



深圳市联笙科技有限公司

ShengZhen LianSheng Technology Co.,Ltd.

规格承认书

SPECIFICATION FOR APPROVAL

日期 Date 2022/03/10

编号 File No SA000909

版本 Revision 1.0

客户

CUSTOMER: SHENZHEN SILVER STAR INTELLIGENT GROUP CO.LTD.

客户料号

2406008000019

CUSTOMER NO: _____

品名

WIFI Antenna L=223MM

供方料号

LSP.A1130.B113.01

送样日期 Date:

送样数量 Q"TY:

PCS

客户确认 CUSTOMER APPROVED BY		
APPROVAL	CHIEF	SUPERVISOR
供方确认 SUPPLIER SIGNATURE		
APPROVAL	CHECK	DESIGN
ChenGuoqiang	WenXue	ChenXingcheng

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承认书项目表

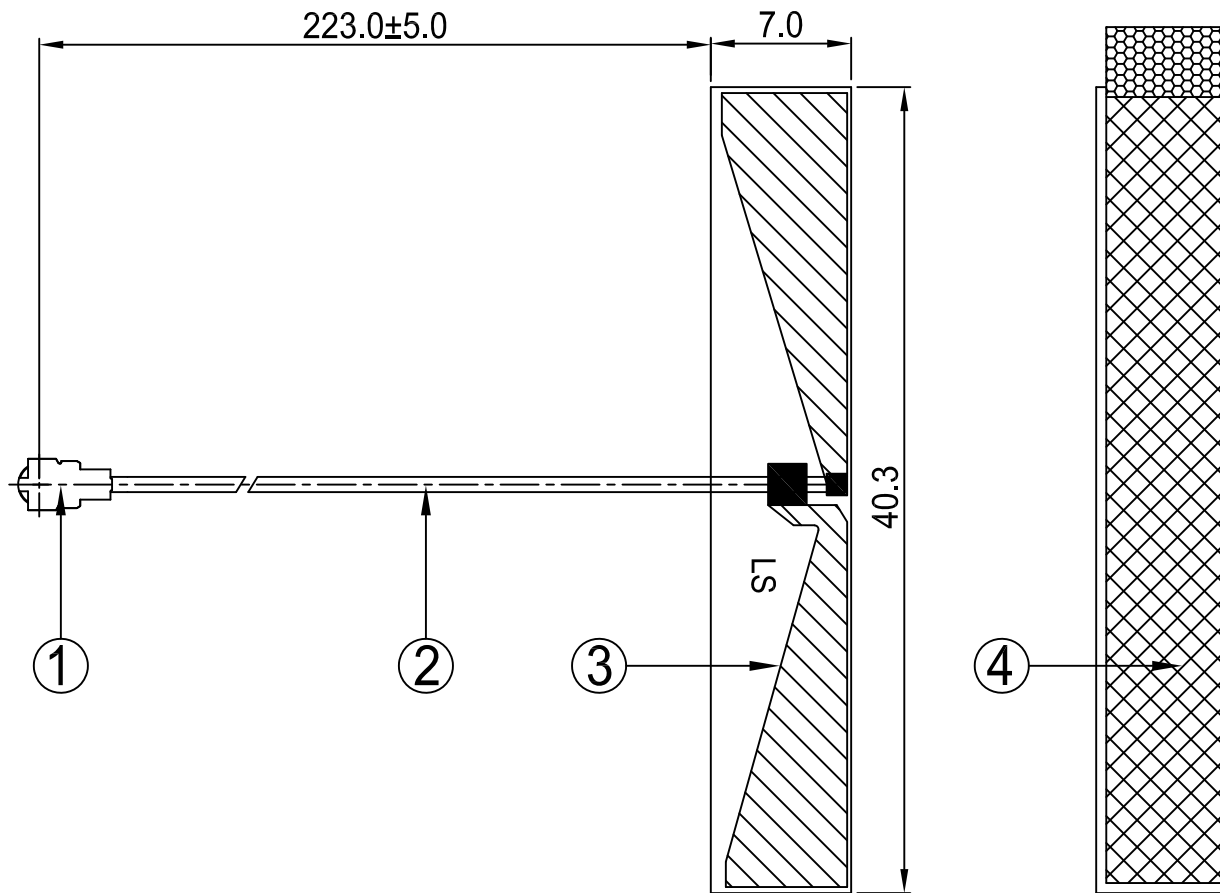
Specificaton Item

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11	-	-	-
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13	-	-	-

RoHS
Compatible

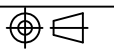
CUSTOMER	
PART NO	

REV.	DESCRIPTION	DATE
△	First time to issue	2022-03-10
△		



4	Paster	38.0*7.0MM	3M4229P	PAS1013XA.P01	1
3	PCB	40.3*7.0*0.8MM	PCB	PCB1028XA.P01	1
2	Coaxial Cable	O.D.1.13 Black Low Loss	O.D.1.13	COA10001A.P01	1
1	Mini Connector	Au Plated 1代	Cu	TER10001A.P01	1
NO	PART NAME	DESCRIPTION	Material	Part Number	Q.TY


深圳市联笙科技有限公司 Tel:0755-82885545
 ShengZhen LianSheng Technology Co.,Ltd. MP:13823198410

PART NAME: WIFI Antenna L=223MM MHF			
PART NO.: LSP.A1130.B113.01		DATE: 2022-03-10	
APPROVED BY	CHECKED BY	DESIGNED BY	 Tolerance X.X ±0.50 X.XX±0.15 X° ±3°
Shane	Zhou Yingjie	Liao Guangxi	
UNITS: mm SCALE: 1/1 REVISION: A			

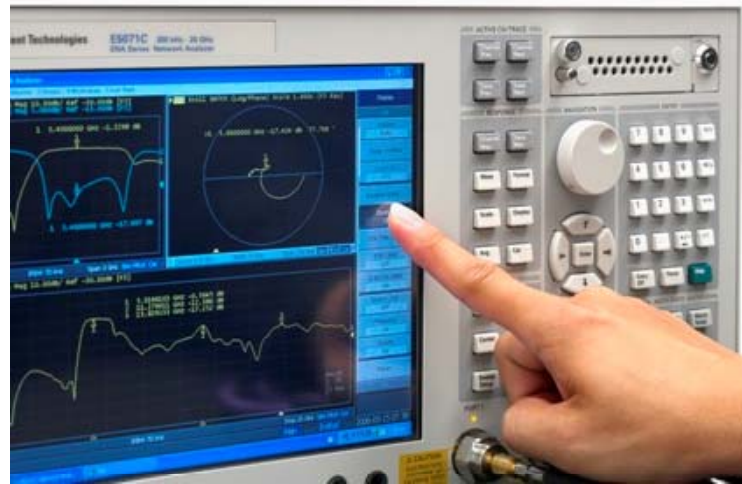
天线规格

Antenna Specification

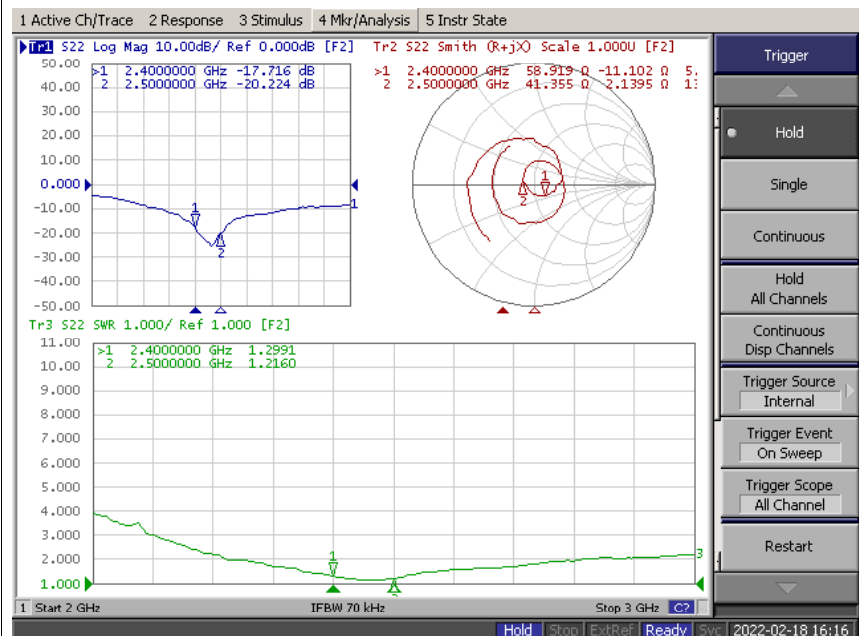
Electrical Properties	
Frequency	2.4-2.5GHz
Impedance	50 Ohm Nominal
V.S.W.R	2.0 Max
Gain	4.2dBi
Radiation	Omni-directional
Polarization	Linear
Physical Properties	
Connector	1代IPEX
Cable Type	O.D.1.13mm Low Loss
Cable Length	223mm
Cable Color	Black
Operating Temp.	-40 ~ +85 °C
Storage Temp / Humidity	25±5°C / <70%

Antenna Performance Test

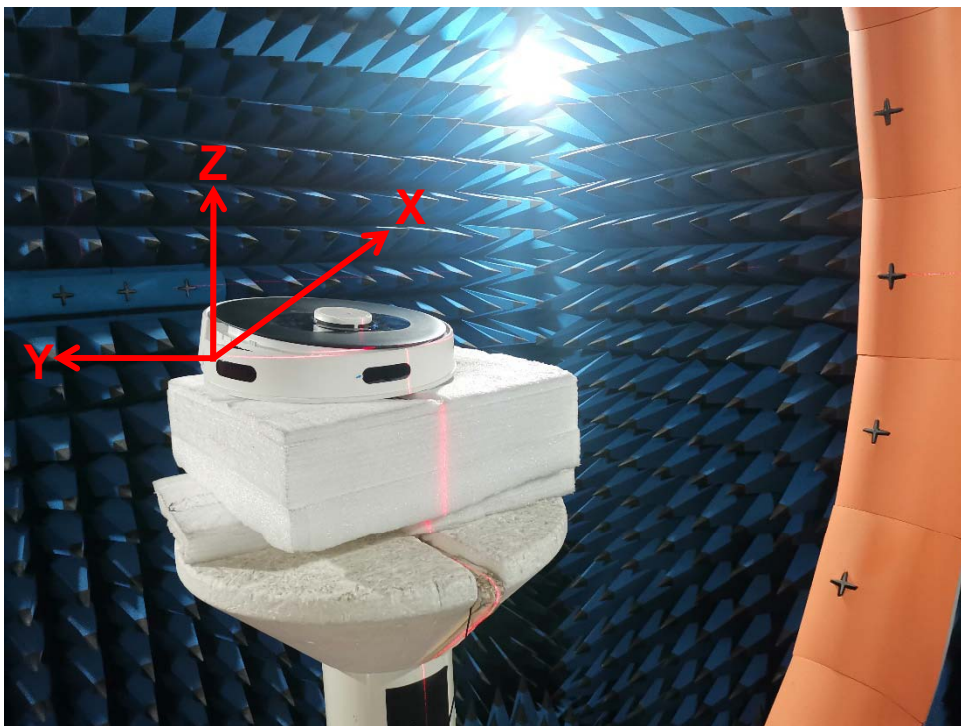
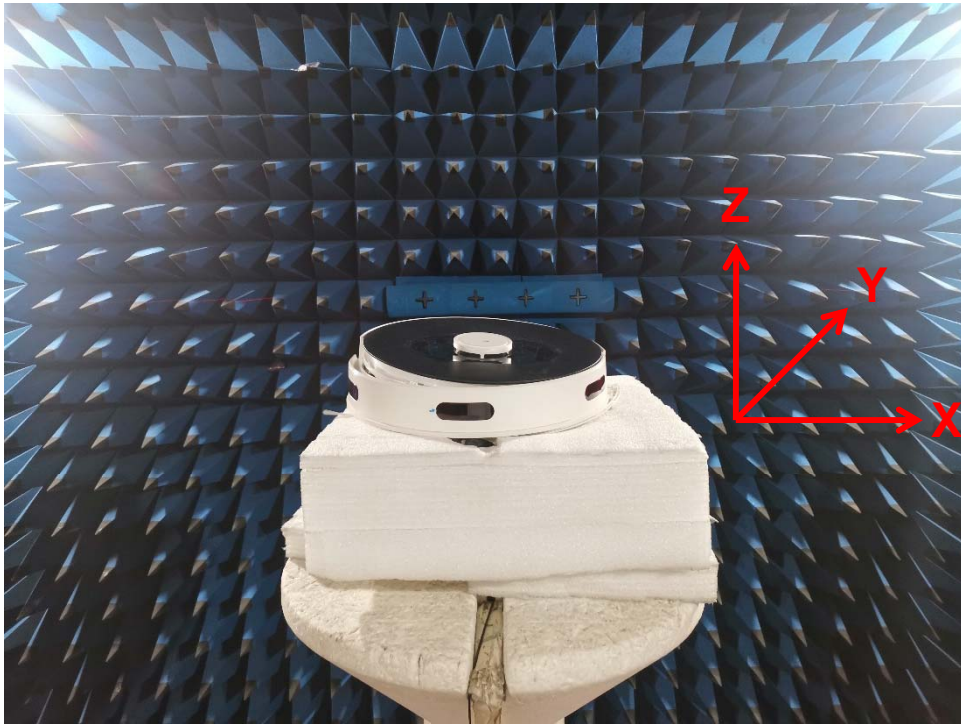
**Agilent
E5071B**



**S
Parameter
Test //
WIFI
Antenna**



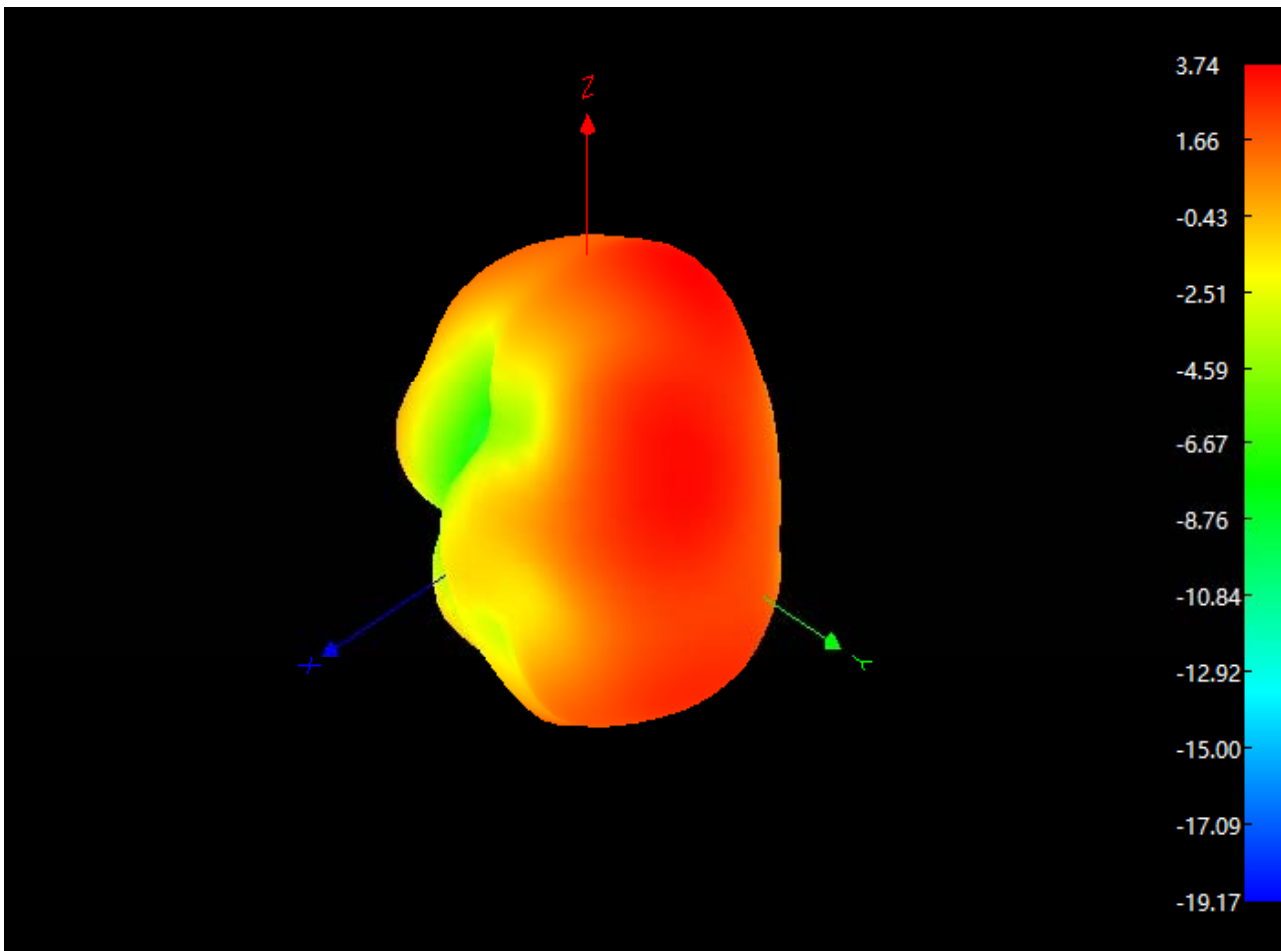
Antenna Passive Test



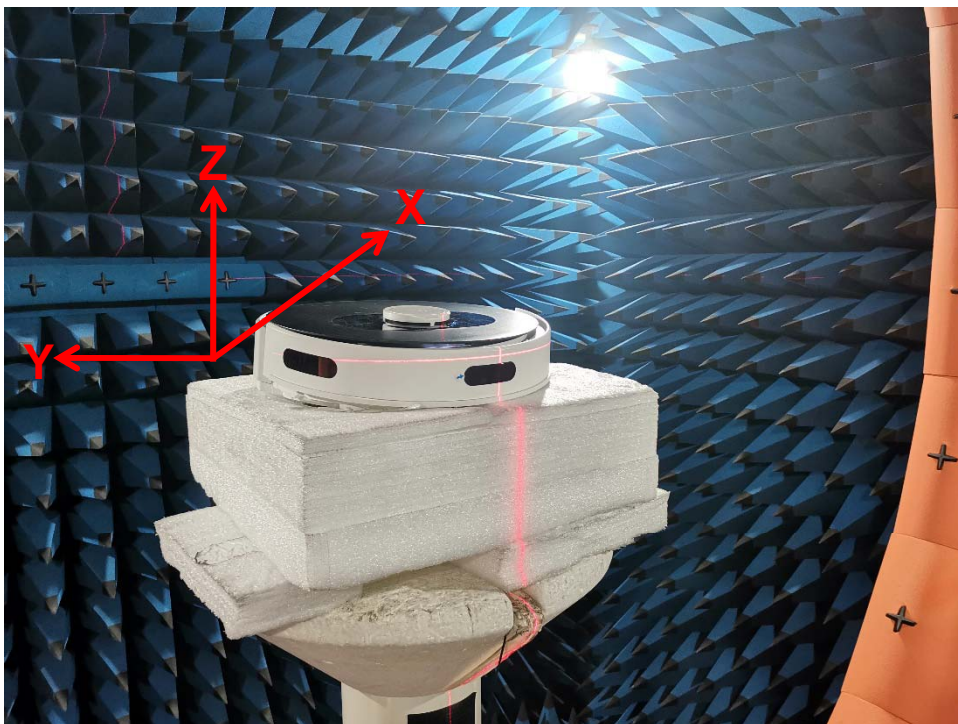
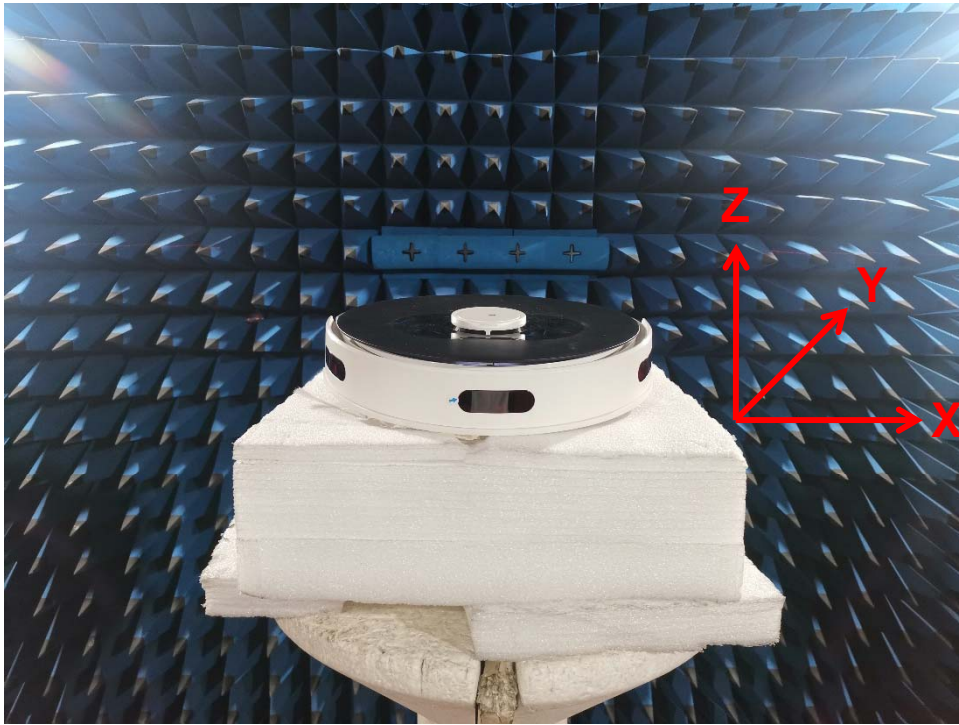
Passive Test For WiFi Antenna(2.4G)

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	67.8	-1.7	4.2
2410	67.8	-1.7	4.1
2420	67.9	-1.7	4.0
2430	66.8	-1.8	3.9
2440	65.0	-1.9	3.8
2450	65.9	-1.8	3.7
2460	64.3	-1.9	3.8
2470	65.0	-1.9	3.7
2480	63.5	-2.0	3.8
2490	64.9	-1.9	4.0
2500	63.1	-2.0	4.1

Radiation Pattern For WIFI Antenna(2450MHz)



Antenna Active Test



Active Test For WIFI Antenna

Band	Channel	Data Rate	TRP	Data Rate	TIS
WIFI 2.4G 802.11g	1		14.4		-71.0
	6	6Mbps	14.7	54Mbps	-70.7
	11		14.6		-71.0



WIFI Antenna