

TRC 方形规格承认书

客户名称 / Customer	Insta360
供应商 / Supplier	Shenzhen Zhongtianxun Communication Technology Co., LTD
供方料号 / Supplier P/N.	1.20.000161
时间 / Time	2026年2月12日
版本 / Version	A0
型号/Model No.	TRC RX

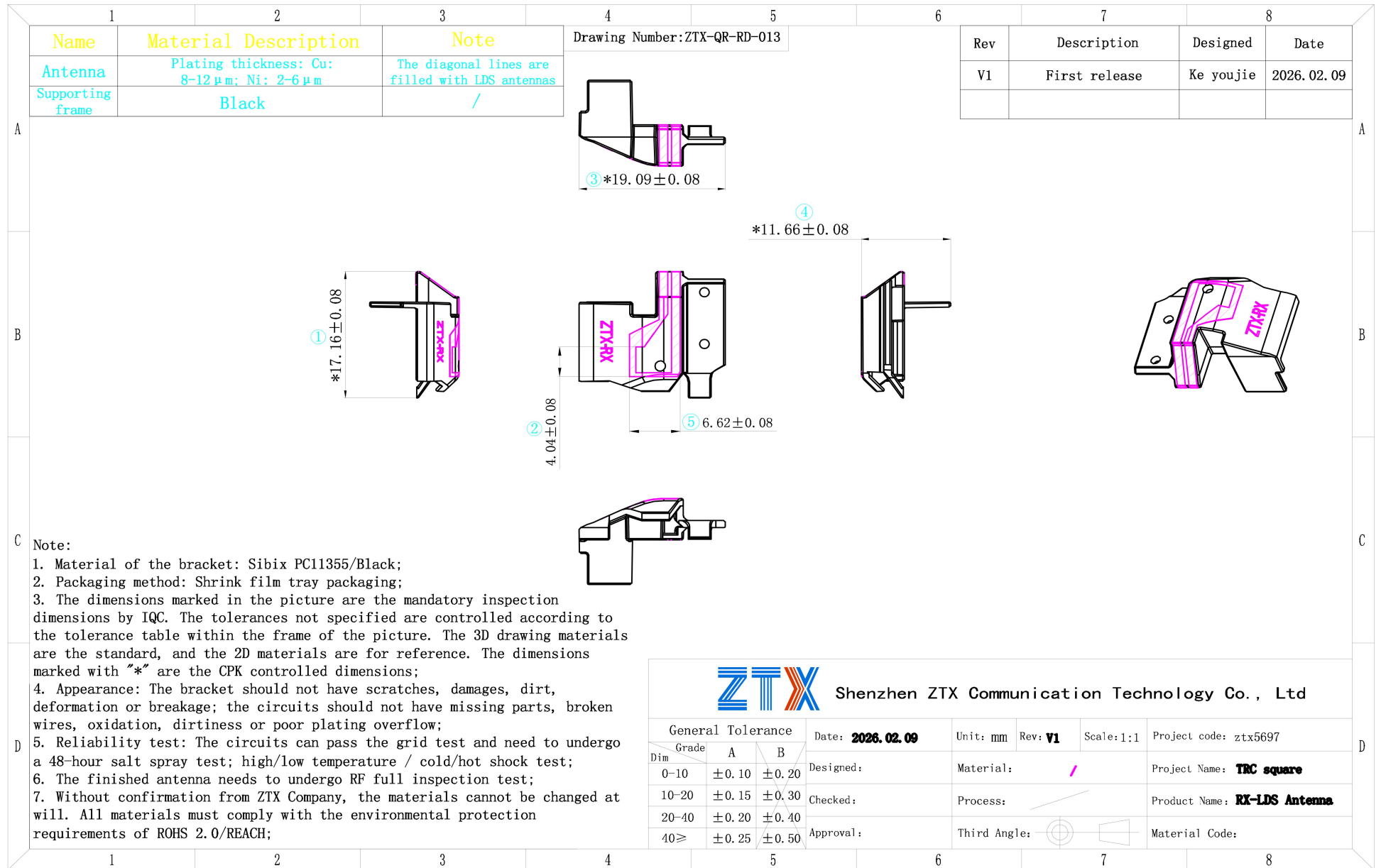
供应商会签 Approval			
批准 Approval	品质承认 QA Approval	工程承认 PE Approval	研发承认 RD Approval
邹国华	程磊	柯友杰	王佩

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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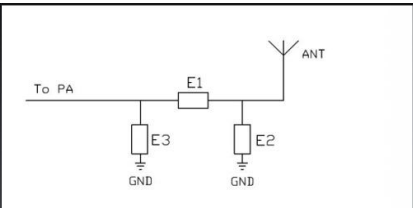


Basic Specifications

Specification	Descriptions
Model Name	TRC-RX
Frequency	2.4~2.483GHz
Connector Type	shrapnel
Gain	2.4~2.4835GHz
Antenna Manufacturer Company Name	Shenzhen ZhongtianxunCommunication TechnologyCo.,LTD
Antenna Manufacturer Company Address	No.34,ShilongAvenue,ShiyanTown,Baoan District,Shenzhen,(TengdaIndustrialPark)

matching circuit





LX天线匹配		RX天线匹配	
E1	0Ω	E1	0Ω
E2	NC	E2	0.5pf
E3	NC	E3	NC

OTA

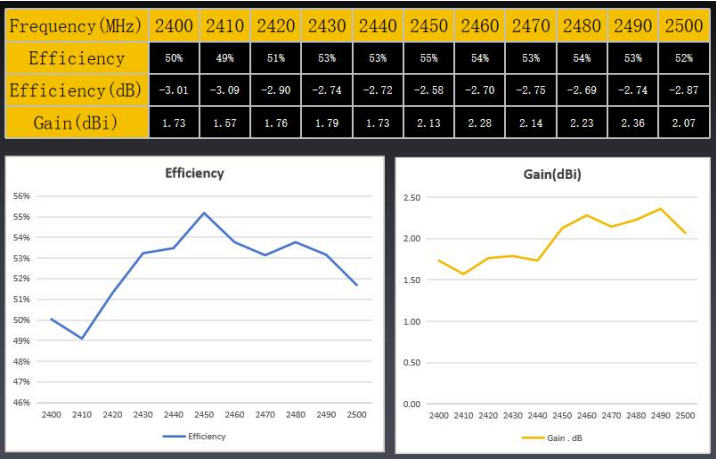
BLE (CORE0)	Channel	TRP	TIS
1M (uncoded PHY)	0	9.95	-60.02
	19	9.78	-59.57
	39	9.29	-59.35

BLE (CORE1)	Channel	TRP	TIS
1M (uncoded PHY)	0	10.18	-60.18
	19	9.83	-59.49
	39	9.39	-59.27

BLE (CORE0)	Channel	TRP	TIS
1M (uncoded PHY)	0	9.51	-60.19
	19	9.43	-59.67
	39	9.26	-59.08
BLE (CORE1)	Channel	TRP	TIS
1M (uncoded PHY)	0	10.05	-61.34
	19	9.78	-60.39
	39	9.45	-59.17
BLE (CORE0)	Channel	TRP	TIS
1M (uncoded PHY)	0	10.3	-60.07
	19	9.78	-59.34
	39	9	-58.31
BLE (CORE1)	Channel	TRP	TIS
1M (uncoded PHY)	0	10.43	-60.37
	19	9.96	-59.73
	39	9.34	-59.34



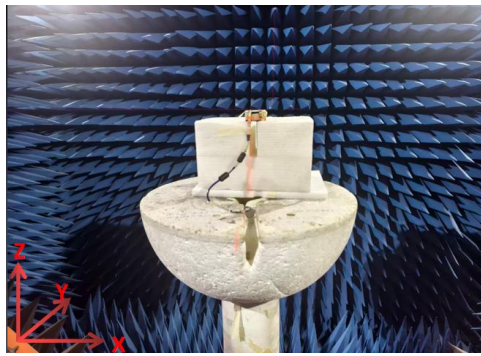
Gain&Efficiency



Antenna isolation degree

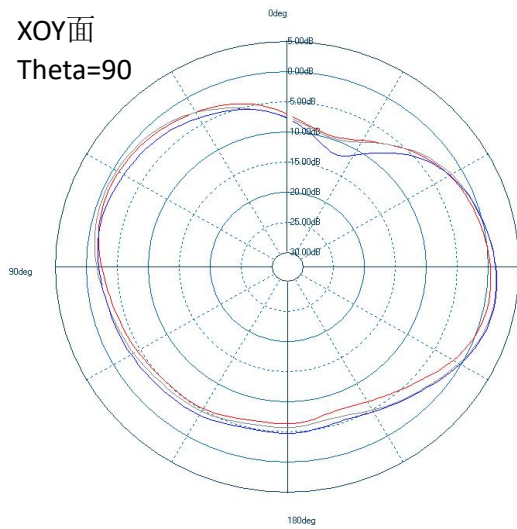


2D/3D Radiation pattern

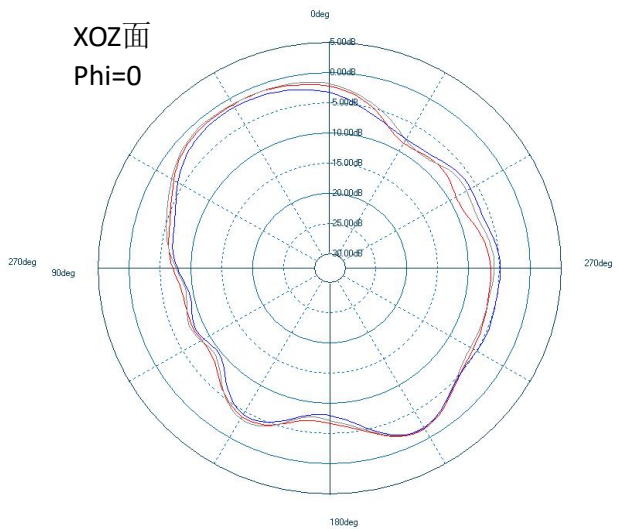


2.4G RX Radiation pattern

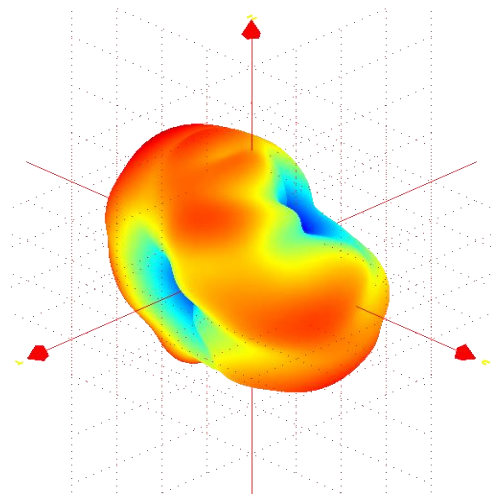
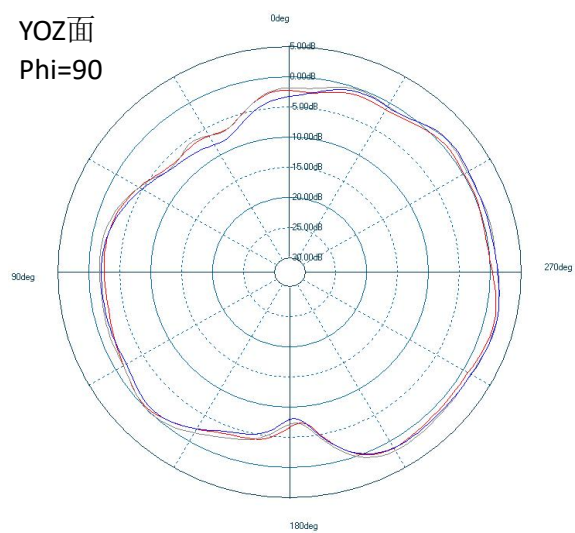
XOY面
Theta=90



XOZ面
Phi=0

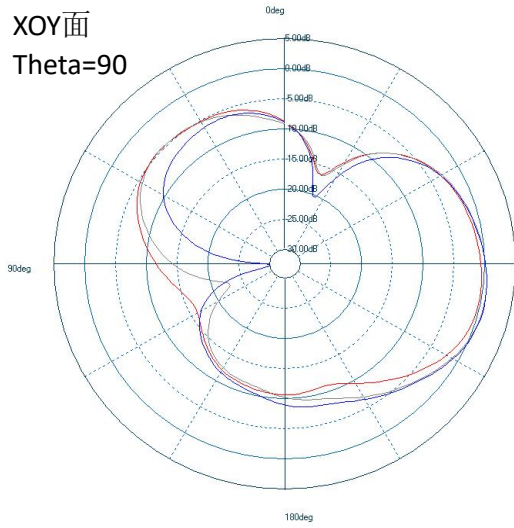


YOZ面
Phi=90

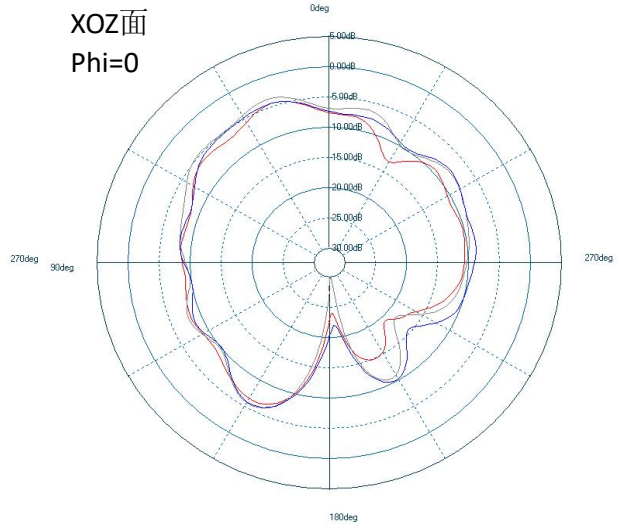


2.4G RX vertical polarization radiation pattern

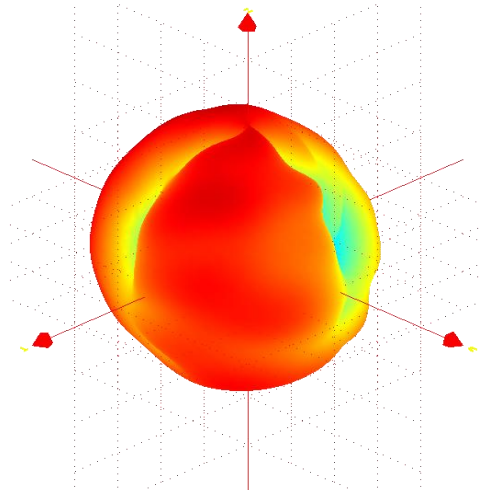
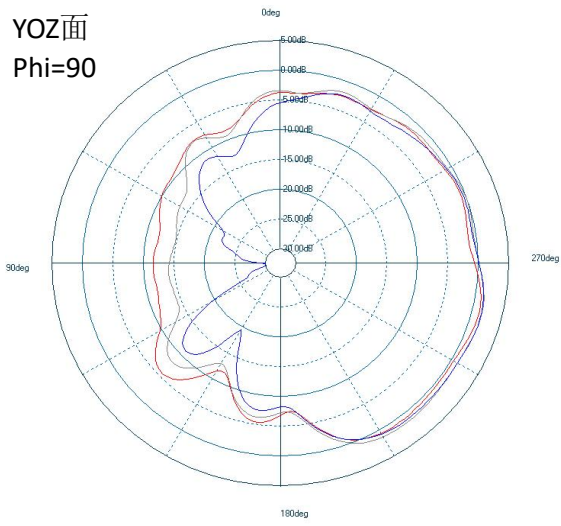
XOY面
Theta=90



XOZ面
Phi=0

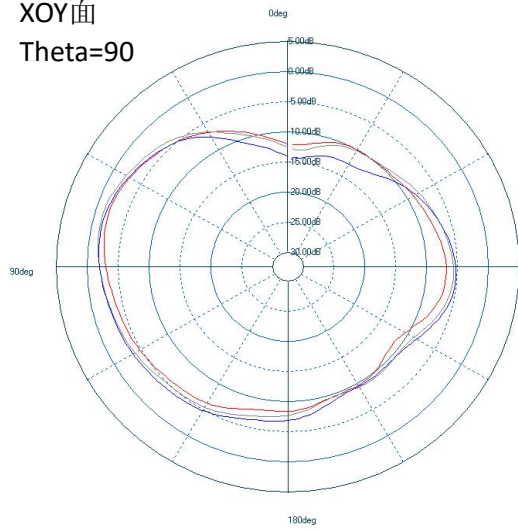


YOZ面
Phi=90

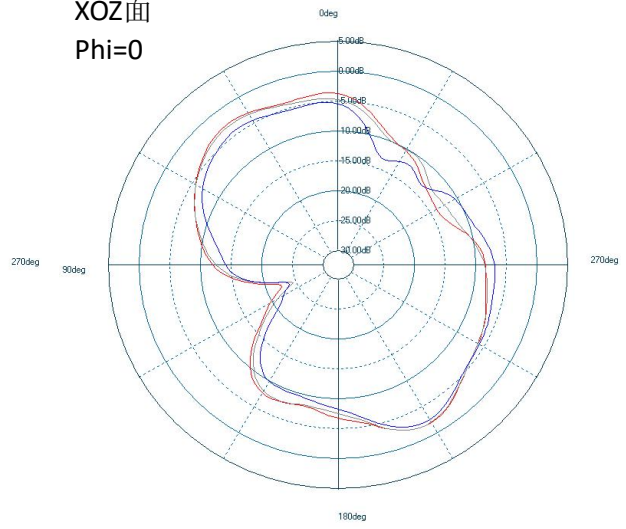


2.4G RX horizontal polarization radiation pattern

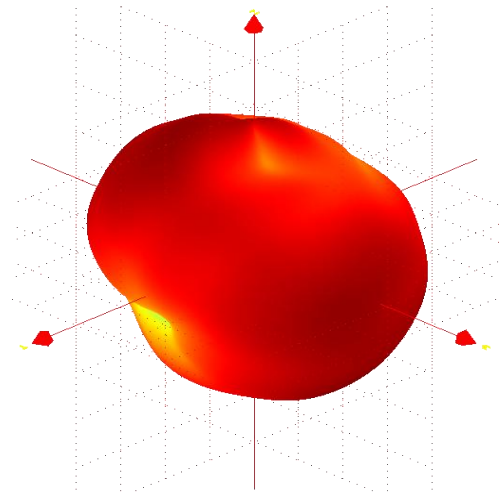
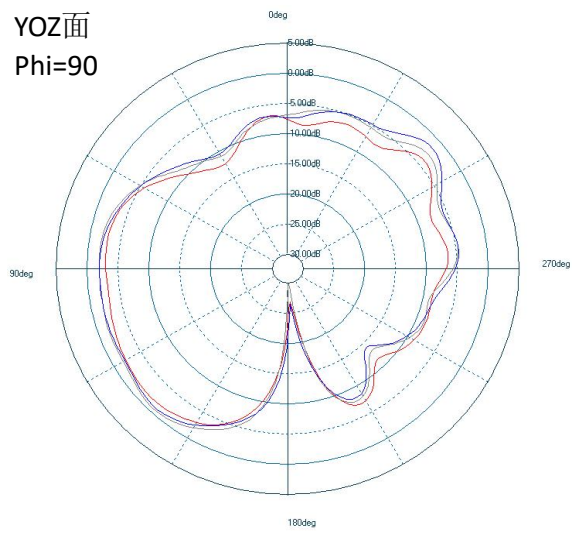
XOY面
Theta=90



XOZ面
Phi=0



YOZ面
Phi=90



Environment treatment

