

Antenna Specification

Manufacturer: Dongguan YiJia Electronics Communication Technology Co.,Ltd.

Address: No. Muyu Road, Shatou District, Chang'an Town, Dongguan City, Guangdong, China

Antenna Name: WIFI Antenna L=345mm MHF

Antenna Model: YJT01.010.106.301A

Antenna Type: Integrated FPC antenna

Antenna Gain: 4.2dBi Max for 2.4GHz Wi-Fi & Bluetooth

天线规格

Antenna Specification

Electrical Properties

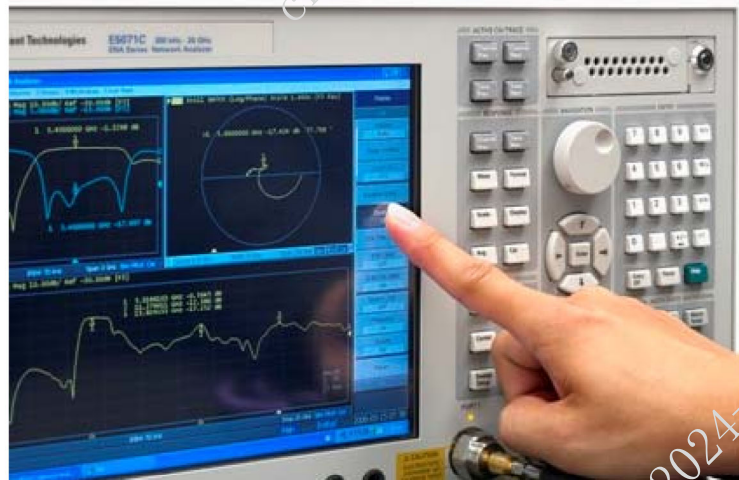
Frequency	2.4-2.5GHz
Impedance	50 Ohm Nominal
V.S.W.R	2.0 Max
Gain	4.6 dBi
Radiation	Omni-directional
Polarization	Linear

Physical Properties

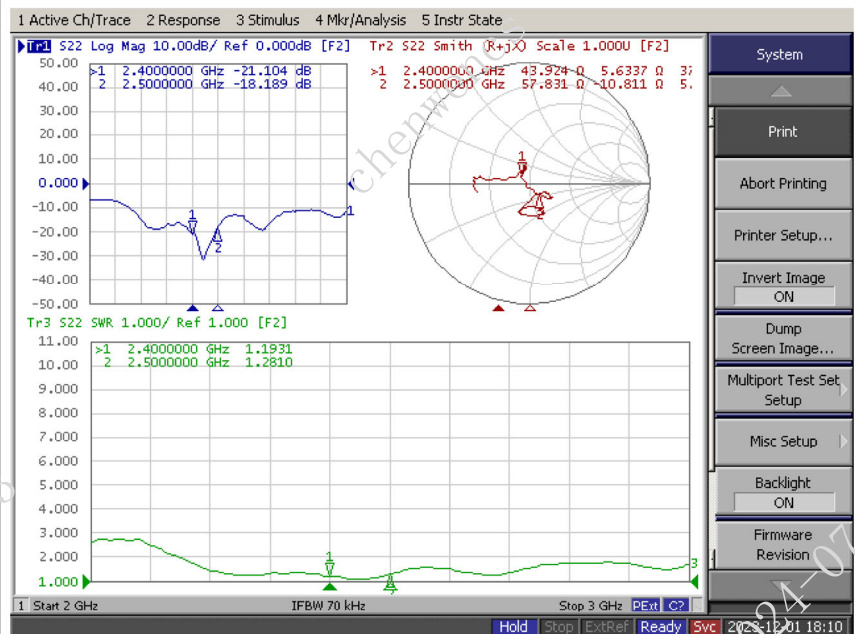
Connector	1代IPEX
Cable Type	O.D.1.13mm
Cable Length	345mm
Cable Color	Black
Operating Temp.	-40 ~ +85 °C
Storage Temp / Humidity	25±5°C / <70%

Antenna Performance Test

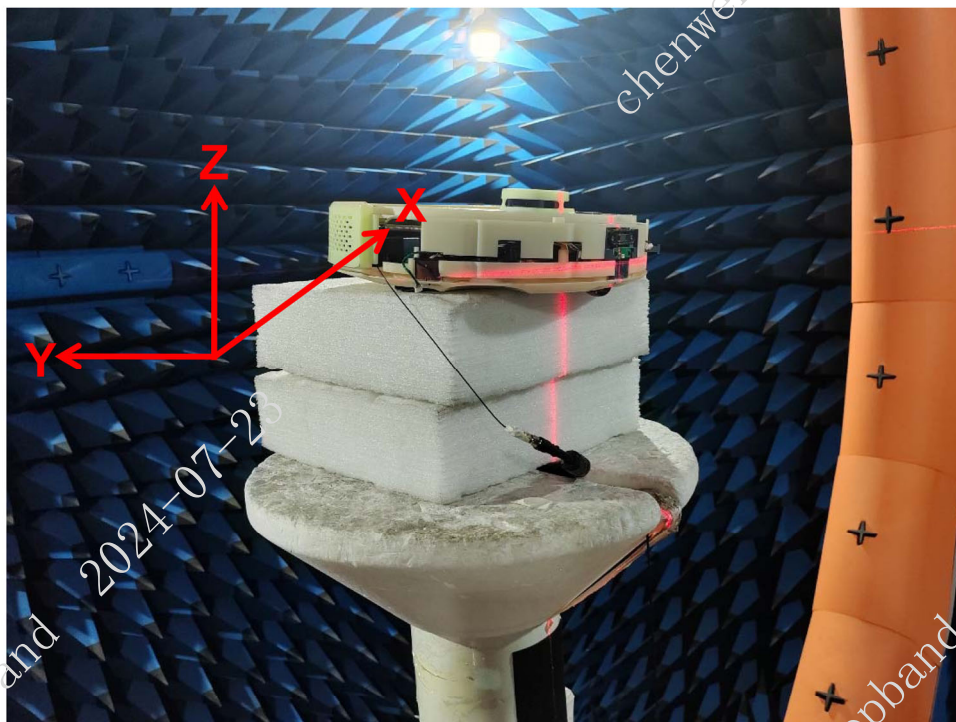
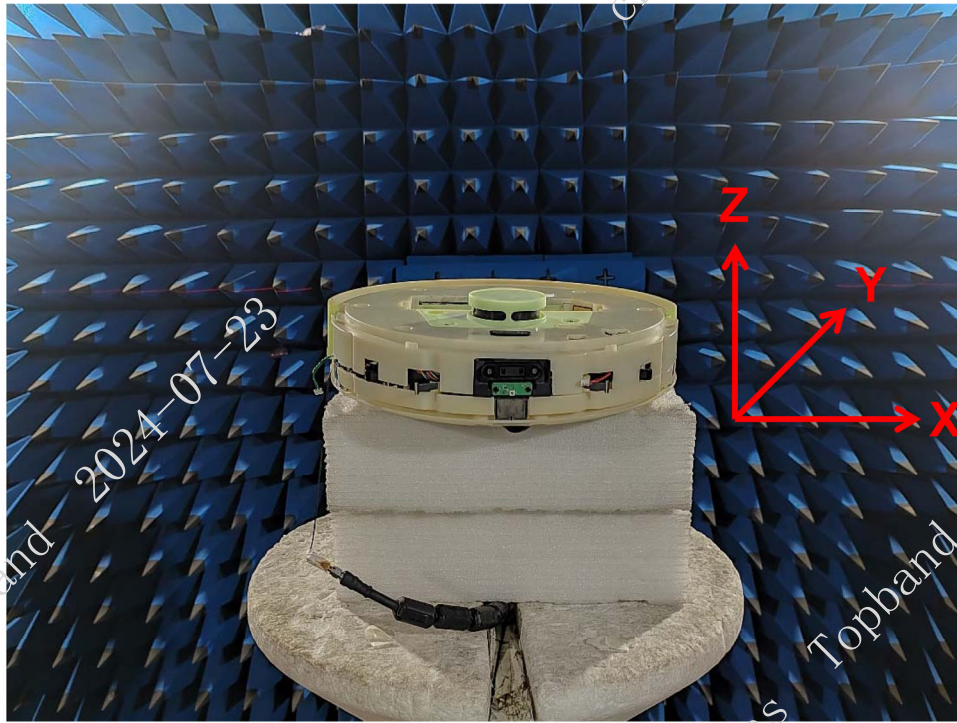
**Agilent
E5071B**



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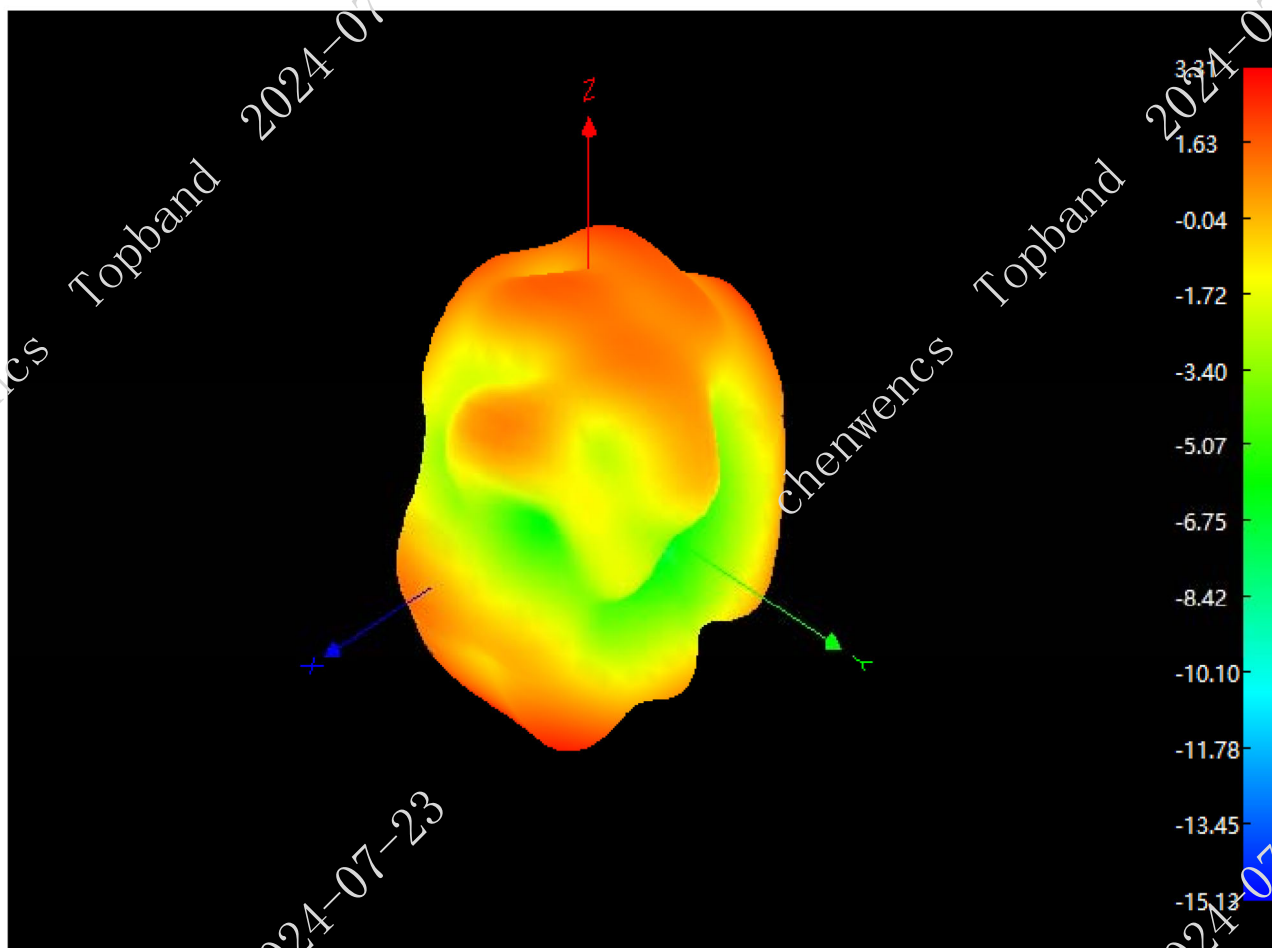


Antenna Passive Test

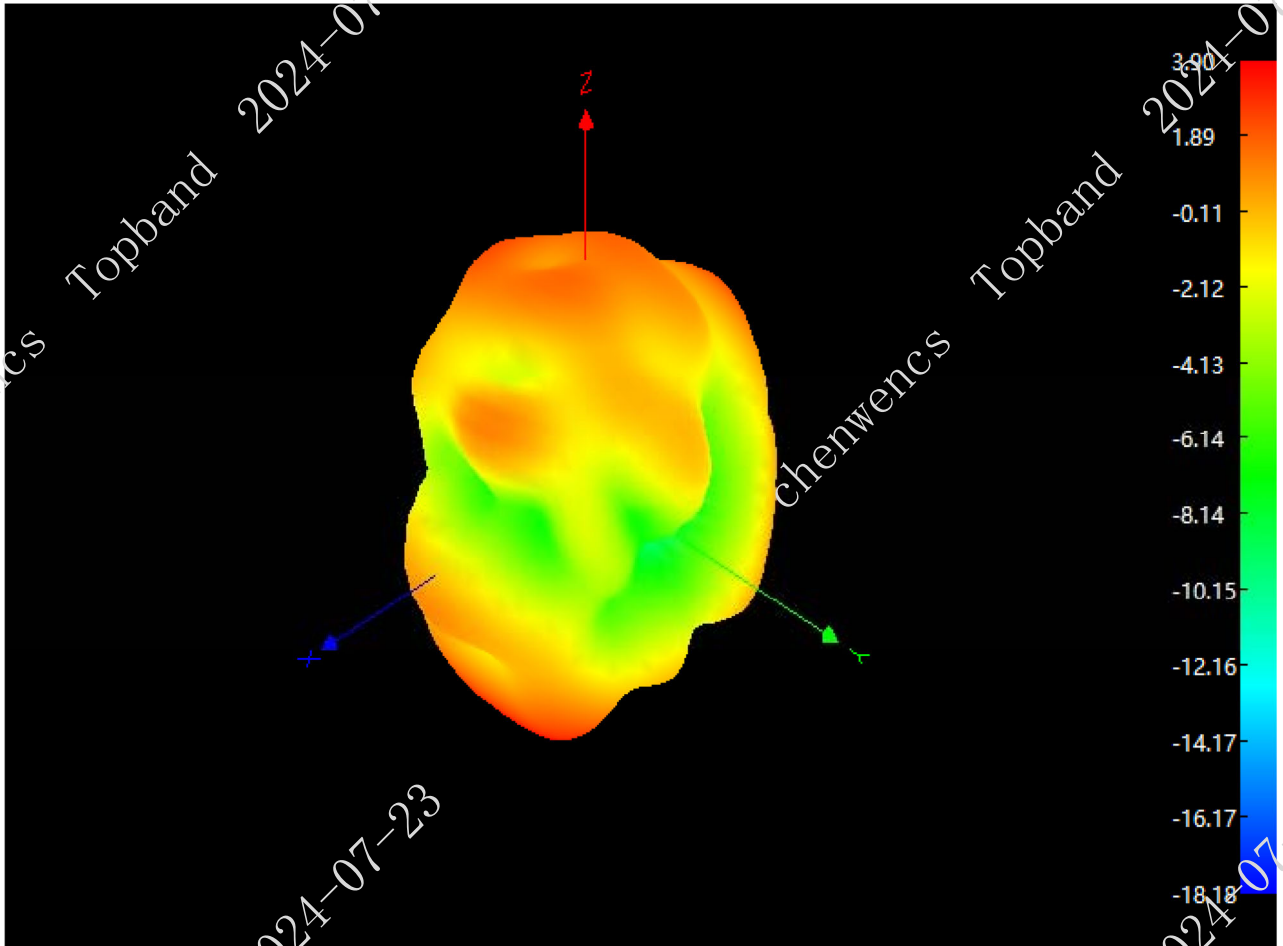


Passive Test For WiFi Antenna(2.4G)			
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	54.6	-2.6	3.3
2410	55.6	-2.6	3.5
2420	54.7	-2.6	3.5
2430	55.6	-2.6	3.6
2440	56.1	-2.5	3.7
2450	57.0	-2.4	3.9
2460	55.2	-2.6	3.5
2470	57.8	-2.4	4.2
2480	56.6	-2.5	4.1
2490	58.9	-2.3	4.6
2500	57.8	-2.4	4.4

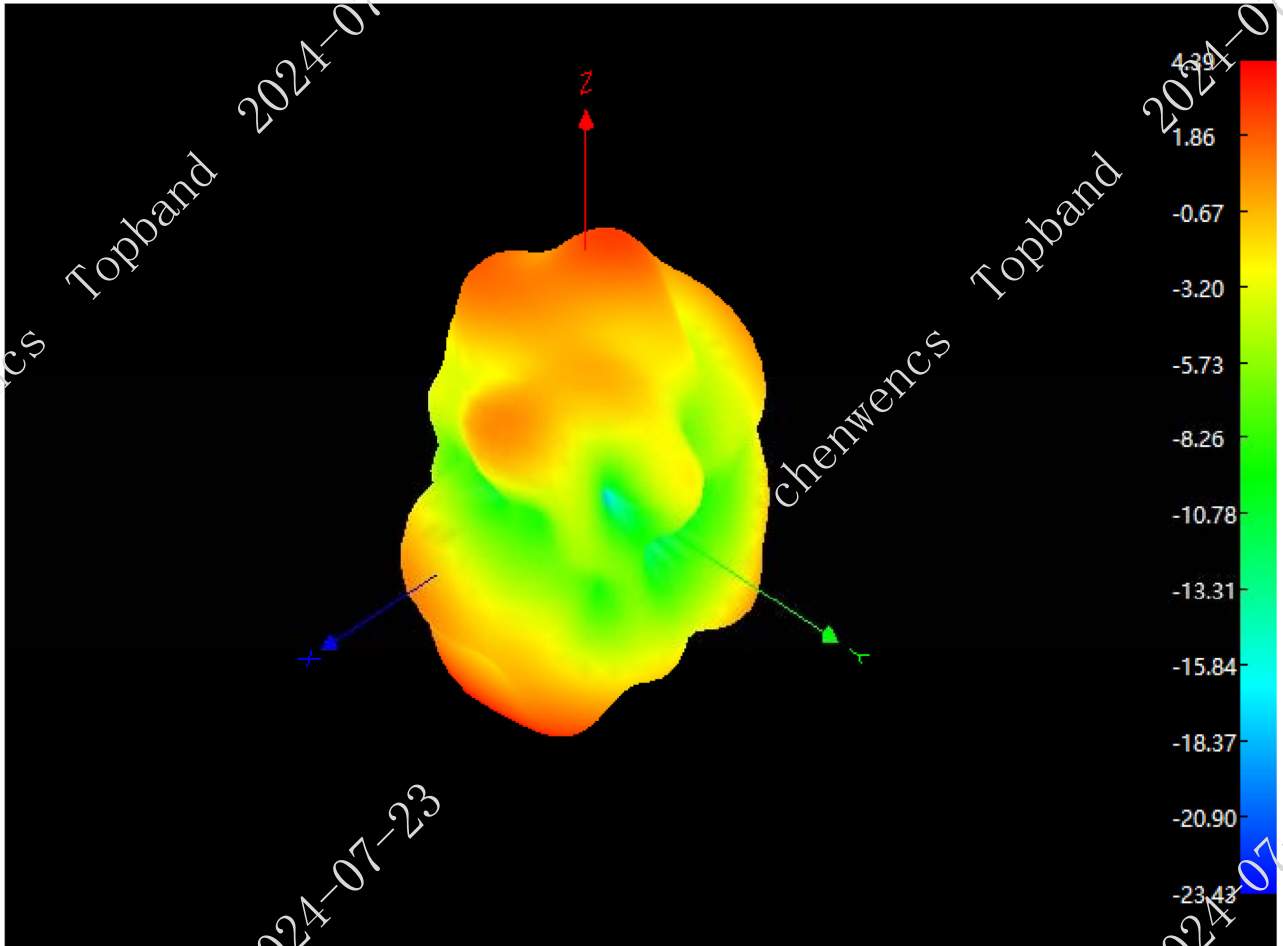
Radiation Pattern For WiFi Antenna(2400MHz)



Radiation Pattern For WiFi Antenna(2450MHz)

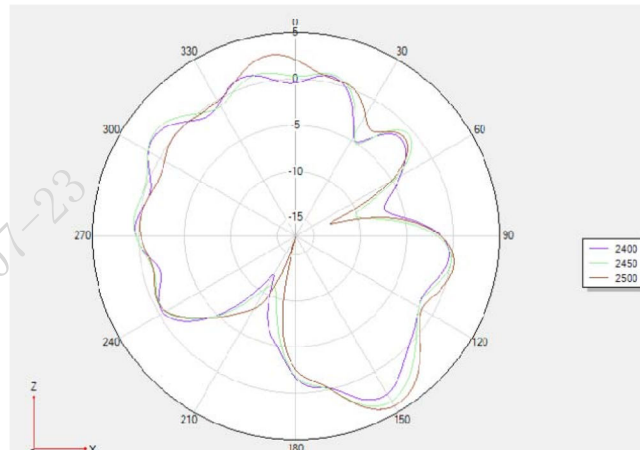


Radiation Pattern For WiFi Antenna(2500MHz)

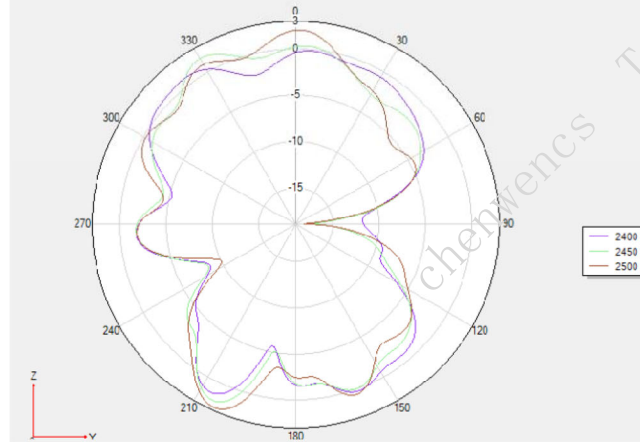


Radiation Pattern For WiFi Antenna

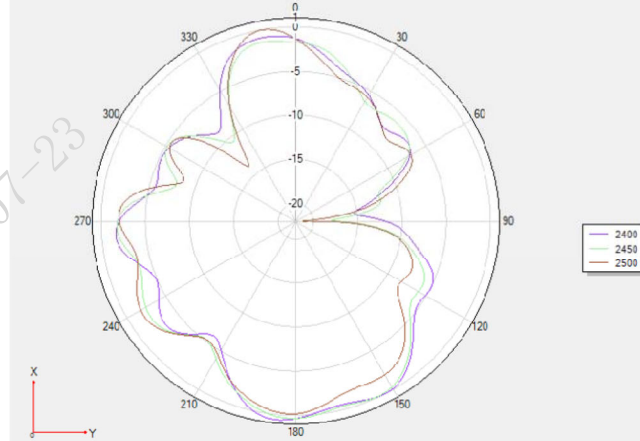
Phi 0°



Phi 90°



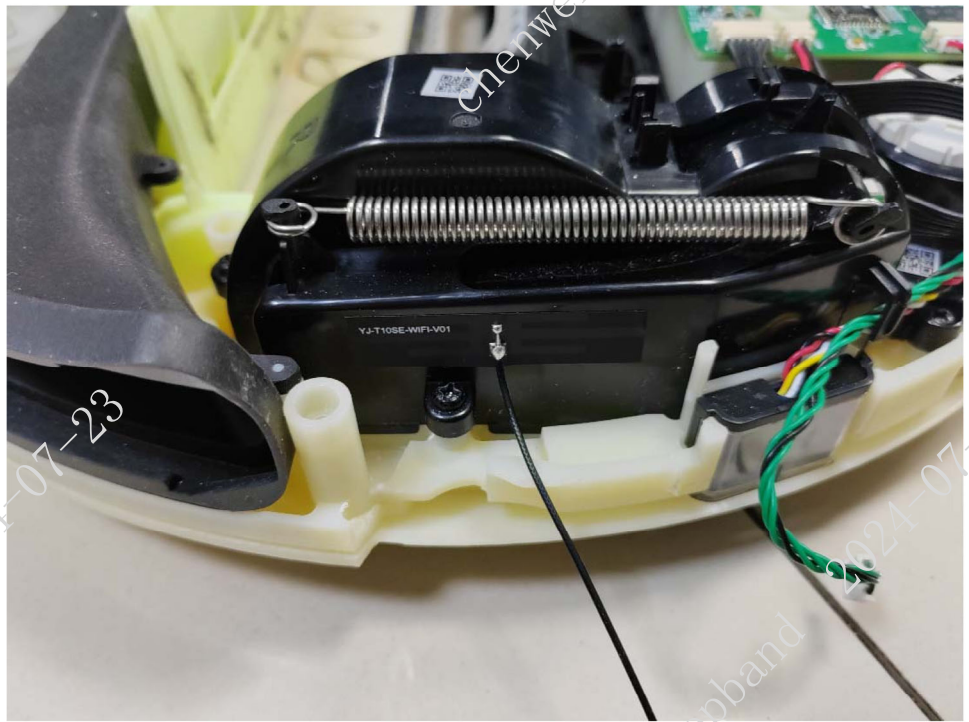
Theta 90°

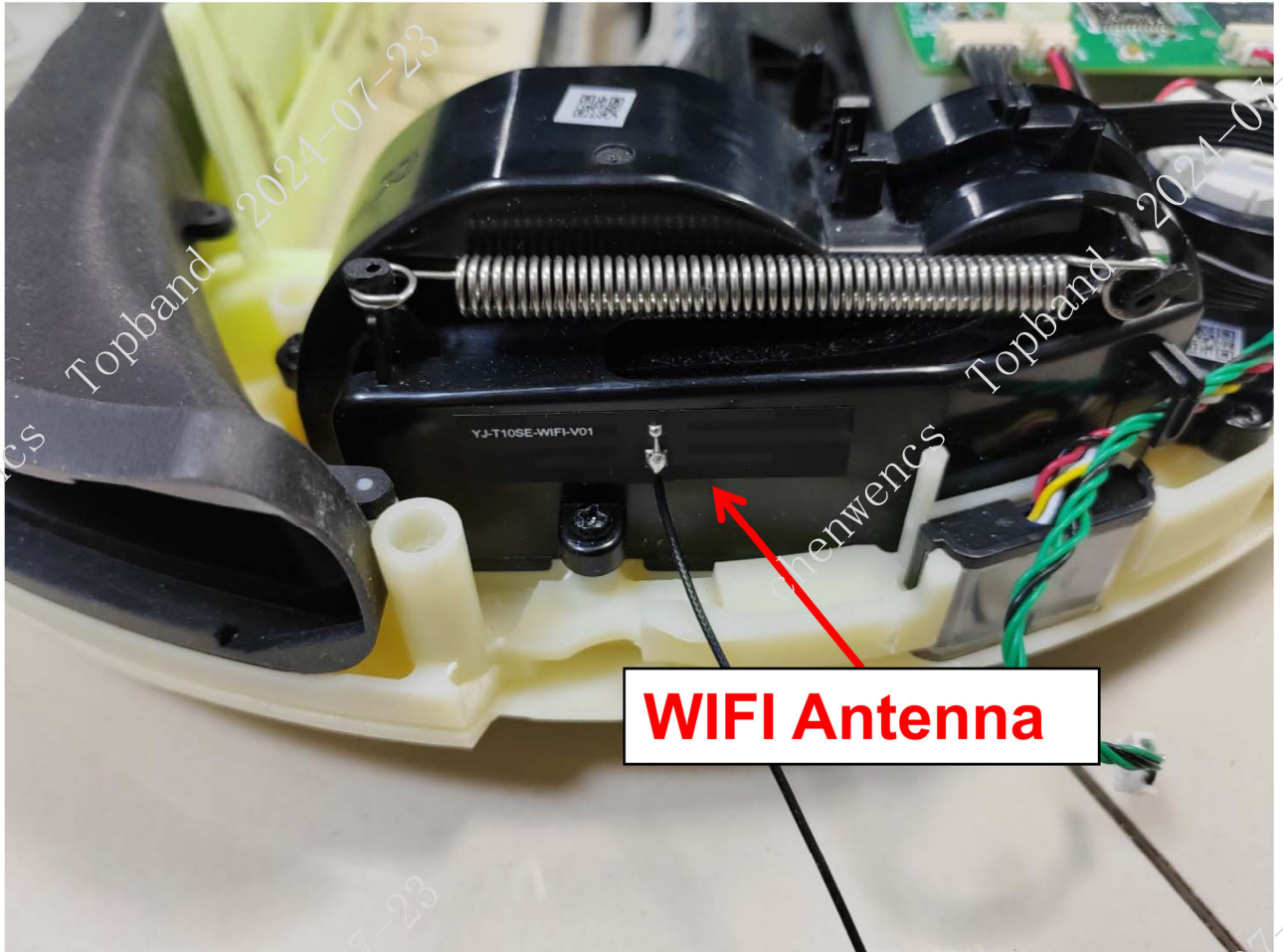


Device



***WIFI
Antenna***





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