



# 东莞市一佳电子通讯科技有限公司

Dongguan YiJia Electronics Communication Technology Co.,Ltd.

## 规格承认书

### SPECIFICATION FOR APPROVAL

日期 Date	2023/02/10
编号 File No	23021001
版本 Revision	1.0

客户方位  
CUSTOMER: \_\_\_\_\_


客户料号 :EADA100043A0  
CUSTOMER NO: \_\_\_\_\_

品名 856-930MHz Antenna L=95mm  
PART NAME: \_\_\_\_\_

供方料号 YJL01.106.047.301A  
SUPPLIER NO: \_\_\_\_\_

送样日期Date: \_\_\_\_\_ 送样数量Q “TY: \_\_\_\_\_

客户确认CUSTOMER APPROVED BY		
APPROVAL	CHIEF	SUPERVISOR

供方确认 SUPPLIER SIGNATURE		
APPROVAL	CHECK	DESIGN
 ChenGuoqiang	XieLi	ChenXingyi

YJ-RD-F04-A



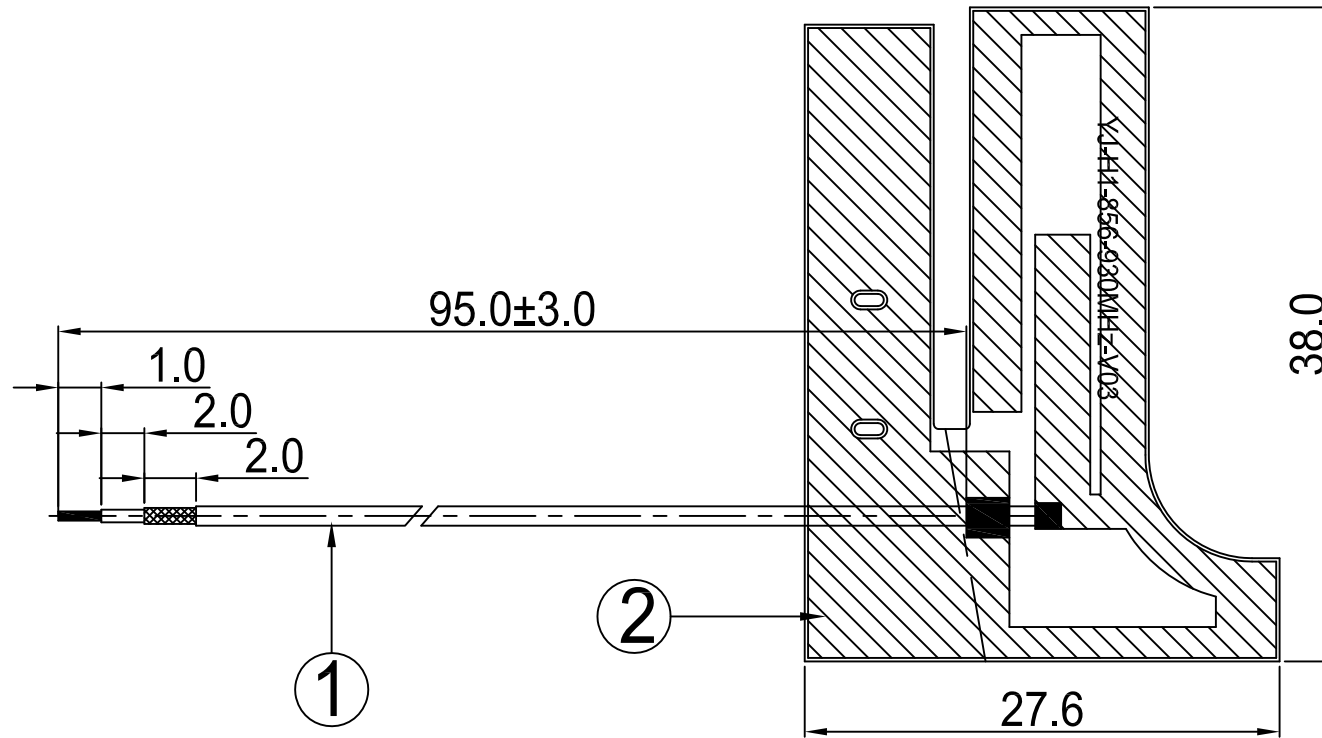
# 承认书项目表

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13	-	-	-

**RoHS**  
Compatible

CUSTOMER	
PART NO	

REV.	DESCRIPTION	DATE
△	首次发行	2022-11-04
△	修改外形及线路	2022-11-19




**东莞市一佳电子通讯科技有限公司**  
 Dongguan YiJia Electronics Communication Technology Co.,Ltd. Tel:0769-82586086 Fax:0769-82586086

PART NAME: 856-930MHz Antenna L=95mm			
PART NO.: YJL01.106.047.301A			DATE: 2022-11-19
APPROVED BY	CHECKED BY	DESIGNED BY	 Tolerance X.X ±0.50 X.XX±0.15 X° ±3°
何清军	唐明亮	廖光喜	
UNITS: mm SCALE: 1/1 REVISION: B			

NO	PART NAME	DESCRIPTION	Material	Part Number	Q.TY
2	FPC	38.0*27.6mm	FPC	FPC11XXA.P01	1
1	Coaxial Cable	O.D.1.13 Black	O.D.1.13	COA100XXA.P01	1



# 天线规格

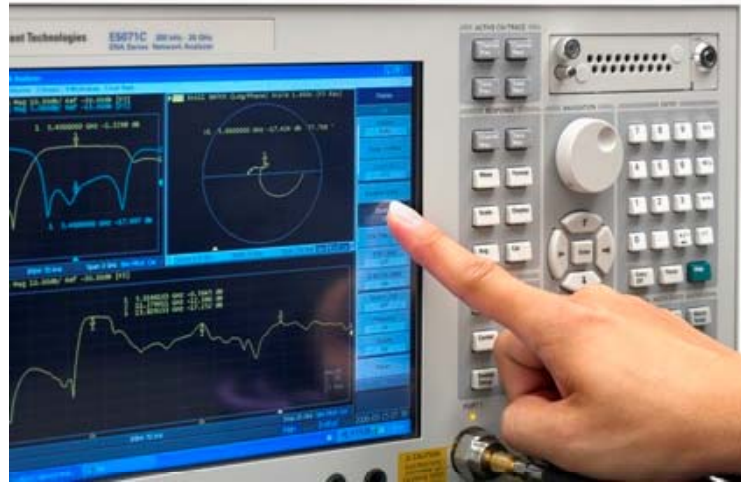
## Antenna Specification

<b>Electrical Properties</b>	
Frequency	850-930MHz
Impedance	50 Ohm Nominal
V.S.W.R	2.0 Max
Gain	3.9 dBi
Radiation	Omni-directional
Polarization	Linear
<b>Physical Properties</b>	
Connector	None
Cable Type	O.D.1.13mm
Cable Length	95mm
Cable Color	Black
Operating Temp.	-40 ~ +85 °C
Storage Temp / Humidity	25 ± 5°C / <70%

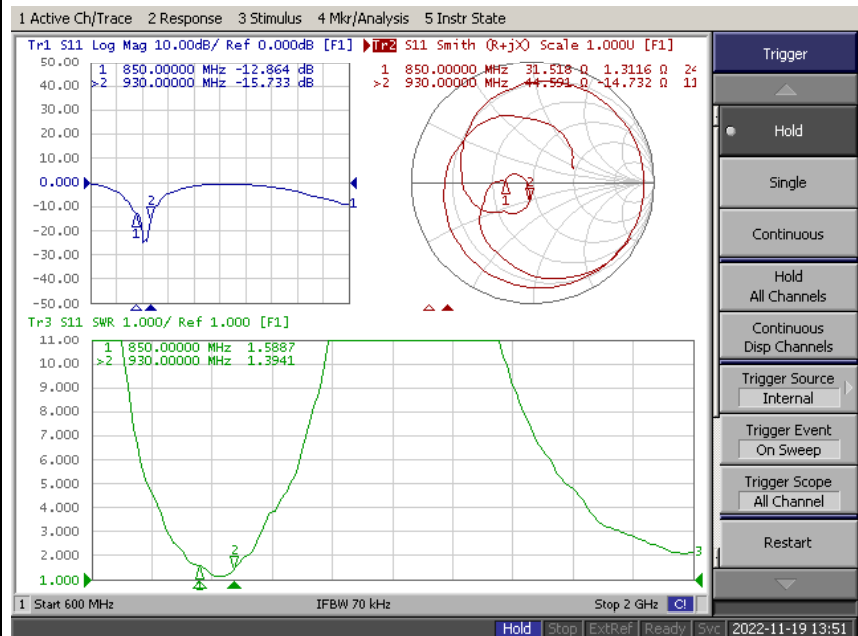


# Antenna Performance Test

**Agilent  
E5071B**

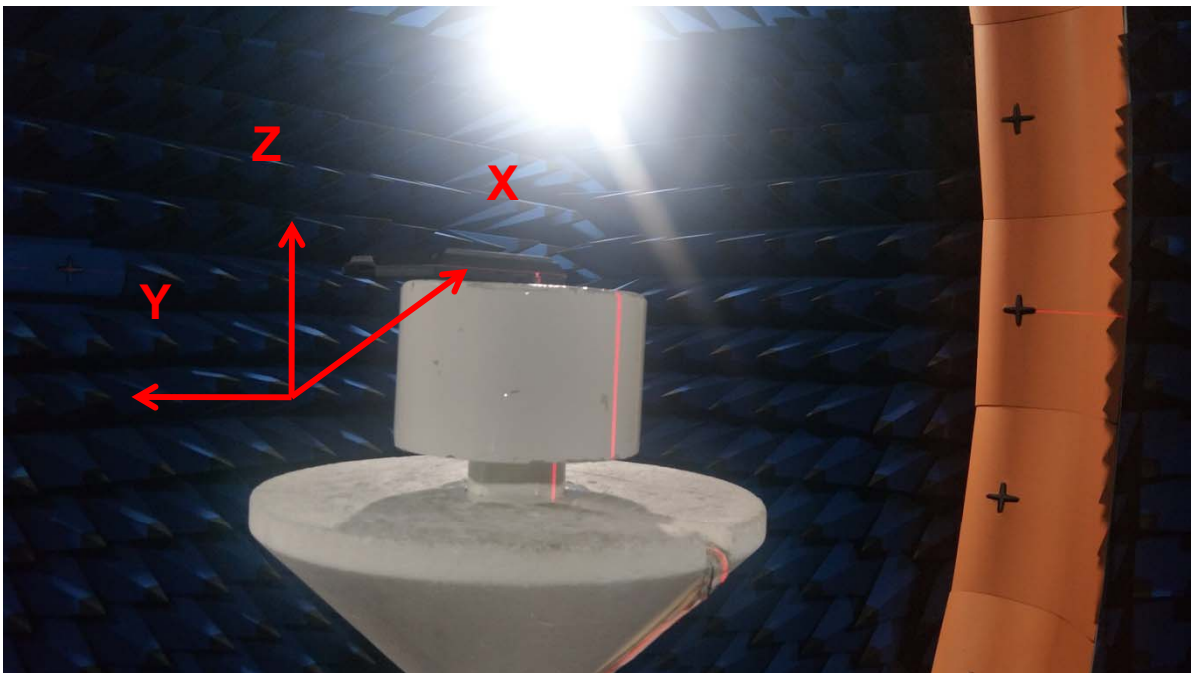
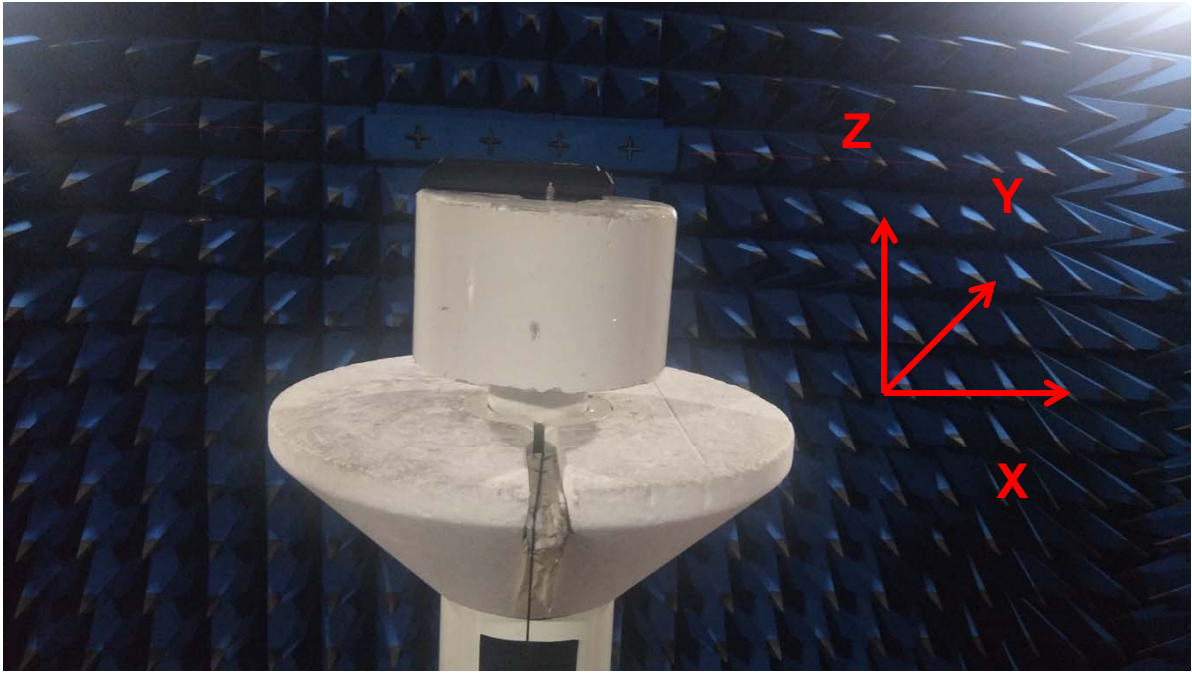


**S  
Parameter  
Test //  
Antenna**





## *Antenna Passive Test*

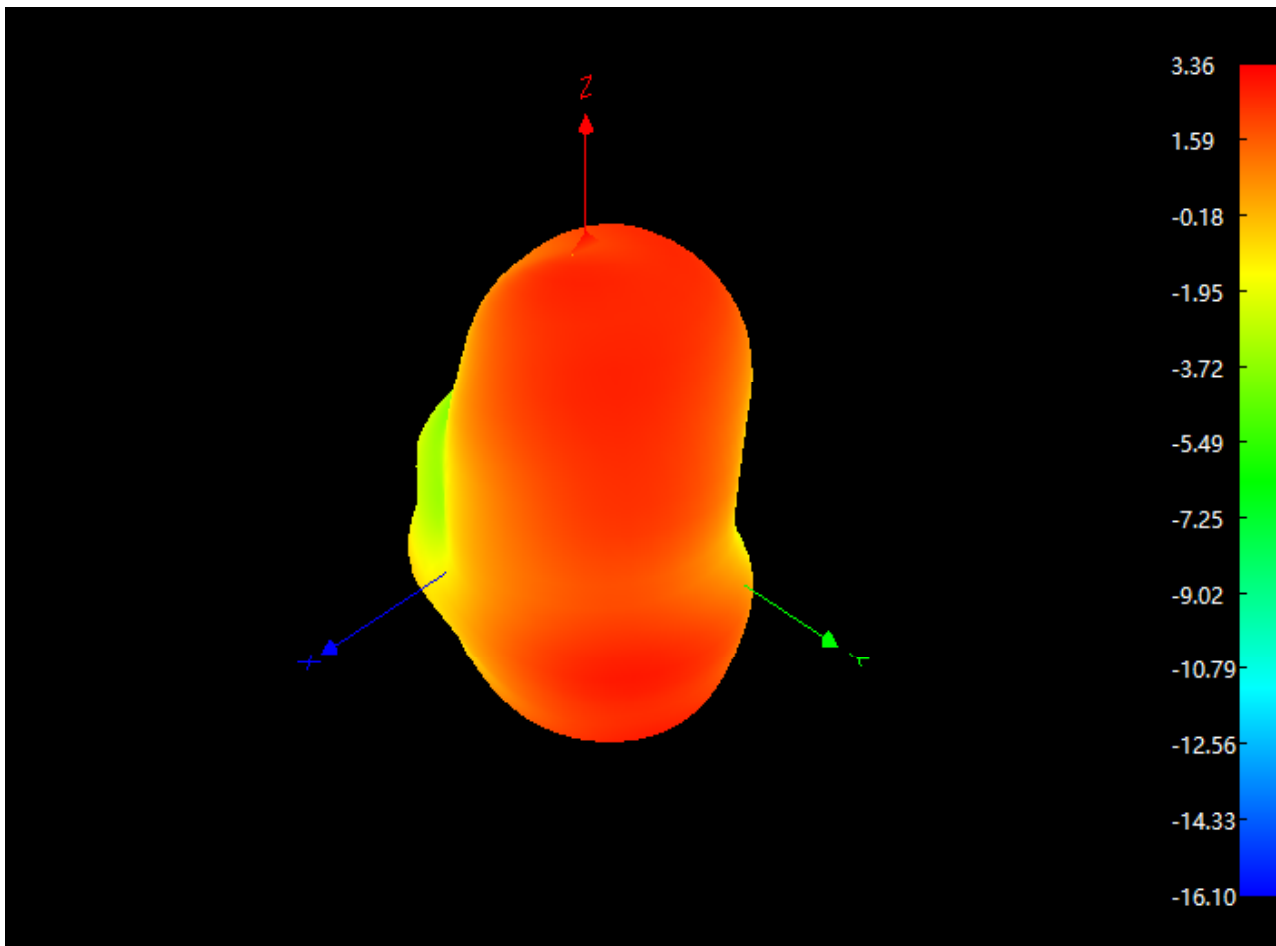




Passive Test For 860-930MHz Antenna(860MHz)			
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
850	55.8	-2.5	3.6
860	52.6	-2.8	3.8
870	50.2	-3.0	3.3
880	49.0	-3.1	3.4
890	49.8	-3.0	3.5
900	52.3	-2.8	3.9
910	54.6	-2.6	3.3
920	57.2	-2.4	3.0
930	57.7	-2.4	3.3



## Radiation Pattern For 860-930MHz Antenna(880MHz)







**860-930  
Antenna**

