



Dongguan YiJia Electronics Communication Technology Co.,Ltd.

Antenna specification

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Approval : Yin tao

Date : 2024 / 10/ 10



1. Antenna Profile

<i>WIFI Antenna</i>	



2. Antenna Profile

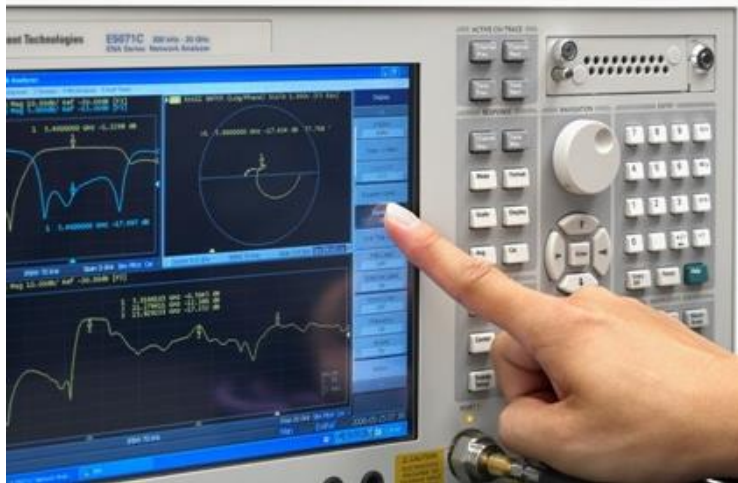
***WIFI
Antenna***



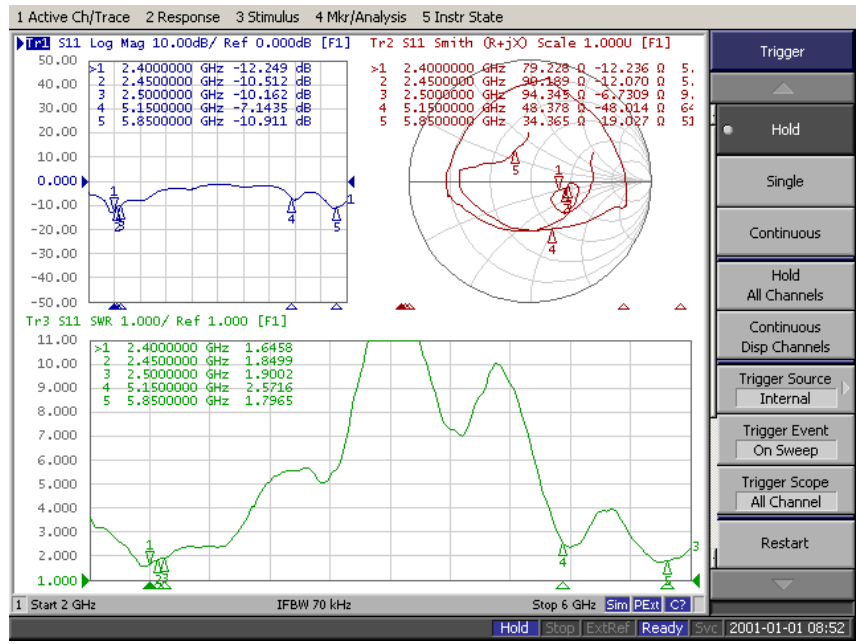


3. Antenna Performance Test

Agilent
E5071B



S
Parameter
Test //
WIFI
Antenna





Passive Test For WiFi Antenna(2.4G)

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	46.5	-3.3	1.7
2410	46.1	-3.4	1.5
2420	46.0	-3.4	1.2
2430	45.0	-3.5	0.9
2440	45.2	-3.5	0.7
2450	48.2	-3.2	1.1
2460	48.6	-3.1	1.2
2470	50.0	-3.0	1.4
2480	50.8	-2.9	1.4
2490	52.0	-2.8	1.5
2500	51.8	-2.9	1.5



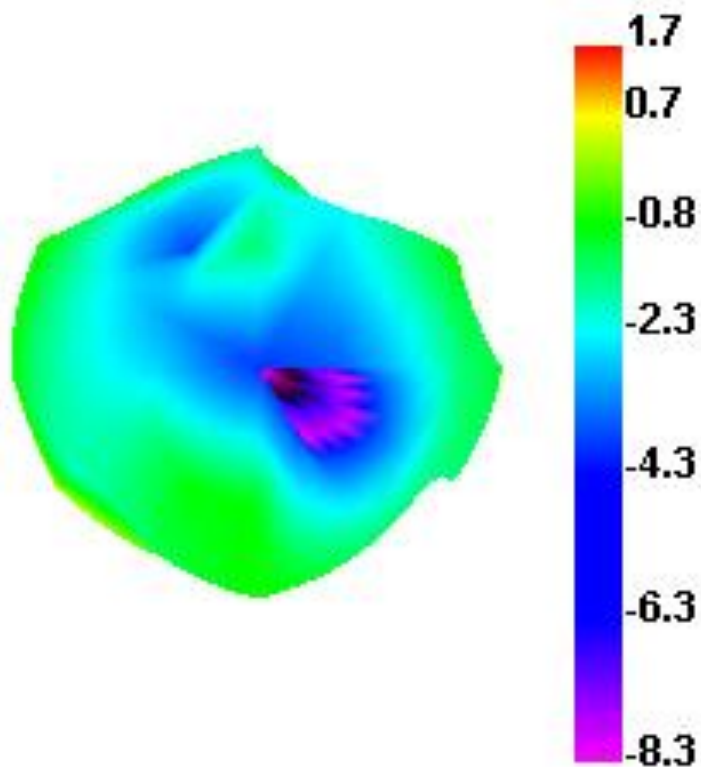
Passive Test For WiFi Antenna(5.8G)

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
5150	34.2	-4.7	-0.7
5200	35.7	-4.5	-0.2
5250	39.9	-4.0	0.6
5300	46.8	-3.3	1.6
5350	49.5	-3.1	2.1
5400	45.8	-3.4	2.2
5450	42.3	-3.7	2.1
5500	45.5	-3.4	2.2
5550	47.2	-3.3	2.0
5600	48.0	-3.2	1.8
5650	56.7	-2.5	2.3
5700	49.5	-3.1	1.6
5750	47.3	-3.3	1.5
5800	44.9	-3.5	1.7
5850	45.7	-3.4	1.7



Radiation Pattern For WIFI Antenna(2400MHz)

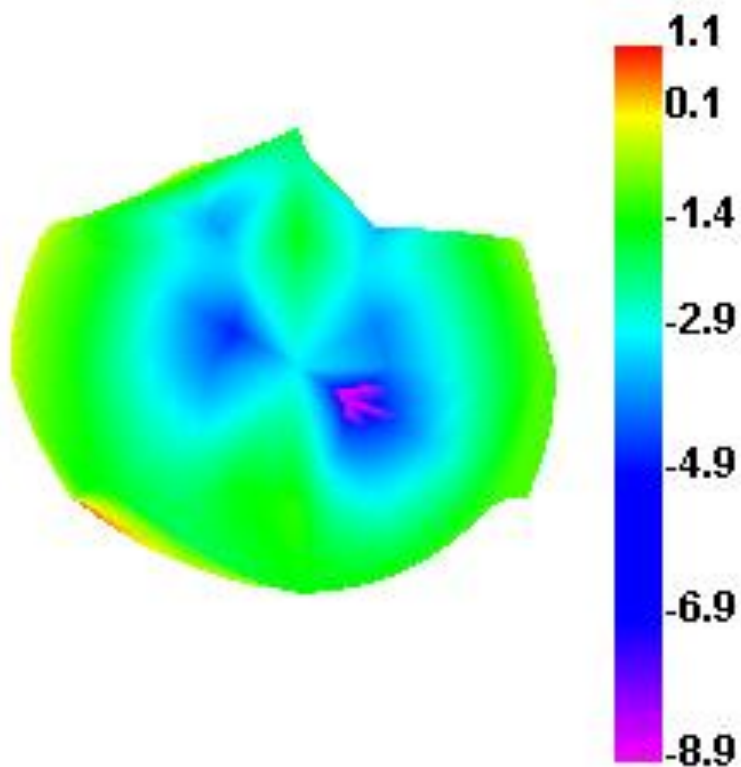
2400.000MHz





Radiation Pattern For WIFI Antenna(2450MHz)

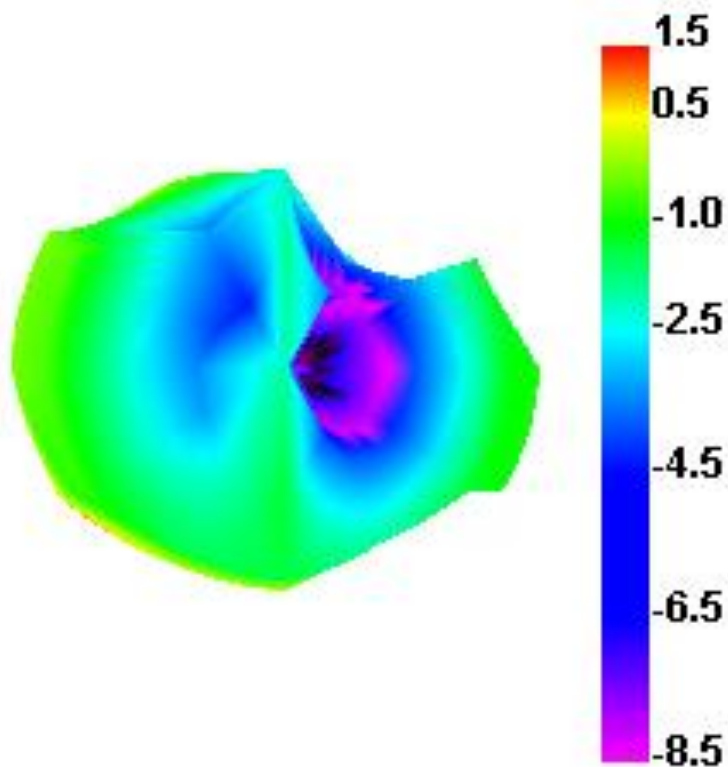
2450.000MHz





Radiation Pattern For WIFI Antenna(2500MHz)

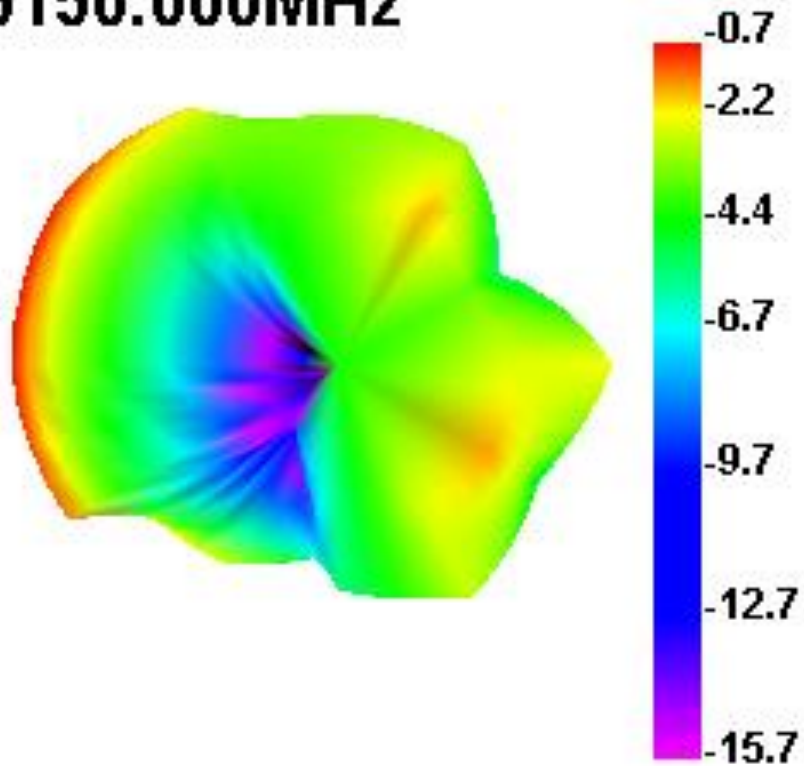
2500.000MHz





Radiation Pattern For WIFI Antenna(5150MHz)

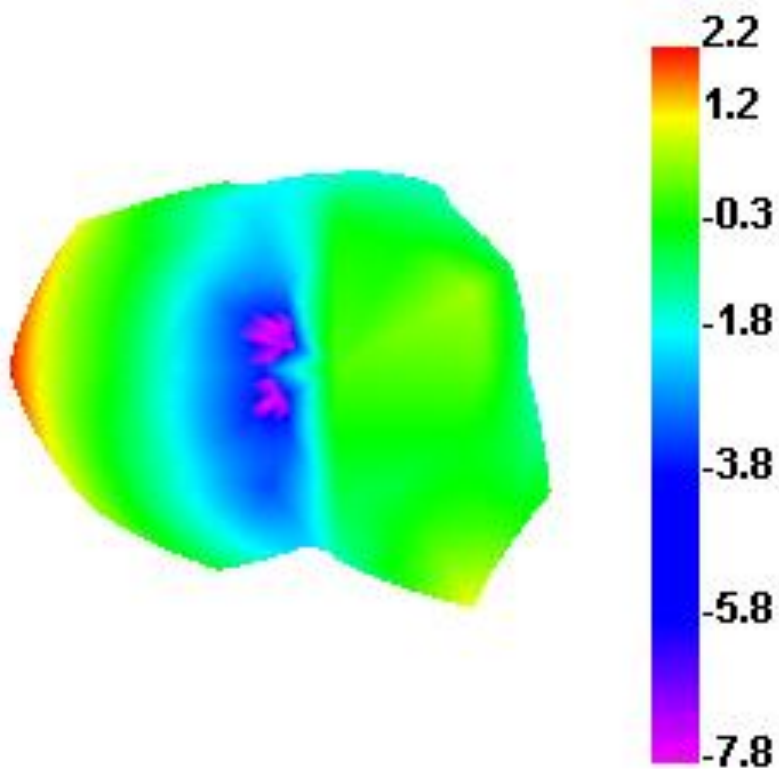
5150.000MHz





Radiation Pattern For WIFI Antenna(5500MHz)

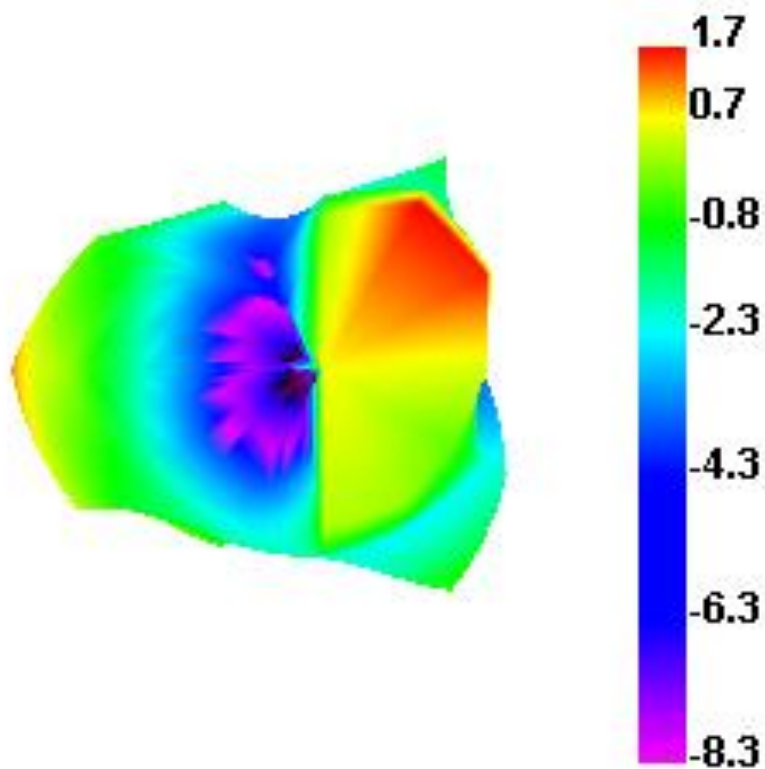
5500.000MHz





Radiation Pattern For WIFI Antenna(5850MHz)

5850.000MHz





4. Assembly Picture



