



东莞市一佳电子通讯科技有限公司

Dongguan YiJia Electronics Communication Technology Co.,Ltd.

规格承认书

SPECIFICATION FOR APPROVAL

日期
Date

2023/12/22

编号
File No

23122201

版本
Revision

1.0

客户
CUSTOMER:

道通

客户料号
CUSTOMER NO:

501006874

品名
PART NAME:

2.4G Antenna

供方料号
SUPPLIER NO:

YJI01.005.070.316A

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

add: 东莞市长安镇沙头社区木鱼路59号元富工业区 Tel:0769-82586086 Fax:0769-82586086
No. 59, Muyu Road, Shatou Community, Chang 'an Town, Dongguan City, Yuanfu Industrial Zone

RoHS
Compatible

CUSTOMER

PART NO

8.0

0.6

T1.0

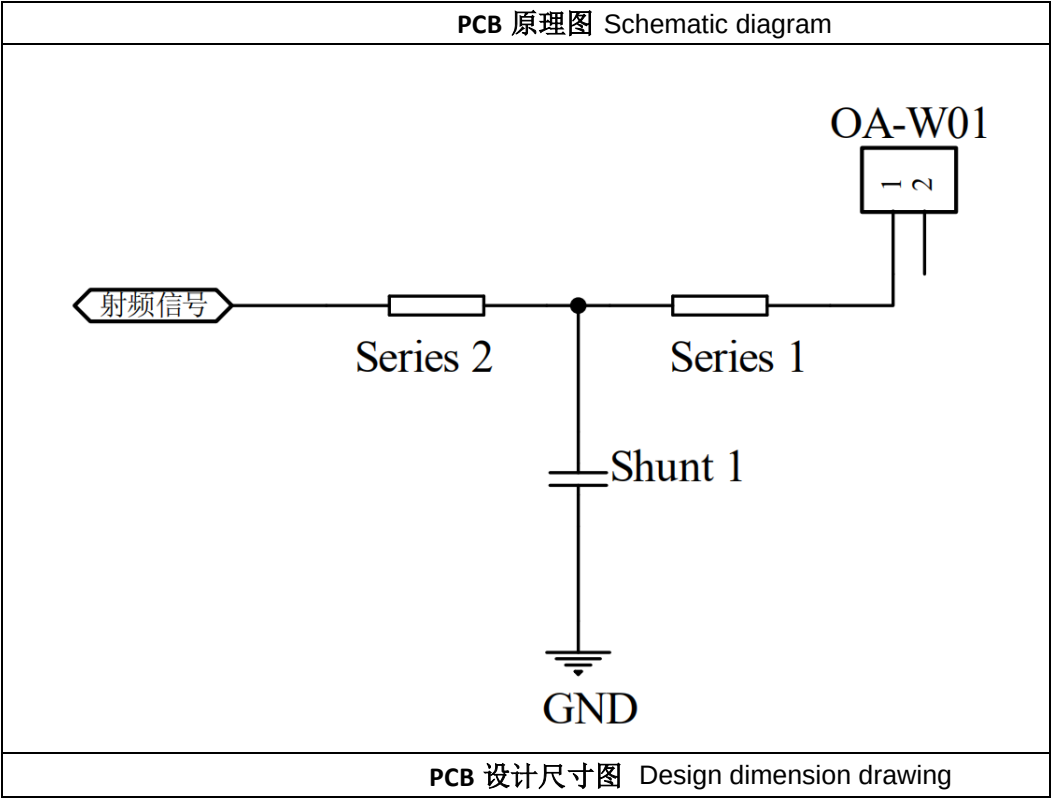
3.0

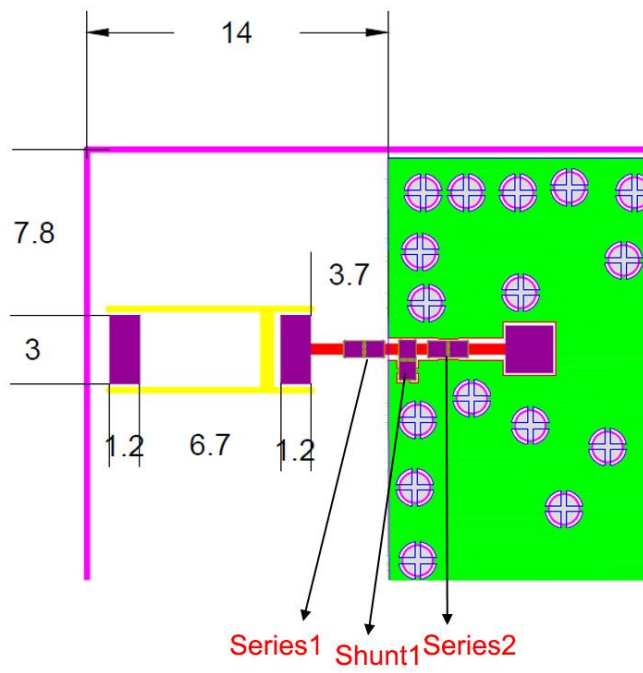
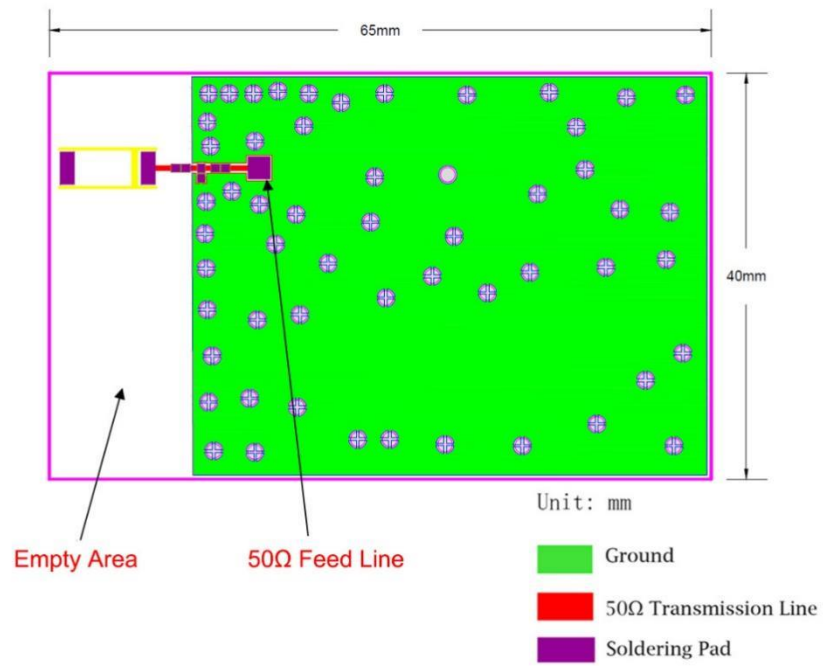
Note: Specification 831 ceramic antenna
2.4G/5G WIFI antenna

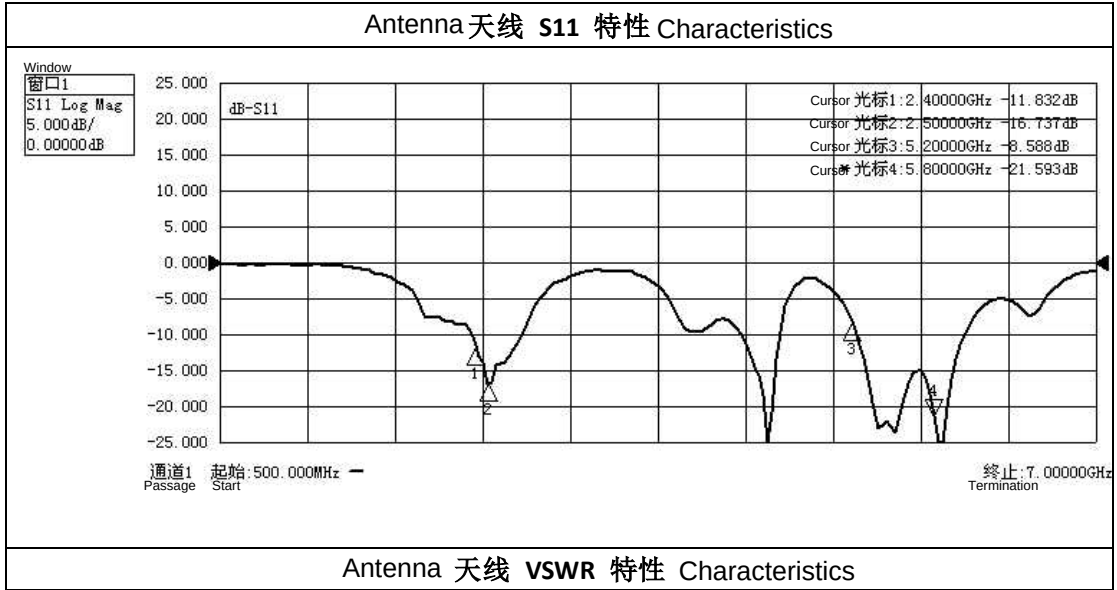
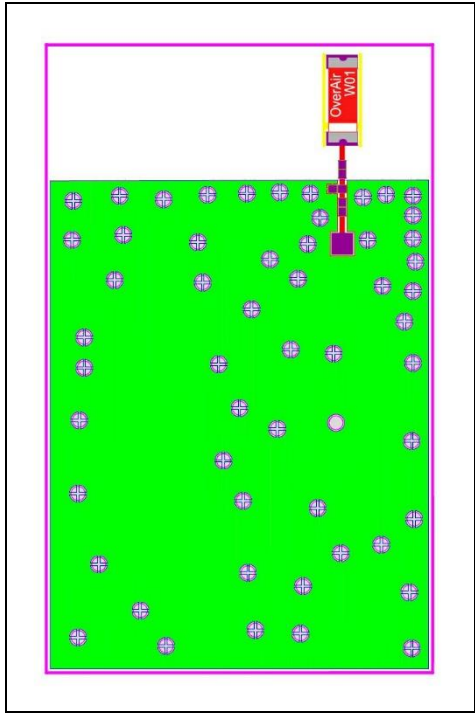
电气特性 Electrical characteristics

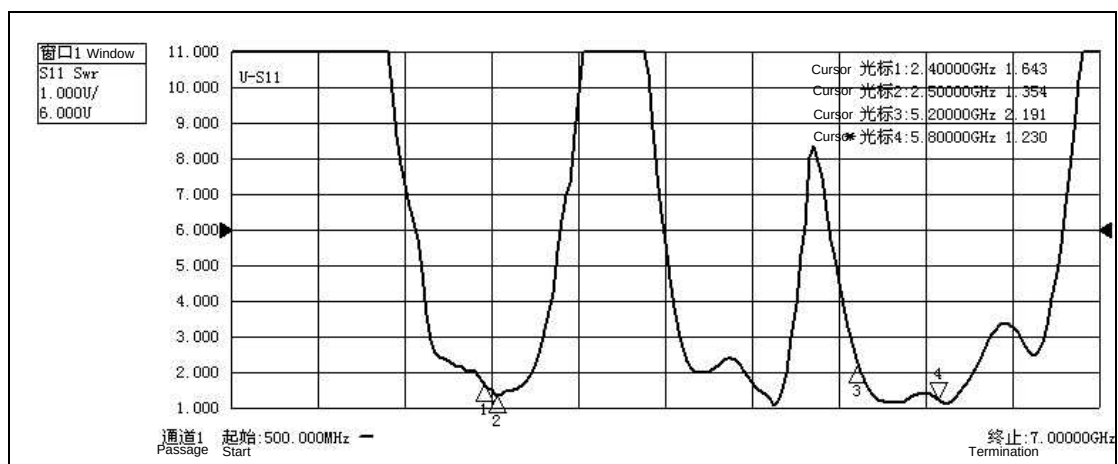
OA-W01	Specification
工作频率范围 Working Frequency	2400-2500MHz, 5200-6000MHz
阻抗 Impedance	50 Ω
驻波比 VSWR	<2
工作温度 Operation Temperature	-40℃~+85℃
可承受功率 Power Capacity	3W

天线焊盘和走线设计 Antenna pad and routing design

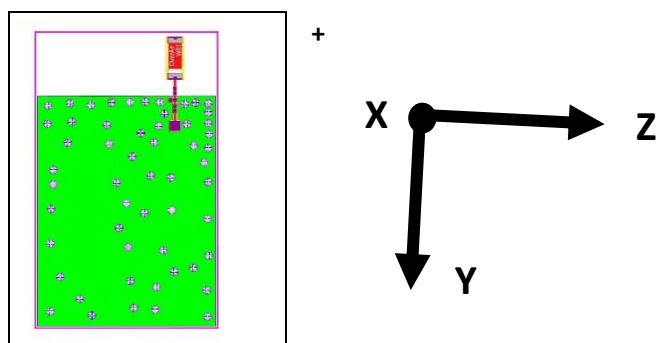








效率和辐射图 Efficiency and radiation diagrams



增益和效率	带宽 2.4G-2.5GHz	带宽 5.2G-5.8GHz
峰值增益 Peak Gain	6.1dBi	3.67dBi
带内平均增益 Average Gain across the band	5.7dBi	2.63dBi
带内增益范围 Gain Range across the band	5.5dBi~6.1dBi	1.33dBi~3.67dBi
峰值效率 Peak Efficiency	82.5%	62.4%
带内平均效率 Average Efficiency across the band	79%	51%
带内效率范围 Efficiency Range across the band	74.8%~82.5%	30.77%~62.4%

