Bondale Electronics Ltd.

Unit11， 12/F, BLK B Veristrong ind. Ctr, 34-36 Au Pui Wan Street, Fo Tan Shatin, N.T. HK
Tel: 852 2345 0215 Fax: 852 27978191
Email: antenna@bondale.com
Website: www.bondale.com

COVER OF SPECIFICATION

No.: AN04201

CUSTOMER'S NAME : Pasgao Electronics Technology CO., LTD

CUSTOMER'S MODEL NO . :

CUSTOMER'S PART NO. :

PRODUCT NAME : Rubber Antenna

OUR MODEL NO. : G-RA0B13200418-JM028

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

NO.	Items	Pages
1	**Certificate Of Conformance ROHS**	1
2	Product Drawing	1
3	Specification of Product	1
4	Capability Test Report	3
	Total Pages(Including)	7

Please fax back this brefile page with authorized signature and company chop as customer's approval on samples,Thanks!

Customer Sign		Customer Company Chop	

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Email: antenna@bondale.com
Website: www.bondale.com

TO: Pasgao Electronics Technology CO.,LTD

DATE: 2021-05-28
File NO.: AN04201

CERTIFICATE OF CONFORMANCE ROHS

Customer Part No. :
Bondale Part No. : G-RA0B13200418-JM028
Description : Rubber Antenna

We, Bondale Electronics ltd. assured that the above mentioned item G-RA0B13200418-JM028 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	*Products that contain Copper alloy components*	under 40,000 ppm
		Product that contain Steel alloy components	under 3,500 ppm
		Product that contain aluminum alloy components	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

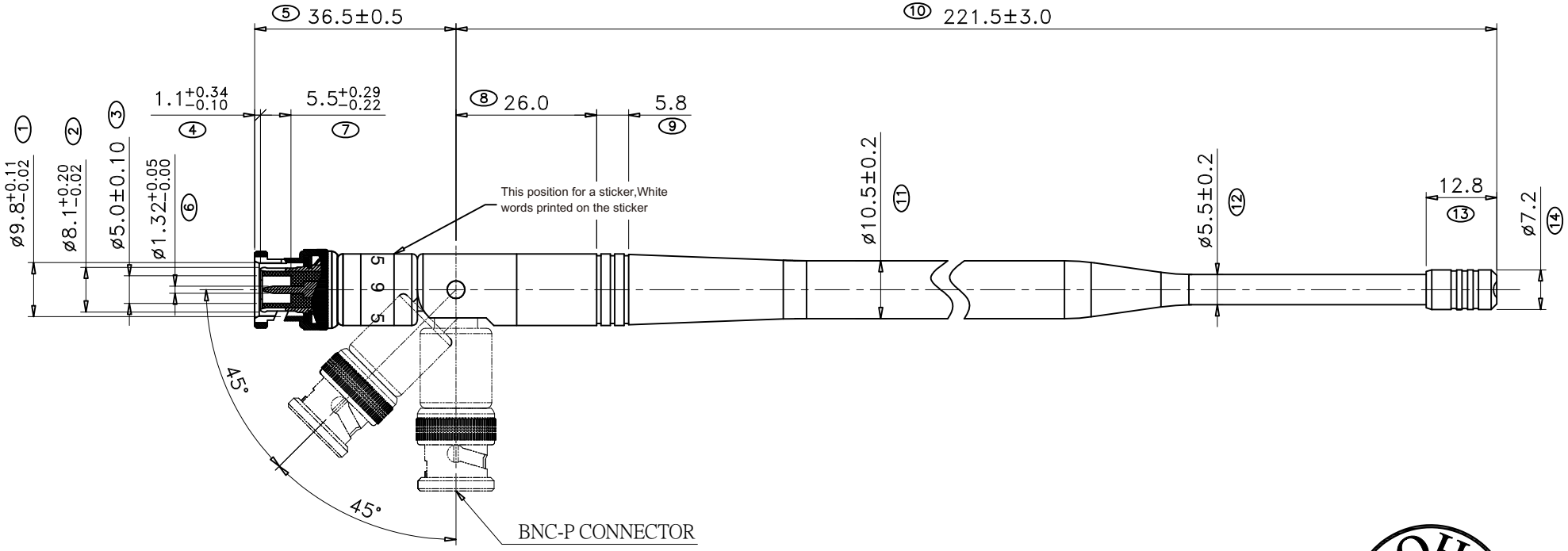
Expemted below:
If the above mentioned item is reprocessed by customer, we wouldn't promise and assure the content of hazardous substances of the product item.

On behalf of
Bondale Electronics Ltd.
ROHS green chop and GPMS spokesman sign
Yours sincerely,

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

REV.	ISSUE FOR	OLD DRAWING NO.	APPROVED

80<L<=250	±0.50
25<L<=80	±0.40
8<L<=25	±0.30
L<=8	±0.20
Linear dimension	Undeclared dimension deviation
No tolerance indicated	



Notes:

1.The color of the rubber hosing is black

2.Connector: BNC-P, black chrome plated on the surface

3.Operating frequency:595±15 Mhz

4.On the surface of antenna connector is pasted a sticker which is black background with 595MHz white font

TITLE	Rubber Antenna	VER.	SCALE	1 : 1	DRAWN	Lu Dong	26/05-21
PART NAME	G-RA0B13200418-JM028	A	MATERIAL		INSPECTED		
BONDALE ELECTRONICS LTD.			HANDLING		APPROVED		
			PROJECTION		SHEET		

RUBBER ANTENNA SPECIFICATION

Customer : Pasgao Electronics Technology CO., LTD
Specification No.: AN04201
Model No.: G-RA0B13200418-JM028

1, Application

The antenna specified in this specification is applicable for the radio-communication

2, Dimensions

As per Drawing No. G-RA0B13200418-JM028 attached.

3, Materials

As specified in drawing No. G-RA0B13200418-JM028

4, Electrical Characteristics

i) Resonate Frequency : 595±15MHz.
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: 2.0 kg
Rotating Direction: 2.0 kgf.cm

6, Others:

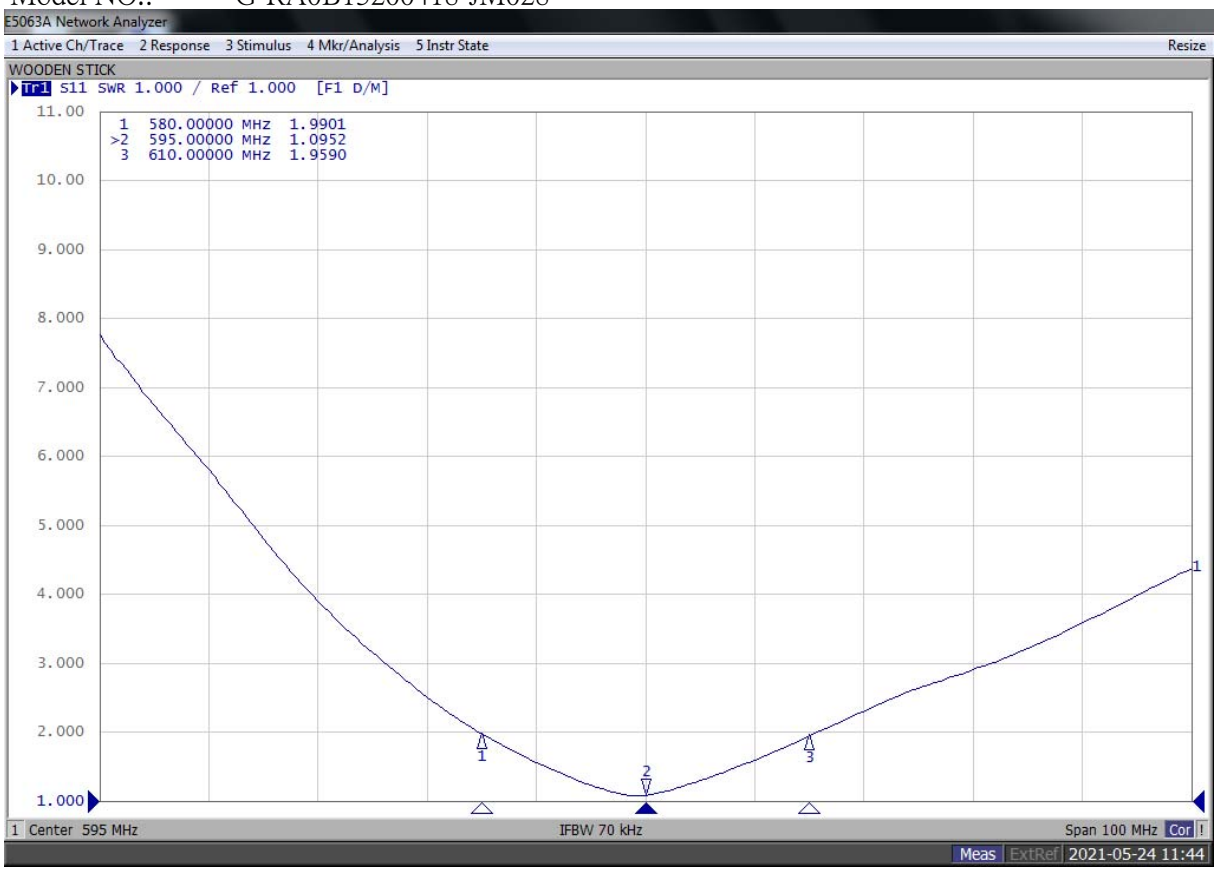
Any modification of this specification has to be agreed by us

Prepared By: Checked By: Approval:

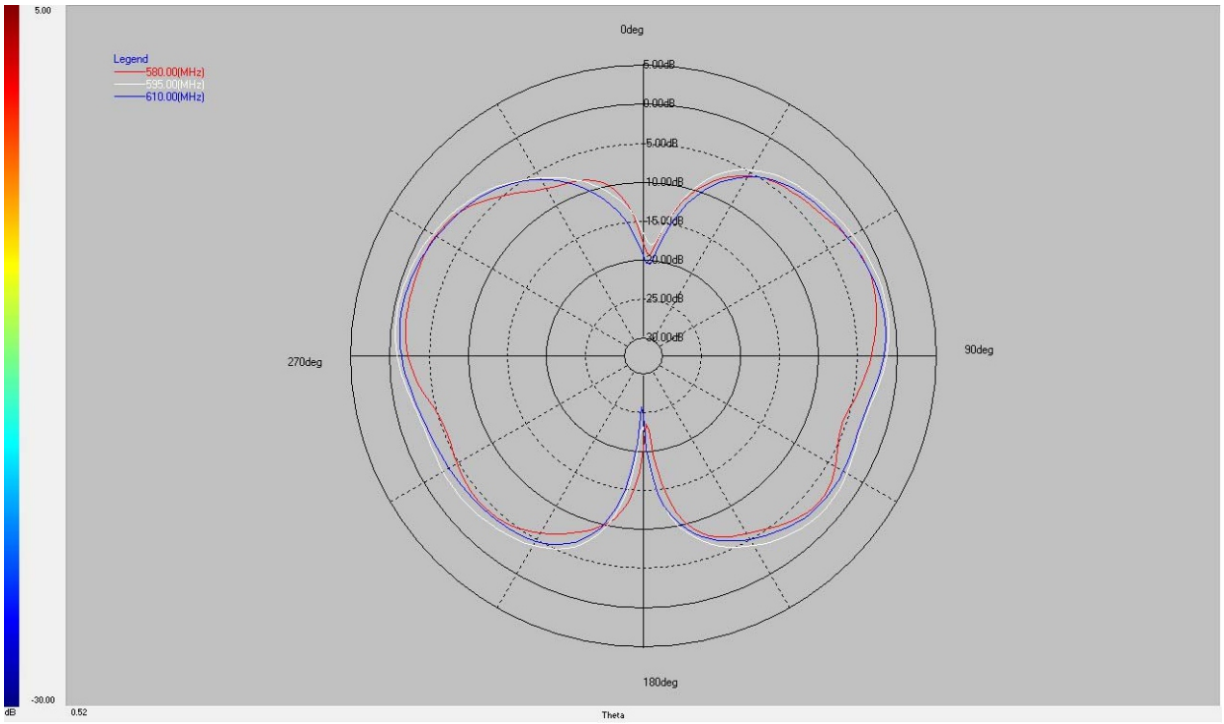
Capability Test Report

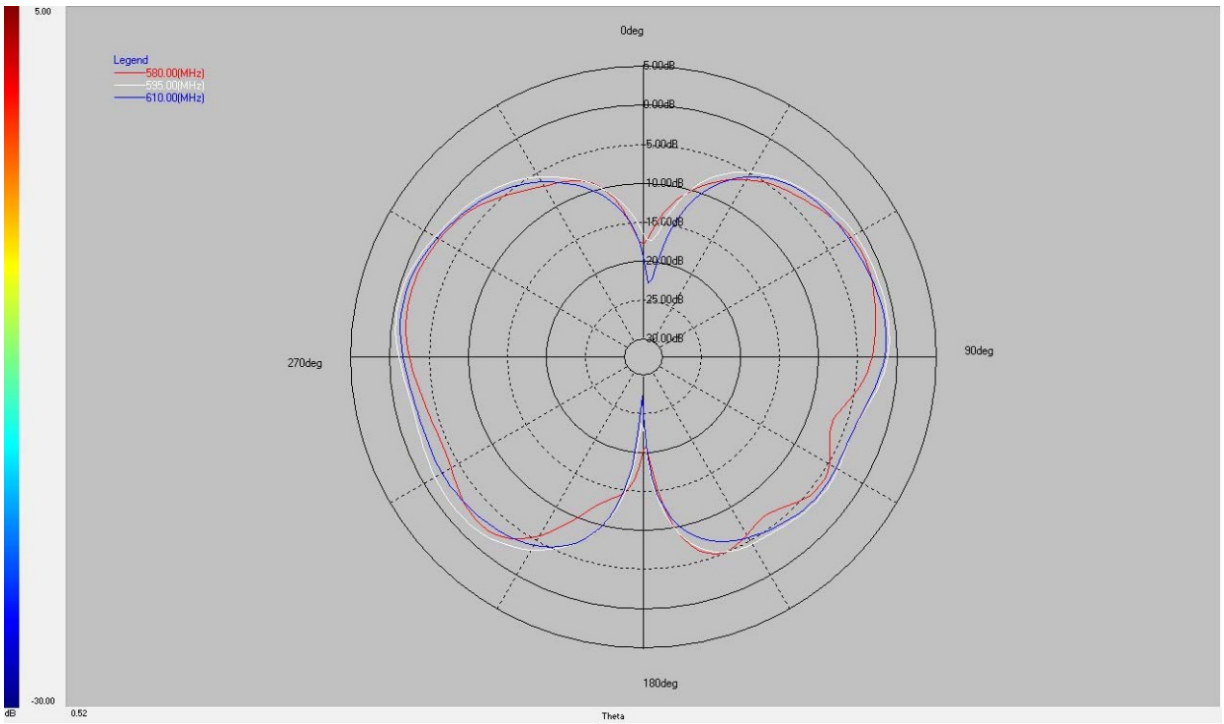
Specification NO.: AN04201

Model NO.: G-RA0B13200418-JM028

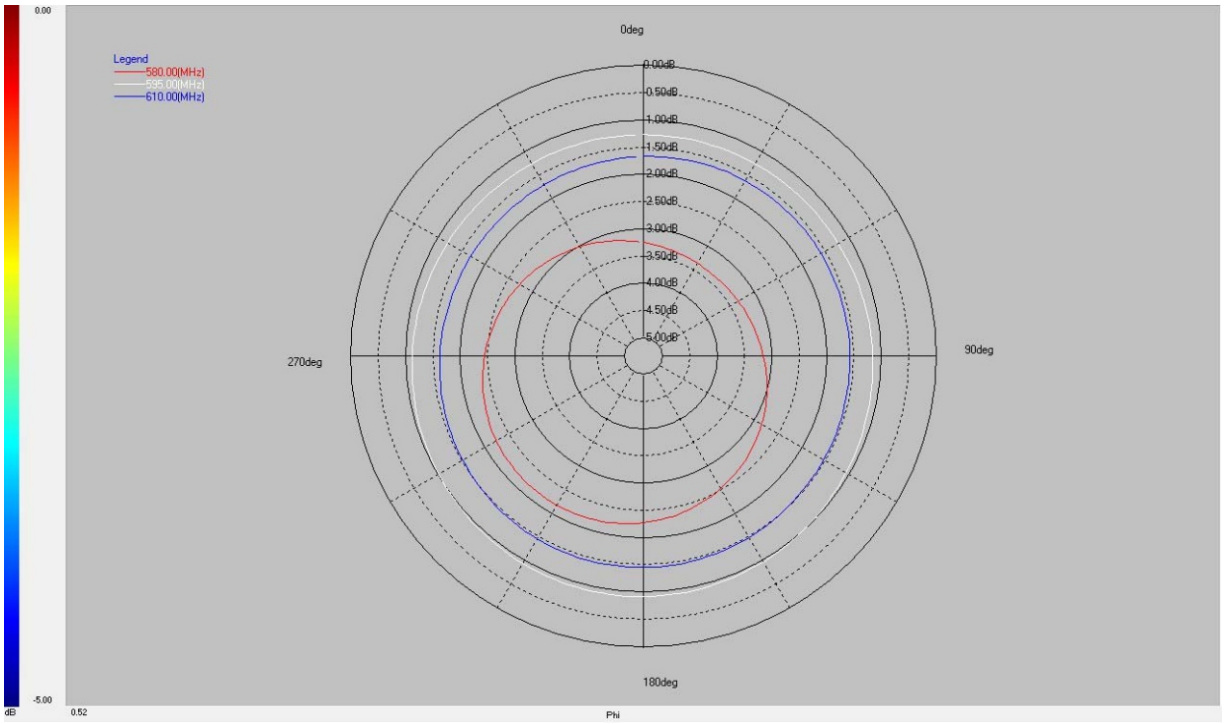


Directional Diagram





Directional Diagram



Gain Test Data

G-RA0B13200418-JM028		
Frequency	Gain （dBi）	Efficiency
580MHz	-1.41	42.19%
595MHz	-0.25	57.63%
610MHz	-0.83	50.21%