

WiFi 天线规格书

Antenna Specification-Test Report

公司名称 Company name: Shenzhen Ziwu Chuangxin Technology Co.,
Ltd.

产品名称 Product name: PCB Onboard WIFI Dualband Antenna

产品类型 Product type: WiFi antenna

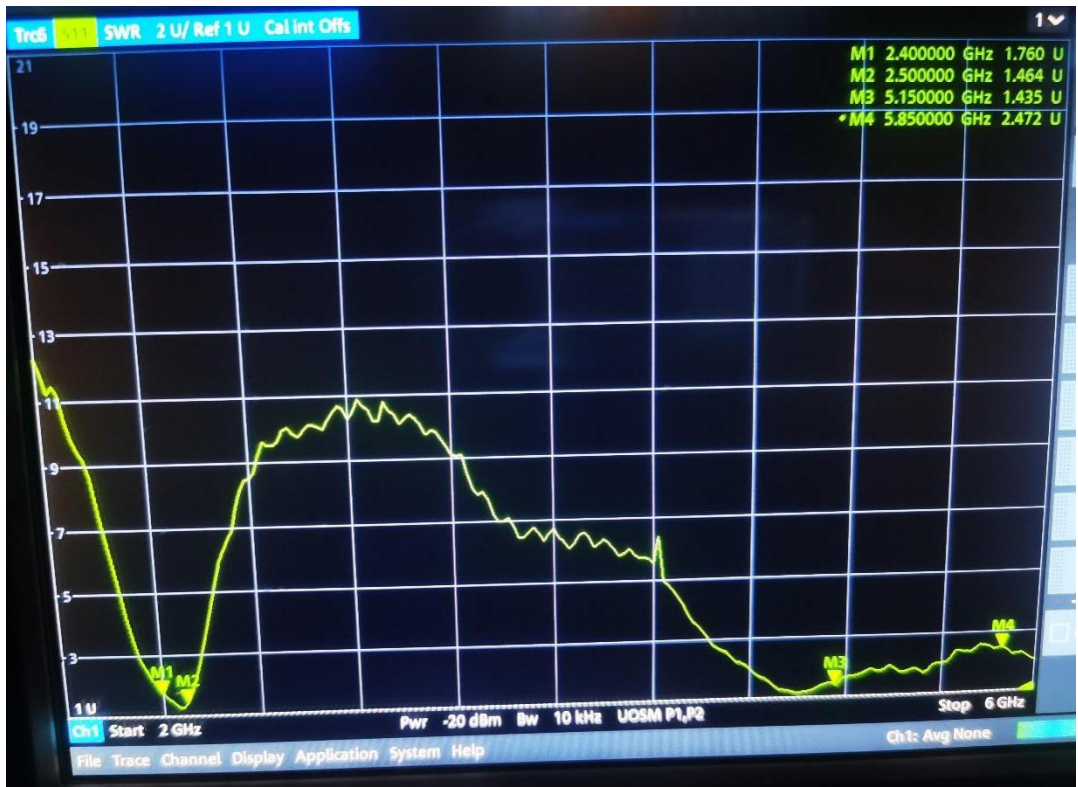
测试实验室 test lab: Uant Shenzhen

1.天线概要 Antenna Overview

公司名称	东莞优比有限公司
Company name	Dongguan UB Electronic CO.,LTD
公司地址	广东省东莞市塘厦镇林村新发路9号2栋
Company address	101 室
天线名称	WiFi 天线
Product name	PCB Onboard WIFI Dualband Antenna
天线型号	
Product type	
天线类型	WiFi Antenna
Product model	
天线频段	2400~2483MHz&5150~5850MHz
Frequency	
最大增益	0.8dBi@2.4GHz
Maximum Gain	2.90dBi@5GHz
阻抗	50 Ohm
Impedance	

2. 天线参数 Antenna Specification

驻波比 VSWR:



增益效率 Gain & efficiency:

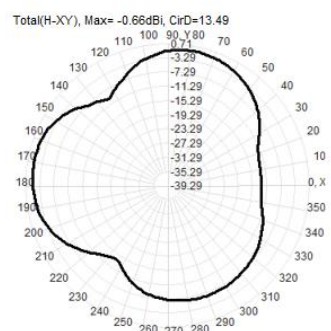
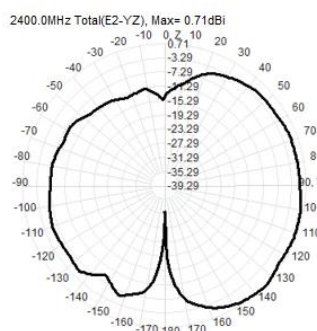
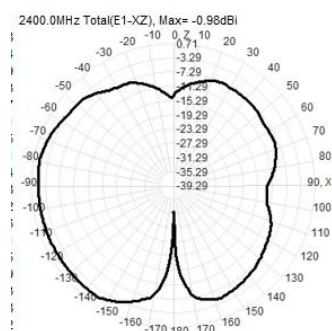
Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
2400.0	-4.85	0.80	32.70
2410.0	-4.95	0.45	31.97
2420.0	-5.22	-0.16	30.09
2430.0	-5.38	-0.38	28.98
2440.0	-5.58	-0.86	27.70
2450.0	-5.69	-1.37	26.95
2460.0	-5.93	-1.78	25.55
2470.0	-6.23	-2.08	23.85
2480.0	-6.81	-2.62	20.86
5150.0	-2.94	2.38	50.86

5200.0	-2.88	2.33	51.56
5250.0	-3.27	1.60	47.12
5300.0	-3.17	1.70	48.20
5350.0	-2.83	2.16	52.17
5400.0	-3.00	2.36	50.08
5450.0	-3.01	2.77	50.02
5500.0	-2.74	2.90	53.19
5550.0	-2.91	2.61	51.11
5600.0	-3.62	1.73	43.44
5650.0	-4.07	1.70	39.18
5700.0	-3.77	1.68	41.97
5750.0	-4.04	1.48	39.47
5800.0	-4.31	1.09	37.11
5850.0	-3.72	1.70	42.43

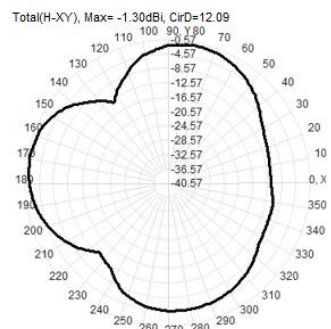
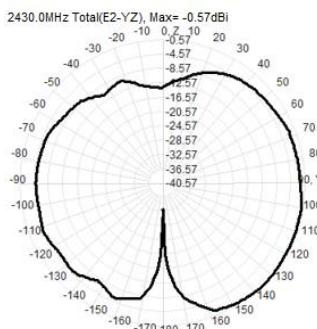
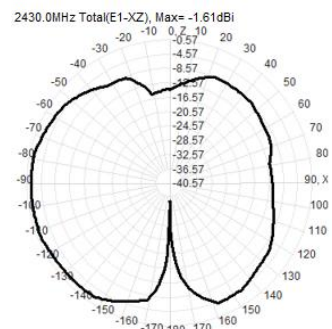
3.辐射方向图 Radiation Pattern

2D Pattern

2.4G

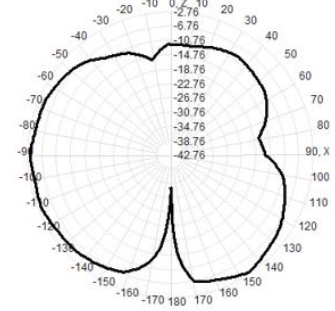


2.44G

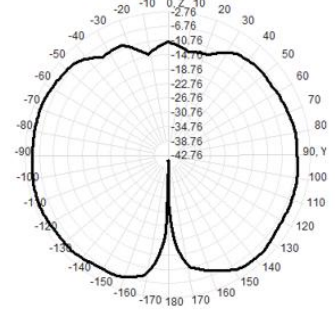


2.48G

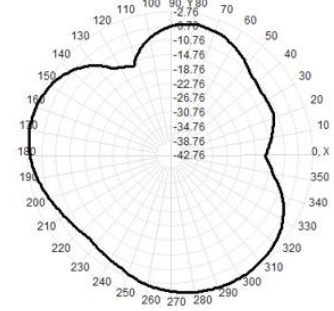
2480.0MHz Total(E1-XZ), Max= -3.50dBi



2480.0MHz Total(E2-YZ), Max= -4.18dBi

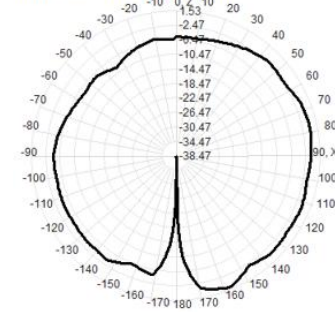


Total(H-XY), Max= -2.76dBi, CirD=13.55

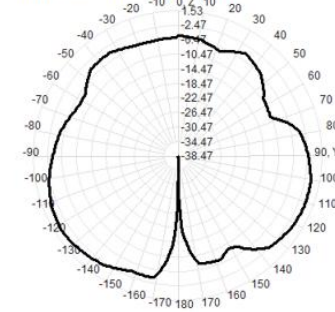


5.15G

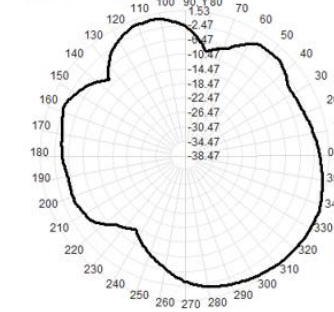
5150.0MHz Total(E1-XZ), Max= 0.55dBi



5150.0MHz Total(E2-YZ), Max= -0.38dBi

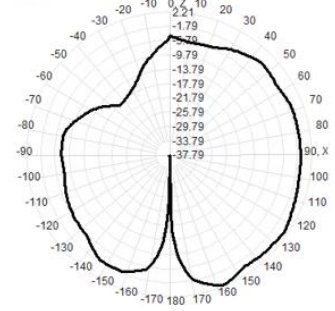


Total(H-XY), Max= 1.53dBi, CirD=15.63

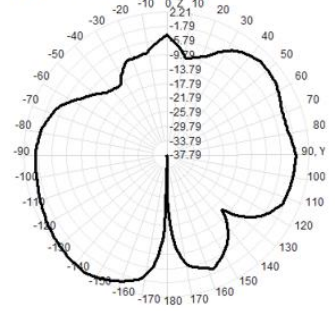


5.5G

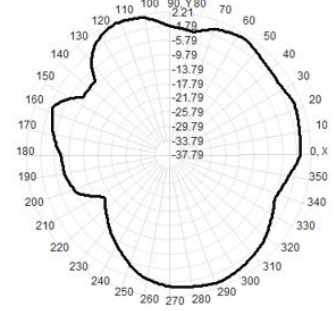
5500.0MHz Total(E1-XZ), Max= 1.60dBi



5500.0MHz Total(E2-YZ), Max= 2.21dBi

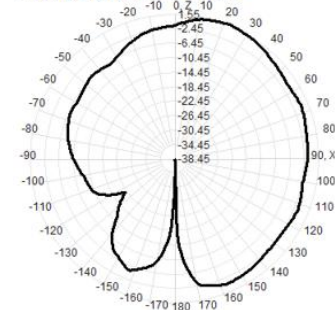


Total(H-XY), Max= 1.88dBi, CirD=18.08

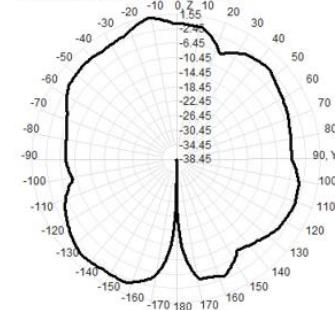


5.85G

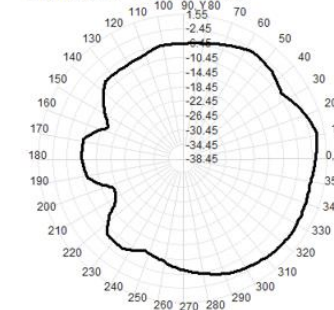
5850.0MHz Total(E1-XZ), Max= 1.55dBi



5850.0MHz Total(E2-YZ), Max= 1.28dBi



Total(H-XY), Max= -0.94dBi, CirD=16.82

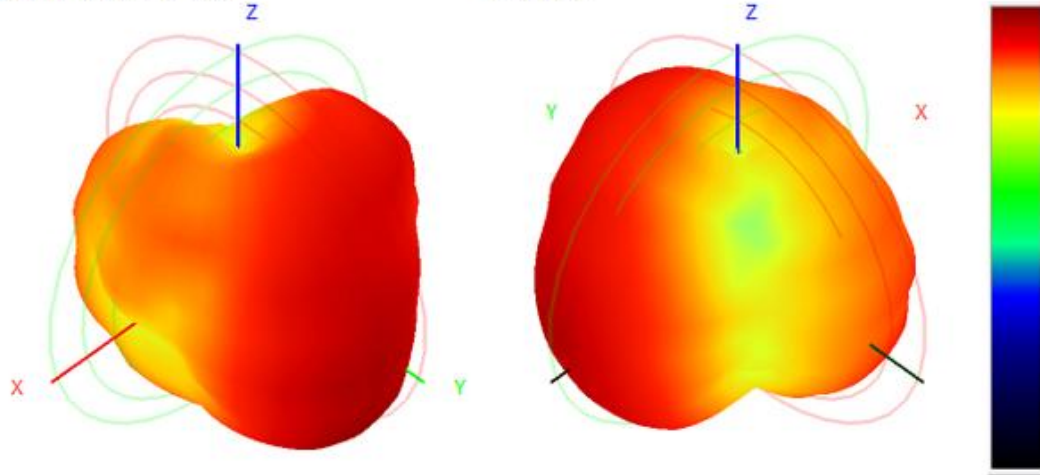


3D Pattern

2.4G

2400.0MHz Total, Eff: 32.7%

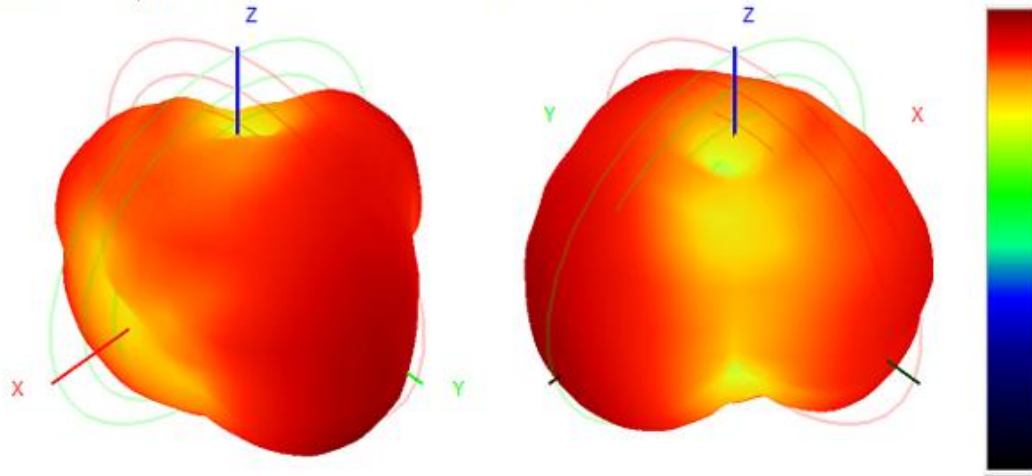
Back View



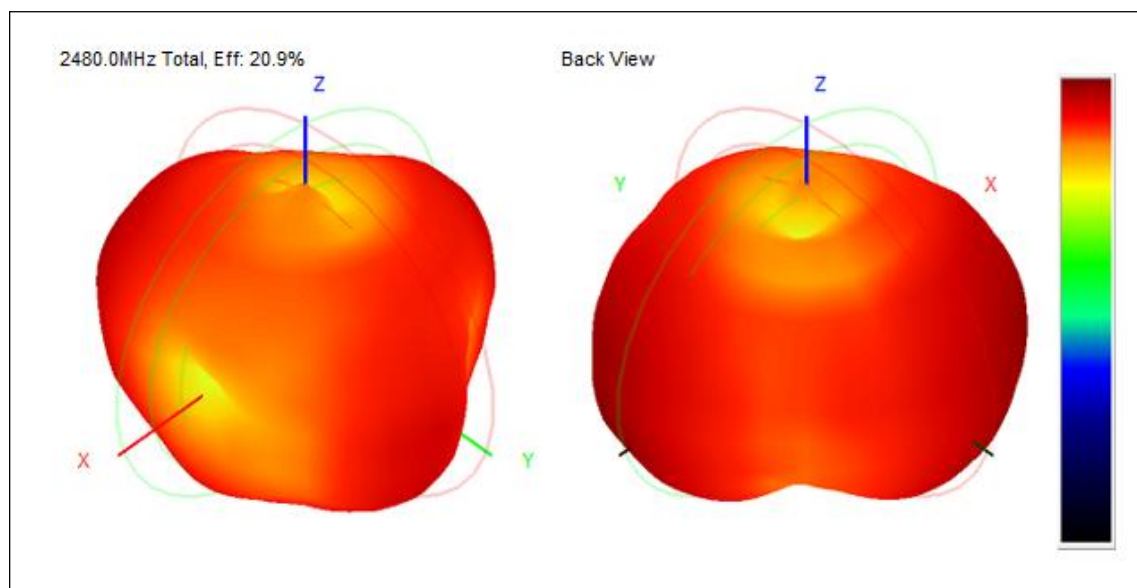
2.44G

2440.0MHz Total, Eff: 27.7%

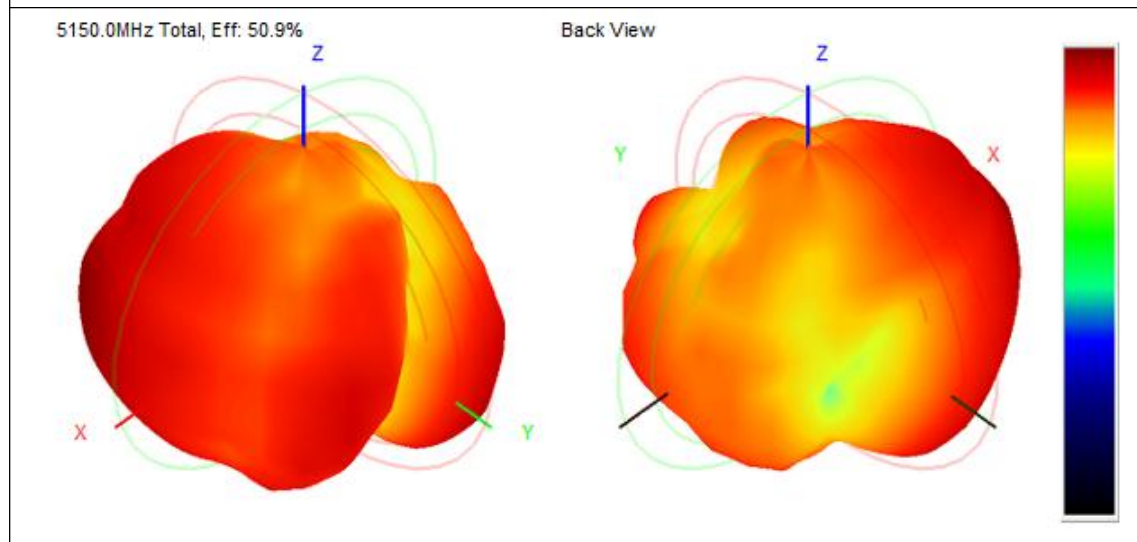
Back View



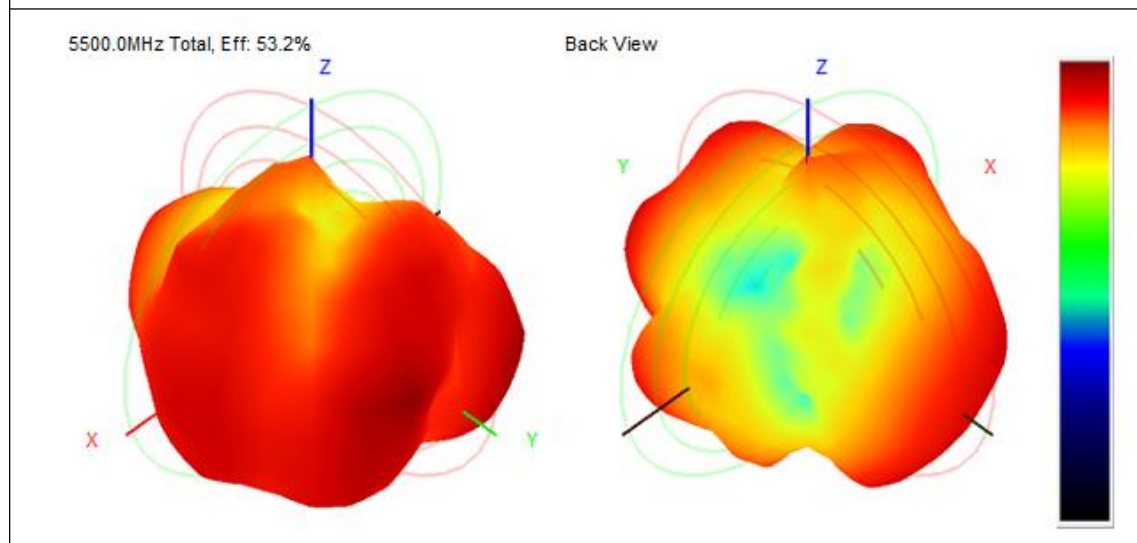
2.48G



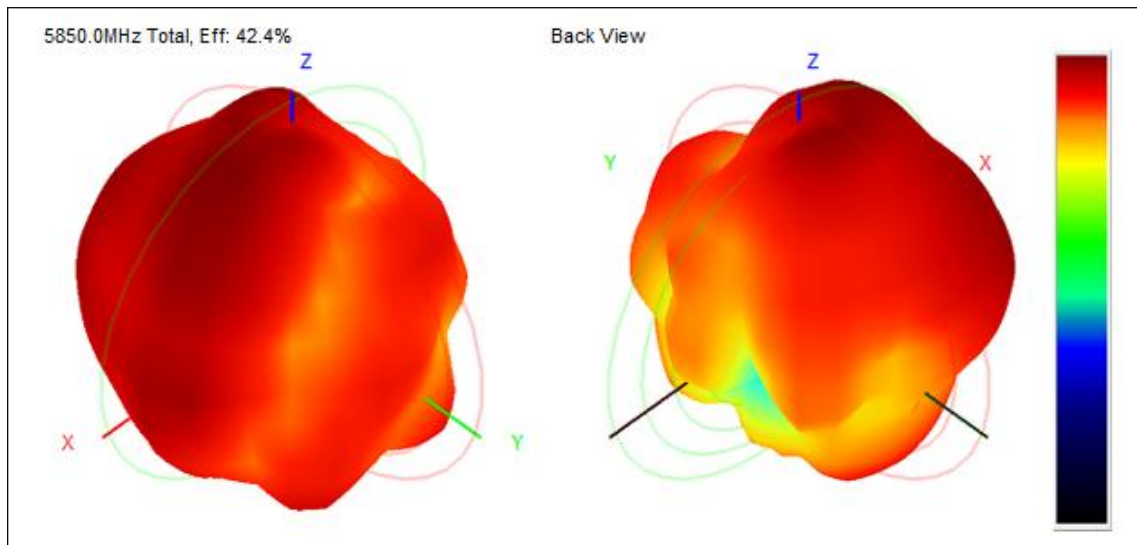
5.15G



5.5G



5.85G



4. 天线尺寸 Antenna Size:

尺寸: 20mm*6mm

