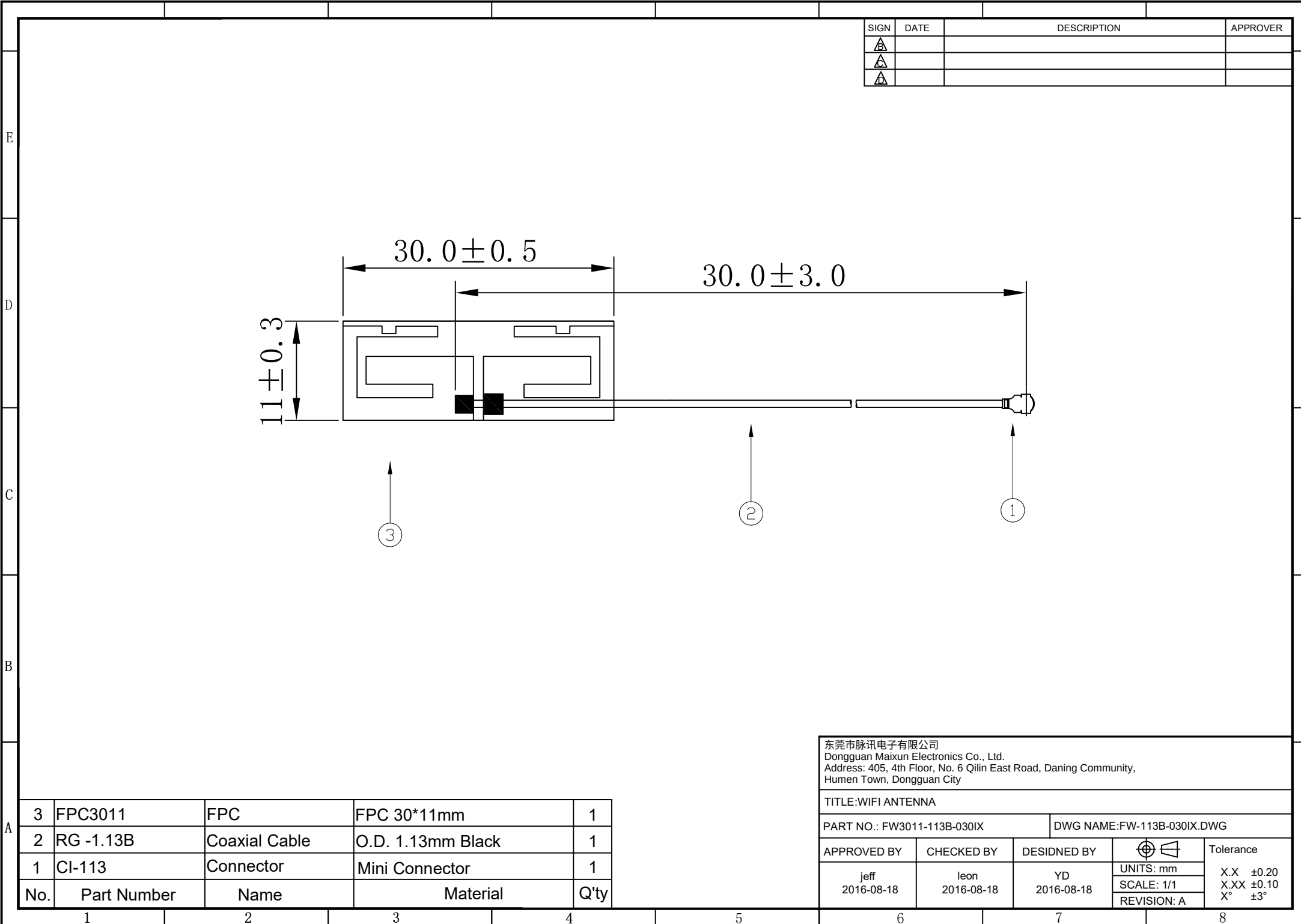


Antenna Specification Document

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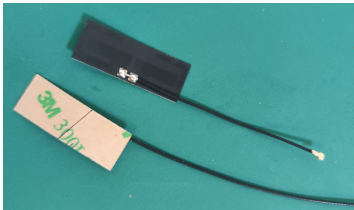
SIGN	DATE	DESCRIPTION	APPROVER

3	FPC3011	FPC	FPC 30*11mm	1
2	RG -1.13B	Coaxial Cable	O.D. 1.13mm Black	1
1	CI-113	Connector	Mini Connector	1
No.	Part Number	Name	Material	Q'ty

东莞市脉讯电子有限公司 Dongguan Maixun Electronics Co., Ltd. Address: 405, 4th Floor, No. 6 Qilin East Road, Daning Community, Humen Town, Dongguan City				
TITLE:WIFI ANTENNA				
PART NO.: FW3011-113B-030IX			DWG NAME:FW-113B-030IX.DWG	
APPROVED BY	CHECKED BY	DESIGNED BY		Tolerance
jeff 2016-08-18	leon 2016-08-18	YD 2016-08-18		X.X ±0.20
				X.XX ±0.10
				X° ±3°

电性测试报告

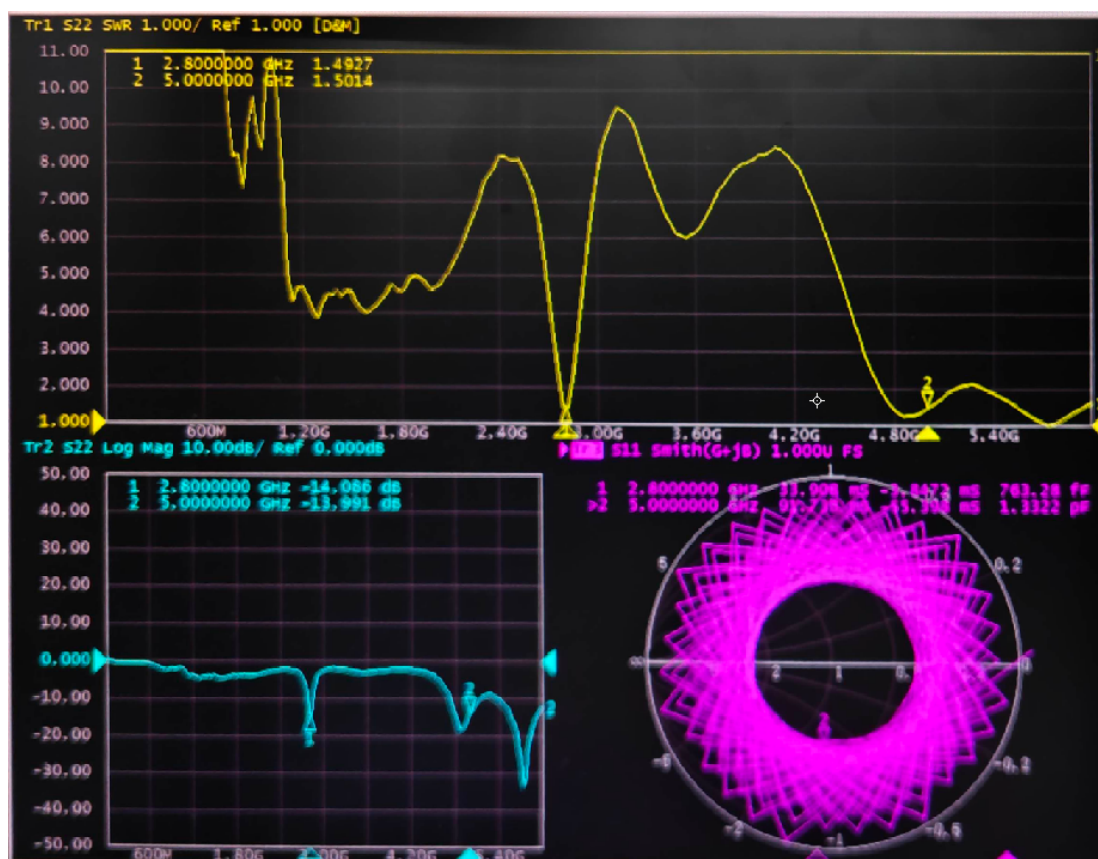
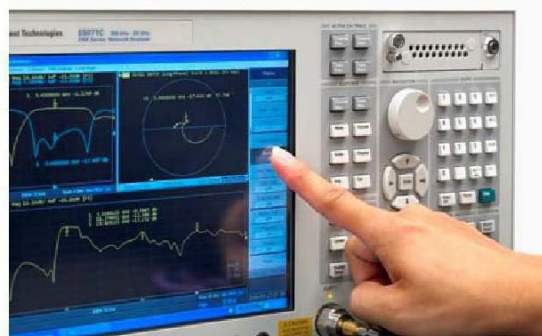
Test Reports

Sample Photo	
	
A. Electrical Characteristics	
Frequency	2400 ~ 2500 MHz
S.W.R.	≤ 2.0 @ 2800 ~ 2900 MHz 4900 ~ 5900 MHz
Antenna Gain	3.0dBi
Impedance	50 Ohm Nominal
Return Loss	-10 dB Max
Radiation	Omni-directional
Cable Loss	2.0 dB / m Max @ 2000 MHz
Polarization	Linear, Vertical
Admitted Power	1 W
Connector	Mini ☐ Connector
Physical Properties	
Antenna Material	FPC
Cable Type	O.D. 1.13mm // 30 mm
Operating Temp.	-30 ~ +60 °C
Storage Temp.	-35 ~ +70 °C

S 参数测试

S Parameter Test

Agilent E5071C



增益测试

Gain Test

*Antenna
Radiation
Pattern
VS
Gain*

