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Shenzhen

Shenzhen Yishengbang Technology Co., Ltd Antenna Test Report

Customer: 亿莱顿

Project: WA1389

Product: WIFI

Report date: 2025-7-8

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Checked by : 黄震

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Purpose

This report is to measure the performance of SLK for Master Antenna on亿莱顿. All measure data are showed below.

Content

1. Product Overview

2. Test Result

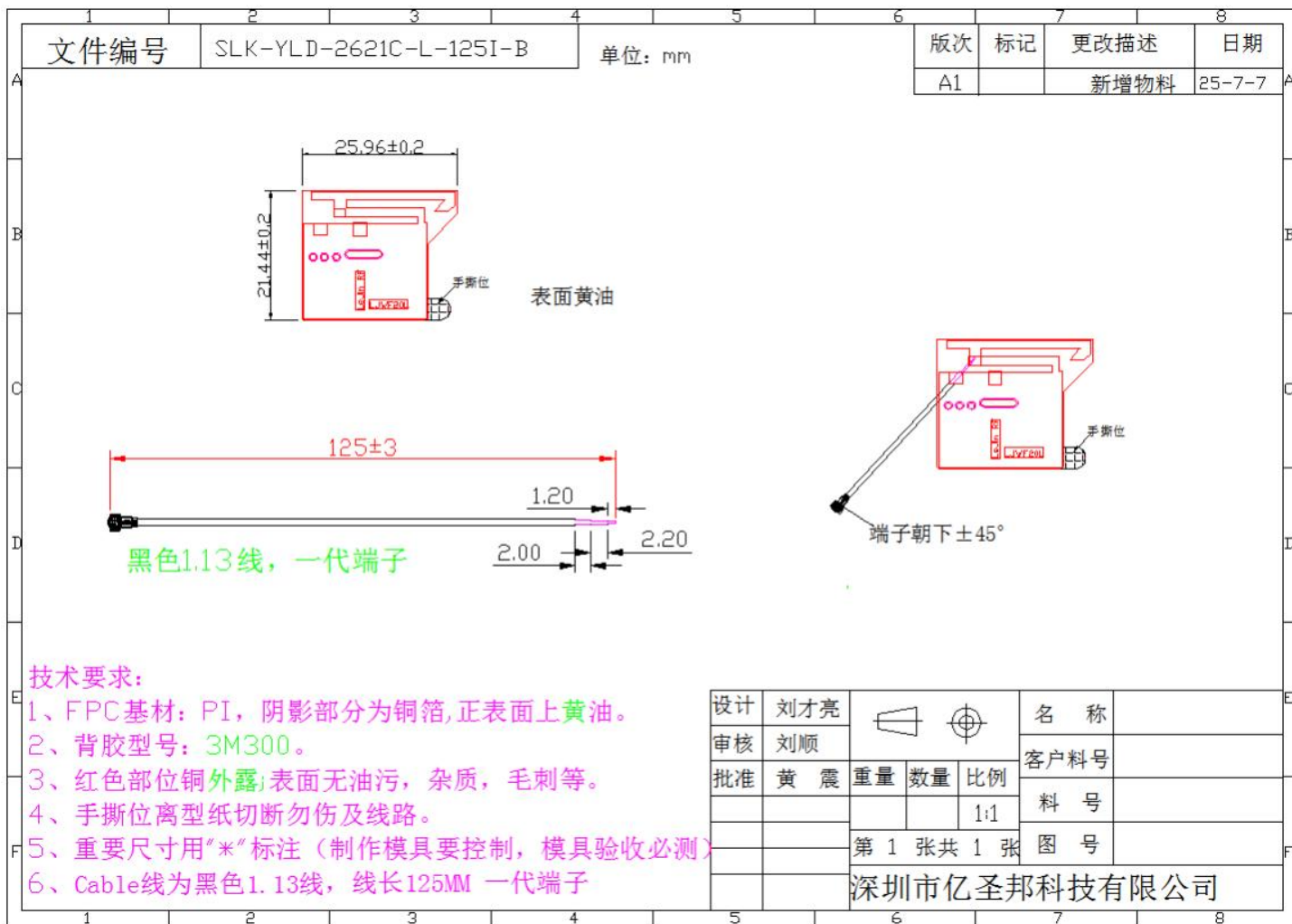
2.1 VSWR/S11

2.2 WIFI Antenna Gain/Efficiency/Radiation Pattern of 3D

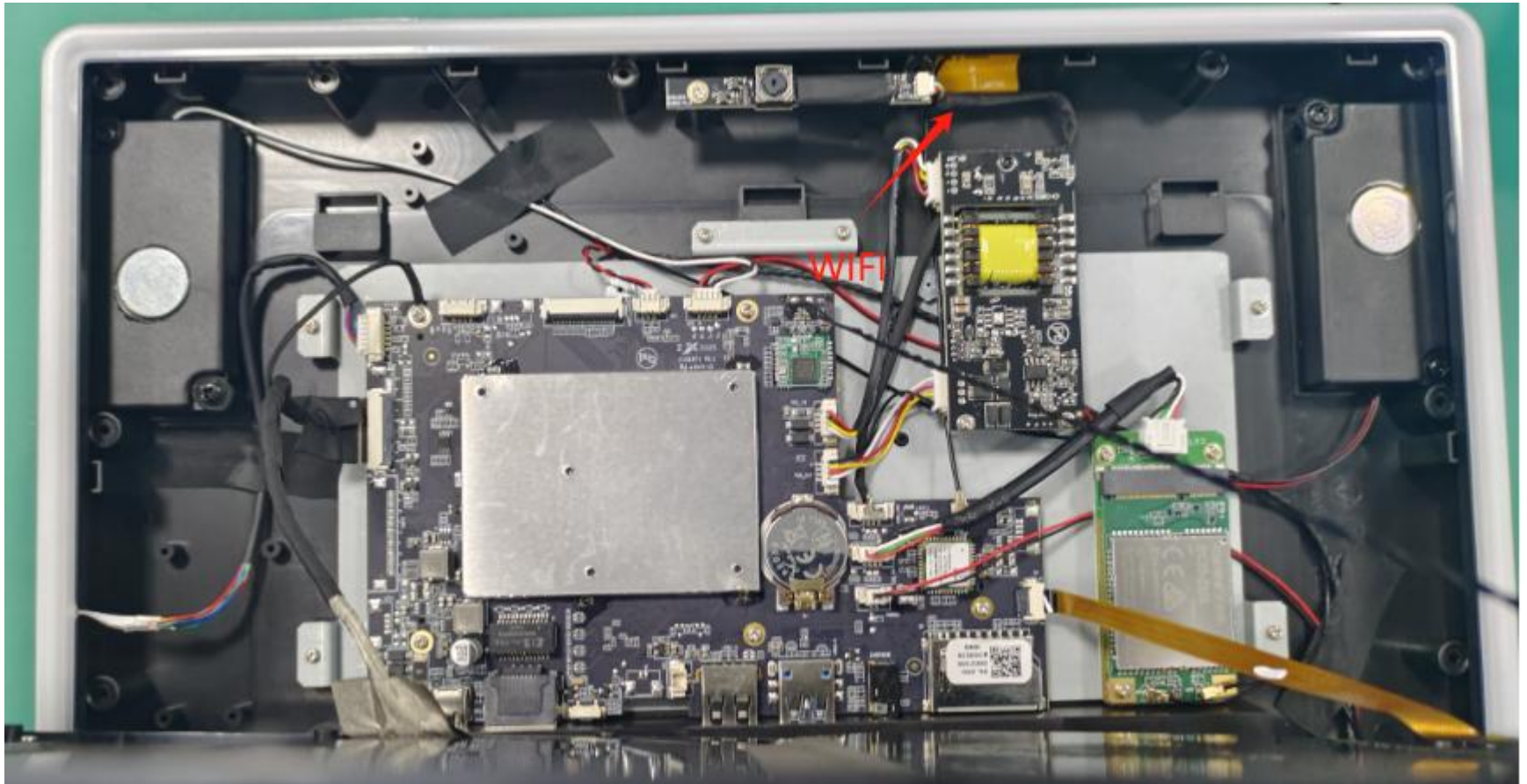
2.3 WIFI Antenna TRP/TIS

3. Conclusions

1. Product Overview



1. Product Overview

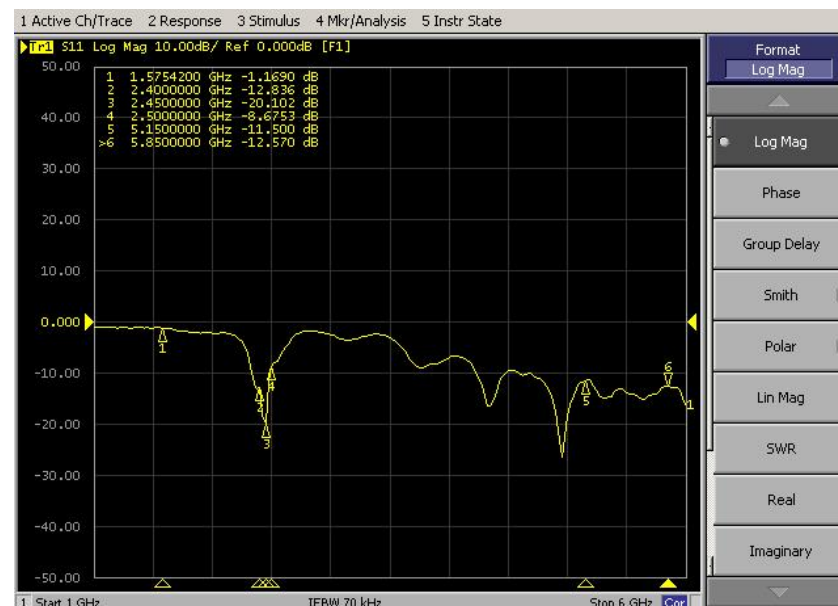
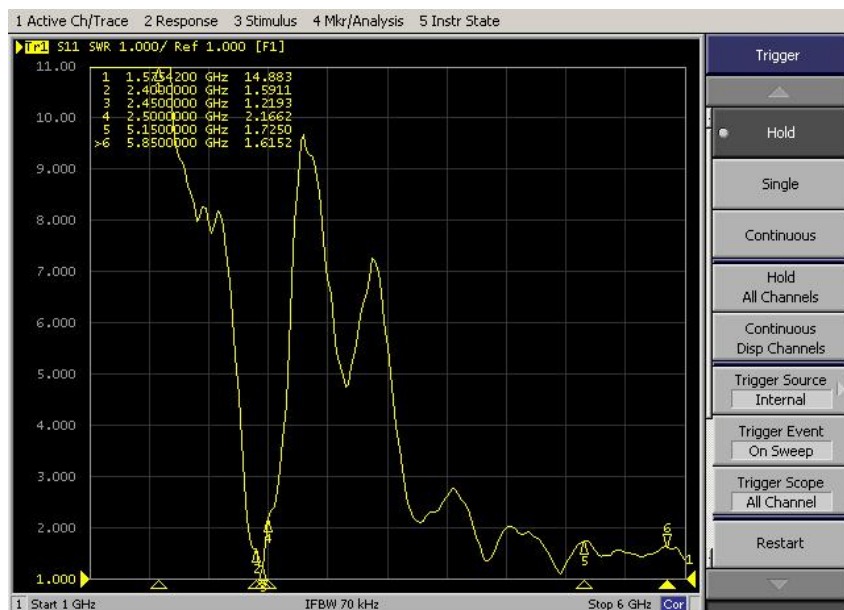


1. Product Overview



2. Test Result

2.1 VSWR/S11



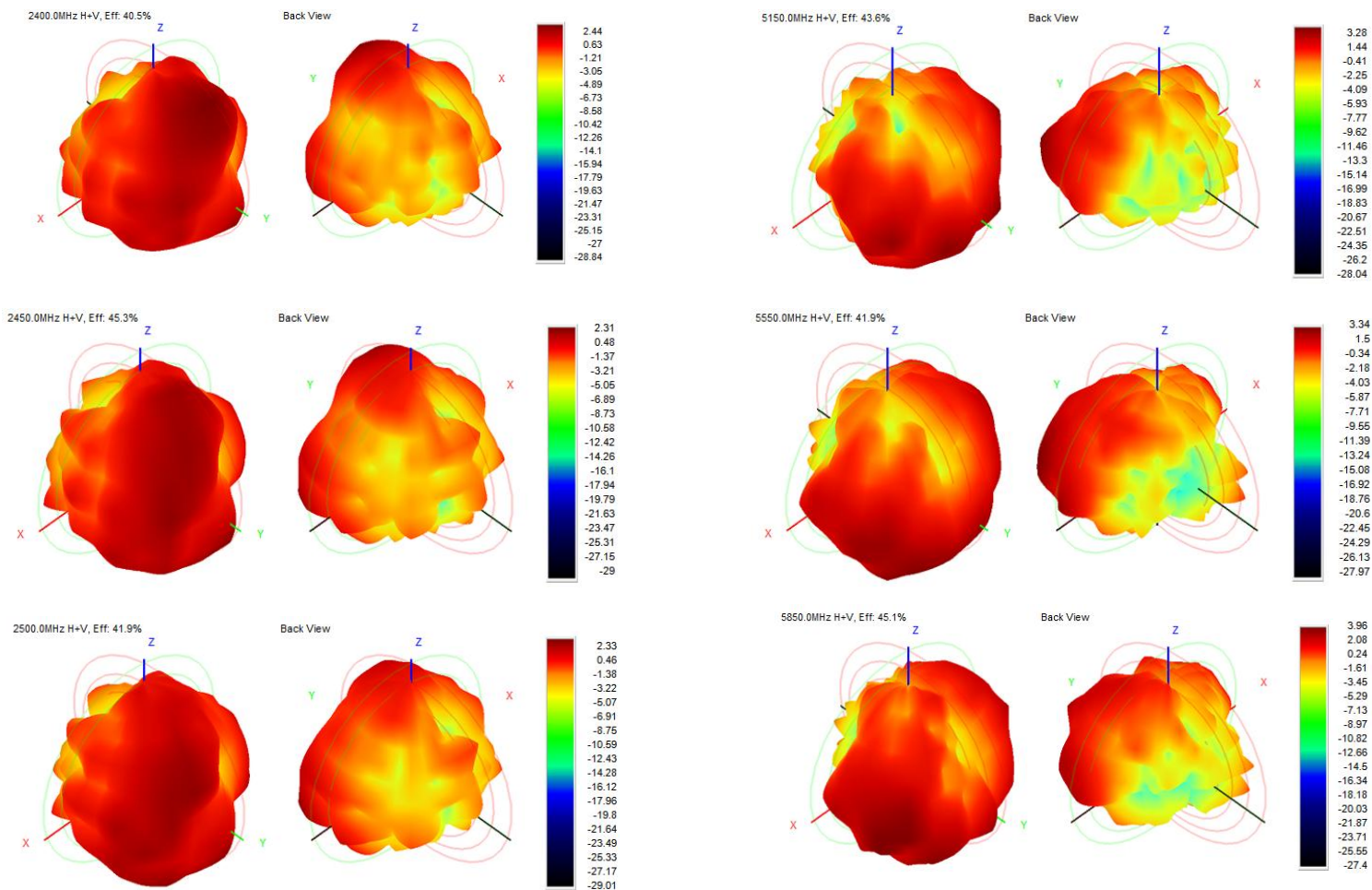
2. Test Result

2.2 WIFI Antenna Gain/Efficiency/Radiation Pattern of 3D

Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
2400.0	-3.92	2.44	40.53
2410.0	-3.78	2.54	41.80
2420.0	-3.62	2.85	43.37
2430.0	-3.66	2.42	42.96
2440.0	-3.49	2.38	44.72
2450.0	-3.43	2.31	45.35
2460.0	-3.41	2.07	45.60
2470.0	-3.57	2.59	43.90
2480.0	-3.51	2.69	44.50
2490.0	-3.93	2.46	40.44
2500.0	-3.77	2.33	41.88
5150.0	-3.60	3.38	43.64
5350.0	-3.62	3.98	43.42
5550.0	-3.77	3.34	41.93
5750.0	-3.53	3.18	44.32
5850.0	-3.46	3.96	45.08

2. Test Result

2.2 WIFI Antenna Gain/Efficiency/Radiation Pattern of 3D



2. Test Result

2.3 WIFI Antenna TRP/TIS

WIFI有源测试			
频段	1	6	11
B-TRP-11MBps	12.8	13.59	14.31
B-TIS-11MBps	-79.46	-79.76	-79.64
G-TRP-54MBps	11.31	10.82	12.51
G-TIS-54MBps	-66.59	-66.72	-66.71
N-TRP-MCS7	11.22	11.08	12.37
N-TIS-MCS7	-63.51	-63.26	-63.44
频段	36	149	165
A-TRP-54MBps	11.1	10.67	11.45
A-TIS-54MBps	-70.13	-70.51	-70.47

3. Conclusions

谢谢！