

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 2024/10/14
Date

编号 24101401
File No

版本 1.0
Revision

客 户

Shenzhen Radiomaster Co., Ltd

CUSTOMER:

客户料号

XD-FL-00626

品 名

868-928MHz T Antenna (RECEIVER)

供方料号

S-RM-B03

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

承认书项目表

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工程成品图

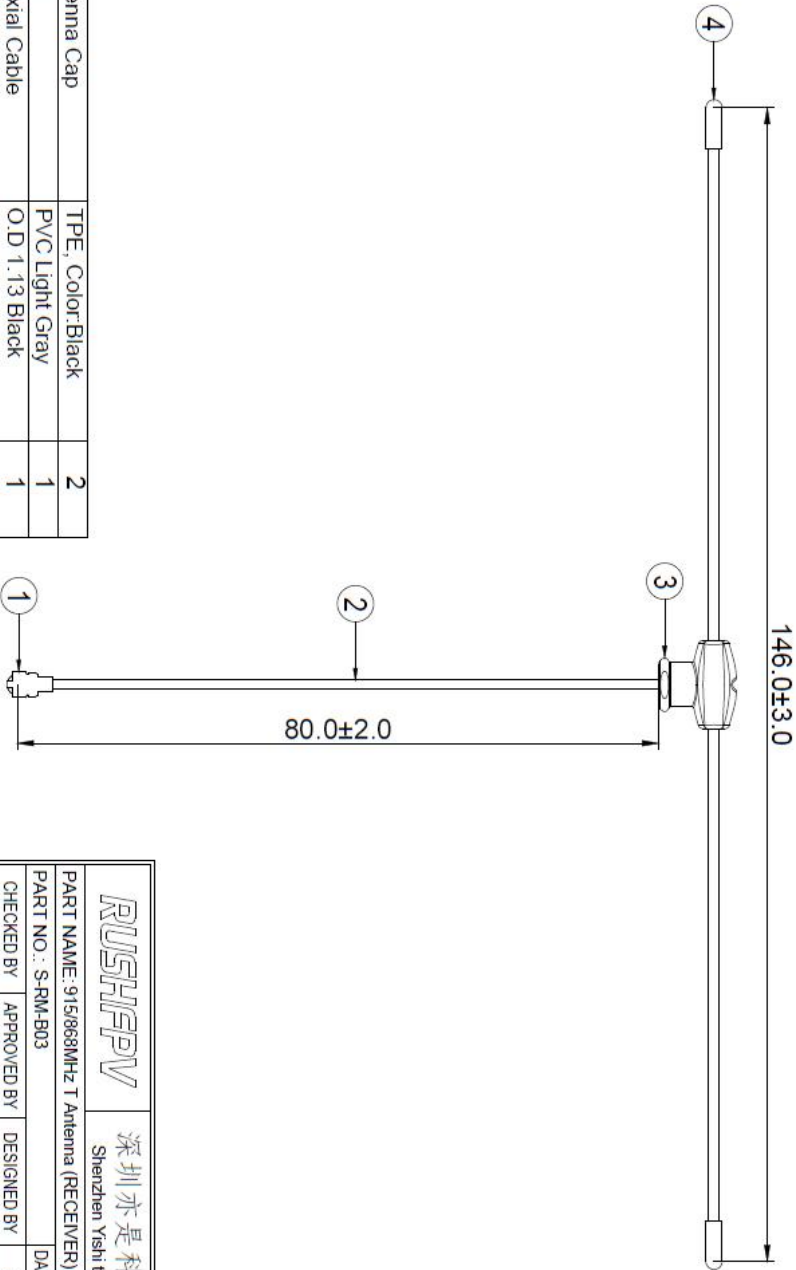
(Drawing)

CUSTOMER	RADIOMASTER
PART NO	XD-FL-00626

RoHS
Compliant

REV.	DESCRIPTION	DATE
A	首次发行	2023-08-03

4	Antenna Cap	TPE, Color:Black	2
3	SR	PVC Light Gray	1
2	Coaxial Cable	O.D 1.13 Black	1
1	IPEX-1	Au Plated 1ft	1
NO	PART NAME	DESCRIPTION	Q.TY



RUSHIPV			深圳亦是科技有限公司 Shenzhen Yishi technology Co., Ltd	
PART NAME: 915/868MHz T Antenna (RECEIVER)				
PART NO.: S-RM-B03			DATE: 2023-08-03	
CHECKED BY	APPROVED BY	DESIGNED BY	  Tolerance	
ZhangBiao	Dongsheng	Ziyuan	X.X ±0.50 UNITS: mm SCALE: 1/1 REVISION: A X° ±3°	

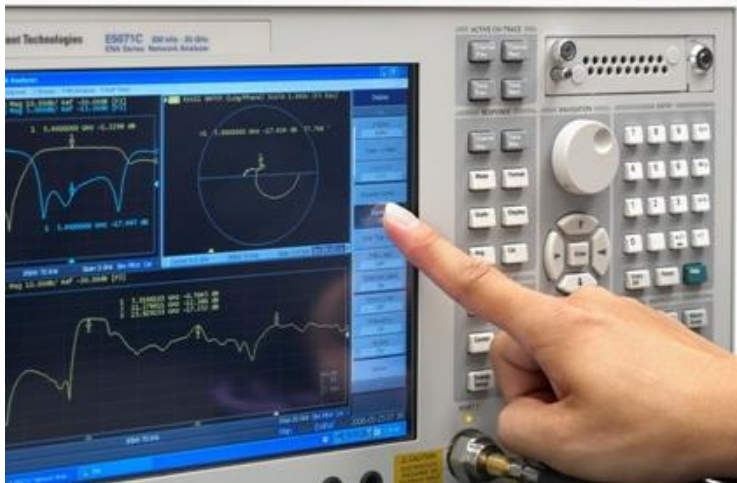
天线规格

Antenna Specification

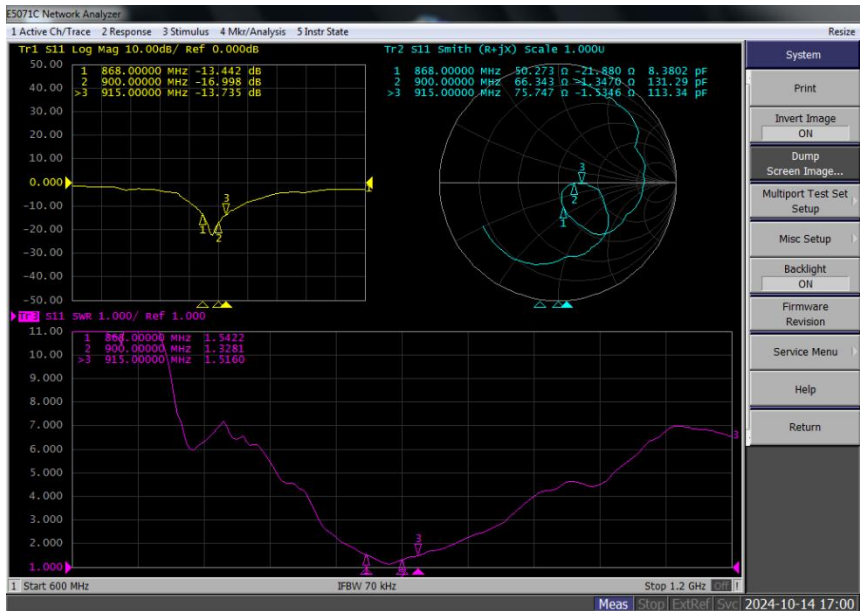
Electrical Properties	
Frequency	868-928MHz
Impedance	50 Ohm Nominal
V.S.W.R	≤2.0(Max)
Return Loss	≤-10(Max)
Radiation	Omni-directional
Gain (Peak)	≤2.00dBi(Max)
Polarization	Linear
Connector	IPEX-1代
Physical Properties	
Antenna Material	PVC
Cable Type	O.D 1.13//L=80mm
Operating Temp.	-10 ~ +60 °C
Storage Temp.	-10 ~ +70 °C
Cable Color	black

Antenna Performance Test

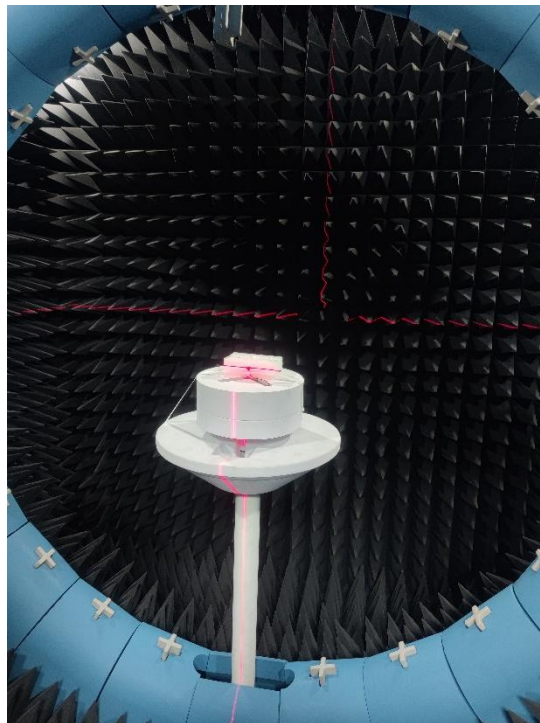
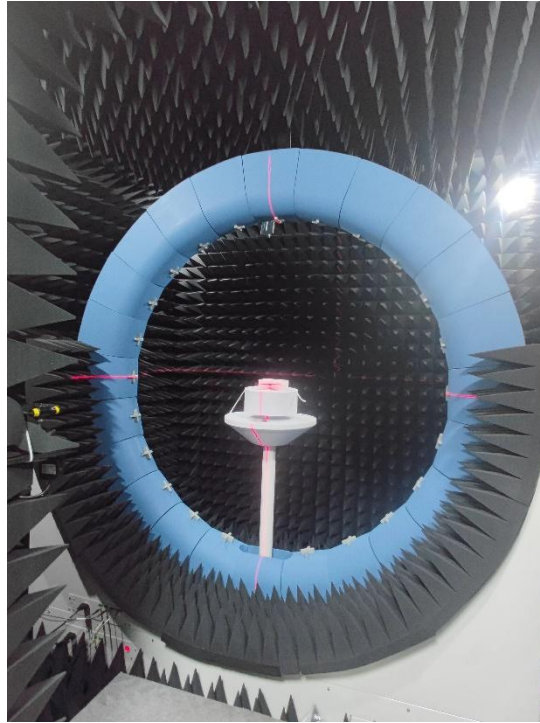
Agilent
E5071C



S
Parameter
Test //
WIFI



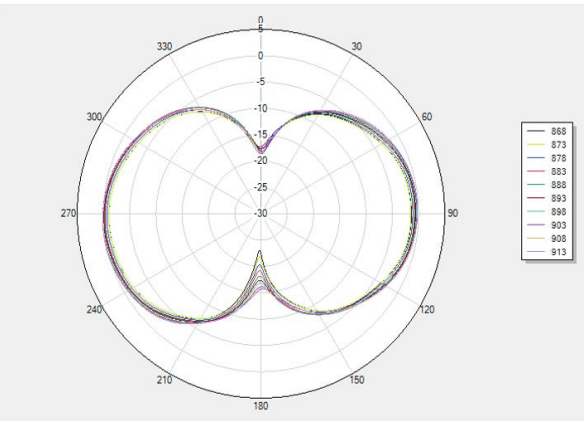
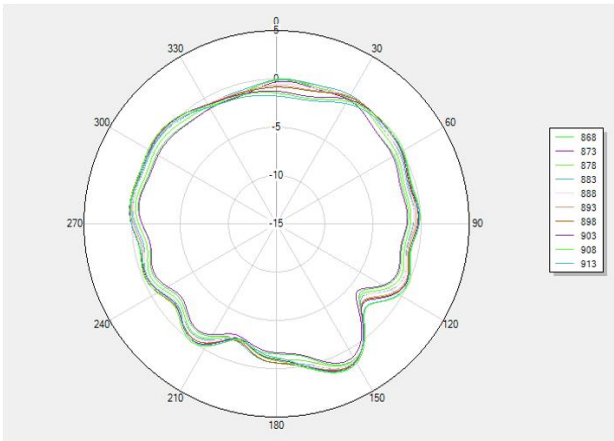
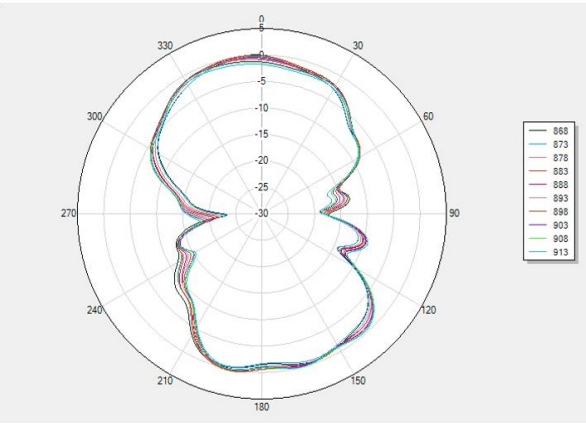
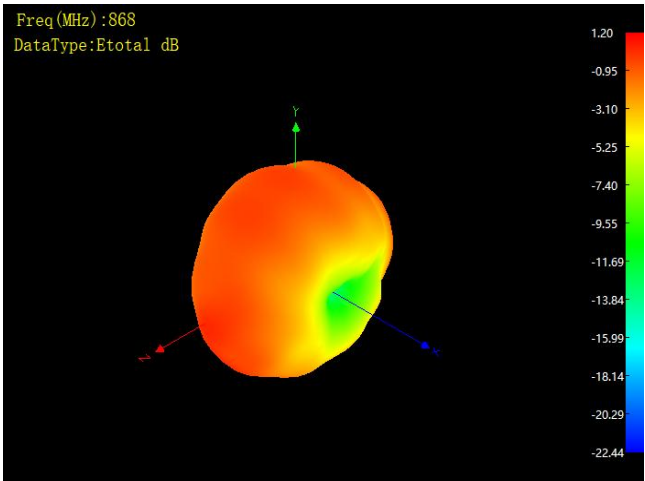
Antenna Passive Test



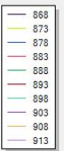
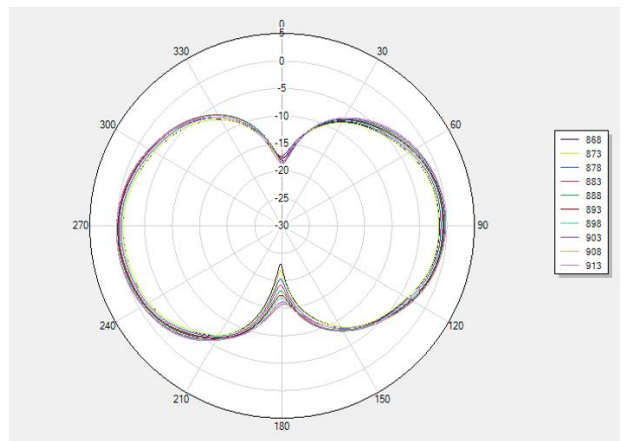
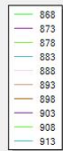
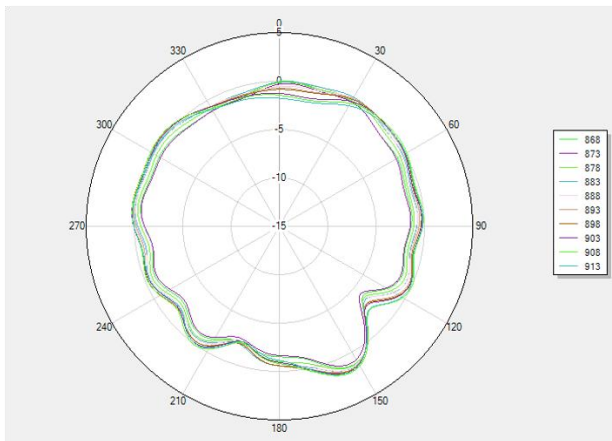
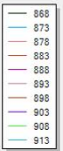
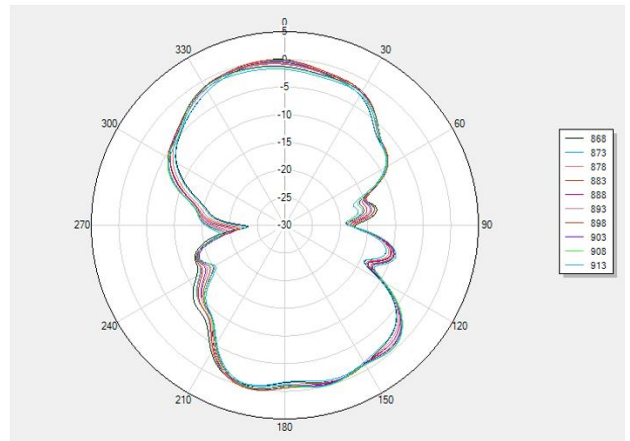
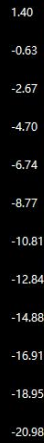
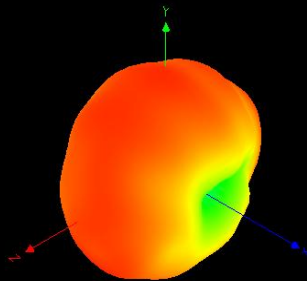
Passive Test For Antenna(915/868Mhz)

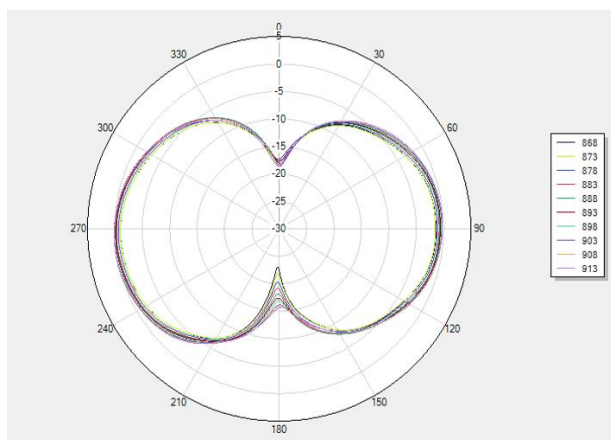
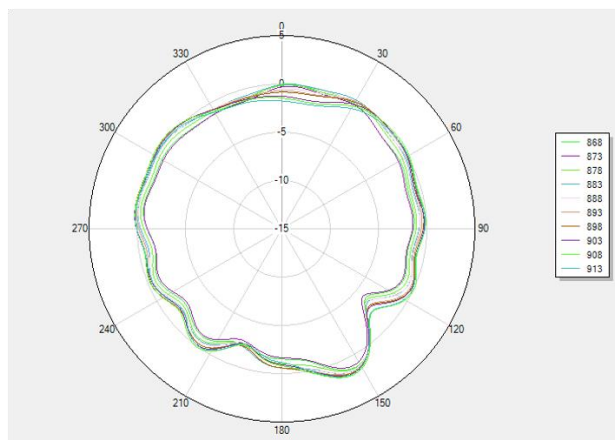
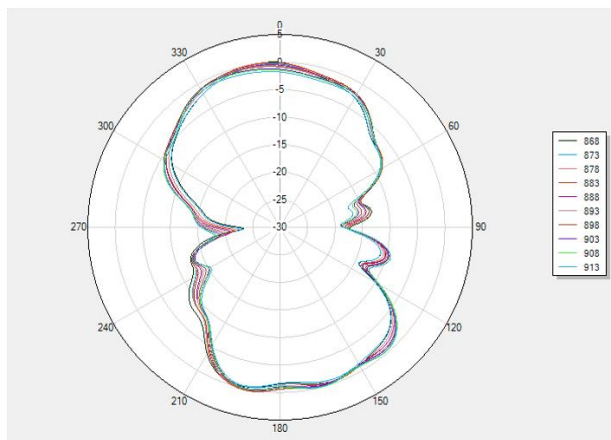
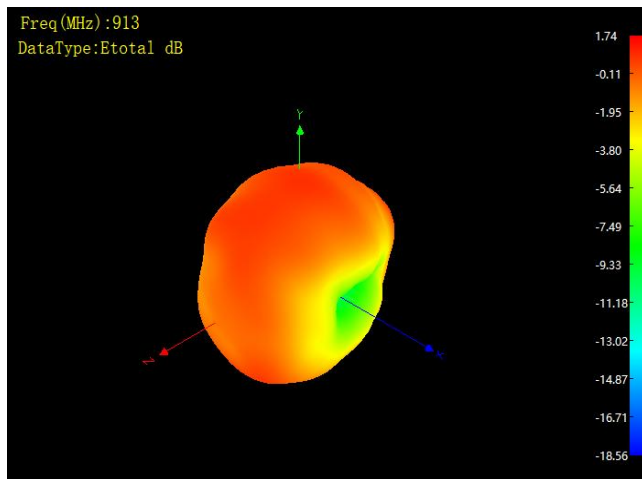
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
868	49.89	-3.02	1.23
873	48.19	-3.17	0.99
878	52.84	-2.77	1.29
883	56.49	-2.48	1.48
888	55.85	-2.53	1.45
893	58.34	-2.34	1.59
898	59.29	-2.27	1.64
903	58.75	-2.31	1.74
908	60.53	-2.18	2.00
928	58.48	-2.33	1.78

Antenna Radiation Pattern



Freq (MHz) : 888
DataType: Etotal dB





Antenna Photo

