

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	2024/10/14
编号 File No	24101401
版本 Revision	1.0

客 户 CUSTOMER:	Shenzhen Radiomaster Co., Ltd
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客户料号	XD-FL-00652
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品 名 PART NAME:	915/868MHz T Antenna (UNMARKED)
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供方料号 SUPPLIER NO:	S-RM-B05
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送样日期Date:	送样数量Q “TY:
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客户确认CUSTOMER APPROVED BY		
APPROVAL	CHIEF	SUPERVISOR

供方确认 SUPPLIER SIGNATURE		
APPROVAL	CHECK	DESIGN
Hunter	Luo	Liu

承认书项目表

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工程成品图

Drawing

CUSTOMER	RADIOMASTER	REV.	DESCRIPTION	DATE
PART NO	XD-FL-00652	▲	首次发行	2023-10-18
		RoHS Compliance		

107.4±0.2

12.0±0.2

80.0±2.0

1

2

3

4

5

5	Antenna Shell	PC+ABS, black	2
4	Upper Cap	PC+ABS, black	1
3	Coaxial Cable	RG-402 black	1
2	Bottom Base	PC+ABS, black	1
1	SMA Male Reverse	CU, black	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 (UNMARKED)

PART NO.: S-RM-B05

CHECKED BY: ZhangBiao

APPROVED BY: Dongsheng Zi yuan

DESIGNED BY:

DATE: 2023-09-03

UNITS: mm

SCALE: 1/1

REVISION: A

Tolerance

X X ±0.50

X XX±0.15

X° ±3°

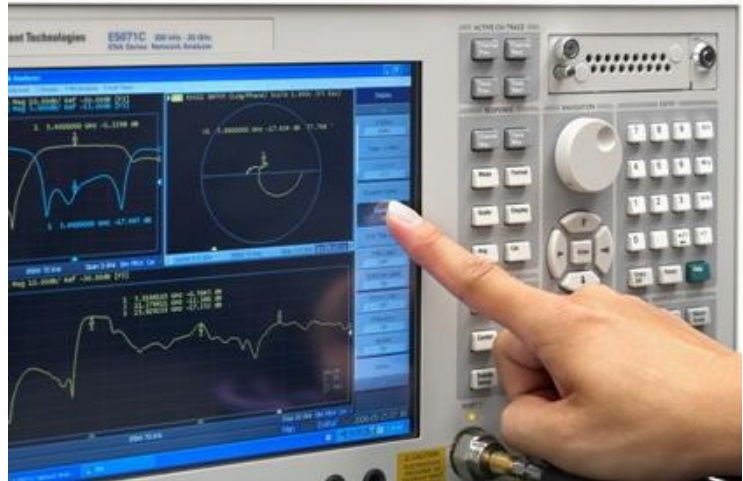
天线规格

Antenna Specification

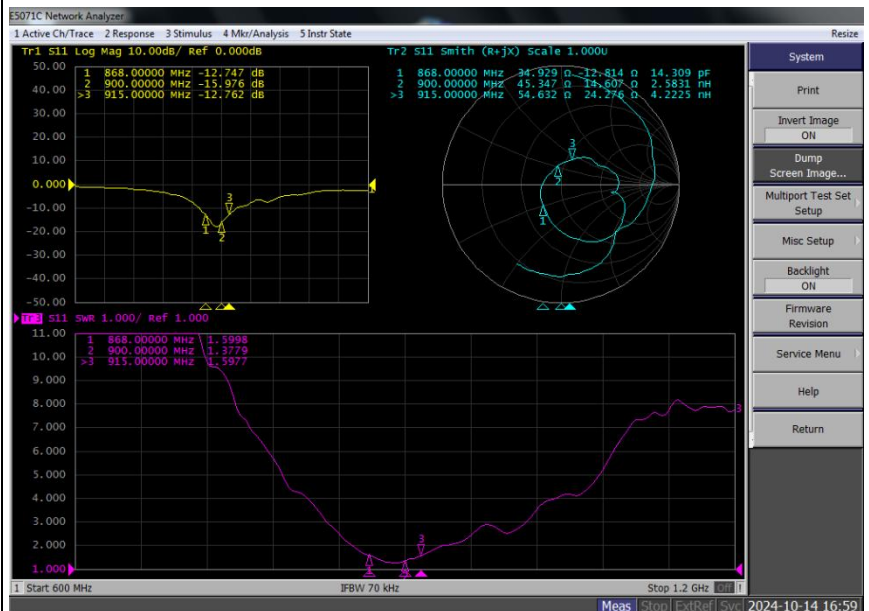
Electrical Properties	
Frequency	868~915MHz
Impedance	50 Ohm Nominal
V.S.W.R	≤2.0(Max)
Return Loss	≤-10(Max)
Radiation	Omni-directional
Gain (Peak)	≤1.63dBi(Max)
Polarization	Linear
Connector	SMA Male Reverse
Physical Properties	
Antenna Material	PC+ABS
Cable Type	RG-402
Operating Temp.	-10 ~ +60 °C
Storage Temp.	-10 ~ +70 °C
Cable Color	black

Antenna Performance Test

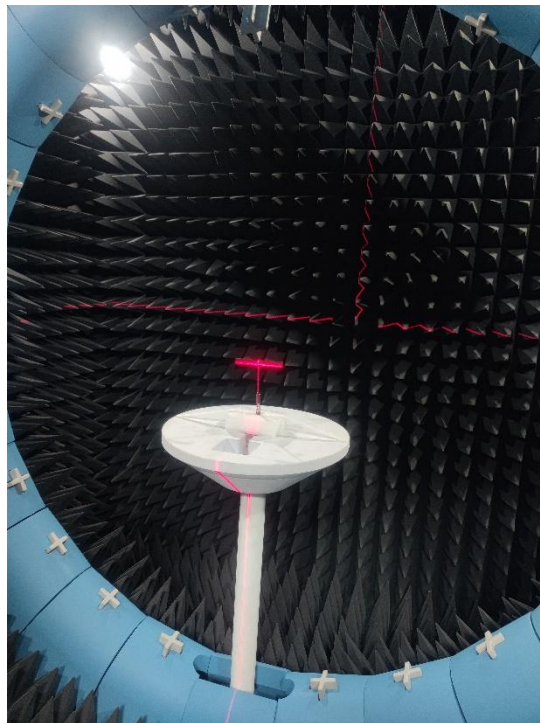
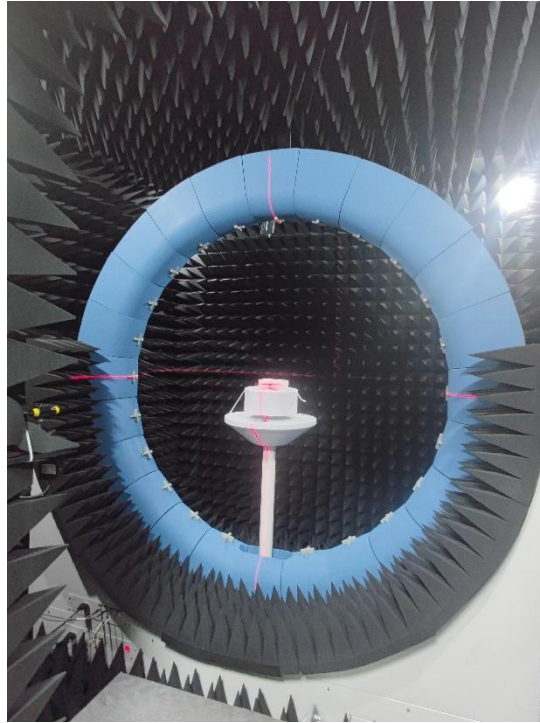
*Agilent
E5071C*



*S
Parameter
Test //
WIFI*



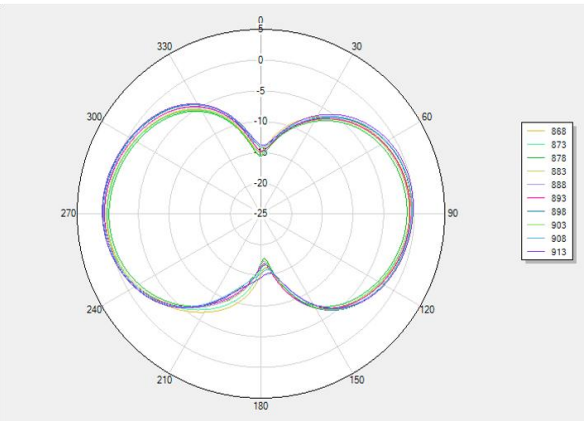
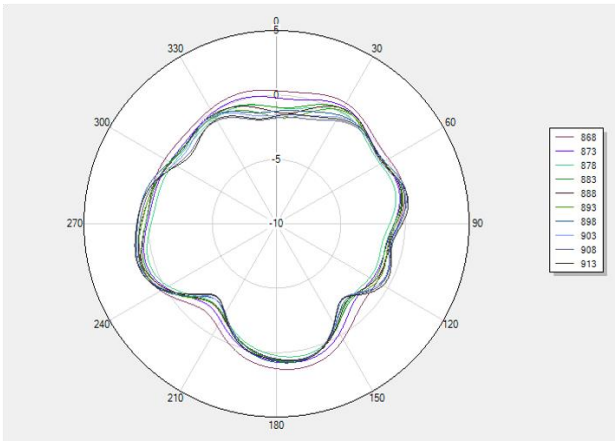
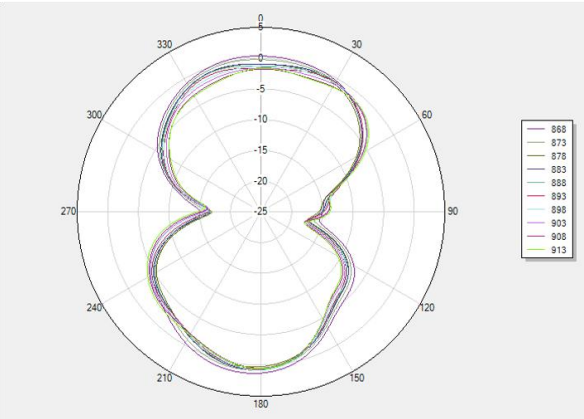
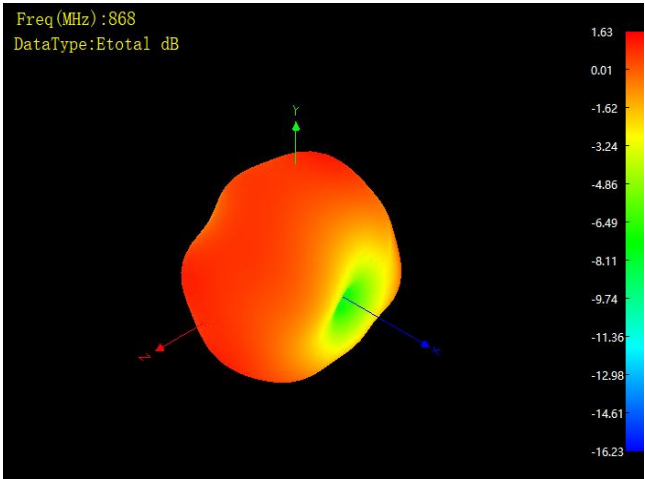
Antenna Passive Test

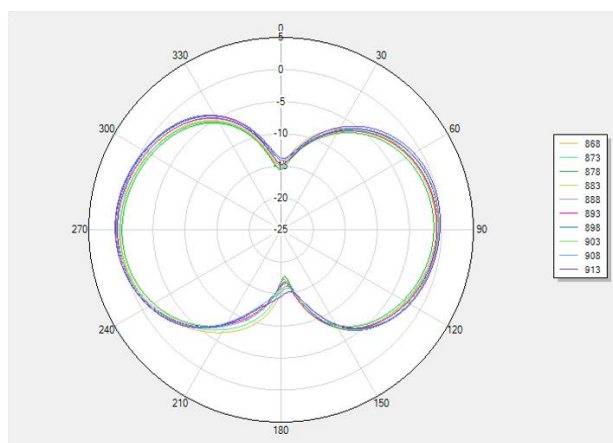
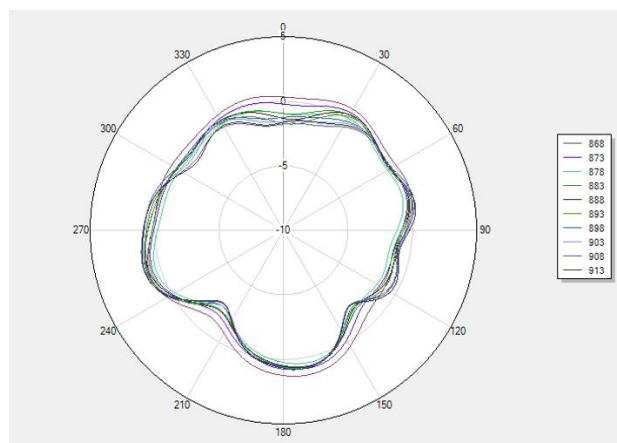
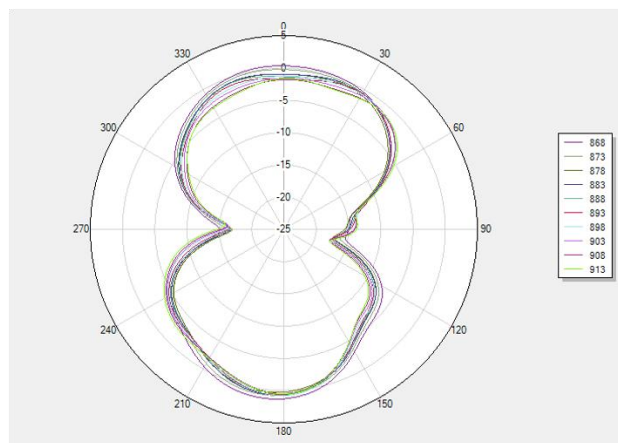
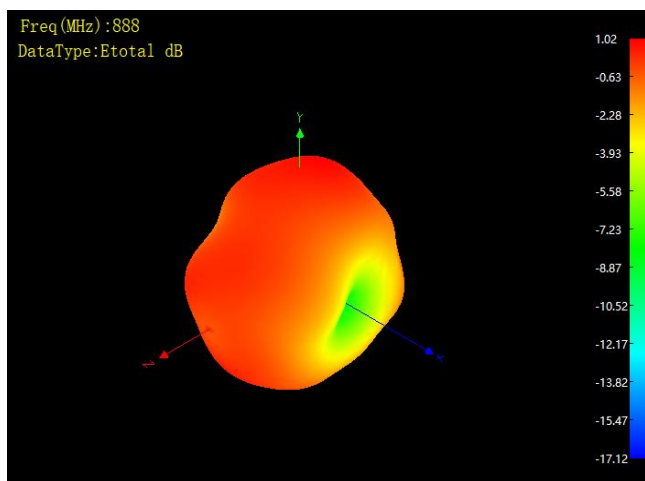


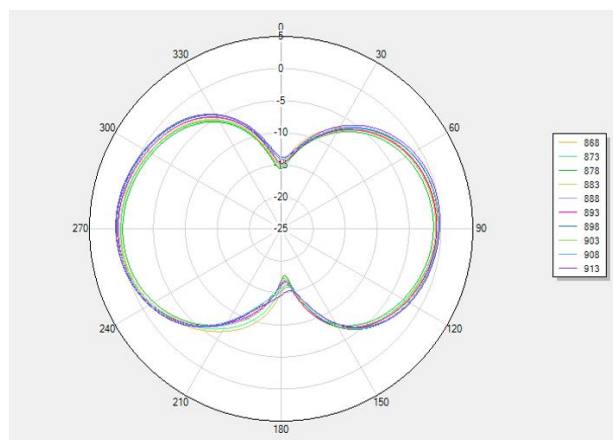
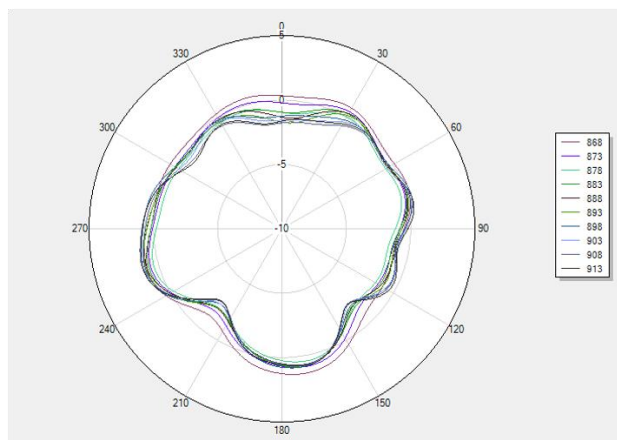
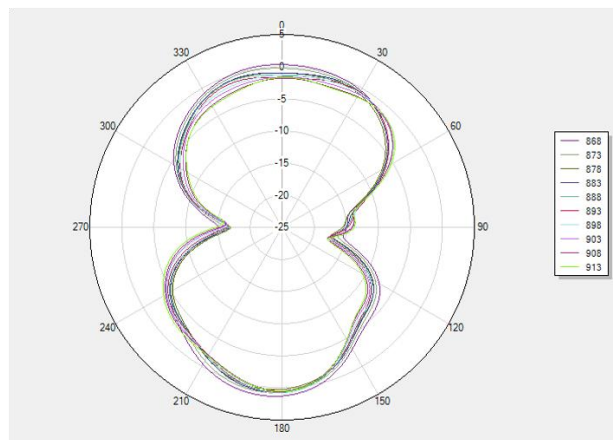
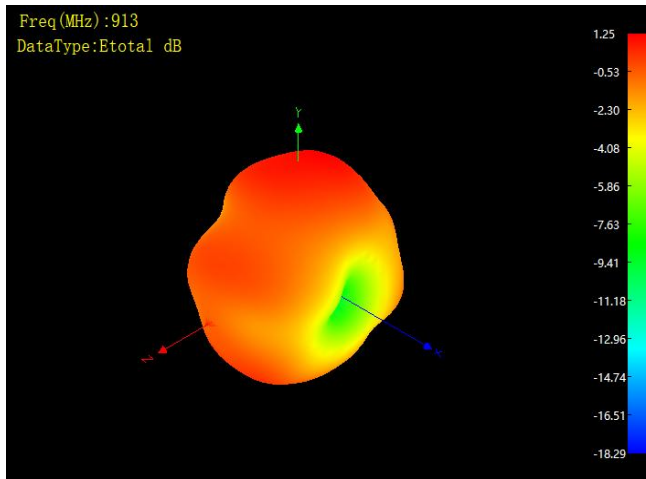
Passive Test For Antenna(915/868Mhz)

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
868	66.83	-1.75	1.63
873	60.95	-2.15	1.19
878	55.98	-2.52	0.82
883	59.57	-2.25	1.05
888	60.12	-2.21	1.04
893	59.84	-2.23	1.03
898	62.09	-2.07	1.2
903	60.81	-2.16	1.19
908	58.88	-2.3	1.35
930	60.39	-2.19	1.26

Antenna Radiation Pattern







Antenna Photo

