

# 深圳市亿圣邦科技有限公司

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

Customer:阿卓帕

Project: D16

Product: WIFI

Report date: 2026-1-9

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Approved by : 林美财



# ***Purpose***

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

## ***Content***

1. Product Overview

2. Test Result

2.1 WIFI Antenna VSWR

2.2 WIFI Antenna Gain/Efficiency/3D DATA

2.3 WIFI Antenna TRP/TIS

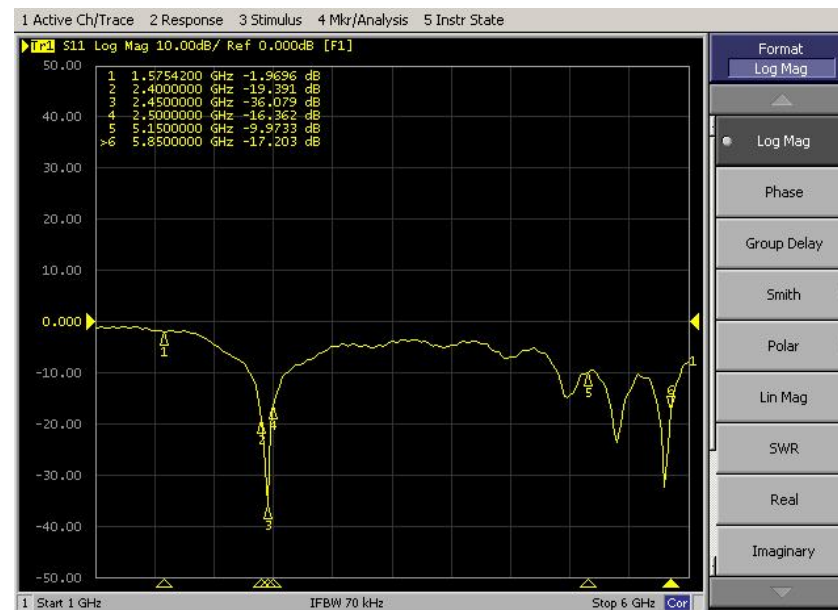
3. Conclusions

# 1. Product Overview



## 2. Test Result

### 2.1 WIFI Antenna VSWR

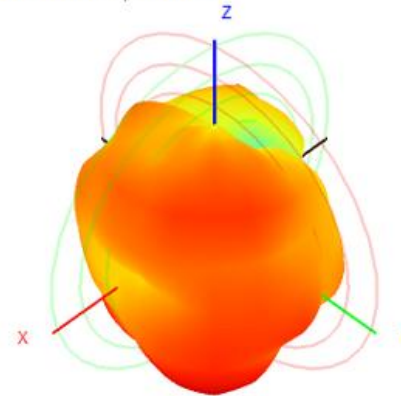


## 2. Test Result

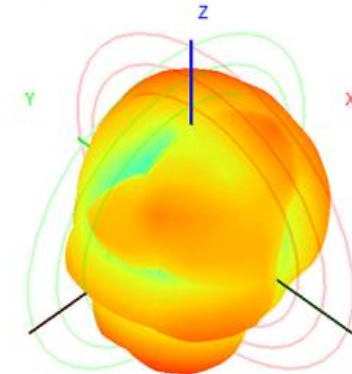
### 2.2 WIFI Antenna Gain/Efficiency/3D DATA

| Frequency (MHz) | Efficiency (dBi) | Gain (dBi) | Efficiency (%) |
|-----------------|------------------|------------|----------------|
| 2400.0          | -3.66            | 2.31       | <b>43.04</b>   |
| 2410.0          | -3.44            | 2.58       | <b>45.24</b>   |
| 2420.0          | -3.39            | 2.96       | <b>45.79</b>   |
| 2430.0          | -3.26            | 2.06       | <b>47.14</b>   |
| 2440.0          | -3.26            | 2.10       | <b>47.20</b>   |
| 2450.0          | -3.19            | 2.16       | <b>47.90</b>   |
| 2460.0          | -3.40            | 2.97       | <b>45.68</b>   |
| 2470.0          | -3.70            | 2.90       | <b>42.57</b>   |
| 2480.0          | -3.48            | 2.02       | <b>44.83</b>   |
| 2490.0          | -3.61            | 2.08       | <b>43.48</b>   |
| 2500.0          | -3.51            | 2.68       | <b>44.54</b>   |
| 5150.0          | -2.81            | 3.31       | <b>52.30</b>   |
| 5350.0          | -2.76            | 3.86       | <b>52.91</b>   |
| 5550.0          | -2.84            | 3.50       | <b>51.98</b>   |
| 5750.0          | -2.86            | 3.30       | <b>51.72</b>   |
| 5850.0          | -2.61            | 3.91       | <b>54.74</b>   |

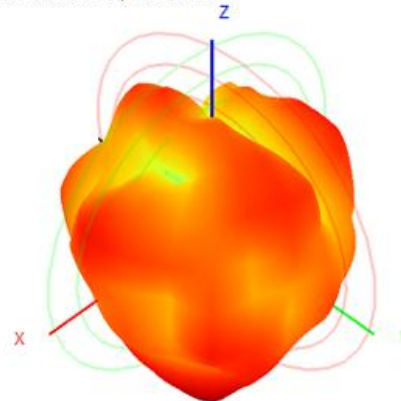
2450.0MHz H+V, Eff: 47.9%



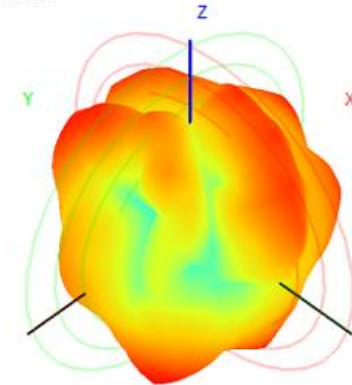
Back View



5550.0MHz H+V, Eff: 52.0%



Back View



## 2. Test Result

### 2.3 WIFI Antenna TRP/TIS

| WIFI有源测试     |        |        |        |
|--------------|--------|--------|--------|
| 频段           | 1      | 6      | 11     |
| B-TRP-11Mbps | 16.94  | 16.35  | 17.24  |
| B-TIS-11Mbps | -80.15 | -80.68 | -81.85 |
| G-TRP-54Mbps | 16.78  | 16.2   | 17.03  |
| G-TIS-54Mbps | -70.78 | -70.82 | -70.09 |
| N-TRP-MCS7   | 16.85  | 16.22  | 17.02  |
| N-TIS-MCS7   | -66.2  | -66.75 | -67.04 |
| 频段           | 36     | 149    | 165    |
| A-TRP-54Mbps | 13.68  | 15     | 14.39  |
| A-TIS-54Mbps | -70.27 | -70.6  | -70.94 |

### 3. Conclusions

谢谢！