



東莞市仕研電子通訊有限公司

DONGGUAN SEYA ELECTRONIC COMMUNICATION CO.,LTD

SPECIFICATION FOR APPROVAL

CUSTOMER: _____

CUSTOMER NO: _____

PART NAME: _____

SUPPLIER NO: SY-W402000G060C-L01

Date: 2017-04-22

Q' TY: PCS

CUSTOMER APPROVED BY		
APPROVAL	CHIEF	SUPERVISOR

SUPPLIER SIGNATURE		
APPROVAL	CHECK	DESIGN
Jammy	Jerry	Patrick

List of Specifications

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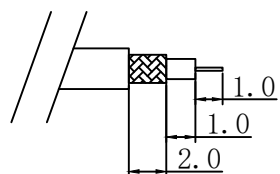
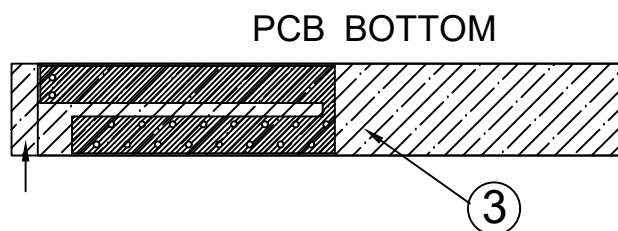
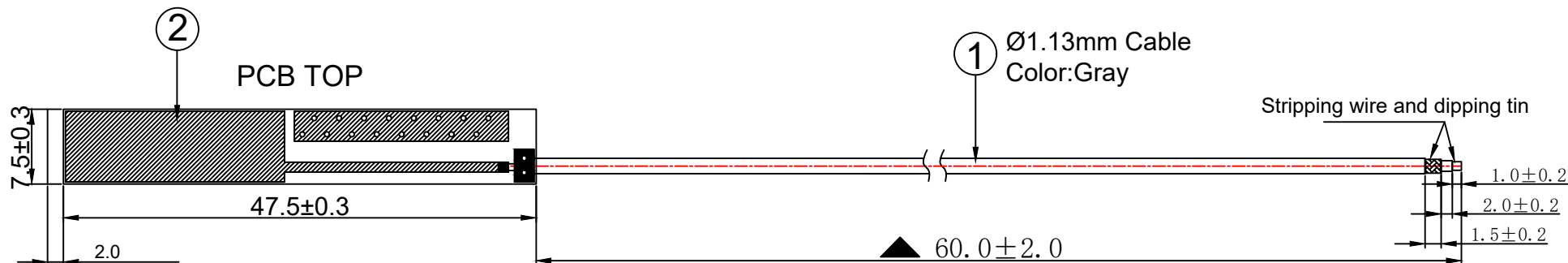
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Product pictures



Electrical specifications

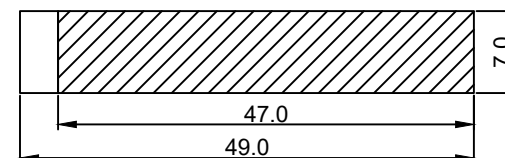
Electrical Properties	
Frequency	2400~2500MHz
Impedance	50 Ohm Nominal
Return Loss	≤-10 dBi
VSWR	2.0Max
GAIN	4.15 dBi
Physical Properties	
Antenna Material	PCB
Cable Type	Φ1.13 CABLE
Operating Temp.	-30 ~ +80℃
Storage Temp.	-40 ~ +85 °C
Cable Color	Gray



PCB STRIPPING DIM'S

1. Cutting size: 64.0mm
2. ▲ Focus on size inspection
3. PCB shall be free of damage, paint loss and copper leakage.

③ Double-sided adhesive, size: 49.0*7.0*0.1mm



Remarks:

1.Cable:Ø1.13 Gray, Impedance50 Ohm
Frequency: 2400-2500MHz
VSWR:2.0MAX
Peak Gain:4.0dBi

SEYA 东莞市仕研电子通讯有限公司
DONGGUAN SEYA ELECTRONIC COMMUNICATION CO.,LTD

CUSTOMER		05.02.009	
PART NO		419900000036	
TITLE		2.4GHz 4dBi WIFI ANTENNA	
S.H P/NO		SY-W402000G060C-L01	

	TOLERANCE UNLESS OTHERWISE SPECIFIED		
	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:2017-04-22

SIZE	DRAWN	CHECKED	APPROVED
A4	Patrick	Jerry	Jammy

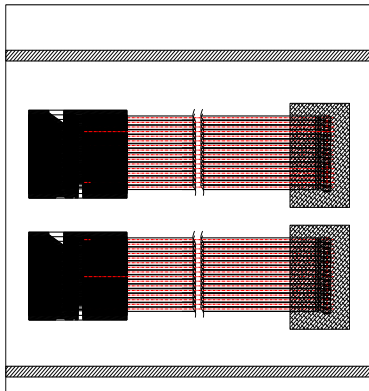
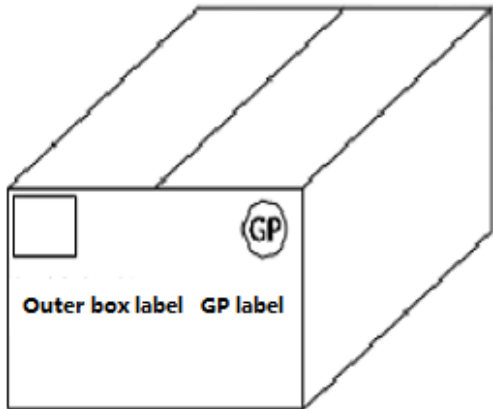
3	PAS100xA.P01	SONY G9000double faced adhesive tape, size: 49.0*7.0*0.1mm	1PC
2	PCB10113A	Antenna PCB FR-4,Black printing oil ,Size: 47.5*7.5*0.6mm	1PC
1	COA11301A	Ø1.13mm Coaxial Cable, Color:Gray L=64.0mm	1PC
NO.	Name	Finished	Q'ty



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DONGGUAN SEYA ELECTRONIC COMMUNICATION CO.,LTD

Packing

Item p/n:	SY-W402000G060C-L01	Rev	A
Item	2.4GHz 4dBi WIFI ANTENNA	CUS	/
Packaging steps and specifications:			
1.Product picture		2.50PCS ANTENNA/ZHA,100PCS/PE BAG	
			
3.It can be packed according to the order quantity and the quantity that can be packed.		4.Paste the corresponding shipping label on the outer box	
			

Approval:Jammy

Confirm: Marco

Check:Patrick

ADD:No. 26 Juxiang 1st Road, Dalang Town, Dongguan, Guangdong

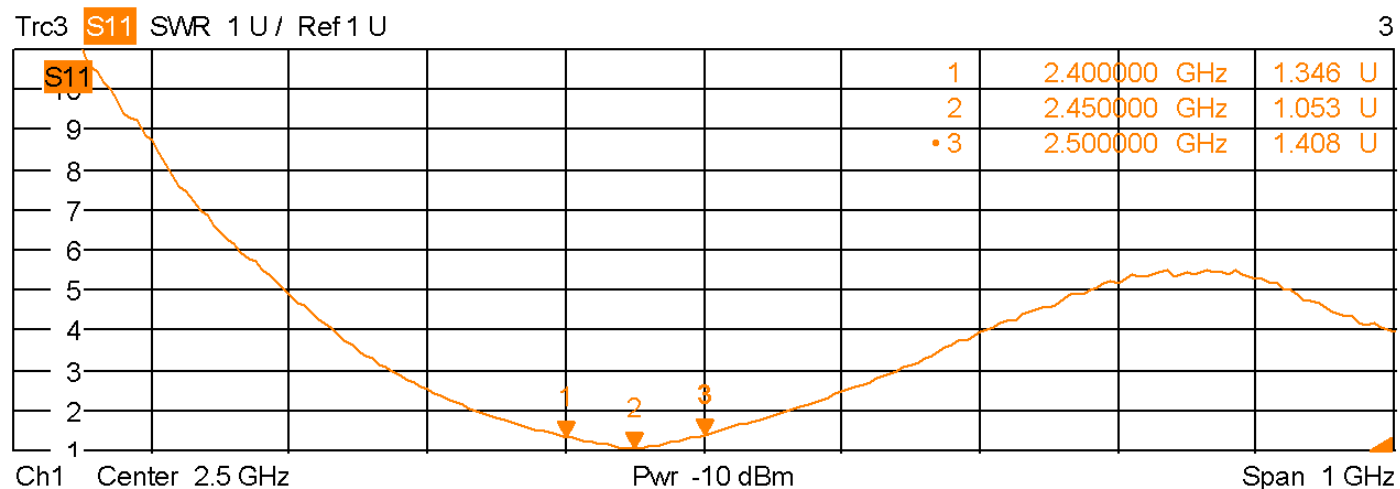
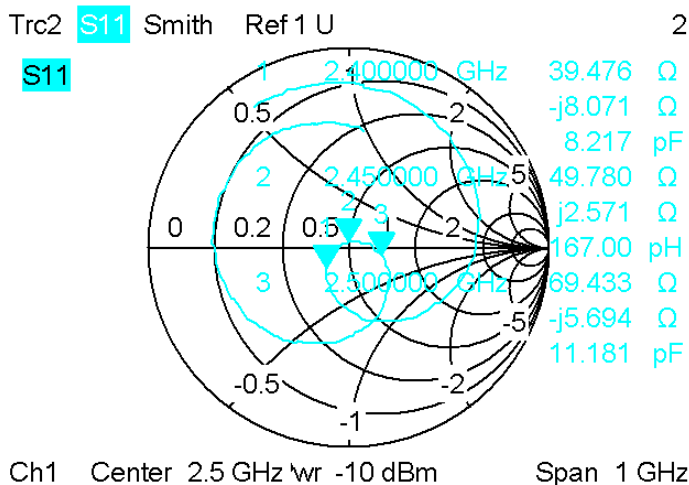
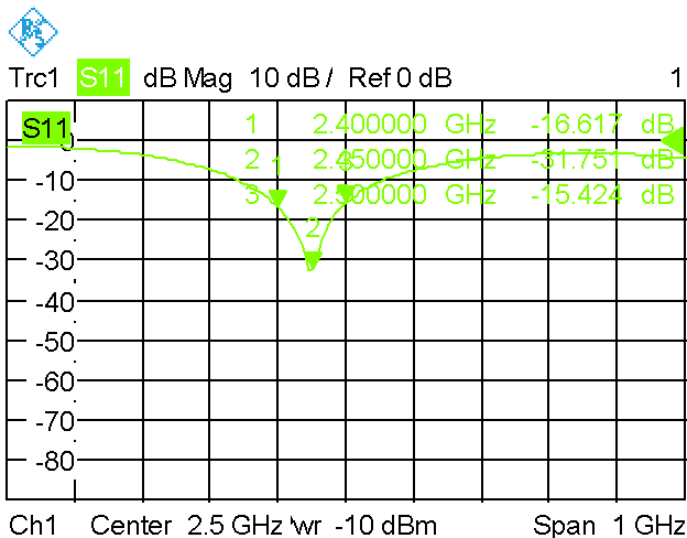
TELL:0769-23076959

WEB:WWW.SEYARF.COM



Characteristic test

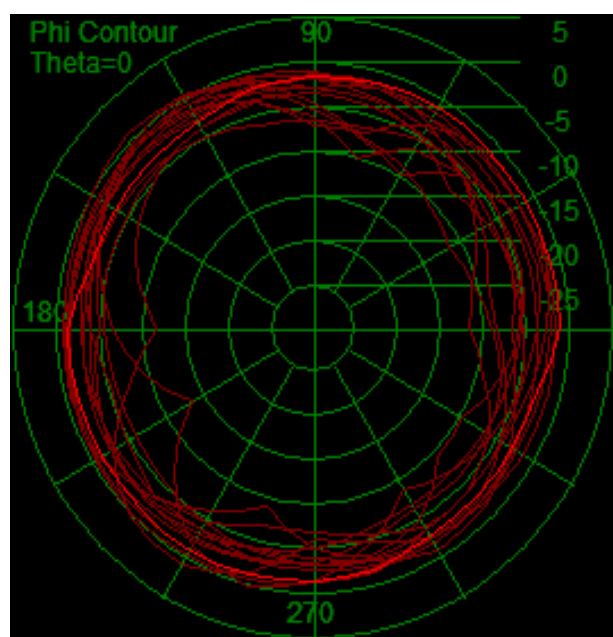
S-Parameters



Efficiency and Peak Gain

Passive Test For wifi								
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	Max (dB)	Min (dB)	Attenut Hor	Attenut Ver
2400	66.89	-1.75	3.49	1.34	3.49	-23.98	52.75	52.03
2410	69.89	-1.56	3.73	1.58	3.73	-22.42	52.88	52.12
2420	71.22	-1.47	3.89	1.74	3.89	-22.36	53.01	52.19
2430	73.45	-1.34	4.06	1.91	4.06	-22.03	53.07	52.47
2440	73.19	-1.36	4.07	1.92	4.07	-22.78	53.09	52.5
2450	74.95	-1.25	4.13	1.98	4.13	-23.52	53.11	52.67
2460	75.98	-1.19	4.15	2	4.15	-25.11	53.17	52.6
2470	77.1	-1.13	4.15	2	4.15	-26.09	53.19	52.58
2480	76.49	-1.16	4	1.85	4	-23.08	53.22	52.47
2490	74.79	-1.26	3.8	1.65	3.8	-20.27	53.1	52.44
2500	72.48	-1.4	3.55	1.4	3.55	-19.41	53	52.33

2D



3D

