

深圳市亿圣邦科技有限公司

Shenzhen Yishengbang Technology Co., Ltd Antenna Test Report

Customer: 惠科

Project: 6807A/6807B

Product: WIFI

Report date: 2024-08-06

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Approved by : 林美财



Purpose

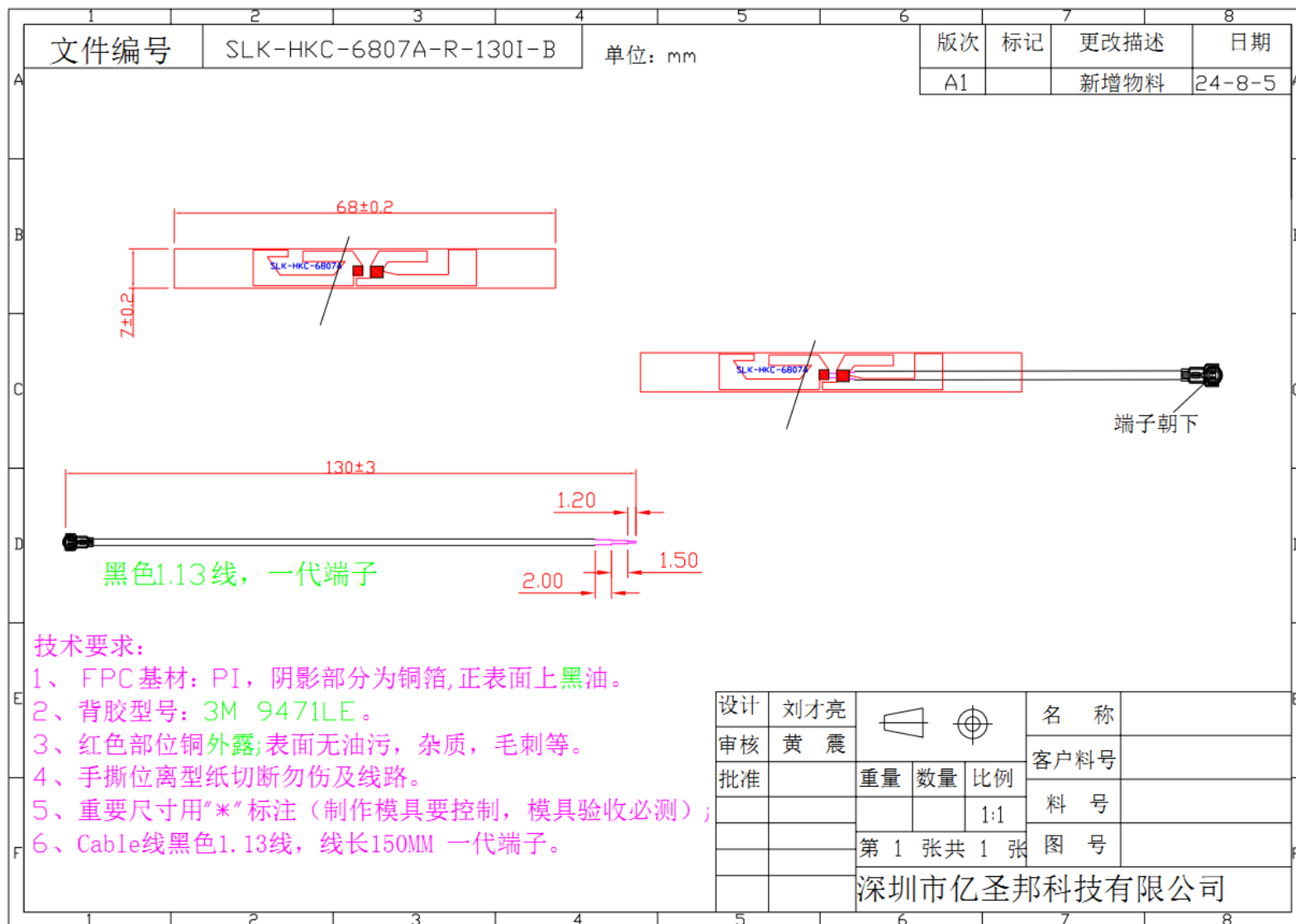
This report is to measure the performance of SLK for Master Antenna on惠科. All measure data are showed below.

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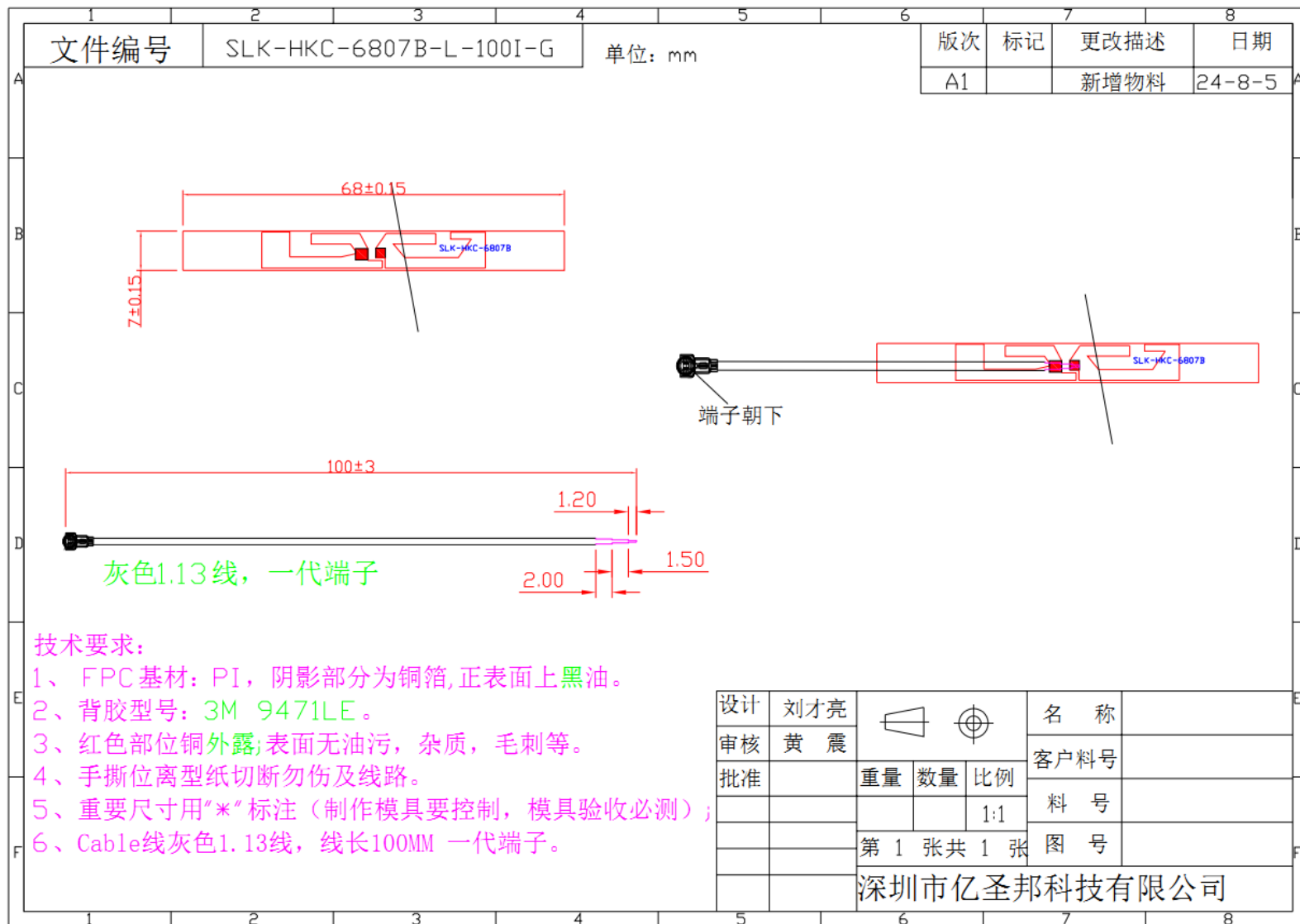
1. Product Overview

2.4G ANT



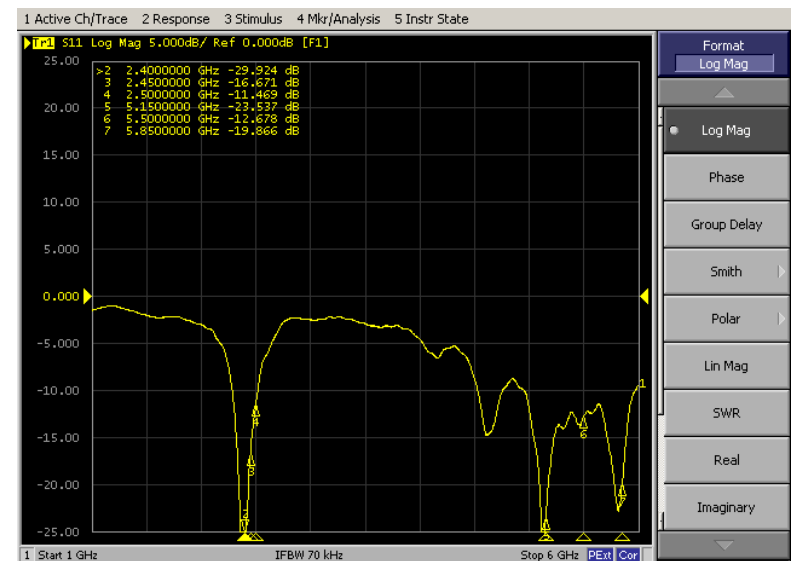
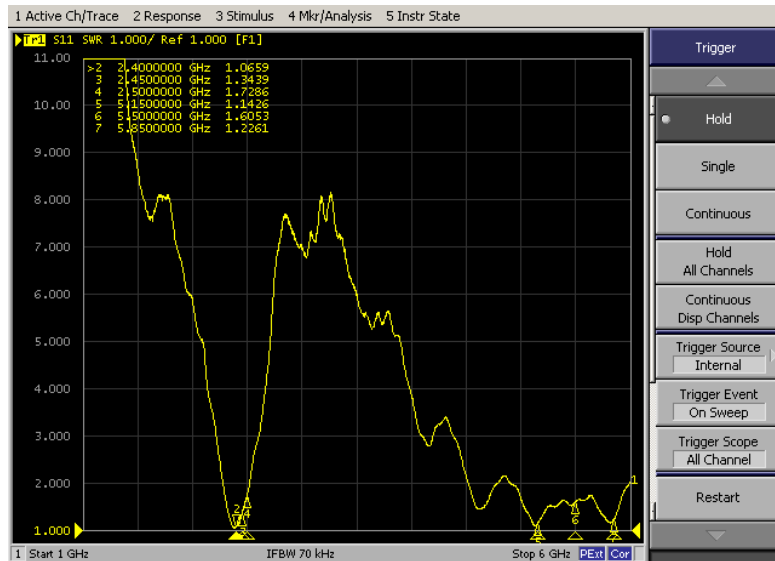
1. Product Overview

WIFI ANT



2. Test Result

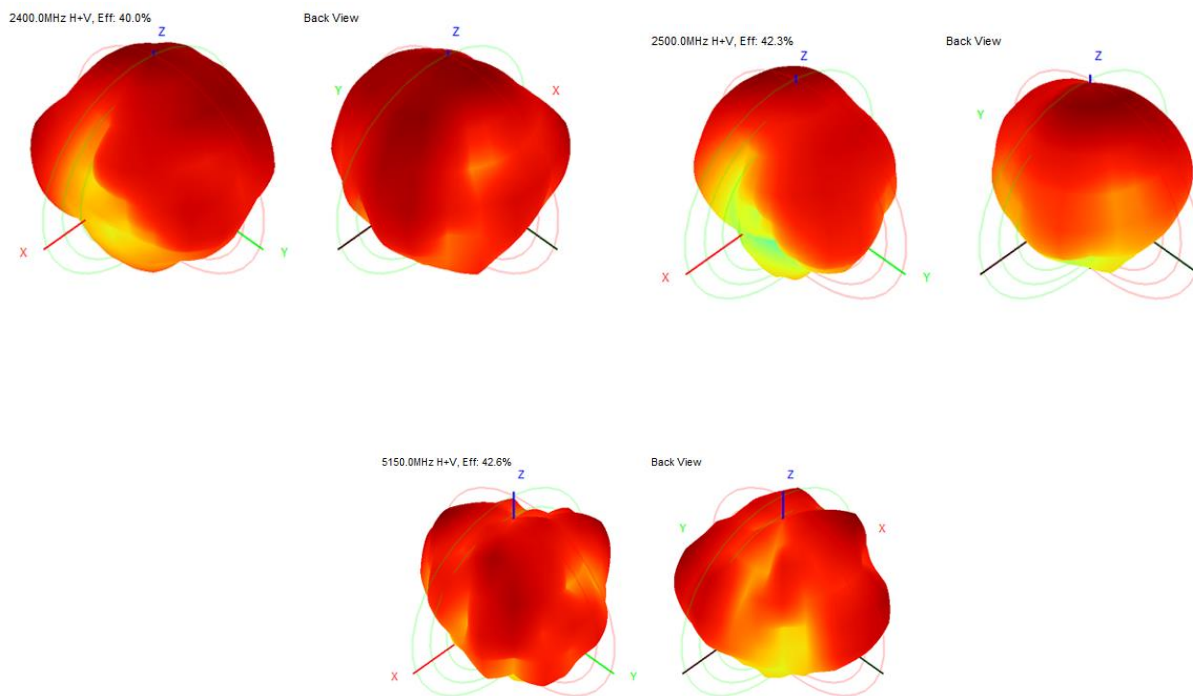
2.1 2.4G Antenna VSWR



2. Test Result

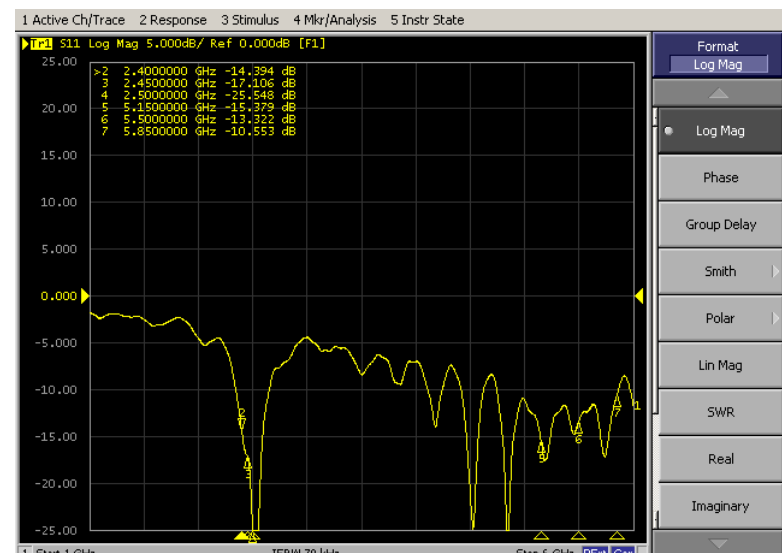
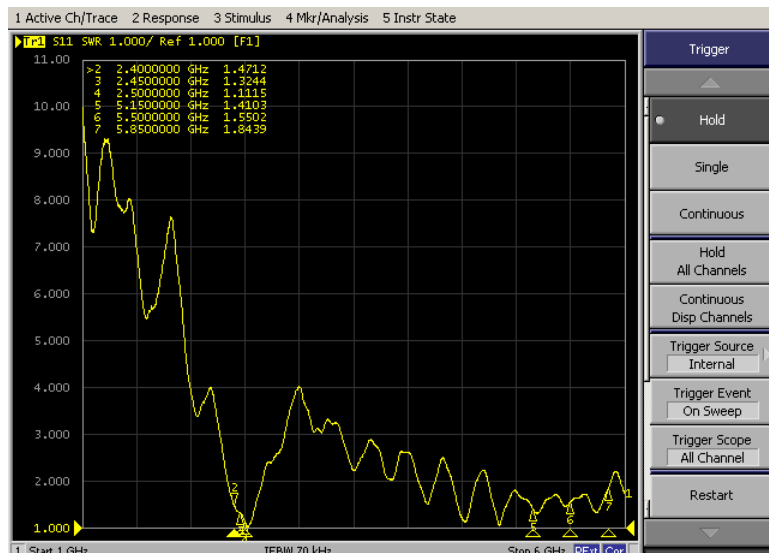
2.2 2.4G Antenna Gain/Efficiency/3D DATA

Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
2400	-3.97	1.58	40.02
2410	-3.95	1.11	40.21
2420	-3.85	1.86	41.18
2430	-3.86	1.22	41.03
2440	-3.84	1.71	41.28
2450	-3.89	1.00	40.79
2460	-3.68	1.34	42.85
2470	-3.87	1.44	40.93
2480	-3.94	1.51	40.36
2490	-3.89	1.63	40.82
2500	-3.73	1.03	42.30
5150	-3.70	2.15	42.60
5250	-3.67	2.76	42.92
5450	-3.49	2.95	44.68
5850	-3.50	2.96	44.60



2. Test Result

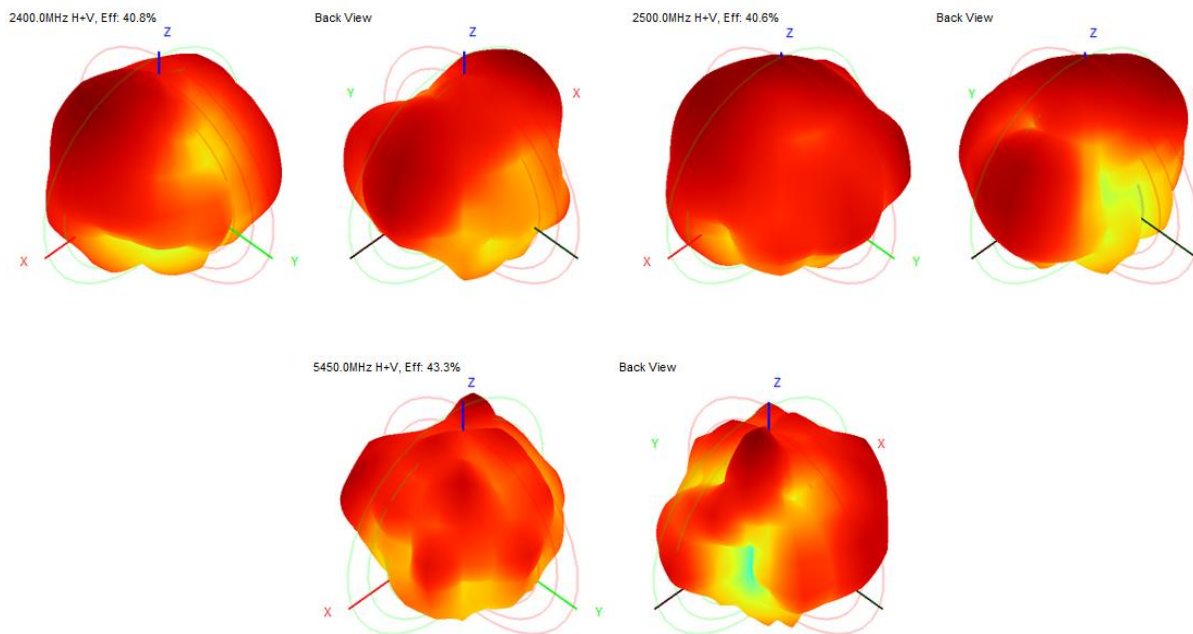
2.3 WIFI Antenna VSWR



2. Test Result

2.4 WIFI Antenna Gain/Efficiency/3D DATA

Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
2400	-3.89	1.74	40.78
2410	-3.78	1.99	41.85
2420	-3.84	1.73	41.29
2430	-3.80	1.53	41.67
2440	-3.74	1.95	42.24
2450	-3.85	1.71	41.20
2460	-3.77	1.69	41.90
2470	-3.90	1.34	40.70
2480	-3.94	1.96	40.36
2490	-3.80	1.85	41.68
2500	-3.91	1.86	40.58
5150	-3.72	2.34	42.38
5250	-3.69	2.21	42.72
5450	-3.63	2.36	43.29
5850	-3.70	2.40	42.56



3. Conclusions

谢谢！