



Bondale Electronics Ltd.

博钜电子有限公司

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COVER OF SPECIFICATION 规格书

No.: SA0800034(1)

CUSTOMER'S NAME :

客户名称

Worth Data, Inc

CUSTOMER'S MODEL NO. :

客户型号

CUSTOMER'S PART NO. :

客户料号

PRODUCT NAME :

产品名称

Rubber Antenna

OUR MODEL NO. :

本公司型号

G-RA0K90027008-00263

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 (规格书内容)	1
4	Capability Test Report (性能测试报告)	4
Total pages(包含本页)		共 8 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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TO: Worth Data, Inc **DATE:** 2023-12-26
File NO.: SA0800034(1)

CERTIFICATE OF CONFORMANCE ROHS

Customer Part No. : _____

Bondale Part No. : G-RA0K90027008-00263

Description : Rubber Antenna

We, Bondale Electronics Ltd. assured that the above mentioned item: G-RA0K90027008-00263 is fully comply with the EU directive 2011/65/EU, (EU)2015/863 and packaging directive 94/62/EC and that its content of hazardous substances is below the values as listed:

ROHS critical values:

*Cadmium(Cd)		under 100 ppm	
*Lead (Pb)	Generally	under 1,000 ppm	
	Be Exempted	<i>Products that contain Copper alloy components</i>	under 40,000 ppm
		<i>Product that contain Steel alloy components</i>	under 3,500 ppm
		<i>Product that contain aluminum alloy components</i>	under 4,000 ppm
*Mercury (Hg)		under 1,000 ppm	
*Hexavalent Chormium (Cr6+)		under 1,000 ppm	
*PBBs		under 1,000 ppm	
*PBDEs		under 1,000 ppm	
*DEHP		under 1,000 ppm	
*BBP		under 1,000 ppm	
*DBP		under 1,000 ppm	
*DIBP		under 1,000 ppm	

Packaging directive 94/62/EC critical values:

*Packaging (Pb + Cd +Hg +Cr6+) under 100 ppm

Expepted below:

If the above mentioned item is reprocessed by customer, we wouldn't promise and assure the content of hazardous substances of the product item.

On behalf of

Bondale Electronics Ltd.

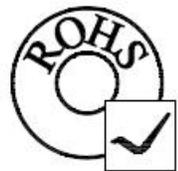
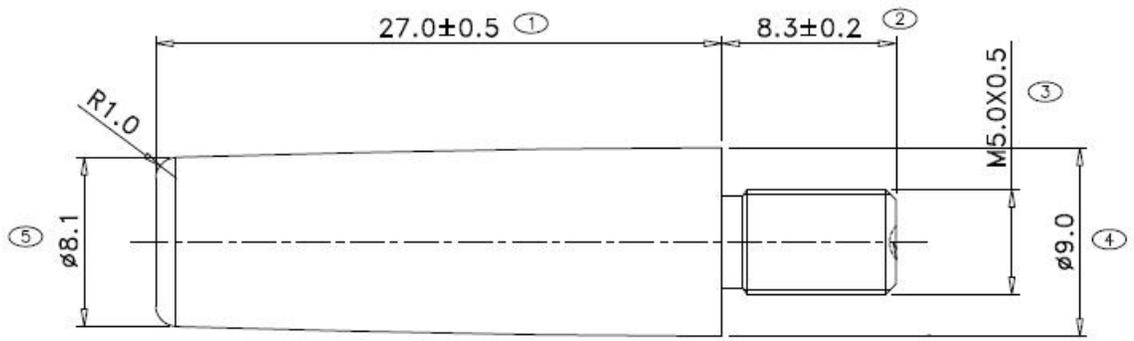
ROHS green chop and GPMS spokesman sign(Rohs綠色印章 + GPMS負責人簽名):

Yours sincerely,

---GREEN PRODUCT MANAGEMENT SYSTEM (GPMS)---

---綠色產品管理系統---

80<L<=250	±0.50
25<L<=80	±0.40
8<L<=25	±0.30
L<=8	±0.20



<i>TITLE</i>	Rubber Antenna		<i>SCALE</i>	1 : 1	<i>DRAWN</i>		18-04-22
<i>PART NAME</i>	G-RA0K90027008-00263	B	<i>MATERIAL</i>		<i>INSPECTED</i>		
<i>BONDALE ELECTRONICS LTD.</i>			<i>HANDLING</i>		<i>APPROVED</i>		
			PROJECTION			<i>SHEET</i>	

RUBBER ANTENNA SPECIFICATION

Customer : Worth Data, Inc.

Specification No.: SA0800034(1)

Model No.: G-RA0K90027008-00263

1, Application

The antenna specified in this specification is applicable for the transceiver

2, Dimensions

As per Drawing No. G-RA0K90027008-00263 attached.

3, Materials

As specified in drawing No. G-RA0K90027008-00263

4, Electrical Characteristics

- i) Resonate Frequency : 902~928 MHz
- ii) Impedance : 50 ohm Nominal
- iii) Radiation Pattern : Omni Directional
- iv) Polarization : Vertical
- v) Standing Wave Ratio (S.W.R): 2.0 or less at Resonate point
- vi) Insulation resistance : 500 M ohm at DC 500V

5, Mechanical characteristics:

The strength of fixing between sleeve and stud shall withstand the following stresses

Vertical Direction : 2 kg

Rotating Direction: 2 kgf.cm

6, Others:

Any modification of this specification has to be agreed by us

Prepared By:

Checked By:

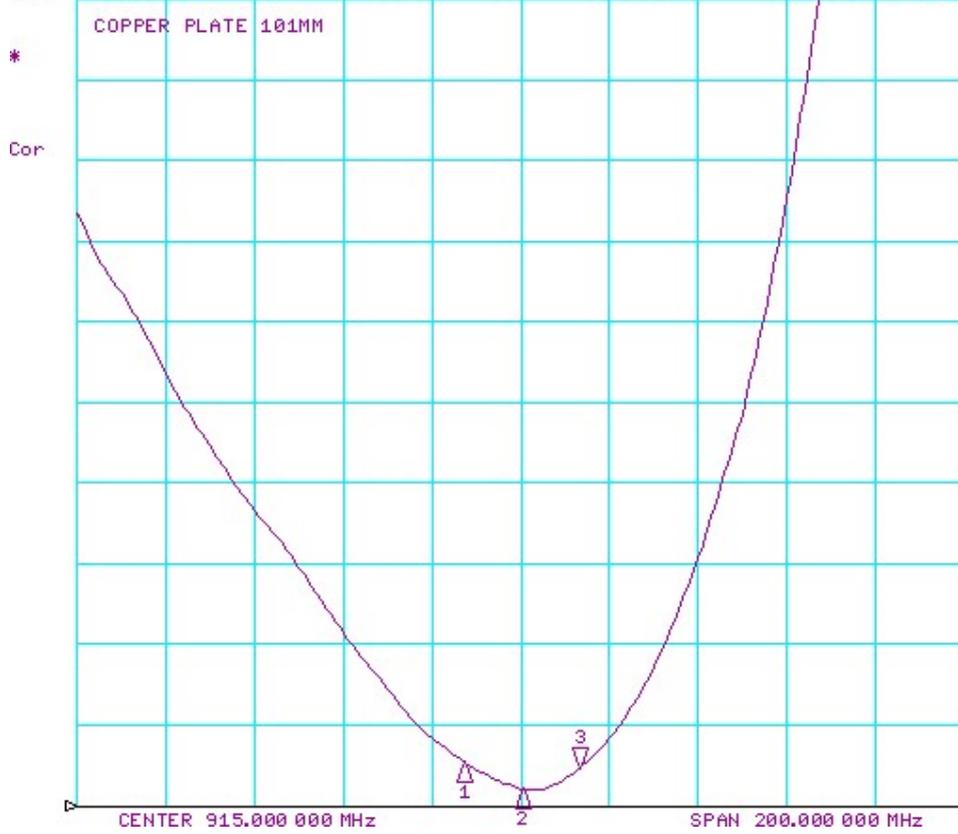
Approval:

Capability Test Report

Specification NO.: SA0800034(1)
Model NO.: G-RA0K90027008-00263

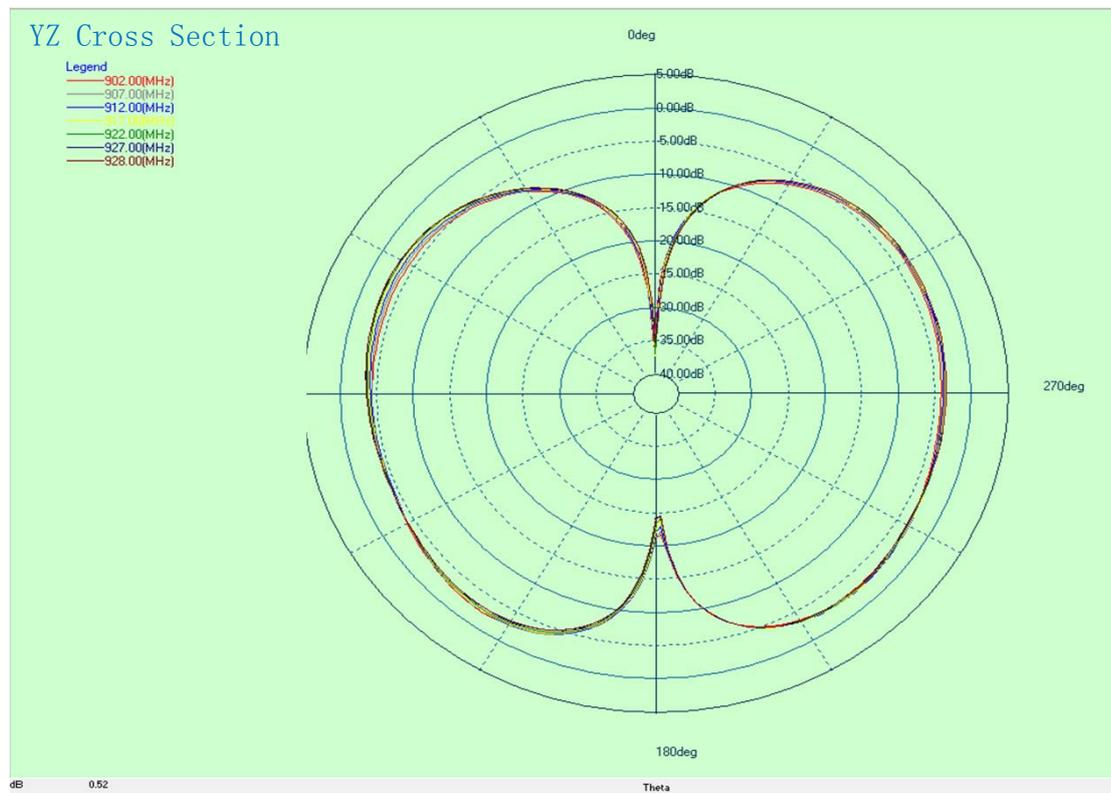
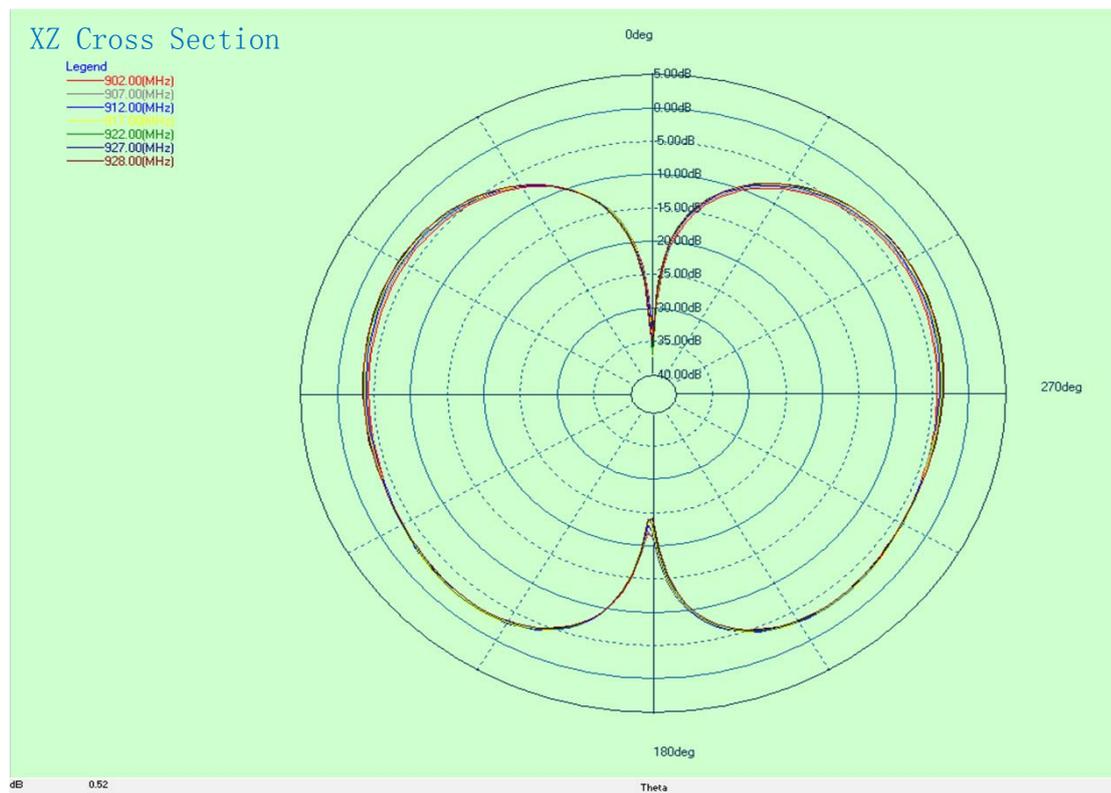
3 Mar 2008 16:17:01

CH1 S11/M SWR 1 / REF 1 3: 1.4607 928.000 000 MHz

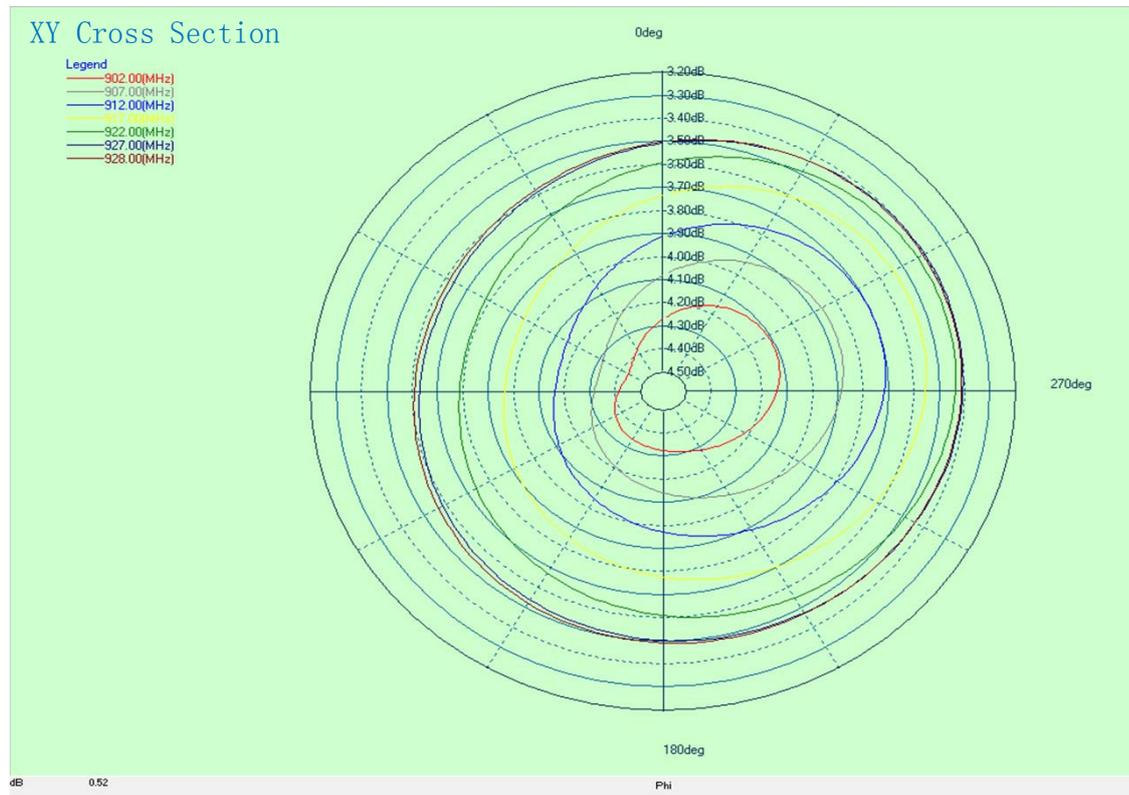


CH1 Markers
1: 1.5402
902.000 MHz
2: 1.2076
915.000 MHz

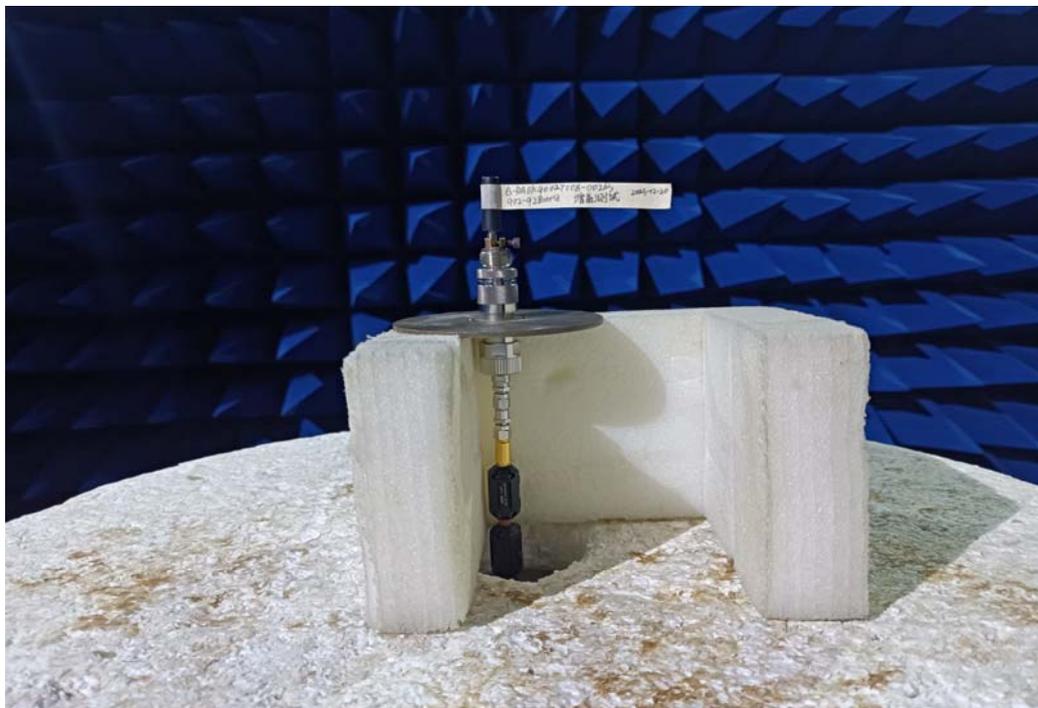
Gain Test Data



Gain Test Data



Gain Test Method



Gain, Efficiency Data		
G-RA0K90027008-00263		
Frequency	Gain (dBi)	Efficiency
902MHz	-2.57	36.92%
907MHz	-2.56	38.23%
912MHz	-2.53	39.16%
917MHz	-2.56	40.12%
922MHz	-2.67	40.74%
927MHz	-2.80	40.79%
928MHz	-2.78	40.72%