

Parts Approval Document	
Supplier Information	Supplier Full Name: Shenzhen ZTX Communication Technology Co., Ltd. Contact Person: Liu Zhenzhen Address: No. 34 Shilong Avenue, Shiyan Town, Bao'an District, Shenzhen (Tengda Industrial Park) Phone: 13823731365 Email: liuzhenzhen@chinaztx.com
Product Description	Project Name: CXL Integrated Unit Specification Model: CXL Integrated Unit_ANT1 Antenna Assembly Product Name: ANT1 Antenna Assembly Document Version: A0 Material Code: 2.00002003 Submission Date: 2025.10.24
Approval Documentation	☐ QC Engineering Drawing ☒ Specification / Engineering Drawing ☐ Sample ☐ CPK Report ☐ FAI Full-Dimension Report ☐ Reliability Test Report ☐ Packaging Method ☐ Environmental Compliance Documentation
Supplier Signature (Must be stamped)	Prepared by: Liu Changlin Reviewed by: Wang Pei Approved by: Zou Guohua R&D Exclusive Use

To be filled in by iFLYTEK review

iFLYTEK Technical Confirmation Section	Structure: ☐ Part Number / Specification ☐ Dimensions / Tolerances ☐ 2D Drawing / Specification ☐ Process / Technology / Reliability	Hardware: ☐ Part Number ☐ Specification ☐ Pin Definition ☐ Electrical Performance	Packaging Design: ☐ Part Number / Specification ☐ Dimensions / Tolerances ☐ 2D Drawing / Specification ☐ Packaging Method
	Industrial Design: ☐ Housing Design and Color ☐ Surface Treatment Process ☐ Appearance	Quality: ☐ Appearance ☐ QC Engineering Drawing ☐ Environmental Compliance Documentation ☐ Packaging and Transportation ☐ Reliability Test Report ☐ Meet Trial Production Yield ☐ Others: _____	
Approval Conditions:	☒ Approval ☐ Rejection of Approval ☐ Conditional Approval Conditions to be met: ☐ Temporary Approval Limit _____ PCS Purchase		
Signature Confirmation	Technical: Project: Quality		

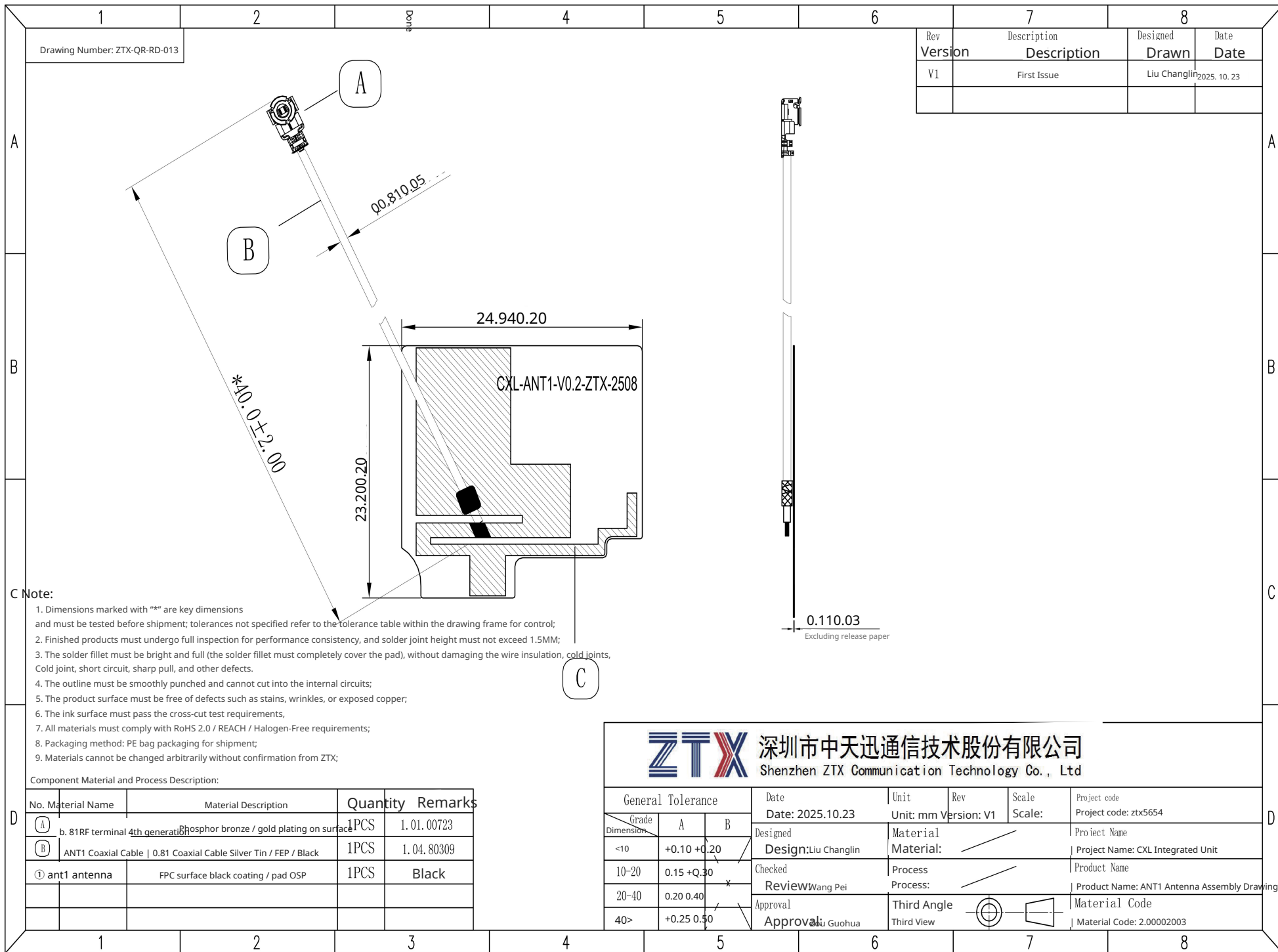
Contents

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Change History Table

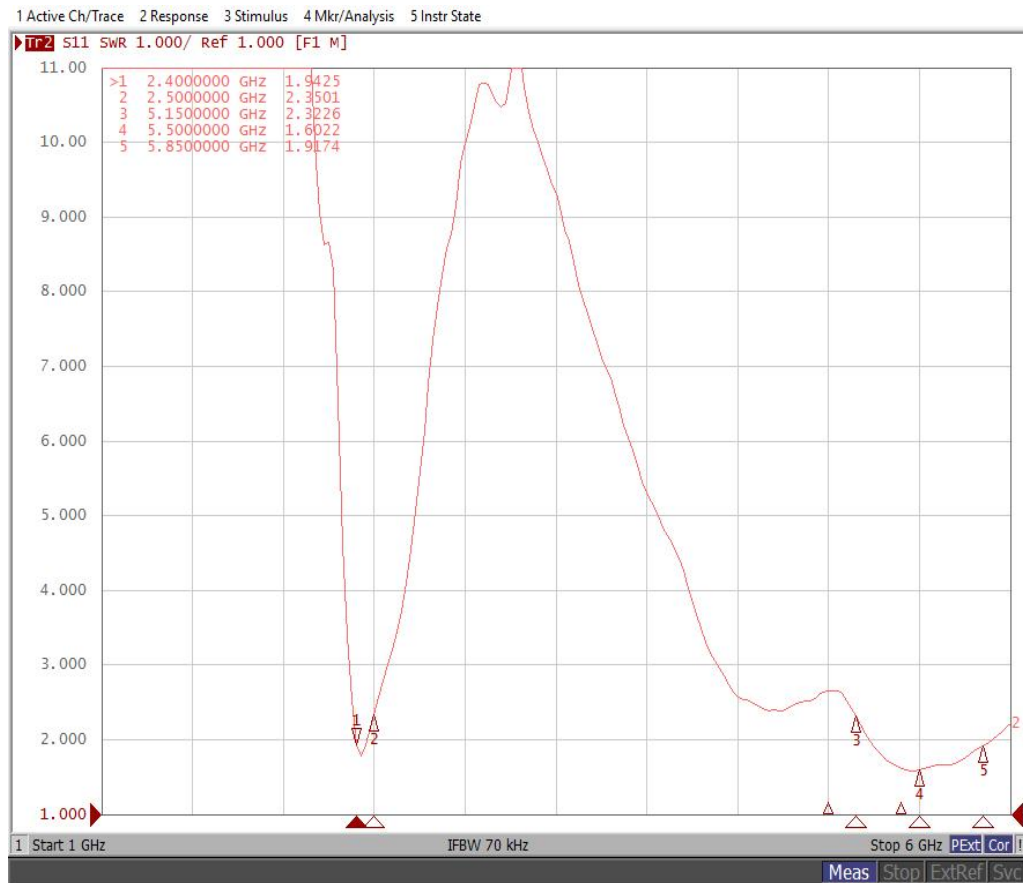
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Test Results Summary

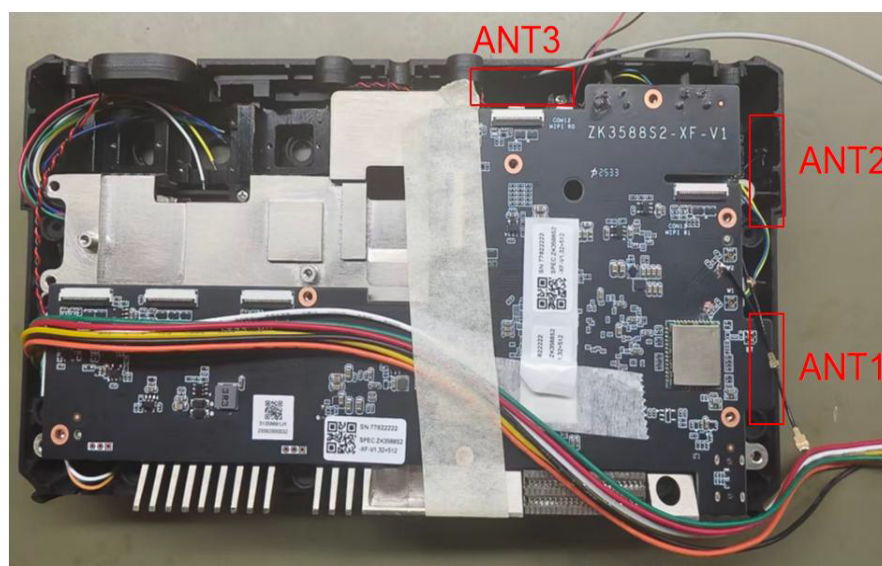
S11



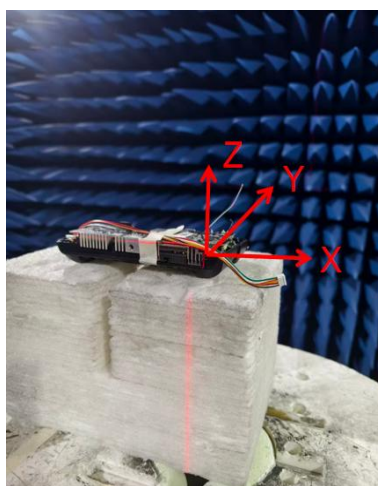
Passive Test

ANT1			
Frequency	Efficiency	Efficiency . dB	Gain . dB
2400MHz	44%	-3.60	1.60
2410MHz	43%	-3.69	1.38
2420MHz	43%	-3.62	1.38
2430MHz	45%	-3.42	1.61
2440MHz	45%	-3.42	1.52
2450MHz	46%	-3.39	1.41
2460MHz	45%	-3.47	1.84
2470MHz	44%	-3.61	1.92
2480MHz	44%	-3.52	1.89
2490MHz	43%	-3.71	1.98
2500MHz	42%	-3.77	2.18
5150MHz	40%	-3.95	1.45
5200MHz	42%	-3.76	1.68
5250MHz	43%	-3.66	1.82
5300MHz	42%	-3.72	1.51
5350MHz	44%	-3.60	1.39
5400MHz	45%	-3.44	1.73
5450MHz	46%	-3.34	1.26
5500MHz	45%	-3.46	1.64
5550MHz	46%	-3.40	1.55
5600MHz	45%	-3.46	1.88
5650MHz	45%	-3.45	1.42
5700MHz	44%	-3.61	1.61
5750MHz	43%	-3.63	1.18
5800MHz	42%	-3.72	1.35
5850MHz	42%	-3.72	1.79

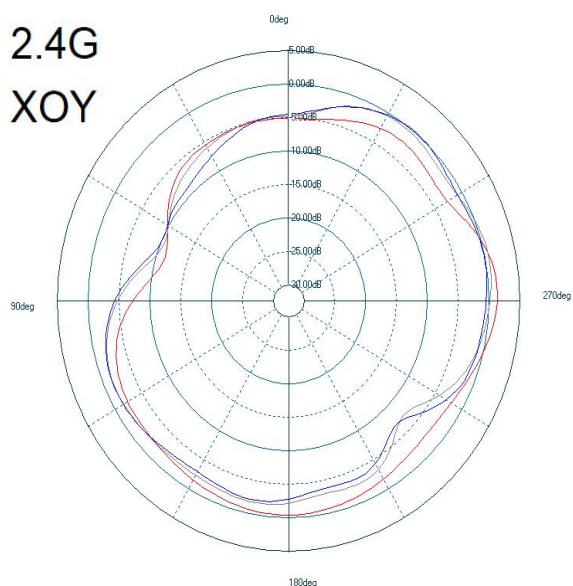
Environment treatment



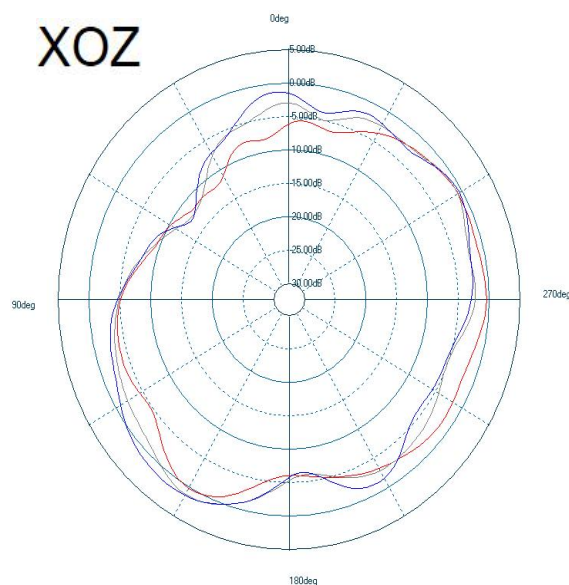
2D/3D Radiation Pattern Results



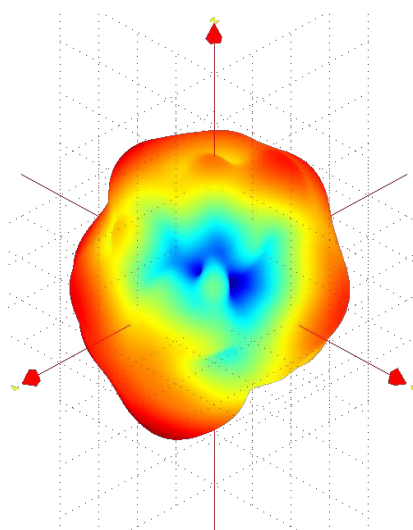
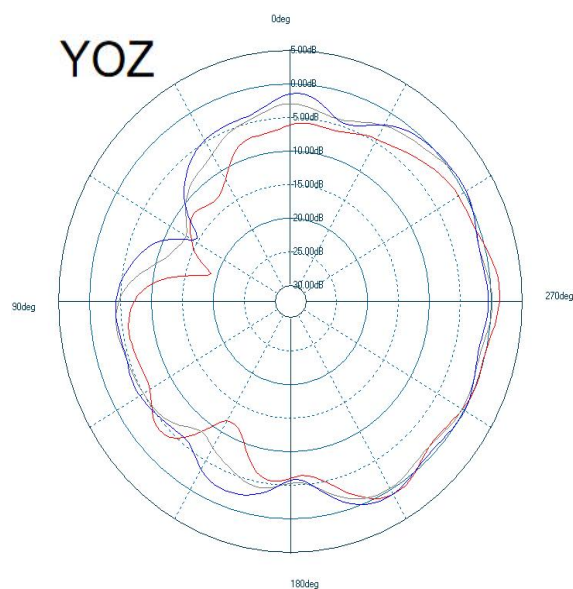
2.4G
XOY



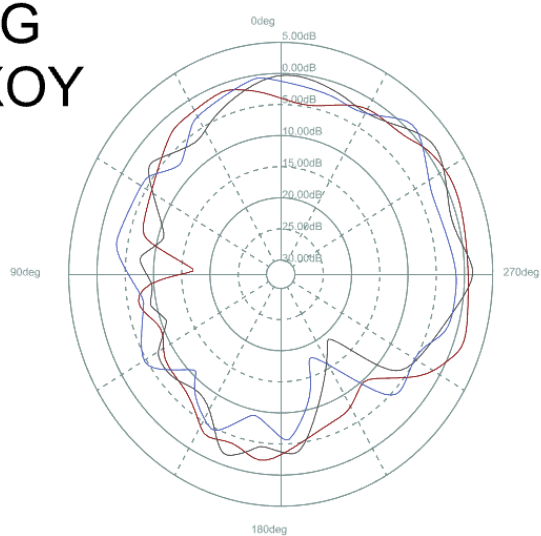
XOZ



YOZ



5G
XOY



XOZ



YOZ

