



规格承认书

SPECIFICATION FOR APPROVAL

日期 Date	2024/12/03
编号 File No	24120301
版本 Revision	1.0

客户
CUSTOMER: 无尽瓦特

客户料号
CUSTOMER NO:

品名
PART NAME: 863-930MHz Antenna

供方料号
SUPPLIER NO: YJW05.003.005.101A

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	XieLi	ChenXingyi

YJ-RD-F04-A





承认书项目表

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11	N/A	N/A	N/A
12	-	-	-
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Compatible

REV.	DESCRIPTION	DATE
A	首次发行	2024-10-17



东莞市一佳电子通讯科技有限公司
DONGGUAN YIJIA ELECTRONICS COMMUNICATION TECHNOLOGY CO., LTD

5	Antenna Cap	TPE ,Color:White	PLA10004A.W01	1
4	Upper Base	PC, Color:White	PLA10020A.W01	1
3	Rivet	POM, Color:White	PIN10001A.W01	2
2	Bottom Base	PC, Color:White	PLA10030A.W01	1
1	SMA Male	POM, White	CON10134A.W01	1
NO	PART NAME	DESCRIPTION	Part Number	Q.TY

PART NAME: 863-930MHz Antenna				
PART NO.: YJW05.003.005.101A			DATE: 2024-10-17	
APPROVED BY	CHECKED BY	DESIGNED BY		Tolerance
殷 涛	雷志勤	陈兴易	UNITS: mm	X.X ±0.50
			SCALE: 1/1	X.XX±0.15
			REVISION: A	X° ±3°



天线规格 Antenna Specification

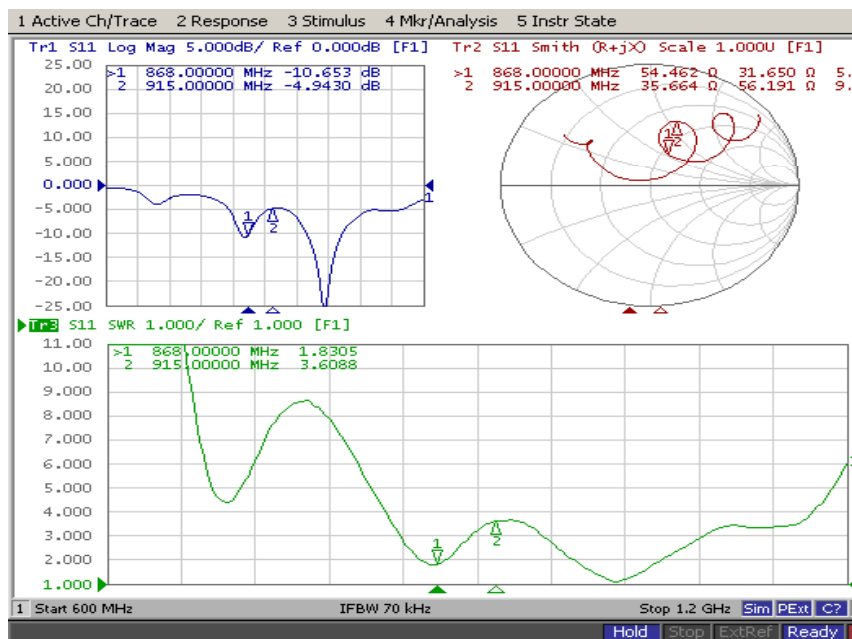
Electrical Properties	
Frequency	863-930MHz
Impedance	50 Ohm Nominal
V.S.W.R	4.0 Max
Gain	2.7 dBi
Radiation	Omni-directional
Polarization	Linear
Physical Properties	
Connector	SMA Male
Cable Type	None
Cable Length	None
Cable Color	None
Operating Temp.	-40 ~ +85 °C
Storage Temp / Humidity	25±5°C / <70%





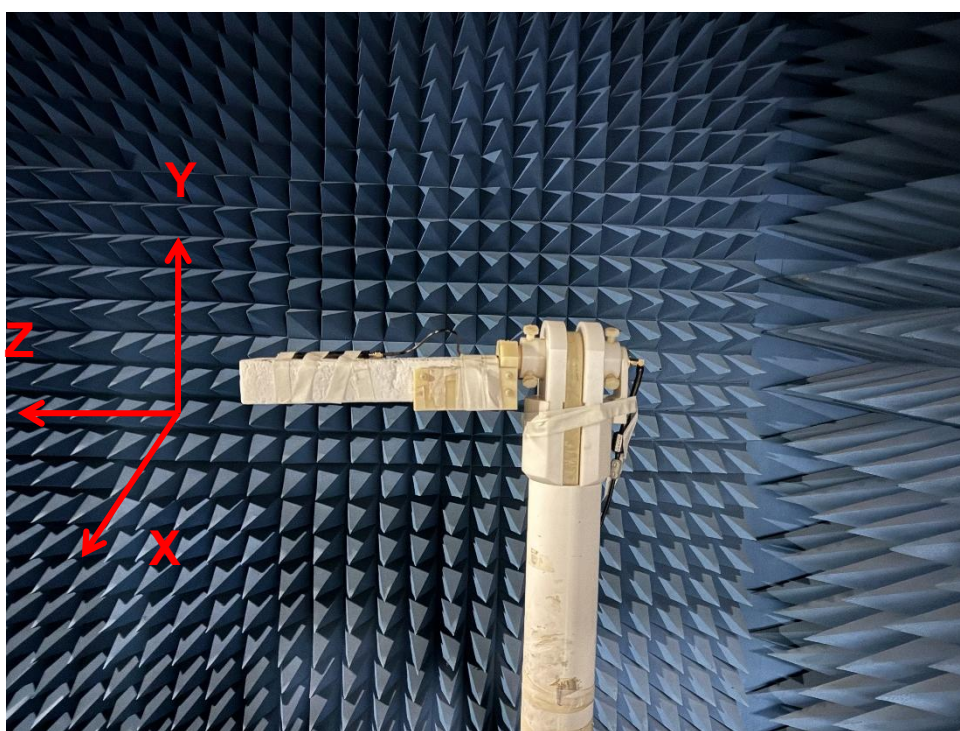
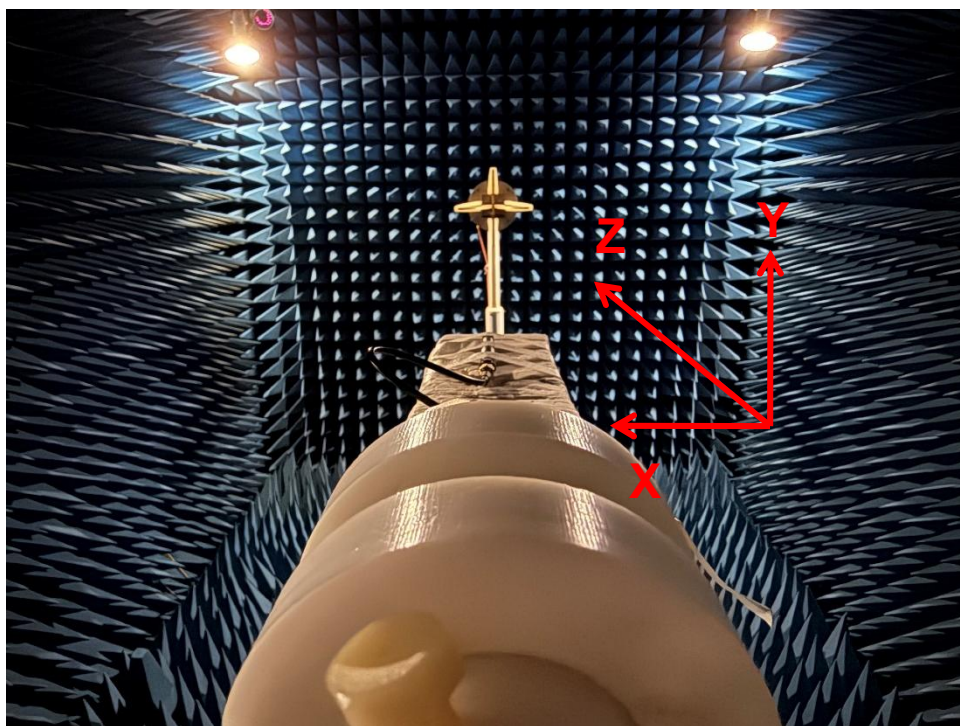
Antenna Performance Test

**Agilent
E5071C
S
Parameter
Test //**
**863MHz-
930MHz
Antenna**





Antenna Passive Test





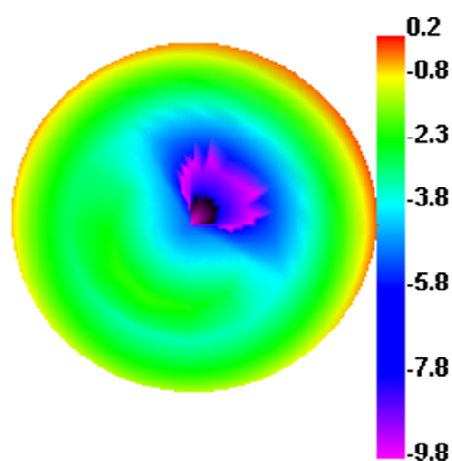
Passive Test For 863MHz-930MHz Antenna			
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
860	45.1	-3.5	0.2
870	54.0	-2.7	0.7
880	62.2	-2.1	1.2
890	66.7	-1.8	1.5
900	71.9	-1.4	1.6
910	76.2	-1.2	1.9
920	79.3	-1.0	2.7
930	76.7	-1.2	2.7
940	71.7	-1.4	2.7
950	66.0	-1.8	2.3
960	57.9	-2.4	1.9



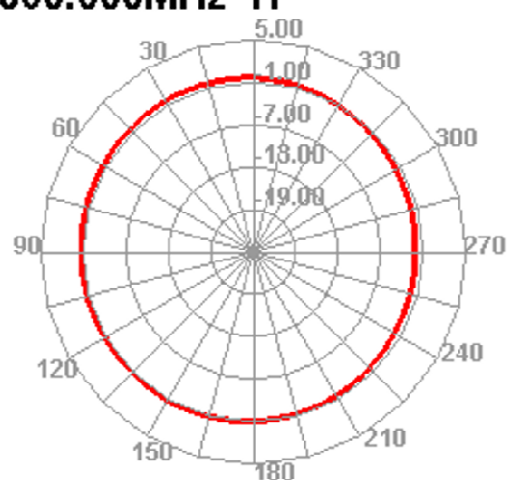


Radiation Pattern For 863MHz-930MHz Antenna

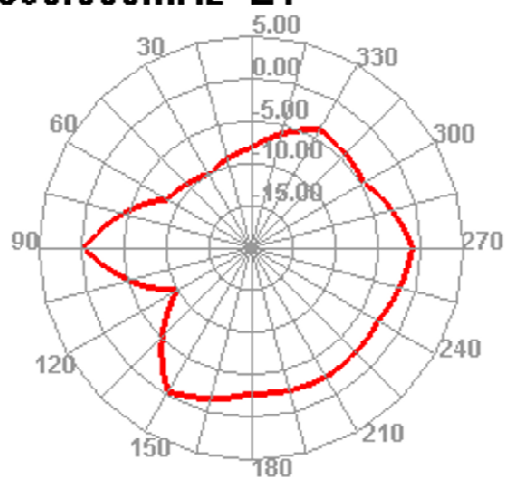
860.000MHz



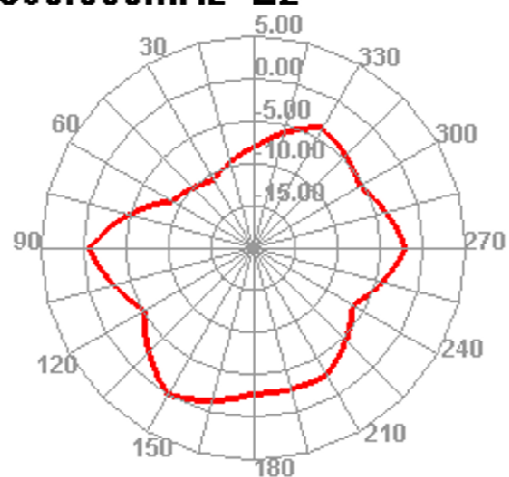
860.000MHz H



860.000MHz E1



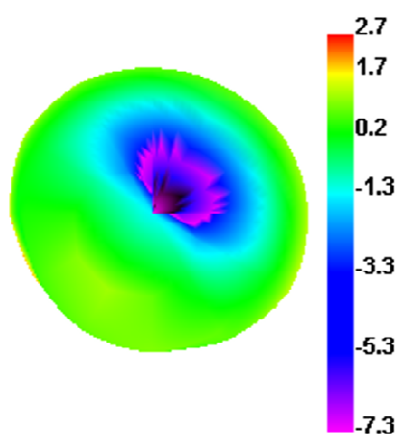
860.000MHz E2



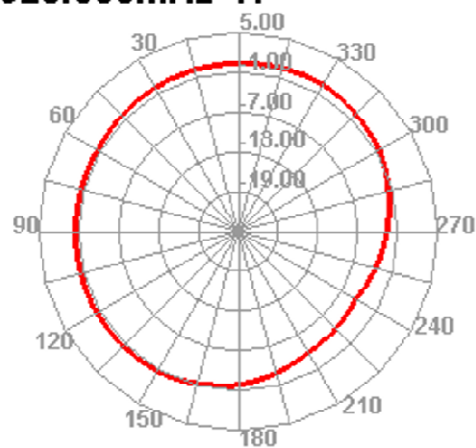


Radiation Pattern For 863MHz-930MHz Antenna

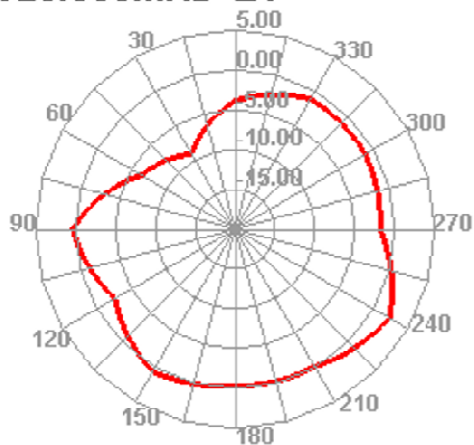
920.000MHz



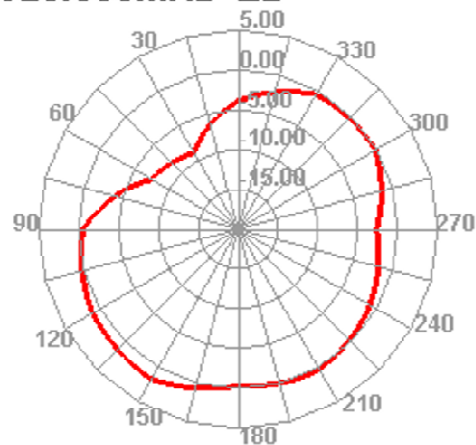
920.000MHz H



920.000MHz E1



920.000MHz E2





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***863MHz
-
930MHz
Antenna***



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863MHz-930MHz Antenna



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