

# 深圳市亿圣邦科技有限公司

## Shenzhen Yishengbang Technology Co., Ltd Antenna Test Report

Customer: 一恒科

Project: D10

Product: WIFI

Report date: 2024-10-17

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Approved by : 林美财

# ***Purpose***

This report is to measure the performance of SLK for Master Antenna on 一恒科. All measure data are showed below.

## ***Content***

1. Product Overview

2. Test Result

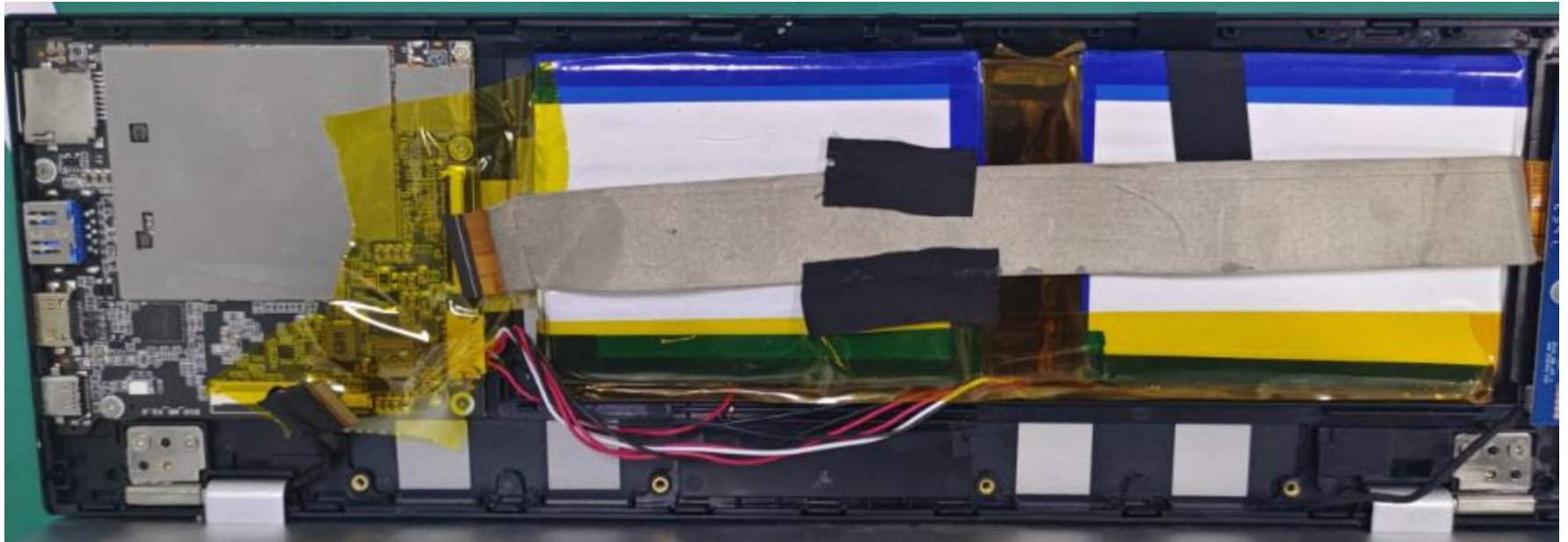
2.1 WIF Antenna VSWR/S11

2.2 WIFI Antenna TRP/TIS

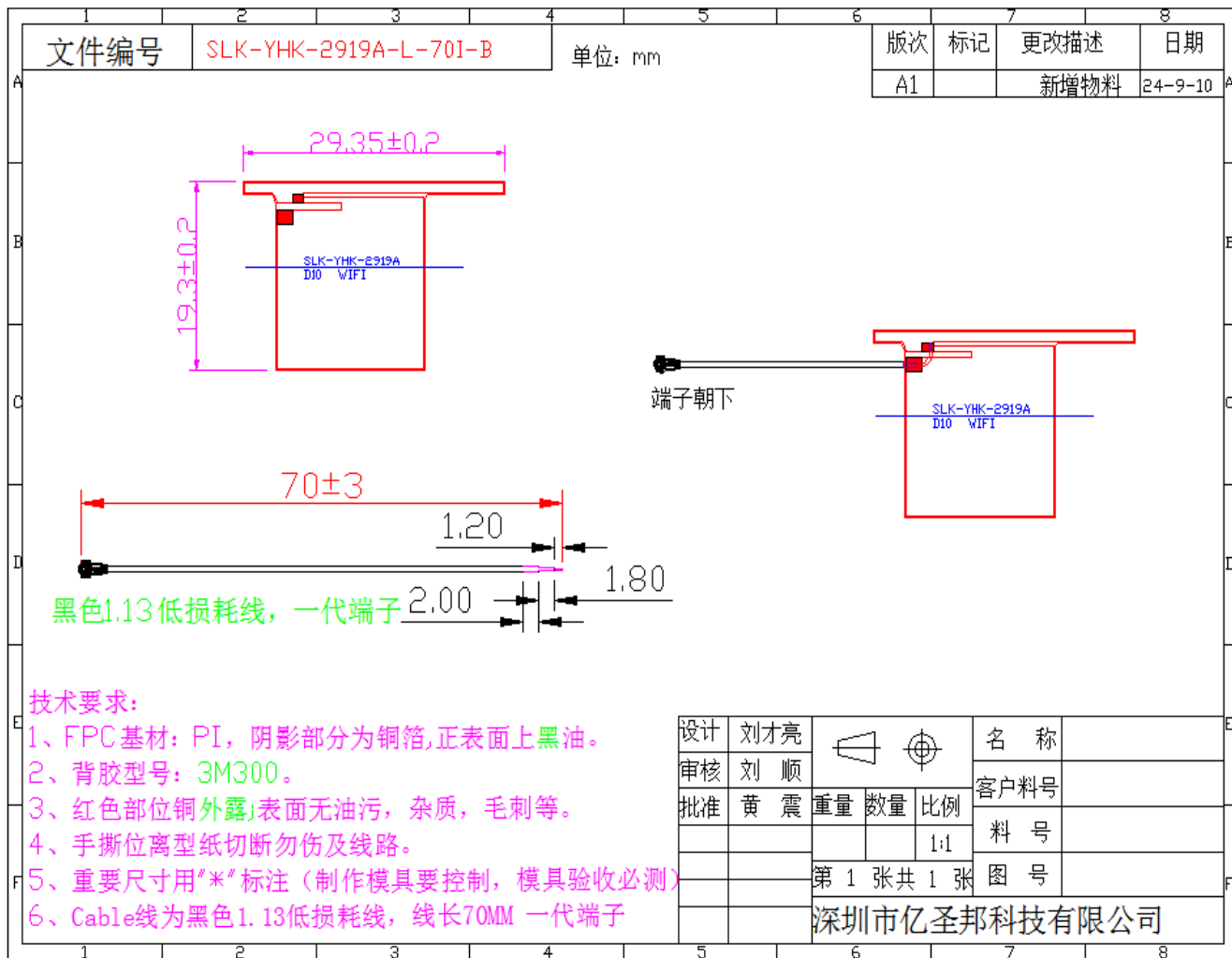
2.3 WIFI Antenna Gain/Efficiency/3D DATA

3. Conclusions

# 1. Product Overview

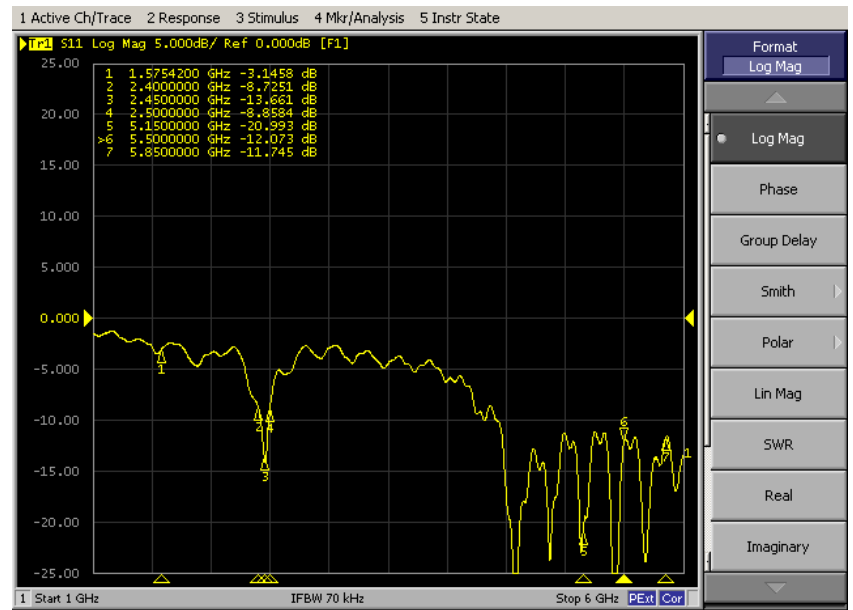
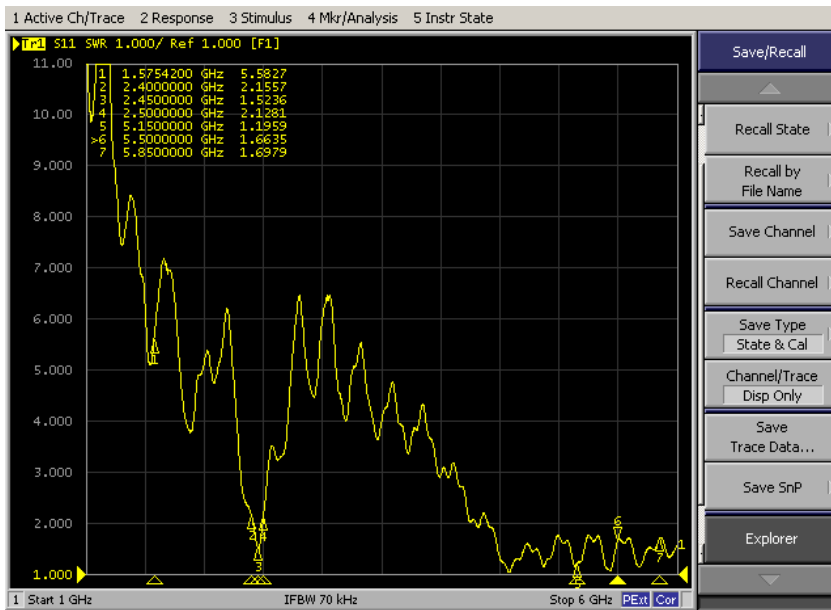


# 1. Product Overview



# 2. Test Result

## 2.1 WIFI Antenna VSWR/S11



## 2. Test Result

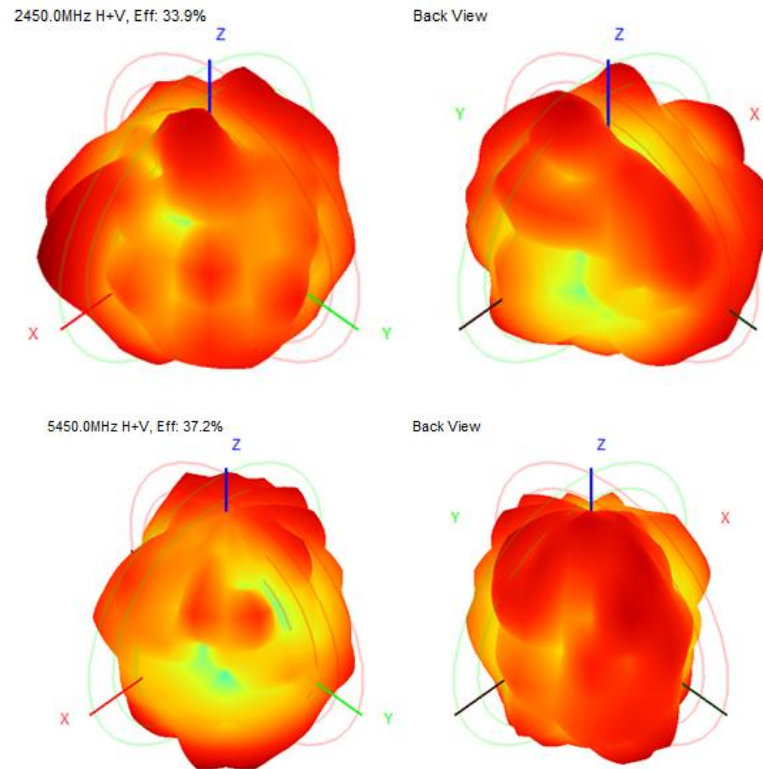
### 2.2 WIFI Antenna TRP/TIS

WIFI有源测试			
频段	1	6	11
B-TRP-11MBps	12.55	12.07	11.89
B-TIS-11MBps	-79.25	-80.47	-79.39
频段	36	149	165
A-TRP-54MBps	10.81	10.91	11.05
A-TIS-54MBps	-68.31	-70.98	-69.96

# 2. Test Result

## 2.3 WIFI Antenna Gain/Efficiency/3D DATA

Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
2400	-4.46	1.21	35.79
2410	-4.45	1.60	35.89
2420	-4.48	1.80	35.60
2430	-4.49	1.56	35.52
2440	-4.67	1.78	34.06
2450	-4.69	1.91	33.89
2460	-4.45	1.20	35.86
2470	-4.33	1.57	36.82
2480	-4.35	1.11	36.69
2490	-4.37	1.42	36.54
2500	-4.25	1.55	37.55
5150	-4.29	2.32	37.21
5250	-4.42	2.84	36.12
5450	-4.29	2.38	37.16
5850	-4.50	2.04	35.46



# 3. Conclusions

谢谢！