



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

2024/01/08

编号
File No

24010801

版本
Revision

1.0

客户
CUSTOMER:

东莞市宏易电子有限公司

客户料号
CUSTOMER NO:

60100052

品名
PART NAME:

FPC Antenna
FPC+1.13银锡灰色线L=230mm

供方料号
SUPPLIER NO:

YJL01.011.004.301A

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
Yuanfu Industrial Zone, 59 Muyu Road, Shatou Community, Changan Town, Dongguan City



天线规格

Antenna Specification

Electrical Properties

Frequency	2400-2500MHz
Impedance	50 Ohm Nominal
V.S.W.R	2.0 Max@2400-2500MHz
Gain	2.4 dBi@2400-2500MHz
Radiation	Omni-directional
Polarization	Linear

Physical Properties

Connector	1代IPEX
Cable Type	O.D.1.13mm
Cable Length	230mm
Cable Color	Gray
Operating Temp.	-40 ~ +85 °C
Storage Temp / Humidity	25±5°C / <70%



天线测试仪器 / 校准日期 (E5071B / 2023.09.12)

校准证书

CALIBRATION CERTIFICATE

证书编号: HX2309CC015006
Certificate No.



委托方 Client	东莞市一佳电子通讯科技有限公司		
委托方地址 Address	东莞市长安镇沙头社区木鱼路59号3号楼		
仪器名称 Description	网络分析仪		
型号/规格 Model/Type	E5071B		
制造厂 Manufacturer	Agilent		
出厂编号 Serial No.	/	接收日期 Receive Date	2023-09-12
管理编号 Asset No.	YJ-PD-002	校准日期 Calibration Date	2023-09-12
结论 Conclusion	所校准项目合格	建议复校日期 Suggested Recal Date	2024-09-11

批准
Approved by 吕波 吕波

核验
Inspected by 莫万锋 莫万锋

校准
Calibrated by 夏磊磊 夏磊磊

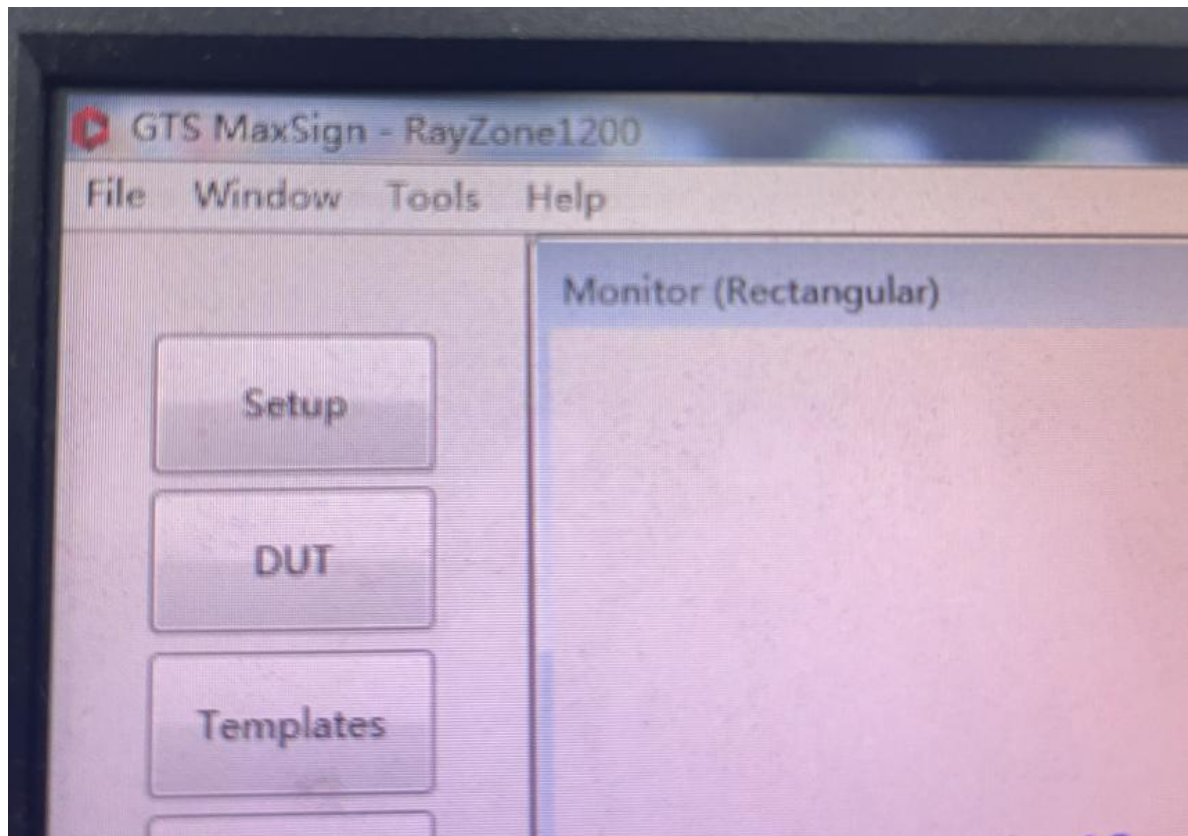
职务
Position 技术负责人



计量校准机构备案证书号 (Register No.): 粤校备2017B016
地址: 广东省深圳市宝安区燕罗街道塘下涌社区致和路12号广盛大厦201
Address: No.201, Guangsheng Building, No. 12, Zhihe Road, Tangxiayong Community Ercun, Yanluo Street, Bao'an District, Shenzhen, Guangdong, China
电话Tel: 0755-8525 9375 电子邮件Email: hxjljc@yeah.net
传真Fax: 0755-8525 9376 邮编Post Code: 518035

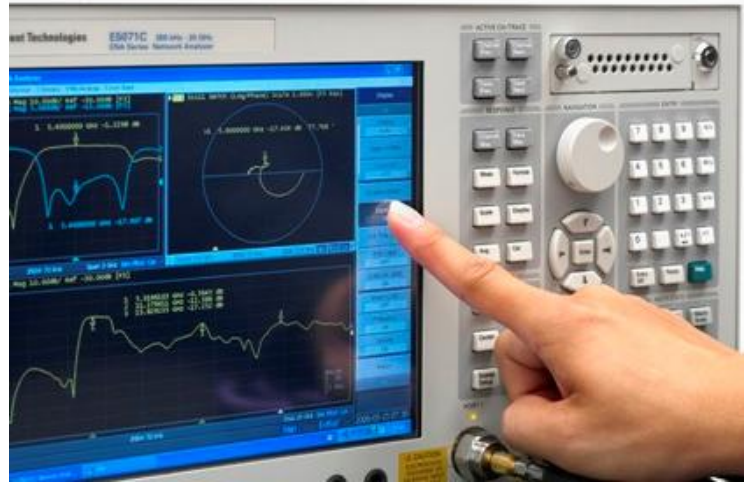


测试软件(GTS MaxSign-RayZone1200)

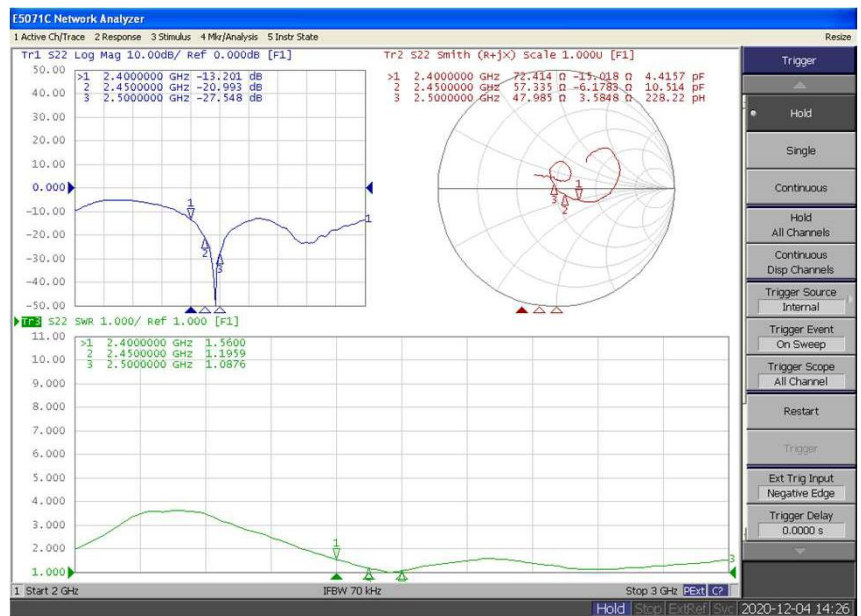




Agilent E5071B



S Parameter Test // BT Antenna





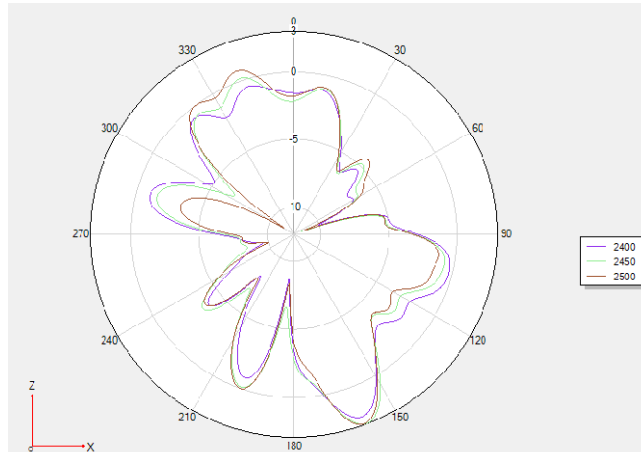
Passive Test For BT Antenna(2.4G)

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	60.5	-2.1	2.0
2410	60.8	-2.1	2.1
2420	59.5	-2.2	1.7
2430	61.6	-2.1	2.0
2440	62.2	-2.0	1.9
2450	62.6	-2.0	2.1
2460	60.3	-2.1	1.9
2470	65.4	-1.8	2.4
2480	63.9	-1.9	2.4
2490	63.6	-1.9	2.2
2500	61.3	-2.1	1.9

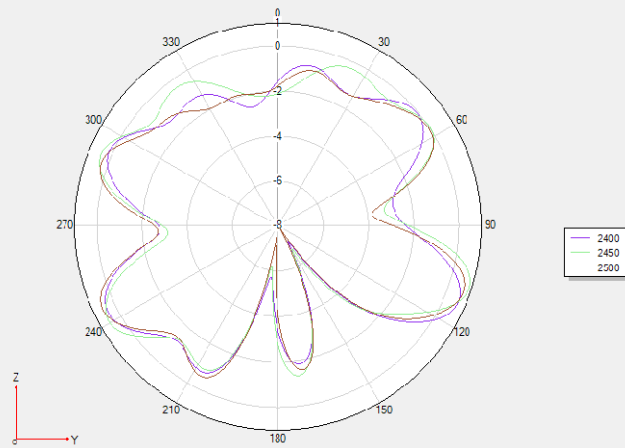


Radiation Pattern For BT Antenna

Phi 0°



Phi 90°



Theta 90°

