

Shenzhen Yishengbang Technology Co. LTD

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Antenna Test Report

Customer: KEJINMING

Project: 805

Product: BT/WIFI Antenna—

FPC Report date: 2023-08-12

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Checked by : Eason Huang

Approved by :



Purpose

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

Content

1.Test Result

1.1 BT/WIFI Antenna Gain/Efficiency/3D

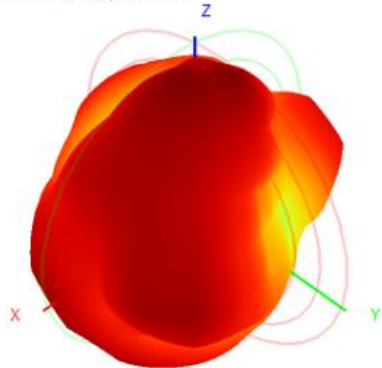
DATA 2. Conclusions

1. Test Result

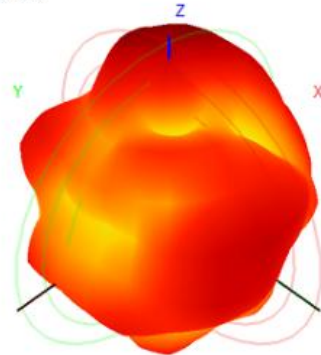
1.1 BT Antenna Gain/Efficiency/3D DATA

Frequency (MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0	
Efficiency (dBi)	-2.31	-2.24	-2.30	-1.99	-2.02	-2.12	-2.27	-2.25	-2.16	-2.01	-2.17	
Gain (dBi)	2.80	2.92	2.91	3.42	3.67	3.78	3.66	3.88	3.75	3.83	3.90	
Efficiency (%)	58.75	59.74	58.92	63.18	62.84	61.44	59.28	59.56	60.81	62.98	60.71	

2450.0MHz H+V, Eff: 61.4%



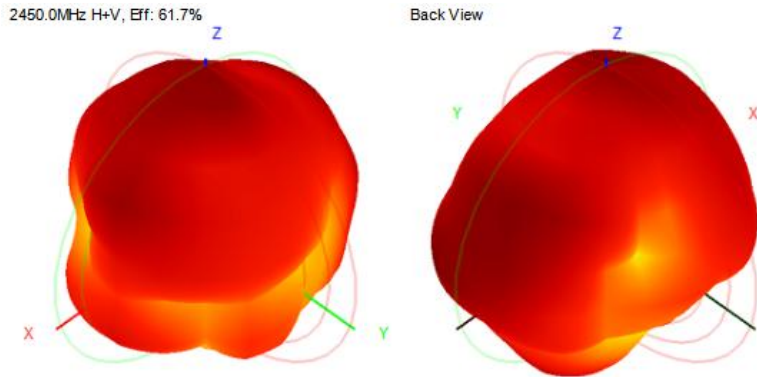
Back View



1. Test Result

1.1 WIFI Antenna Gain/Efficiency/3D DATA

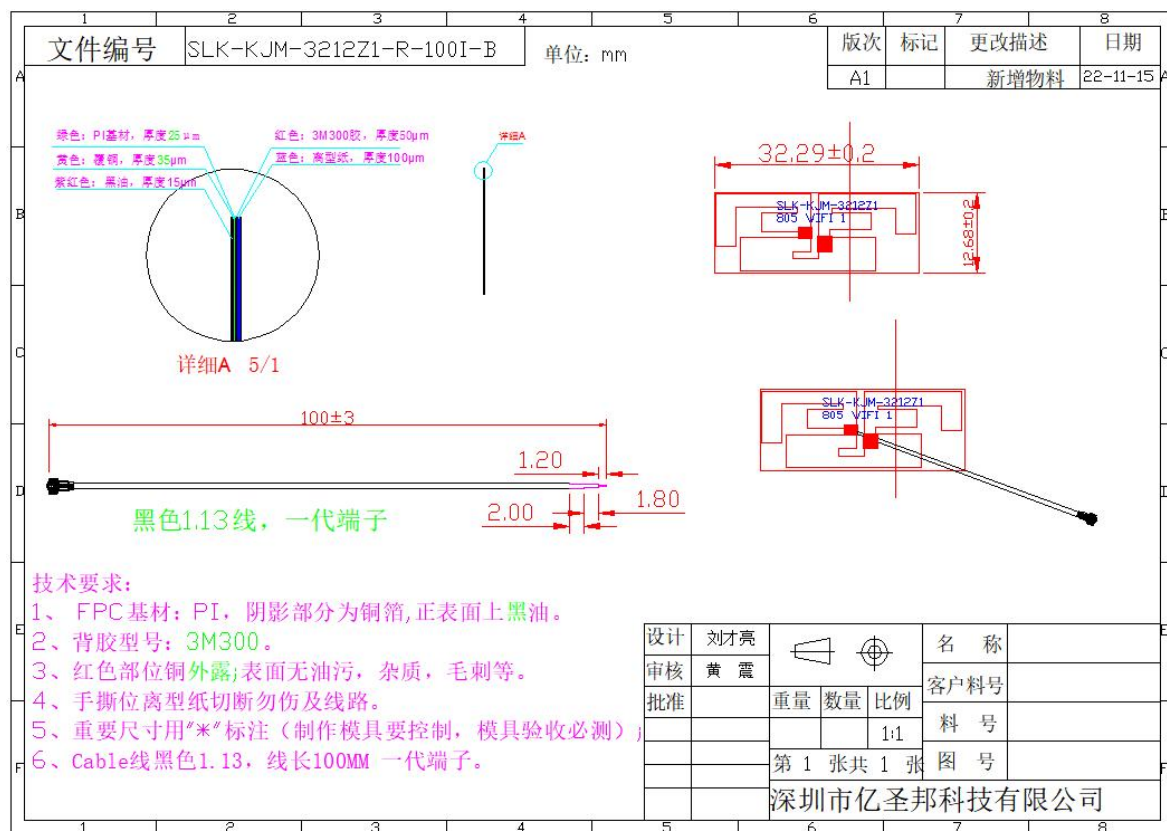
Frequency (MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0
Efficiency (dBi)	-2.27	-2.27	-2.40	-2.07	-2.04	-2.10	-2.29	-2.25	-2.23	-2.14	-2.33
Gain (dBi)	2.92	2.90	2.60	3.02	3.11	3.02	2.94	3.33	3.24	3.60	3.83
Efficiency (%)	59.28	59.28	57.51	62.09	62.57	61.71	59.00	59.61	59.91	61.11	58.53



2. Test Result

2.6 Antenna Size

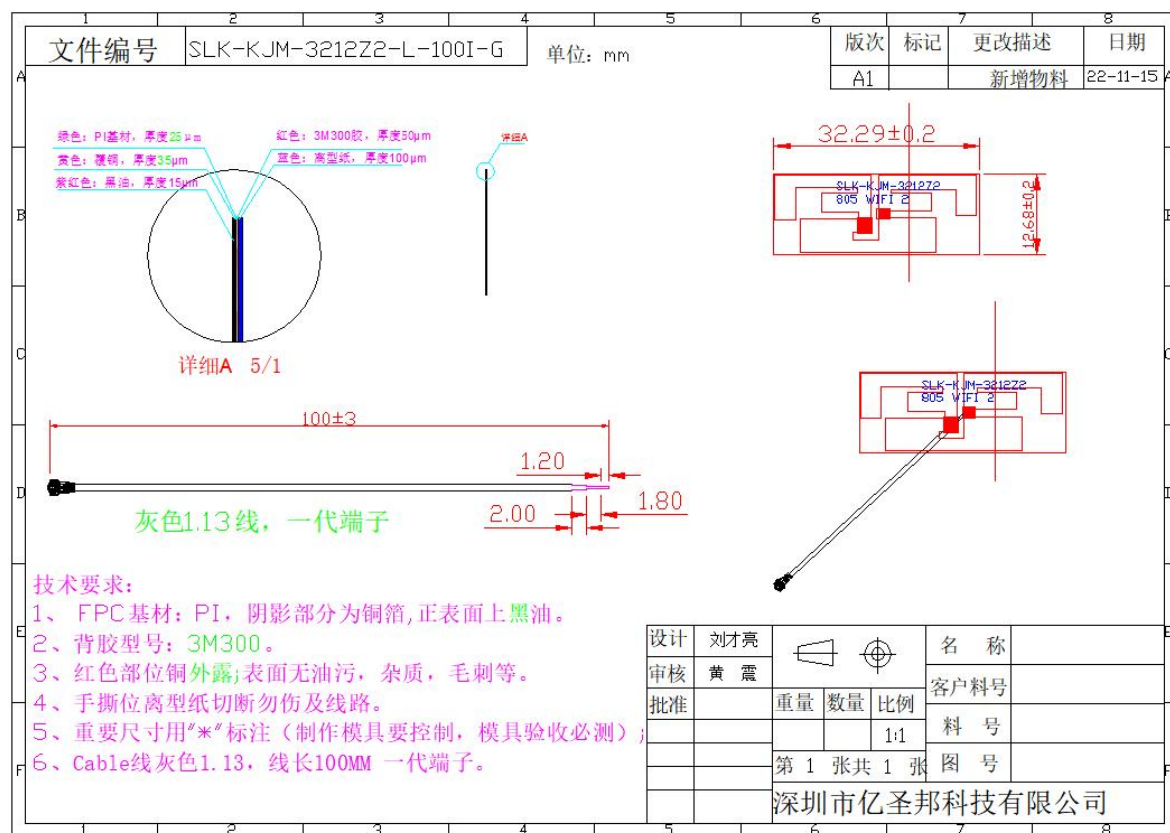
BT



2. Test Result

2.6 Antenna Size

WiFi





2. Conclusions

Thank you