

Type of antenna ;ROD Antenna

規格承認書
SPECIFICATION FOR APPROVAL

客 戶

CUSTOMER: _____

客 戶 料 号

CUSTOMER NO: _____

品 名

PART NAME: ROD Antenna

供 方 料 号 SY-Q804131BR002C-L01

SUPPLIER NO: _____

送样日期 Date: 2016-01-23

送样数量 Q'TY: PCS

客户确认 CUSTOMER APPROVED BY

APPROVAL

CHIEF

SUPERVISOR

供方确认 SUPPLIER SIGNATURE

APPROVAL

CHECK

DESIGN

Jammy

Jerry

Patrick

Address: Fuyi Industrial Park 403, Daling village,
Daling Mountain Town, Dongguan

承认书项目表Item list of the acknowledgement

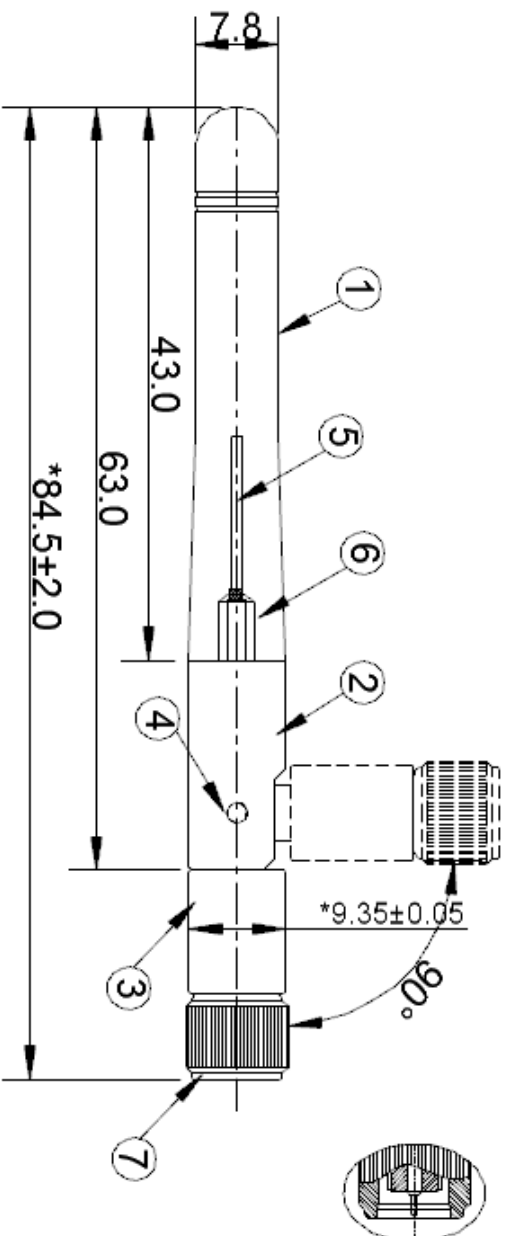
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产品图片 Product Pictures

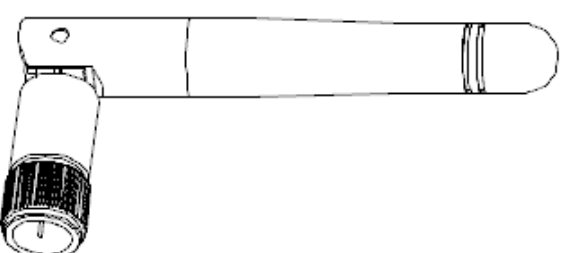


产品规格概述Product specification overview

Electrical Properties	
Frequency	2400~2500MHz
Impedance	50 Ohm Nominal
Return Loss	-10 DBi
VSWR	2.0MAX
Gain	2.97dbi
Connector	PLUG
Physical Properties	
Cable Type	RG-178 CABLE
Operating Temp.	-45 ~ +85 °C
Cable Color	Brown



Specification:
Frequency Rang:2.40~2.50GHz
Return Loss:-10dB or Less
VSWR:2.0MAX



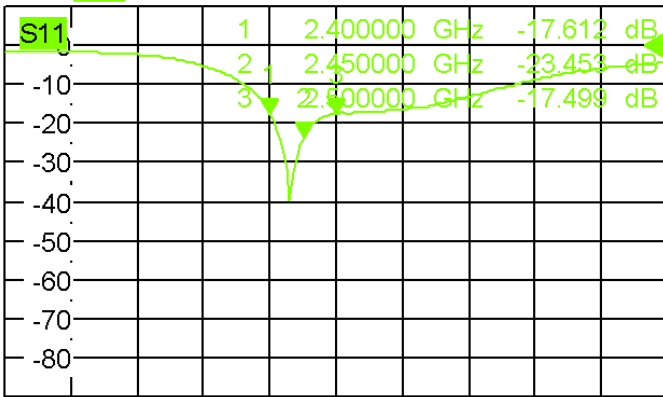
7	COA17801A	1PC
6	COP10109A.P01	1PC
5	CON10190A.P01	1PC
4	PLA10127A.B01	2PC
3	PLA10126A.B01	1PC
2	PLA10125A.B01	1PC
1	PLA10143A.B01	1PC
NO.	Name	Qty

		TOLERANCE UNLESS	
		OTHERWISE SPECIFIED	
		UNIT: ■	
		SHEET: 1/2	
SCALE: 1/1	X, Y ±0.5	DATE: 2014-08-01	
		CUSTOMER	
		PART NO	
		TITLE	2.4GHz WIFI 2dBi Antenna
		S.B.P/NO	SY-Q804131B003C-101
SIZE	DRAWN	CHECKED	APPROVED
A4			

网络测试 Network



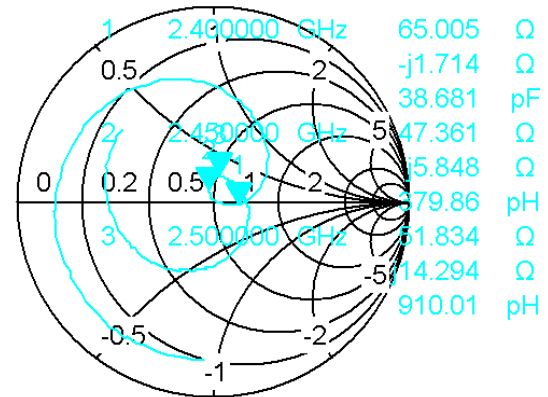
Trc1 **S11** dB Mag 10 dB / Ref 0 dB



Ch1 Start 2 GHz Pwr -10 dBm Stop 3 GHz

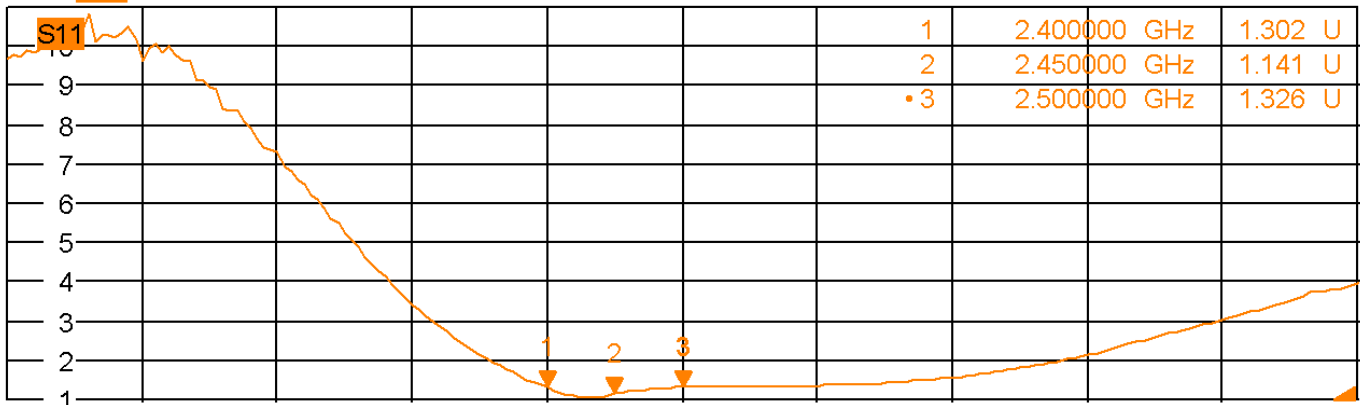
1 Trc2 **S11** Smith Ref 1 U

S11



Ch1 Start 2 GHz Pwr -10 dBm Stop 3 GHz

Trc3 **S11** SWR 1 U / Ref 1 U

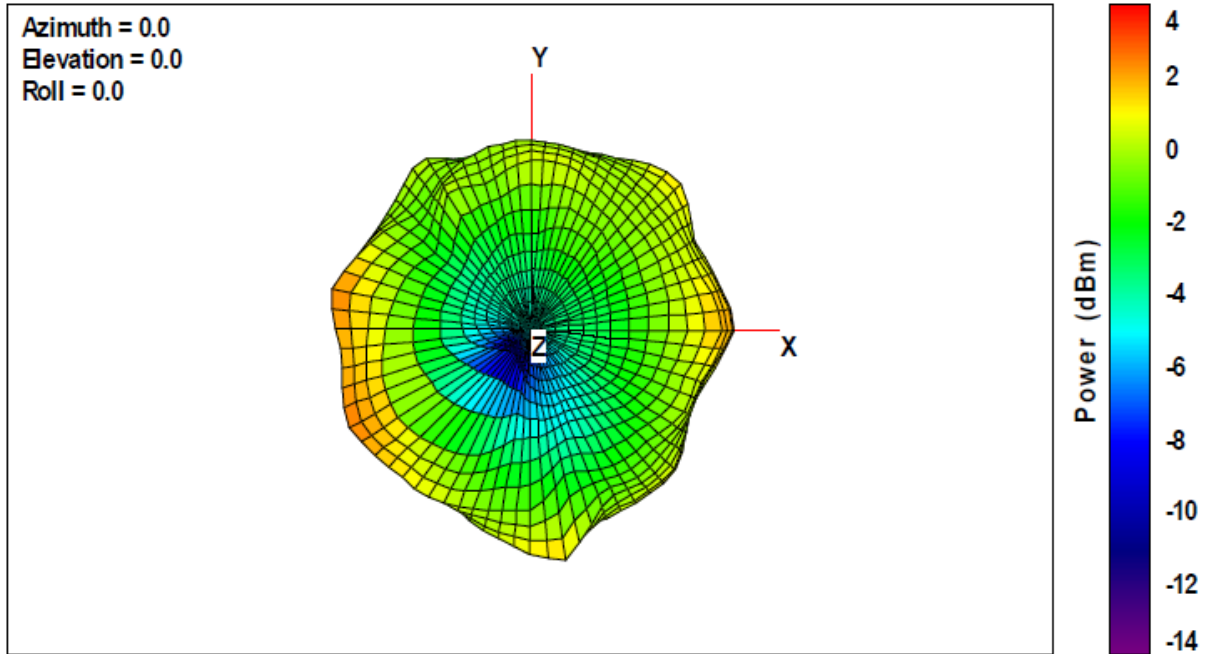


Ch1 Start 2 GHz Pwr -10 dBm

Stop 3 GHz

Gain测试

Total



Passive Test For wifi						
Freq (MHz)	Efficiency (%)	Peak EIRP (dBm)	Gain (dBi)	Gain (dBd)	AVG.Gain (dBi)	Directivity (dB)
2400	42.34	-3.73	2.21	0.06	-3.73	6.52
2410	43.17	-3.65	2.23	0.08	-3.65	8.11
2420	43.46	-3.62	2.23	0.08	-3.62	8.09
2430	45.22	-3.45	2.08	-0.07	-3.45	6.08
2440	45.10	-3.46	2.88	0.73	-3.46	6.27
2450	43.87	-3.58	2.57	0.42	-3.58	5.49
2460	42.75	-3.69	2.81	0.66	-3.69	6.98
2470	43.81	-3.58	2.97	0.82	-3.58	5.42
2480	44.90	-3.48	2.14	-0.01	-3.48	5.36
2490	45.84	-3.39	2.15	0	-3.39	5.03
2500	46.53	-3.32	2.63	0.48	-3.32	5.78