



WHA YU INDUSTRIAL CO., LTD.(HEAD OFFICE)



DONGGUAN AEON TECH CO.,LTD.(CHINA)

### SPECIFICATION FOR APPROVAL

**CUSTOMER:** 星縱智能

**PART NAME:** RF Antenna Assembly

**PART NO.:**

**REVISION:**

**W. Y. P/NO.:** C4254-510037-A(SSR-220281)

**REV.:** XI

	MANUFACTURER SIGNATURE	CUSTOMER SIGNATURE
APPROVED BY :		
DATE :		

## WHA YU GROUP

WHA YU INDUSTRIAL CO., LTD.(HEAD OFFICE)

譚裕實業股份有限公司

Address: No. 326,Sec. 2,Kung Tao 5 Road, Hsin Chu City, Taiwan, R.O.C.

Tel:+886-3-5714225(REP.) Fax:+ 886-3-5713853 · + 886-3-5723600

DONGGUAN AEON TECH CO.,LTD.(CHINA)

東莞台霖電子通訊有限公司

Address:Hupan Industrial District,Tai Ling Shan Town,Dong Guan City,Guangdong,China

Tel:+86-769-85655858 Fax:+86-769-85655258

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# RF Antenna Assembly

## Specification

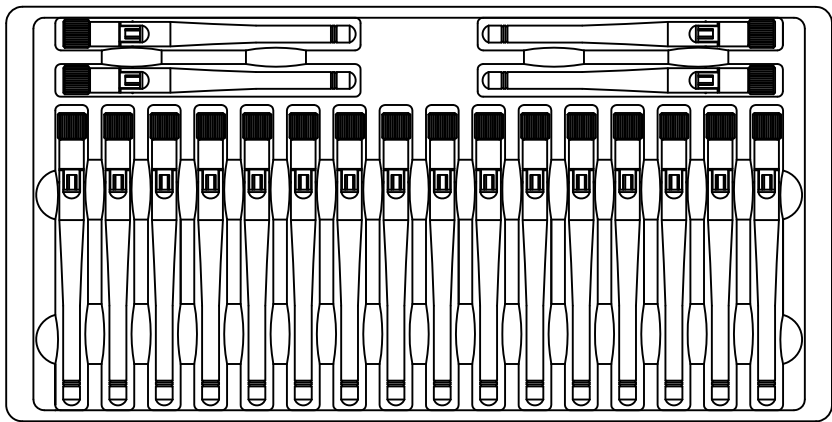
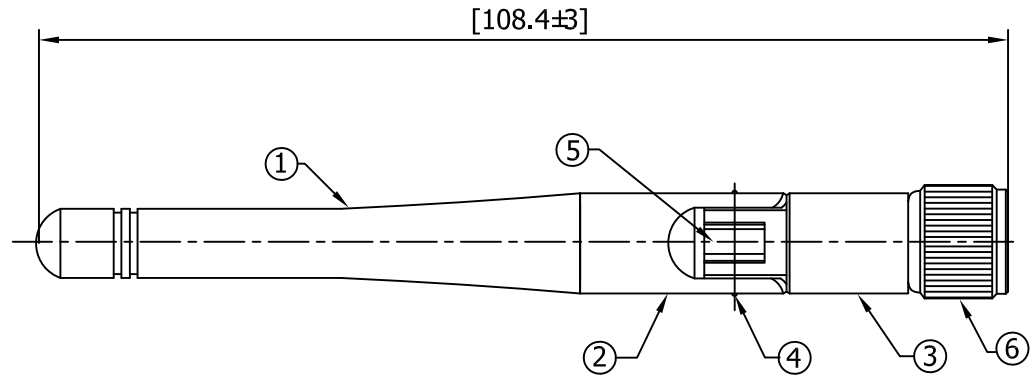
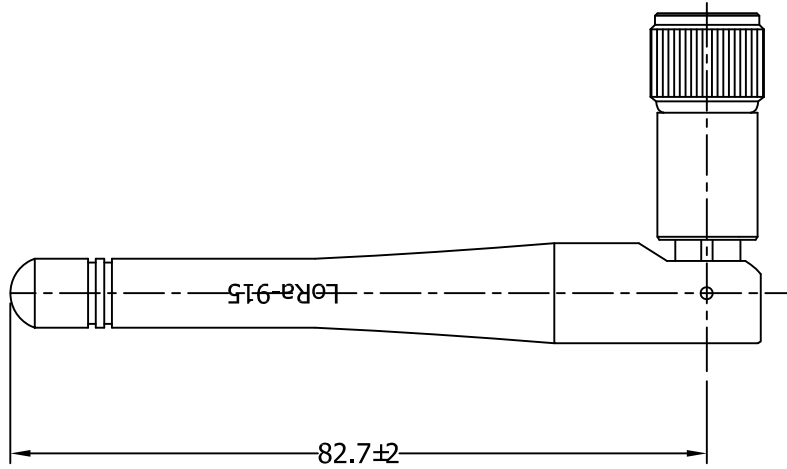
### 1. Electrical Properties :

- 1.1 Frequency Range..... 902~928MHz
- 1.2 Impedance ..... 50Ω Nominal
- 1.3 VSWR ..... 2.2:1 Max.
- 1.4 Return Loss..... 8.5 dB Min.
- 1.5 Radiation ..... Omni-directional
- 1.6 Gain(peak)..... 1dBi
- 1.7 Polarization..... Linear
- 1.8 Admitted Power.....1W
- 1.9 Cable..... RG-178 Cable
- 1.10 Connector..... SMA Plug Standard

### 2. Physical Properties :

- 2.1 Operating Temp. .... -10°C ~ +60°C
- 2.2 Storage Temp. .... -10°C ~ +70°C

REV	DATE	DESCRIPTION
X1	01/08-2021	New Issue



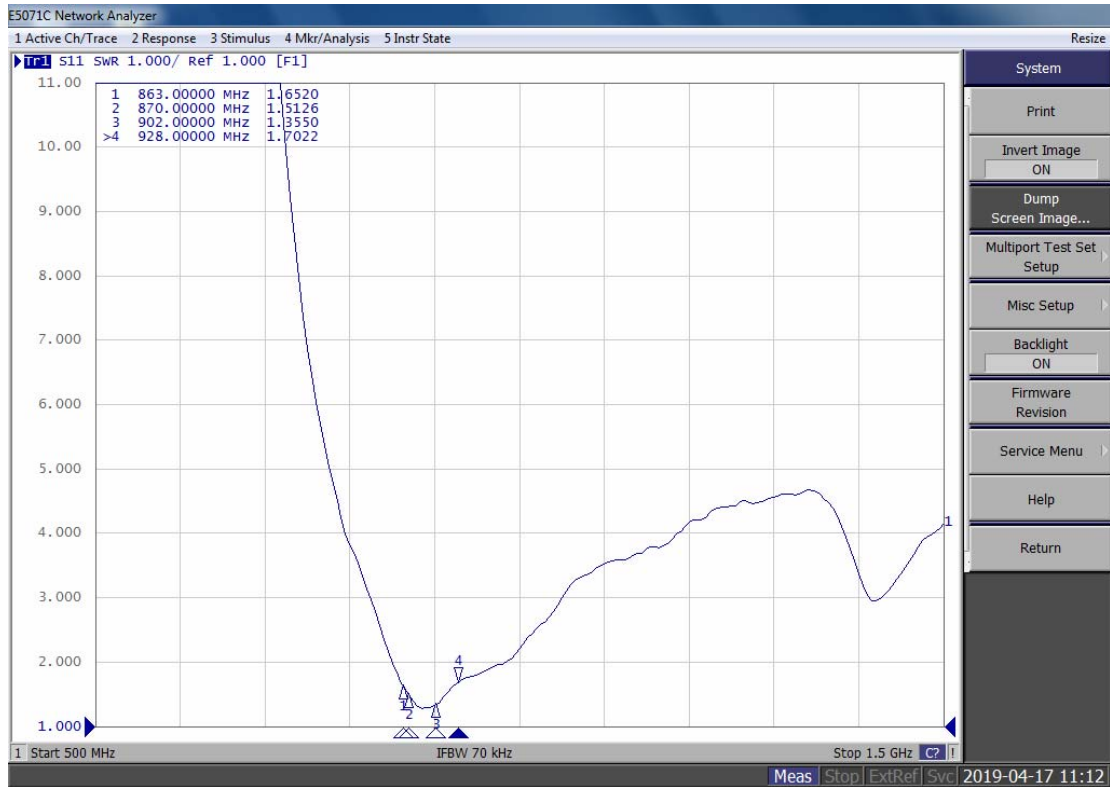
Packing:每Tray盤裝20PCS成品

NO	DESCRIPTION	QTY	REMARK
6	Connector SMA Straight Plug Standard	1	
5	Cable RG-178Cable,Transparency Brown,50Ω	1	
4	Rivet POM,Color:Black[黑色]	2	
3	Antenna Base (CD-348)PC+PBT,Color:Black[黑色]	1	
2	Antenna Base (CD-373)PC,Color:Black[黑色]	1	
1	Antenna Body (CD-379)TPE,Color:Black[黑色]	1	

CUSTOMER'S SINGATURE	XX.	±5.0	APPROVED Spring	CUSTOMER: 星縱智能		
	X.	±3.0		PART NO : 23.003.000015		
	.X	±1.0	CHECKED	PART NAME: RF Antenna Assembly		
	.XX	±0.5		W.Y P/NO : C4254-510037-A		
	.XXX	±0.1	DRAWING	REV	UNIT	FILE
		葉雁麗	X1	mm	SSR-220281	SHEET : 1/1

**M.gear** Wha Yu Group  
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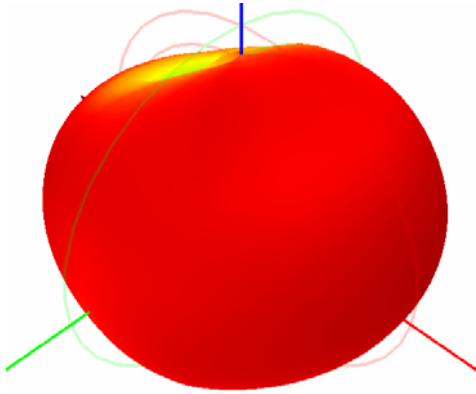
## RF Antenna Assembly Spec:902~928MHz



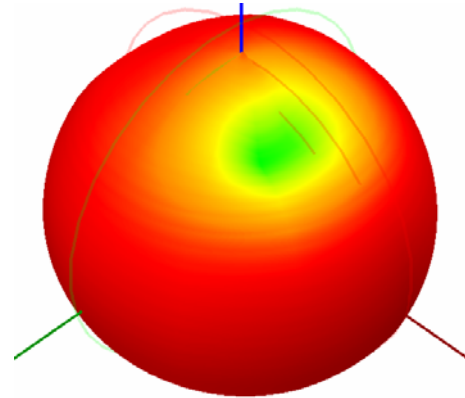
**RF Antenna Assembly**

**Spec:902~928MHz**

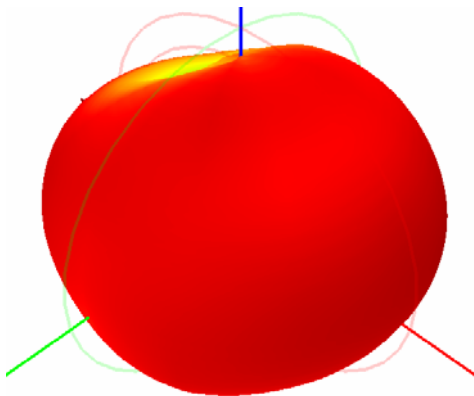
902.0MHz H+V, Eff: 50.5%



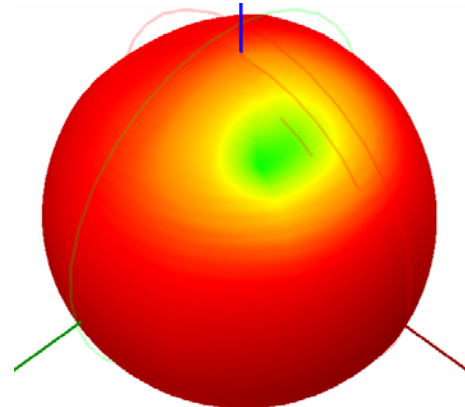
Back View



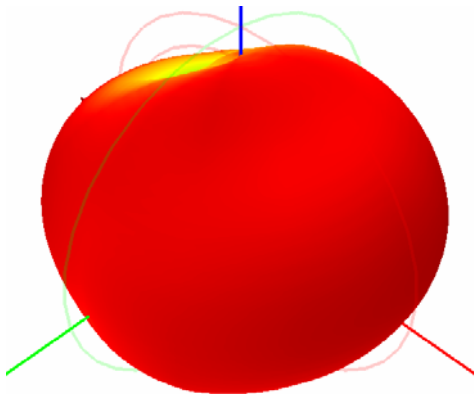
915.0MHz H+V, Eff: 48.9%



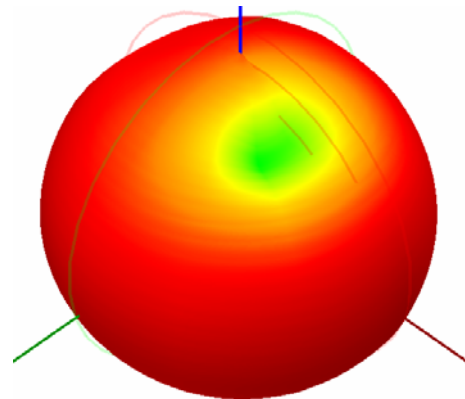
Back View



928.0MHz H+V, Eff: 48.1%



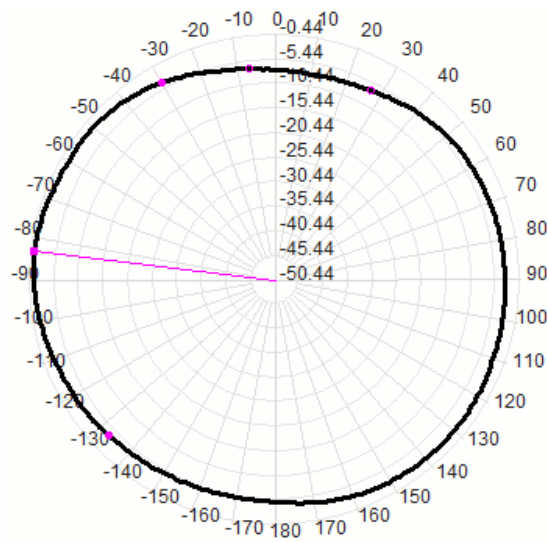
Back View



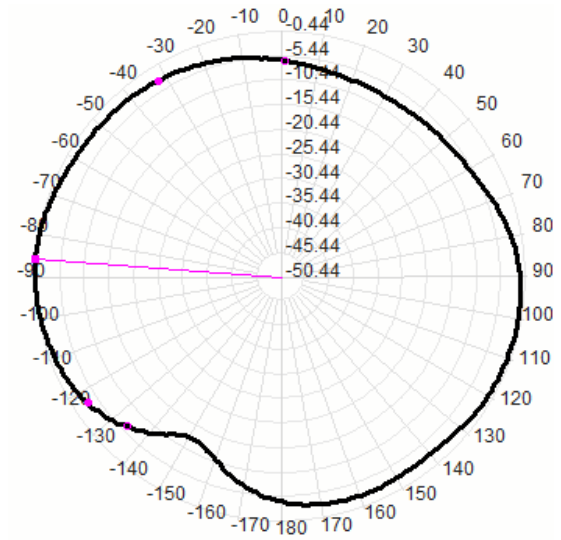
**RF Antenna Assembly**

**Spec: 902~928MHz**

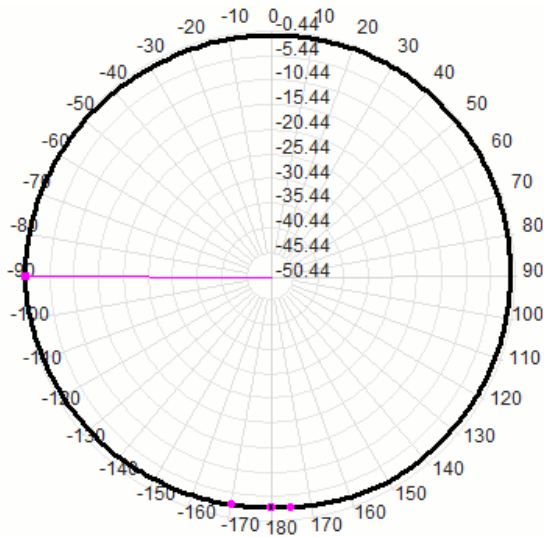
902.0MHz Total(E1)



902.0MHz Total(E2)



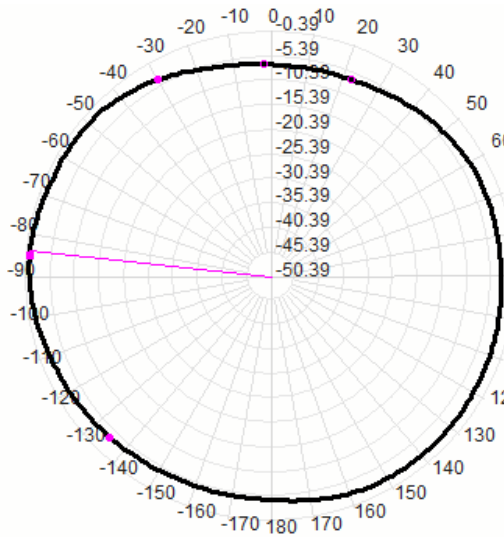
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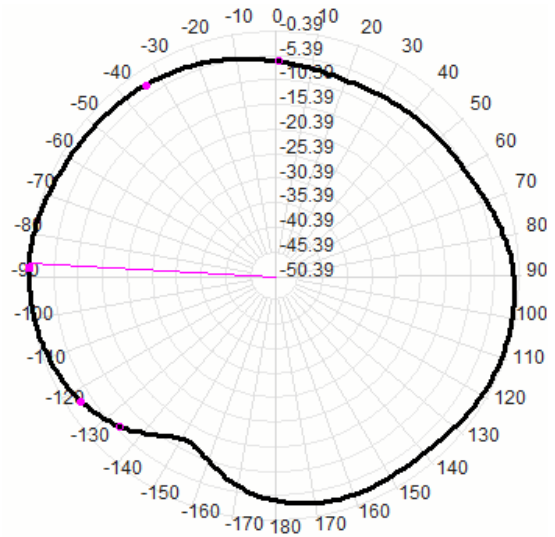
## RF Antenna Assembly

Spec: 902~928MHz

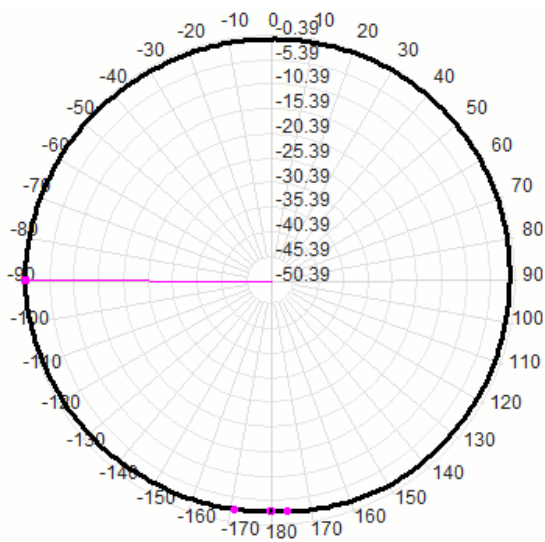
915.0MHz Total(E1),



915.0MHz Total(E2),



915.0MHz Total(H)

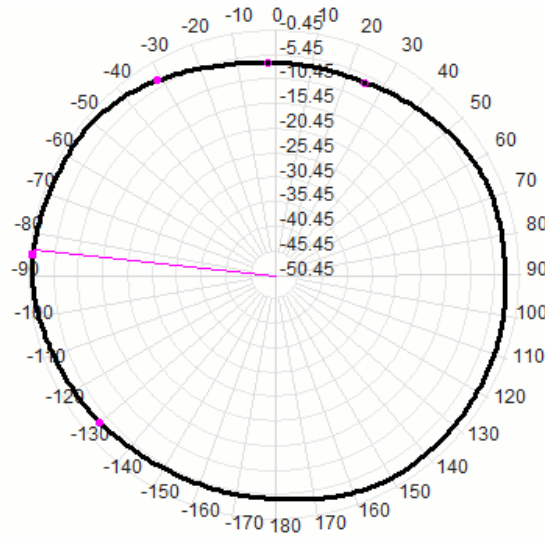




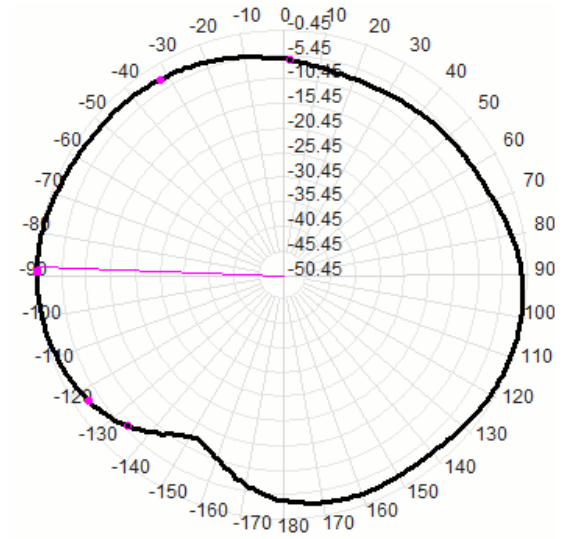
## RF Antenna Assembly

Spec: 902~928MHz

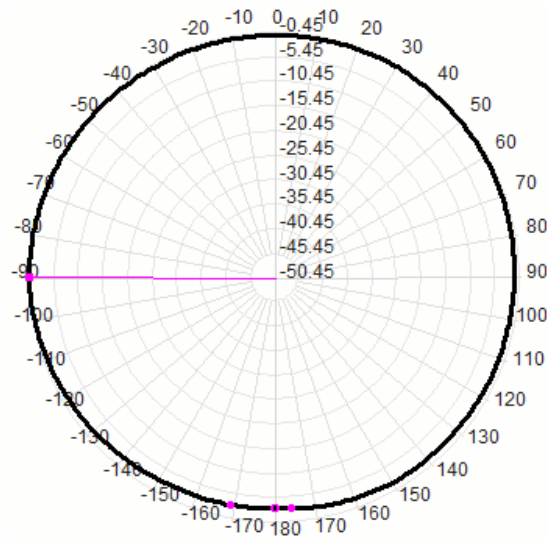
928.0MHz Total(E1)



928.0MHz Total(E2)



928.0MHz Total(H)



Antenna

