

SPECIFICATION FOR APPROVAL

CUSTOMER :	PETKIT Network Technology (Shanghai) Co., Ltd.
PART NAME :	W5,W4S
PART NO. :	
NO. :	
REV. :	V1.0

	MANUFACTURERR SIGNATURE	CUSTOMER SIGNATURE
APPROVED BY:		
DATE:		

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Antenna Assembly

Specification

1. Electrical Properties

- 1.1 Frequency range.....2.4G & 5G
- 1.2 Impedance.....50Ω Norminal
- 1.3 VSWR <2
- 1.4 Radiation.....Omni
- 1.5 Gain(Peak).....3 dBi
- 1.6 Polarization.....Linear
- 1.7 Admitted Power.....1W
- 1.8 Connector.....Ipx

2. Physical Properties

- 2.1 Working Temperature.....-40°C~+85°C
- 2.2 Storage Temperature.....-40°C~+85°C

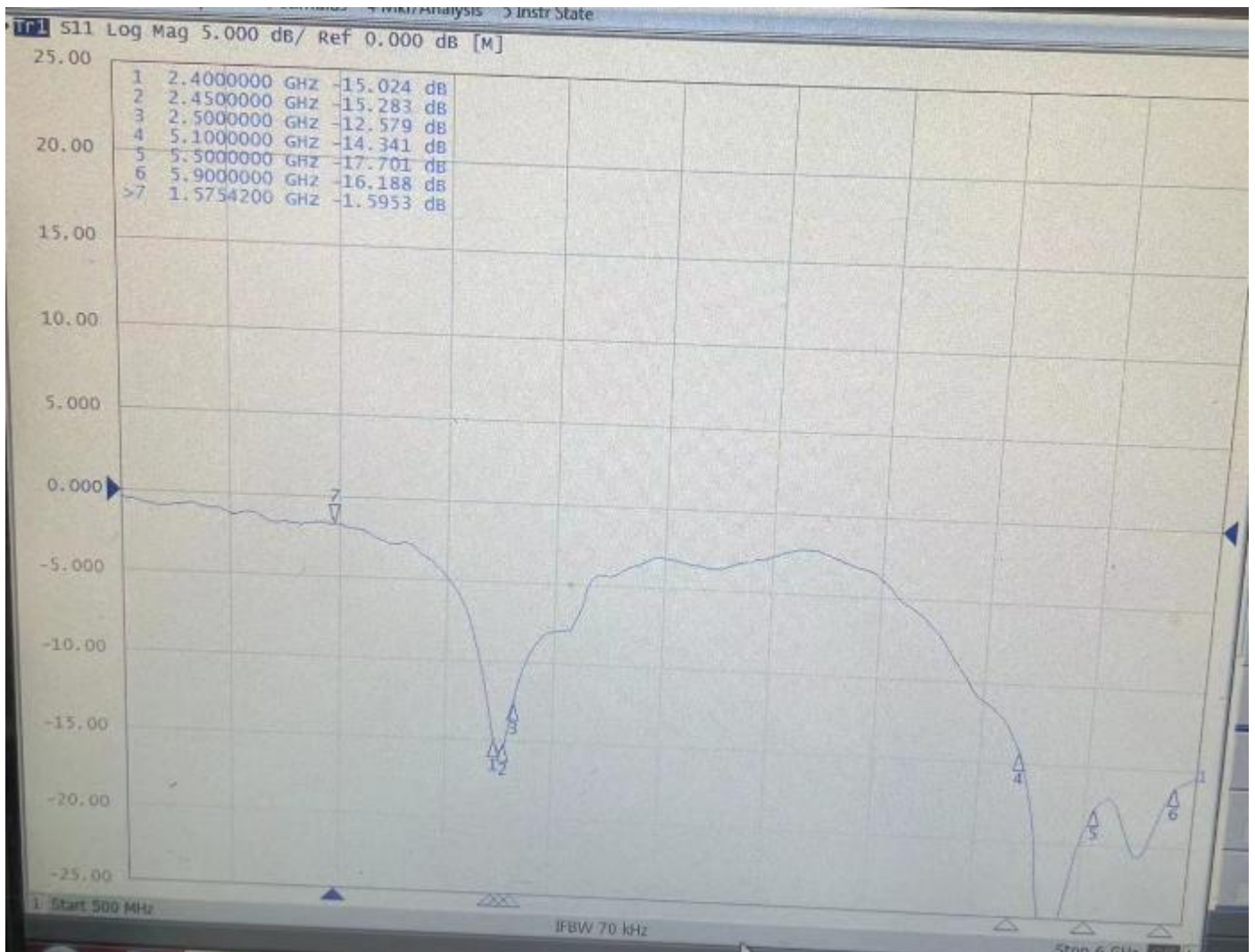
Antenna Design for 2.4G & 5G WIFI

1st Released Date	2/7/2024
Author	tom
Review By	van

Revised History

[illegible]

1. Ant S11 passive test results

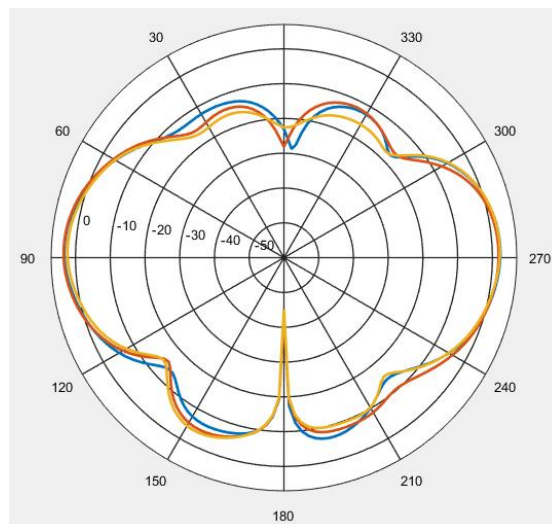
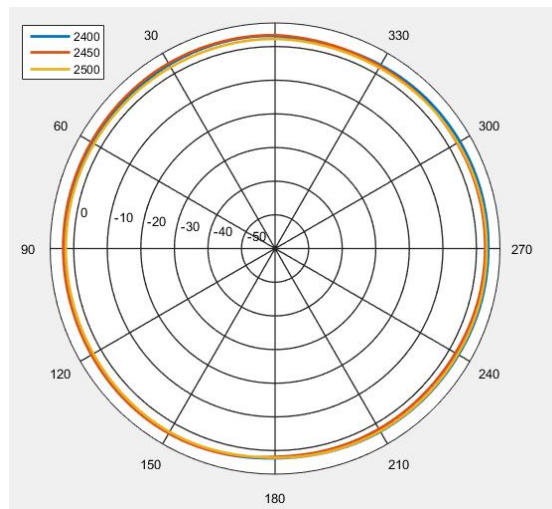
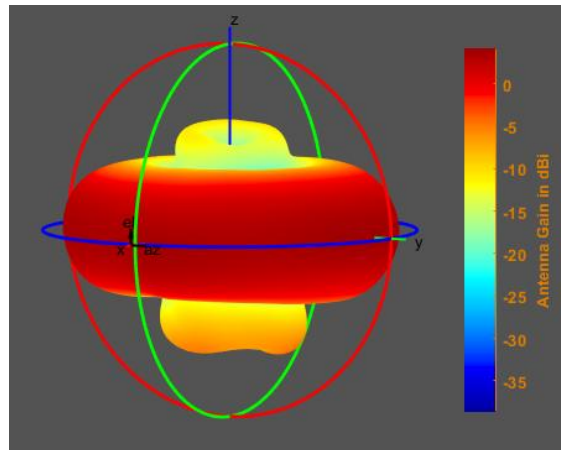


2. Passive Data

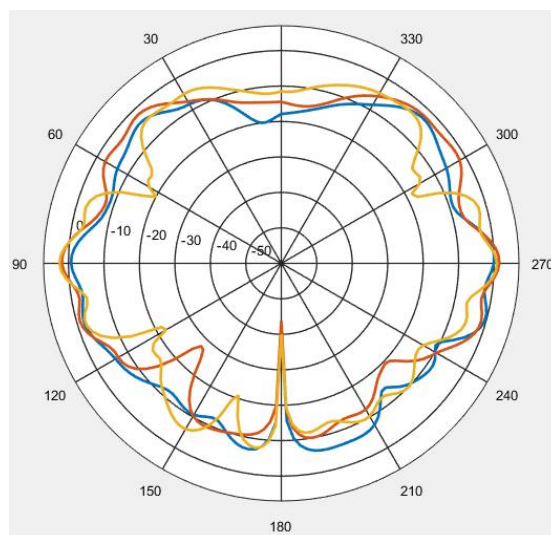
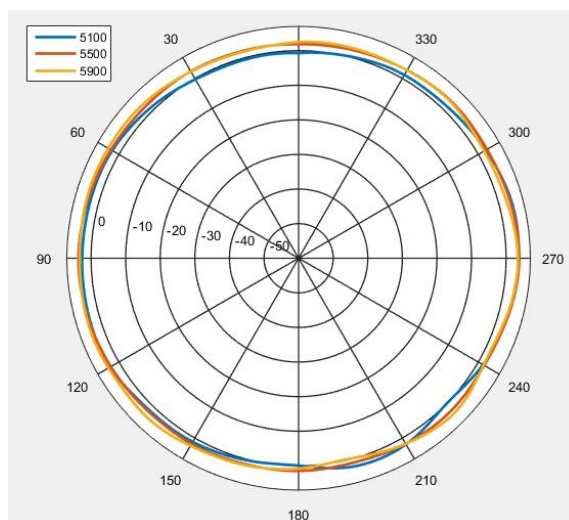
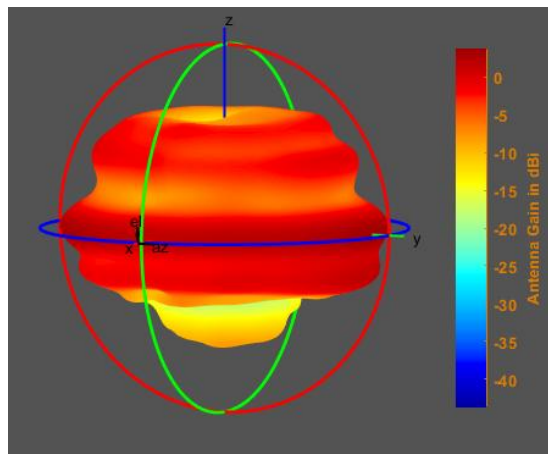
Frequency (MHz)	Gain(dB)	Efficiency (%)
2400	3.5	75.5
2410	3.6	75.6
2420	3.7	76.7
2430	3.7	76.6
2440	3.5	76.2
2450	3.6	77.8
2460	3.5	76.6
2470	3.7	76.5
2480	3.6	75.8
2490	3.7	76.1
2500	3.6	75.4
5150	3.6	71.9
5250	3.7	72.2
5350	3.7	72.6
5450	3.7	73.0
5550	3.6	71.5
5650	3.7	70.2
5750	3.7	70.5
5850	3.7	71.0

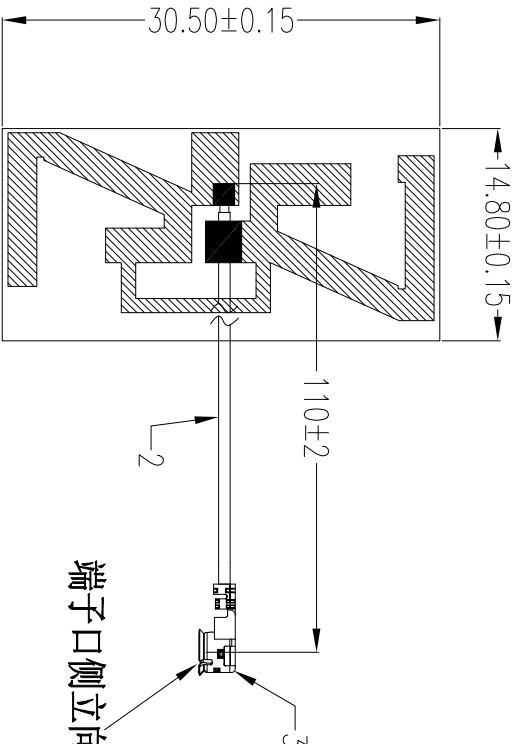
3. patten

2.4G



5G





端子口侧立向下，如图所示

- 备注:
- 标注“*”为重点尺寸，未标公差尺寸按照±0.15检测
 - 未标注尺寸请依图纸。
 - 符合ROHS
 - 出货方式：单片出货

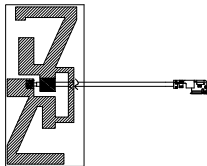
序号	工艺要求	规格	数量	备注
3	端子	一代端子	1	
2	同轴线	ø1.13 黑色 l=110mm	1	
1	FPC	0.56Z 电解铜 0.5MM PI	1	

NO.	SORT	SPECIFICATION	Q'TY	VENDOR
1				

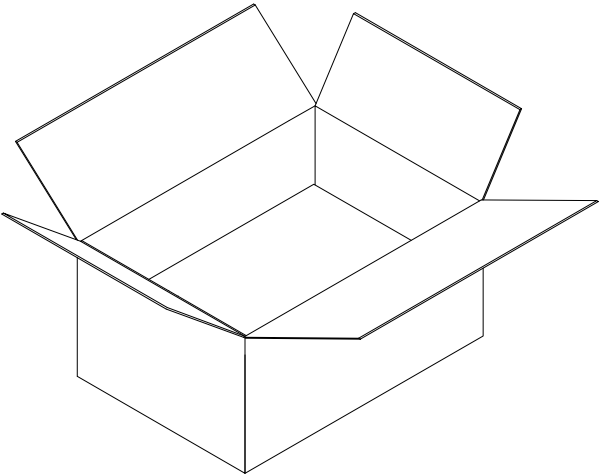
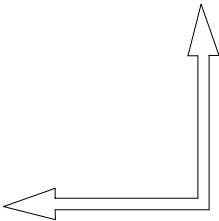
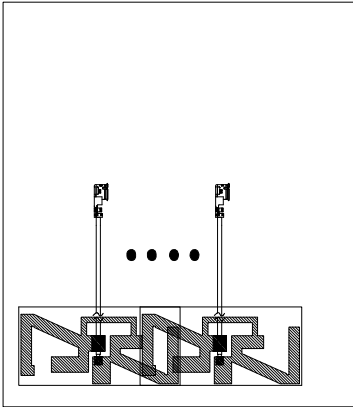
ECN NO	版本	变更内容	日期	确认
DIMENSIONS				
客户名称:				
料号:				
产品名称:				
页次: 1/1				
日期: 2024.6.28				
版次: A0				
比例: 1:1				
审核: TWM				
核准: TWM				

成品类型: FPC天线	版本: A
	客户:

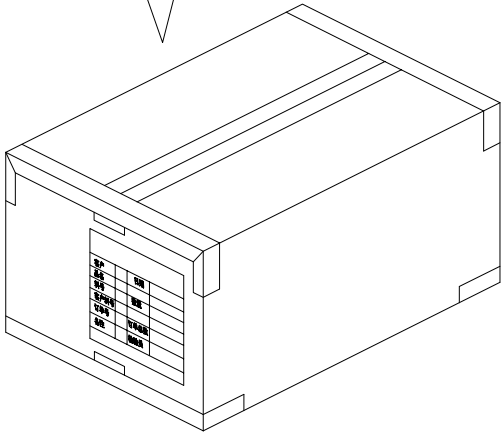
一: 成品天线



二: 用PE袋包装, 一袋装50pcs。



三: 装一箱, 一箱装12000PCS (以实际包装为准)



四: 封箱, 外箱贴我司生产标签和 ROHS标签

批准: _____

确认: _____ 拟制: _____

田进