



東莞市仕研電子通訊有限公司

DONGGUAN SEYA ELECTRONIC COMMUNICATION CO.,LTD

Photo





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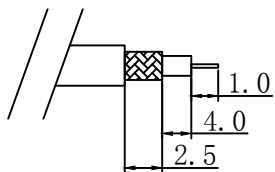
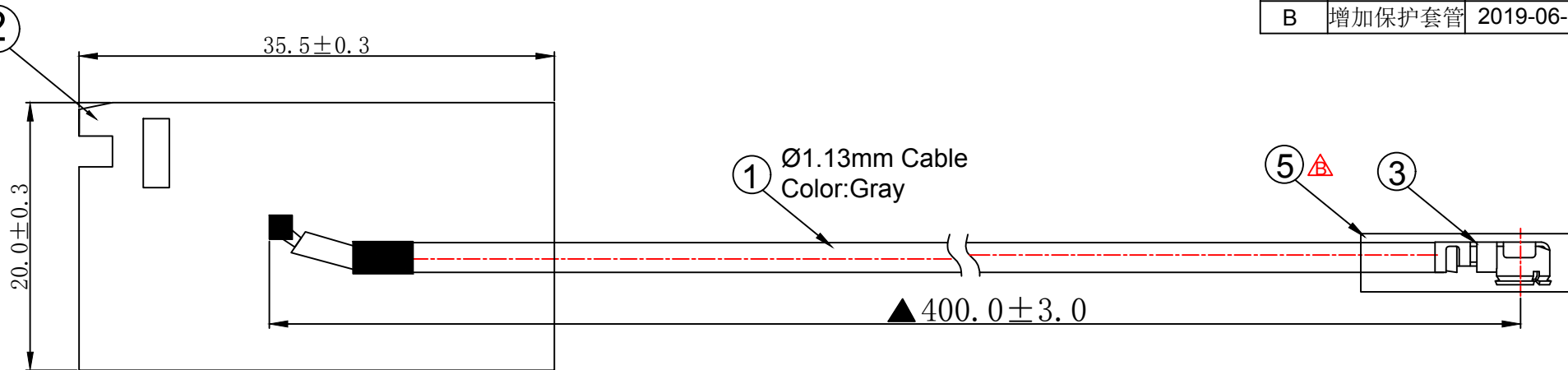
DONGGUAN SEYA ELECTRONIC COMMUNICATION CO.,LTD

产品规格概述

Electrical Properties	
Frequency	2400~2500;5150-5850MHz
Impedance	50 Ohm Nominal
VSWR	2.0MAX
Radiation	Omni-directional
Polarization	Vertical Linear
Gain (Peak)	3dBi
Conn	IPEX-4L端子
Physical Properties	
Antenna Material	PCB
Cable Type	OD1.13 RF CABLE
Operating Temp.	-40 ~ +80 °C
Storage Temp.	-45 ~ +85 °C
Cable Color	GRAY

ROHS

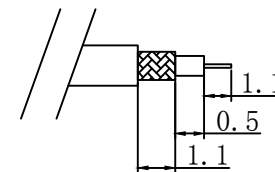
REV.	CONTENT	DATE
A	首次发行	2018-12-01
B	增加保护套管	2019-06-19



PCB STRIPPING DIM'S

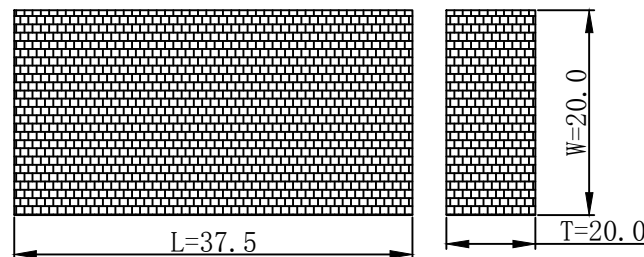
重点:

1. 裁线尺寸: 400.0mm
2. ▲为重点检验尺寸
3. 外观不可损伤, PCB不可有破损、掉漆露铜等现象。



IPEX STRIPPING DIM'S

④EVA 泡棉双面背胶,SIZE:37.5 * 20.0*20.0mm



备注:

1. 线材为RF1.13灰色线材, 特性阻抗为50 Ohm

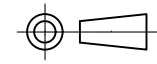
网络测试:

测试频段: 2.4~2.5;5.15-5.85Ghz

VSWR:2.0MAX

GAIN:3dbi

5	EVA10109A	透明保护套管Ø1.5 FOR 4L端子▲	1PC
4	EVA10109A	EVA 泡棉双面背胶,SIZE:37.5 * 20.0*20.0mm	1PC
3	TER10010A.P01	4L代I-PEX端子Ø1.13mm Coaxial Cable专用	1PC
2	PCB10362A-SY8165	天线PCB, 表面附黑油, SIZE:35.5 * 20.0 * T0.8mm	1PC
1	COA11301A	Ø1.13mm Coaxial Cable同轴线 (灰色);L=400.0mm	1PC
NO.	Name	Finished	Q'ty

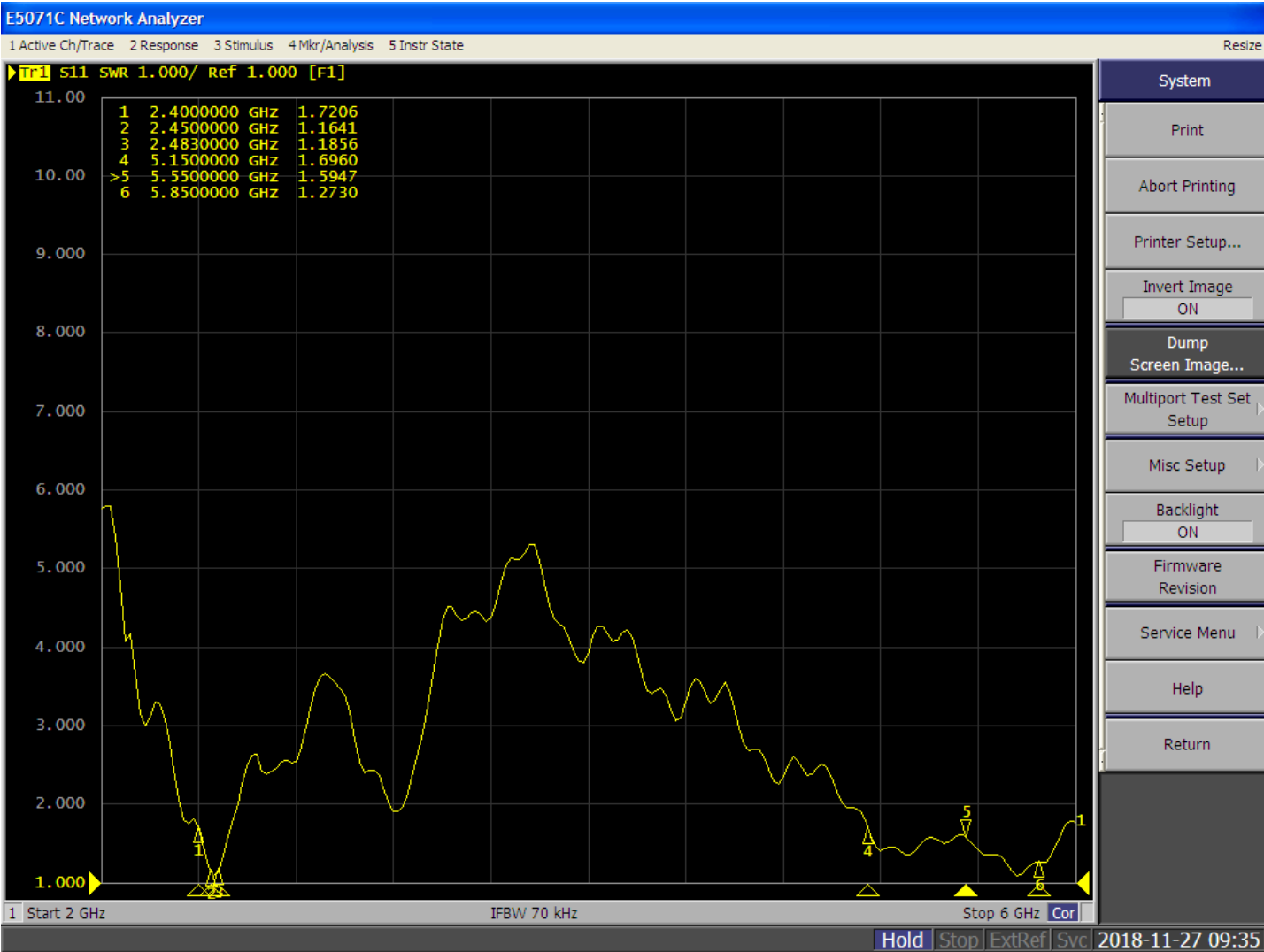
 东莞市仕研电子通讯有限公司 DONGGUAN SEYA ELECTRONIC COMMUNICATION CO.,LTD		CUSTOMER			
		PART NO		15.3.03.0019701-546	
		TITLE		2.4-5.8GHz WIFI ANTENNA	
		S.H P/NO		SY-W4PE8165G400C-L01	
 TOLERANCE UNLESS OTHERWISE SPECIFIED		SIZE	DRAWN	CHECKED	APPROVED
		UNIT:mm	ANGLES ±0.5°	X. ±2.0	
		SHEET: 1/1	X.XX ±0.2	XX. ±5.0	
		SCALE: 1/1	X.X ±0.5	DATE:2019-06-19	
		Patrick		Jerry	Jammy



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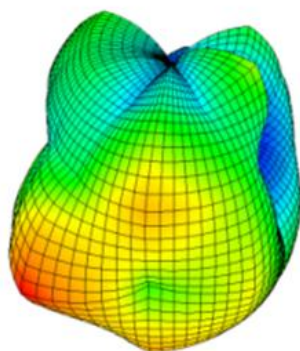
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网络测试

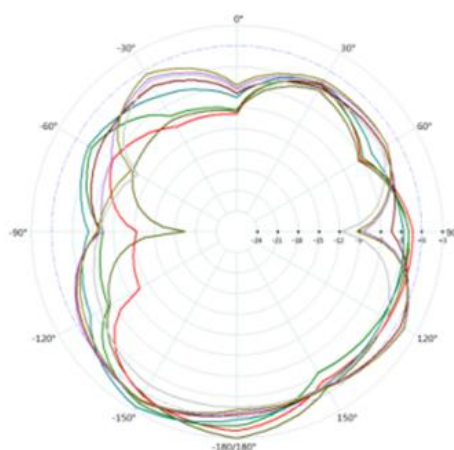


GAIN测试

3D



2D



参数\频率(mhz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Peak Gain(dBi)	2.35	2.61	2.51	2.81	2.91	3.05	3.06	3.14	2.88	2.47	2.12
Efficiency(%)	58.69	62.15	65.11	64.92	67.54	66.68	67.88	63.57	66.49	62.99	59.14

参数\频率(mhz)	5150	5250	5350	5450	5550	5650	5750	5850
Peak Gain(dBi)	2.68	2.91	3.05	3.41	3.21	2.81	2.71	2.66
Efficiency(%)	61.12	62.35	64.11	65.14	65.41	64.46	62.51	58.91