

Antenna SPECIFICATION

Shenzhen Yishengbang Technology Co., Ltd Antenna Test Report

Customer: YI LAI DUN

Project: WF3289T(R153)

Product: WIFI

Report date: 2024-05-07

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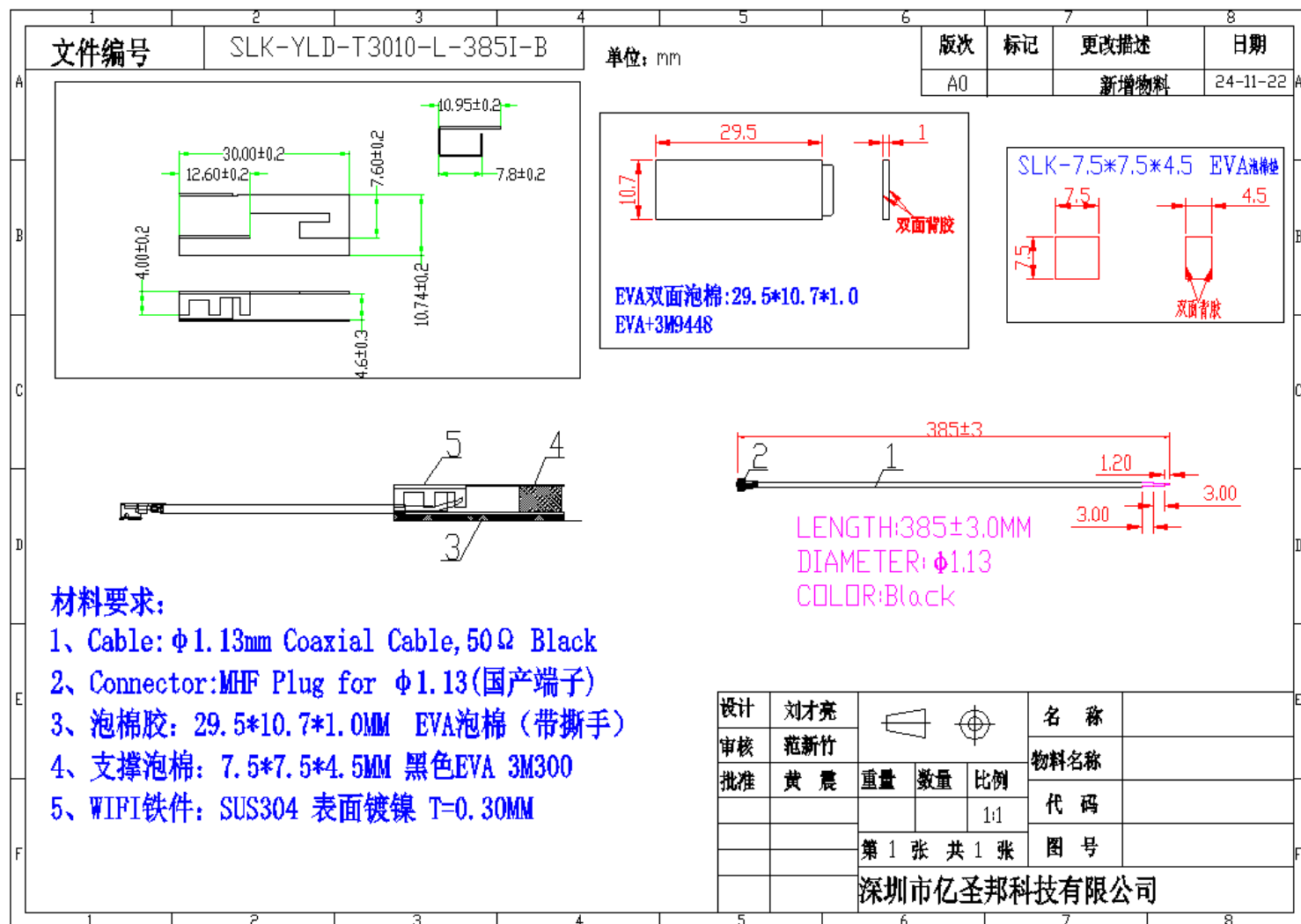
Purpose

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

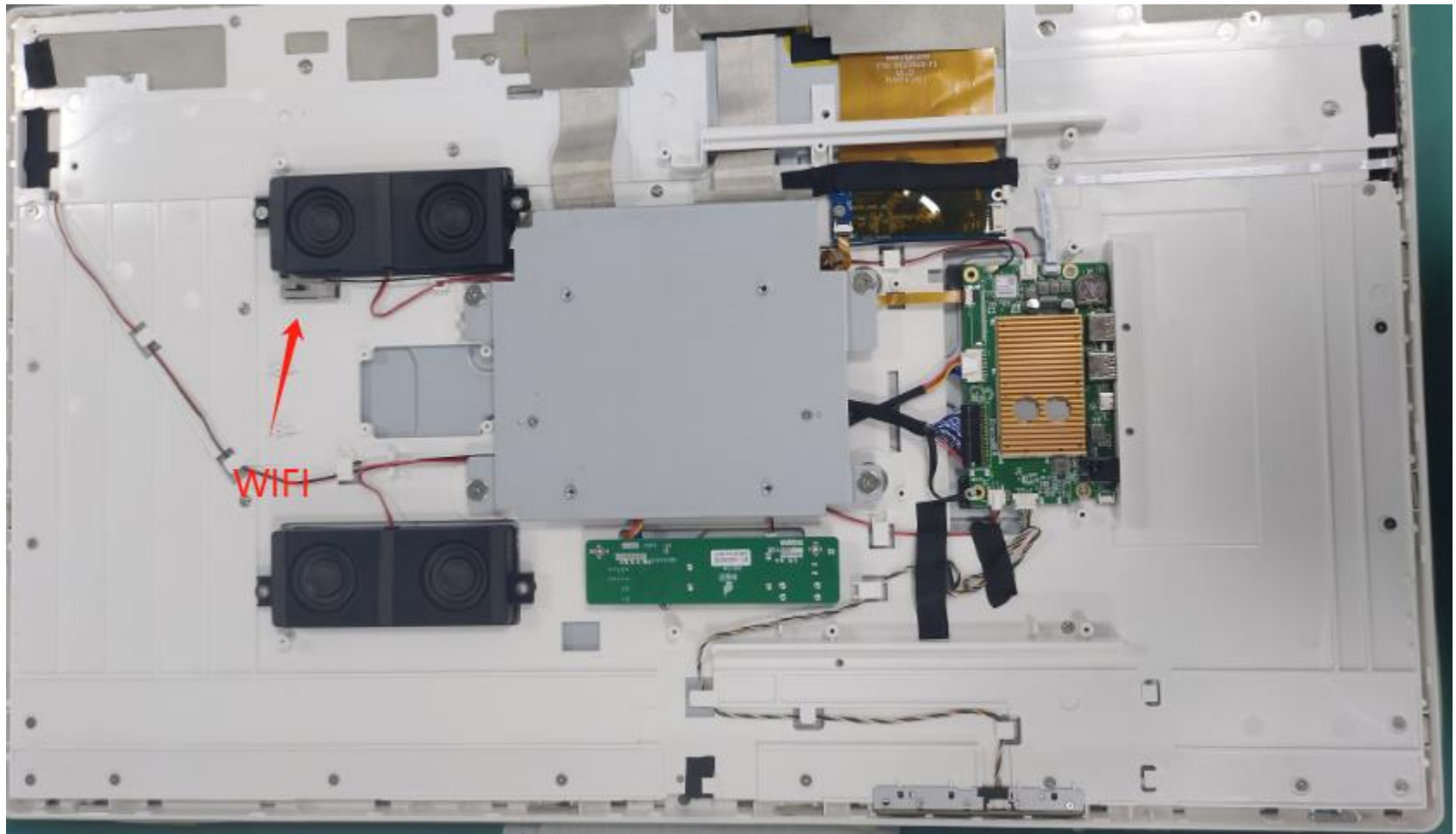
Content

1. Product Overview
2. Test Result
 - 2.1 VSWR/S11
 - 2.2 WIFI Antenna TRP/TIS
 - 2.3 WIFI Antenna Gain/Efficiency/3D DATA
3. Conclusions

1. Product Overview

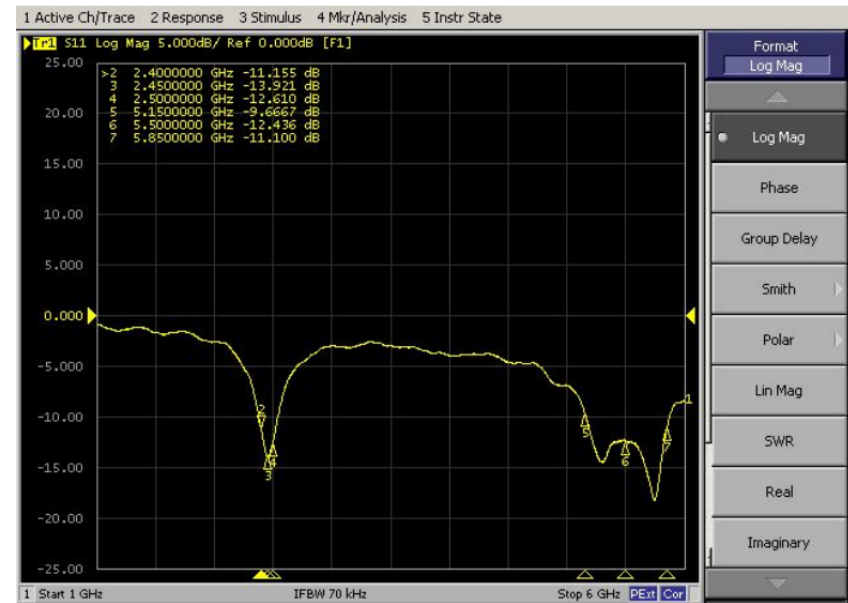
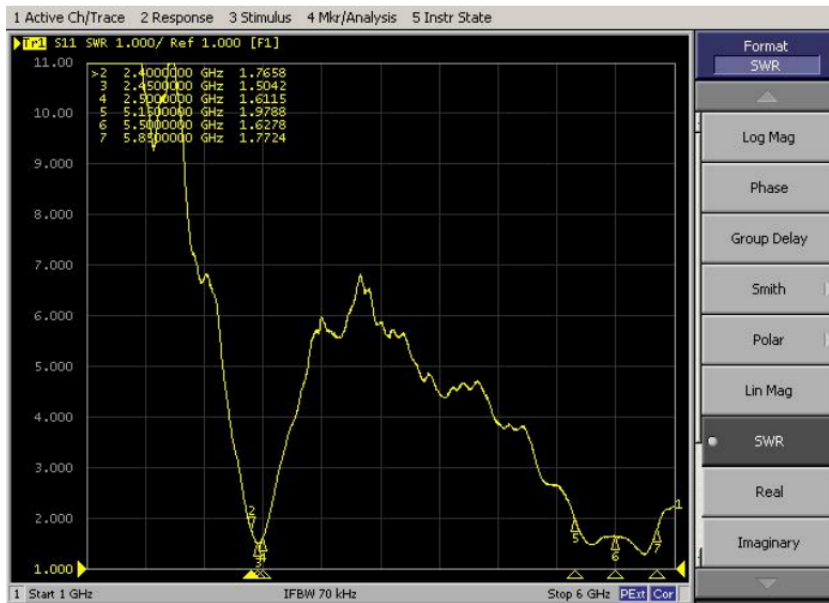


1. Product Overview



2. Test Result

2.1 VSWR/S11



2. Test Result

2.2 WIFI Antenna TRP/TIS

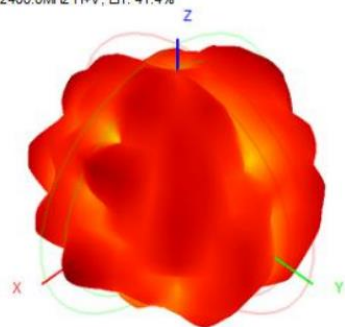
WIFI有源测试			
频段	1	6	11
B-TRP-11MBps	15.29	15.06	15.46
B-TIS-11MBps	-80.76	-80.51	-80.86
G-TRP-54MBps	12.31	12.09	12.98
G-TIS-54MBps	-66.9	-66.95	-67.96
N-TRP-MCS7	11.62	12.26	12.14
N-TIS-MCS7	-63.67	-63.13	-63.24
频段	36	149	165
A-TRP-54MBps	9.23	11.63	10.94
A-TIS-54MBps	-69.23	-68.93	-69.19

2. Test Result

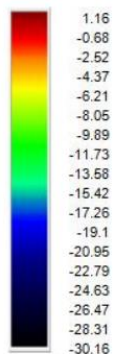
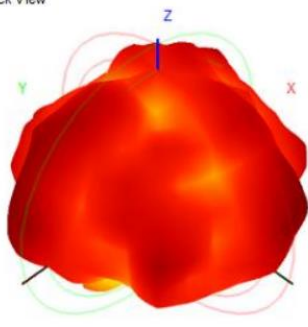
2.3 WIFI Antenna Gain/Efficiency/3D DATA

Frequency (MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0	5150.0	5350.0	5500.0	5650.0	5850.0
Efficiency (dBi)	-3.82	-3.54	-3.39	-3.15	-3.16	-3.25	-3.27	-3.15	-3.16	-3.44	-3.54	-3.69	-3.56	-3.60	-3.69	-3.47
Gain (dBi)	1.16	1.55	1.59	1.61	1.59	1.67	1.77	2.05	2.08	1.57	1.17	2.67	2.31	2.40	2.13	2.65
Efficiency (%)	41.45	44.24	45.80	48.31	48.26	47.26	47.02	48.33	48.28	45.22	44.20	42.74	44.04	43.57	42.70	44.92

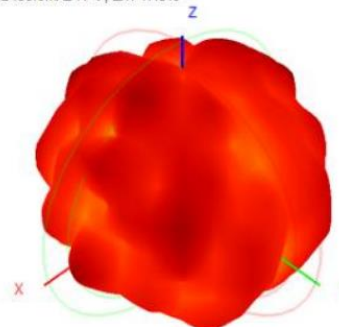
2400.0MHz H+V, Eff: 41.4%



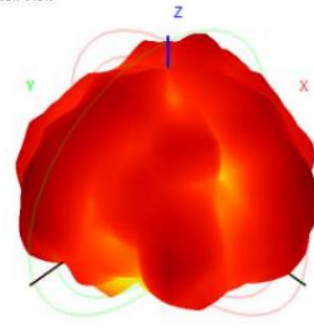
Back View



2450.0MHz H+V, Eff: 47.3%

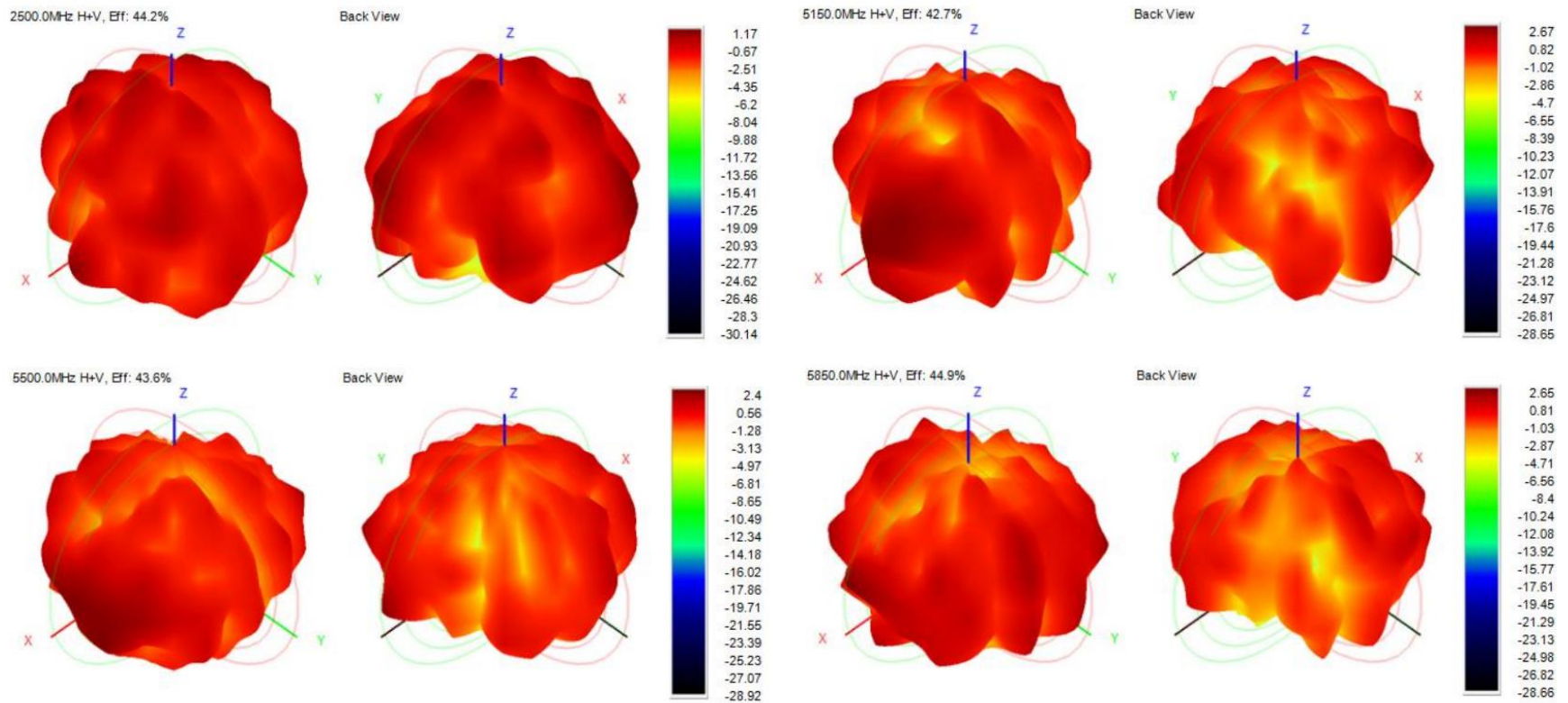


Back View



2. Test Result

2.3 WIFI Antenna Gain/Efficiency/3D DATA



2. Conclusions

谢谢！