

承認書
APPROVAL SHEET

客 户
:

品 名 规 格
DESCRIPTION: 3DB Glue Stick Antenna - 2.4 - 5.8G - L157MM - SMA

料 号
PART NO.:

客 户 料 号
CUS PART NO.:

日 期
D A T E: 2025-7-29

云顶呈样签章

工 程 ENGINEERING DEPARTMENT	品 保 Q C DEPARTMENT	业 务 SALES DEPARTMENT

客户承认签章

工 程 ENGINEERING DEPARTMENT	品 保 Q C DEPARTMENT	采 购 PURCHASING DEPARTMENT

联系电话: 0755 23073599

※ 承认书一式三份, 惠蒙贵司承认签章

※ Approval in duplicate, please signed by your company.

Shenzhen Yunding Communication Electronics Co., Ltd.

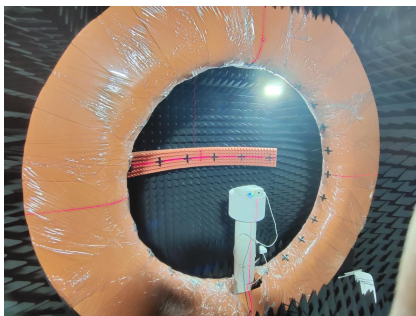
TEL: +86 0755-23073599

FAX: +86 0755-23097189

E-mail:wht0809@163.com

1. 测试项目与设备

	测试项目	设备
1. S11 参数 (S-parameter)	1. 回波损耗 (Return Loss) 2. 电压驻波比 (VSWR)	网络分析仪: Agilent E5071B HP 8753D
2. 有源测试 (Active)	1. 发射功率 (TRP) 2. 接收灵敏度 (TIS)	1. 暗室: ETS 7x4x3 m (3D) Chamber ETS 5x3x3 m (3D) Chamber 2. 综合测试仪: Agilent 8960 E5515B ×2 StarPoint SP6011 Cmw500
3. 无源测试 (Passive)	1. 天线增益 (Gain) 2. 天线效率 (Efficiency)	1. 暗室: ETS 7x4x3 m (3D) Chamber ETS 5x3x3 m (3D) Chamber 2. 网络分析仪: Agilent E5071B HP 8753D



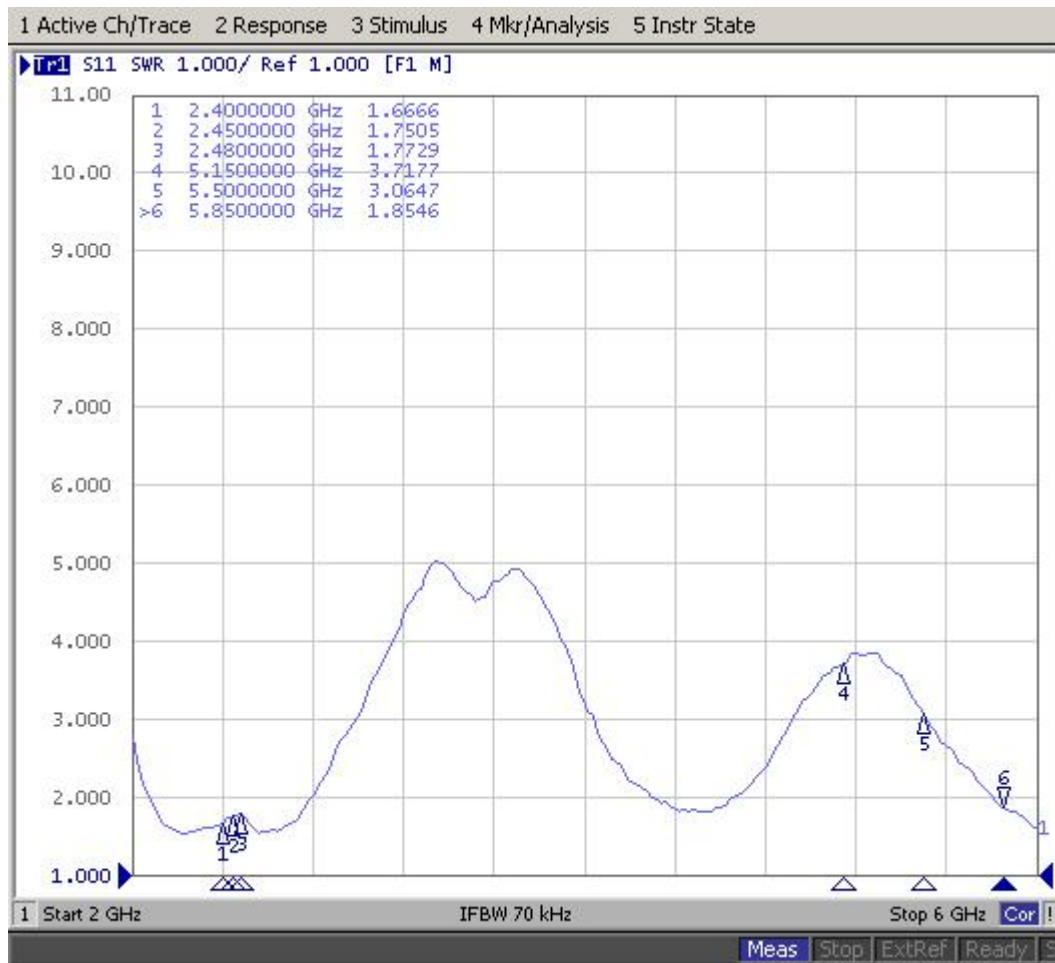
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2. 天线性能 SWR



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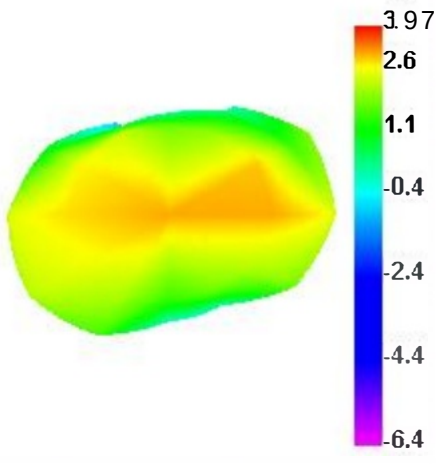
FAX: +86 0755-23097189

E-mail wht0809@163.com

3. 天线效率与增益

Passive Test For WIFI2.4		
Freq (MHz)	Effi (%)	Gain (dBi)
2400	78.87	3.64
2410	75.29	3.3
2420	71.15	2.97
2430	69.21	2.87
2440	70.73	3.1
2450	73.36	3.42
2460	75.14	3.67
2470	75.63	3.81
2480	77.96	3.97
2490	79.49	3.96
2500	75.31	3.59

2480.000MHz



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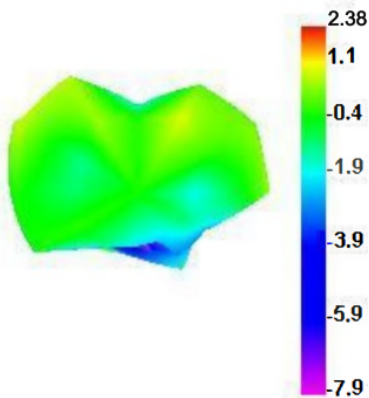
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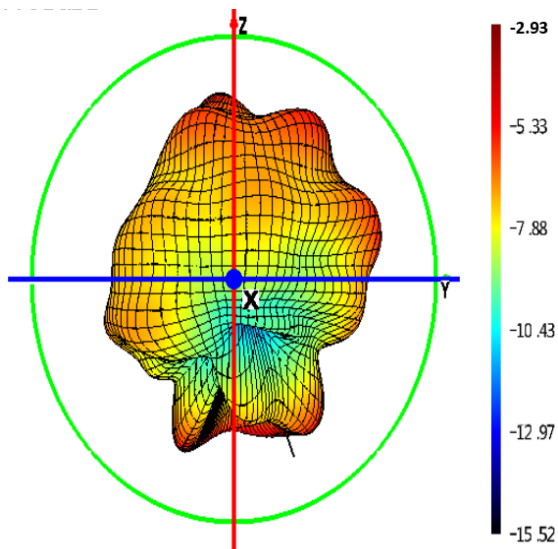
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Passive Test For WIFI5.8		
Freq (MHz)	Effi (%)	Gain (dBi)
5150	16.32	-3.91
5250	19.81	-2.93
5350	53.14	1.66
5450	38.08	0.83
5550	50.42	2.19
5650	58.38	2.71
5750	55.19	2.38
5850	64.3	2.15

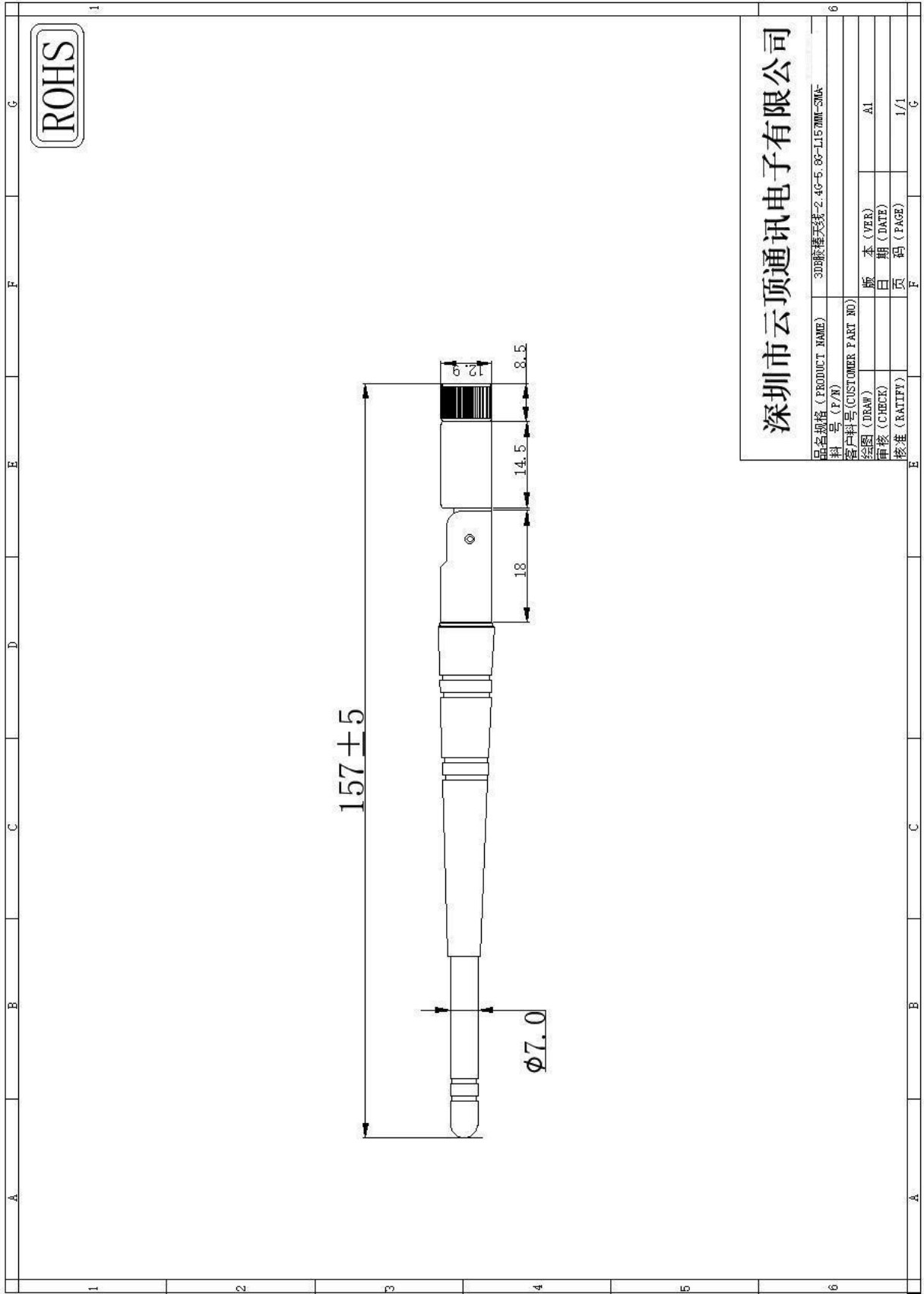
5750.000MH



5250.000MHz



4. 天线结构图:



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电器技术参数			
电 性 能 指 标		Electrical Specifications	
频率范围	2400~2500/5150~5850MHz	Frequency Range	2400~2500/5150~5850MHz
电压驻波比	≤3.5	VSWR	≤3.5
输入阻抗	50 Ω	Input Impedance	50 Ω
增益	3.97 DBI	Gain	3.97 DBI
机 械 指 标		Mechanical Specifications	
天线颜色	黑色	Antenna color	Black
接口形式	RP-SMA	Input connector	RP-SMA
天线长度	157mm	Antenna length	157mm
工作温度	-40℃~+85℃	Working Temperature	-40℃~+85℃
工作湿度	20~80%	Working Humidity	20~80%