

产 品 规 格 书

PRODUCT SPECIFICATION SHEET

客 户 名 称 : _____

产 品 名 称 : 2.4GHz Antenna L=300mm MHF

产 品 料 号 : LY-A108-300

客 户 料 号 : _____

送 样 日 期 : 2023-01-10

工程确认：

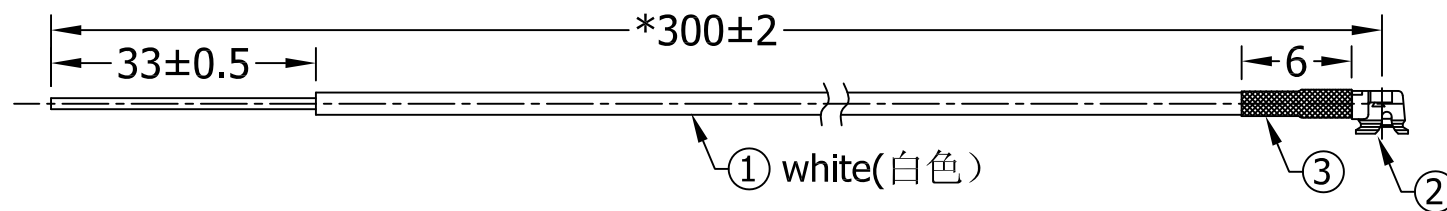
核准	工程	制作	签章
Approval	Quality	Engineer	

客户确认：

核准	研发	品质	签章
确认结果： ☐ 合格 ☐ 不合格 ☐ 其它			

RoHS Compliant

REV	DATE	DESCRIPTION
A	01/10-2023	



Specification:
Frequency Rang:2.4~2.5GHz
Return Loss:-10dB or less
VSWR:1.92 Max
Gain:1.5 dBi

3	HSTUBE		∅ 1.5*6mm	1
2	Connector	CONN	U.FL Au Plated	1
1	Cable	RG1.13	white(白色)	1
No.	Description	Material	Finished	Q'ty

蓝一通讯科技有限公司 LANYI COMMUNICATION TECHNOLOGY CO.,LTD				Tel:0769-81239683 13538581887	
TITLE: 2.4GHz Antenna L=300mm					
PART NO.: LY-A108-300			DWG NAME:LY-A108.dwg		
APPROVED BY	CHECKED BY	DESIDNED BY		Tolerance	
		马 兰	UNITS: mm	X. ±1.0	
			SCALE: 1/1	X.X ±0.5	
			REVISION: A	X.XX ±0.2	

RF Antenna Cable Assembly

Specification

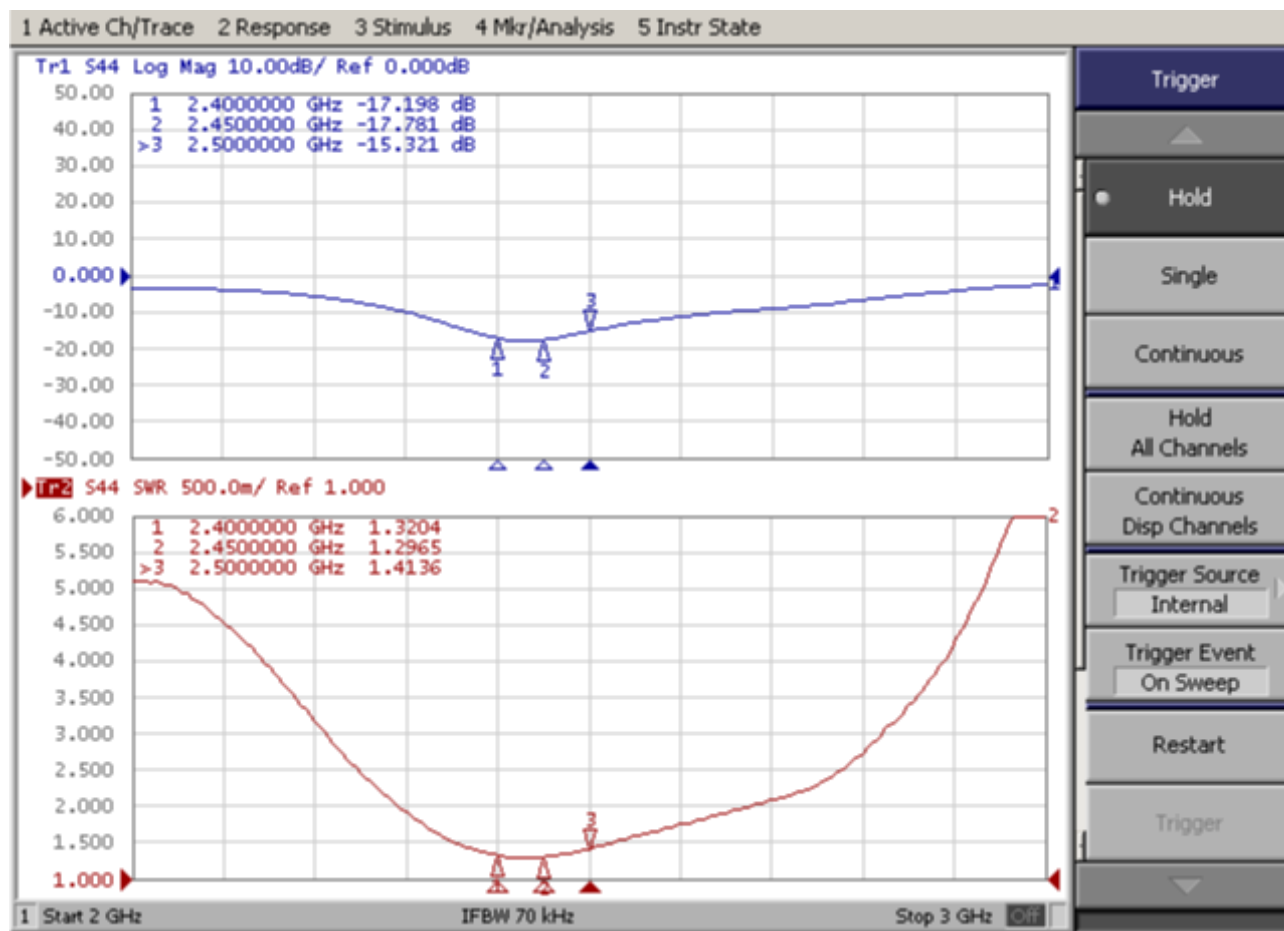
1. Electrical Properties

- 1.1 Frequency Range.....2.4GHz-2.5GHz
- 1.2 Impedance.....50 Ω Nominal
- 1.3 VSWR.....1.92:1MAX
- 1.4 Return Loss.....-10dB Max
- 1.5 Gain(peak)1.5dBi
- 1.6 Cable loss.....0.3dBi Max
- 1.7 Polarization.....Linear Vertical
- 1.8 Admitted Power.....2W
- 1.9 Cable.....0. D 1.13(white)
- 1.10 Conn.....MHF(IPEX-1)

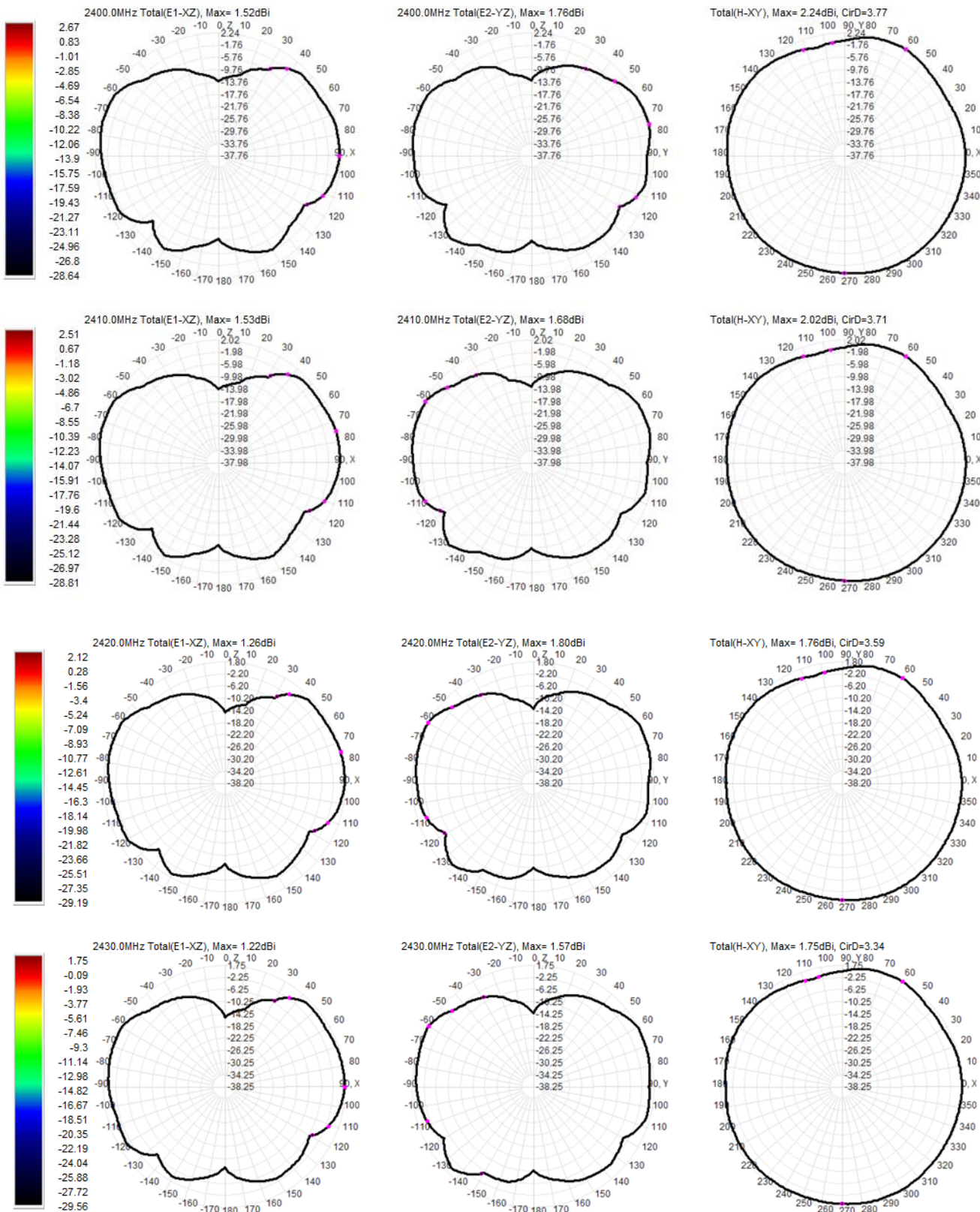
2. Physical Properties:

- 2.1 Antenna Material.....CU
- 2.4 Operating Temp.....-40 $^{\circ}$ C- +80 $^{\circ}$ C

RF Antenna Assembly
SPEC:2.4~2.5GHz
S.W.R. Testing Result



Antenna Radiation Pattern



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