

供应商名称：
 一佳电子通讯科技有限公司

产 品 承 认 书

Specification for Approval

客户名称
 Client Name:
 百富计算机技术（深圳）有限公司

品 牌
 Brand Name:
 一佳

原厂料号
 Part No:
 YJS01.086.126.301A

物料规格
 Part Description:
 WiFi 天线, 材质：洋白铜

产品制造商
 Manufacturer:
 一佳电子

百富物料类别
 PAX Part Name:
 天线

百富物料编号
 PAX Materiel No.:
 200212000000514

百富物料描述
 PAX Description:
 IM30-2.4&5G-WIFI 天线-厚度 0.5mm-洋白铜-V01-一佳

百富采用原因
 PAX Import Reason:

供 应 商 签 章	客 户 签 章
	承 认： 确 认：

测试工程师：殷涛

供应商联系地址：Yuanfu Industrial Park, No.59, Muyu Road, Shatou Community, Chang'an Town, Dongguan, Guangdong

供应商联系人：汪胜 供应商联系电话及传真： 0769-82586086 82586086

日期：2023.09.25



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@2.4-2.5GHz 4.0 Max@5.15-5.85GHz
Gain	1.7 dBi@2.4-2.5GHz 2.3 dBi@5.15-5.85GHz
Radiation	Omni-directional
Polarization	Linear

Physical Properties

Connector	None
Cable Type	None
Cable Length	None
Cable Color	None
Operating Temp.	-40 ~ +85 °C
Storage Temp / Humidity	25±5°C / <70%

add: Yuanfu Industrial Park, No.59, Muyu Road, Shatou Community, Chang'an Town, Dongguan, Guangdong



天线规格

Antenna Specification

Project name	IM30
Manufacture	Dongguan Yijia Electronics
Test lab	Wide-frequency Darkroom
Name of antenna	Stainless Steel
Antenna type	WI-FI PIFA
Radiation	Omni-directional
Polarization	Line polarization



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	职务 Position	技术负责人
核验 Inspected by	莫万锋		
校准 Calibrated by	夏磊磊		



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

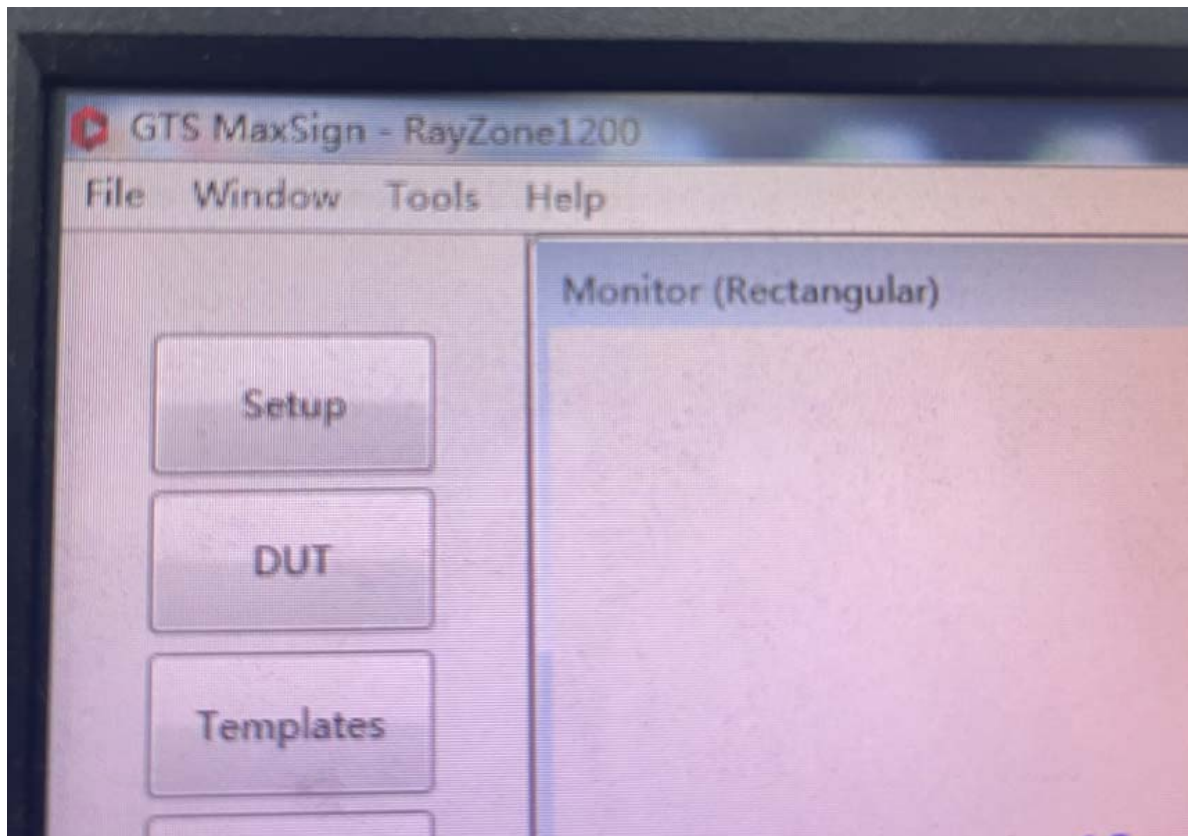
传真Fax: 0755-8525 9376

邮编Post Code: 518035

add: Yuanfu Industrial Park, No.59, Muyu Road, Shatou Community, Chang'an Town, Dongguan, Guangdong



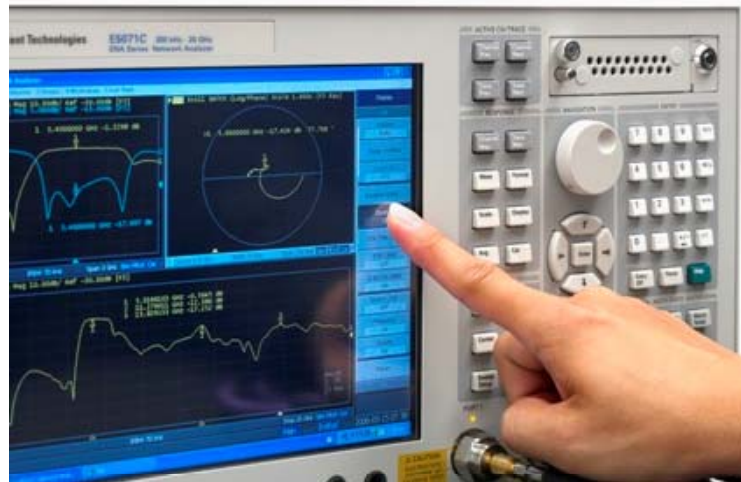
测试软件(GTS MaxSign-RayZone1200)



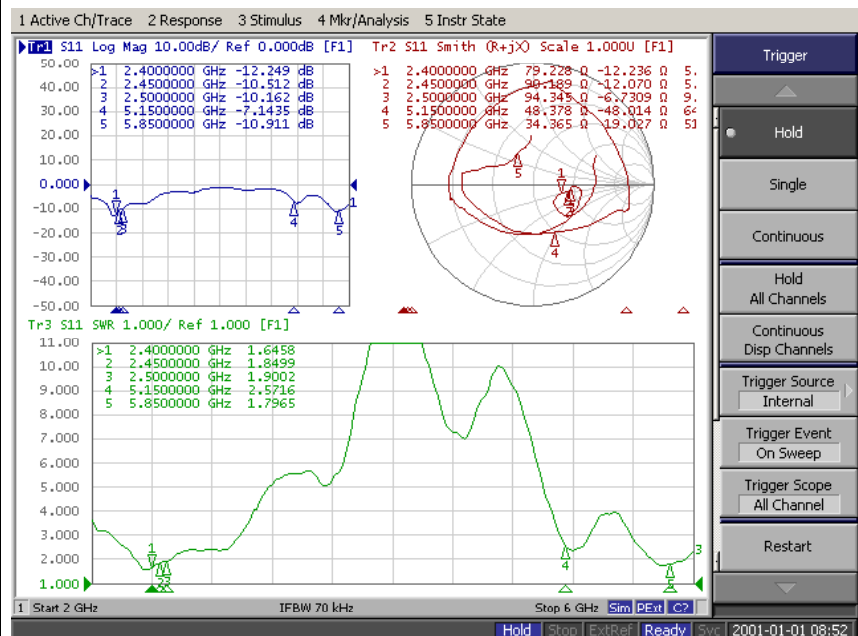


Antenna Performance Test

**Agilent
E5071B**



**S
Parameter
Test //
WIFI
Antenna**





Passive Test For WiFi Antenna(2.4G)

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	46.5	-3.3	1.7
2410	46.1	-3.4	1.5
2420	46.0	-3.4	1.2
2430	45.0	-3.5	0.9
2440	45.2	-3.5	0.7
2450	48.2	-3.2	1.1
2460	48.6	-3.1	1.2
2470	50.0	-3.0	1.4
2480	50.8	-2.9	1.4
2490	52.0	-2.8	1.5
2500	51.8	-2.9	1.5

add: Yuanfu Industrial Park, No.59, Muyu Road, Shatou Community, Chang'an Town, Dongguan, Guangdong



Passive Test For WiFi Antenna(5.8G)

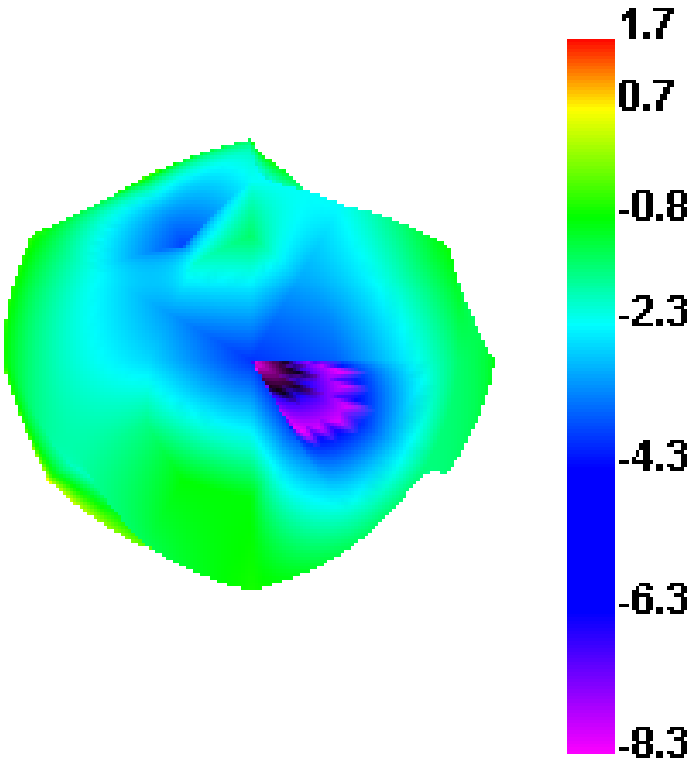
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
5150	34.2	-4.7	-0.7
5200	35.7	-4.5	-0.2
5250	39.9	-4.0	0.6
5300	46.8	-3.3	1.6
5350	49.5	-3.1	2.1
5400	45.8	-3.4	2.2
5450	42.3	-3.7	2.1
5500	45.5	-3.4	2.2
5550	47.2	-3.3	2.0
5600	48.0	-3.2	1.8
5650	56.7	-2.5	2.3
5700	49.5	-3.1	1.6
5750	47.3	-3.3	1.5
5800	44.9	-3.5	1.7
5850	45.7	-3.4	1.7

add: Yuanfu Industrial Park, No.59, Muyu Road, Shatou Community, Chang'an Town, Dongguan, Guangdong



Radiation Pattern For WIFI Antenna(2400MHz)

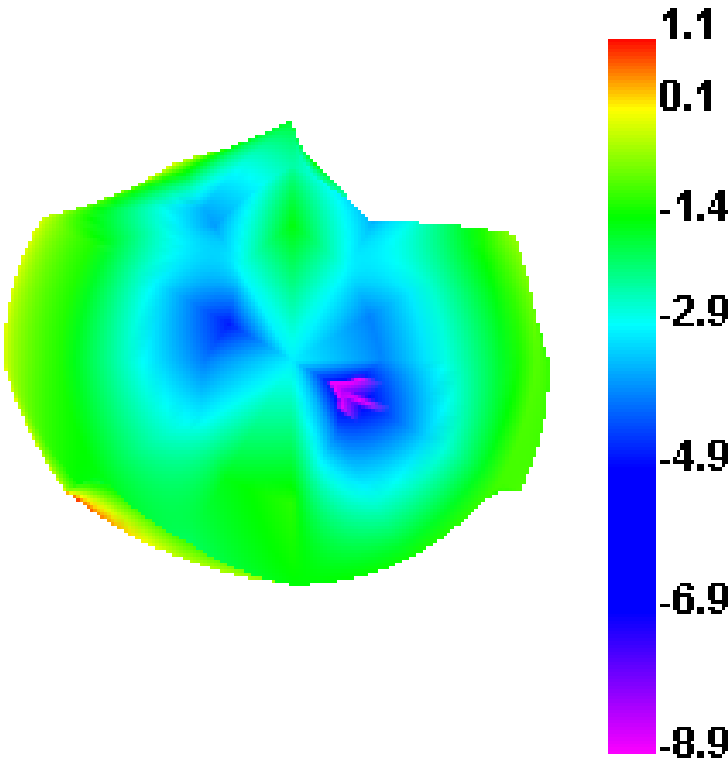
2400.000MHz





Radiation Pattern For WIFI Antenna(2450MHz)

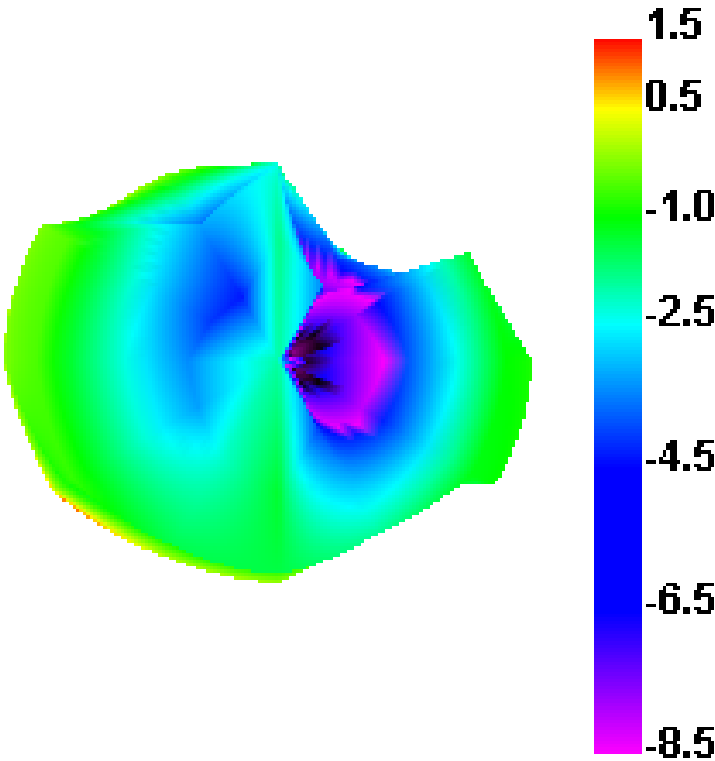
2450.000MHz





Radiation Pattern For WIFI Antenna(2500MHz)

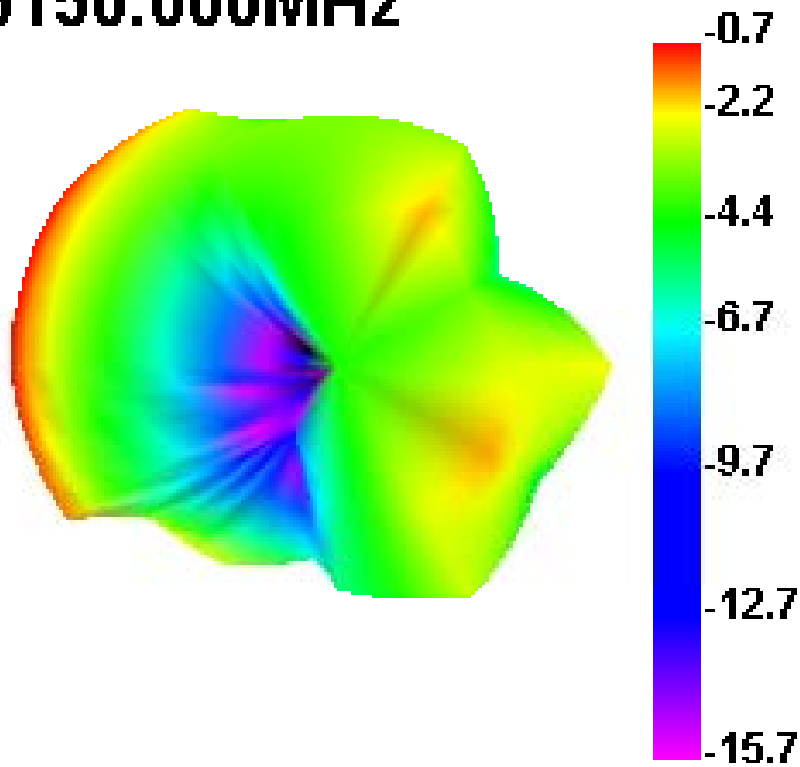
2500.000MHz





Radiation Pattern For WIFI Antenna(5150MHz)

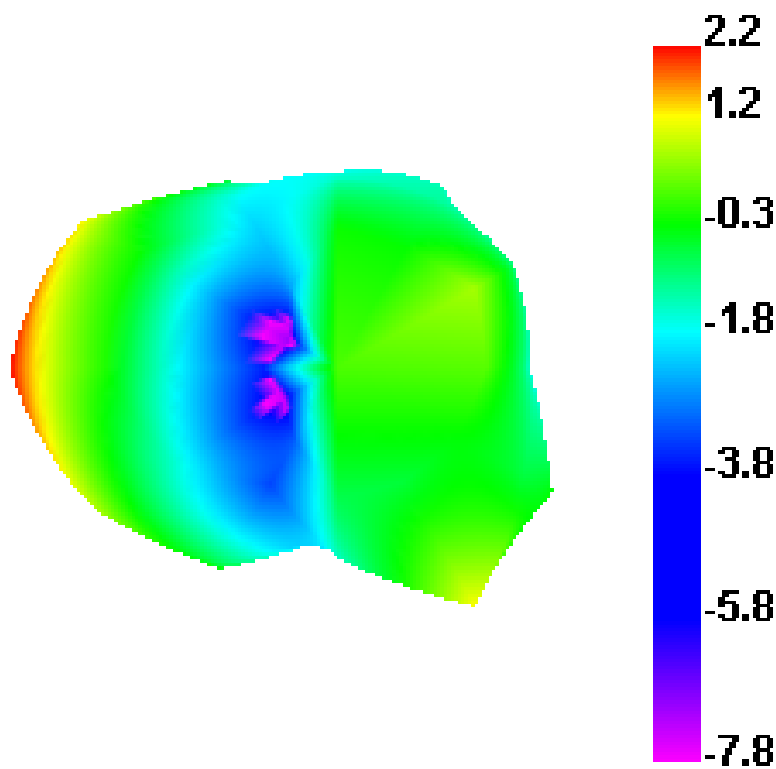
5150.000MHz





Radiation Pattern For WIFI Antenna(5500MHz)

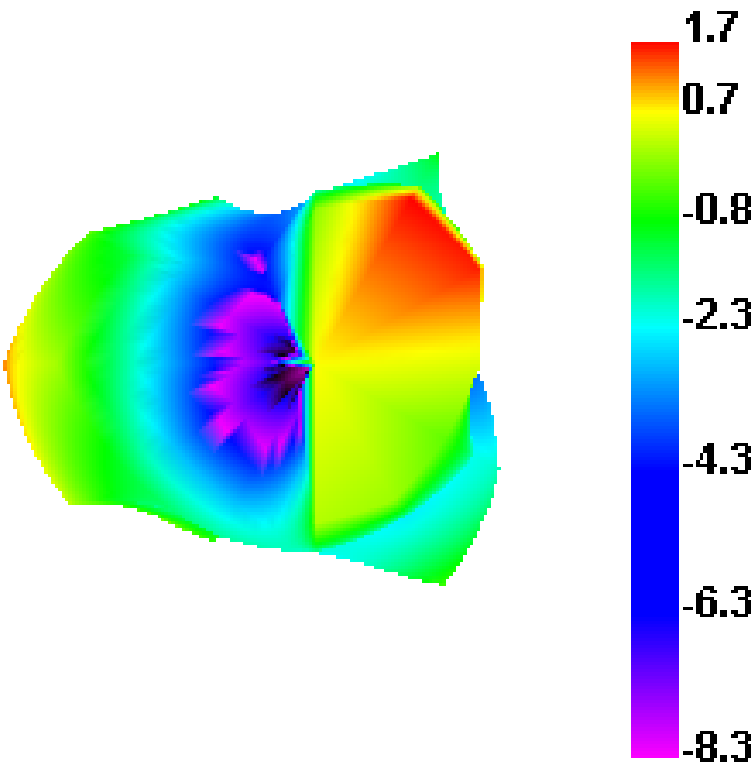
5500.000MHz

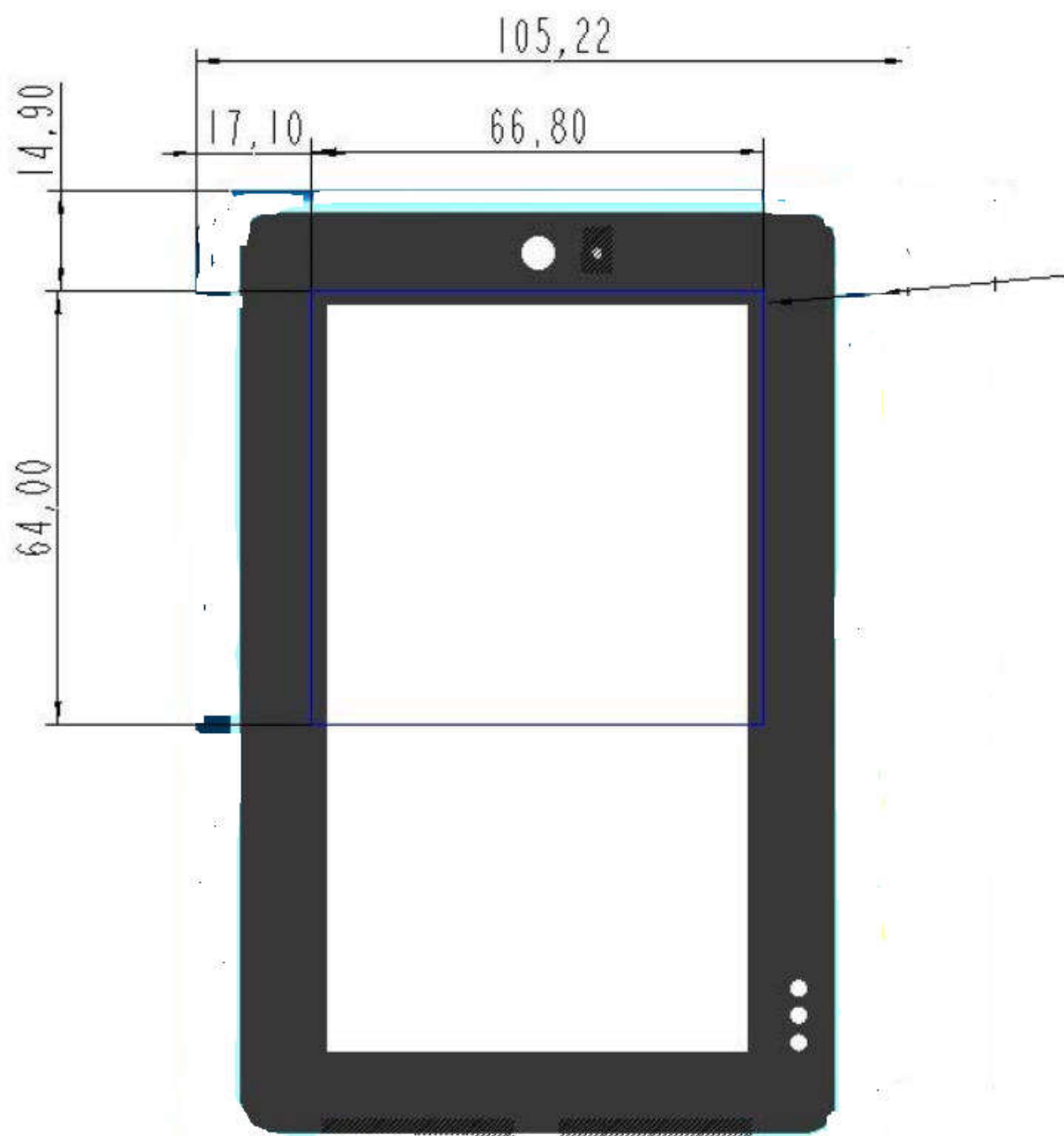




Radiation Pattern For WIFI Antenna(5850MHz)

5850.000MHz





NFC Antenna
Type: PCB Antenna