

Antenna SPECIFICATION

Shenzhen Yishengbang Technology Co., Ltd Antenna Test Report

Manufacturer: SHENZHEN ELECTRON TECHNOLOGY CO., LTD.

Address: Bld.2, Yingfeng Industrial Zone, Tantou Community, Songgang Street, Bao'an, Shenzhen, China

Customer: YI LAI DUN

Project: WF 1589(R153)

Product: WIFI

Report date: 2024-05-07

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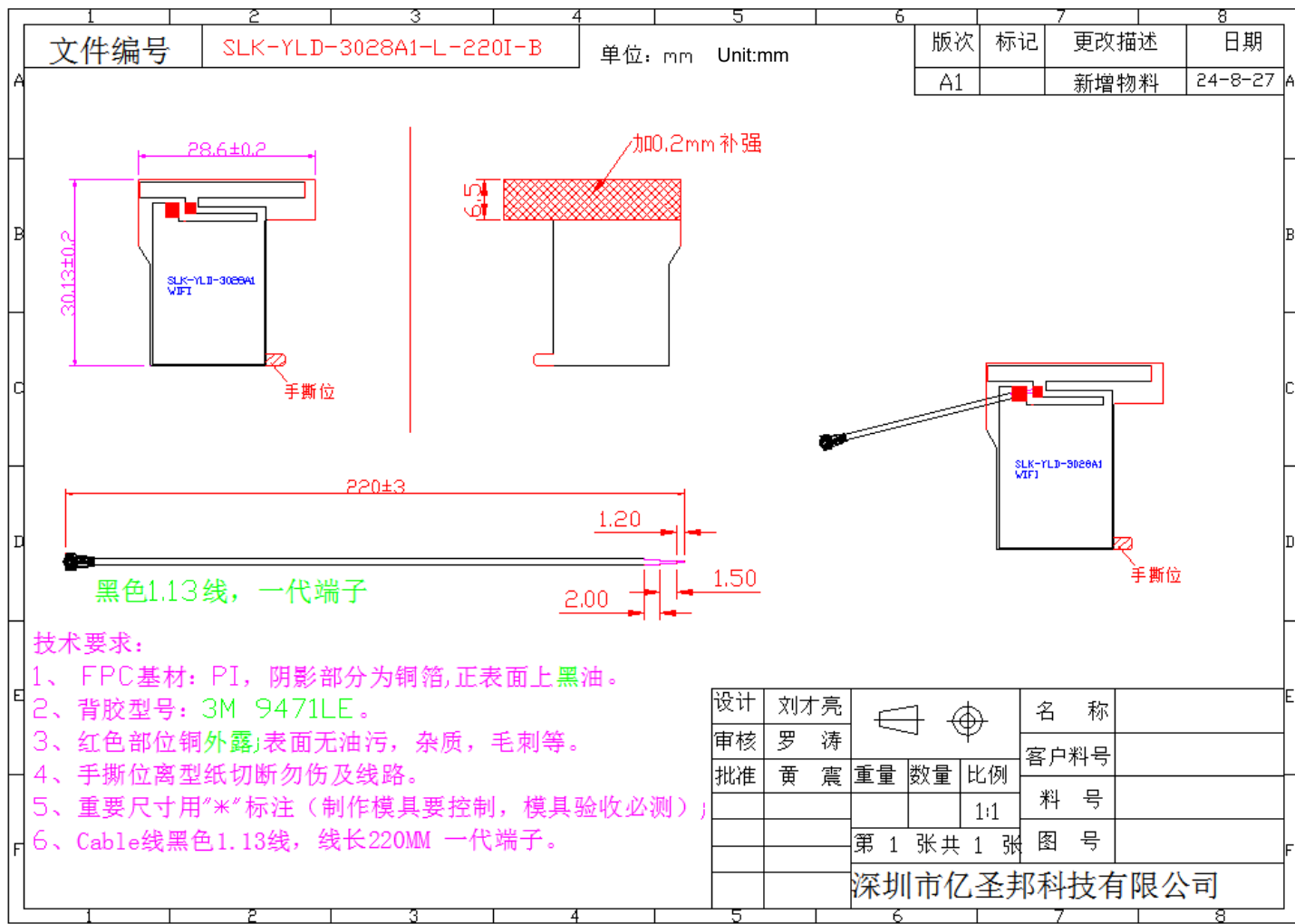
Purpose

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

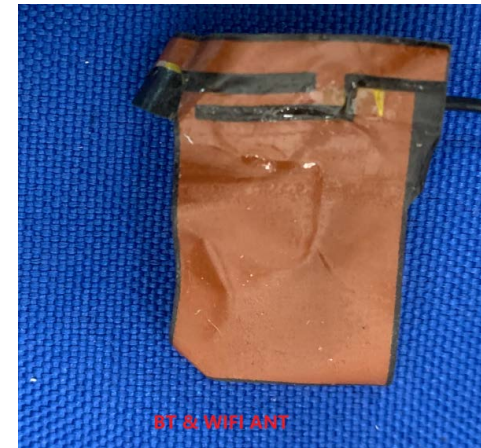
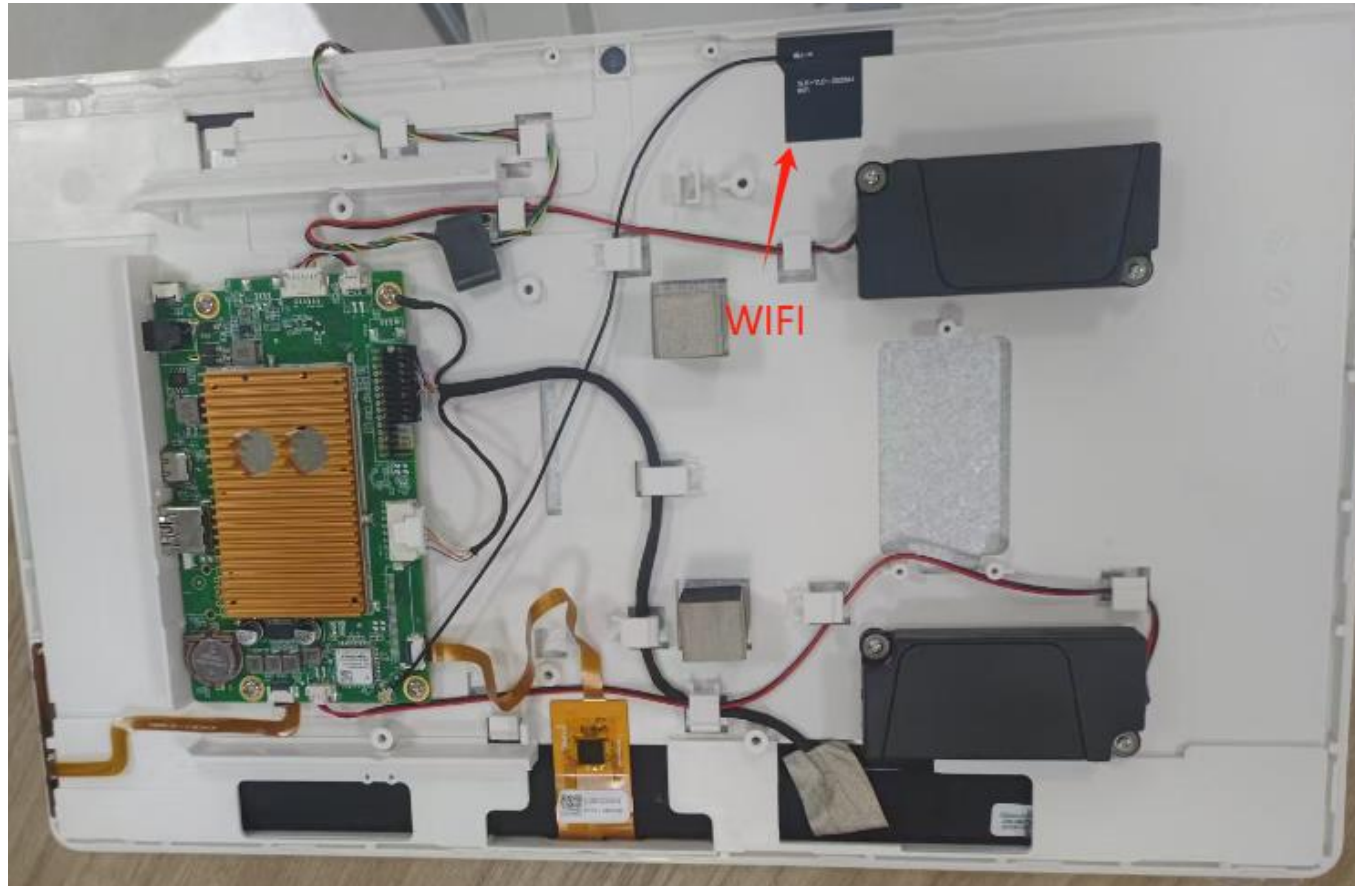
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1. Product Overview

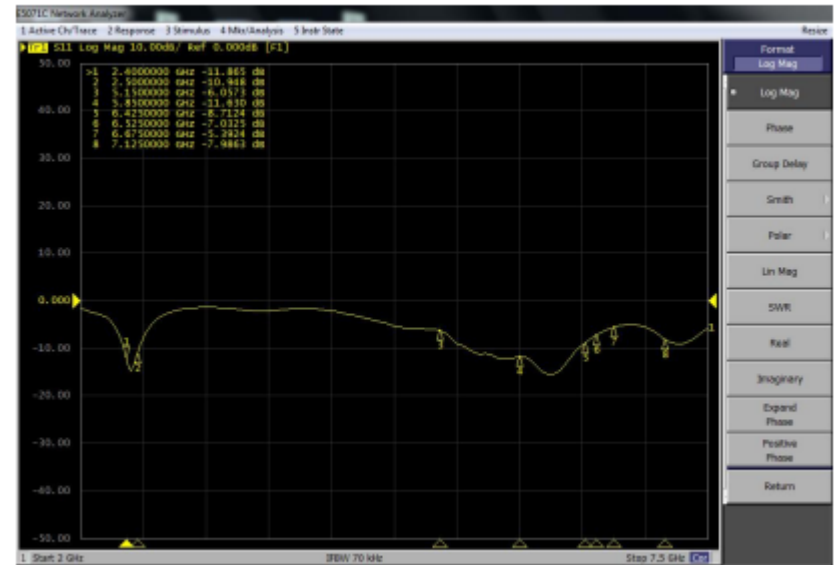
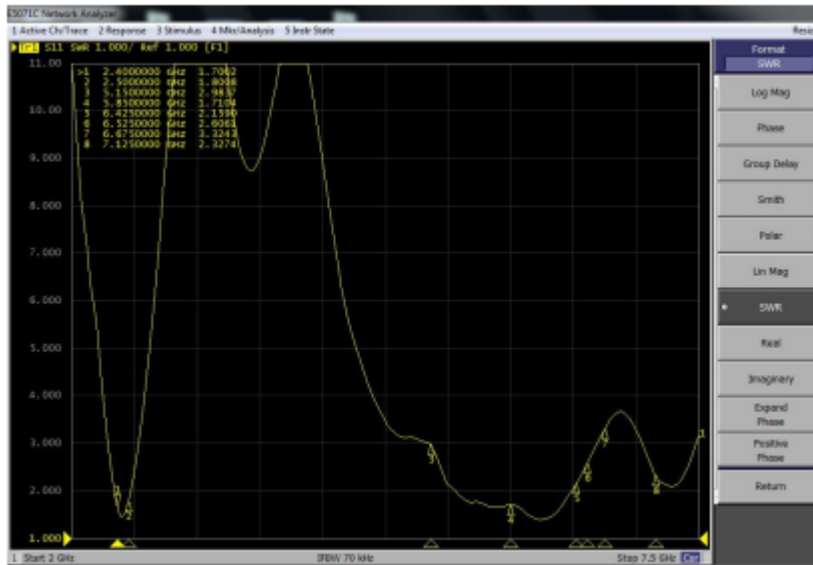


1. Product Overview



2. Test Result

2.1 VSWR/S11



2. Test Result

2.2 WIFI Antenna TRP/TIS

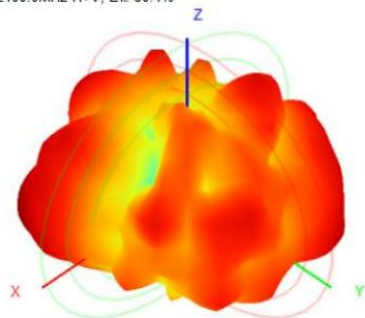
WIFI有源测试			
频段	1	6	11
B-TRP-11MBps	14.53	15.3	15.42
B-TIS-11MBps	-81.42	-80.67	-80.52
G-TRP-54MBps	12.41	11.69	12.9
G-TIS-54MBps	-69.41	-68.74	-68.28
N-TRP-MCS7	12.42	11.61	12.85
N-TIS-MCS7	-64.9	-64.68	-64.84
频段	36	149	165
A-TRP-54MBps	10.67	10.49	10.39
A-TIS-54MBps	-69.94	-69.45	-69.87

2. Test Result

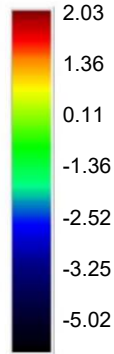
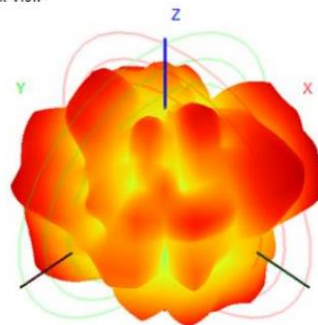
2.3 WIFI Antenna Gain/Efficiency/3D DATA

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)	-2.97	-2.85	-2.79	-2.59	-2.56	-2.84	-2.87	-2.77	-2.69	-2.79	-2.63	-3.72	-3.60	-3.36	-3.50	-3.60
Gain (dBi)	2.03	1.88	2.11	2.38	2.34	2.05	1.80	1.89	2.06	2.22	2.47	2.30	2.36	2.73	2.87	2.05
Efficiency (%)	50.43	51.83	52.56	54.97	55.35	51.88	51.56	52.83	53.77	52.51	54.55	42.43	43.61	46.10	44.63	43.58

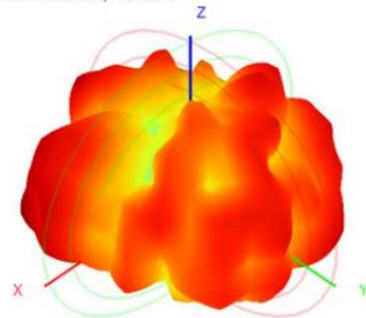
2400.0MHz H+V, Eff 50.4%



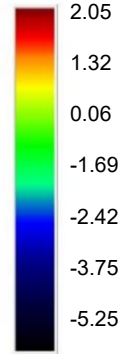
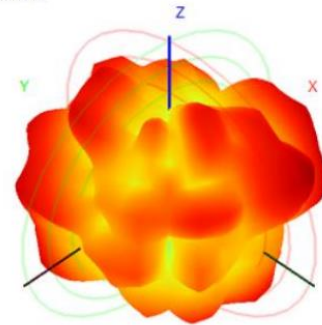
Back View



2450.0MHz H+V, Eff 51.9%

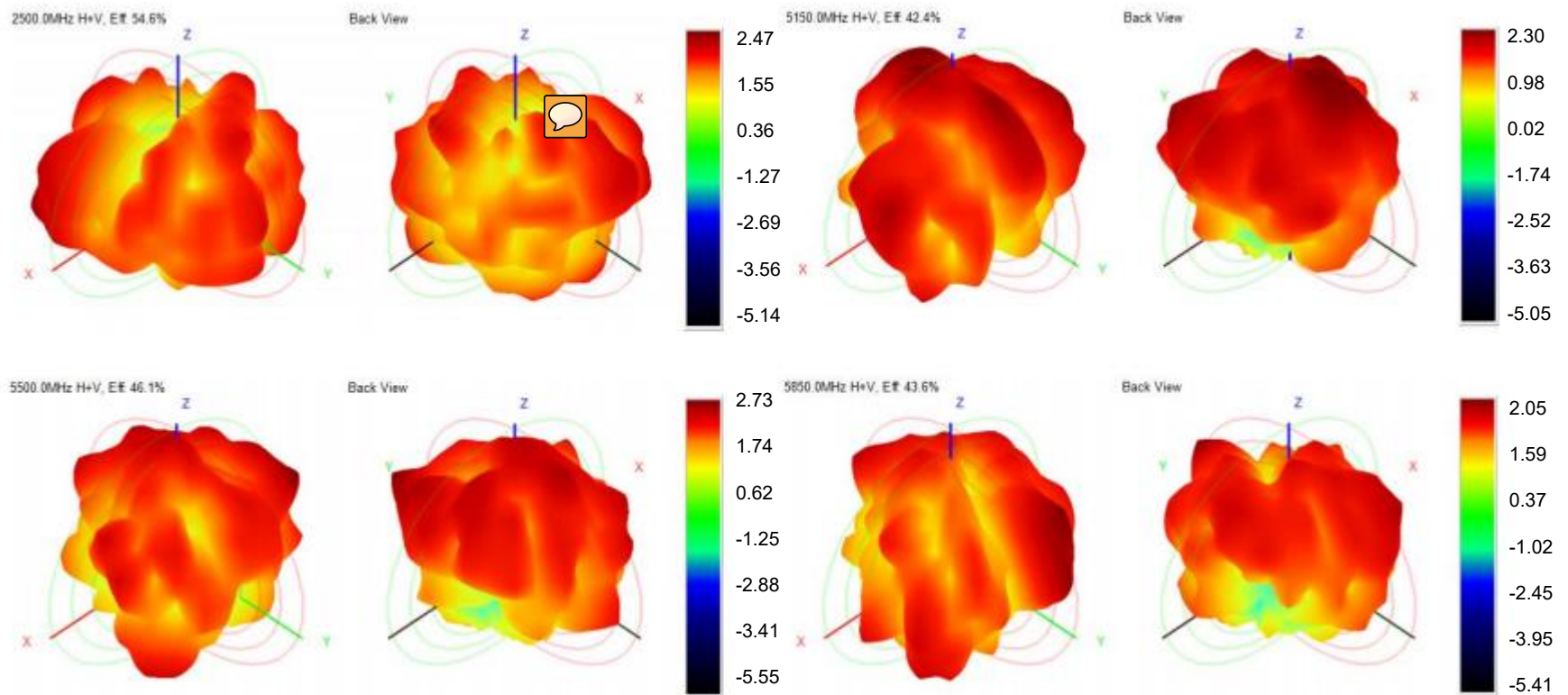


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2. Test Result

2.3 WIFI Antenna Gain/Efficiency/3D DATA



2. Conclusions

谢谢！