

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-00652

品名

915/868MHz T Antenna (UNMARKED)

PART NAME:

供方料号

S-RM-B05

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

Hunter

Luo

Liu

WE-RD-F01-A

承认书项目表

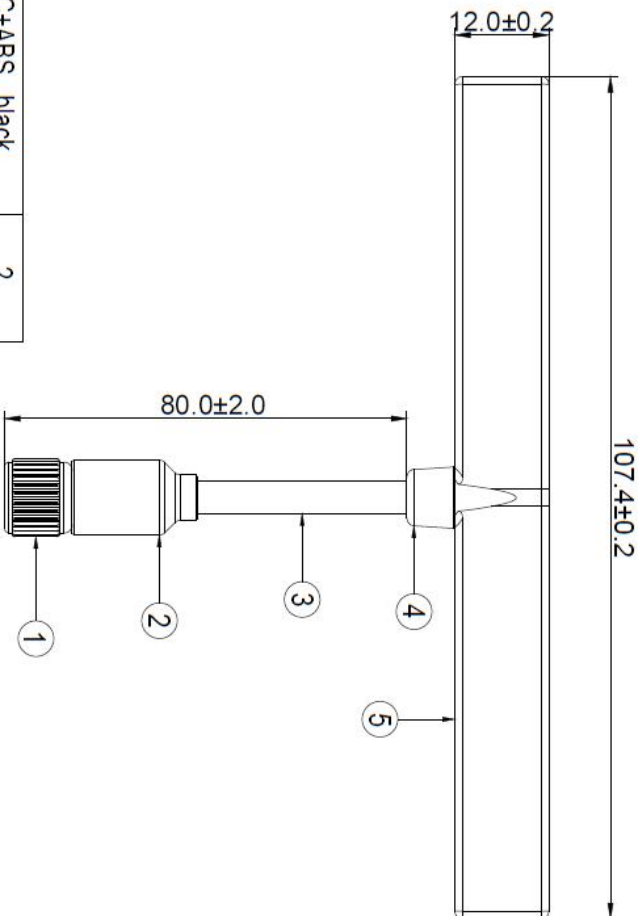
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12	-	-	-

工程成品图 Drawing

CUSTOMER RADIOMASTER
PART NO XD-FL-00652



REV.	DESCRIPTION	DATE
A	首次发行	2023-10-18



NO	PART NAME	DESCRIPTION	Q.TY
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

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	APPROVED BY	DESIGNED BY	DATE: 2023-09-03
ZhangBiao	Dongsheng	Ziyuan	
UNITS: mm		Tolerance	
SCALE: 1/1		X X ±0.50	
REVISION: A		X° XX±0.15	
		X° ±3°	

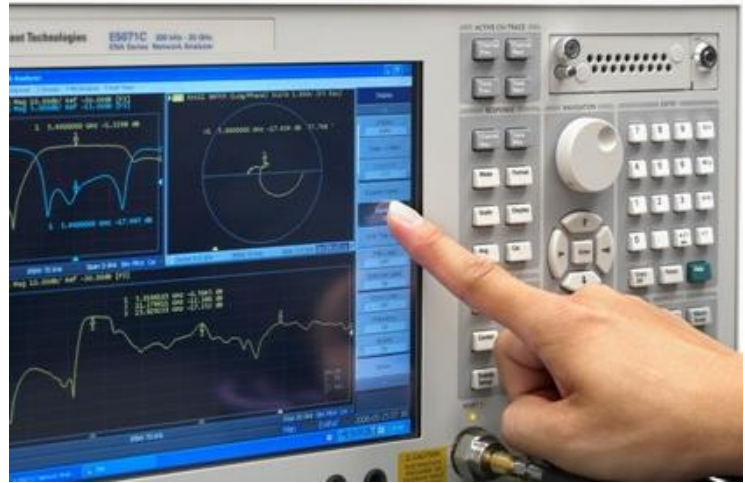
天线规格

Antenna Specification

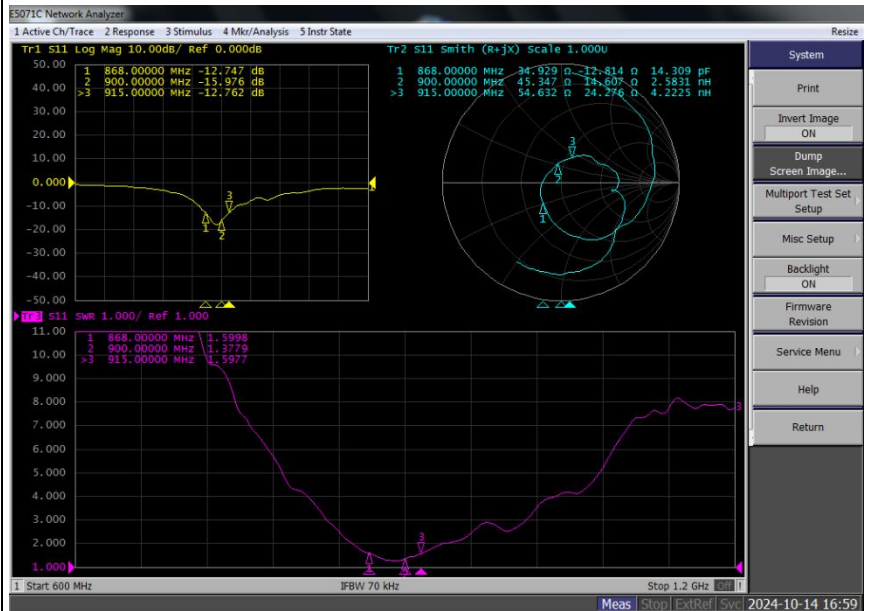
Electrical Properties	
Frequency	868~915MHz
Impedance	50 Ohm Nominal
V.S.W.R	≤2.0(Max)
Return Loss	≤-10(Max)
Radiation	Omni-directional
Gain (Peak)	≤1.63dBi(Max)
Polarization	Linear
Connector	SMA Male Reverse
Physical Properties	
Antenna Material	PC+ABS
Cable Type	RG-402
Operating Temp.	-10 ~ +60 °C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

Antenna Performance Test

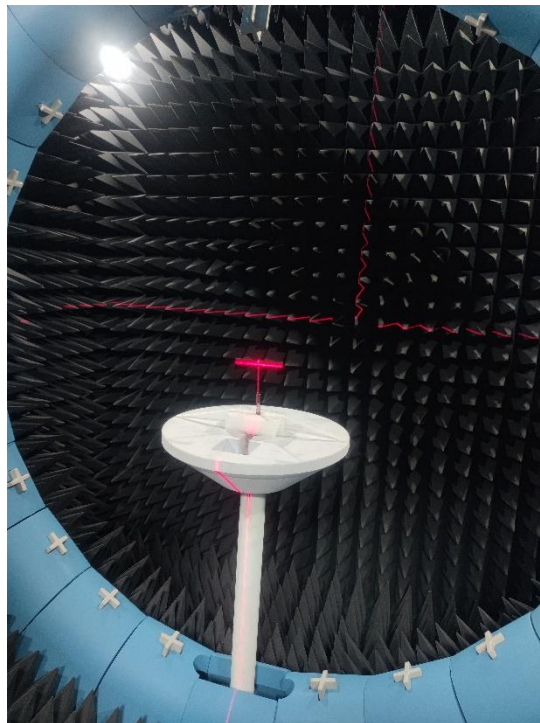
**Agilent
E5071C**



**S
Parameter
Test //
WIFI**



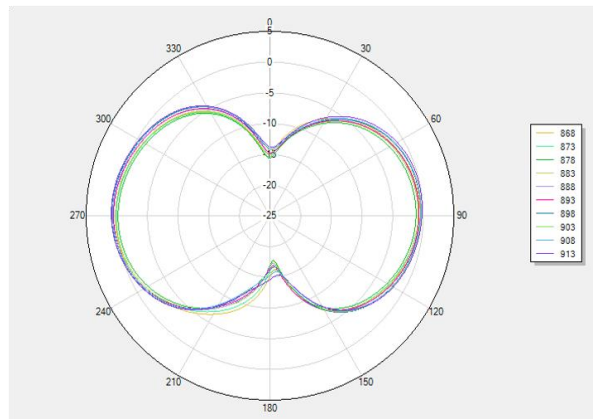
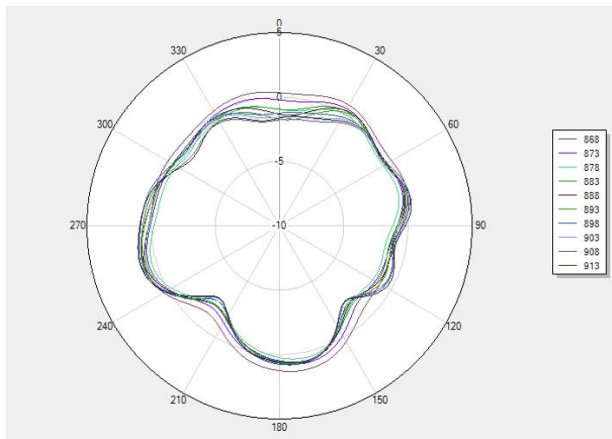
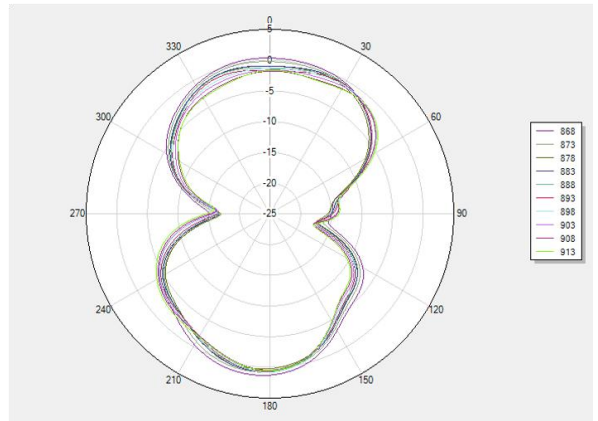
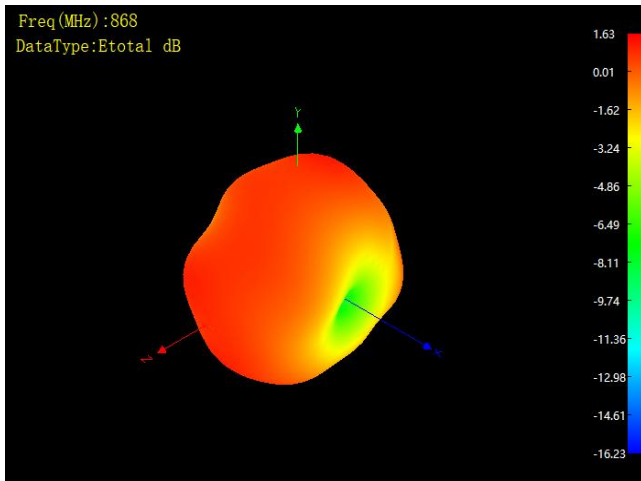
Antenna Passive Test

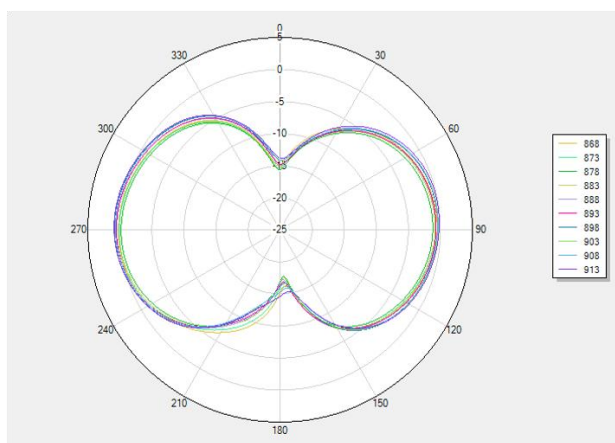
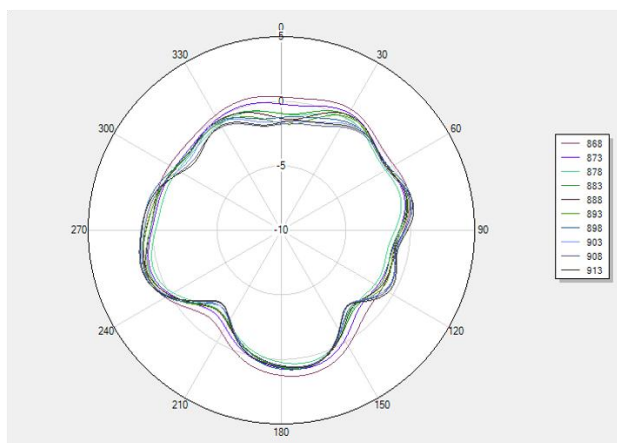
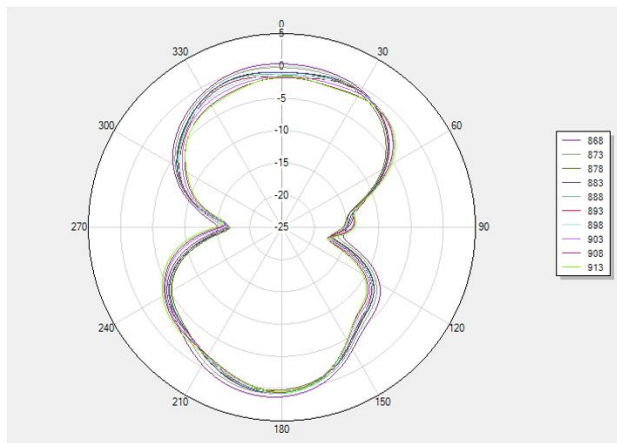
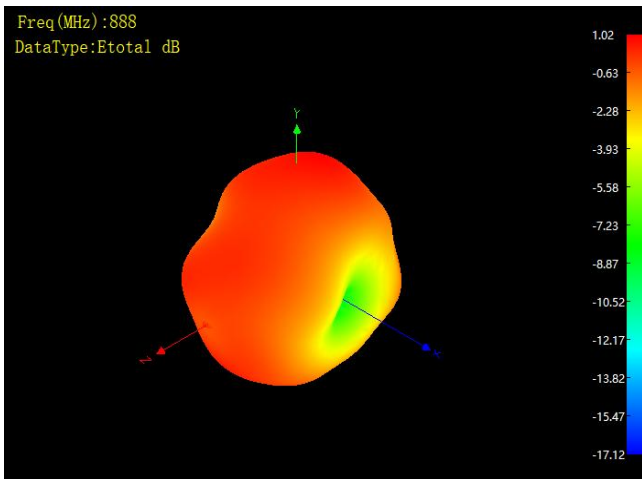


Passive Test For Antenna(915/868Mhz)

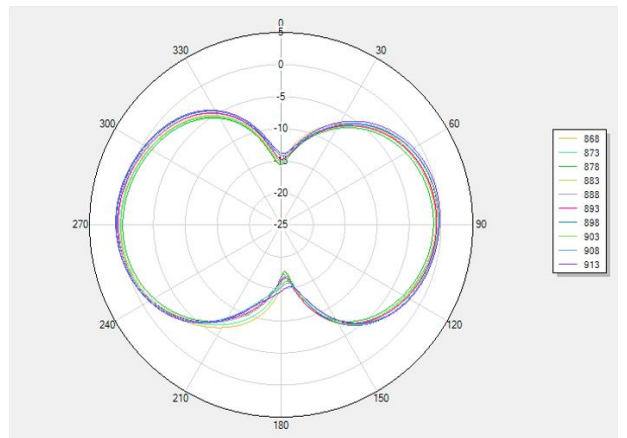
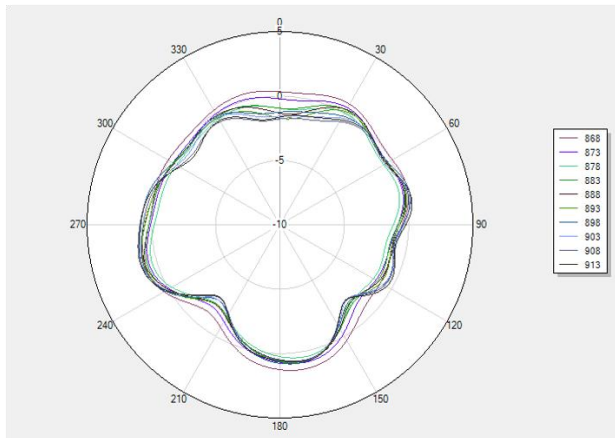
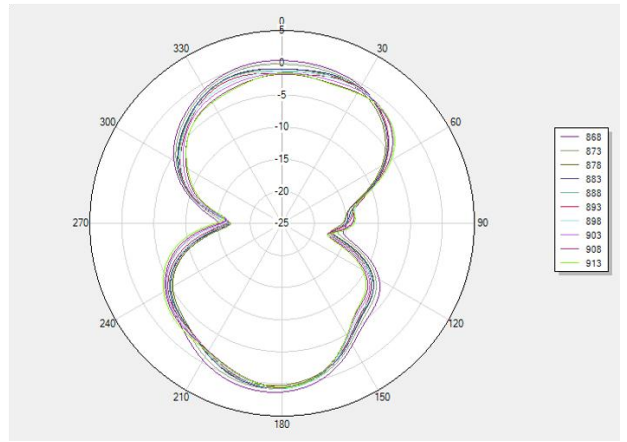
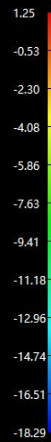
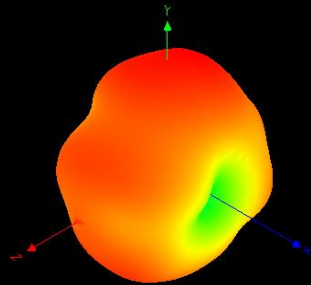
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
868	66.83	-1.75	1.63
873	60.95	-2.15	1.19
878	55.98	-2.52	0.82
883	59.57	-2.25	1.05
888	60.12	-2.21	1.04
893	59.84	-2.23	1.03
898	62.09	-2.07	1.2
903	60.81	-2.16	1.19
908	58.88	-2.3	1.09
930	60.39	-2.19	1.35

Antenna Radiation Pattern





Freq (MHz): 913
DataType: Etotal dB



Antenna Photo

