

SPECIFICATION

EL.RTL8192FC-CWFT_Antenna0

Manufacturer	Guangzhou Shikun Electronic Technology Co., LTD
Name	EL.RTL8192FC-CWFT_Antenna0
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
Yajuhui	Lv Guitian	

REVISION HISTORY

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

1. Index

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2. Test Equipment & Conditions

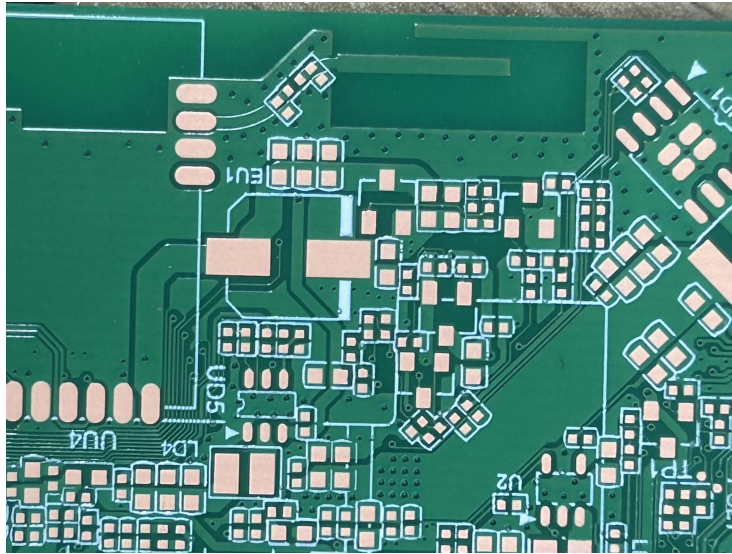
2.1. Network Analyzers : KEYSIGHT P5002A

2.2. Communications Test Set: R&S CMW 500

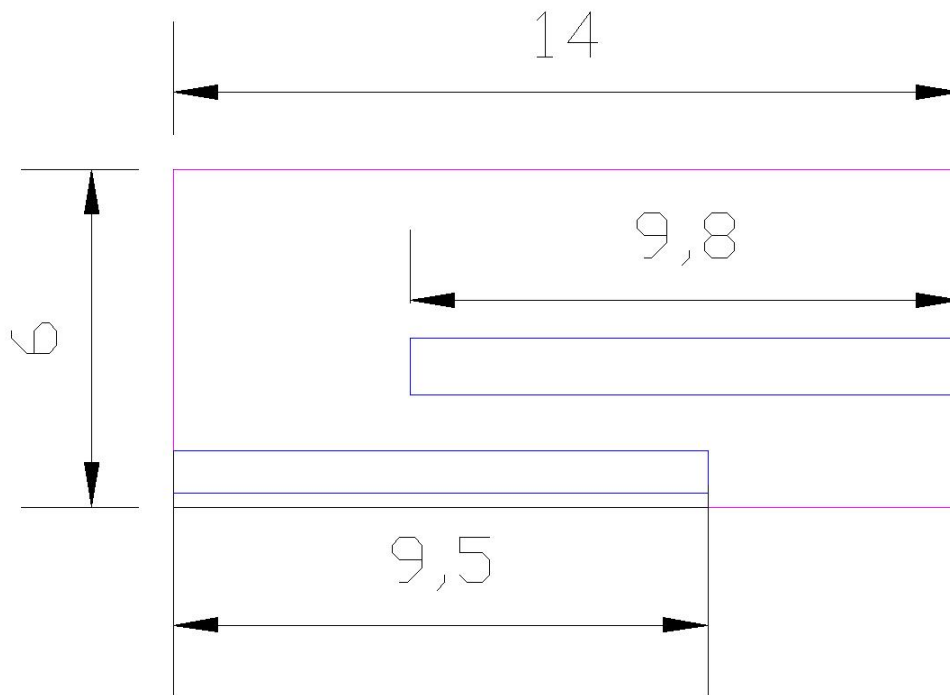
2.3. 3D Chamber Test System: Feitu Test System



3. Mechanical instruction

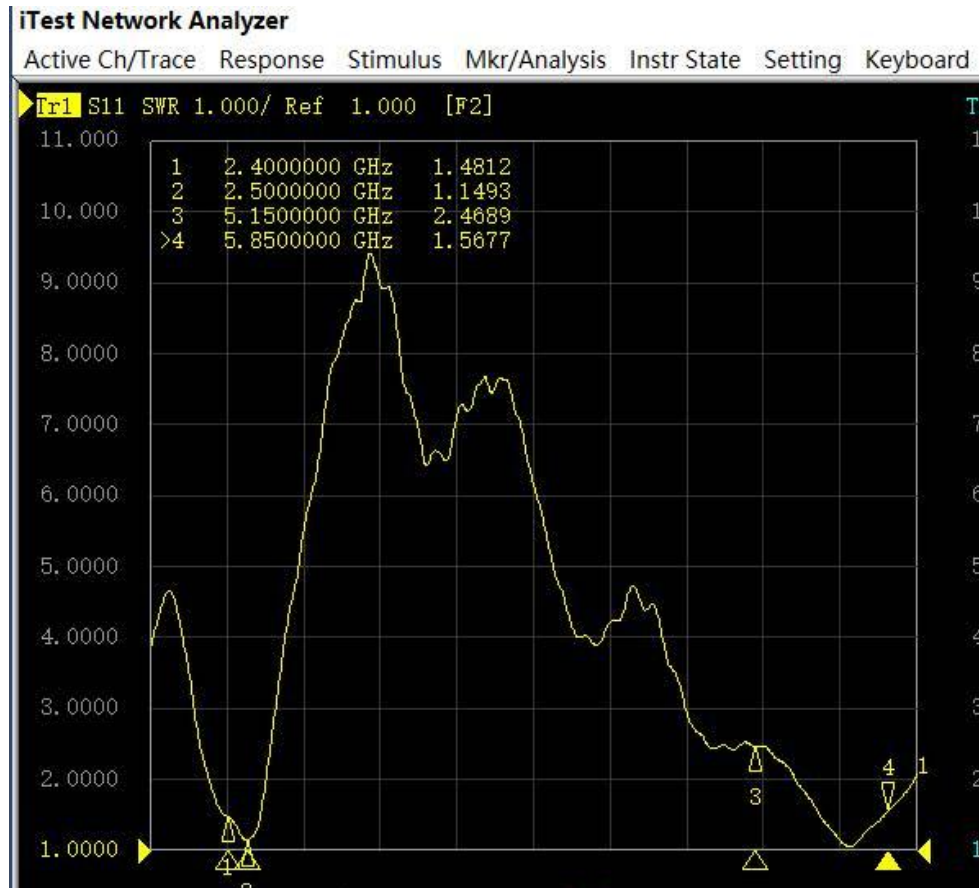


Picture of the antenna



Antenna size diagram

3.1.S11-WIFI:



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

Frequency ID	1	2	3	4	5	6	7	8	9	10	11
Frequency (MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Gain (dBi)	3.22	2.92	2.96	2.91	2.35	1.61	1.40	1.52	1.50	1.54	1.64
Efficiency (%)	39.04	39.27	40.55	38.72	38.41	39.63	40.70	44.37	46.25	46.61	47.77

