



厦门中星宇科技有限公司

规格承认书

SPECIFICATION FOR APPROVAL

日期 2020/04/16
Date

编号 20041606
File No

版本 1.0
Revision

客 户

CUSTOMER: _____

客户料号 3.WY.0184

CUSTOMER NO: _____

品 名 850~950MHz Antenna

PART NAME: _____

供方料号 YJW01.128.001.104A

SUPPLIER NO: _____

送样日期Date:

送样数量Q “TY:

客户确认CUSTOMER APPROVED BY		
APPROVAL	CHIEF	SUPERVISOR

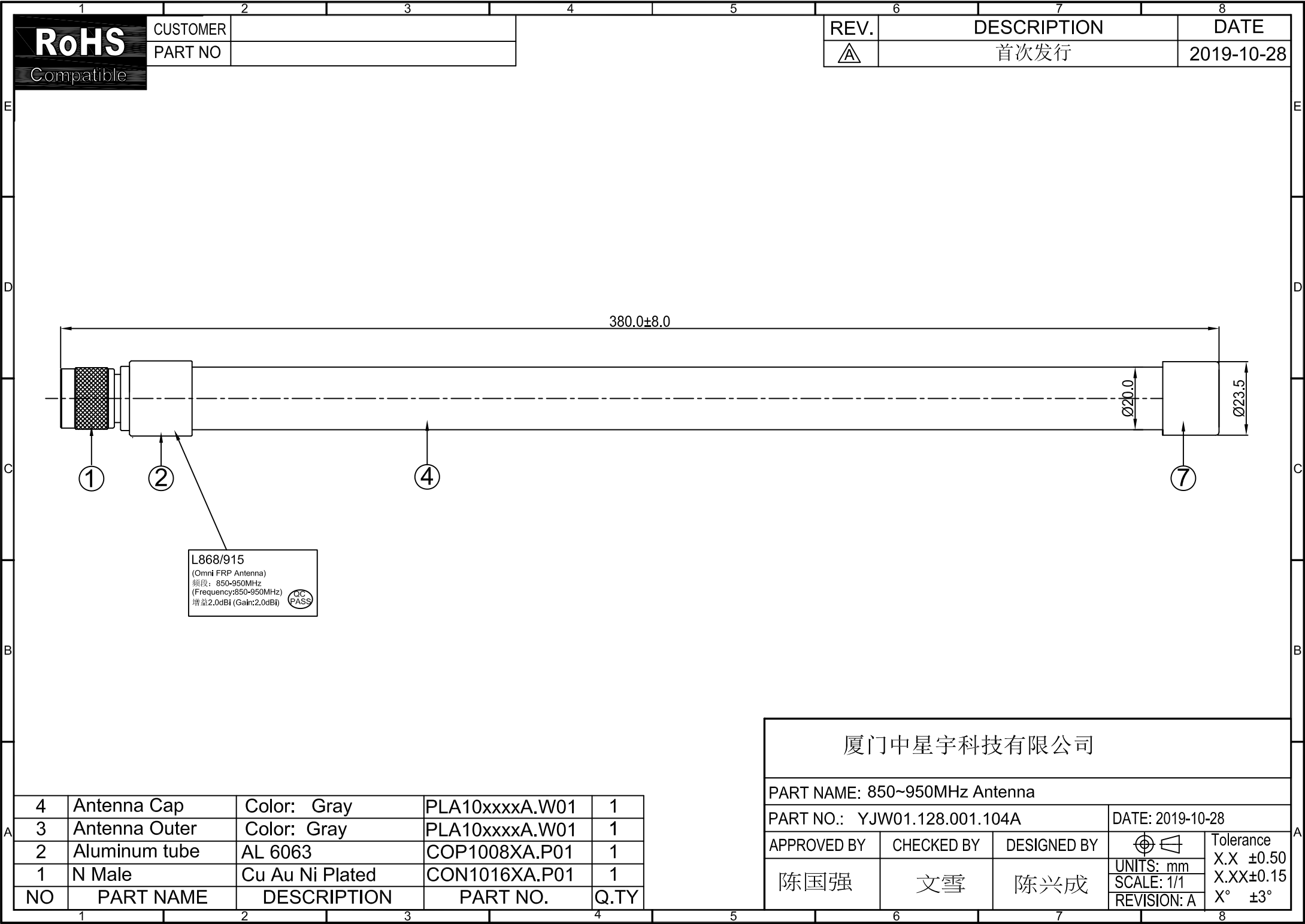
供方确认 SUPPLIER SIGNATURE		
APPROVAL	CHECK	DESIGN
ChenGuoqiang	WenXue	ChenXingcheng

YJ-RD-F04-A

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承认书项目表

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13	-	-	-



RoHS
Compatible

CUSTOMER	
PART NO	

REV.	DESCRIPTION	DATE
△	首次发行	2019-10-28

4	Antenna Cap	Color: Gray	PLA10xxxxA.W01	1
3	Antenna Outer	Color: Gray	PLA10xxxxA.W01	1
2	Aluminum tube	AL 6063	COP1008XA.P01	1
1	N Male	Cu Au Ni Plated	CON1016XA.P01	1
NO	PART NAME	DESCRIPTION	PART NO.	Q.TY

厦门中星宇科技有限公司				
PART NAME: 850~950MHz Antenna				
PART NO.: YJW01.128.001.104A			DATE: 2019-10-28	
APPROVED BY	CHECKED BY	DESIGNED BY		Tolerance
陈国强	文雪	陈兴成		X.X ±0.50
				X.XX±0.15
				X° ±3°

天线规格

Antenna Specification

Electrical Properties

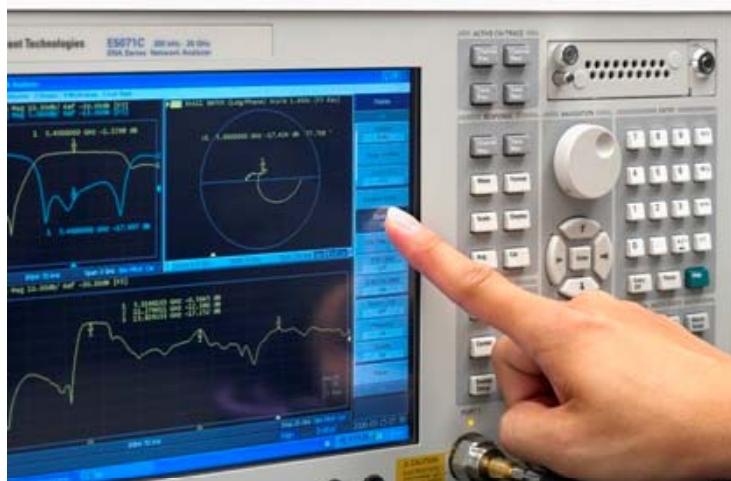
Frequency	850-950MHz
Impedance	50 Ohm Nominal
V.S.W.R	2.0 Max
Gain	2.5dBi
Radiation	Omni-directional
Polarization	Linear

Physical Properties

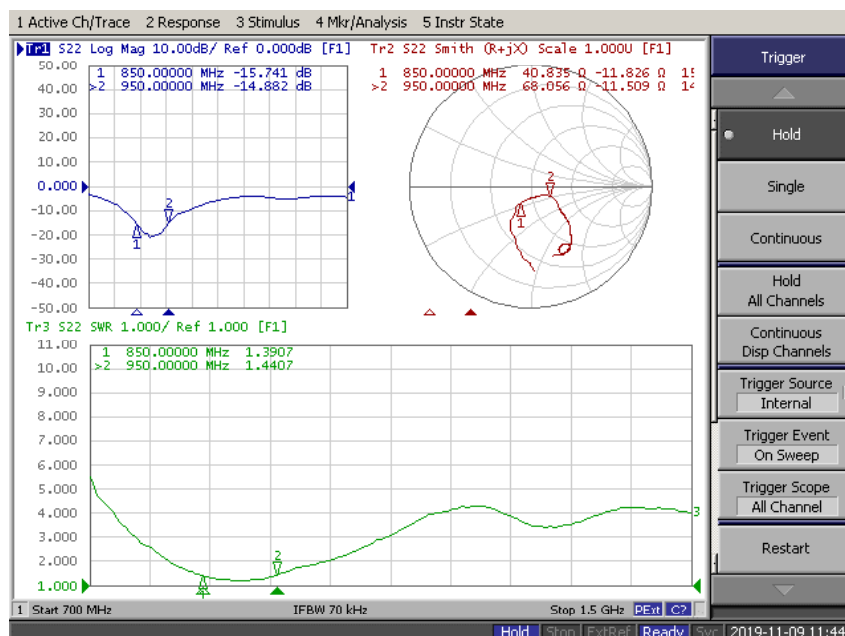
Connector	N Male
Cable Type	None
Cable Length	None
Cable Color	None
Operating Temp.	-40 ~ +85 °C
Storage Temp.	-40~ +85 °C

Antenna Performance Test

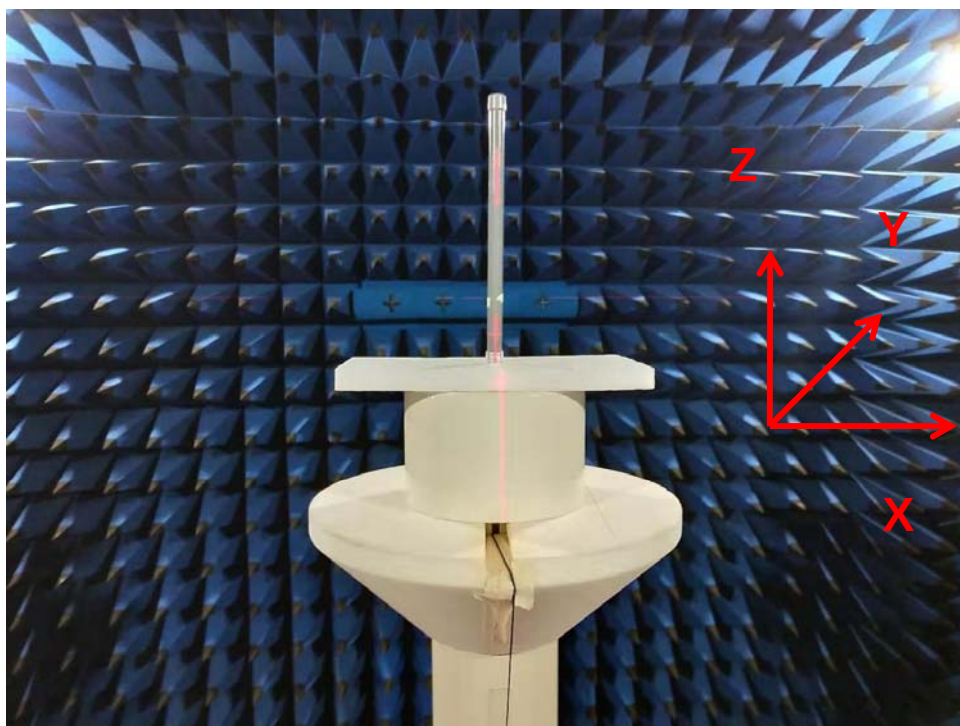
**Agilent
E5071B**



**S
Parameter
Test //**
**850-
950MHz**

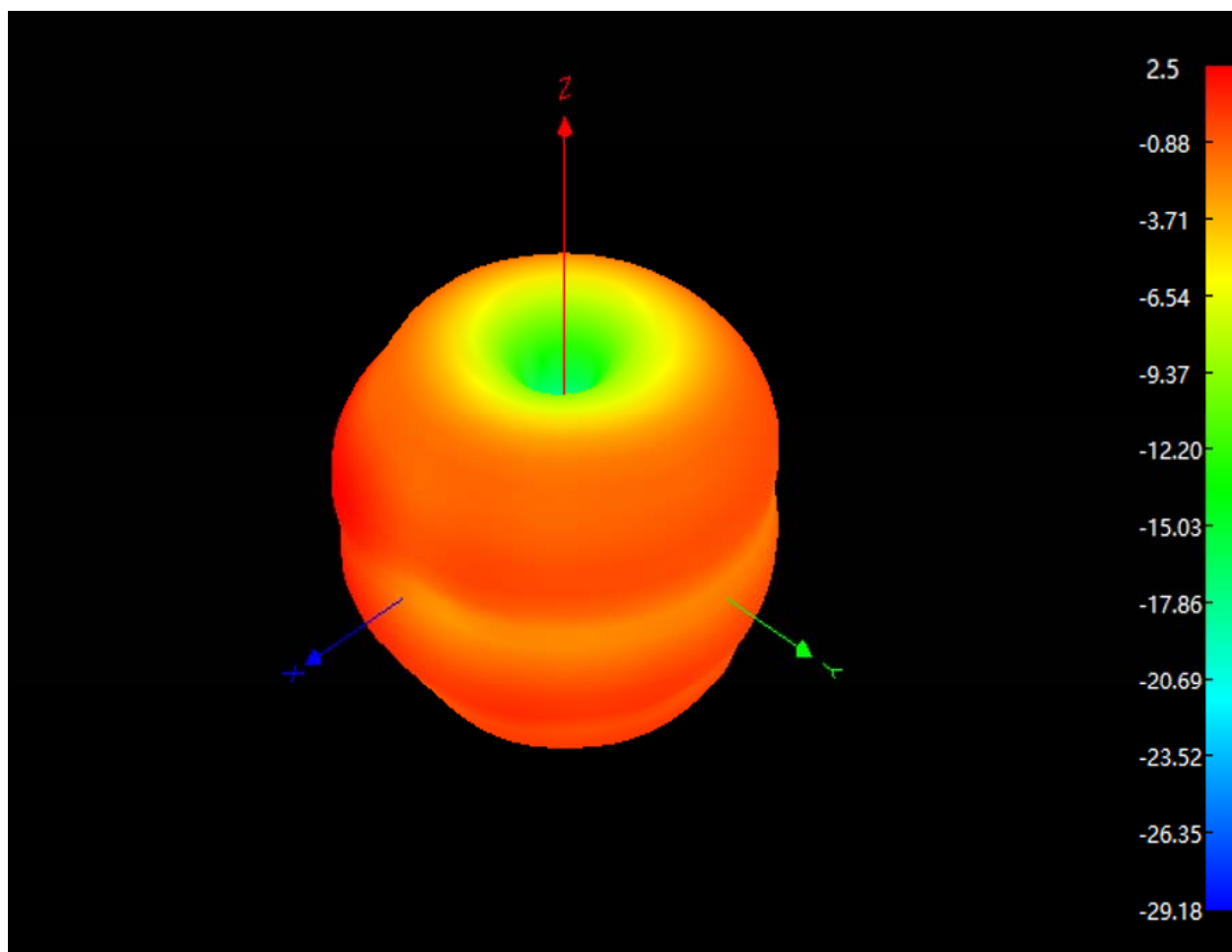


Antenna Passive Test



Passive Test For 850-950MHz			
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
850	58.8	-2.3	2.1
860	61.7	-2.1	2.2
870	64.9	-1.9	2.2
880	64.4	-1.9	2.2
890	67.5	-1.7	2.5
900	70.5	-1.5	2.5
910	75.5	-1.2	2.4
920	78.7	-1.0	2.3
930	77.5	-1.1	2.4
940	74.3	-1.3	2.3
950	74.5	-1.3	2.3

Radiation Pattern For 900MHz



Antenna
850-
950MHz

