

TRC 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.	1.20.000172
时间 / Time	2026年2月3日
版本 / Version	A0
型号/Model No.	TRC

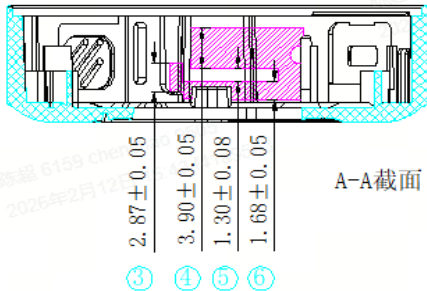
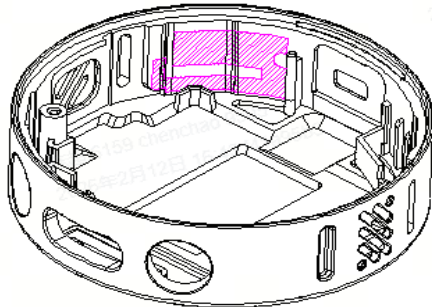
供应商会签 Approval			
批准 Approval	品质承认 QA Approval	工程承认 PE Approval	研发承认 RD Approval
邹国华	程磊	柯友杰	王佩

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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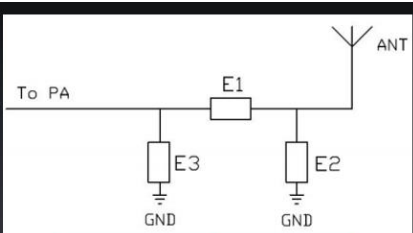
1		2		3		4		5		6		7		8			
Name		Material Description		Note		Drawing Number:ZTX-QR-RD-013				Rev		Description		Designed		Date	
Antenna		Plating thickness: Cu: 8-12 μm; Ni: 2-6 μm		The diagonal lines are filled with LDS antennas						V1		First release		Ke youjie		2026.02.03	
Supporting frame		Black		/													
A																	
B																	
C																	
D																	

Basic Specifications

Specification	Descriptions
Model Name	TRC TX
Frequency	2.4~2.483GHz
Connector Type	shrapnel
Gain	1.83dBi
Antenna manufacturer company name	Shenzhen Zhongtianxun Communication Technology Co.,LTD
Antenna manufacturer company address	No.34,Shilong Avenue,Shiyan Town,Baoan District,Shenzhen, (Tengda Industrial Park)

matching circuit

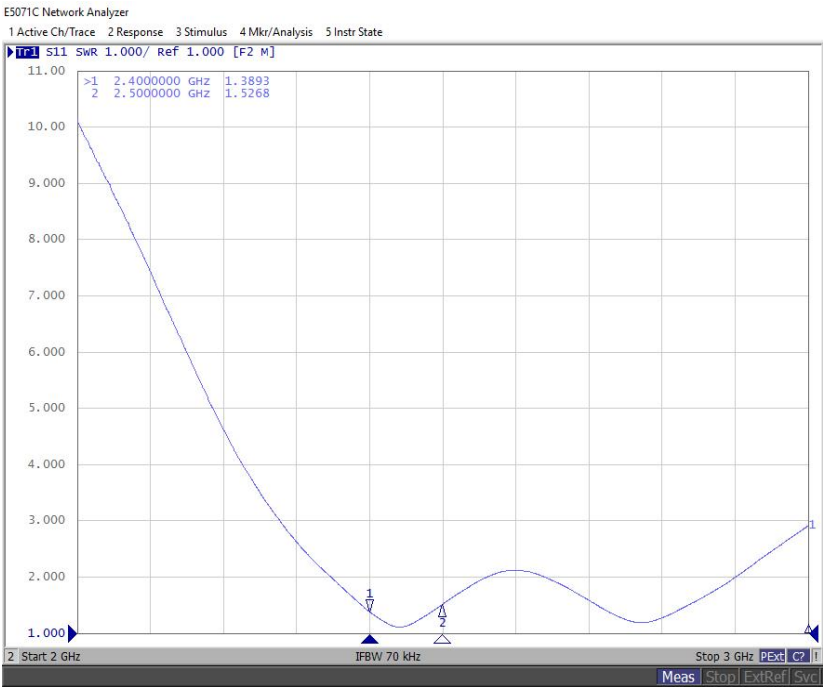




TX天线匹配	
E1	0Ω
E2	NC
E3	NC

OTA

BT (CORE0)	Channel	TRP	TIS
BR 1M	0	8.08	-87.04
	19	8.49	-87.26
	39	8.81	-87.39
BT (CORE0)	Channel	TRP	TIS
BR 1M	0	8.13	-87.03
	19	8.33	-87.39
	39	8.76	-87.81
BT (CORE0)	Channel	TRP	TIS
BR 1M	0	7.96	-86.7
	19	8.23	-87.05
	39	8.68	-87.43



Gain&Efficiency

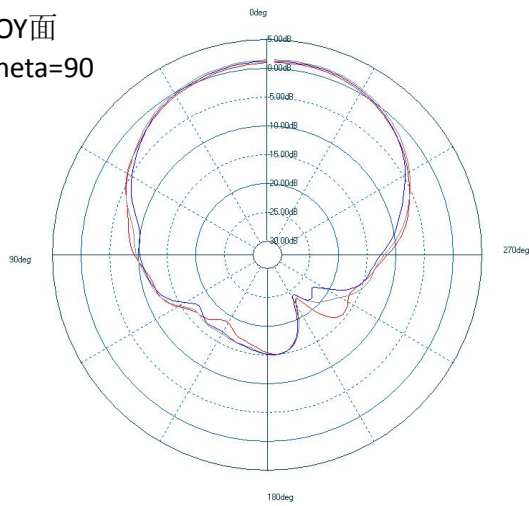


2D/3D Radiation pattern

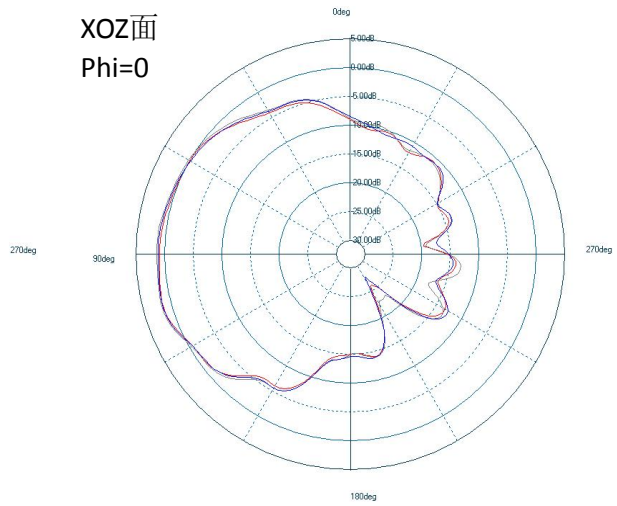


2.4G LX Radiation pattern

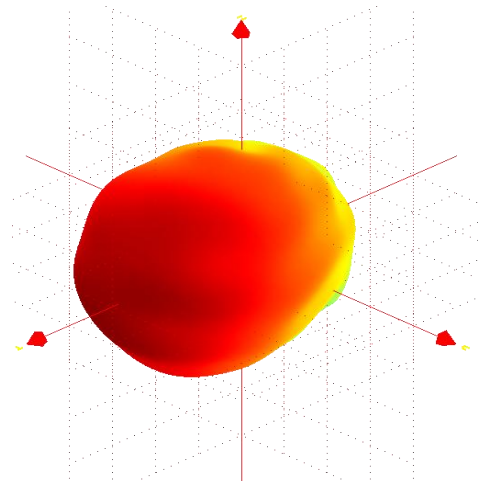
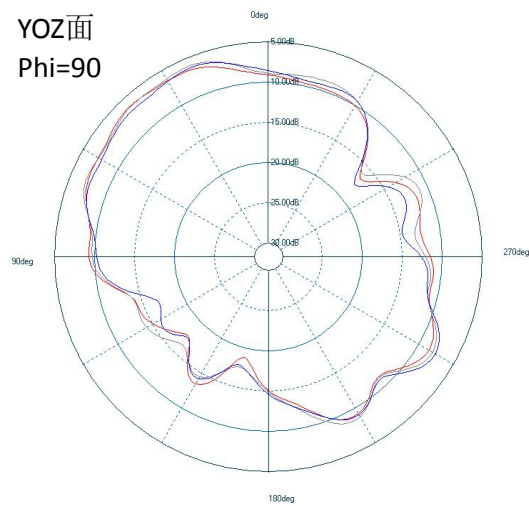
XOY面
Theta=90



XOZ面
Phi=0

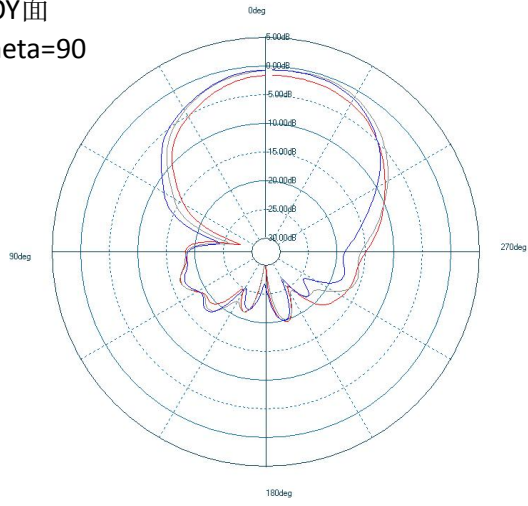


YOZ面
Phi=90

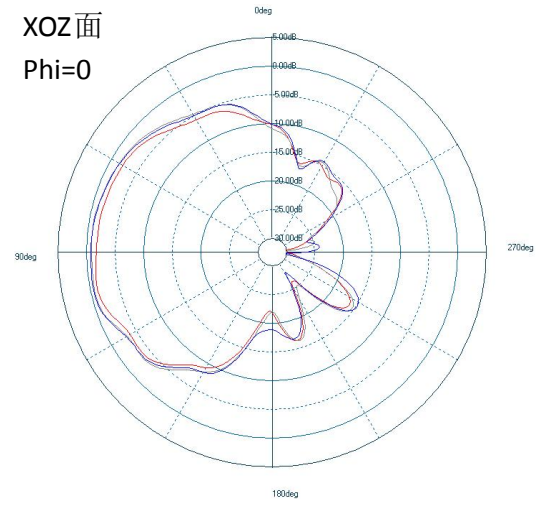


2.4G LX vertical polarization radiation pattern

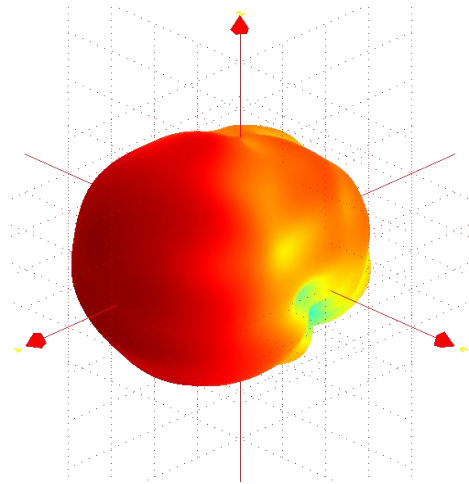
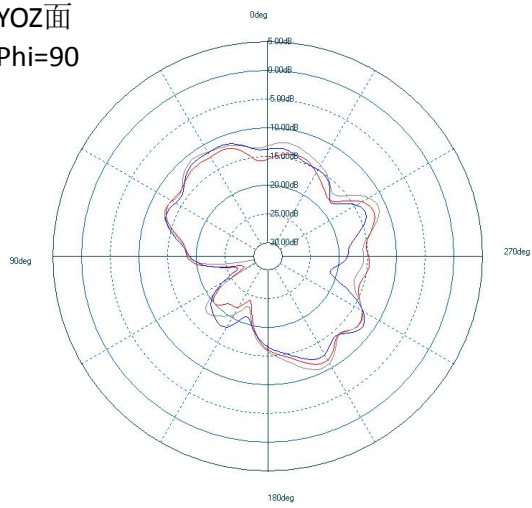
XOY面
Theta=90



XOZ面
Phi=0

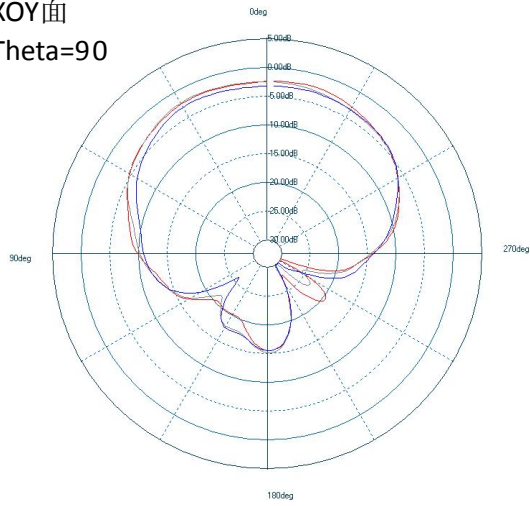


YOZ面
Phi=90

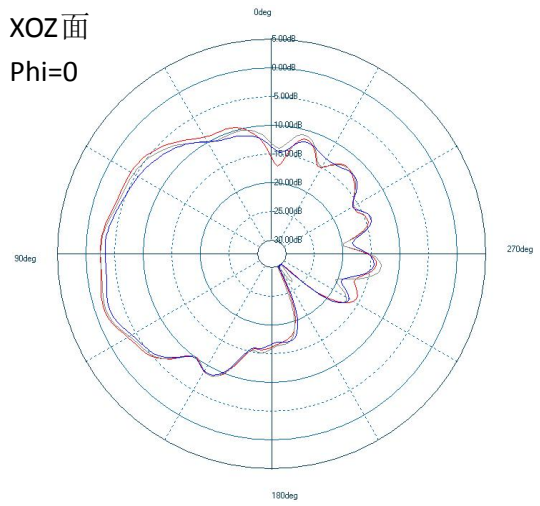


2.4G LX horizontally polarized radiation pattern

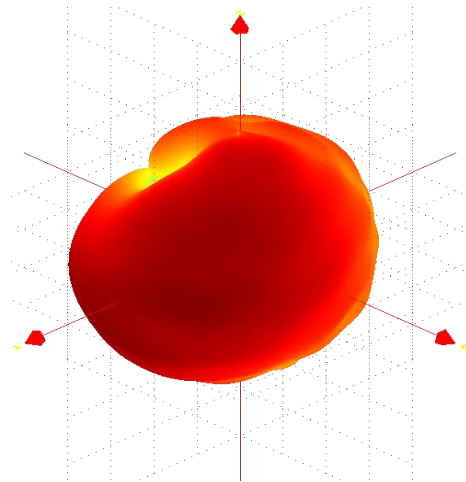
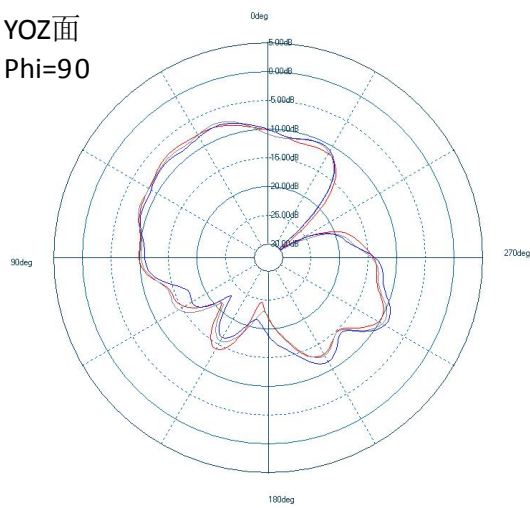
XOY面
Theta=90



XOZ面
Phi=0



YOZ面
Phi=90



Environment treatment

