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Antenna Specifications

WIFI 1 Model: SLK-YD-3212A

WIFI 2 Model: SLK-YD-3212B

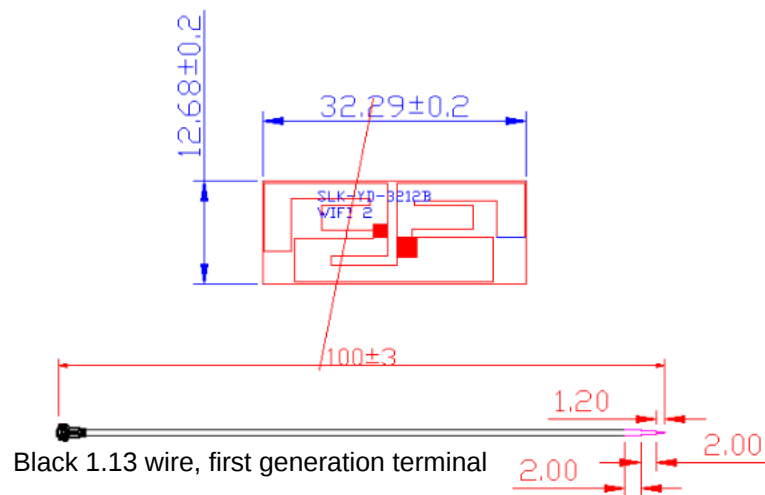
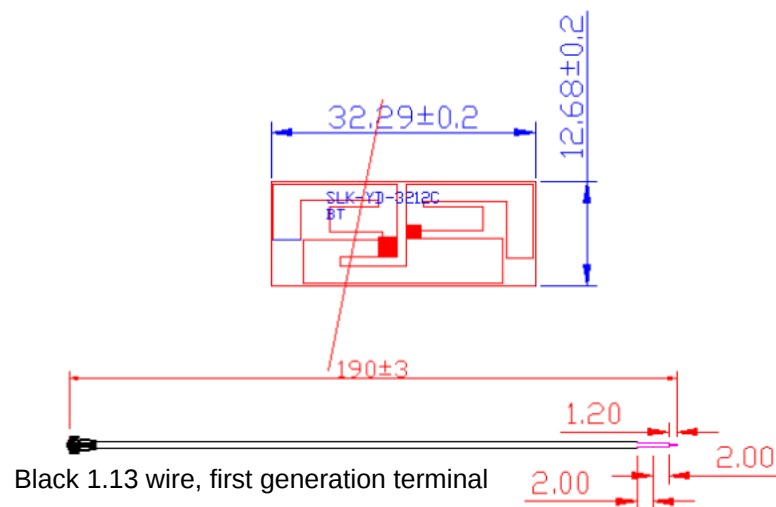
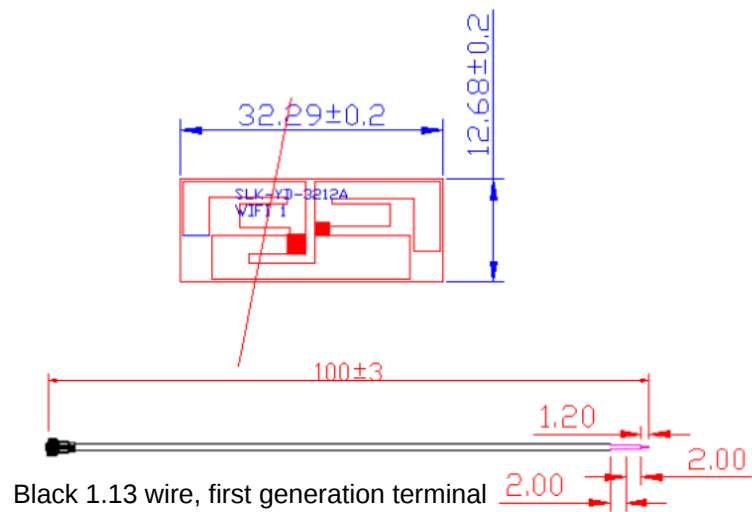
BT Model: SLK-YD-3212C

Product: WIFI

Report date: 2025-3-11

Antenna size

Unit: mm





Purpose

This report is to measure the performance of SLK for Master Antenna on亿东. All measure data are showed below.

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1. Test Result

- 1.1 WIFI 1 Antenna VSWR

- 1.2 WIFI 1 Antenna Gain/Efficiency/3D DATA

- 1.3 WIFI 2 Antenna VSWR

- 1.4 WIFI 2 Antenna Gain/Efficiency/3D DATA

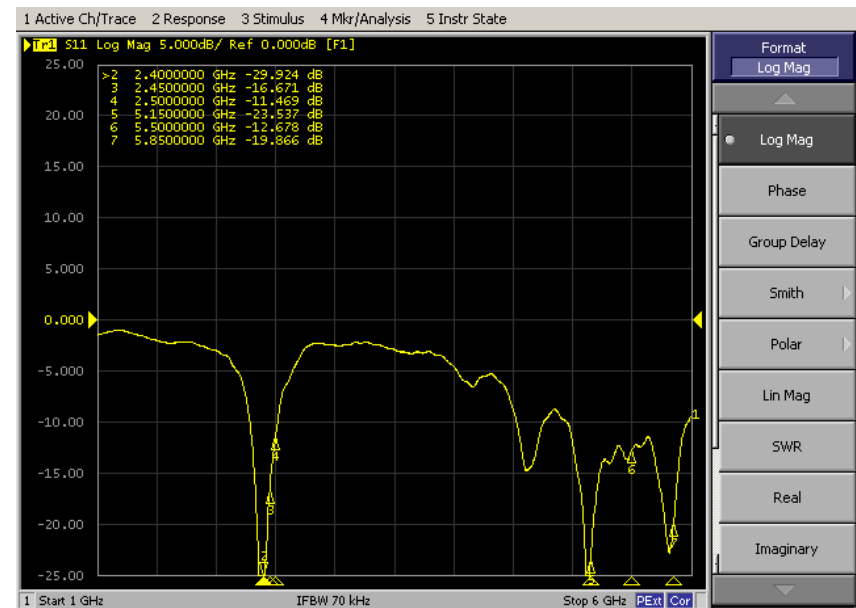
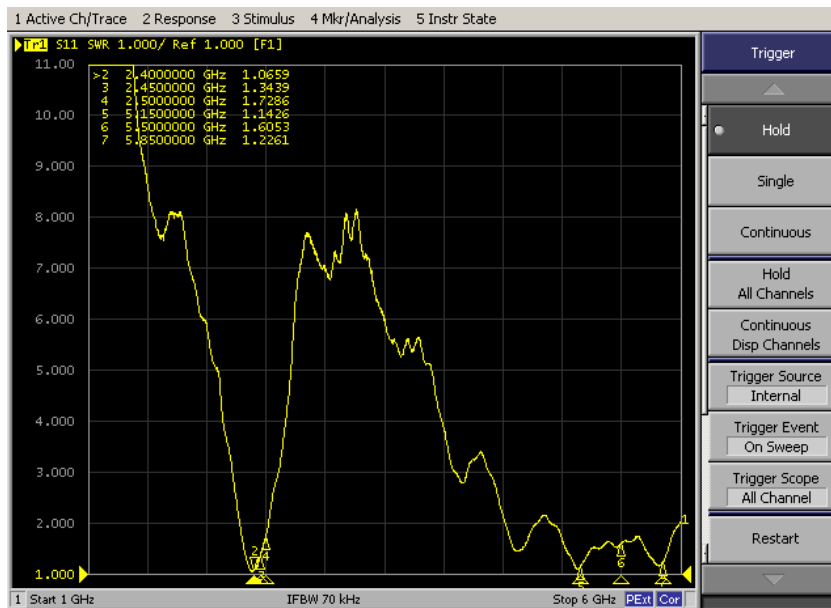
- 1.5 BT Antenna VSWR

- 1.6 BT Antenna Gain/Efficiency/3D DATA

2. Conclusions

1. Test Result

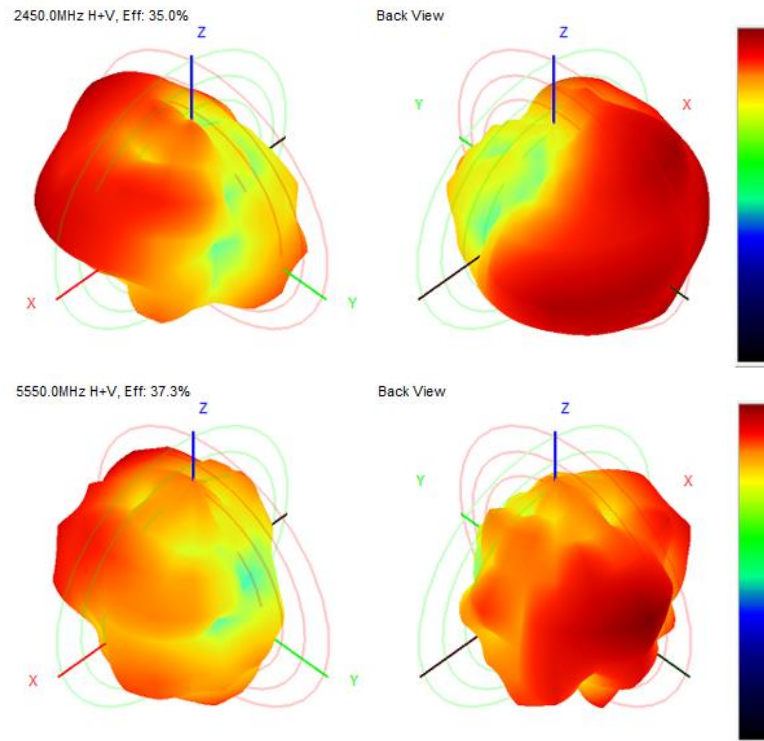
1.1 WIFI 1 Antenna VSWR



1. Test Result

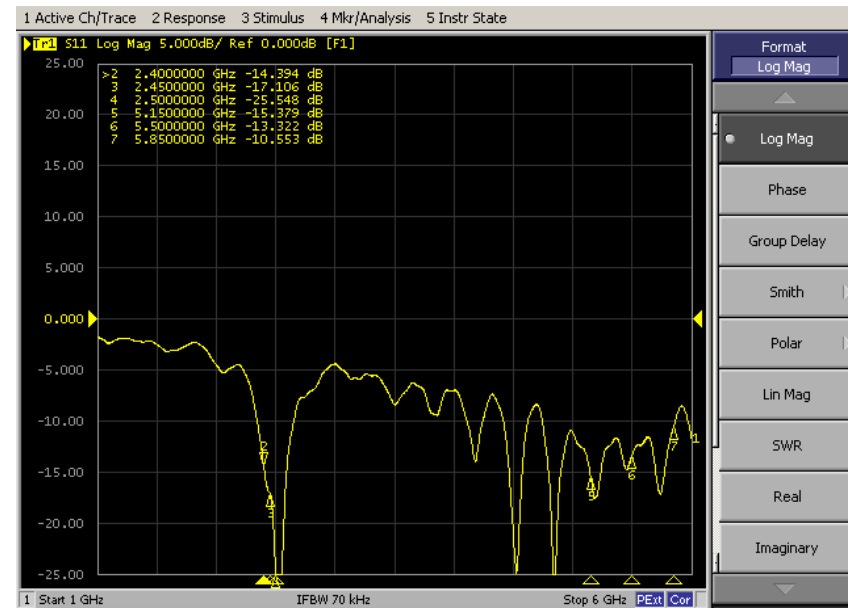
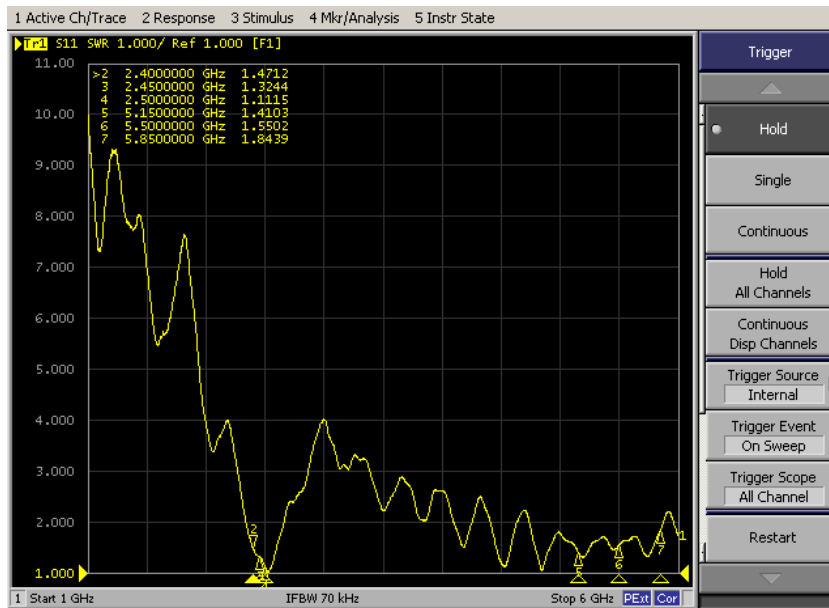
1.2 WIFI Antenna Gain/Efficiency/3D DATA

Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
2400	-4.61	1.63	34.55
2410	-4.42	1.67	36.11
2420	-4.35	1.84	36.69
2430	-4.53	1.01	35.19
2440	-4.63	1.20	34.41
2450	-4.56	1.49	34.98
2460	-4.80	1.92	33.11
2470	-4.69	1.73	33.94
2480	-4.57	1.80	34.88
2490	-4.73	1.64	33.63
2500	-4.86	1.14	32.63
5150	-4.22	2.15	37.82
5350	-4.31	2.79	37.02
5550	-4.28	2.95	37.29
5750	-4.41	2.71	36.19
5850	-4.40	2.75	36.28



1. Test Result

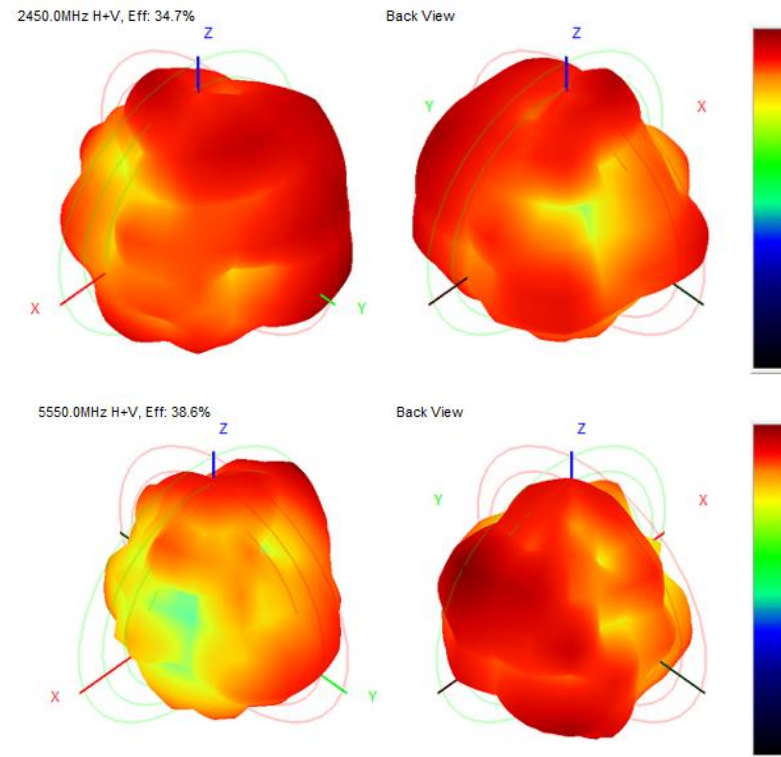
1.3 WIFI 2 Antenna VSWR



1. Test Result

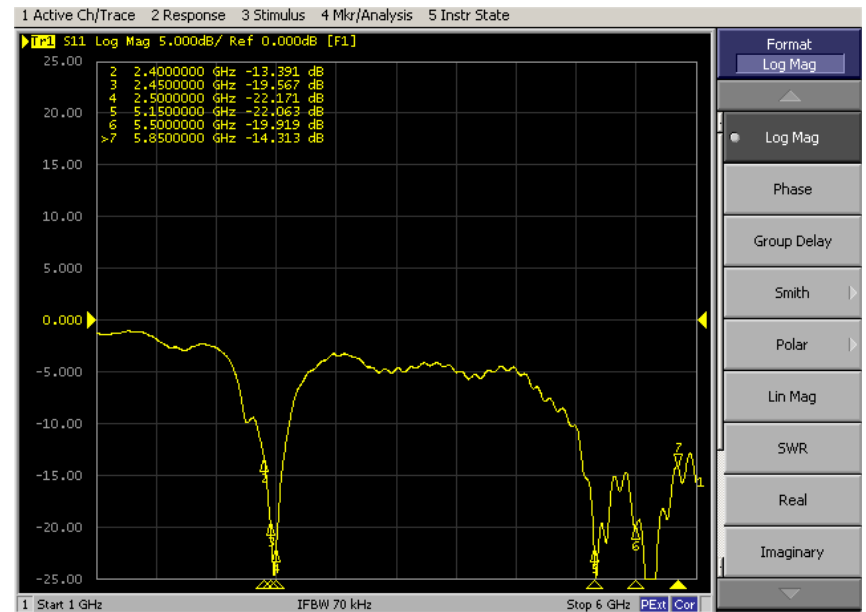
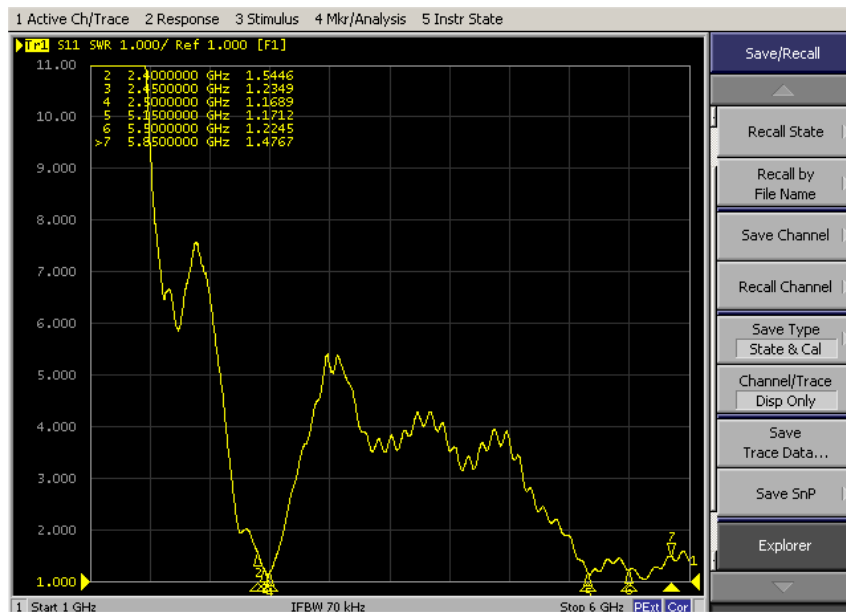
1.4 WIFI 2 Antenna Gain/Efficiency/3D DATA

Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
2400	-4.56	1.70	34.93
2410	-4.79	1.52	33.14
2420	-4.73	1.59	33.65
2430	-4.90	1.30	32.33
2440	-4.61	1.13	34.59
2450	-4.59	1.38	34.72
2460	-4.44	1.77	35.97
2470	-4.59	1.60	34.69
2480	-4.59	1.67	34.71
2490	-4.73	1.41	33.65
2500	-4.71	1.11	33.79
5150	-4.28	2.82	37.28
5350	-4.31	2.93	37.00
5550	-4.13	2.48	38.62
5750	-4.50	2.17	35.41
5850	-4.44	2.34	35.96



1. Test Result

1.5 BT Antenna VSWR

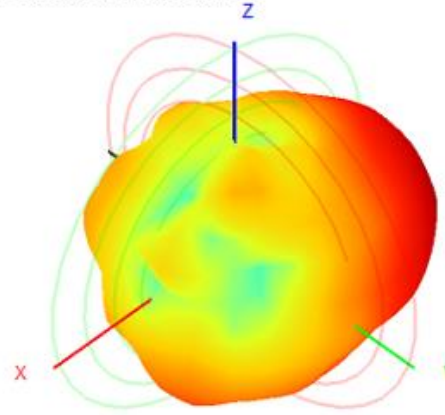


1. Test Result

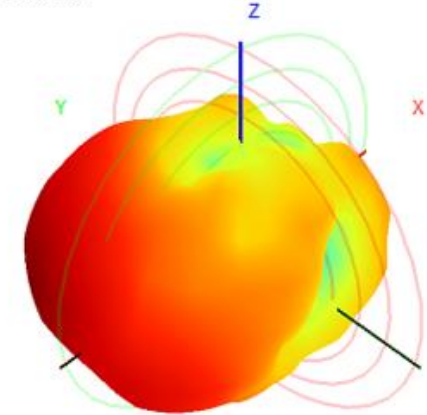
1.6 BT Antenna Gain/Efficiency/3D DATA

Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
2400	-4.58	1.23	34.81
2410	-4.55	1.43	35.04
2420	-4.63	1.52	34.36
2430	-4.63	1.65	34.42
2440	-4.68	1.43	33.98
2450	-4.75	1.38	33.48
2460	-4.65	1.42	34.25
2470	-4.61	1.10	34.55
2480	-4.80	1.03	33.04
2490	-4.55	1.98	35.01
2500	-4.82	1.85	32.95

2450.0MHz H+V, Eff: 33.5%



Back View





2. Conclusions

THANK YOU!