
instructions:

This report contains several equipment for the antenna electrical performance test, test environment and test results, as well as structural drawings and inspection reports of the antenna. The picture shows the WIFI antenna designed by Shenzhen Kuruijie Communication Technology Co., Ltd. for PG 71 project.

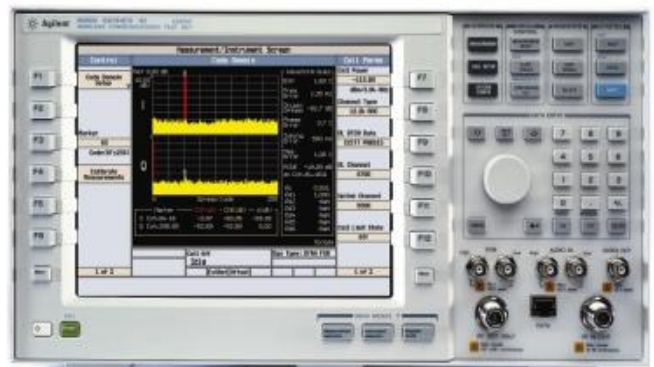
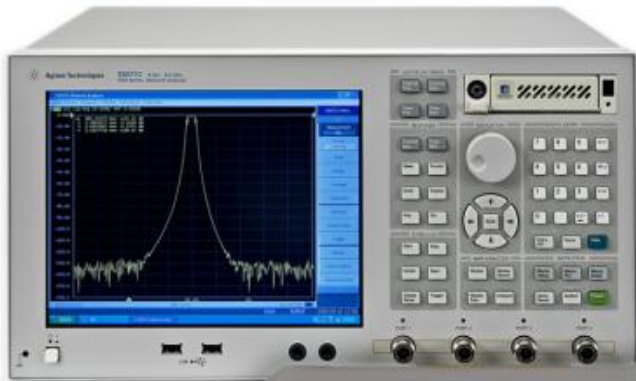
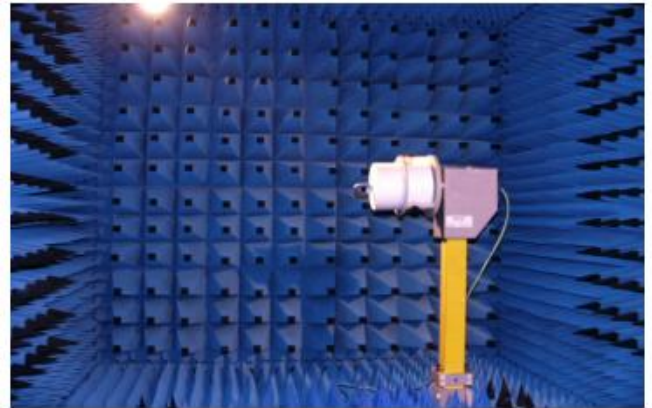


1. Structural components; this project consists of WIFI / BT antenna + common axis welding,
2. Material description; the antenna is made of FPC material, a pair of semi-electrolytic copper; back glue 3M9471;

Test equipment

1. The Equipment of Active Test

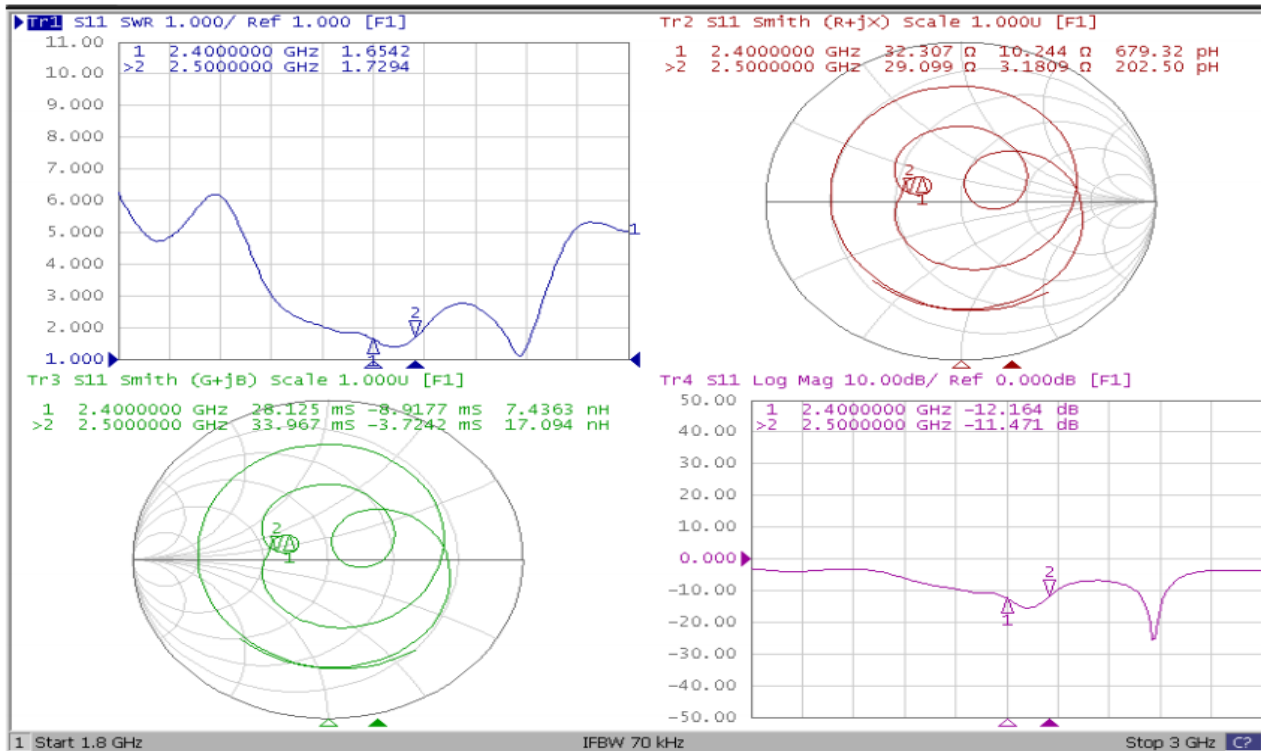
- 1: Anechoic Chamber 7x4x3 m (3D)
- 2: Rohde & Schwarz CMW500
- 3: AGILENT 8960 5515C
- 4: Network Analyzer-AGILENT ENA5071B



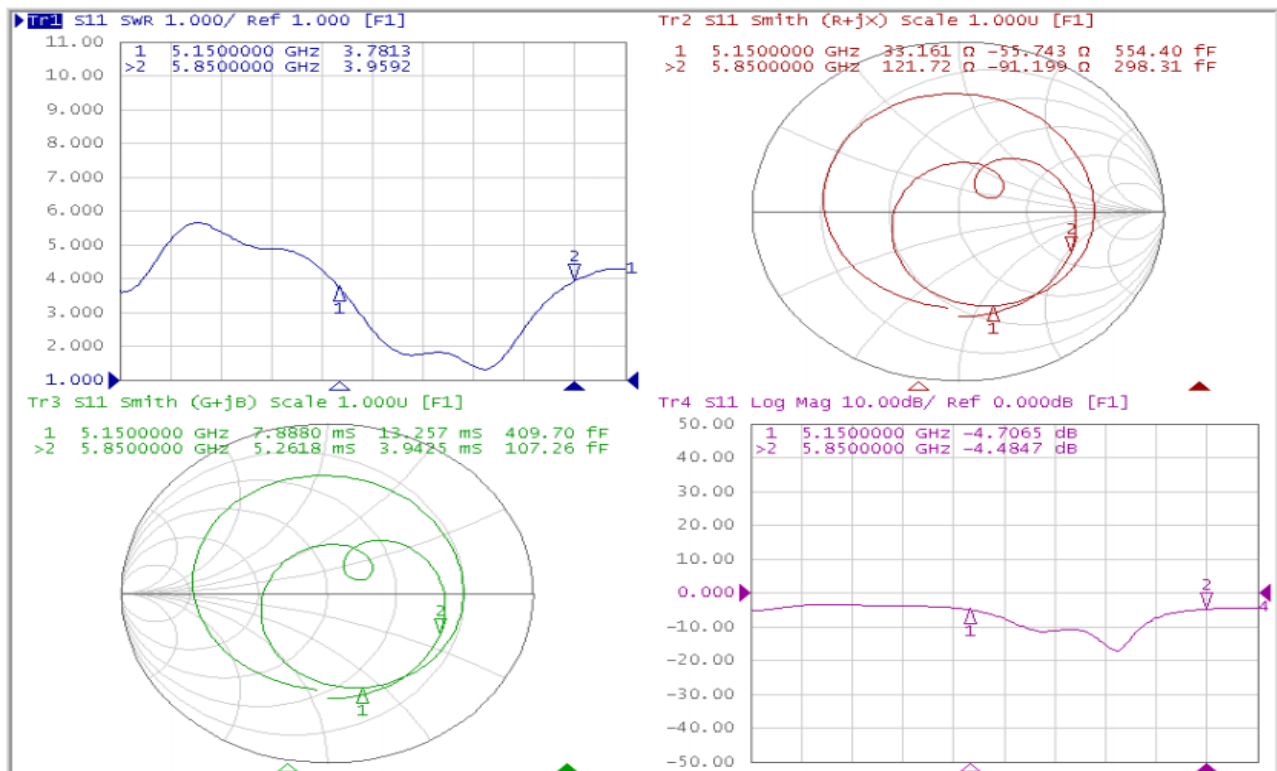
Manufacturer's Name and Address: Shenzhen Kuruijie
Communication Technology Co., Ltd. Shenzhen
Guangming
District Guangming Street Biyan Community Huaqiang
Creative Park Building 5C, Rooms 407-409

4 Test data report

2G-Wifi/BT



5G-Wifi



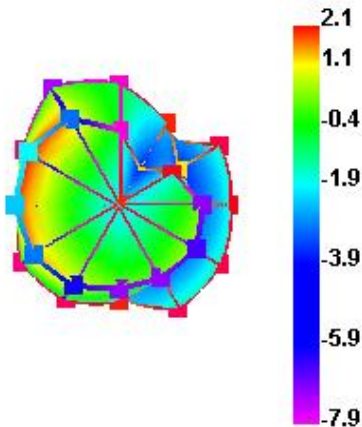
Active test data

Test Result	Wifi 2G/BT			Test Result	Wifi 5G	
	1	6	13		36	165
Frequency (MHz)	2412	2437	2472	Frequency (MHz)	5180	5825
TRP	9.05	9.03	8.44	TRP	16.25	17.2
TIS	-82.88	-83.66	-76.88	TIS	-70.93	-74.07

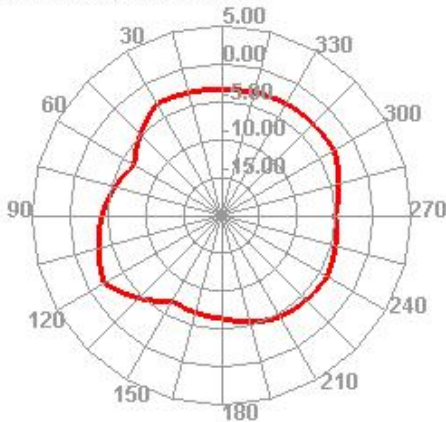
5. Antena Gain in dbi

	Band	Frequency (MHZ)	pattern	Max Gain(Dbi)
WiFi antenna	2. 4G /BT	2400-2500	IFA	2
	5G	5150-5850		3

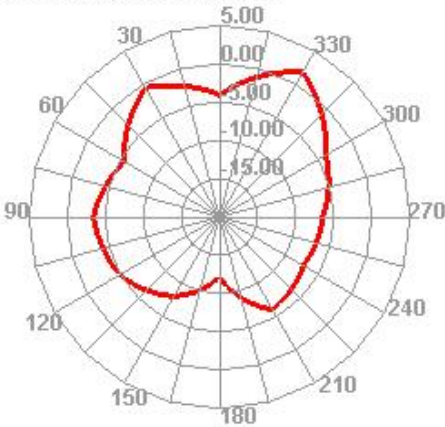
2450.000MHz



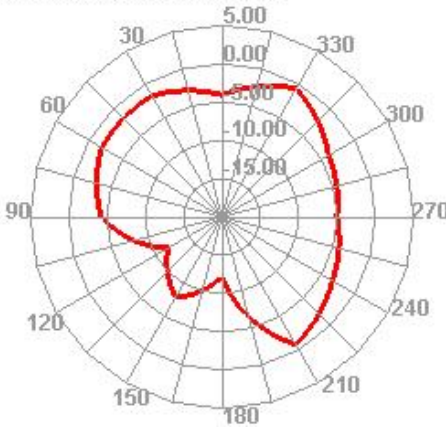
2450.000MHz H



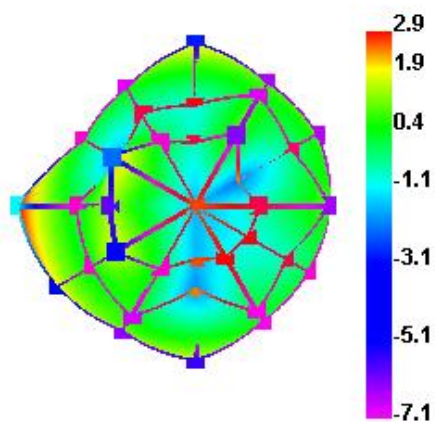
2450.000MHz E1



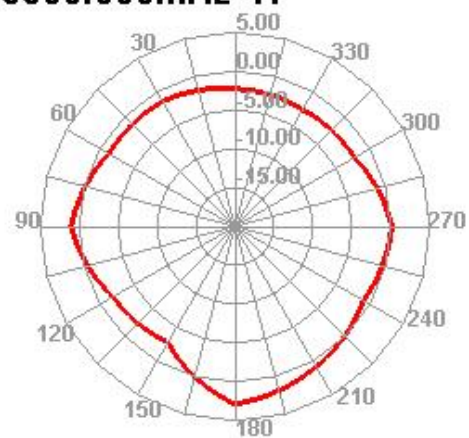
2450.000MHz E2



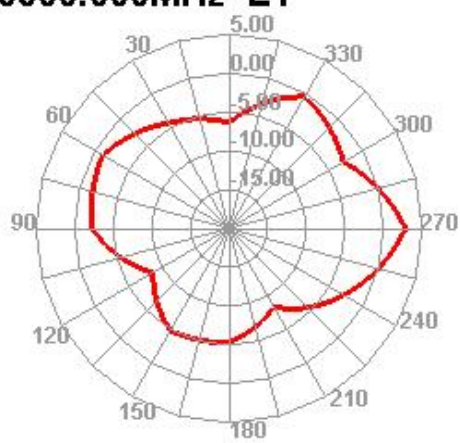
5500.000MHz



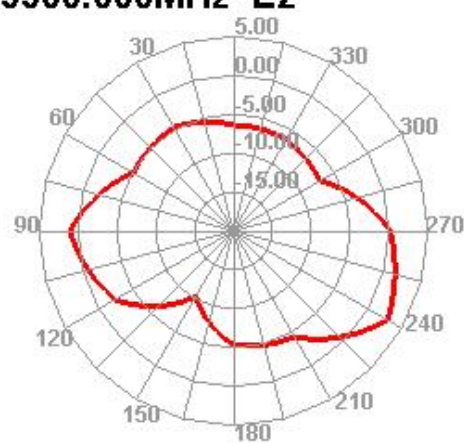
5500.000MHz H



5500.000MHz E1



5500.000MHz E2



antenna diagram

