

深圳市亿圣邦科技有限公司

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

Customer: 亿莱顿

Project: 4303 (R08主板)

Product: WIFI Antenna—FPC

Report date: 2022.12.13

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Approved by :

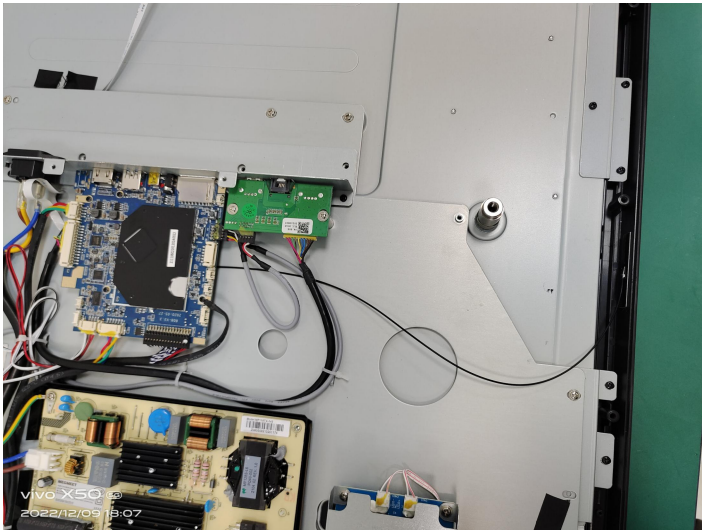
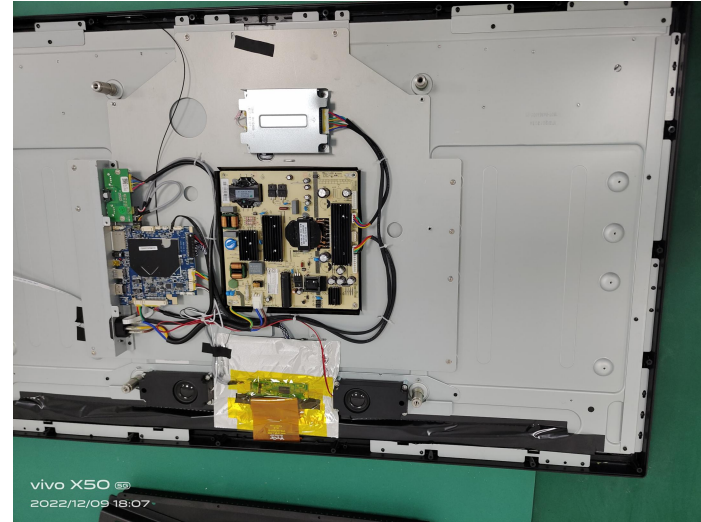
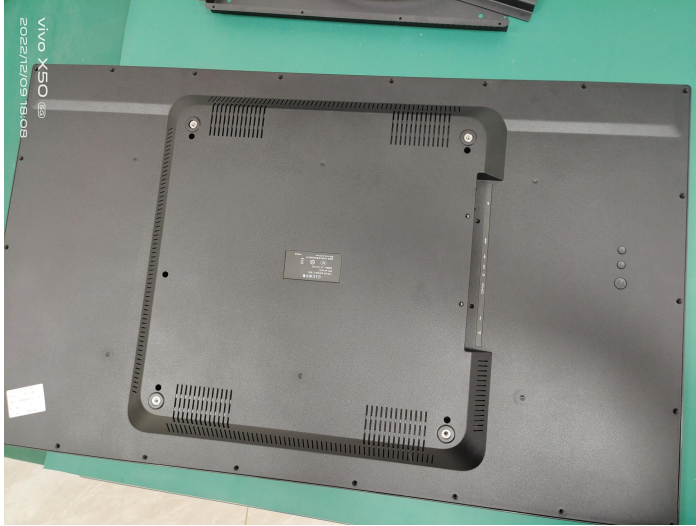
Purpose

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

Content

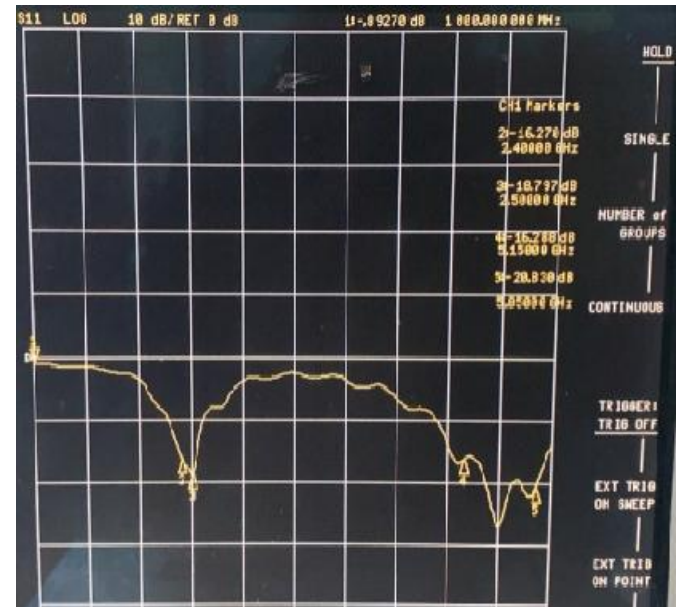
1. Product Overview
2. Test Result
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 - 2.3 WIFI Antenna Gain/Efficiency/3D DATE
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1. Product Overview



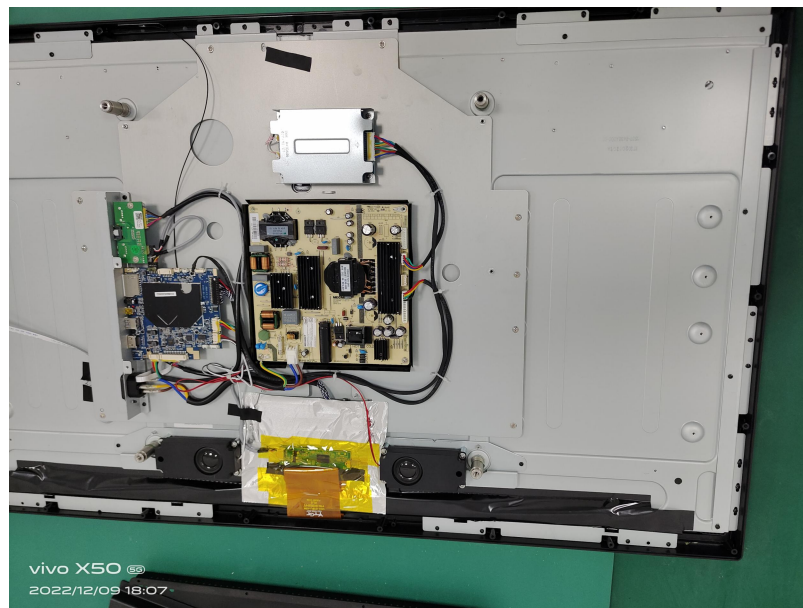
2. Test Result

2.1 WIFI Antenna VSWR/S11



2. Test Result

2.2 Antenna Parameters



2. Test Result

2.3 WIFI Antenna Gain/Efficiency/3D DATE

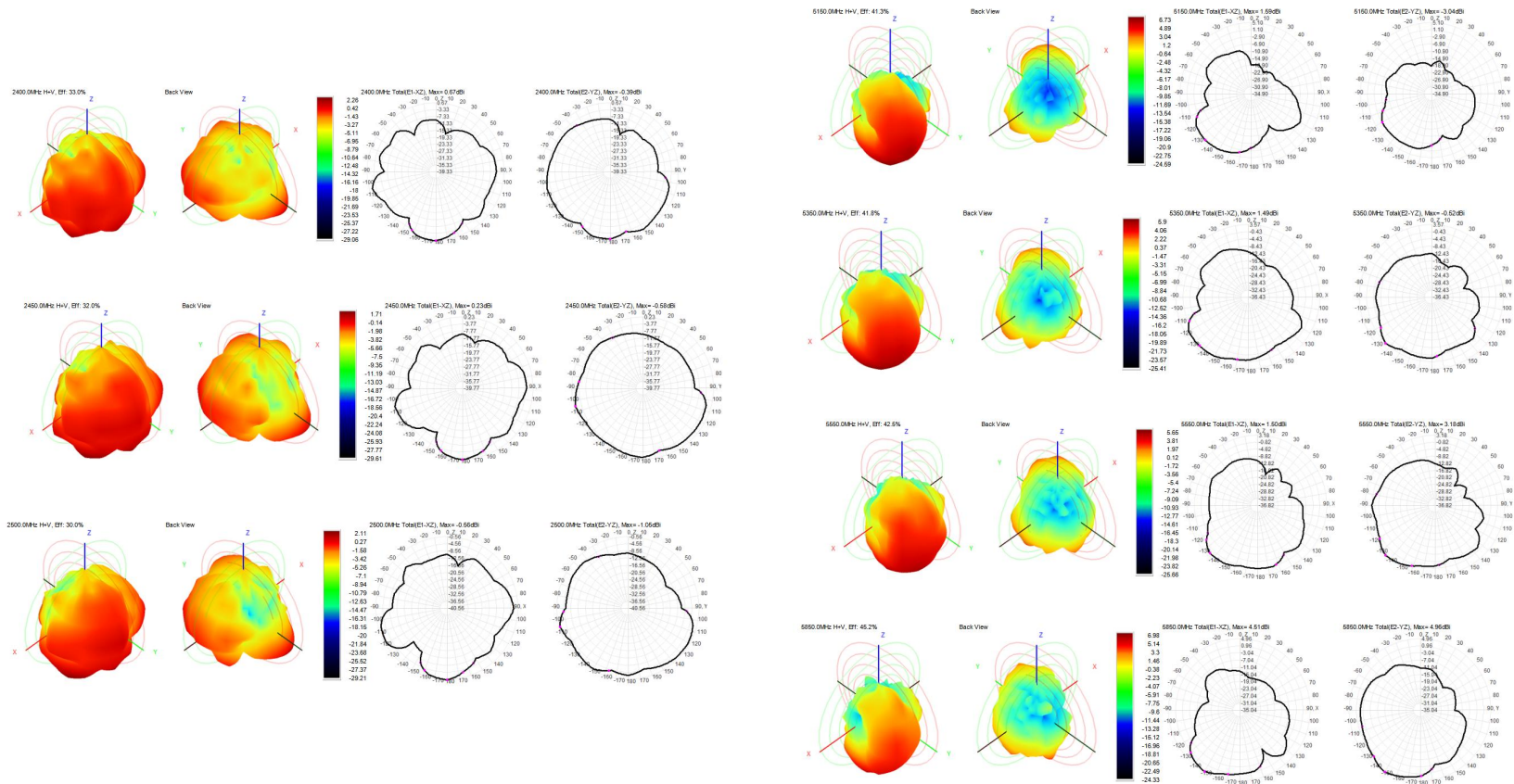
WIFI天线无源效率

Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
2400.0	-4.82	2.26	32.97
2410.0	-4.72	2.03	33.71
2420.0	-4.70	2.08	33.85
2430.0	-4.59	2.09	34.73
2440.0	-4.70	2.16	33.88
2450.0	-4.95	1.71	31.99
2460.0	-4.83	1.84	32.88
2470.0	-5.31	1.37	29.46
2480.0	-5.29	1.66	29.61
2490.0	-4.97	2.32	31.82
2500.0	-5.23	2.11	29.96
5150.0	-3.84	1.59	41.29
5350.0	-3.79	1.49	41.76
5550.0	-3.71	1.50	42.54
5850.0	-3.44	4.51	45.24

WIFI 有源测试			
频段	1	6	11
B-TRP-11MBps	15.25	13.51	12.45
B-TIS-11MBps	-78.65	-80.25	-79.62
G-TRP-54MBps	14.46	13.26	12.28
G-TIS-54MBps	-65.82	-66.27	-65.5
N-TRP-MCS7	14.47	13.28	12.24
N-TIS-MCS7	-62.09	-62.78	-62.38
频段	36	149	165
A-TRP-54MBps	12.57	15.48	15.47
A-TIS-54MBps	-69.89	-70.83	-69.61

2. Test Result

2.3 WIFI Antenna Gain/Efficiency/3D DATE



3. Conclusions

Thank you