

深圳市飞路通科技有限公司

SHENZHEN FREERULE COMMUNICATION TECHNOLOGY CO.,LTD

1. Material certificate

FPC: The surface of copper foil is green oil, with a total thickness of 0.15mm and a size of 9.58*37.6mm.

2: Antenna manufacturer information

Shenzhen feilutong technology co., ltd

Address: Floor 2, Building A, Hongchang Industrial Park, No.39, Shiyan Kengwei Avenue, Bao 'an District, Shenzhen, China Zip Code: 518108

Tel: 0755-29683233 Fax: 0755-29683337

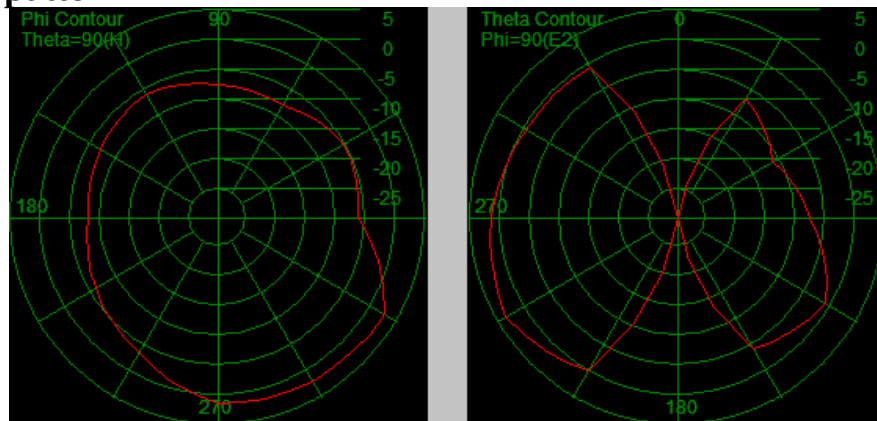
3: Antenna pattern and antenna gain

Standing wave ratio (VSWR):

Antenna efficiency gain:

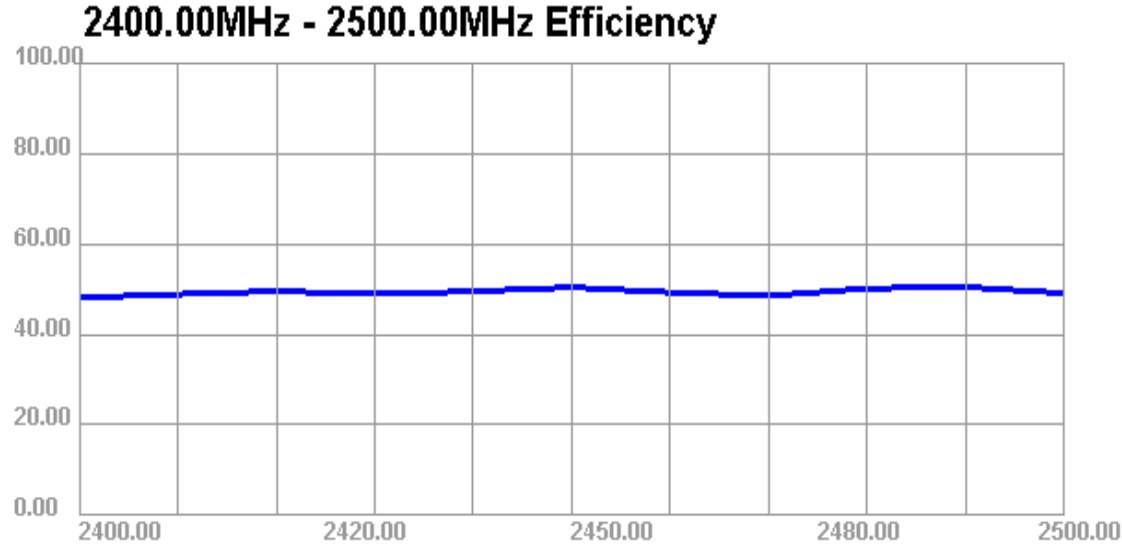
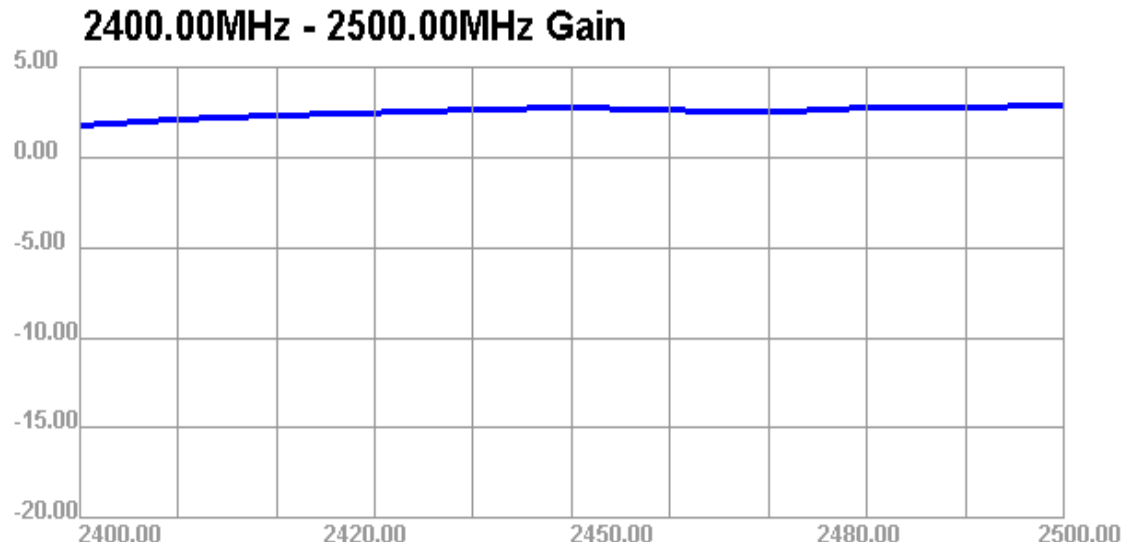
Test Point ID	Freq(Mhz)	Efficiency(%)	Gain(dBi)
one	2400	45.3%	2.54
2	2410	45.6%	2.87
three	2420	46.6%	2.89
four	2430	48.3%	3.12
five	2440	48.9%	3.24
six	2450	48.1%	3.46
seven	2460	49.6%	3.52
eight	2470	49.8%	3.64
nine	2480	49.0%	3.05
10	2490	47.8%	2.77
11	two thousand and five hundred	46.2%	2.13

Antenna pattern

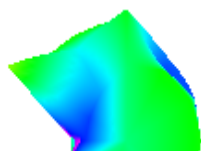


4. Reliability report

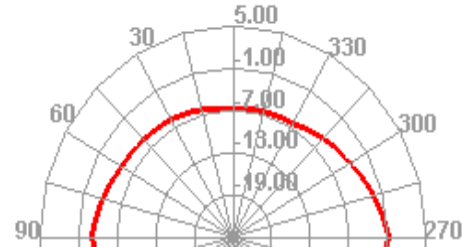
Passive Test For WIFI2.4		
Freq (MHz)	Effi (%)	Gain (dBi)
2400	48.15	1.76
2410	48.91	2.09
2420	49.57	2.32
2430	48.94	2.46
2440	49.54	2.63
2450	50.43	2.76
2460	49.32	2.61
2470	48.54	2.48
2480	50.2	2.75
2490	50.51	2.74

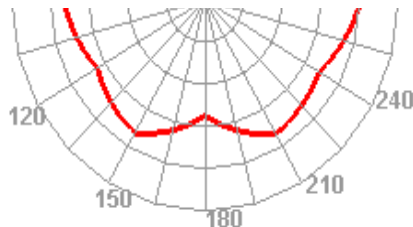
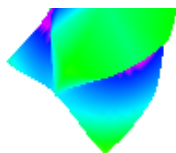


2400.000MHz



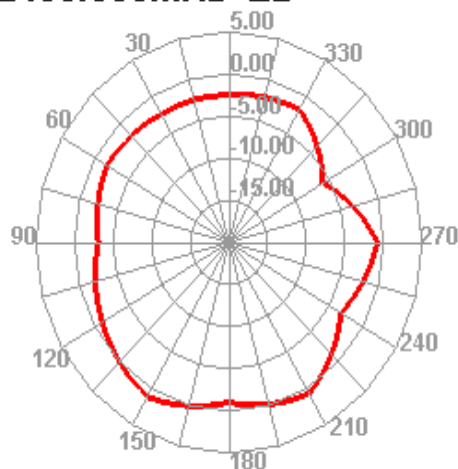
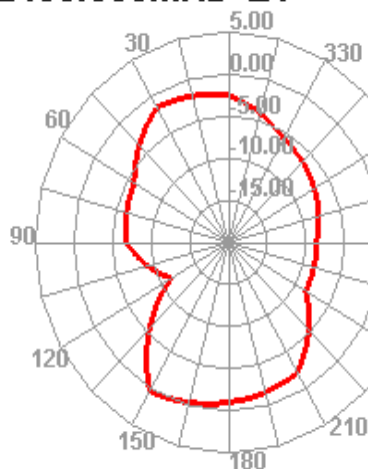
2400.000MHz H





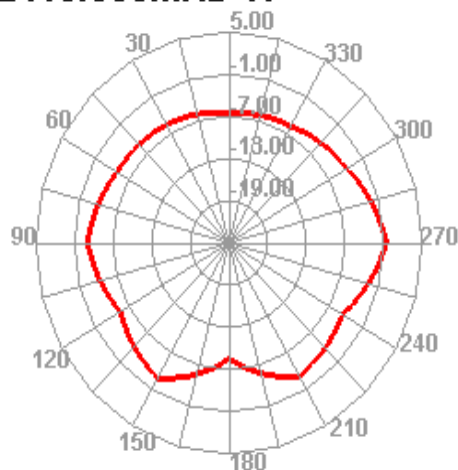
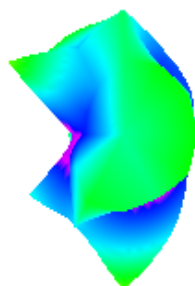
2400.000MHz E1

2400.000MHz E2



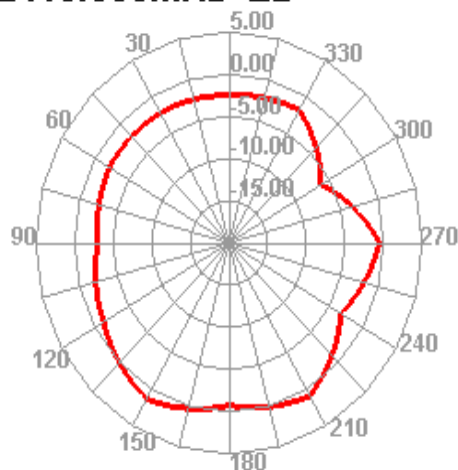
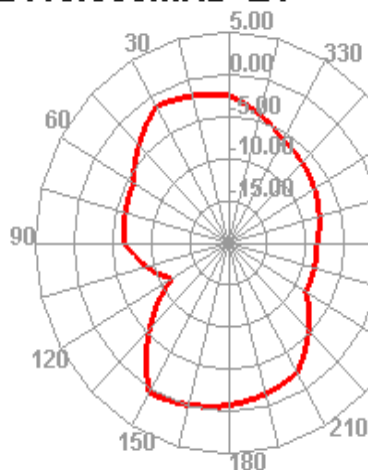
2410.000MHz

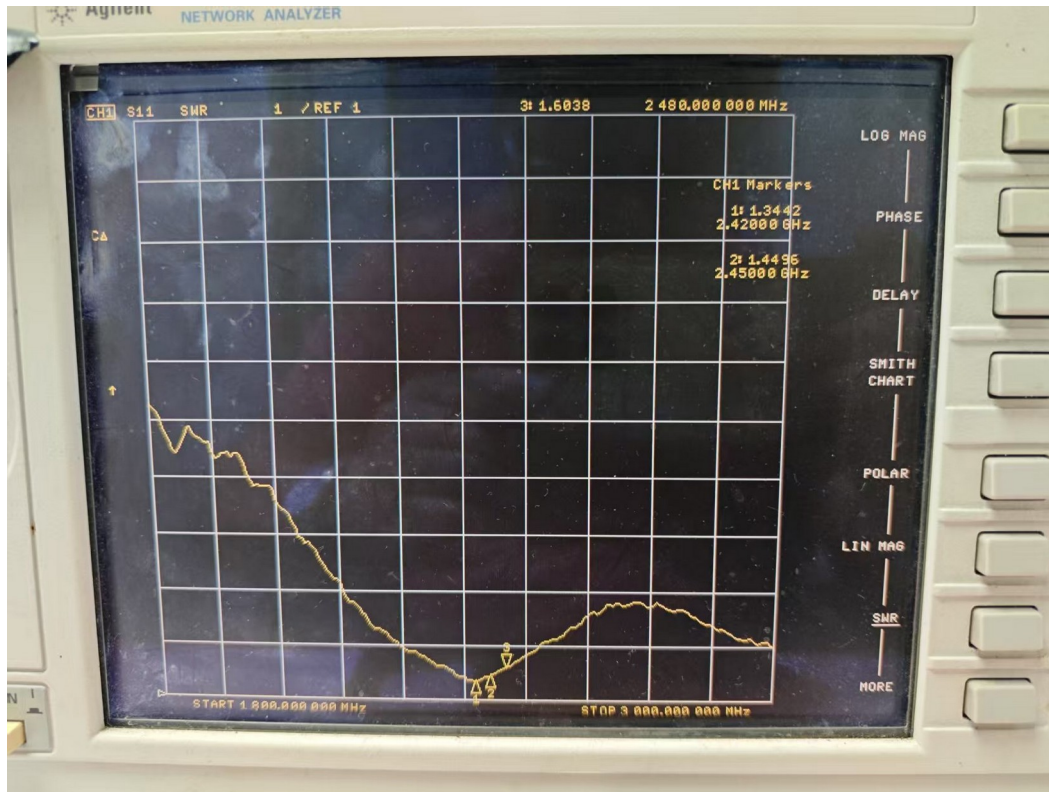
2410.000MHz H



2410.000MHz E1

2410.000MHz E2





5: Antenna dimension diagram

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