

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: SW2495(R136主板)

Product: WIFI Antenna

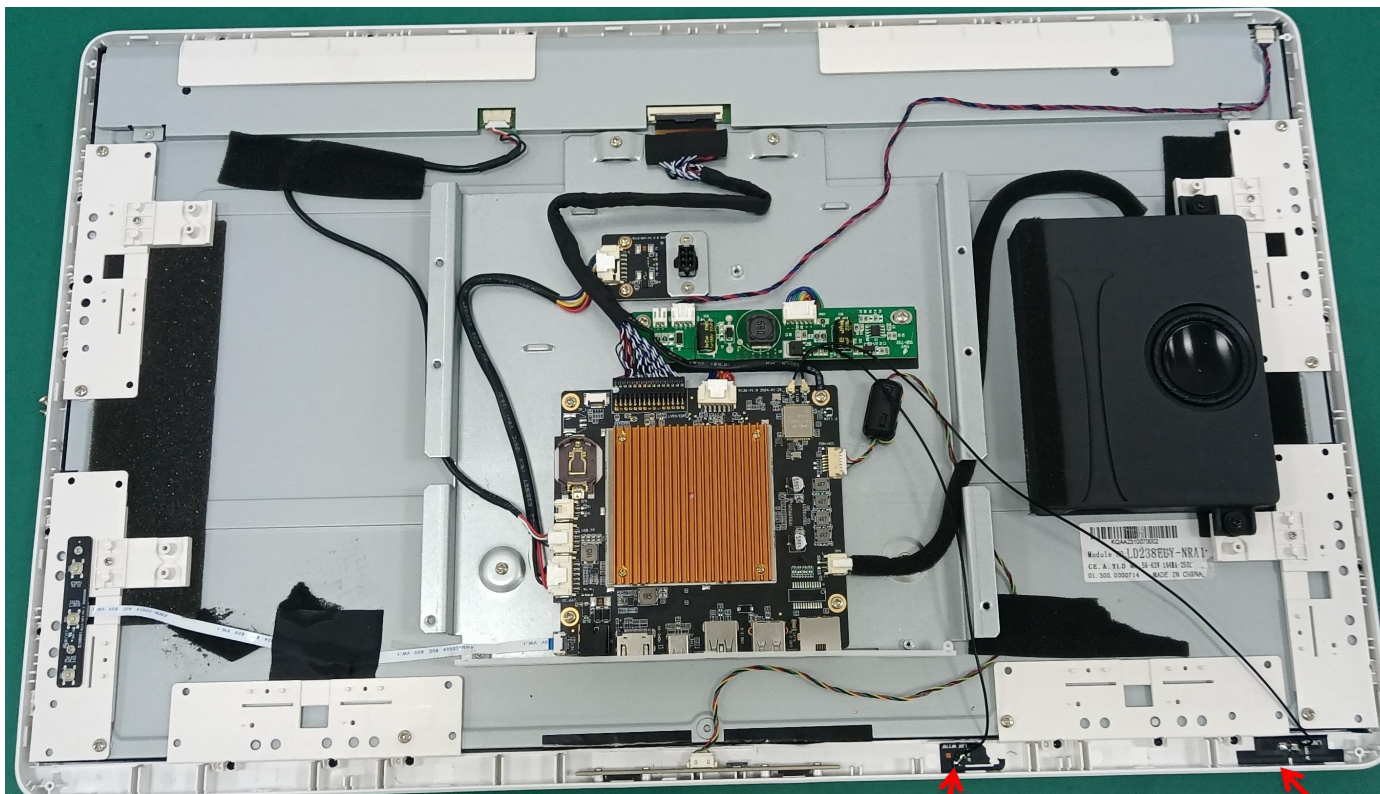
Report date: 2024.4.1

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Checked by : 黄震

Approved by : 林美财

1. Product Overview

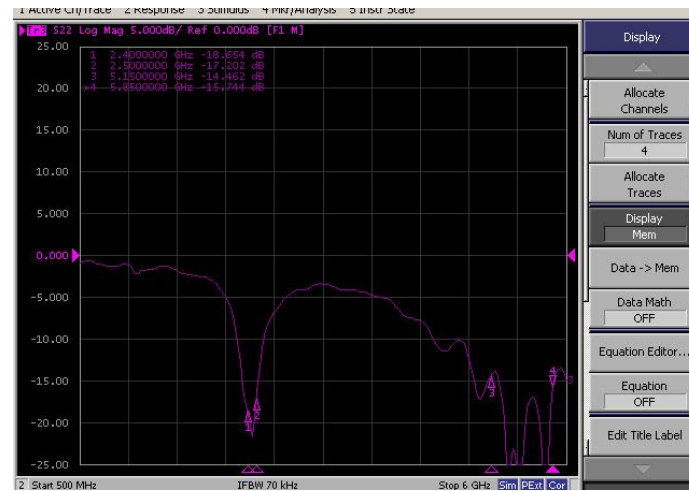
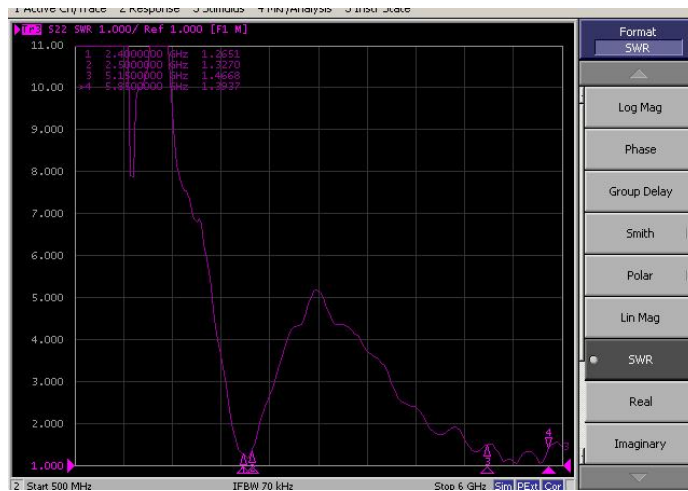


WiFi2天线

WiFi1天线

2. Test Result

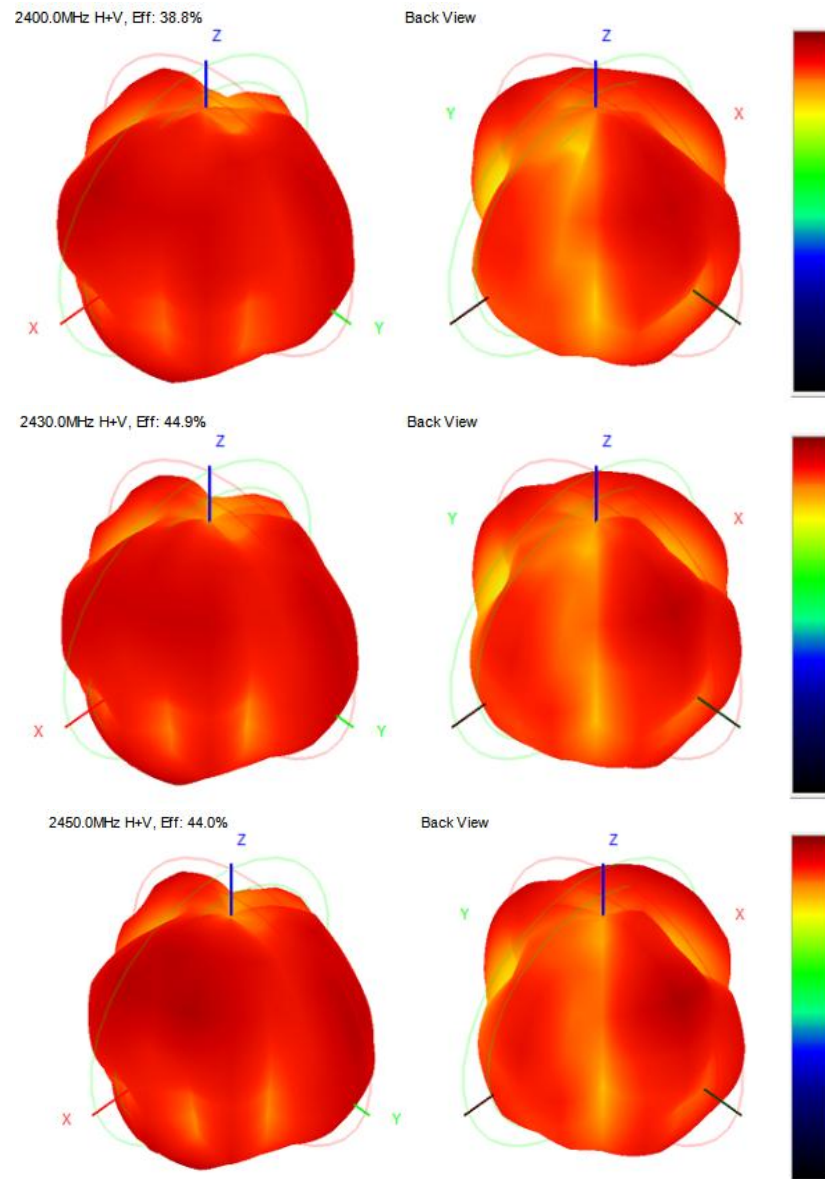
2.1.1 WIFI2 Antenna VSWR/S11



2. Test Result

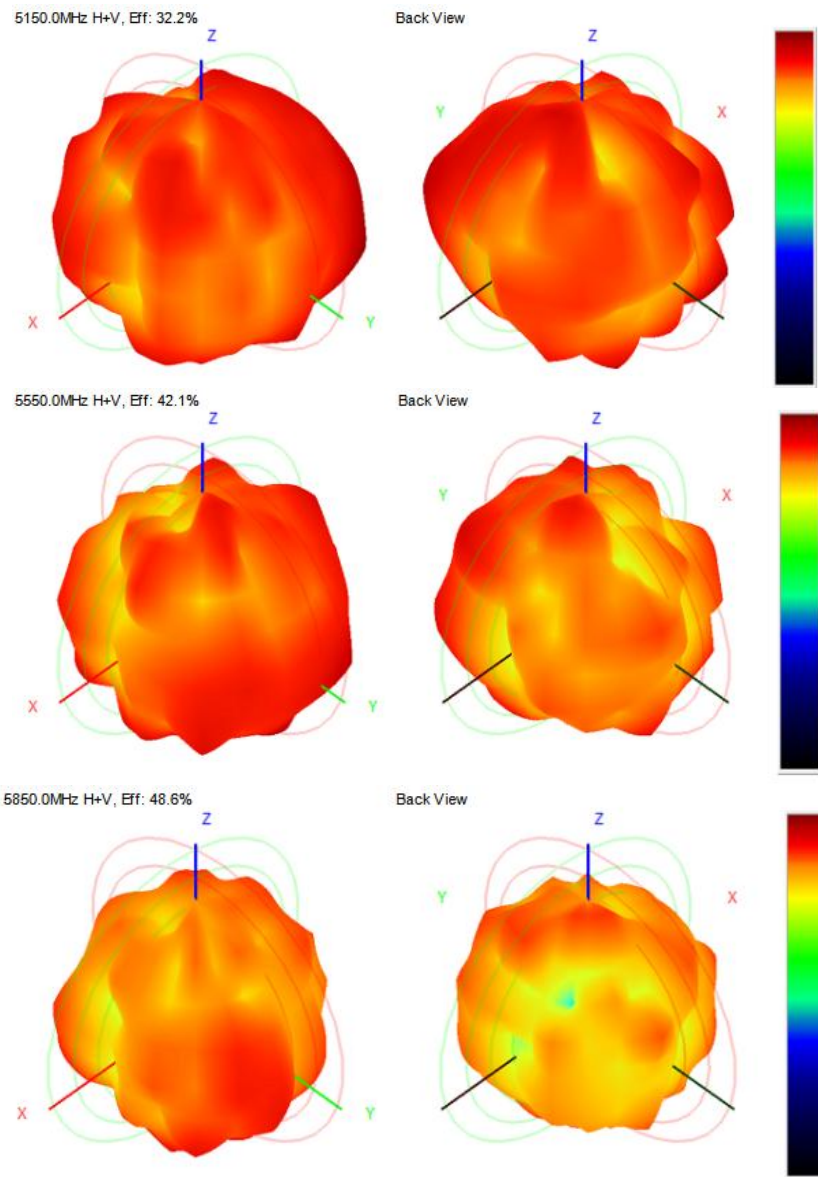
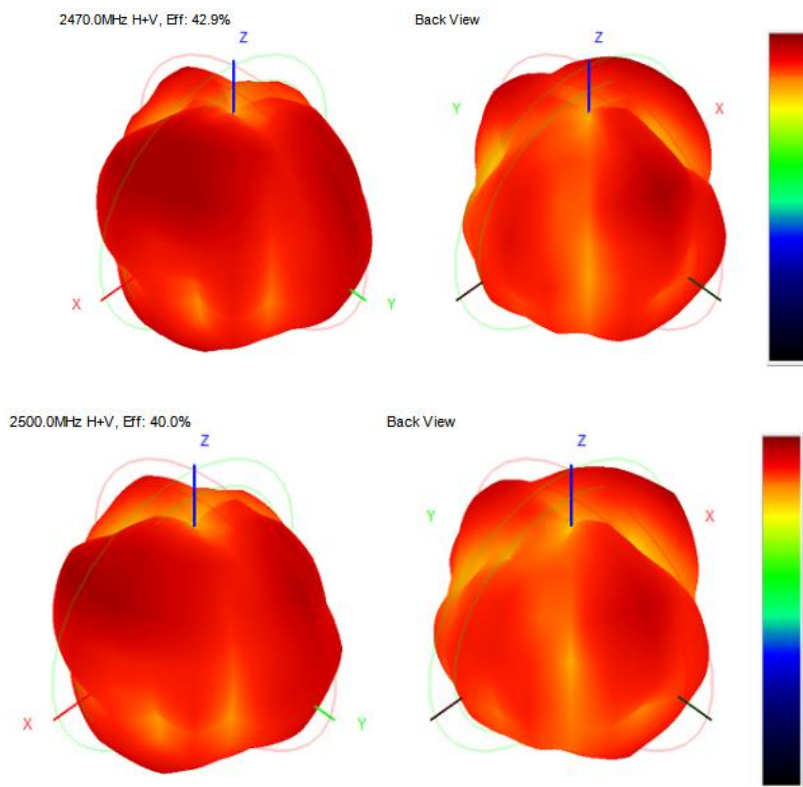
2.1.2无源数据

Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
2400	-4.11	1.20	38.82
2410	-3.86	1.53	41.14
2420	-3.39	1.80	45.81
2430	-3.48	1.70	44.92
2440	-3.51	1.58	44.56
2450	-3.57	1.41	43.95
2460	-3.25	1.80	47.29
2470	-3.68	1.06	42.85
2480	-3.68	1.43	42.82
2490	-3.82	1.51	41.46
2500	-3.98	1.24	40.01
5150	-4.92	0.75	32.24
5250	-4.68	0.83	34.02
5550	-3.75	1.83	42.12
5750	-3.58	1.31	43.85
5850	-3.14	1.99	48.57



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	14.46	-81.57	1	12.43	-71.22
6	14.64	-81.68	6	12.24	-71.71
11	14.69	-82.23	11	12.11	-71.77
N-MCS7			A-54MBps		
	TRP	TIS		TRP	TIS
1	12.49	-70.01	36	13.81	-71.79
6	12.25	-70.57	149	13.3	-71.25
11	12.13	-70.23	165	13.9	-71.06

3. Conclusions

谢谢！