



规格承认书

SPECIFICATION FOR APPROVAL

日期 Date	2025/05/29
编号 File No	25052902
版本 Revision	1.0

客 户
CUSTOMER:

客户料号
CUSTOMER NO:

LEADA100066A0

品 名
PART NAME:

WIFI1 Antenna L=205mm MHF

供方料号
SUPPLIER NO:

YJL01.106.080.302A

送样日期Date:

送样数量Q'TY:

客户确认CUSTOMER APPROVED BY		
APPROVAL	CHIEF	SUPERVISOR

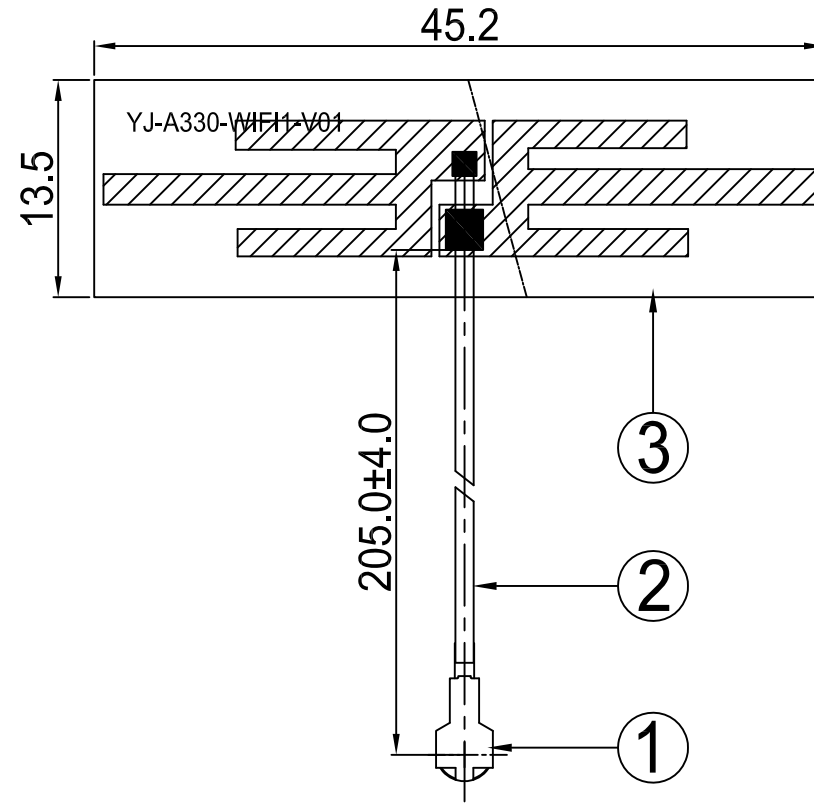
供方确认 SUPPLIER SIGNATURE		
APPROVAL	CHECK	DESIGN
 ChenGuoqiang	XieLi	ChenXingyi

YJ-RD-F04-A



RoHS
Compatible

CUSTOMER	
PART NO	



Unit :mm



天线规格
Antenna Specification

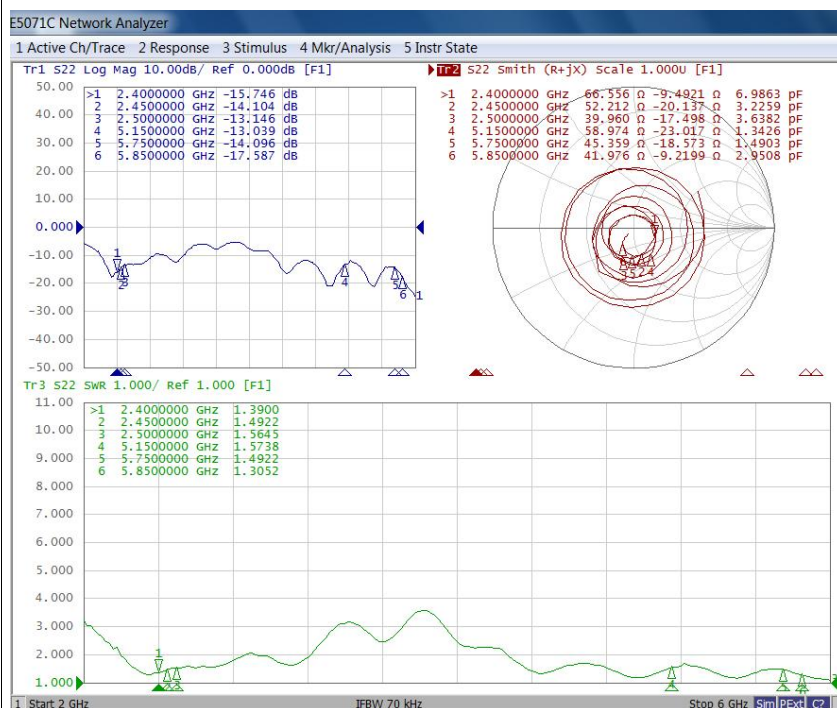
Electrical Properties	
Frequency	2.4-2.5GHz 5.15-5.85GHz
Impedance	50 Ohm Nominal
V.S.W.R	2.0 Max
Gain	5.1 dBi@2.4-2.5GHz 3.0 dBi@5.15-5.85GHz
Radiation	Omni-directional
Polarization	Linear
Physical Properties	
Connector	IPEX
Cable Type	O.D.0.81mm
Cable Length	205mm
Cable Color	Black
Operating Temp.	-40 ~ +85 °C
Storage Temp / Humidity	25±5°C / <70%



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

Antenna Performance Test

*Agilent
E5071C
S22
Parameter
Test //
WIFI1
Antenna*





Passive Test For WIFI1 Antenna(2.4G)			
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	56.6	-2.5	5.1
2410	55.9	-2.5	5.0
2420	54.1	-2.7	4.8
2430	53.6	-2.7	4.7
2440	55.1	-2.6	4.7
2450	57.4	-2.4	4.9
2460	56.9	-2.5	4.9
2470	58.2	-2.4	5.1
2480	57.5	-2.4	5.0
2490	56.8	-2.5	5.0
2500	53.7	-2.7	4.7



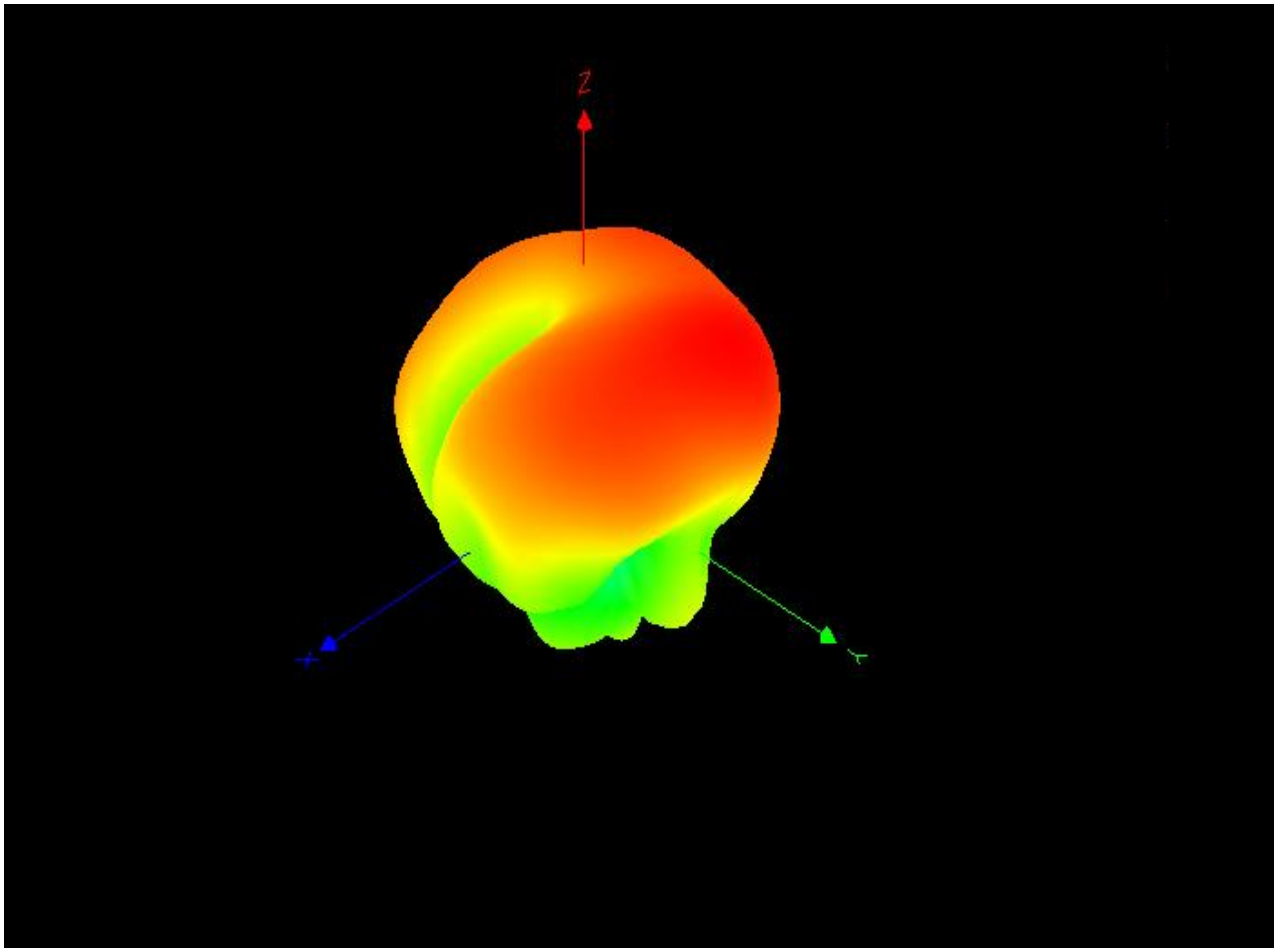
Passive Test For WIFI1 Antenna(5.8G)

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
5150	43.6	-3.6	2.1
5200	44.7	-3.5	2.6
5250	41.1	-3.9	2.3
5300	40.2	-4.0	1.9
5350	40.5	-3.9	1.8
5400	43.0	-3.7	2.1
5450	44.5	-3.5	2.0
5500	40.2	-4.0	1.5
5550	46.3	-3.3	2.1
5600	45.6	-3.4	2.2
5650	45.4	-3.4	2.1
5700	46.5	-3.3	2.3
5750	48.9	-3.1	3.0
5800	46.8	-3.3	2.6
5850	46.0	-3.4	2.8



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Radiation Pattern For WIFI1 Antenna(2450MHz)





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Radiation Pattern For WIFI1 Antenna(5750MHz)

