

深圳市鸿至科技有限公司

承 认 书

SPECIFICATION FOR APPROVAL

客 户 名 称:

CUSTOMER NAME:

产 品 名 称: 2.4G/5G-SMA-黑色胶棒天线

PRODUCT NAME:

客 户 料 号:

CUSTOMER P/N:

公司料号: HZ1235

P/N:

REV: A

	MANUFACTURER SIGNATURE	CUSTOMER SIGNATURE
CHECKED BY:	张 林	
AUDITOR BY:	周 磊	
APPROVED BY:	邓 进	
DATE:	2025-1-8	

Manufacturer: Shenzhen Hongzhi Technology Co., Ltd

Address: Building C, South Phase C, Longguang Jiuzhu Business Center, Hongshan Community,
Minzhi Street, Longhua District, Shenzhen

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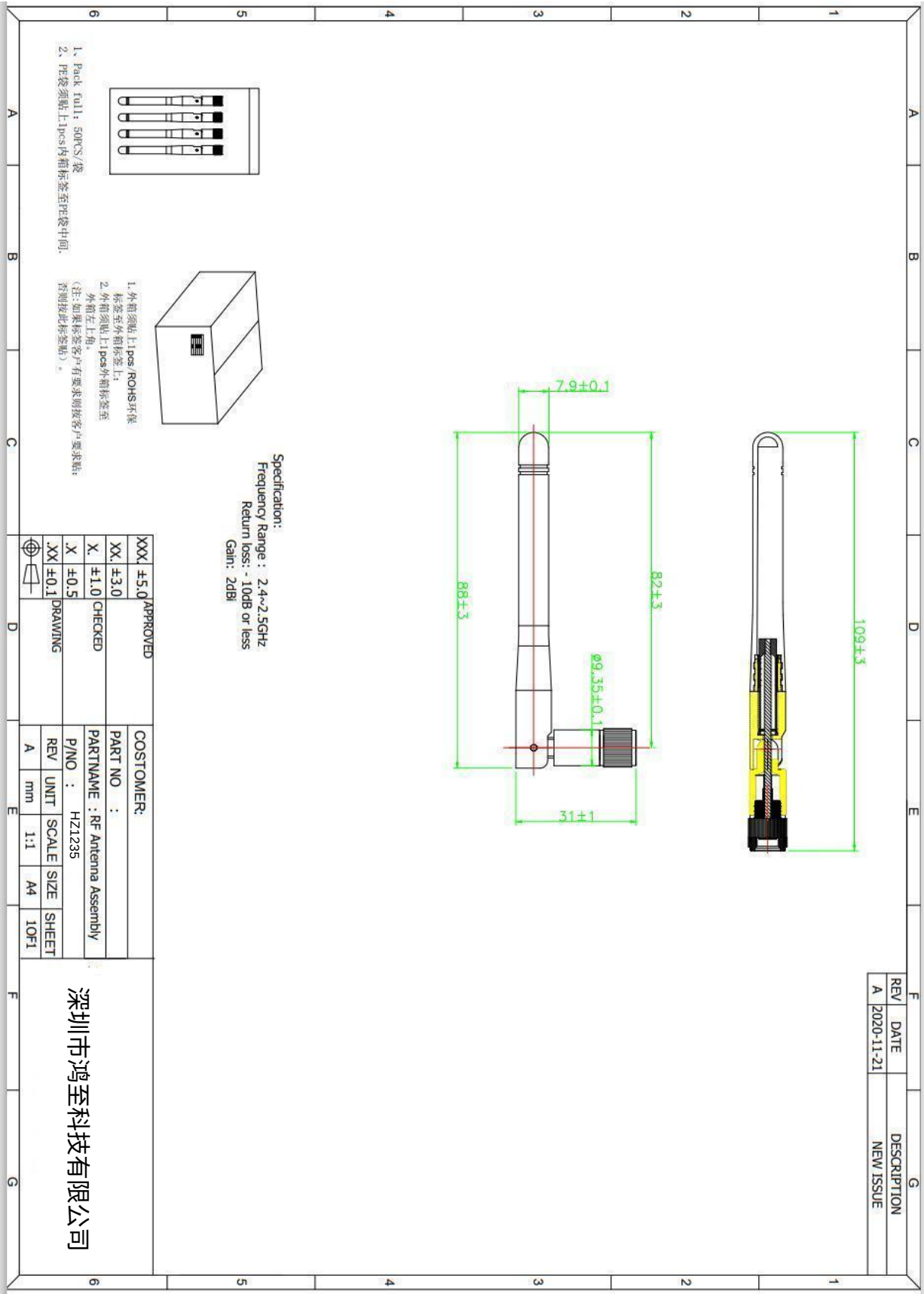
1. 规格表:

产品主要技术参数

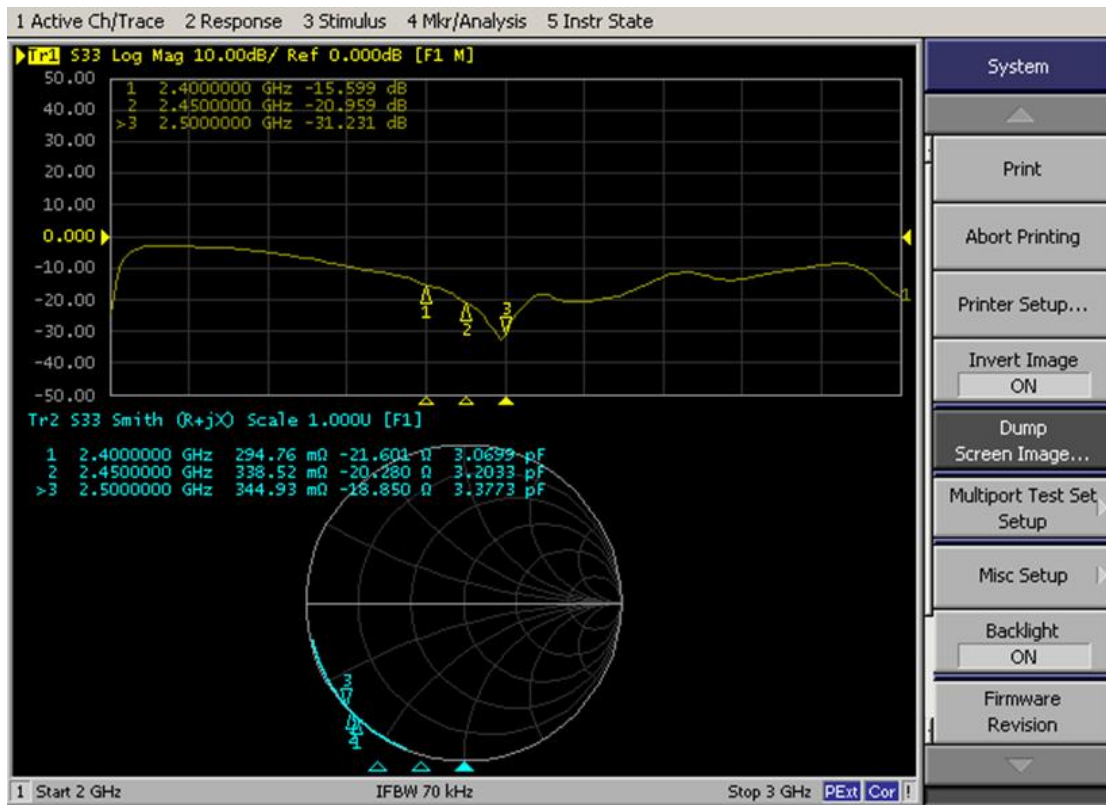
主要技术指标		Main technical specifications	
频率范围 (MHZ)	2400~2500	Frequency Range (MHZ)	2400~2500
特性阻抗(Ω)	50 ± 10	Impedance(Ω)	50 ± 10
增益(dBi)	2 ± 0.5	Gain(dBi)	2 ± 0.5
输出电压 驻波比	≤ 2.0	VSWR	≤ 2.0
最大功率	10W	Admitted Power	10W
极化方式	垂直极化	Polarization	Linear, Vertical
连接方式	SMA	Connector Type	SMA
物理性能		Physical Properties	
天线本体材料	TPEE	Antenna Base	TPEE
工作温度	$-20^{\circ}\text{C} \sim +65^{\circ}\text{C}$	Operating Temp	$-20^{\circ}\text{C} \sim +65^{\circ}\text{C}$
保存温度	$-30^{\circ}\text{C} \sim +75^{\circ}\text{C}$	Storage Temp	$-30^{\circ}\text{C} \sim +75^{\circ}\text{C}$

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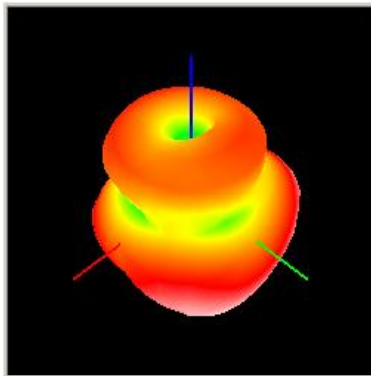
2. 成品图:



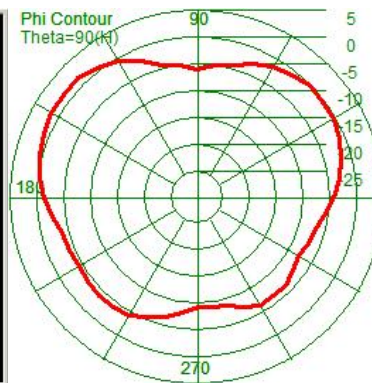
3. 测试报告:



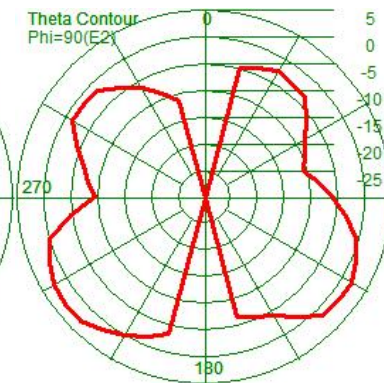
3.2: 暗室 2D、3DRadiation Pattern



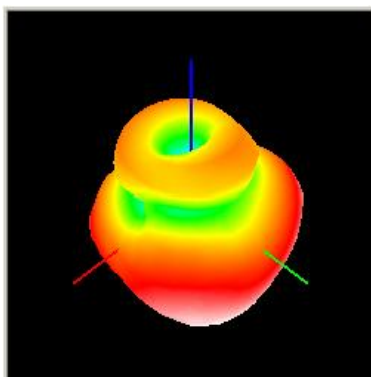
2.4GHz



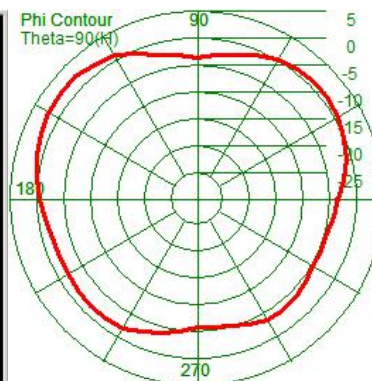
Gain: 2.19dBi



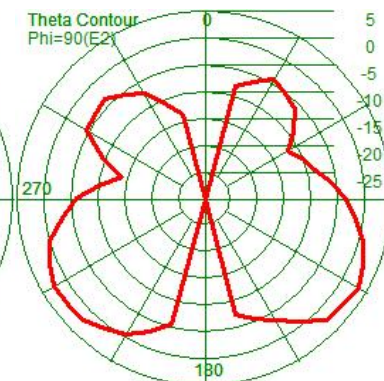
Efficiency: 72.61%



2.45GHz

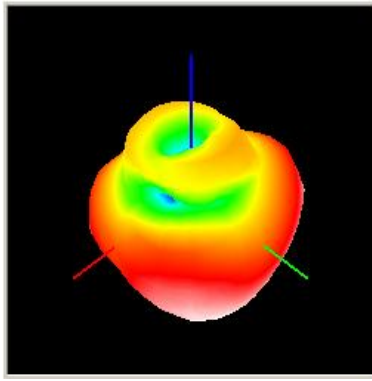


Gain: 2.49dBi

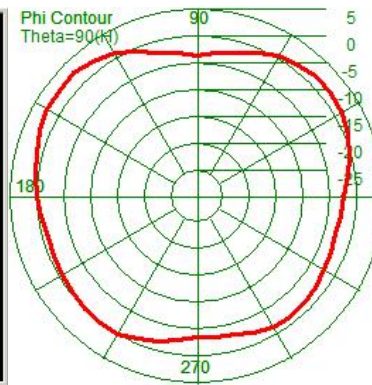


Efficiency: 76.18%

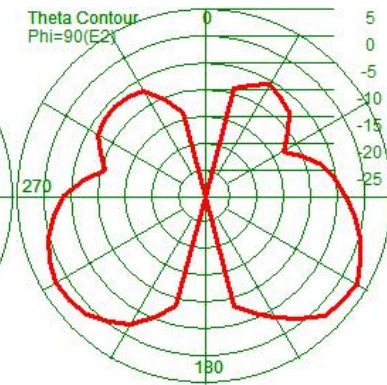
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2.5GHz



Gain: 2.31dBi



Efficiency: 74.24%