

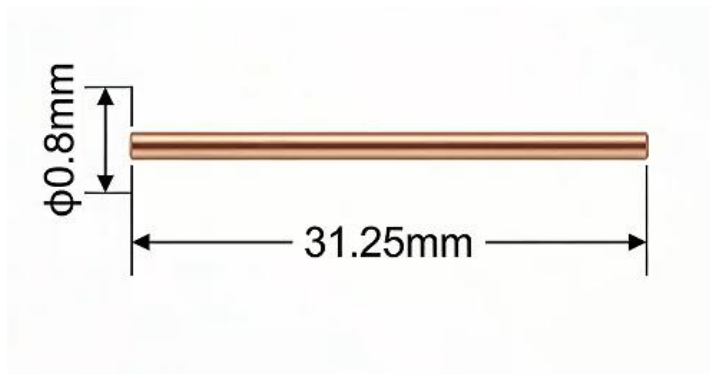
铜质天线规格书

Copper Antenna Specification Sheet

一：产品规格/Product Specifications:

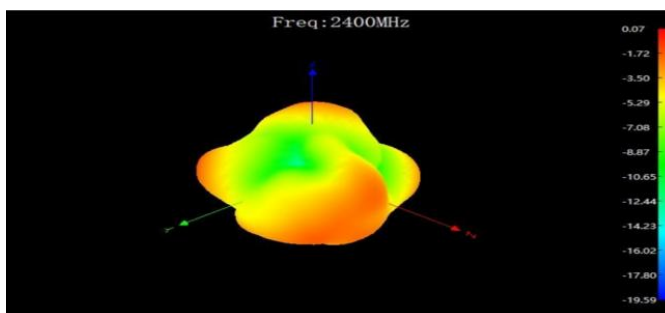
产品名称/Product Name	2.4G 铜线天线/2.4G Copper Antenna
规格型号/Specification Model	$\phi 0.8\text{mm} \pm 0.05 \times 31.25\text{mm} \pm 0.5$
核心材质/Core Material	T2 紫铜（执行 GB/T 5231-2022 标准）/T2 Deoxidized Copper (Compliant with GB/T 5231-2022 Standard)
工作频段/Operating Frequency Band	2.400~2.500GHz
特性阻抗/Characteristic Impedance	50 Ω
产品形态/Product Form	直形纯铜线天线（可轻度折弯装配）/Straight pure copper wire antenna (can be slightly bent for assembly)
适用设备/Applicable Equipment	蓝牙模块、WiFi 模块、小型无线收发终端/Bluetooth Module, WiFi Module, Small Wireless Transceiver Terminal
频率范围/Frequency Range	2400~2500MHz
电压驻波比/Voltage Standing Wave Ratio	≤ 2.0
增益/Gain	2DBI

二：尺寸图片/SIZE:

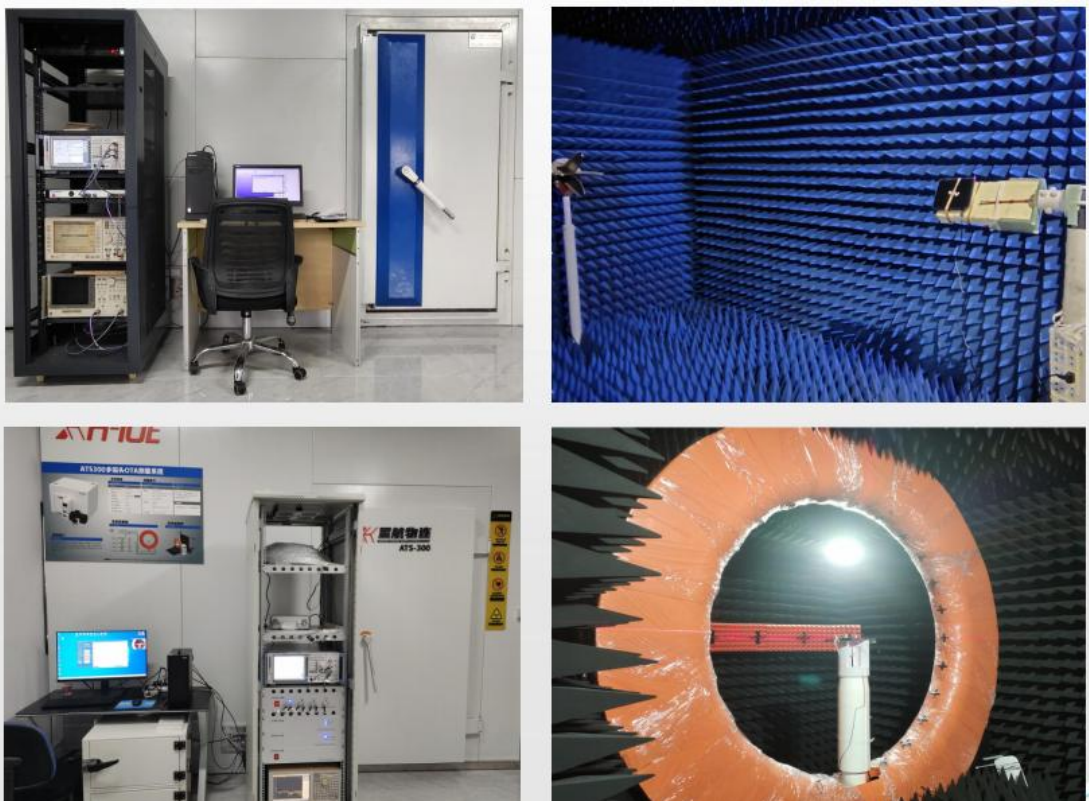


三：天线效率和增益/Antenna Efficiency and Gain:

Frequency	MaxGain/dBi	Efficiency/%
2400	0.07	29.58
2410	2	29.79
2420	0.13	29.24
2430	0.05	29.79
2440	-0.38	29.99
2450	-0.62	29.79
2460	-0.79	29.85
2470	-0.73	31.55
2480	-0.84	31.41
2490	-0.8	31.84
2500	-0.64	32.96



四：测试环境/Testing Environment:



五：SRW

