

规格承认

SPECIFICATION FOR APPROVAL

客户 Customer	西洁微
项目名称 Project Name	PT3
客户料号 Customer NO.	
规格 specification	433MHz弹簧天线
供方料号 Supplier NO.	NOZ-1823-ROA
规格书编号 Specification NO.	
编写人 Write by	周洪亮
版本 REV.	Ver.1
日期 Date	2023-05-24
备注 Note	

客户确认 CUSTOMER APPROVED BY		
批准 Approved by	审核 Checked by	制表 Prepared by
供方确认 SUPPLIER APPROVED BY		
批准 Approved by	审核 Checked by	制表 Prepared by

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版本变更记录

变更日期	变更内容	版本	变更人	批准人

1. 承认书项目表 (Index)

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1. 试验设备和条件(Test Equipment & Conditions)

1.1. Network Analyzers : KEYSIGHT P5002A

1.2. Communications Test Set: R&S CMW 500



1.3. 3D Chamber Test System: 64探头测试系统

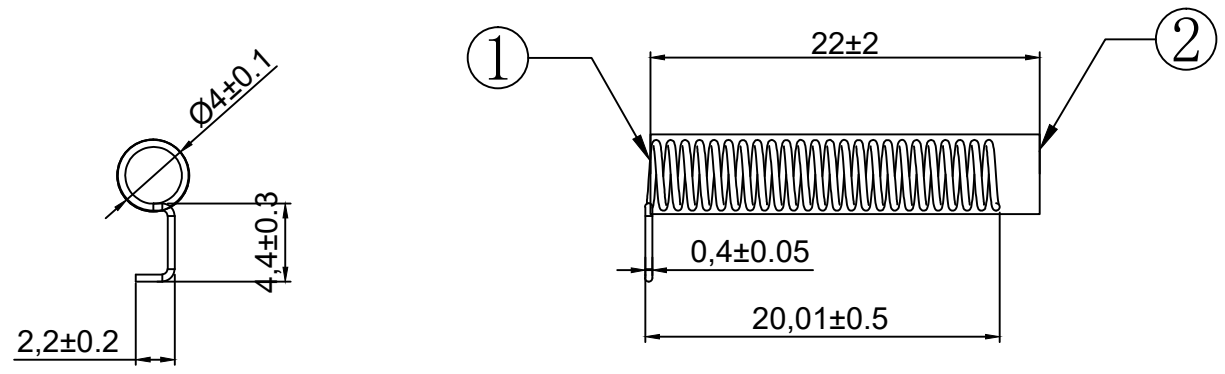


2. 样机结构说明件(Mechanical instruction)



Rev	Description	Date	Remark
A	New drawing		

 铜箔单面绿油
 馈线焊盘，露铜箔



技术要求:

1. 标“*”尺寸为重点管控尺寸;
2. 未标注尺寸依照图纸;
3. 无虚焊、假焊、连锡、短路、断路等焊接不良现象;
4. 所有部件需符合RoHS要求;
5. 成品需全检性能。

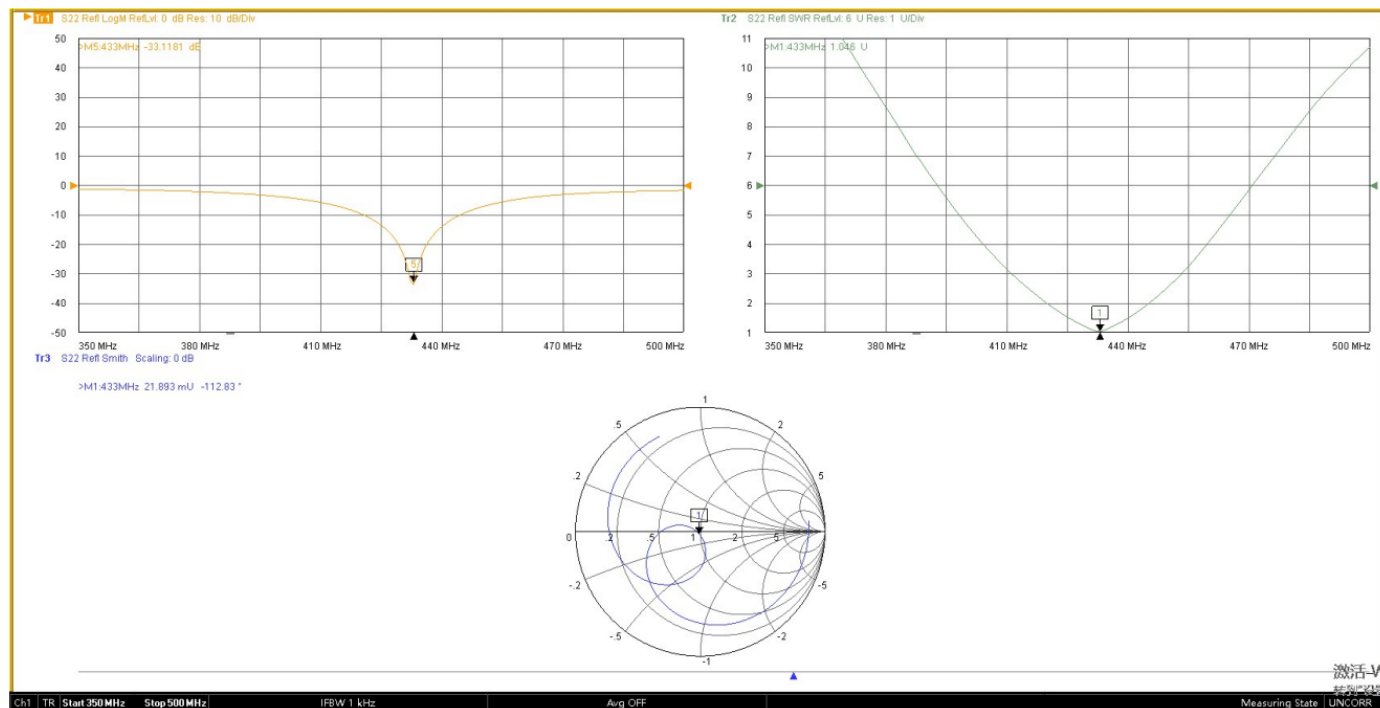
4					
3					
2		发射弹簧热缩管	Ø3.5热缩套管 L=22MM	1	
1		发射弹簧	Ø0.4mm, 碳钢	1	
No.	Part No.	Name	Specification	Amount	Remark

Third Angle		Project	PT3寻狗器	Date	2023-05-24		
0~10	±0.05	Part Name	发射弹簧天线	Designed by	李海波		
10~18	±0.10	Part No.	NOZ-1823-ROA	Checked by	RF	周洪亮	
18~30	±0.12	Material	/		PE		
30~40	±0.15	DWG No.	NOZ-1823-ROA	Approved by			
40~	±0.20			Unit	mm	Scale	1:1

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3. 433MHz S11 驻波图:



4. 433MHz天线 增益/效率

Frequency (MHz)	Gain (dBi)	Efficiency (%)
420.0	-6.01	10.34
421.0	-5.72	10.74
422.0	-5.47	11.15
423.0	-5.23	11.59
424.0	-5.03	12.05
425.0	-4.84	12.50
426.0	-4.70	12.86
427.0	-4.59	13.18
428.0	-4.48	13.51
429.0	-4.39	13.83
430.0	-4.31	14.17
431.0	-4.27	14.45
432.0	-4.26	14.72
433.0	-4.27	14.99
434.0	-4.22	15.28
435.0	-4.08	15.48
436.0	-3.91	15.65
437.0	-3.76	15.90
438.0	-3.65	16.17
439.0	-3.54	16.44
440.0	-3.46	16.68
441.0	-3.39	16.85
442.0	-3.33	16.99
443.0	-3.30	17.09
444.0	-3.28	17.15
445.0	-3.27	17.14
446.0	-3.27	17.09
447.0	-3.28	16.97
448.0	-3.31	16.80
449.0	-3.35	16.56
450.0	-3.39	16.27

3D Pattern

