

Antenna SPECIFICATION

Shenzhen Yishengbang Technology Co., Ltd Antenna Test Report

Customer: YI LAI DUN

Project: WF3289T(R153)

Product: WIFI

Report date: 2024-05-07

Prepared by : LIU SHUN

Checked by : HUANG ZHENG

Approved by : LIN MEI CAI



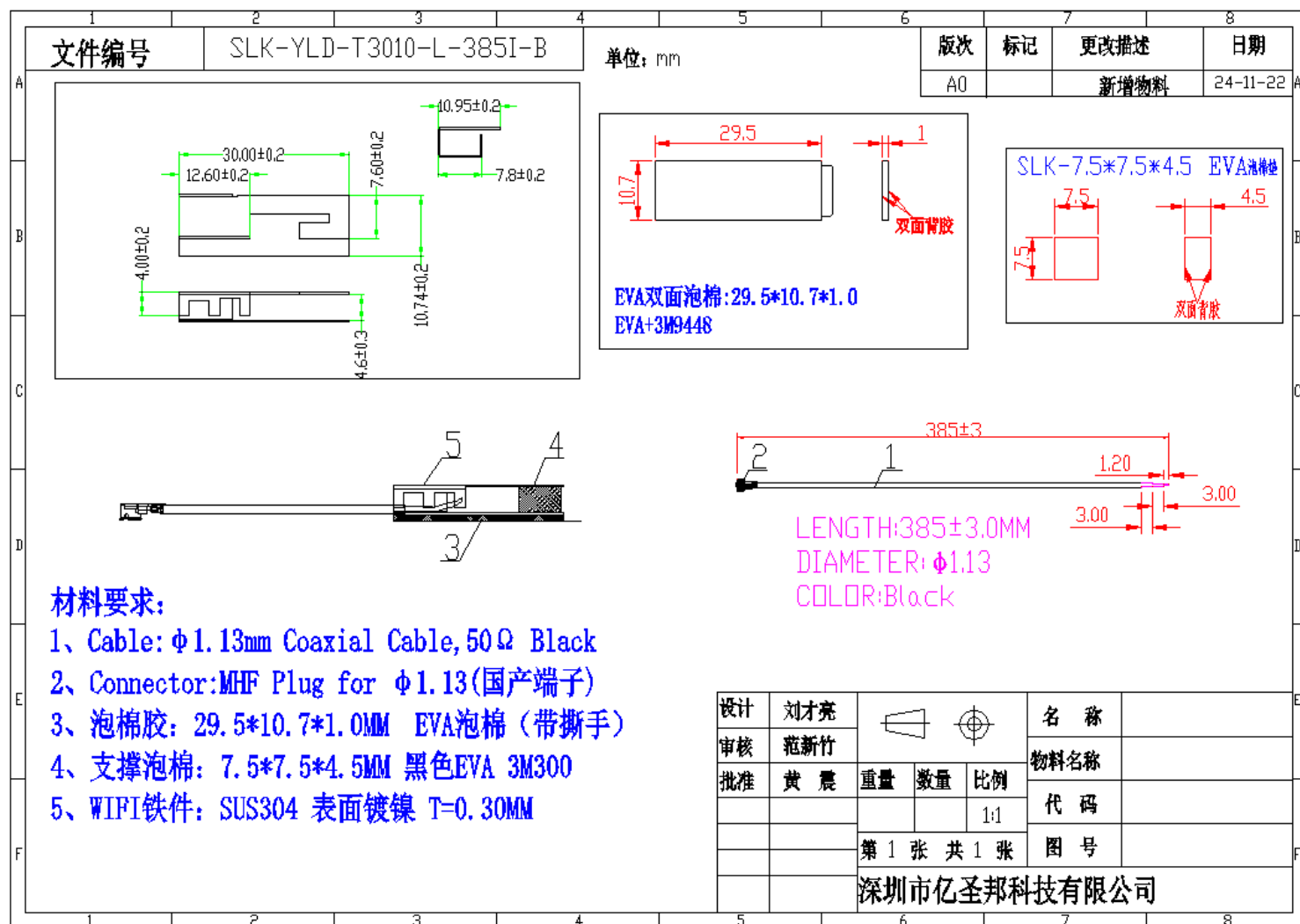
Purpose

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

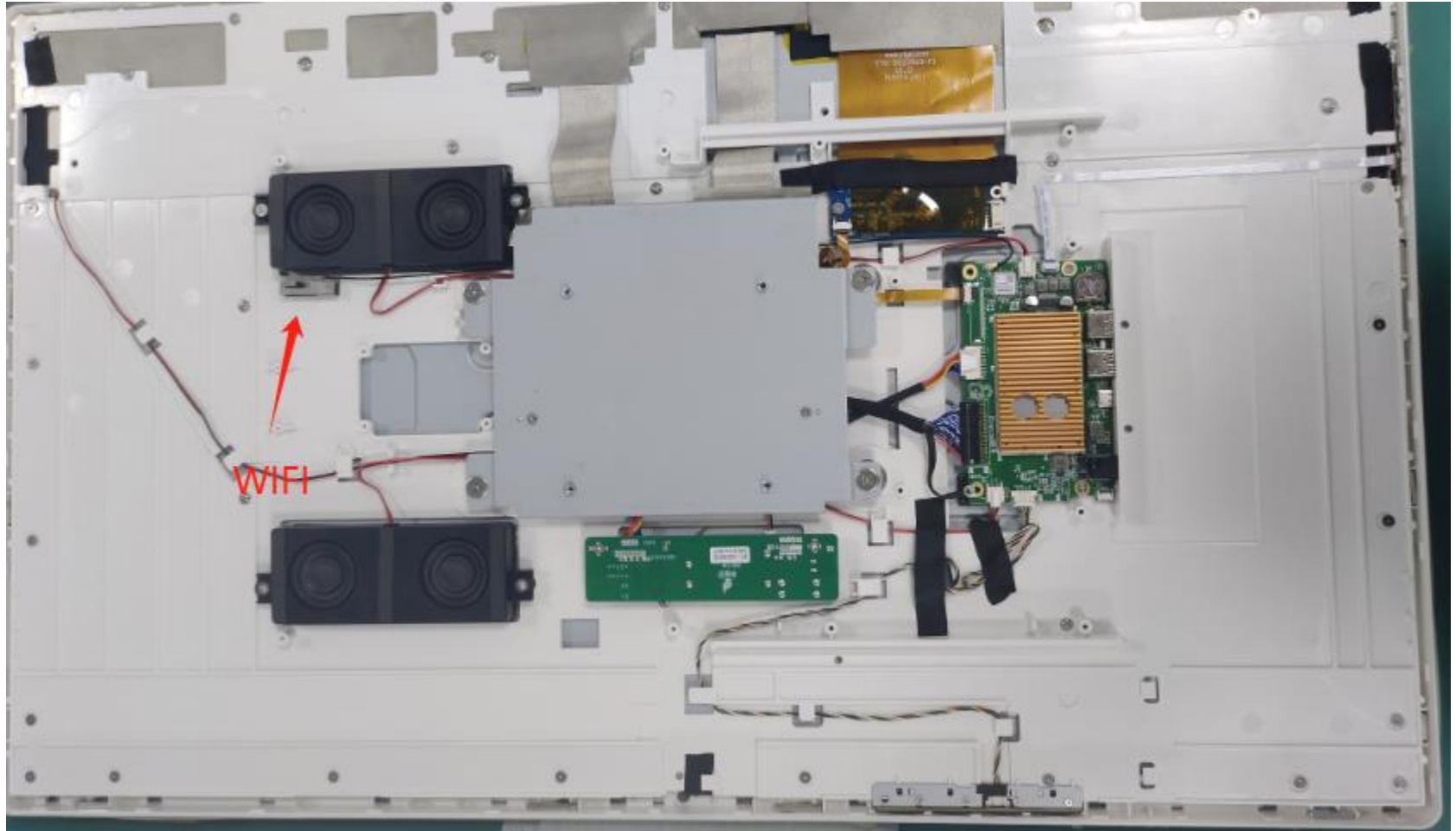
Content

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

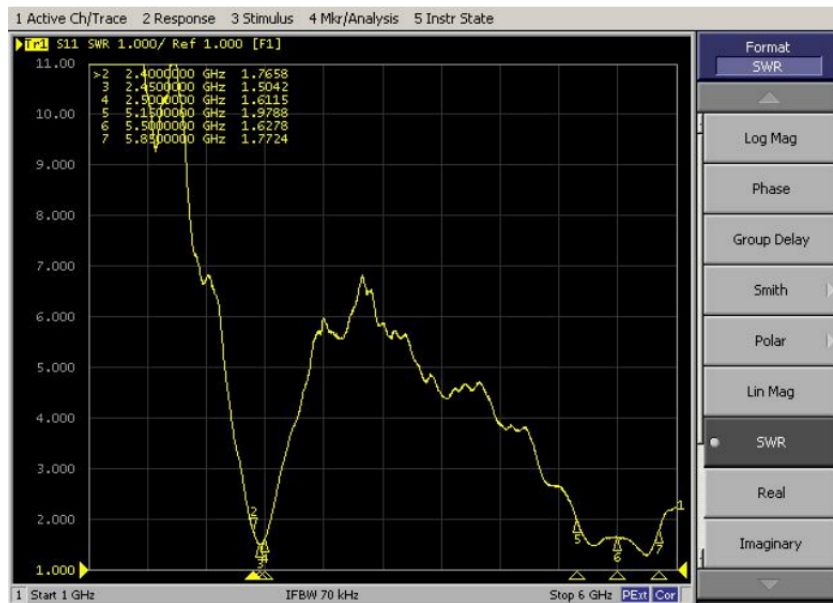


1. Product Overview



2. Test Result

2.1 VSWR/S11



2. Test Result

2.2 WIFI Antenna TRP/TIS

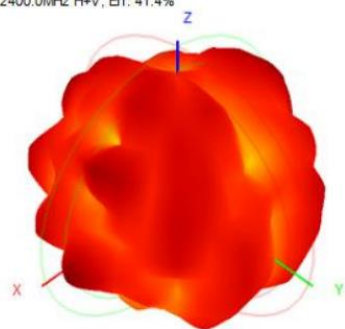
WIFI有源测试			
频段	1	6	11
B-TRP-11MBps	15.29	15.06	15.46
B-TIS-11MBps	-80.76	-80.51	-80.86
G-TRP-54MBps	12.31	12.09	12.98
G-TIS-54MBps	-66.9	-66.95	-67.96
N-TRP-MCS7	11.62	12.26	12.14
N-TIS-MCS7	-63.67	-63.13	-63.24
频段	36	149	165
A-TRP-54MBps	9.23	11.63	10.94
A-TIS-54MBps	-69.23	-68.93	-69.19

2. Test Result

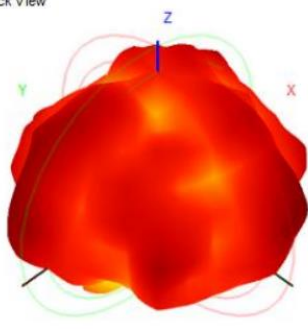
2.3 WIFI Antenna Gain/Efficiency/3D DATA

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

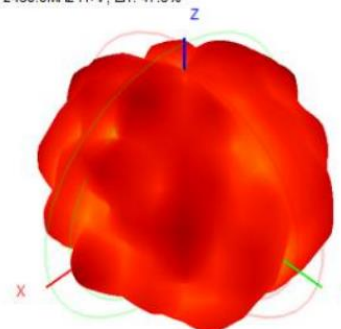
2400.0MHz H+V, Eff: 41.4%



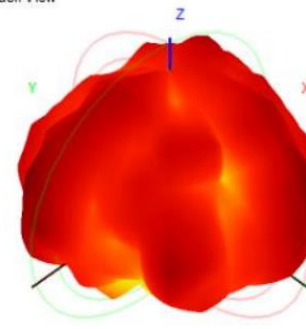
Back View



2450.0MHz H+V, Eff: 47.3%

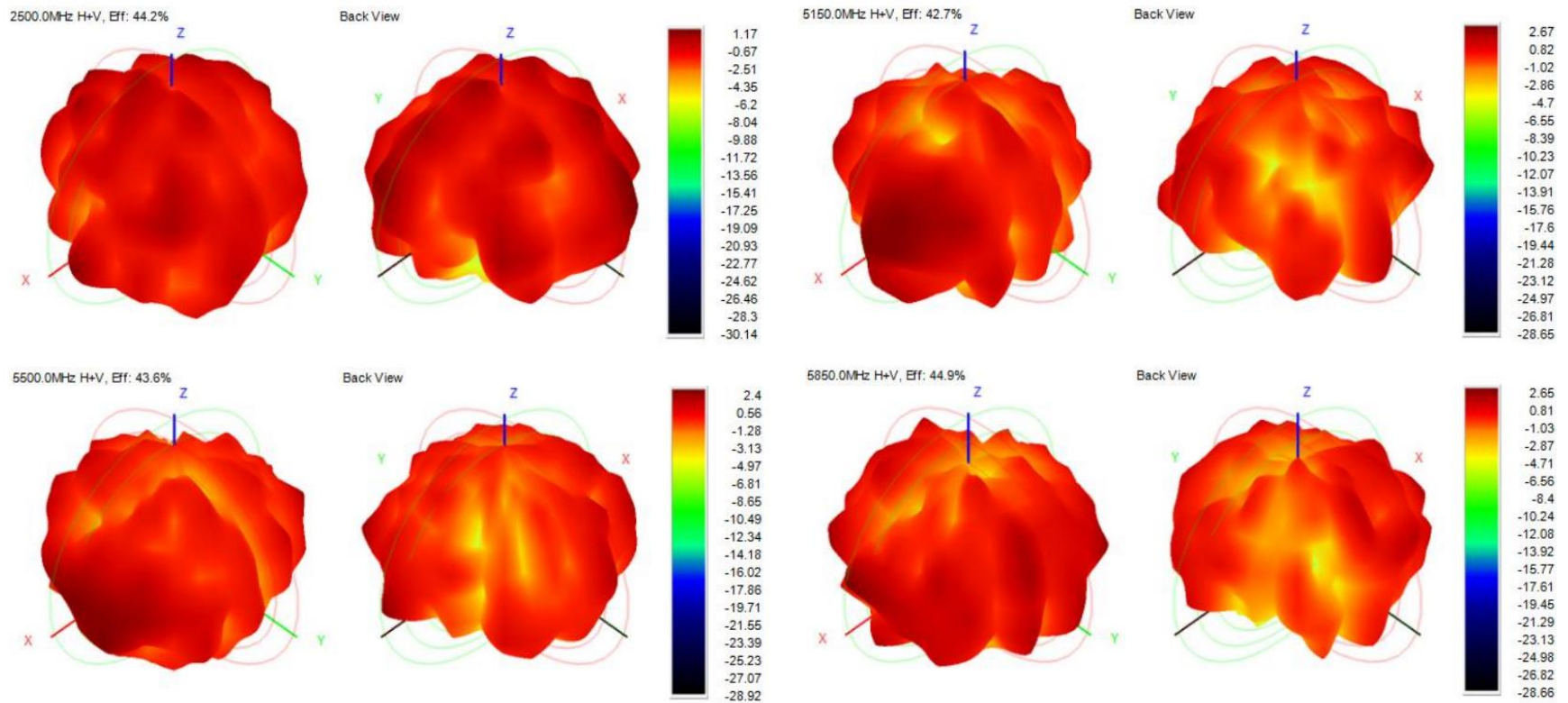


Back View



2. Test Result

2.3 WIFI Antenna Gain/Efficiency/3D DATA



2. Conclusions

谢谢！