

深圳亦是科技有限公司

Shenzhen Yishi Technology Co., Ltd

规格承认书

SPECIFICATION FOR APPROVAL

日期
Date 2024/11/14

编号
File No 24111401

版本
Revision 1.0

客 户

Shenzhen Radiomaster Co., Ltd

CUSTOMER:

客户料号

XD-FL-00100

品 名

868-928MHz Y Antenna (RECEIVER)

供方料号

S-RM-B04

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

Hunter

Luo

Liu

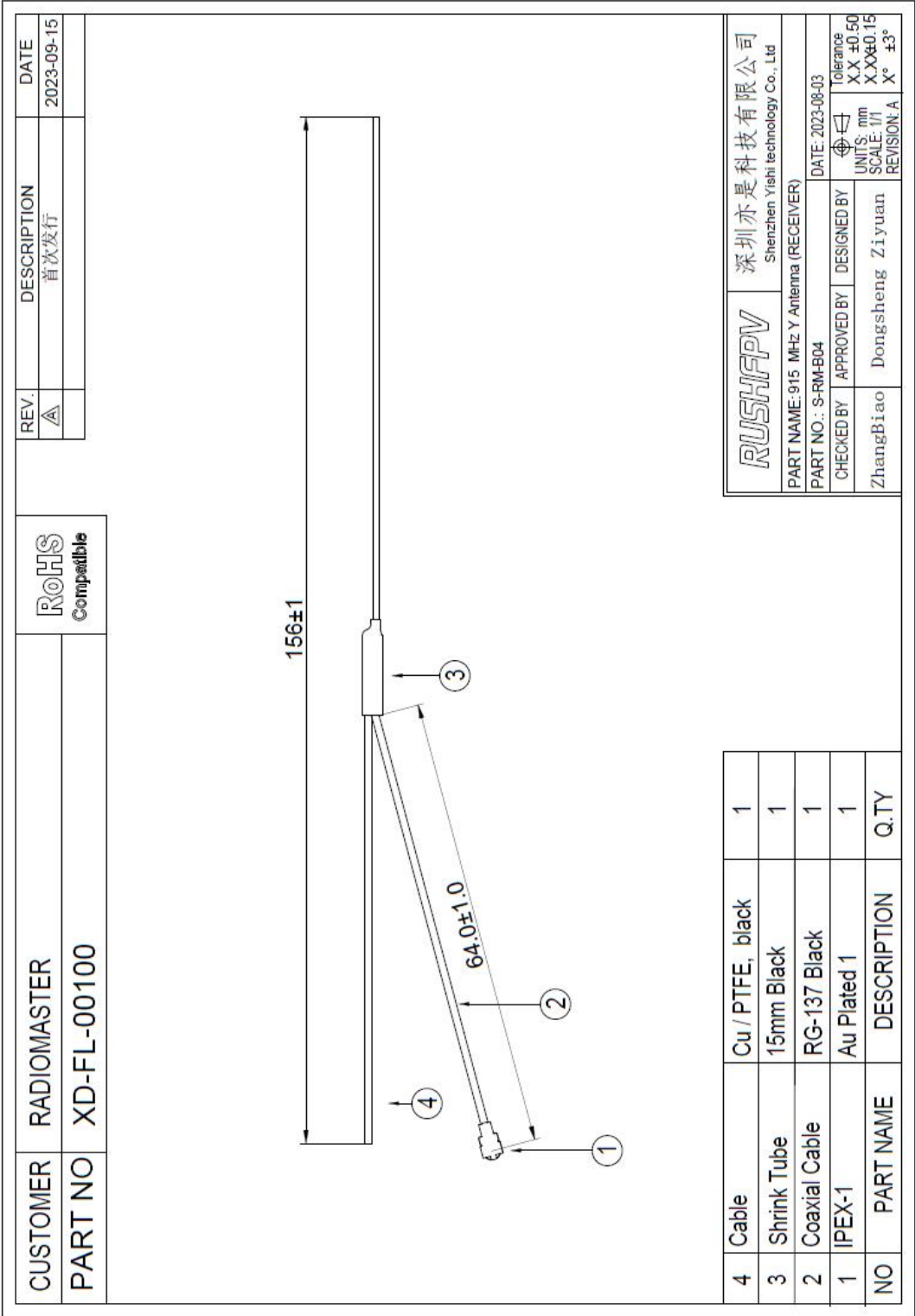
WE-RD-F01-A

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工程成品图

(Drawing)



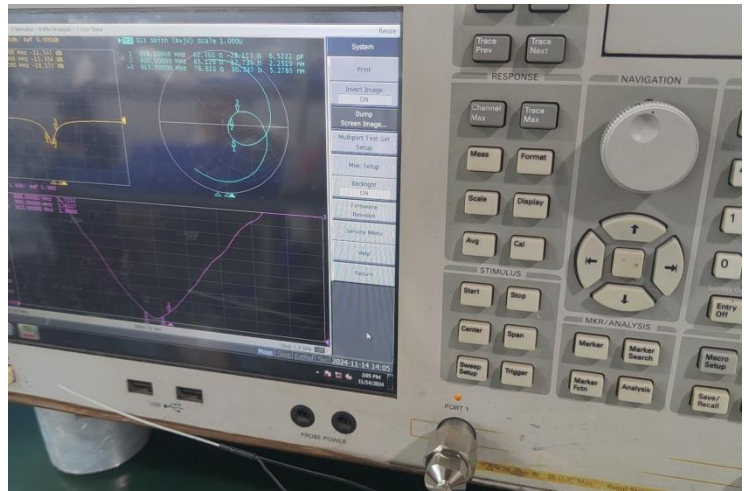
天线规格

Antenna Specification

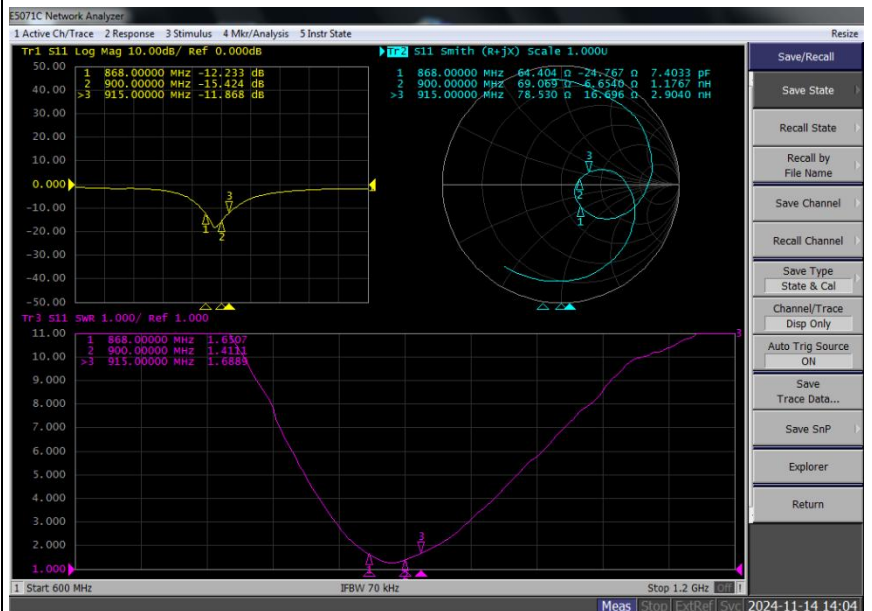
Electrical Properties	
Frequency	868~928MHz
Impedance	50 Ohm Nominal
V.S.W.R	≤2.0(Max)
Return Loss	≤-10(Max)
Radiation	Omni-directional
Gain (Peak)	≤2dBi(Max)
Polarization	Linear
Connector	IPEX-1代
Physical Properties	
Antenna Material	Cu/PTEE
Cable Type	RG-137
Operating Temp.	-10 ~ +60 °C
Storage Temp.	-10 ~ +70 °C
Cable Color	black

Antenna Performance Test

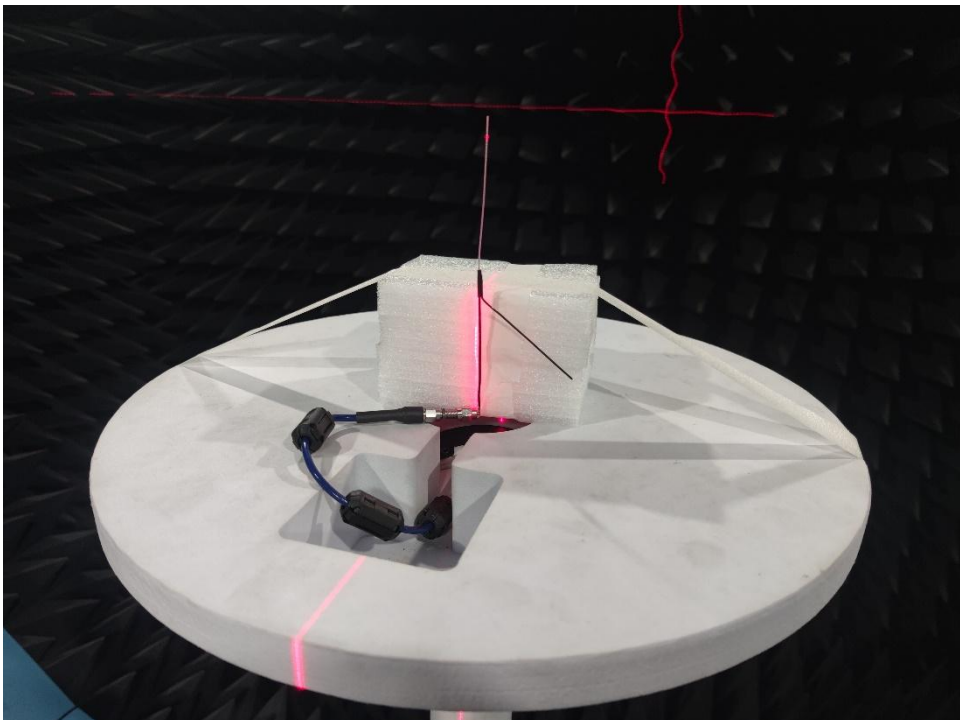
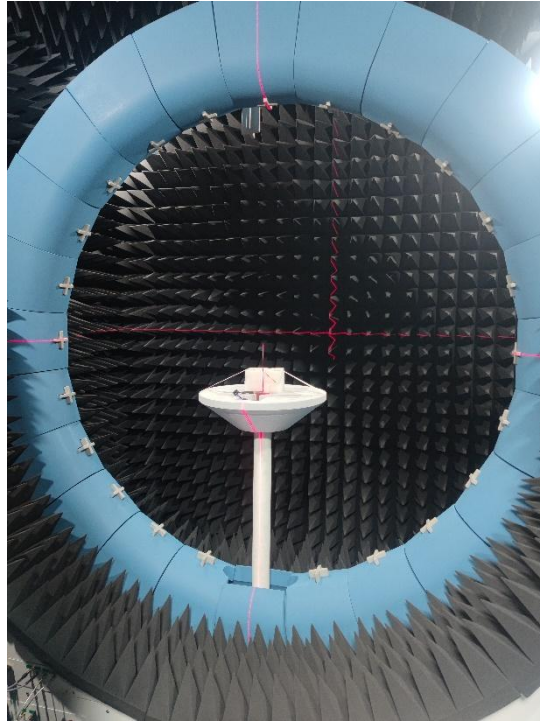
**Agilent
E5071C**



**S
Parameter
Test //
WIFI**



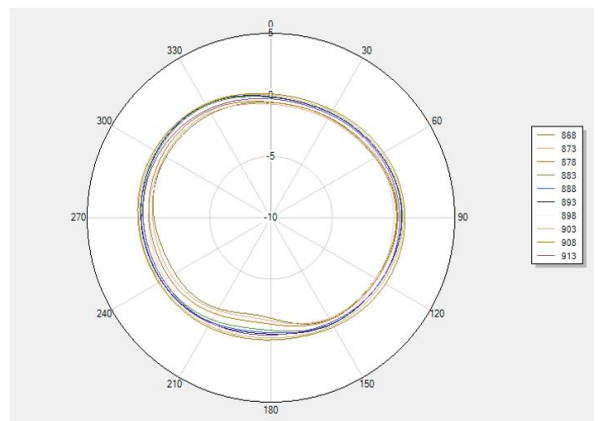
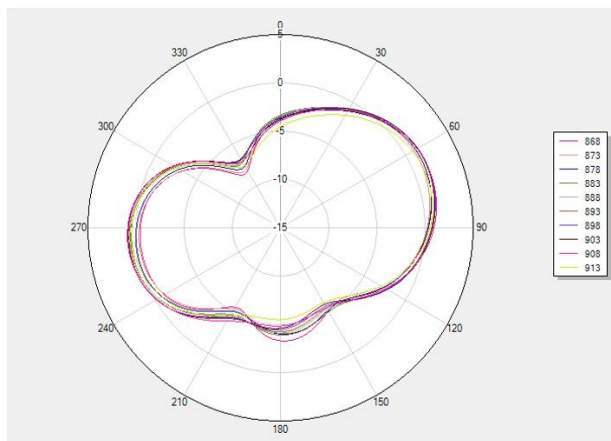
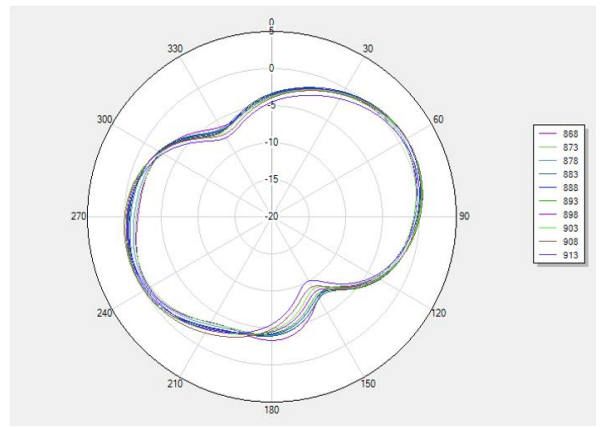
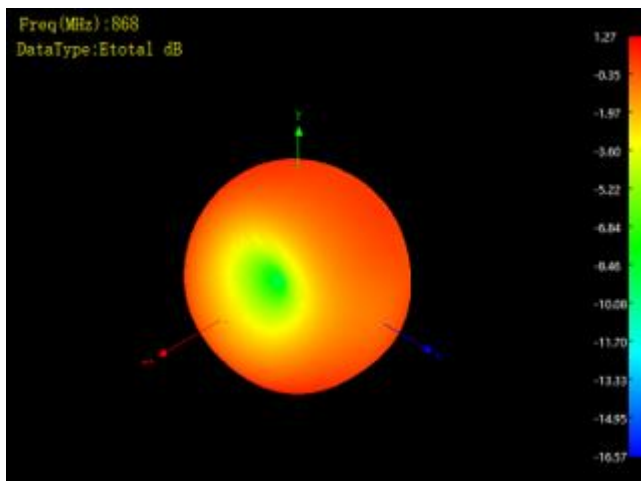
Antenna Passive Test

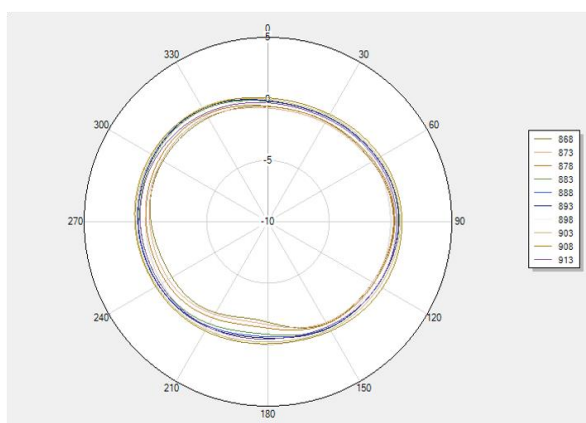
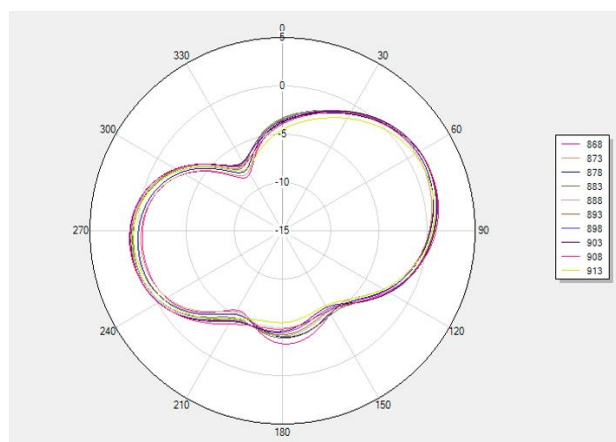
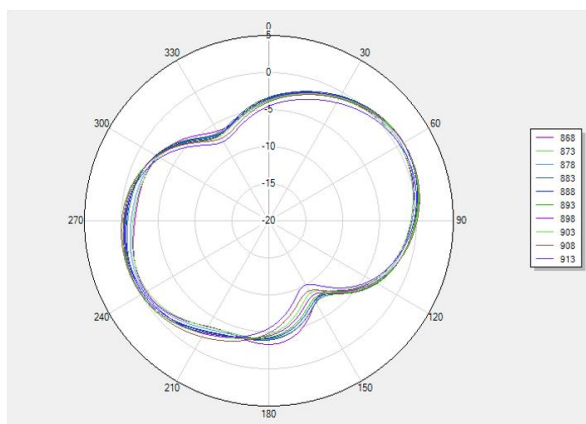
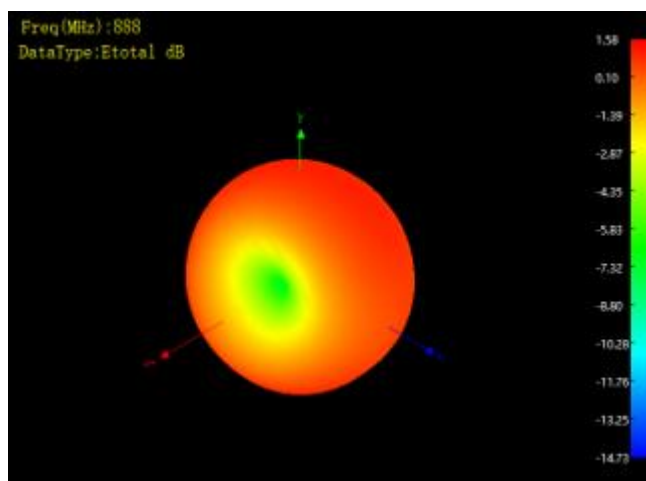


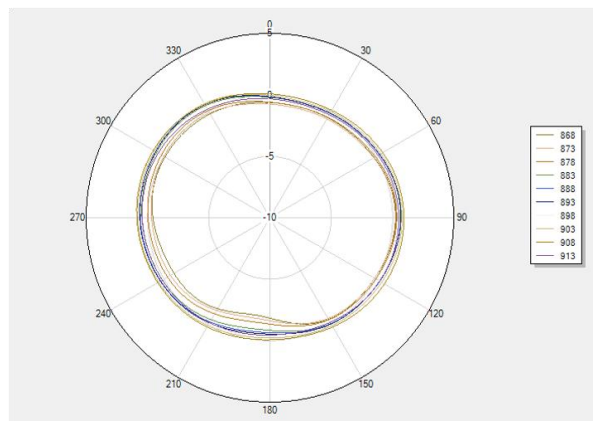
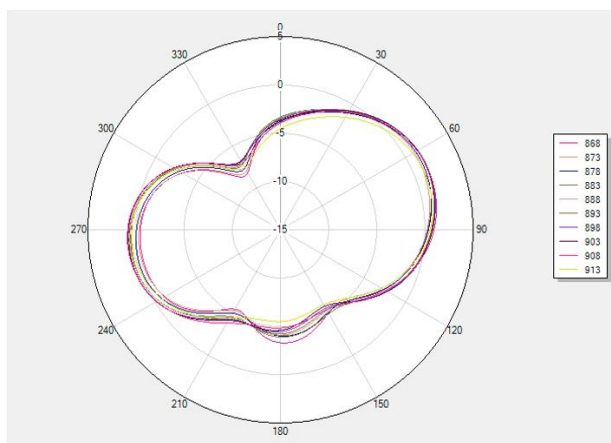
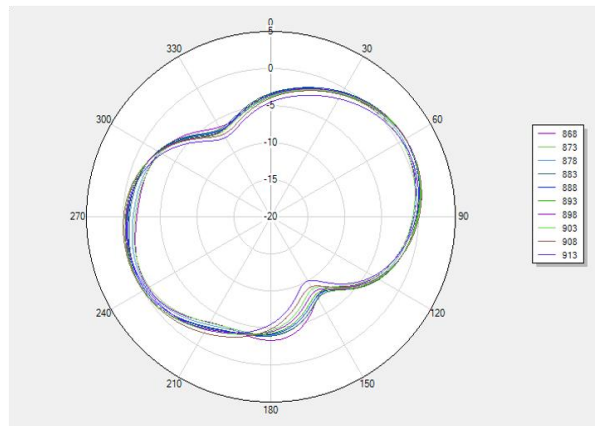
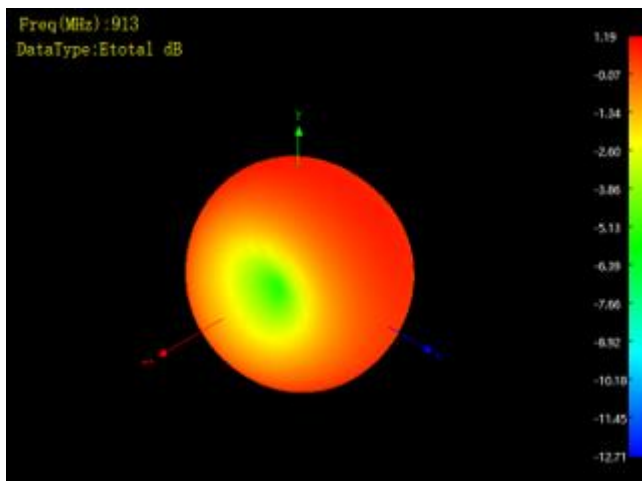
Passive Test For Antenna(915/868Mhz)

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
868	71.12	-1.48	1.27
873	69.82	-1.56	1.1
878	73.45	-1.34	1.32
883	79.98	-0.97	1.63
888	80.35	-0.95	1.58
893	81.28	-0.9	1.69
898	82.04	-0.86	1.69
903	81.85	-0.87	1.67
908	82.6	-0.83	2.00
928	73.79	-1.32	1.2

Antenna Radiation Pattern







Antenna Photo

