

Shenzhen Yi Sheng Bang technology Co., LTD

The Holy bond Electronics Co., Ltd. Antenna Test Report

Customer: 一恒科

Project: LT504

Product: WIFI Antenna—FPC

Report date: 2023-08-31

Prepared by : 陈仕联

Checked by : Eason Huang

Approved by :

Purpose

This report is to measure the performance of SLK for Master Antenna on 一恒科. All measure data are showed below.

Content

1. Test Result

1.1 WIFI MAIN/AUX Antenna VSWR

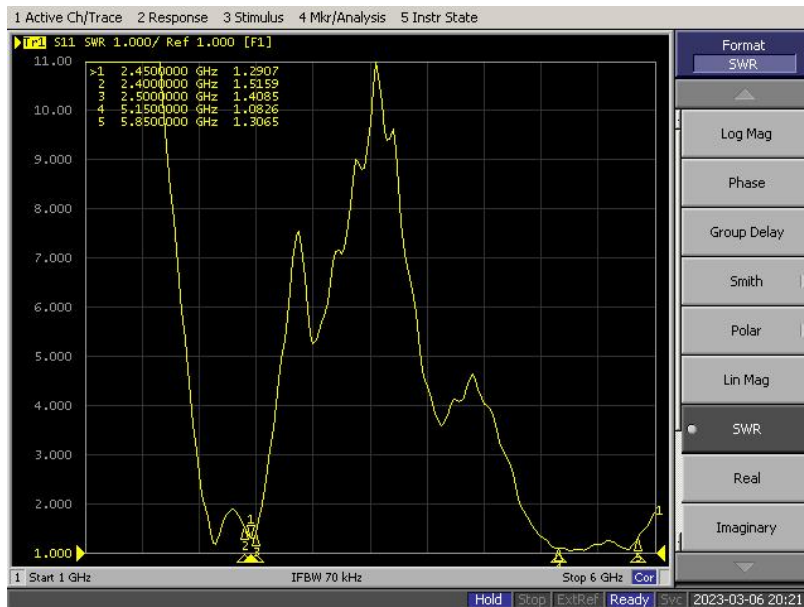
1.2 Antenna parameters

1.3 WIFI MAIN/AUX Antenna Gain/Efficiency/3D DATE

2. Conclusions

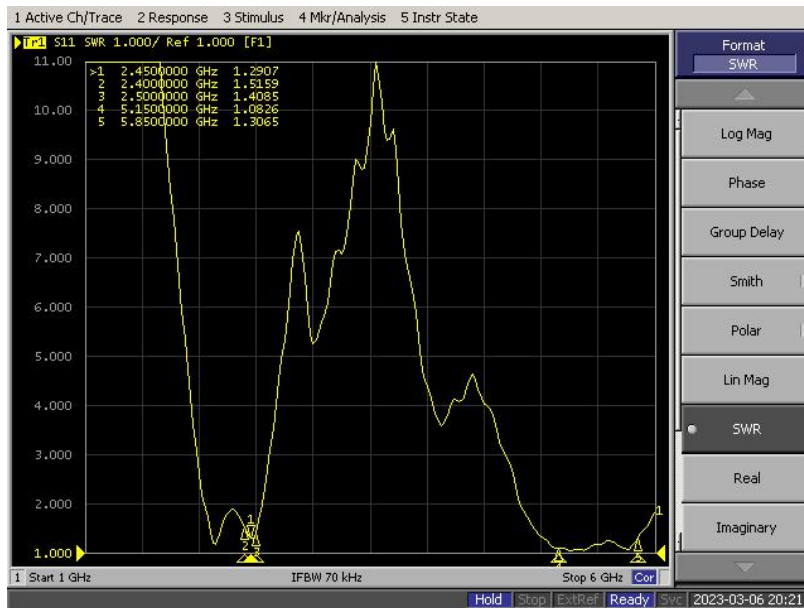
2. Test Result

1.1 WIFI MAIN Antenna VSWR/S11



2. Test Result

1.1 WIFI AUX Antenna VSWR/S11



2. Test Result

1.3 WIFI MAIN Antenna Gain/Efficiency/3D DATE

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	46.17	-3.36	1.87
2410	51.96	-2.84	2.63
2420	48.73	-3.12	2.5
2430	52.97	-2.76	2.9
2440	50.45	-2.97	2.69
2450	54.87	-2.61	2.97
2460	50.02	-3.01	2.47
2470	53.95	-2.68	2.81
2480	52.74	-2.78	3.13
2490	57.51	-2.4	3.86
2500	54.61	-2.63	3.95
5150	37.44	-4.27	1.78
5250	42.04	-3.76	2.2
5350	45.95	-3.38	2.26
5550	47.1	-3.27	2.71
5750	51.81	-2.86	3.92
5850	47.87	-3.2	3.54

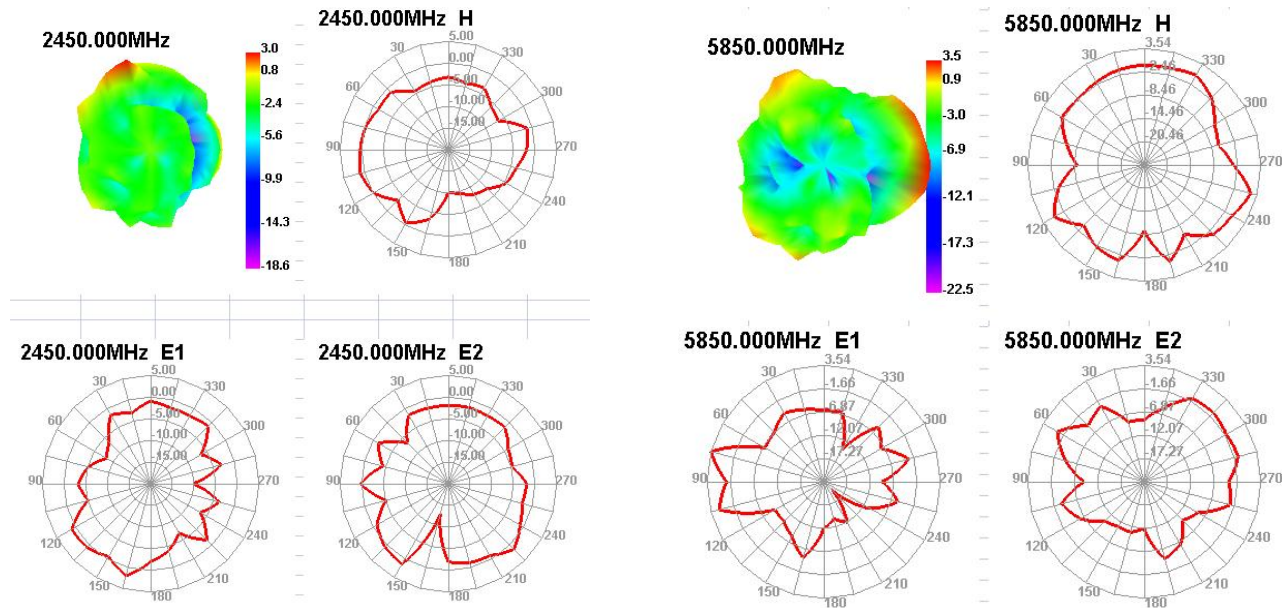
2. Test Result

1.3 WIFI AUX Antenna Gain/Efficiency/3D DATE

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
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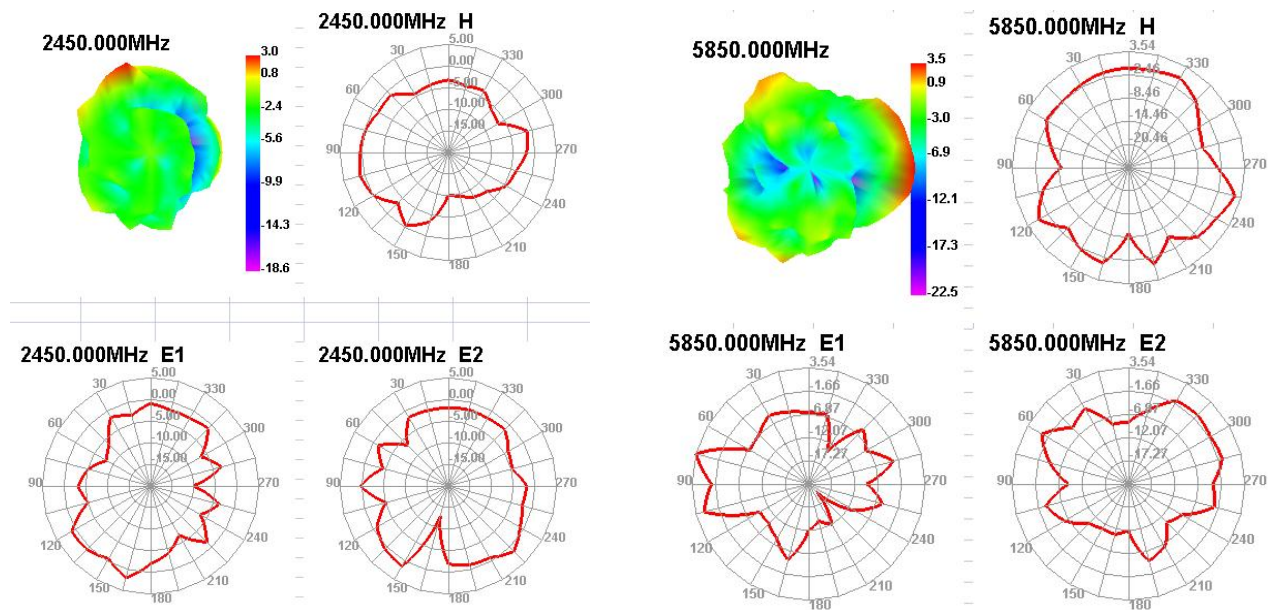
2. Test Result

1.3 WIFI MAIN Antenna Gain/Efficiency/3D DATE

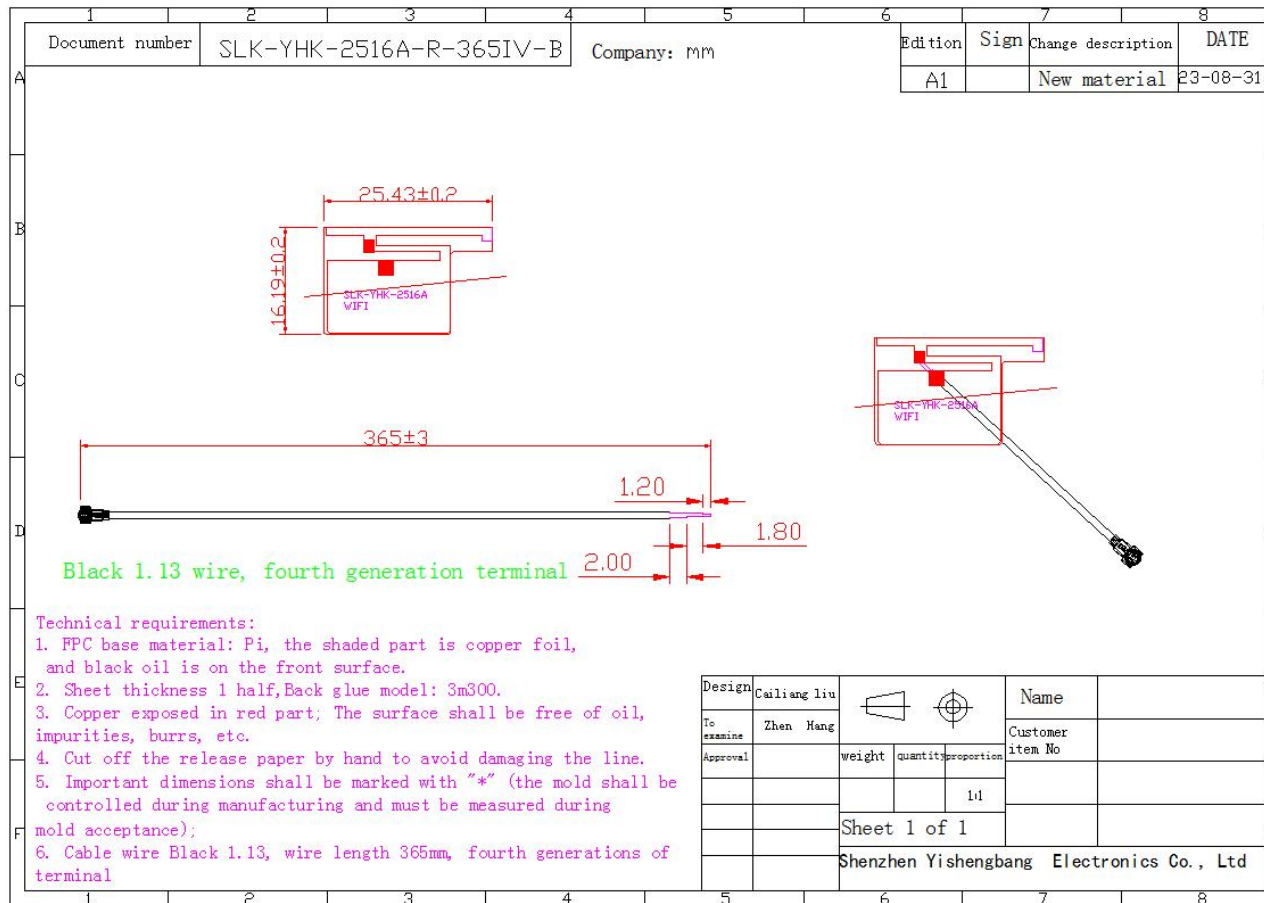


2. Test Result

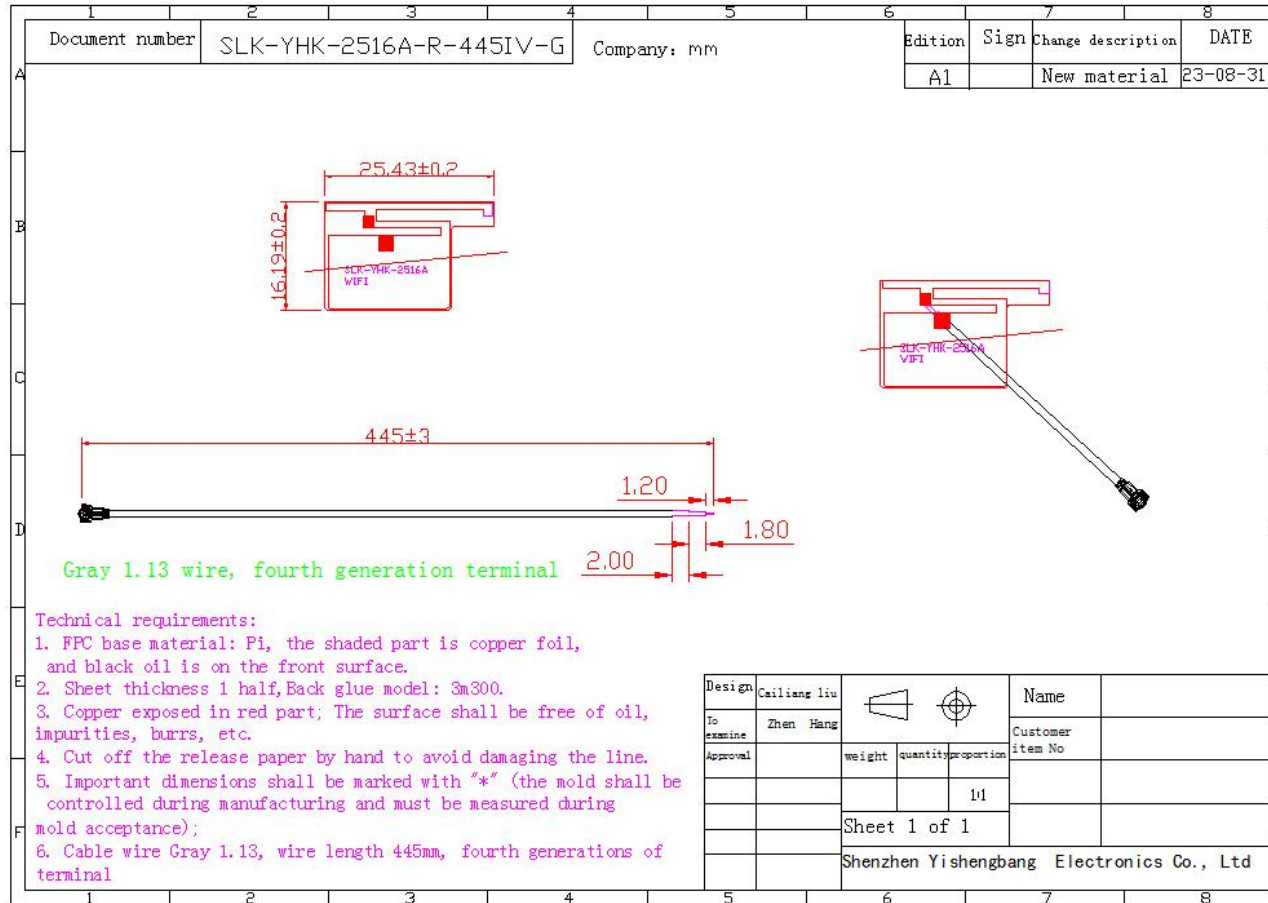
1.3 WIFI AUX Antenna Gain/Efficiency/3D DATE

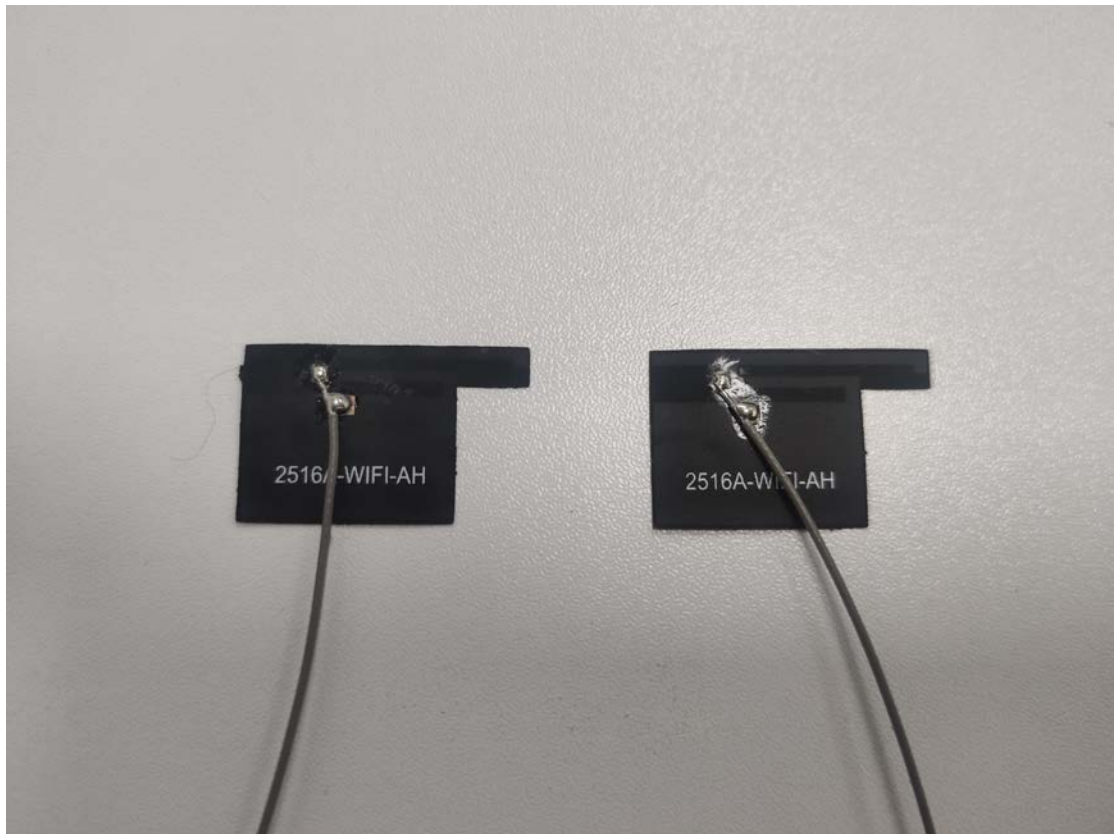


2. Conclusions



2. Conclusions







2. Conclusions

Thank you