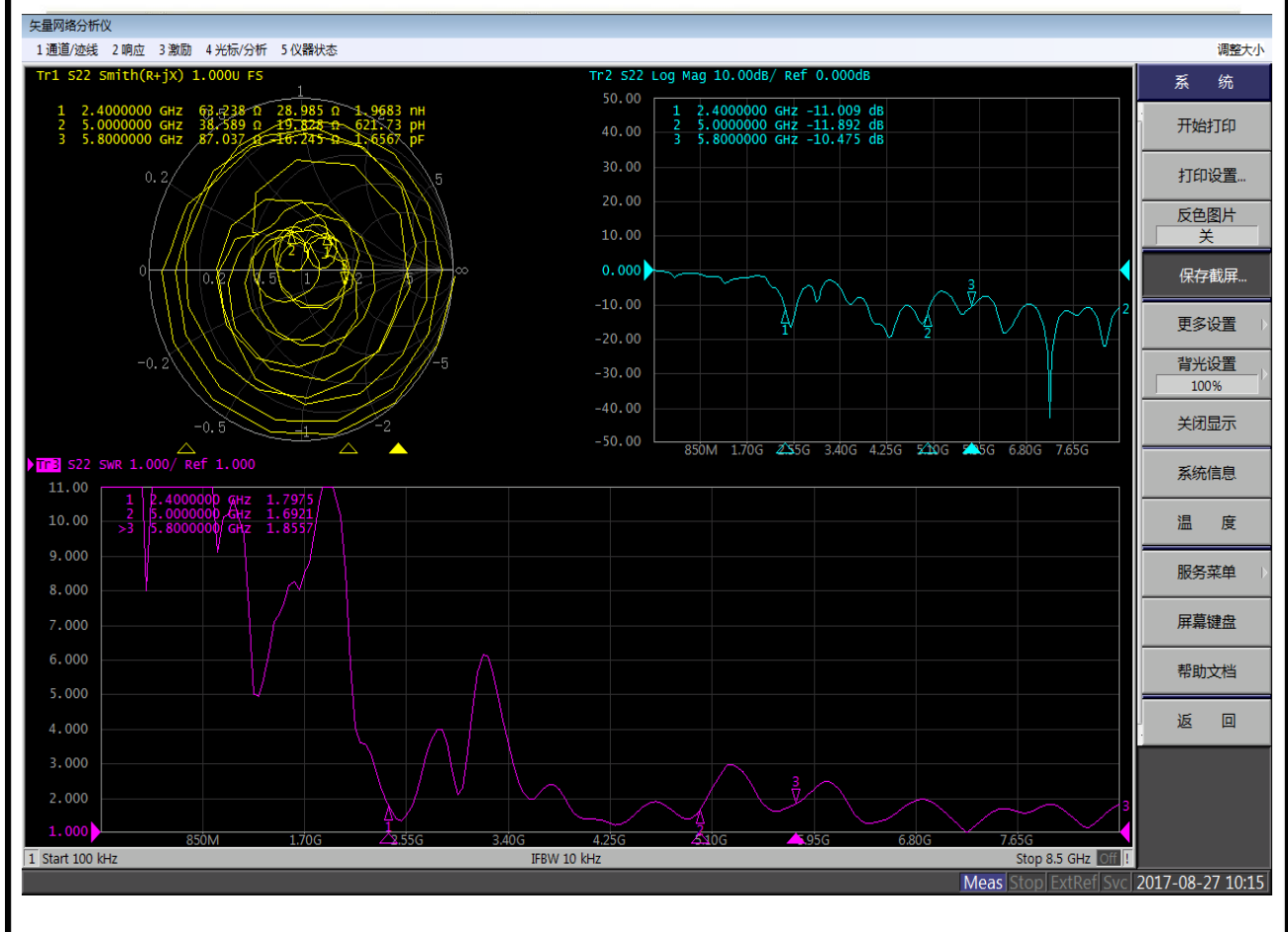
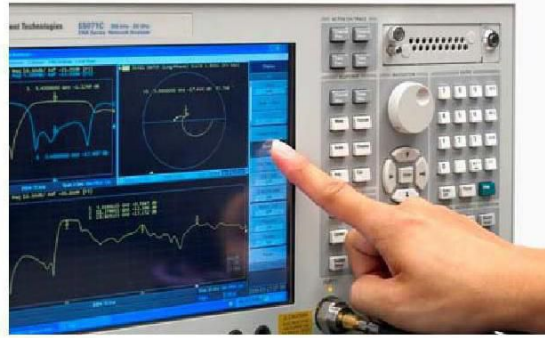
Test Reports

Sample Photo	
	
A. Electrical Characteristics	
Frequency	2400 ~ 2500 MHz
S.W.R.	≤ 2.0 @ 2400 ~ 2500 MHz
Impedance	50 Ohm Nominal
Return Loss	-10 dB Max
Radiation	Omni-directional
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 // 50 mm
Operating Temp.	-10 ~ +60 °C
Storage Temp.	-10 ~ +70 °C

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	2490	2500
Peak Gain(dBi)	3.26	4.65	4.95	5.00	4.29	4.16	4.52	4.66	4.75	4.28	3.74
Peak Degree	126	82	75	225	225	225	225	225	225	75	75
AV Gain(dBi)	1.28	1.75	1.76	1.82	1.59	1.43	1.75	1.37	1.44	1.42	1.42