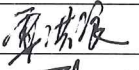
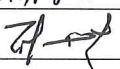




Antenna Report

Project name:	FI Mini International
Antenna name:	WIFI/BLE Antenna
Antenna type:	Monopole
Polarization characteristics:	Linear polarization
Frequency range:	2400MHz-2480MHz
Manufacturer:	Shenzhen Cicent Communication Technology Co., Ltd.
Manufacturer address:	505-506 ,A Block,Donglian Building,Chuangye 2 road,Baoan District,Shenzhen,Guangdong,P.R china
Version:	V1.0
Date:	2026.2.27
Tester :	
Auditor :	



Change record			
Compile / change date	Reason for change	Changed content	Version
2026.2.27	First edition	First edition	V1.0



Antenna testing software and equipment calibration

Names of Commercial Test Software Being Used: GTS MaxSign-RayZone2800F_Z

Passive and Active Test Setup Photos:



Calibration certificate of testing equipment:

深圳精宇航检测技术有限公司

SHENZHEN JINGYUZHANG DETECTION TECHNOLOGY CO.,LTD



中国认可
国际互认
校准
CALIBRATION
CNAS L7875

校准证书

CALIBRATION CERTIFICATE

证书编号
Certificate No.

25AA165820001

委托方
Client

深圳市思讯通信技术有限公司

委托方地址
Address

深圳市宝安区创业二路东联大厦A座505-506

计量器具名称
Description

网络分析仪

规格/型号
Model/Type

E5071C

制造单位
Manufacturer

Keysight

出厂编号
Serial No.

/

管理编号
Asset No.

SX-048

接收日期
Date of Receiving

2025 年 11 月 05 日
Year Month Day

校准日期
Date of Calibration

2025 年 11 月 05 日
Year Month Day

发布日期
Date of Release

2025 年 11 月 07 日
Year Month Day

批准人
Approved Signatory

陈君晓

核验员
Inspected by

李子

校准员
Calibrated by

李阳友



实验室地址: 广东省深圳市宝安区航城街道鹤洲社区洲石路739号恒丰工业城C6栋综合楼1604D

ADD: 1604D, building C6, Hengfeng Industrial City, 739, Zhoushi Road, Hezhou Community, Hangcheng Street, Baoan District, Shenzhen, Guangdong Province

邮编(Post Code): 518101

电话(Tel): 0755-23057616

传真(Fax): 0755-23057616

网址(HTTP): www.szjyhjc.com

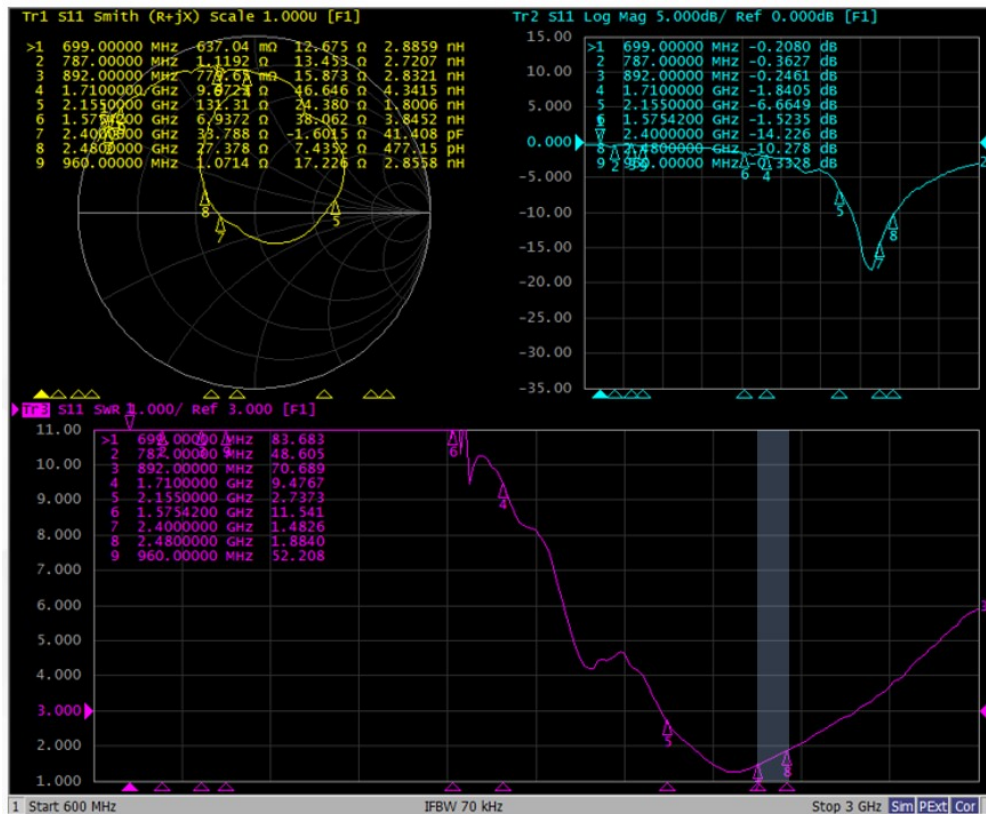
邮箱(E-mail): szjyhjc@126.com

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S-Parameters

WIFI/BLE



CC-JL-RD-36V1.0



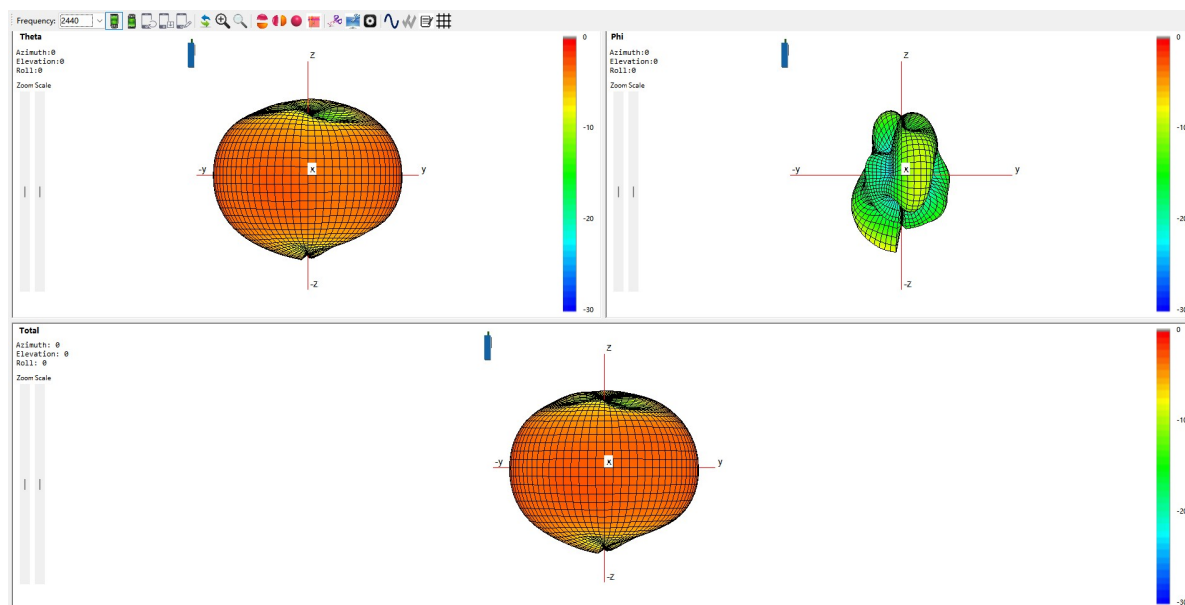
Antenna Efficiency&PeakGain

WIFI/BLE

Freespace			
Freq/MHz	Effi/dB	Gain/dBi	Effi/%
2400	-1.6	0.7	69.1
2410	-1.7	0.8	68.0
2420	-1.8	0.8	66.6
2430	-1.9	0.7	64.3
2440	-2.0	0.7	63.3
2450	-2.0	0.6	63.1
2460	-2.0	0.7	63.9
2470	-1.9	0.7	64.6
2480	-1.9	0.8	65.3

	Freespace
	Peak Gain
WIFI/BLE	0.8 dBi

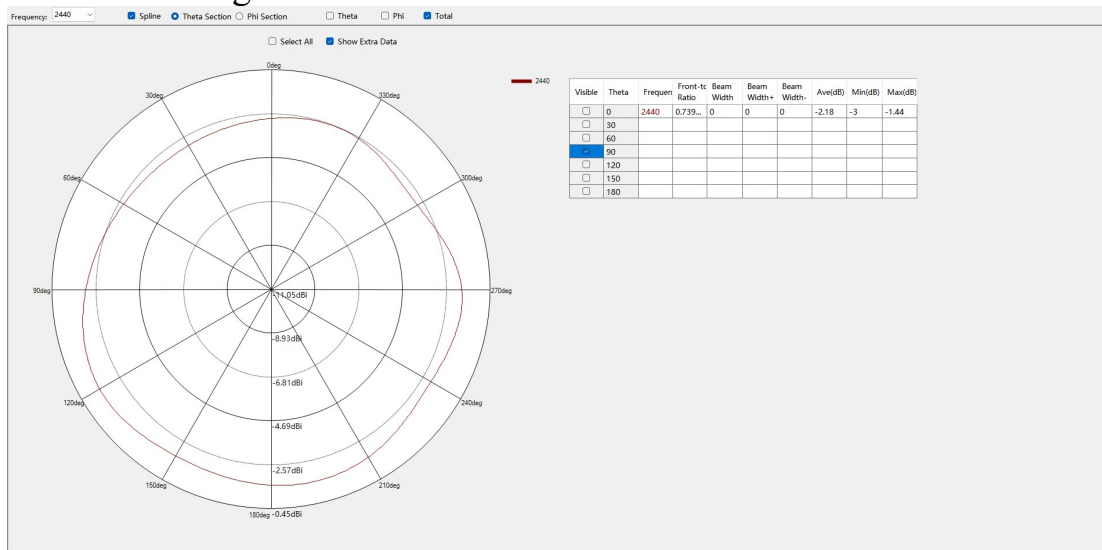
3D directional pattern of antenna radiation:



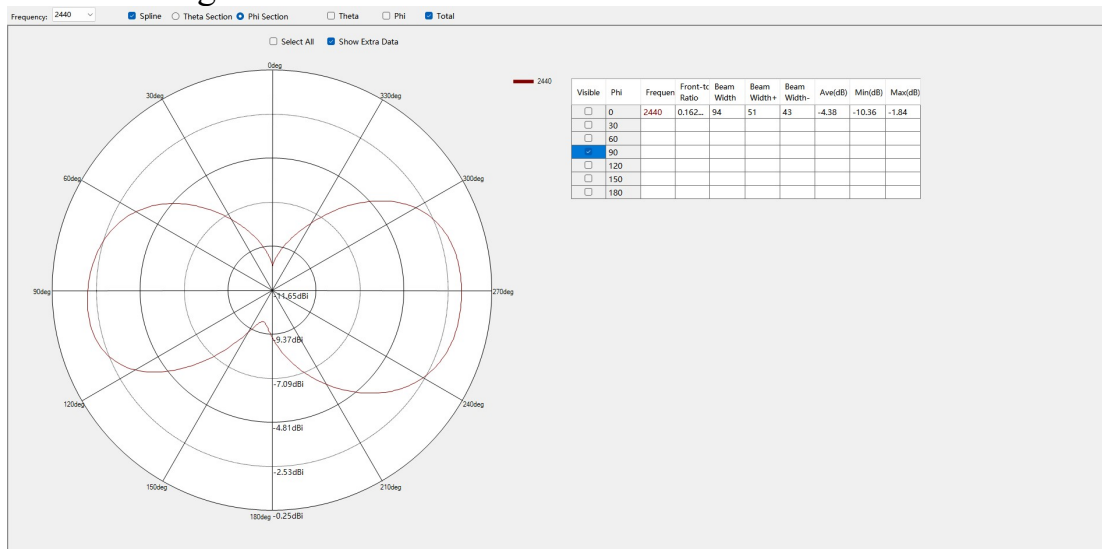


2D directional pattern of antenna radiation:

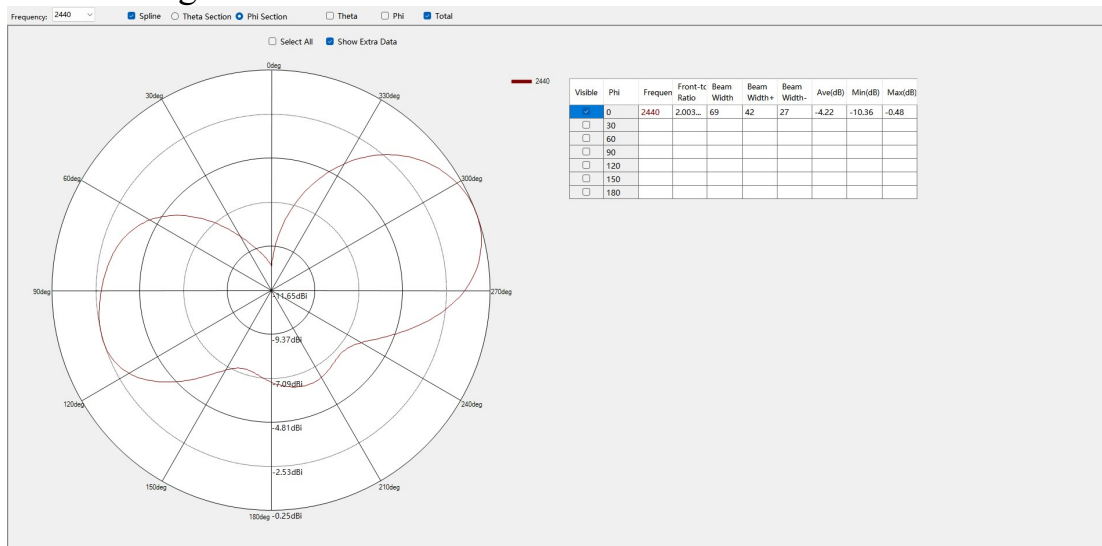
Theta=90.00deg



Phi=90.00deg



Phi=0.00deg



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