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Customer:

Project: S11

Product: WIFI Antenna—FPC

Report date: 2024.10.14

Prepared by :

Checked by :

Approved by :



Purpose

This report aims to measure the performance of the main antenna SLK. All measure data are showed below.

Content

1. Test Result

1.1 VSWR/S11

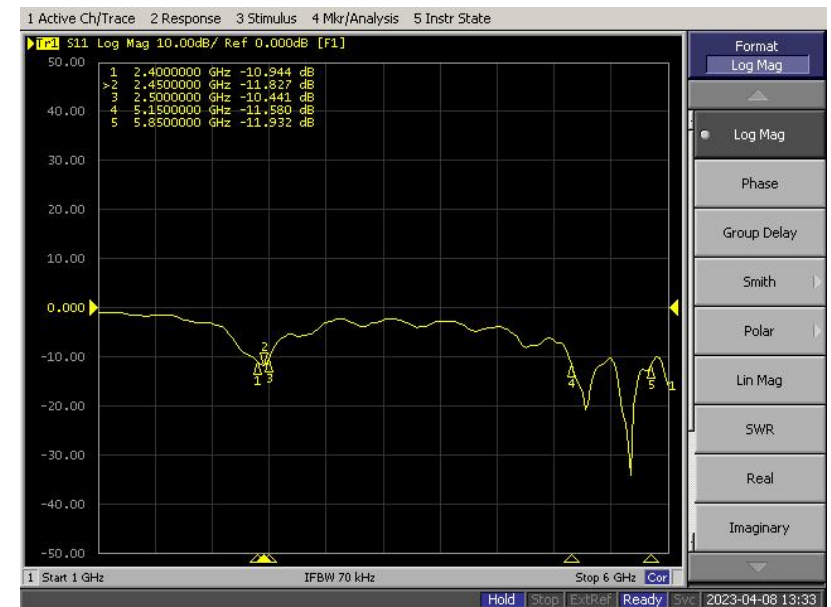
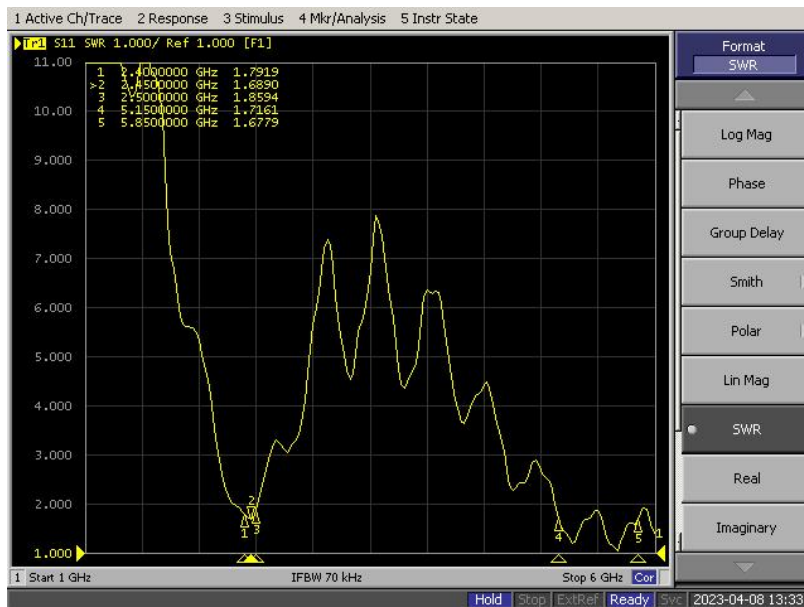
1.2 WIFI Antenna Gain/Efficiency/3D DATA

1.3 WIFI Antenna Drawing

2. Conclusions

1. Test Result

1.1 VSWR/S11

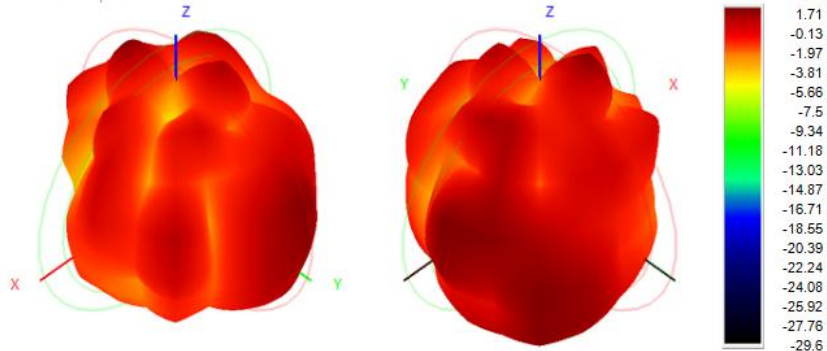


1. Test Result

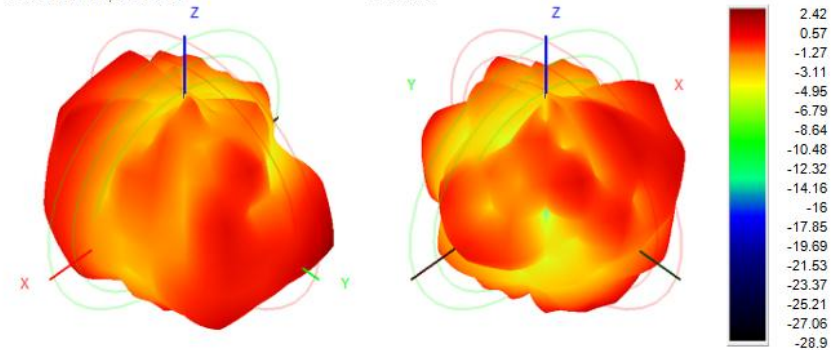
1.2 WIFI Antenna Gain/Efficiency/3D DATA

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	5250.0	5750.0	5850.0
Efficiency (dBi)	-2.87	-2.98	-3.01	-2.91	-2.93	-3.12	-3.32	-3.46	-3.45	-3.28	-3.51	-4.05	-4.24	-3.63	-4.00
Gain (dBi)	2.26	2.09	2.15	2.15	2.03	1.71	1.49	1.54	1.60	1.85	1.71	2.23	1.48	2.82	2.42
Efficiency (%)	51.67	50.38	50.00	51.15	50.96	48.71	46.53	45.06	45.15	46.96	44.56	39.36	37.63	43.31	39.85

2450.0MHz H+V, Eff: 48.7%

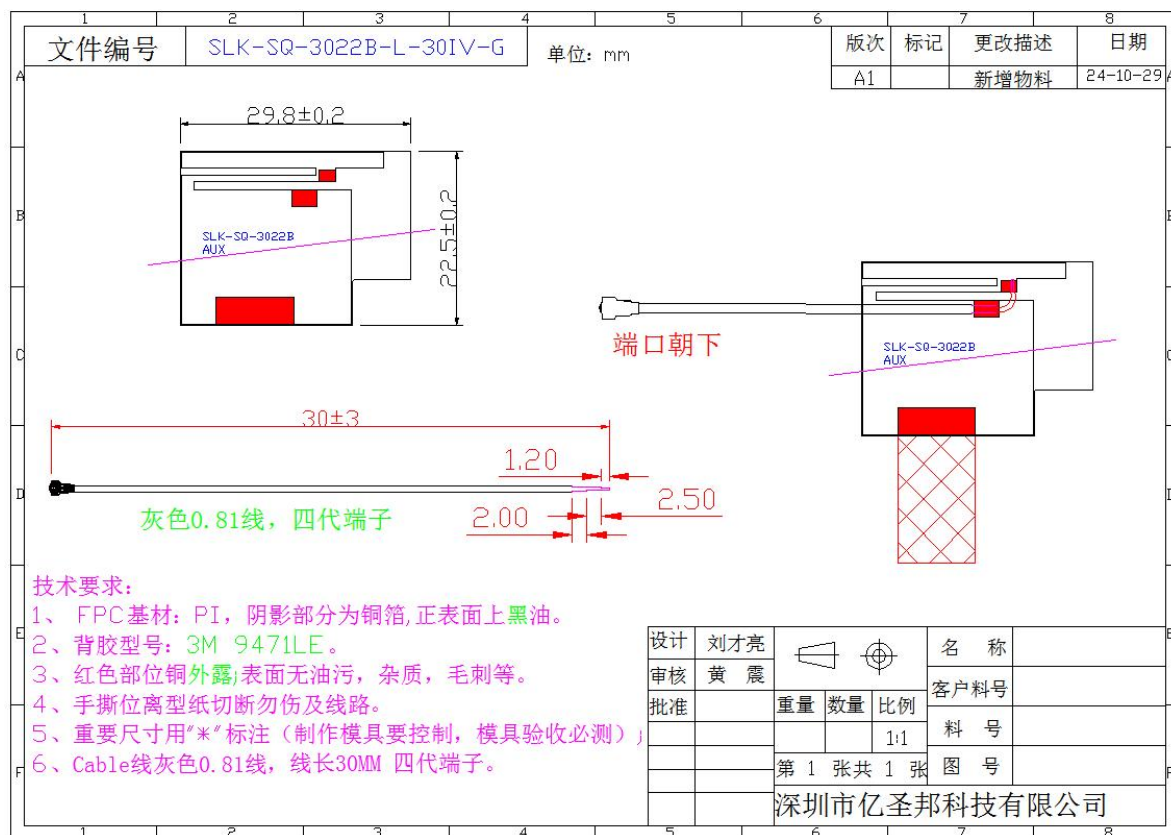


5850.0MHz H+V, Eff: 39.9%



1. Test Result

1.3 WIFI Antenna Drawing





2. Conclusions

Thank you