

Antenna Test Report

Customer Name: 602

Project Model: 711

Date: 2024-12-28

Version	Content	Update Reason	Date
1.0	Antenna Test	First issue	2024-12-28

Catalogue of Yingjiachuang

1. Revision Record... ..
2. Project situation... ..
3. Antenna and structure form... ..
4. Antenna network sub-test chart... ..
5. Antenna passive test data... ..
6. Antenna Test 2/3 D Chart... ..
- 7 . O T A test data... ..
8. Summarize... ..

Customer Name:	602
Project Name	711
Number of antennas	1
antenna band	2400-2500 MHz
Structure form	FPC



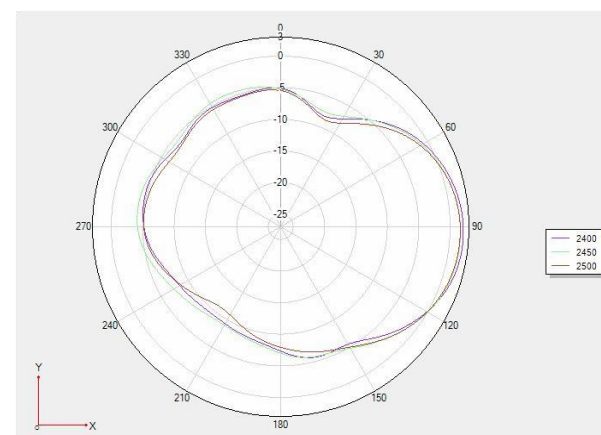
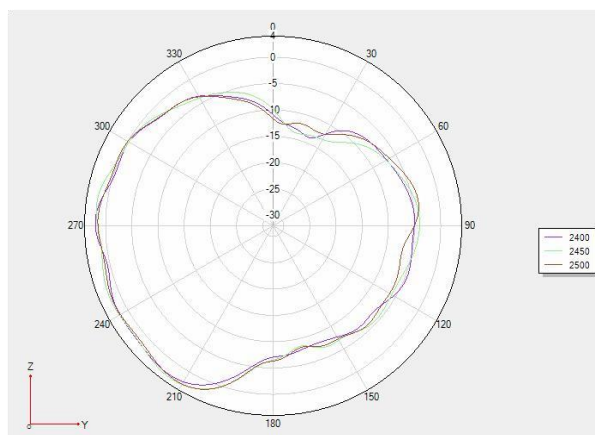
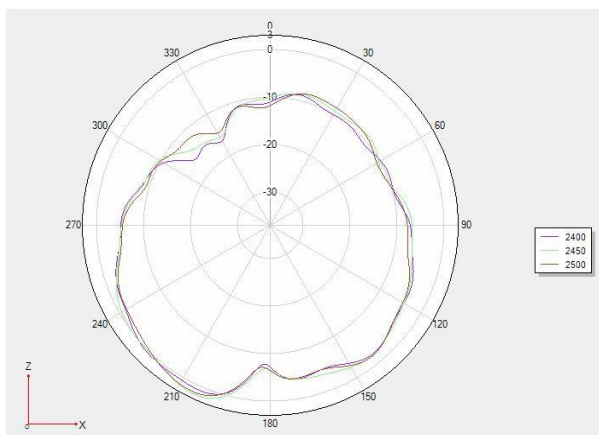
Agilent Technologies

E5071B 300 kHz - 8.5 GHz
ENA Series Network Analyzer

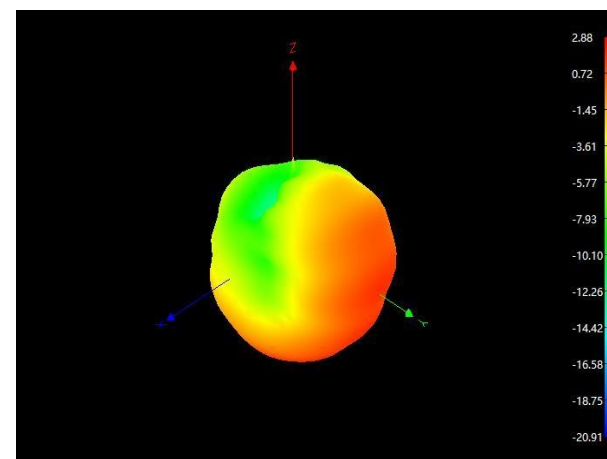
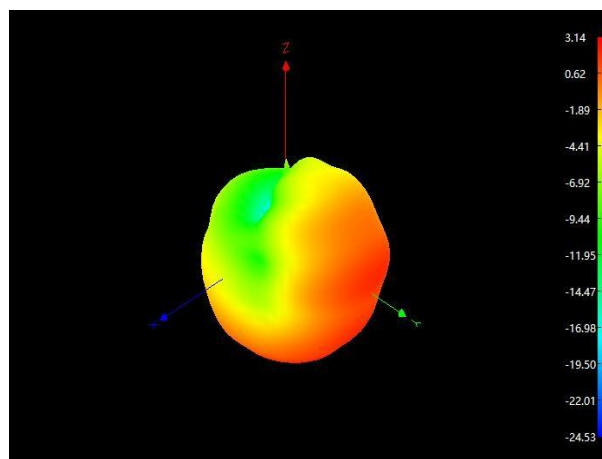
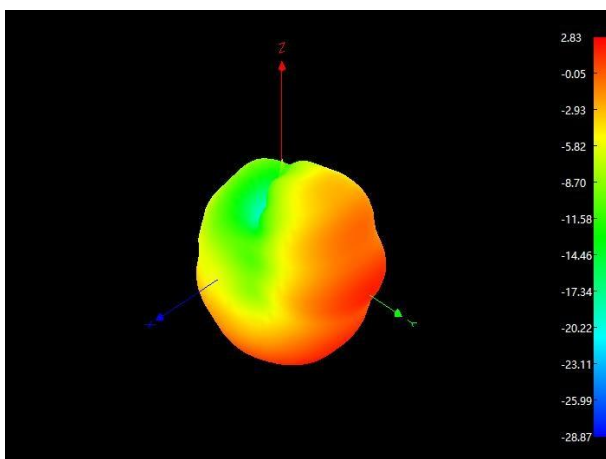


Frequency / MHz	Efficiency / %	Gain/ dBi
2400	54.81	2.83
2410	52.41	2.47
2420	52.17	2.51
2430	54.28	2.85
2440	55.1	2.94
2450	62.52	3.14
2460	61.22	3.08
2470	60.83	3.02
2480	56.33	2.93
2490	54.59	2.91
2500	54.19	2.88

Phi 0 2Dfigure Phi 90 2Dfigure Theta 90 2Dfigure



2400 2450 2500



Item	Measurement	Standard	Band	Channel	Frequency	Max	Min	Total
1	TRP	WIFI (AP)	WIFI_ B (11M)	1	2412	17.07	5.26	14.05
2				6	2437	17.12	5.63	14.33
3				11	2462	19.19	6.91	16.05
4	TIS(EIRP)			1	2412	-68.59	-82.58	-80.05
5				6	2437	-74.15	-84.84	-82.14
6				11	2462	-71.94	-83.15	-81.09
7	TRP		WIFI_ G (54M)	1	2412	14.09	3.02	11.86
8				6	2437	14.86	3.09	12.52
9				11	2462	16.51	2.83	13.09
10	TIS(EIRP)			1	2412	-55.94	-70.18	-67.36
11				6	2437	-60.15	-72.19	-69.39
12				11	2462	-59.83	-72.16	-69.21
13	TRP		WIFI_ N_ ISM (65M)	1	2412	16.42	3.93	13.15
14				6	2437	17.22	4.36	14.16
15				11	2462	17.42	6.44	14.26
16	TIS(EIRP)			1	2412	-52.63	-67.23	-64.35
17				6	2437	-54.66	-68.28	-65.61
18				11	2462	-55.61	-68.44	-65.69

Summary

1. The outdoor open distance of the prototype is about **120-130M**.

Thank you!

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