

SPECIFICATION

EL.RTL8192FC-CWFT_Antenna1

Manufacturer	Guangzhou Shikun Electronic Technology Co., LTD
Name	EL.RTL8192FC-CWFT_Antenna1
Specifications	2.4G WIFI Antenna
Model	PCB Antenna
Company address	NO.6 Liankun Road, Huangpu District, Guangzhou, China
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Approved by Shikun

Checked by	Rechecked by	Approved by
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REVISION HISTORY

VERSION	DATE	BOARD ID	PAGE	DESCRIPTION	AUTHOR
V0	2025.07.3		All	First Issued.	Yajuhui

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2. Test Equipment & Conditions

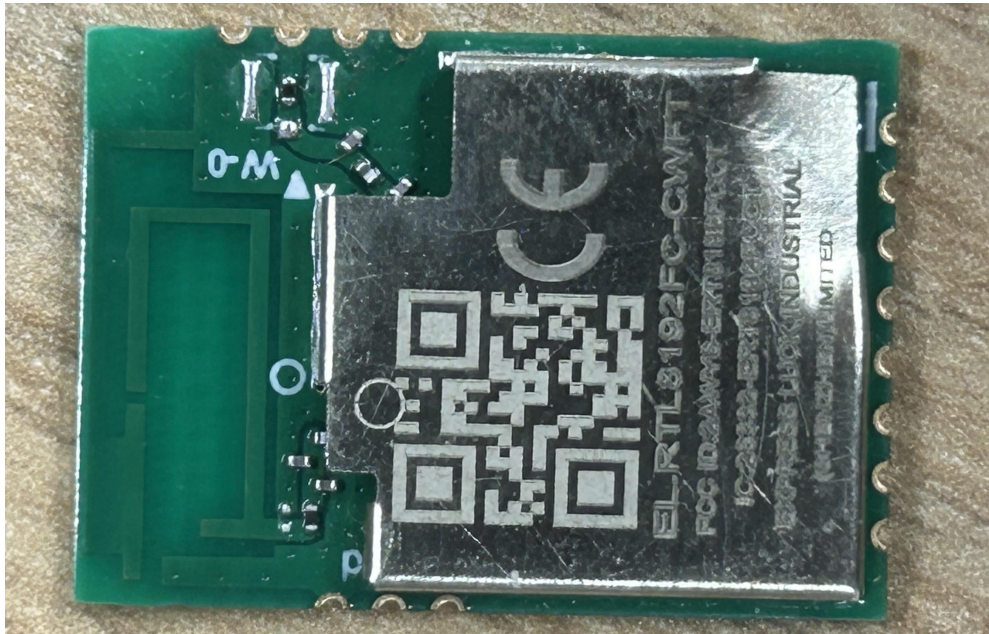
2.1. Network Analyzers : KEYSIGHT P5002A

2.2. Communications Test Set: R&S CMW 500

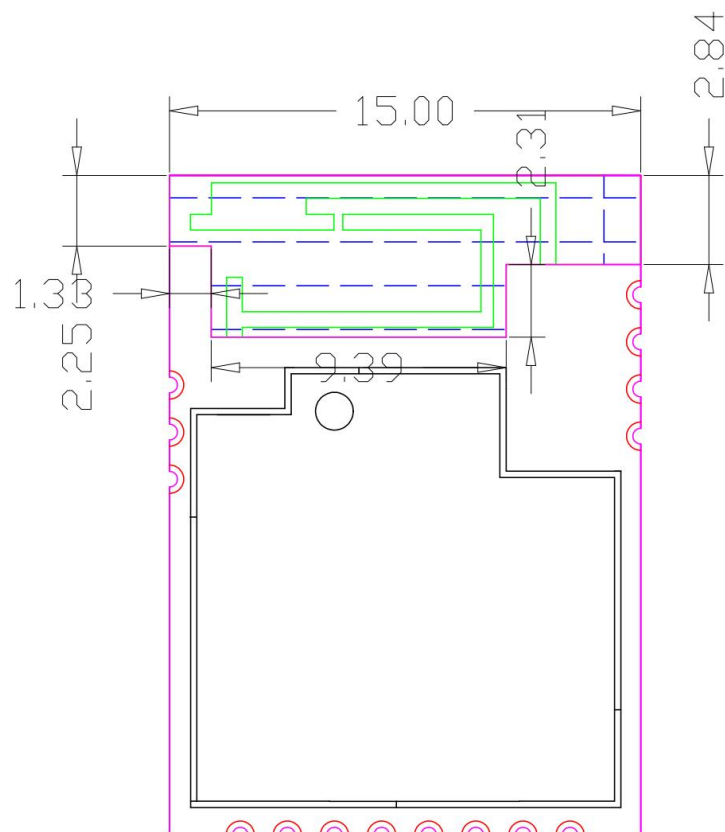
2.3. 3D Chamber Test System: Feitu Test System



3. Mechanical instruction

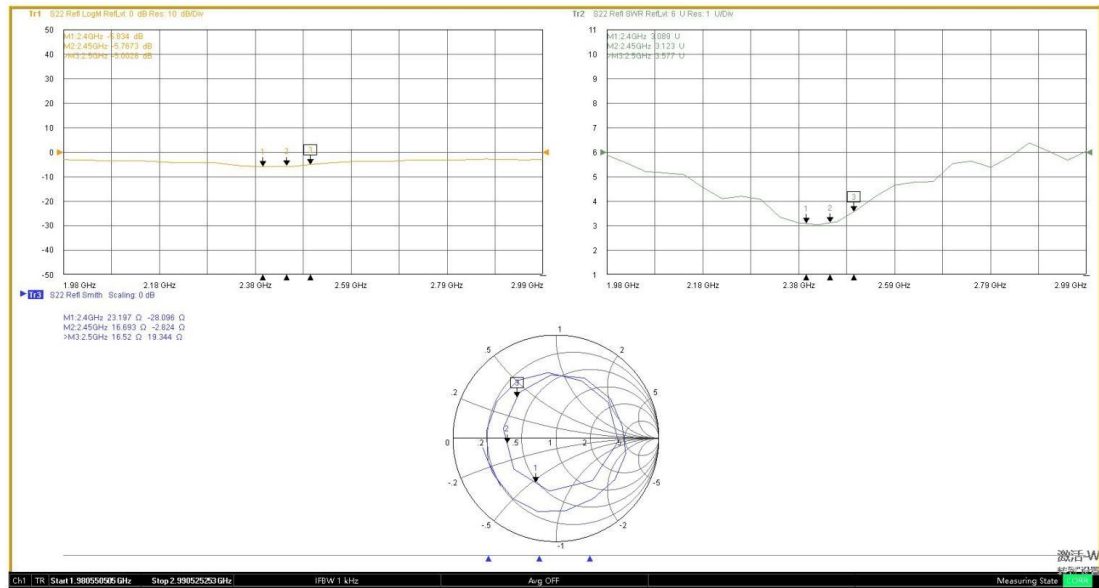


Picture of the antenna



Antenna size diagram

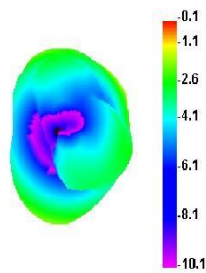
3.1.S11-WIFI:



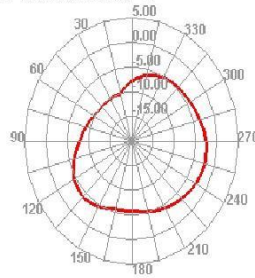
4. Gain/Effi/3D-Model(WIFI):

Freq	(MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Effi	(%)	31.45	33.87	30.52	33.77	34.74	31.53	34	32.78	36.4	37.09	36.22
Gain	(dBi)	-0.13	0.23	-0.29	0.18	0.14	-0.32	-0.27	-0.48	-0.16	0.11	0.22

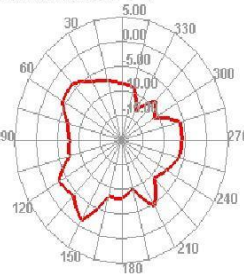
2400.000MHz



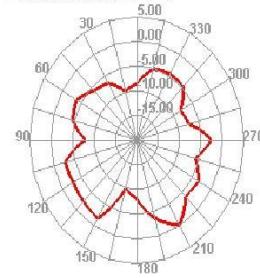
2400.000MHz H



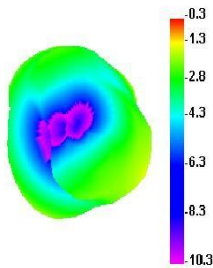
2400.000MHz E1



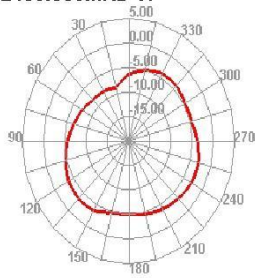
2400.000MHz E2



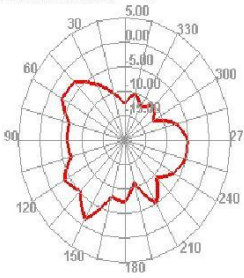
2450.000MHz



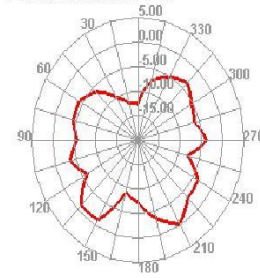
2450.000MHz H



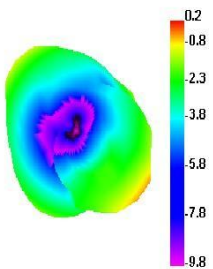
2450.000MHz E1



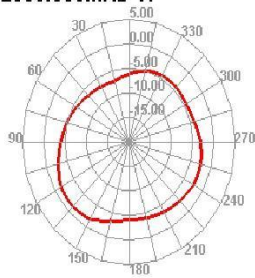
2450.000MHz E2



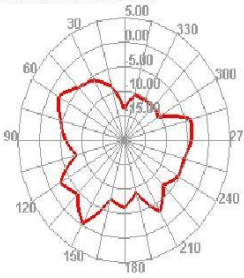
2500.000MHz



2500.000MHz H



2500.000MHz E1



2500.000MHz E2

