

Mini Bluetooth
规格承认书

客户名称 / Customer	Insta360
供应商 / Supplier	Shenzhen Zhongtianxun Communication Technology Co., LTD
供方料号 / Supplier P/N.	1.10.000093
时间 / Time	2026年6月17日
版本 / Version	A0
型号/Model No.	

供应商会签 Approval			
批准 Approval	品质承认 QA Approval	工程承认 PE Approval	研发承认 RD Approval
Guohua. Zou	Lei. Cheng	Youjie. Ke	Pei. Wang

客户承认 Customer Approval			
批准 Approval	品质承认 QA Approval	研发承认 RD Approval	采购承认 PUR Approval

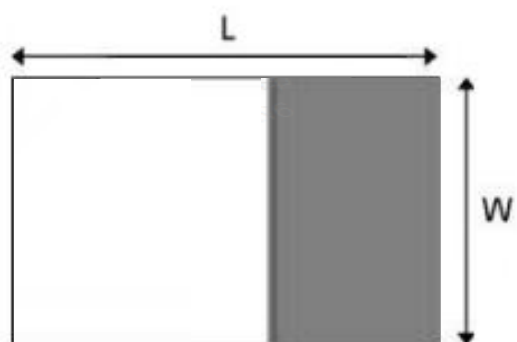
Note: Co-signing requires manual signature confirmation;

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■ 形状和尺寸(单位: mm)

Shapes And Dimensions Dimensions in mm



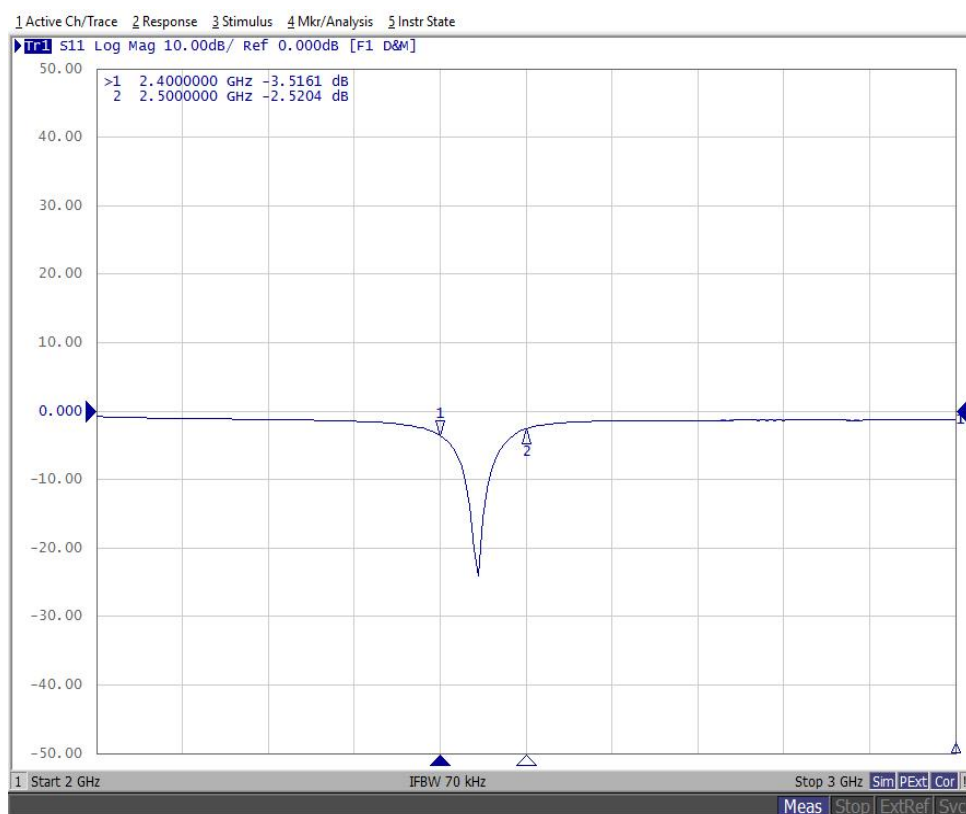
L	W	H
3.10 ± 0.10	1.55 ± 0.10	0.55 ± 0.1



Basic Specifications

Specification	Descriptions
Model Name	CA-2450-31-C
Frequency	2.4~2.5GHz
Connector Type	Ceramic antenna
Gain	-0.88dBi@2.4~2.5GHz
Antenna manufacturer company name	Shenzhen Zhongtianxun Communication Technology Co.,LTD
Antenna manufacturer company address	No.34,ShilongAvenue,ShiyanTown,BaoanDistrict,Shenzhen (TengdaIndustrialPark)

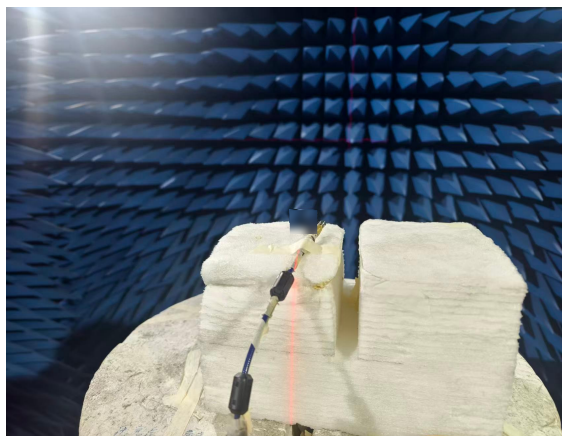
S11



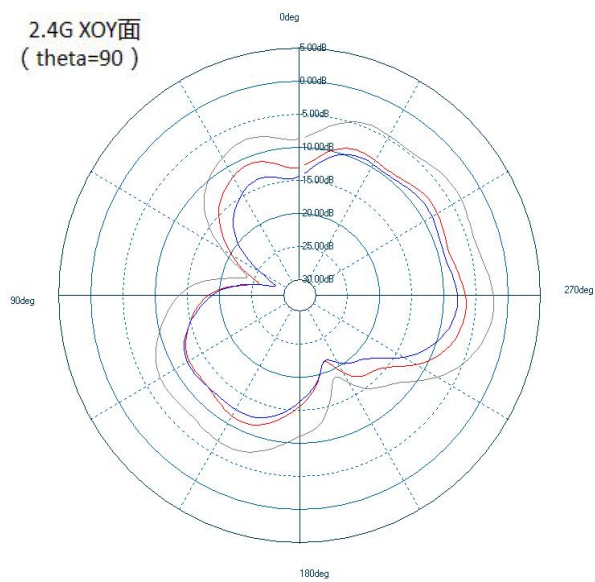
Gain&Efficiency

Frequency (MHz)	Efficiency	Efficiency . dB	Gain . dB
2400	7%	-11.37	-4.74
2410	9%	-10.23	-3.63
2420	13%	-8.94	-2.38
2430	16%	-7.94	-1.55
2440	19%	-7.27	-0.88
2450	18%	-7.34	-0.88
2460	16%	-8.09	-1.32
2470	12%	-9.23	-3.07
2480	9%	-10.50	-4.11
2490	7%	-11.71	-5.01
2500	5%	-12.99	-6.40

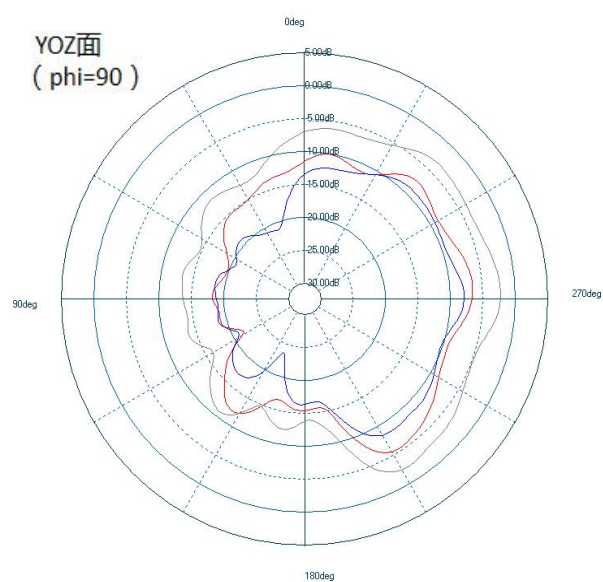
2D/3D Radiation pattern



2.4G XOY面
($\theta=90^\circ$)



YOZ面
($\phi=90^\circ$)



XOZ面
($\phi=0^\circ$)

