



东莞市仕研电子通讯有限公司

DONGGUAN SEYA ELECTRONIC COMMUNICATION CO.,LTD

SPECIFICATION FOR APPROVAL

CUSTOMER: _____

CUSTOMER NO: _____

PART NAME: 2.4G WIFI ANTENNA

SUPPLIER NO: SY-W90PE9003G060C-L01

Date: 2019.03.06

Q'TY: 10 PCS

CUSTOMER APPROVED BY		
APPROVAL	CHIEF	SUPERVISOR

SUPPLIER SIGNATURE		
APPROVAL	CHECK	DESIGN
Jammy	Jerry	Patrick



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Product Pictures



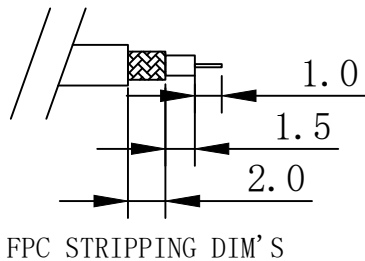
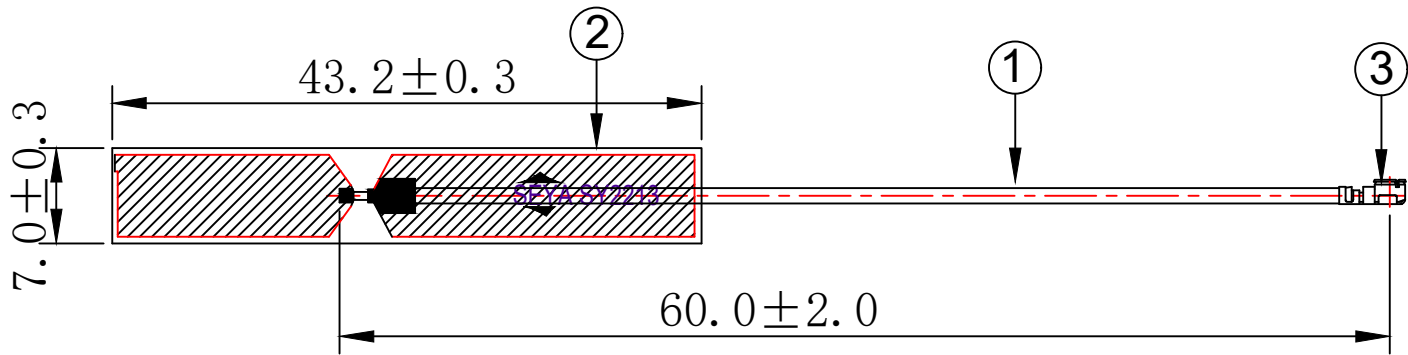


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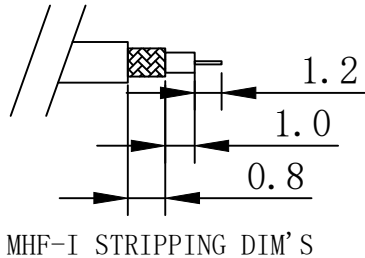
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Product specification describes

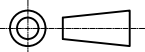
Electrical Properties	
Frequency	2.4-2.5GHz
Impedance	50 Ohm
VSWR	2.0Max
GAIN	3.72dBi
Radiation	Omni
Polarization	Vertical
Physical Properties	
Antenna Material	FPC
Cable Type	Φ1.13 CABLE
Working Temp.	-30 ~ +70 °C
Cable Color	Gray



Key points:
1. Cutting size: 60.0mm
2. ▲ Key inspection dimensions
3. FPC must not have any damage, paint peeling, or copper leakage



Remarks:
1. Wire is RF1.13 gray wire with a characteristic impedance of 50Ω
Network testing:
Test frequency band: 2.4-2.5GHz
VSWR: 2.0MAX
PEAK GAIN: 3.5dBi

 东莞市仕研电子通讯有限公司 DONGGUAN SEYA ELECTRONIC COMMUNICATION CO.,LTD	CUSTOMER			
	PART NO			
	TITLE		2. 4GHz WIFI ANTENNA	
	S. H P/NO		SY-W90PE9003G060C-L01	
3	TER10005A.P01	MHF-1端子FOR Ø1.13mm Coaxial Cable,表面镀金	1PC	 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:2019.03.06
2	FPC10479A-SY2213	WIFI ANTENNA FPC,表面附黑油, SIZE:43.2*7.0*0.1mm	1PC	
1	COA11301A	Ø1.13mm Coaxial Cable同轴线（灰色） L=60.0mm	1PC	
NO.	Name	Finished	Q'ty	
				A4 Patrick Jerry Jammy



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Packing Specification

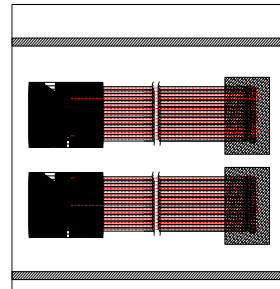
P/N	SY-W90PE9003G045C-L01	REV	A
ITEM	2.4GHz WIFI ANTENNA	CUS	/

The packaging steps and specifications are as follows:

1. Product Photos



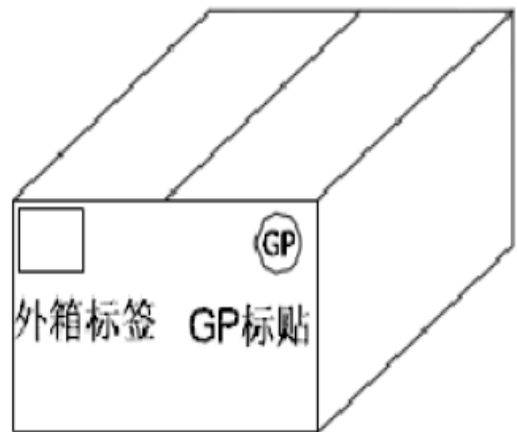
2. 100PCS/PE BAG



3. XXX PCS packed in one box, can be packaged according to the order quantity and the quantity that can be packed.



4. Put the packaging tape into the cardboard box and label it accordingly



核准: Jammy

审核: Jerry

制定: Patrick

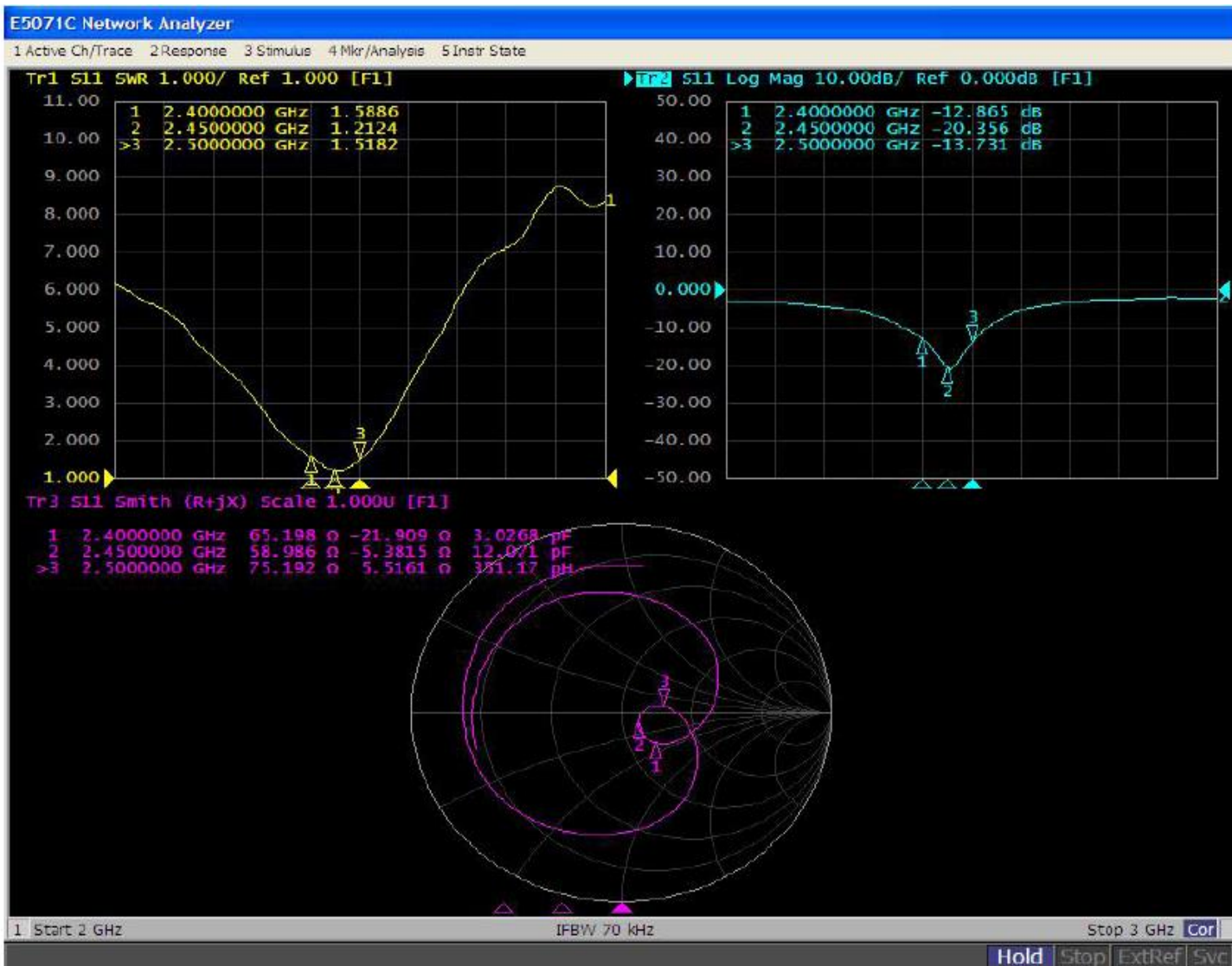


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Network Test

S-Parameters



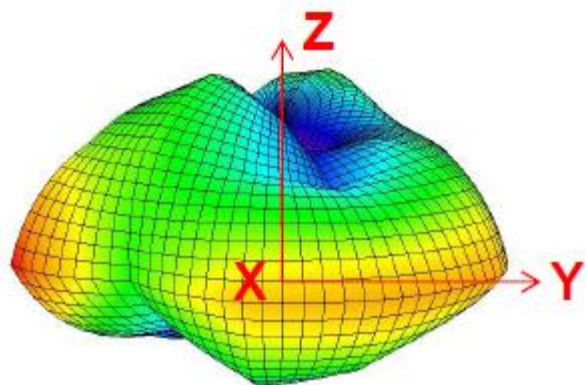


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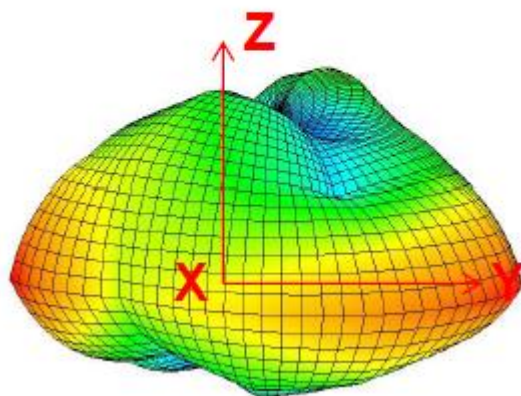
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Efficiency and Peak Gain

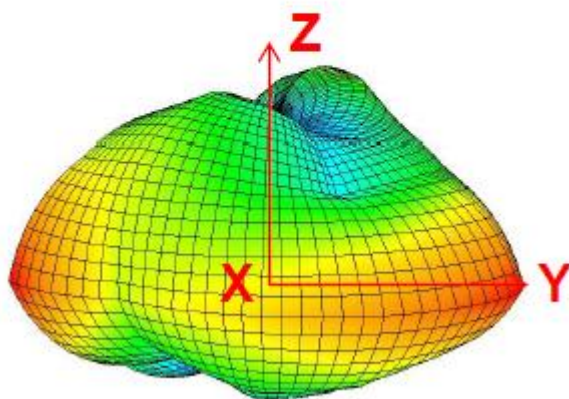
2400MHz



2450MHz



2500MHz



参数\频率(mhz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Peak Gain(dBi)	3.38	3.34	3.29	3.58	3.65	3.72	3.46	3.36	3.32	3.35	3.21
Efficiency(%)	71.85	73.73	71.68	77.16	78.12	79.18	74.32	73.69	73.86	72.56	69.89