



Sample Approval Record

Log. No: 175A2017b1	Rev.: 5	Sheet: 1 of 5
Computime Description: ANTENNA VHF G-RG407-SFT047/50-83.0MM-00 ROHS		Computime P/N: 2431TRN105011B66
Manufacturer: BONDALE ELECTRONICS LTD		
Mfr. P/N: G-RG407-SFT047/50-83.0MM-00		
Design Group: HVA-HVA-ODM		
First Used on Model: TRN1050	Component Weight: .2g	UM: PC

Environmental Requirement /Comment and Remark:

- | | |
|---|--|
| <input type="checkbox"/> Lead-Free | <input type="checkbox"/> SONY SS-00259 |
| <input checked="" type="checkbox"/> RoHS (Directive 2011/65/EU) | <input type="checkbox"/> Samsung: Refer to SEC Registration No. 0QA-2049 |
| <input type="checkbox"/> EUPPW (Directive 94/62/EC) | <input type="checkbox"/> Parts of Automotive Products |
| <input type="checkbox"/> Battery Directive (Directive 2006/66/EC) | <input type="checkbox"/> Green Requirement (specify if check) |
| <input type="checkbox"/> Attached Sample | <input type="checkbox"/> Others (specify if check) |
- Others refer to last version, Only update attachment drawing and CA QTY from 31700 to 34700.

Approval Status: (Please check the selected box)

- | | | |
|---|-----------|-----------------------|
| <input type="checkbox"/> MR - Material Release | Qty: | / Total MR Qty: |
| <input checked="" type="checkbox"/> CA - Conditional Approval | Qty: 3000 | / Total CA Qty: 34700 |
| <input type="checkbox"/> AP - Approved | | |
| <input type="checkbox"/> FL - Fail | | |

Supporting Documents of Lead-Free/RoHS/Green parts:

(Please circle the selected option number and check the available supporting documents)

	Option				
	1	2	③	4	5
Vendor Declaration Use of RoHS Material or Manufacturer Declaration Letter	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Recognized Laboratory Lead-Free/RoHS/Green Report (parts)	<input type="checkbox"/>				
Lead-Free/RoHS/Green Manufacturer List		<input type="checkbox"/>			
Lead-Free/RoHS/Green mark on Published specification for particular part/board or Public Material Content Report		<input type="checkbox"/>			
Recognized Laboratory Raw Material Report or Raw Material Mfr. in "Lead-Free/RoHS/Green Manufacturer List"			<input checked="" type="checkbox"/>		
Computime RoHS Process Assessment			<input checked="" type="checkbox"/>		
COMPUTIME Supplier's Qualification Audit Report				<input type="checkbox"/>	<input type="checkbox"/>
RoHS Analysis Report				<input type="checkbox"/>	<input type="checkbox"/>
Customer Agreement				<input type="checkbox"/>	

Prepared by:

Daniel Huang
Date: Mar. 20, 2017
Name: Daniel Huang

Reviewed by:

HN WU
Date: Mar 21, 2017
Name: HN WU

Approved by:

HN WU
Date: Mar 21, 2017
Name: HN WU

VP of Engineering:

Head of SBU:

Business VP:

Manufacturing VP:

COO:

Date:
Name:

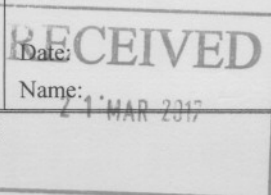
Date:
Name:

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Date:
Name:

Form No.: F-ENG-1001S



SZDCC-BJ

21 MAR 2017



Bondale Electronics Ltd.

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COVER OF SPECIFICATION 规格书

No.: SA1700013

CUSTOMER'S NAME :

客户名称

金宝通

CUSTOMER'S MODEL NO. :

客户型号

CUSTOMER'S PART NO. :

客户料号

PRODUCT NAME :

产品名称

Coxial Cable

OUR MODEL NO. :

本公司型号

G-RG407-SFT047/50-83.0MM-00

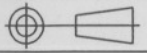
This Specification is Composed of Under Listed (Samples be attached)

本规格书由以下内容组成(样品另附) :

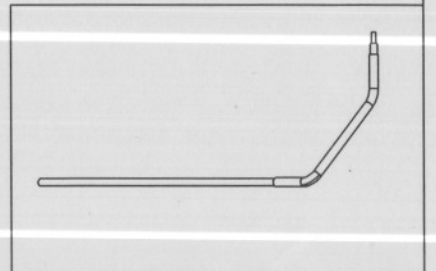
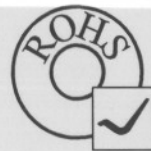
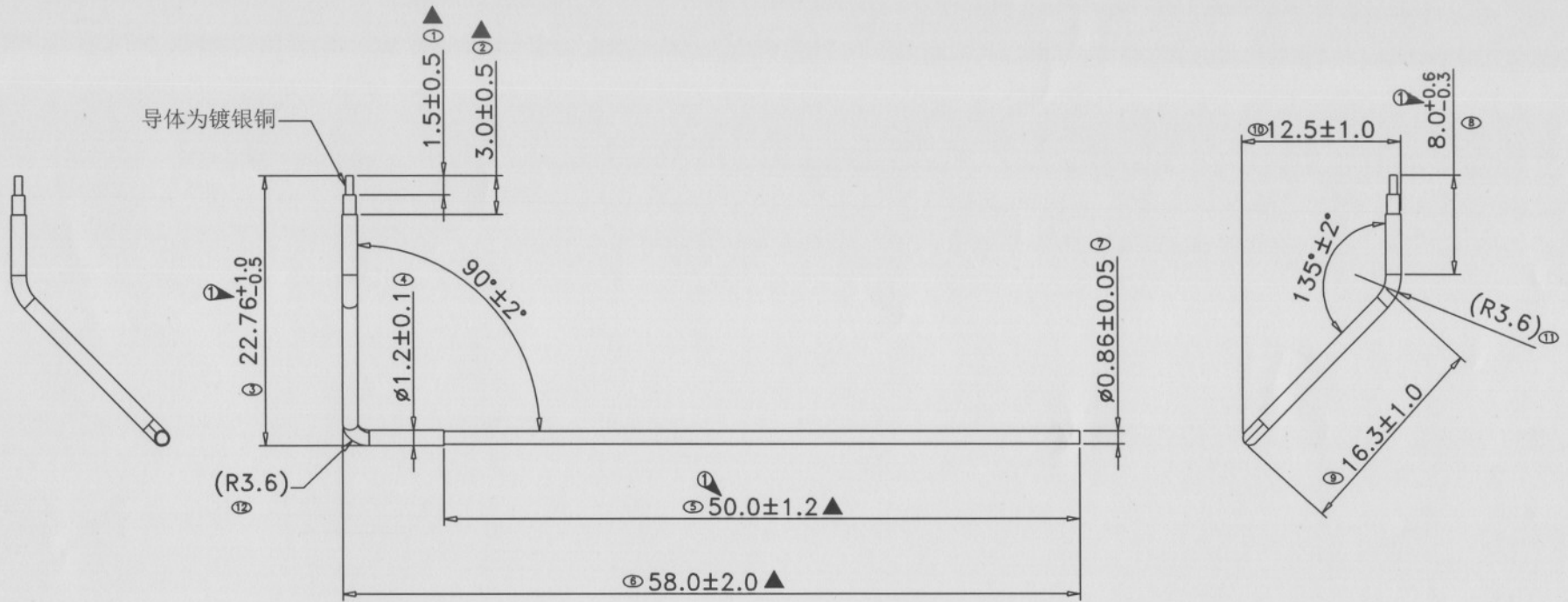
NO.	Items(项目)	Pages(页码)
1	Certificate Of Conformance ROHS(环保证明书)	1
2	Product Drawing (产品图)	1
3	Specification of Product(产品规格书)	1
Total pages(包含本页)		共 4 页

Please fax back this brefile page with authorized signature and company chop as customer's approval on samples,Thanks! (如果此产品得到您的确认,请传回本页给我们.)

Customer Sign 客户签名	Customer Company Chop 客户公章
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REV.	ISSUE FOR	OLD DRAWING NO.	DATE	APPROVED
①	应客户实际组装要求将 7.6 ± 0.5 改为 8.0 ± 0.5 ; 22.76 ± 1.0 改为 22.76 ± 1.0 ; 50.0 ± 1.5 改为 50.0 ± 1.2 .	G-RG407-SFT047/50-83.0MM-00(A)	17/03-17	陆东



NOTES:

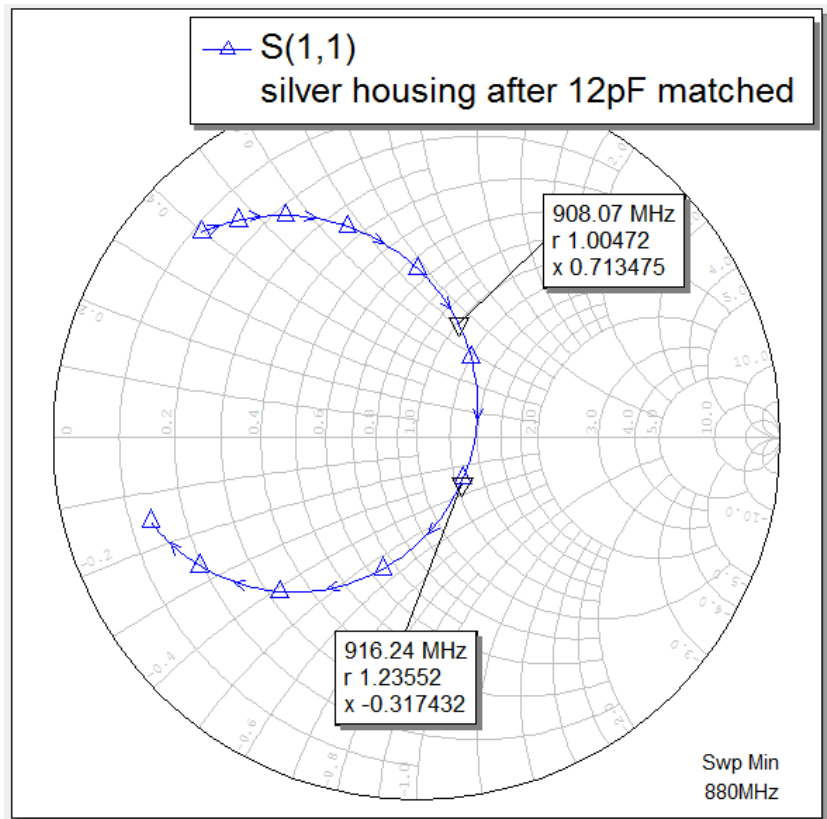
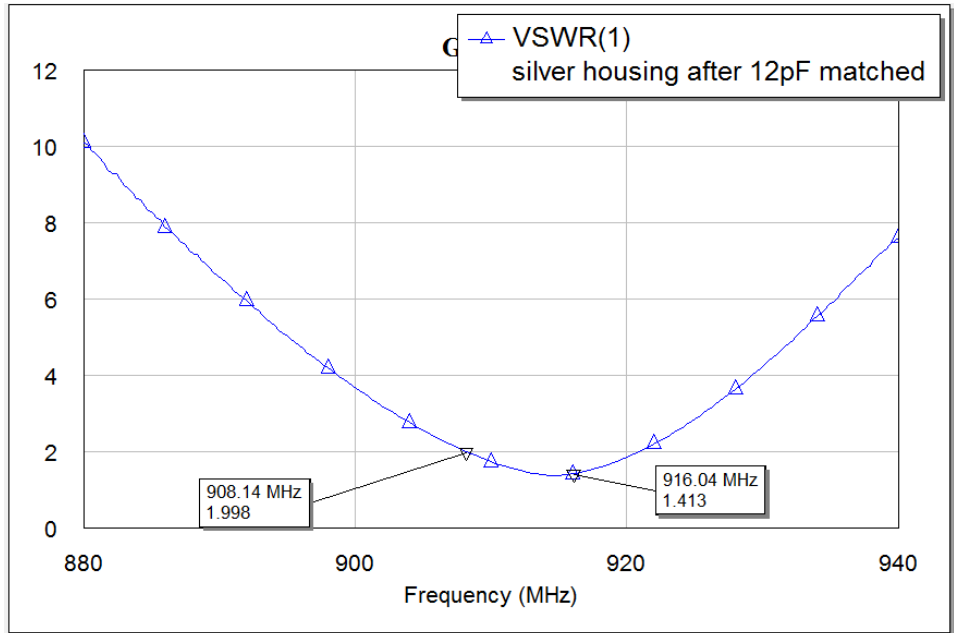
1. 同轴线为RG407-SFT047/50, 阻抗为50 Ω.
2. 同轴线表面不能有油污、严重刮伤以及弯曲断裂.
3. ▲为重点管控尺寸.

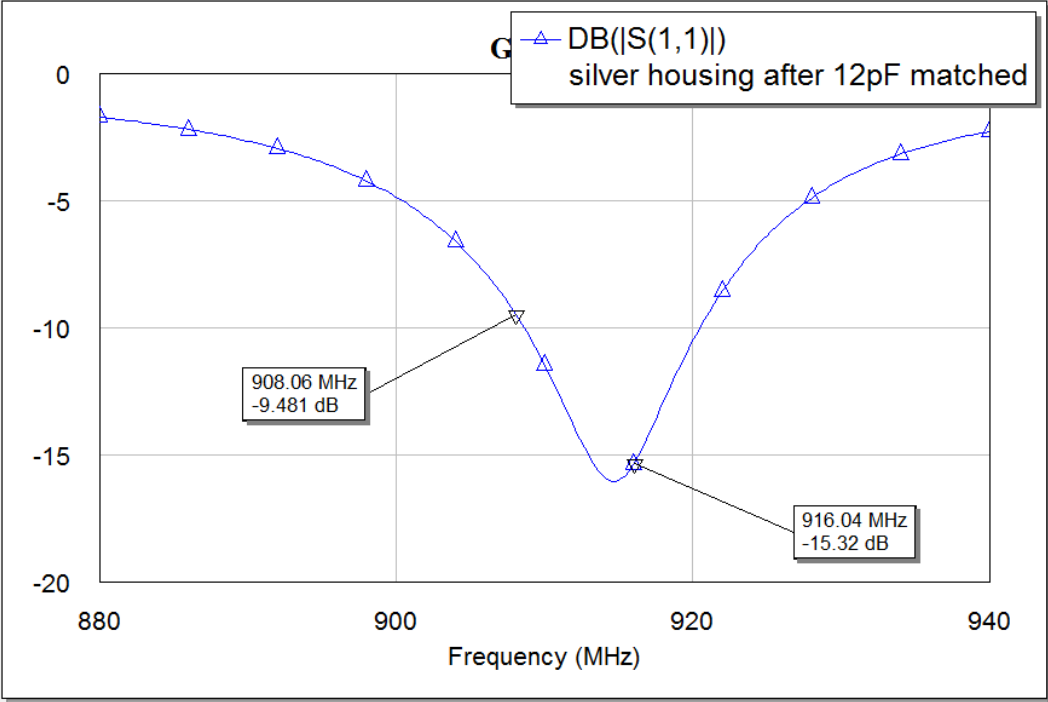
25<L<=80	±0.50	TITLE	G-RG407-SFT047/50-83.0MM-00	REV	SCALE	2 : 1	DRAWN	陆东	14/03-17
8<L<=25	±0.30	PART NAME	Coaxial Cable	B	MATERIAL		INSPECTED		
L<=8	±0.20	BONDALE ELECTRONICS LTD.			HANDLING		APPROVED		
线性尺寸L	未注尺寸偏差				DRAWING NO.	G-RG407-SFT047/50-83.0MM-00			

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Passive performance test parameters

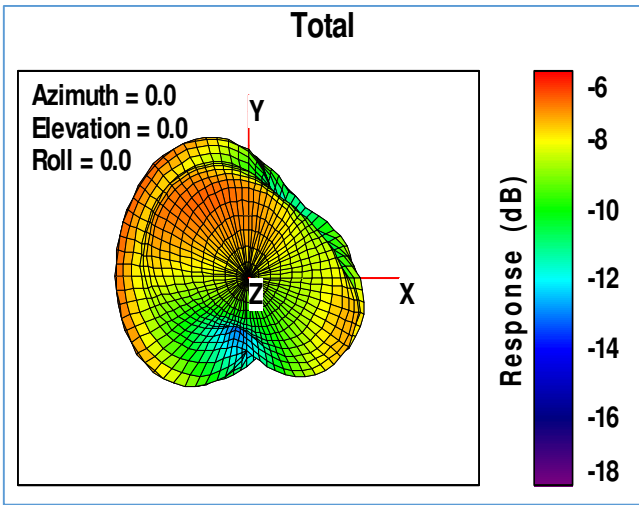
Frequency(MHz)	908.14		916.04
VSWR (Silver housing)	1.998		1.413



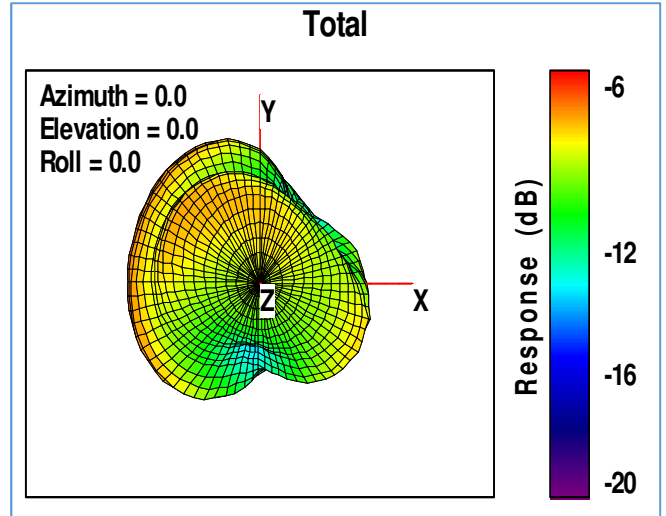


2D、3D Performance figure

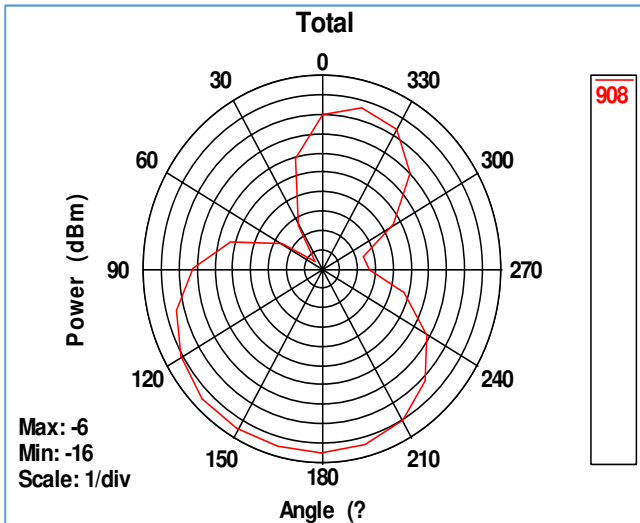
Frequency (MHz)	Efficiency (dB)	Efficiency (%)	Gain (dBi)
908	-8.9	12.9	-6.6
916	-9.5	11.2	-6.8



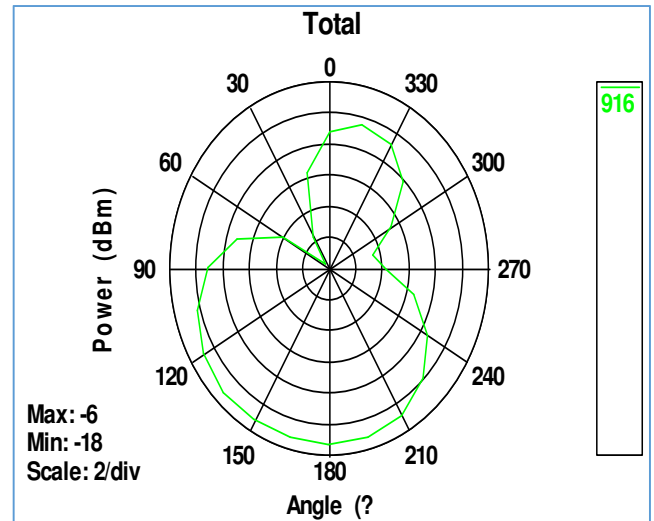
908MHz 3D



916MHz 3D



908MHz 2D
 Theta=90deg



916MHz 2D
 Theta=90deg

Electrical performance test report

Electrical parameters		
Frequency range	908MHz-916MHz	
input impedance	50Ω	
VSWR	<2.0 control sample test pater	
Gain	Max	-6.6dBi
Polarization mode	Vertical polarization	
Radiation direction	omnidirectional	
connection method	Manual solder	
The mechanical parameters		
Product NO.	G-RG407-SFT047/50-83.0MM-00	
Environmental parameters		
Working temperature	-55~125°C	

**BONDALE****Bondale Electronics Ltd.****博钜电子有限公司**

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产品规格 Product Type		G-RG407-SFT047/50-83.0MM-00		
结构特性 Structure Characteristics				
结构Structure	项目Item	标准值Standard Value		
内导体 Inner Conductor	材质Material	镀银铜SC		
	结构Construction(mm)	1/0.29		
	标称外径Nom.Dia(mm)	0.29±0.02		
绝缘层 Insulation	材质Material	聚四氟乙烯PTFE		
	标称外径Nom.Dia(mm)	0.94±0.05		
外导体 Outer Conductor	材质Material	无缝退火紫铜管Copper Tube		
	标称外径Nom.Dia(mm)	1.19±0.10		
电气性能 Electrical Characteristics				
项目 Item	标准值 Standard Value	项目 Item	频率 Frequency	标准值 Standard Value
阻抗Impedanc(Ω)	50±2	衰减 Attenuation@20 ⁰ C (dB/m)	0.5GHZ	0.79
电容Capacitance(pF/m)	95		1.0GHZ	1.13
速率Velocity(%)	70		5.0GHZ	2.59
延时Signal Delay(ns/m)	4.7		10.0GHZ	3.74
最大工作电压Max.Operating Voltage(V)	1000		20.0GHZ	5.44
最大工作频率Max.Operating Frequency(GHZ)	20			
屏蔽衰减Screening Effectiveness(dB)	100			
可靠性Dependability				
最小弯曲半径(单次)Min.Bending Radius/Single		mm	4.2	
工作温度范围Operating Temperature		oC	-55-+125	
使用提示Trips for Use				
存储环境Storage Environment	温度:30°C以下,湿度:20-65%			
其他(Others): 规格书的任何修改必须经我们同意 (Any modification of specification has to be agreed by us) .				
制表(Prepared by):		审核(Checked by):		批准(Approval):

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