

深圳市亿圣邦科技有限公司

Shenzhen Yishengbang Technology Co., Ltd Antenna Test Report

Customer: 亿莱顿

Project: SW3295(R136主板)

Product: WIFI Antenna

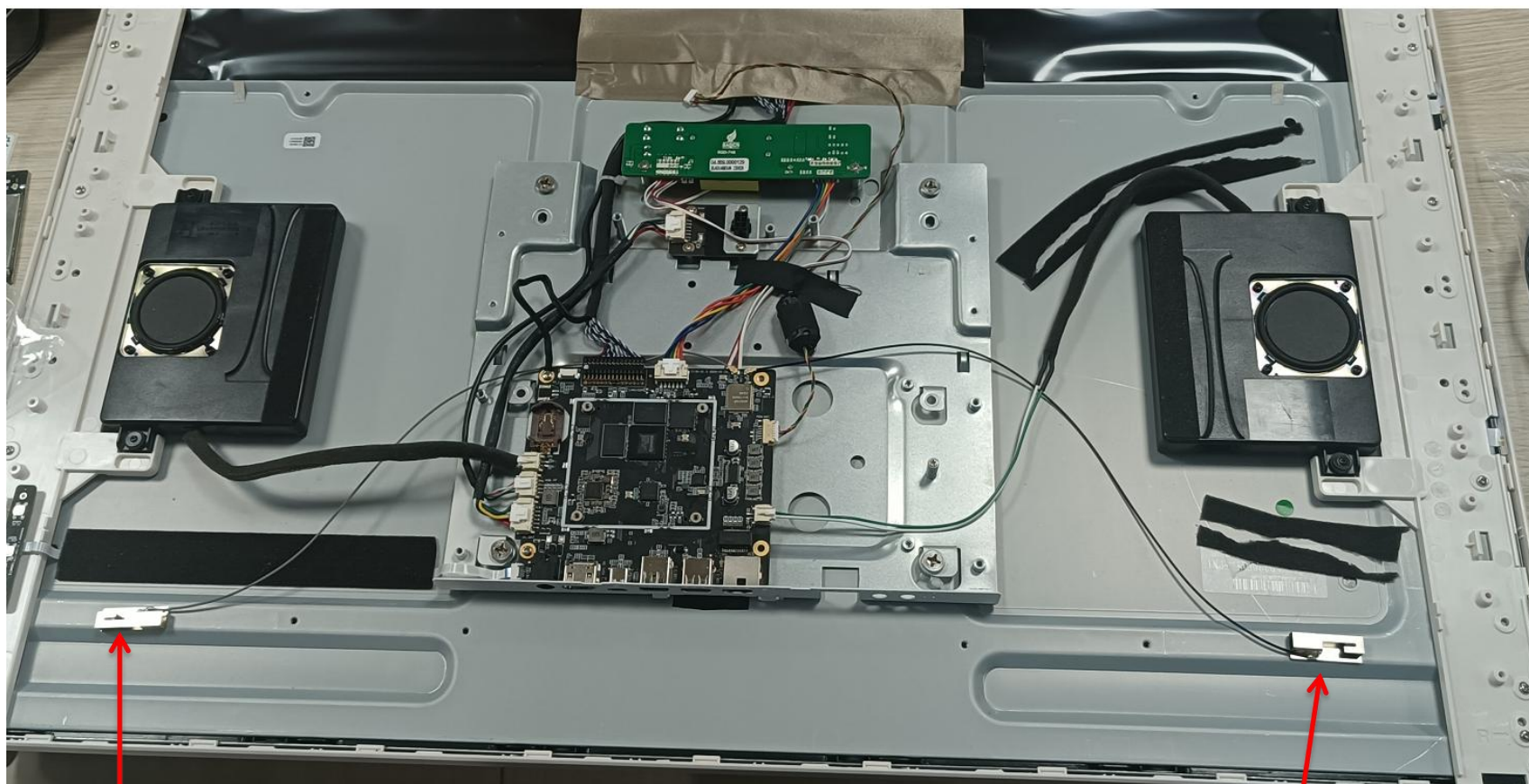
Report date: 2024.3.28

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Checked by : 黄震

Approved by : 林美财

1. Product Overview

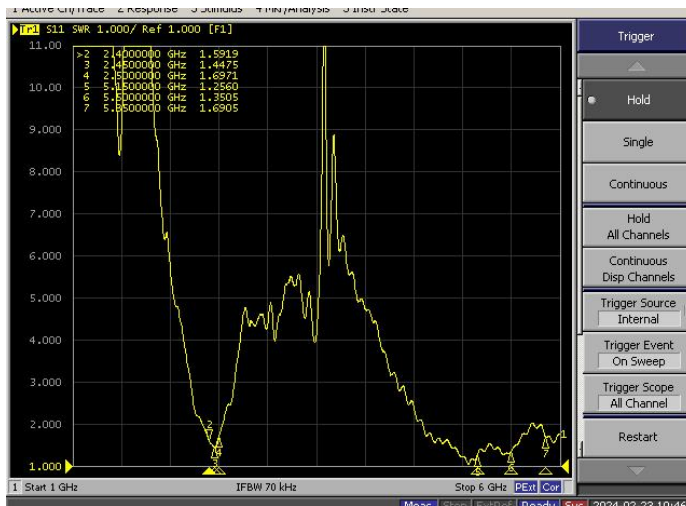


ANT 1

ANT 2

2. Test Result

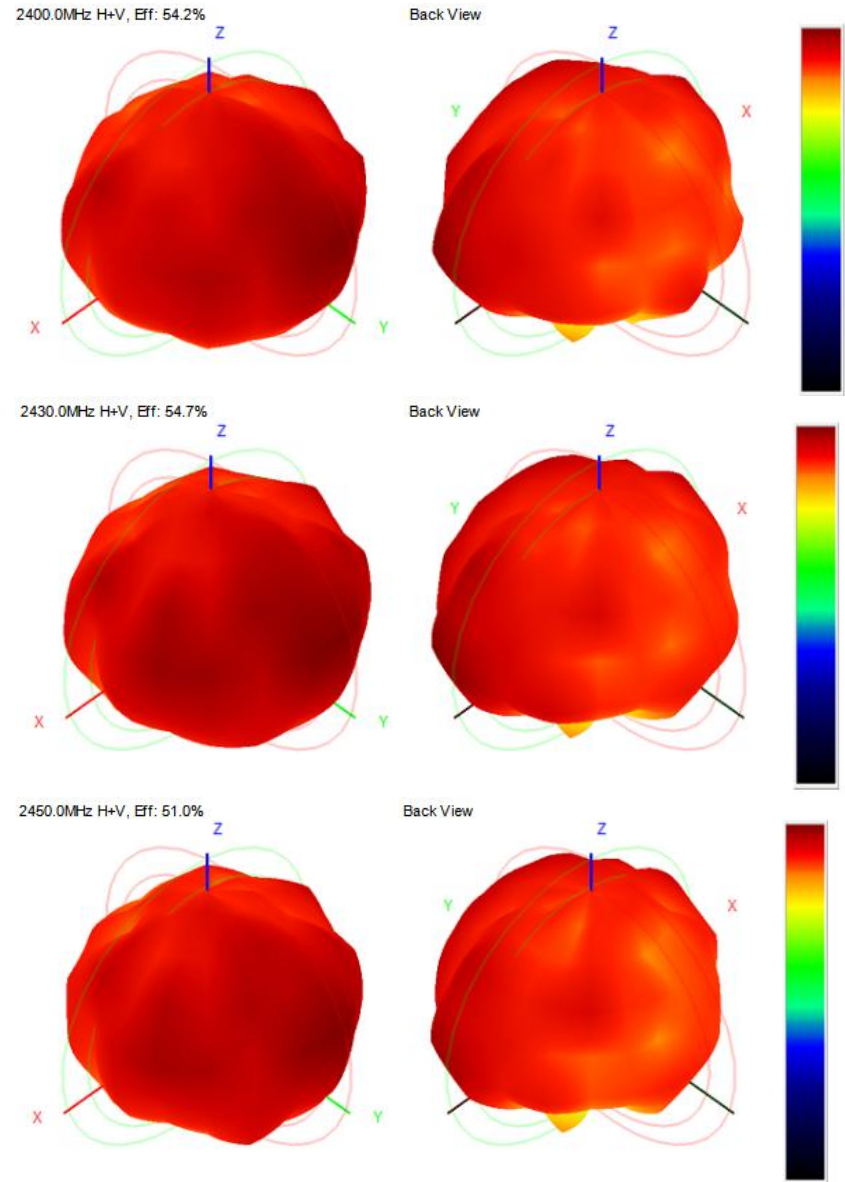
2.1.1 Antenna1 VSWR/S11



2. Test Result

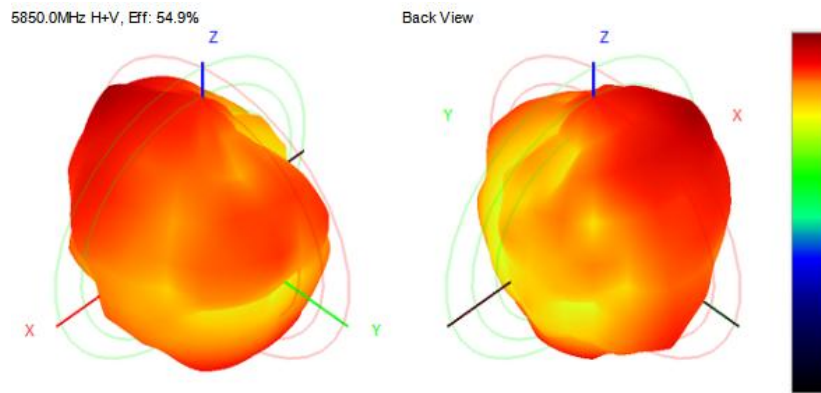
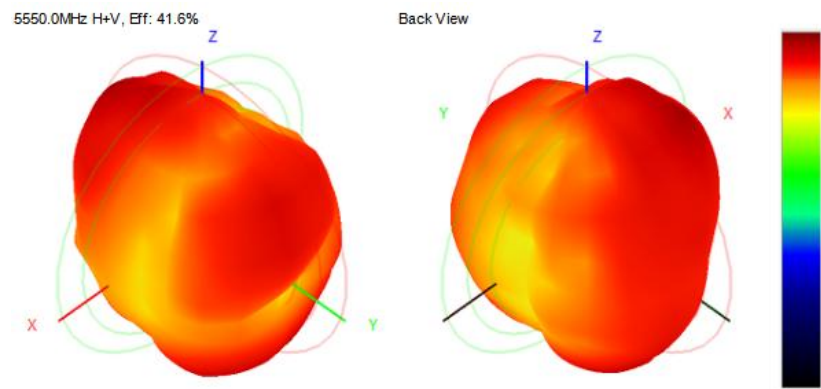
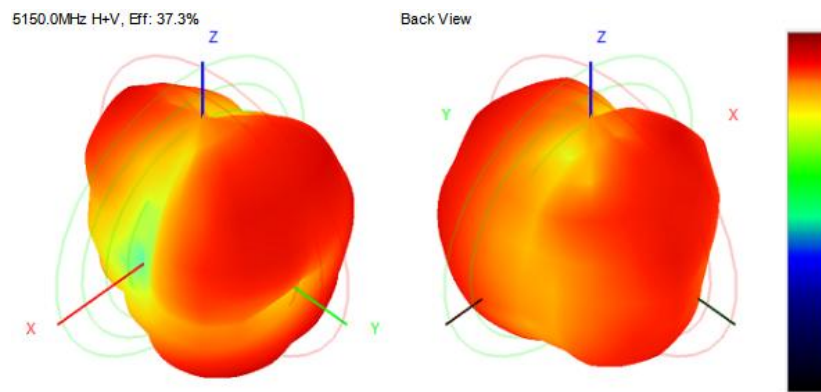
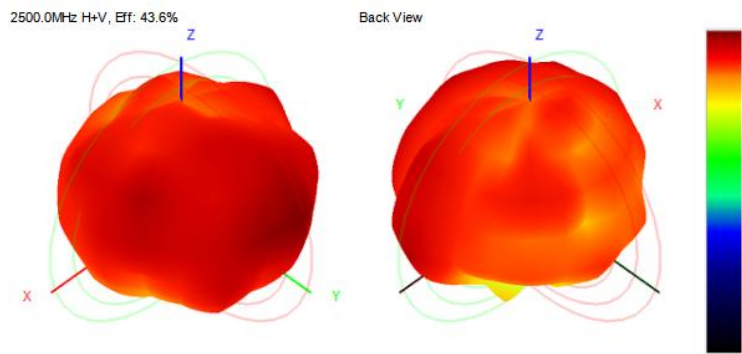
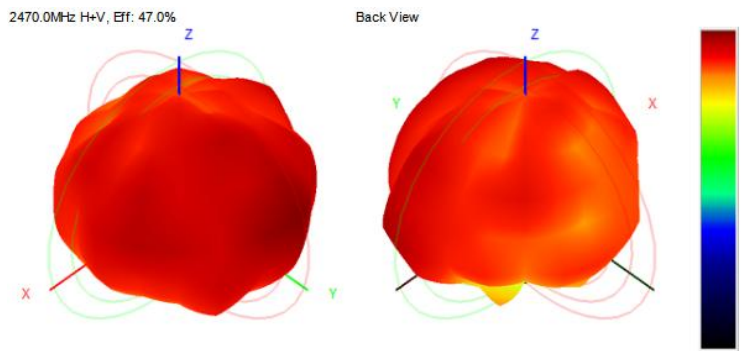
2.1.2 无源数据

Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
2400.0	-2.66	0.87	54.19
2410.0	-2.70	0.62	53.73
2420.0	-2.37	0.90	58.00
2430.0	-2.62	1.43	54.75
2440.0	-2.71	1.56	53.56
2450.0	-2.92	1.63	51.00
2460.0	-2.69	0.96	53.86
2470.0	-3.28	1.68	46.97
2480.0	-3.65	1.58	43.11
2490.0	-3.60	1.64	43.65
2500.0	-3.60	1.83	43.62
5150.0	-4.29	1.97	37.28
5250.0	-4.09	2.09	39.02
5550.0	-3.81	2.25	41.60
5750.0	-3.04	1.88	49.62
5850.0	-2.61	1.99	54.88



2. Test Result

2.1.2 无源数据



2. Test Result

2.1.3 WIFI Antenna 有源导数据

B-11Mbps			G-54Mbps		
	TRP	TIS		TRP	TIS
1	13.01	-80.27	1	12.22	-70.63
6	13.04	-79.97	6	12.47	-70.88
11	13.23	-79.03	11	12.87	-70.51

N-MCS7			A-54Mbps		
	TRP	TIS		TRP	TIS
1	12.19	-66.44	36	11.31	-71.27
6	12.56	-66.32	149	11.95	-71.79
11	12.68	-66.65	165	12.24	-71.82

3. Conclusions

谢谢！