

深圳市亿圣邦科技有限公司

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

Customer:科金明

Project: 110K,114K.111K

Product: WIFI

Report date: 2024-07-18

Prepared by :刘顺

Checked by : 黄震

Approved by : 林美财

Purpose

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

Content

1. Product Overview

2. Test Result

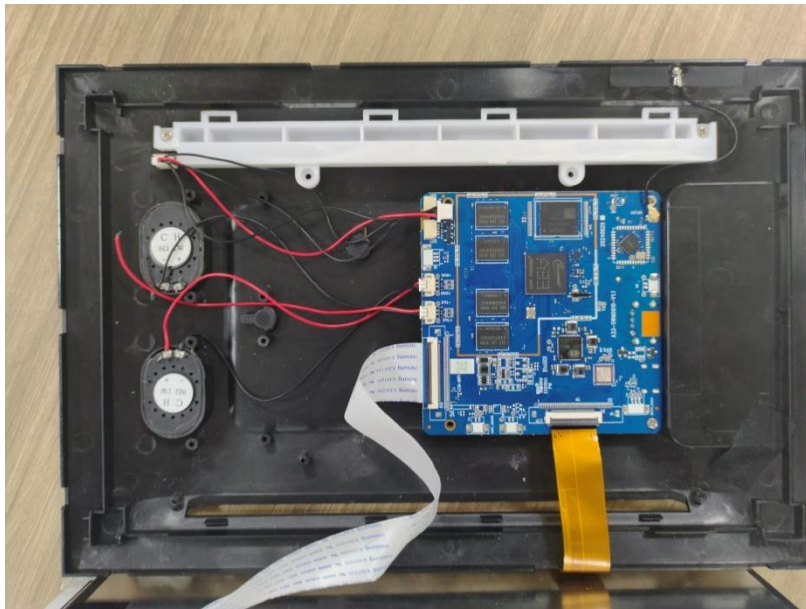
2.1 WIFI Antenna VSWR/S11

2.2 WIFI Antenna TRP/TIS

2.3 WIFI Antenna Gain/Efficiency/3D DATA

3. Conclusions

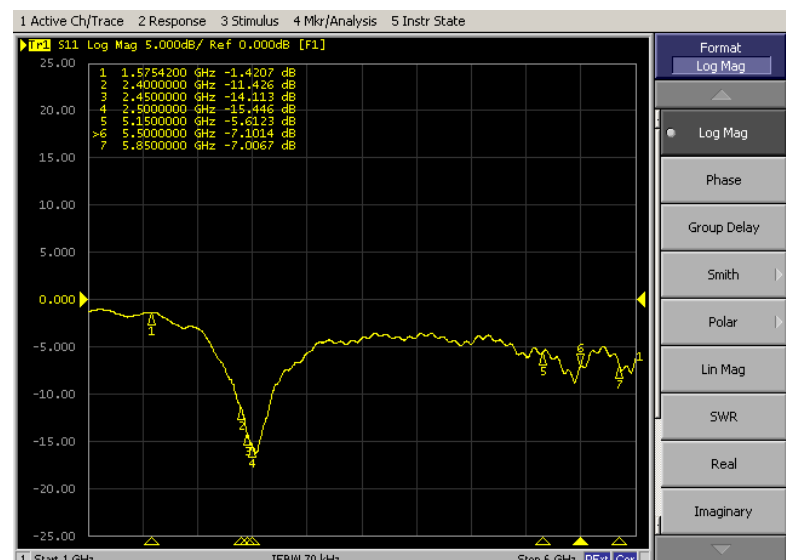
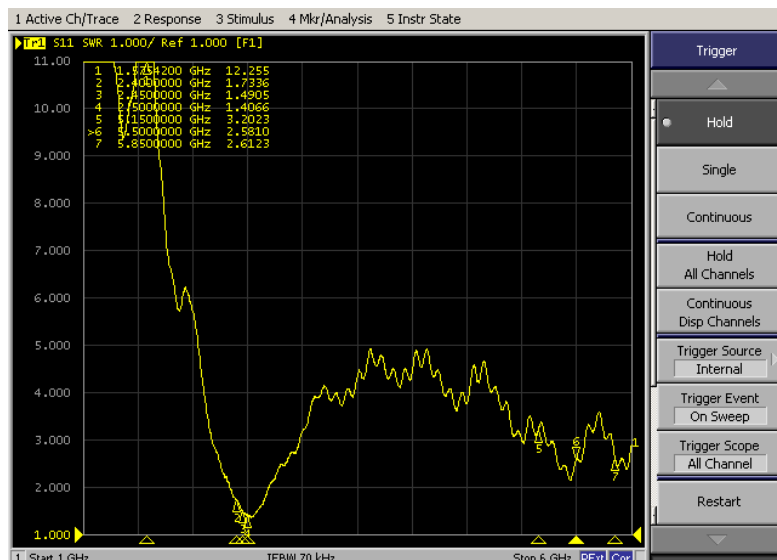
1. Product Overview



WIFI

2. Test Result

2.1 WIFI Antenna VSWR/S11



2. Test Result

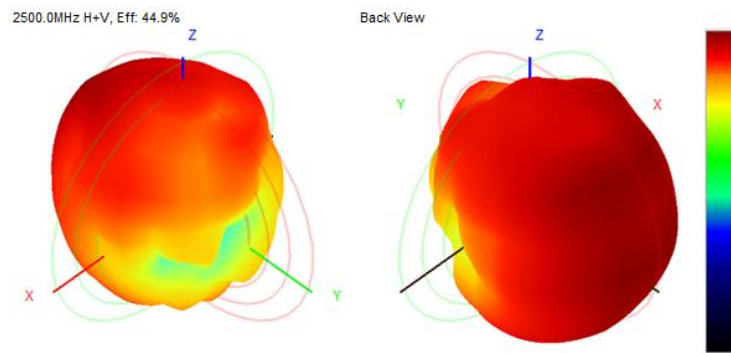
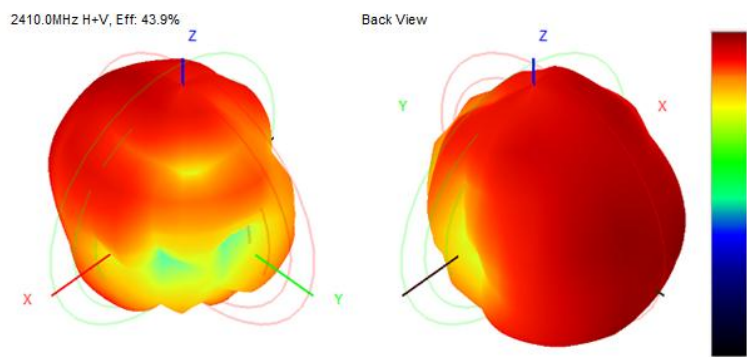
2.2 WIFI Antenna TRP/TIS

WIFI有源测试 1#			
频段	1	6	11
B-TRP-11MBps	13.9	14.45	15.44
B-TIS-11MBps	-80.06	-81.18	-81.48
G-TRP-54MBps	11.9	12.49	13.49
G-TIS-54MBps	-70.09	-70.92	-71.16
N-TRP-MCS7	11.85	12.5	13.31
N-TIS-MCS7	-68.43	-68.98	-69.82

2. Test Result

2.3 WIFI Antenna Gain/Efficiency/3D DATA

Frequency (MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Efficiency (dBi)	-3.61	-3.58	-3.28	-3.34	-3.38	-3.50	-3.35	-3.56	-3.45	-3.42	-3.48
Gain (dBi)	1.72	1.77	1.27	1.29	1.30	1.18	1.49	1.18	1.16	1.25	1.92
Efficiency (%)	43.57	43.88	46.95	46.32	45.97	44.67	46.29	44.07	45.23	45.53	44.85



3. Conclusions

谢谢！