



東莞市仕研電子通訊有限公司

DONGGUAN SEYA ELECTRONIC COMMUNICATION CO.,LTD

Photo





東莞市仕研電子通訊有限公司

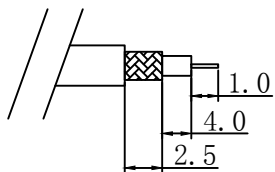
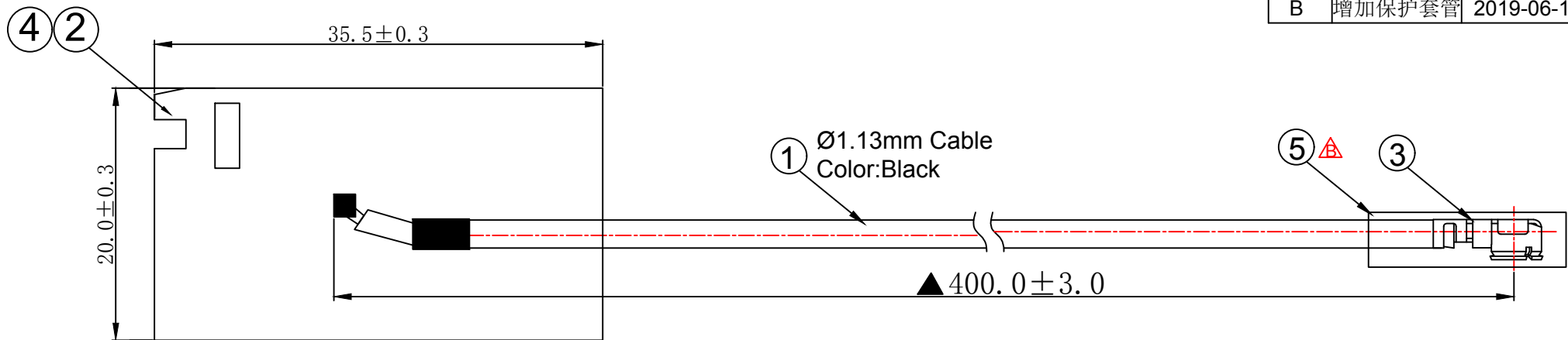
DONGGUAN SEYA ELECTRONIC COMMUNICATION CO.,LTD

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	BLACK

ROHS

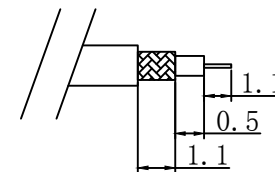
REV.	CONTENT	DATE
A	首次发行	2018-12-01
B	增加保护套管	2019-06-19



PCB STRIPPING DIM'S

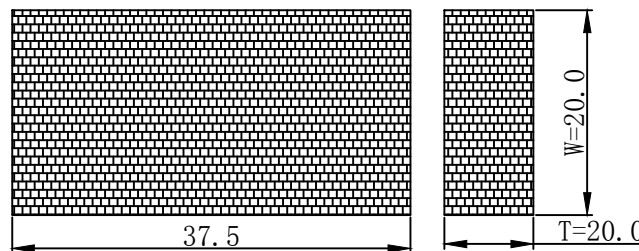
重点:

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黑色线材, 特性阻抗为50 Ohm

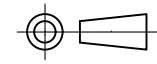
网络测试:

测试频段: 2.4~2.5;5.15-5.85Ghz

VSWR:2.0MAX

GAIN:3dBi

5	TUB10024A.P01	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	COA11301B	Ø1.13mm Coaxial Cable同轴线 (黑色) ;L=400.0mm	1PC
NO.	Name	Finished	Q'ty

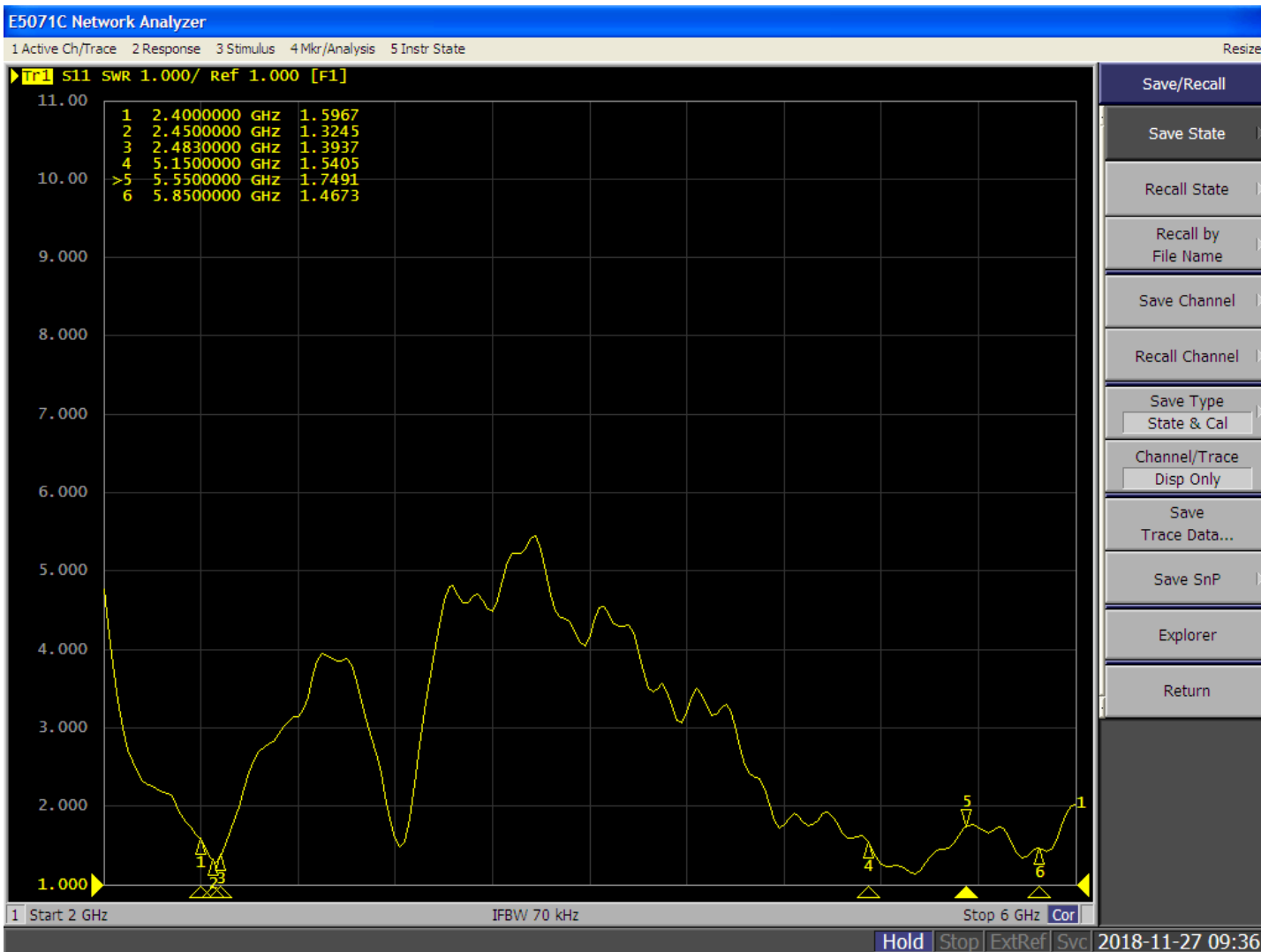
 东莞市仕研电子通讯有限公司 DONGGUAN SEYA ELECTRONIC COMMUNICATION CO.,LTD		CUSTOMER			
		PART NO		15.3.02.2052011-546	
		TITLE		2.4-5.8GHz WIFI ANTENNA	
		S.H P/NO		SY-W4PE8165B400C-L01	
 TOLERANCE UNLESS OTHERWISE SPECIFIED		SIZE	DRAWN	CHECKED	APPROVED
		UNIT:mm	ANGLES ±0.5°	X. ±2.0	
		SHEET: 1/1	X.XX ±0.2	XX. ±5.0	
		SCALE: 1/1	X.X ±0.5	DATE:2019-06-19	
		Patrick		Jerry	Jammy



东莞市仕研电子通讯有限公司

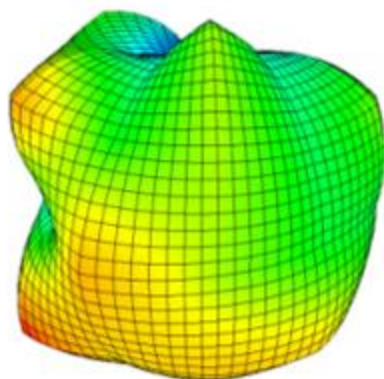
DONGGUAN SEYA ELECTRONIC COMMUNICATION CO.,LTD

网络测试

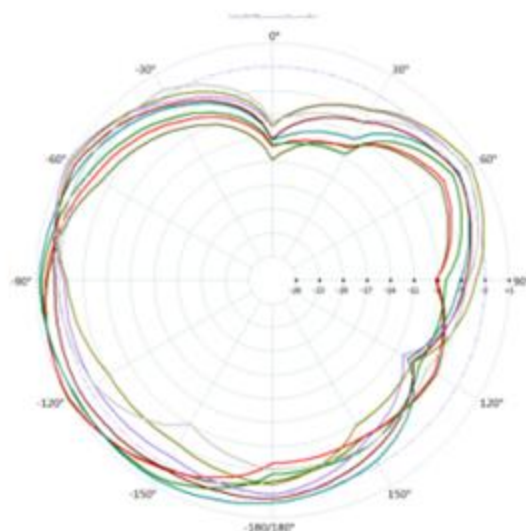


GAIN测试

3D



2D



参数\频率(mhz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Peak Gain(dBi)	2.66	2.81	3.01	3.14	3.22	3.34	3.41	3.07	2.81	2.68	2.55
Efficiency(%)	57.82	59.68	61.11	62.04	64.44	65.91	65.21	65.51	63.91	62.51	58.91

参数\频率(mhz)	5150	5250	5350	5450	5550	5650	5750	5850
Peak Gain(dBi)	2.81	2.65	2.95	2.81	3.05	2.99	2.85	2.77
Efficiency(%)	54.52	55.91	57.82	62.91	65.04	63.82	61.14	55.64