

Antenna Specification

Customer name: _____

Customer part number: _____

Model : 2.4G Dipole Antenna

Specification description: 2.4G elbow Black pepper
antenna /L=50MM/ elbow (SMA-J)

Date of manufacture: March 8th, 2023

Factory confirmation:

Bu Men	examine	Give permission to
Radio frequency department	Liu Jingxiong	Li Bin
Structural engineering department	Xie Dongzhan	Li Bin
Quality department	Wang Fei	Li Bin

Customer confirmation:

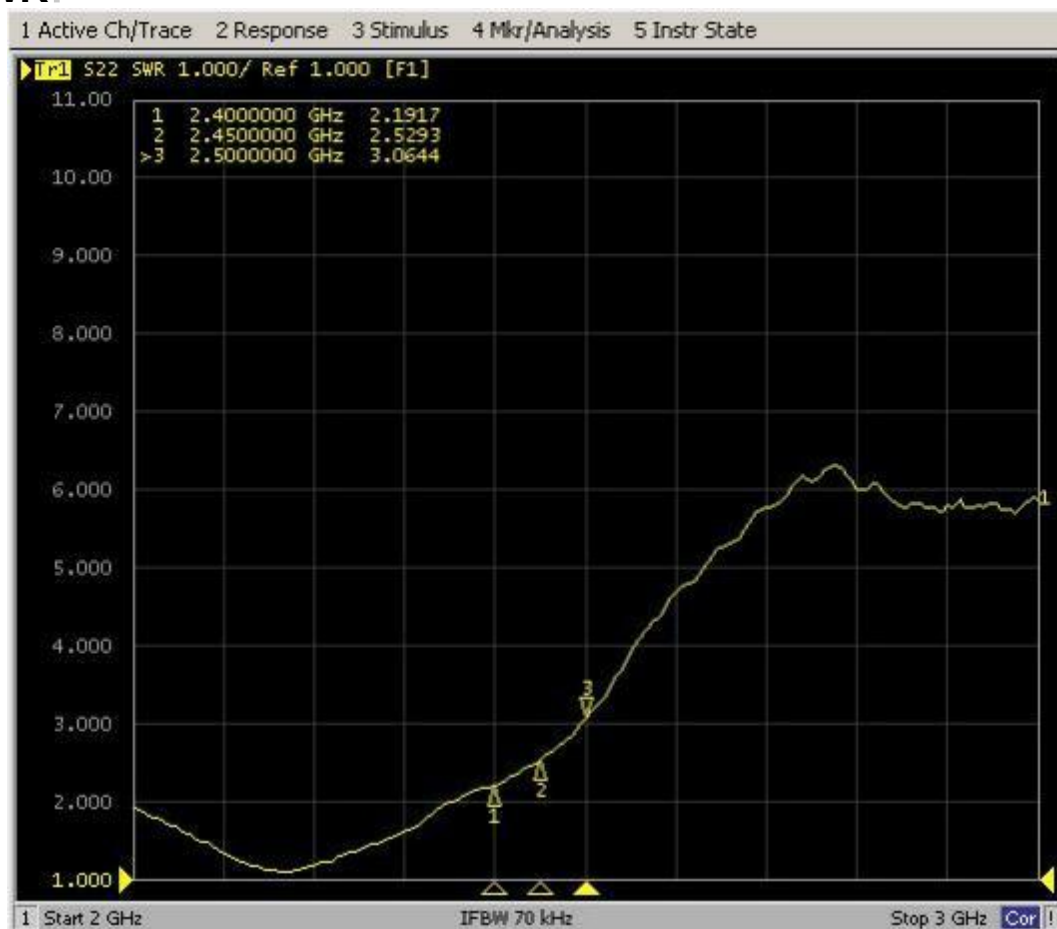
check	examine	Give permission to

1. Product picture



2. Electrical performance test report

VSWR

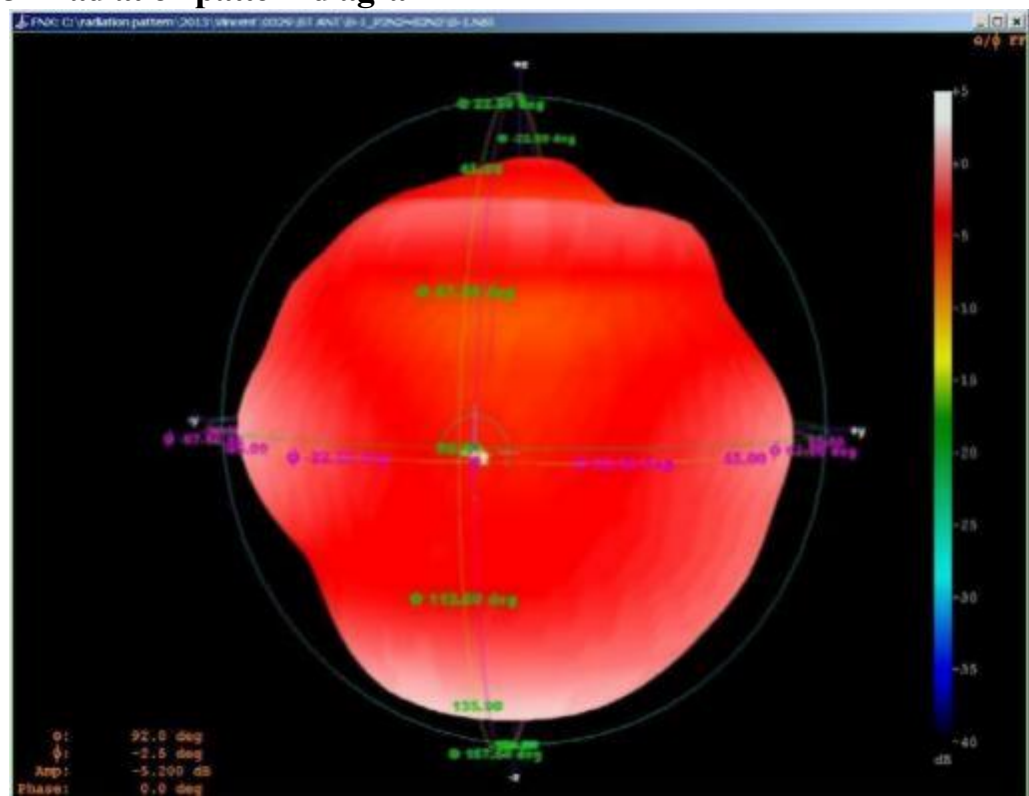




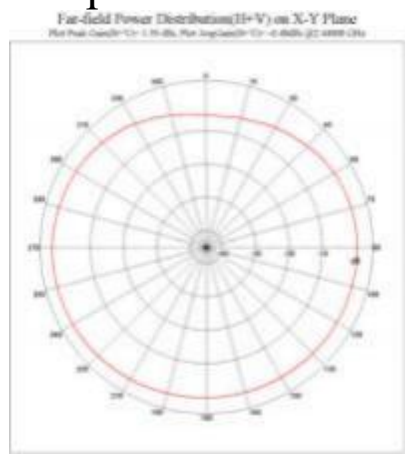
3. Product performance parameter:

电性能指标Electrical Specifications	
频率范围Frequency Range (MHz)	2400-2500
输入阻抗Input Impedence (Ω)	50
电压驻波比V.S.W.R Voltage standing wave ratio V.S.W.R	≤ 2.5 (未匹配设备, 仅供参考) ≤ 2.5 (no matching equipment, for reference only)
增益Gain (dBi)	3.0 ± 0.5 (未匹配设备, 仅供参考) 3.0 ± 0.5 (no matching device, for reference only)
极化形式Polarization Type	垂直 Vertical
最大功率Maximum power(W)	10W
垂直面波瓣角度Vertical lobe Angle (E)	45~60°
水平面波瓣角度Water plane lobe Angle (H)	360°
机械指标Mechanical Specifications	
连接器型号Connect Type	SMA-J (弯)
电缆型号Cable Type	/
天线尺寸Size	50* Φ 15MM
工作温度Operating Temp	-20 ~ +65 °C
储存温度Storage Temp	-30 ~ +75°C

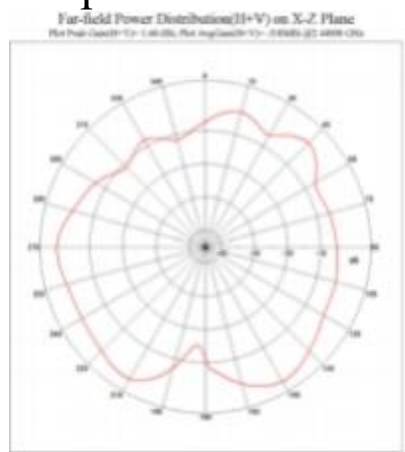
3D radiation pattern diagram



XY-plane



XZ-plane



YZ-plane

