



Kaidixi TE011W

Antenna Test Report

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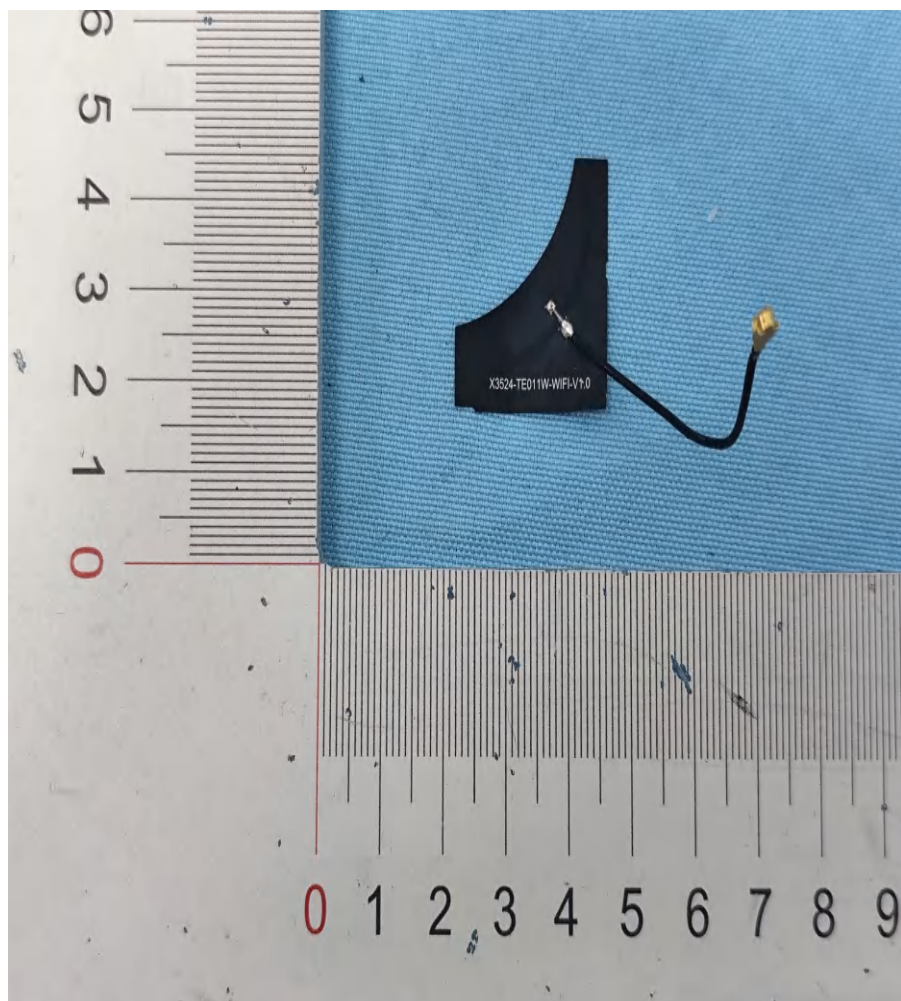
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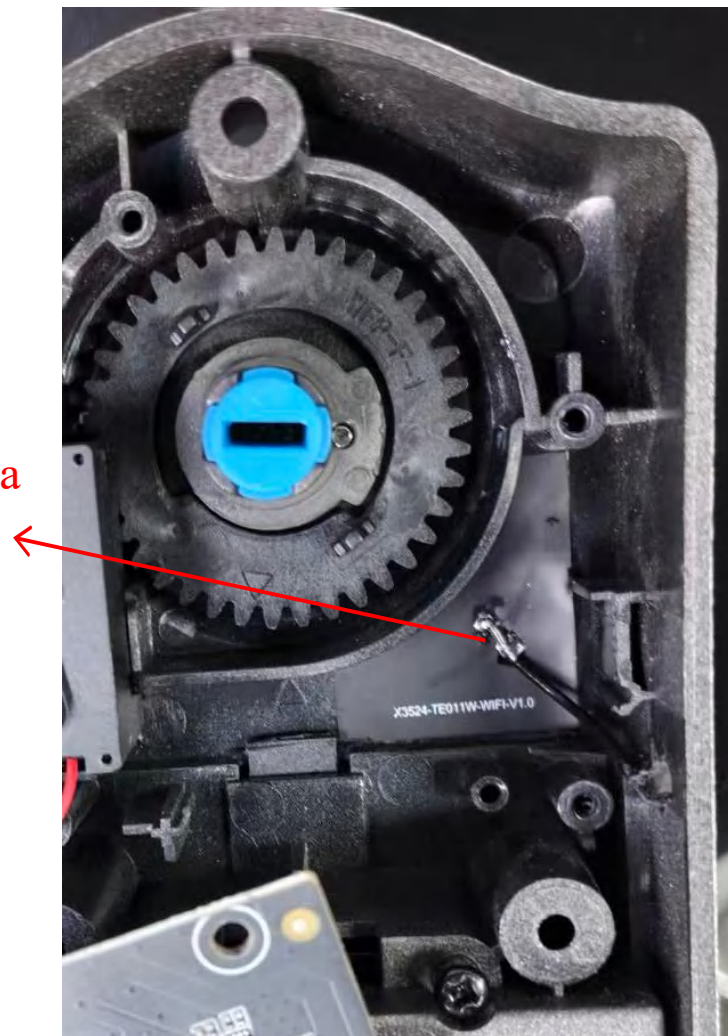
Date: 2025.12.19



Project Overview



antenna



Prototype Schematic

Company Introduction | **Honest · Proactive · Resilient**

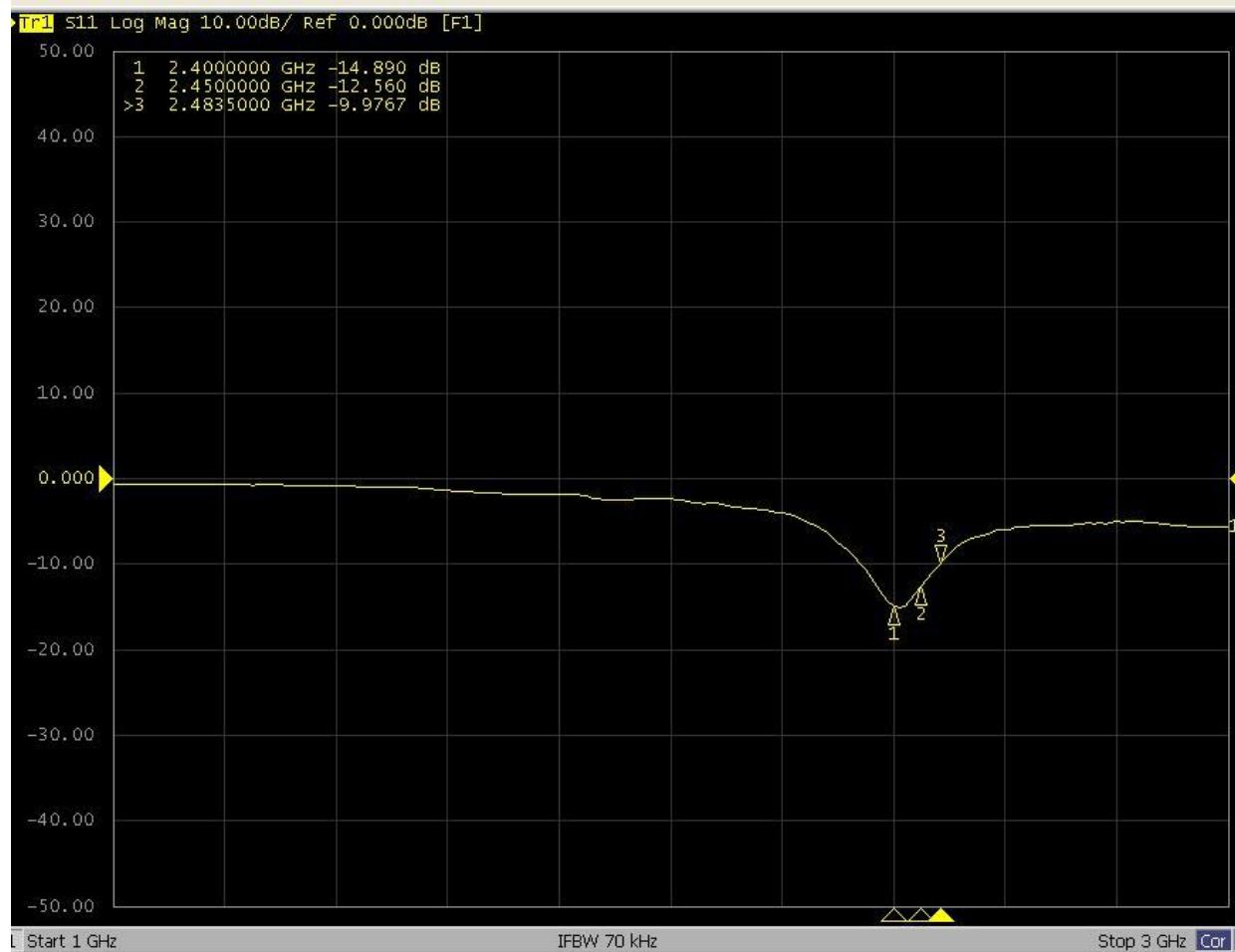


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Antenna performance
testing



Passive Testing



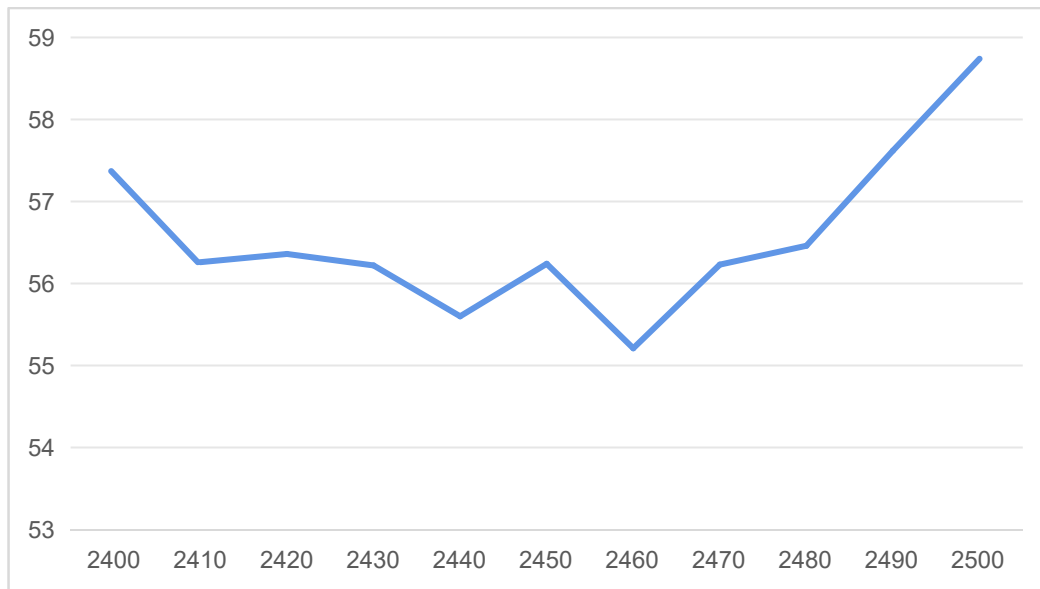
Echo loss **S11**



Passive efficiency testing



- 2.4G efficiency



Frequency (MHz)	Efficiency (dB)	Gain (dBi)	Efficiency (%)
2400	-2.26	3.08	57.37
2410	-2.15	3	56.26
2420	-2.19	2.99	56.36
2430	-2.2	3.01	56.22
2440	-2.18	1.56	55.6
2450	-2.09	1.41	56.24
2460	-2.06	1.37	55.21
2470	-2.02	1.64	56.23
2480	-1.95	2.09	56.46
2490	-1.93	2.31	57.62
2500	-1.81	2.58	58.74



Active testing

- OTA data-WIFI



Band	Channel	Frequency range	TRP	TIS
802.11b 2.4GHz(11 Mbps)	1	2412	13.95	-83.54
	7	2442	14.09	-83.32
	13	2472	14.22	-83.60