

国光电器股份有限公司
Guoguang Electric Company., Ltd.

规格承认书
SPECIFICATION APPROVAL

品名Part Name: Moto-P01 蓝牙板载天线

送样日期Date:2025-08-18

地址: 广州市花都区新雅街镜湖大道8号

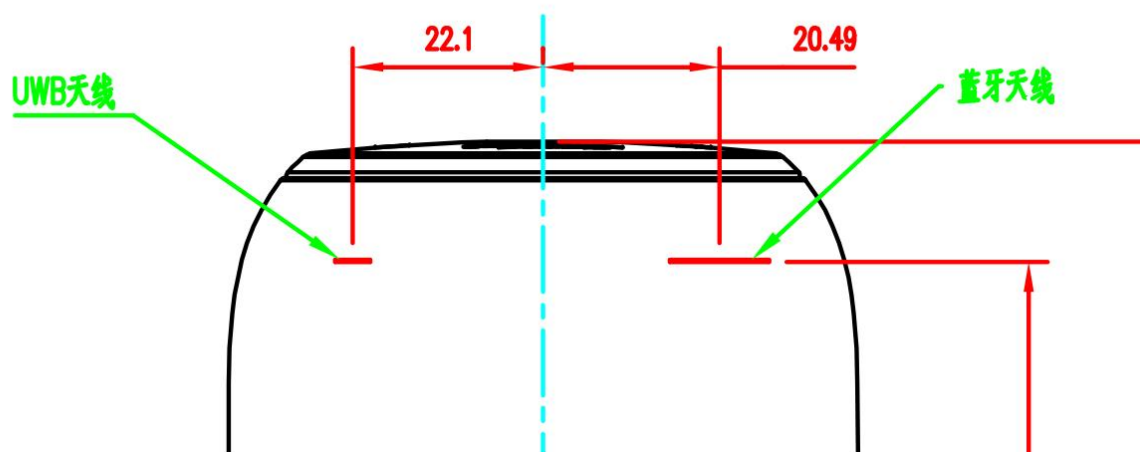
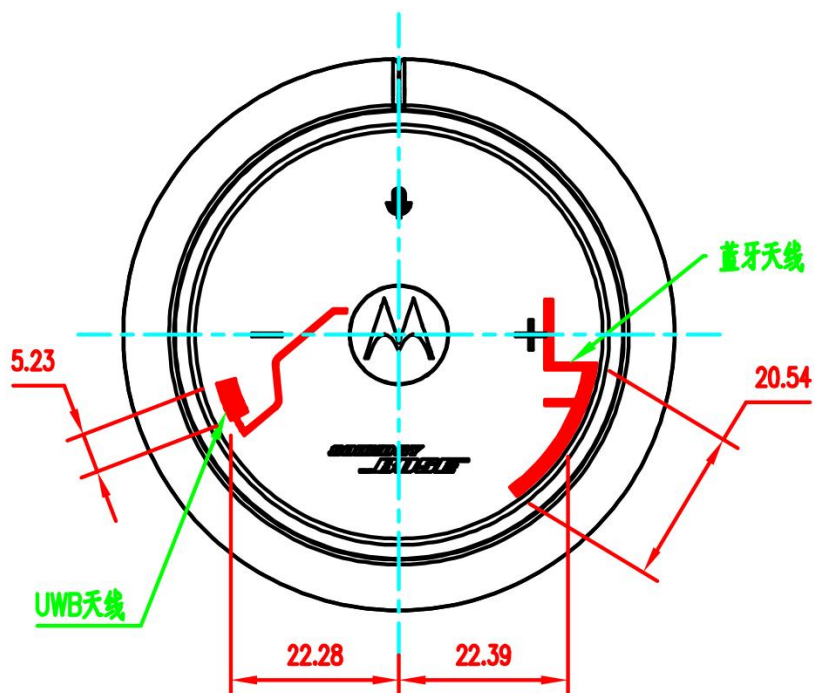
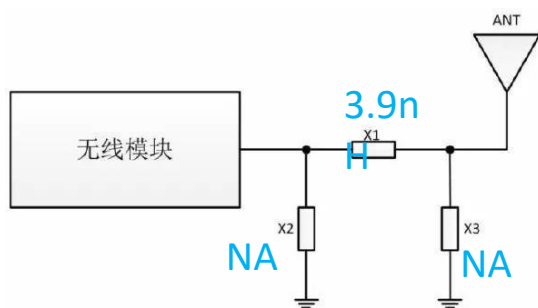
Address:No.8 Jinghu Road, Xinya Street, Huadu Reg, Guangzhou, China

天线规格书

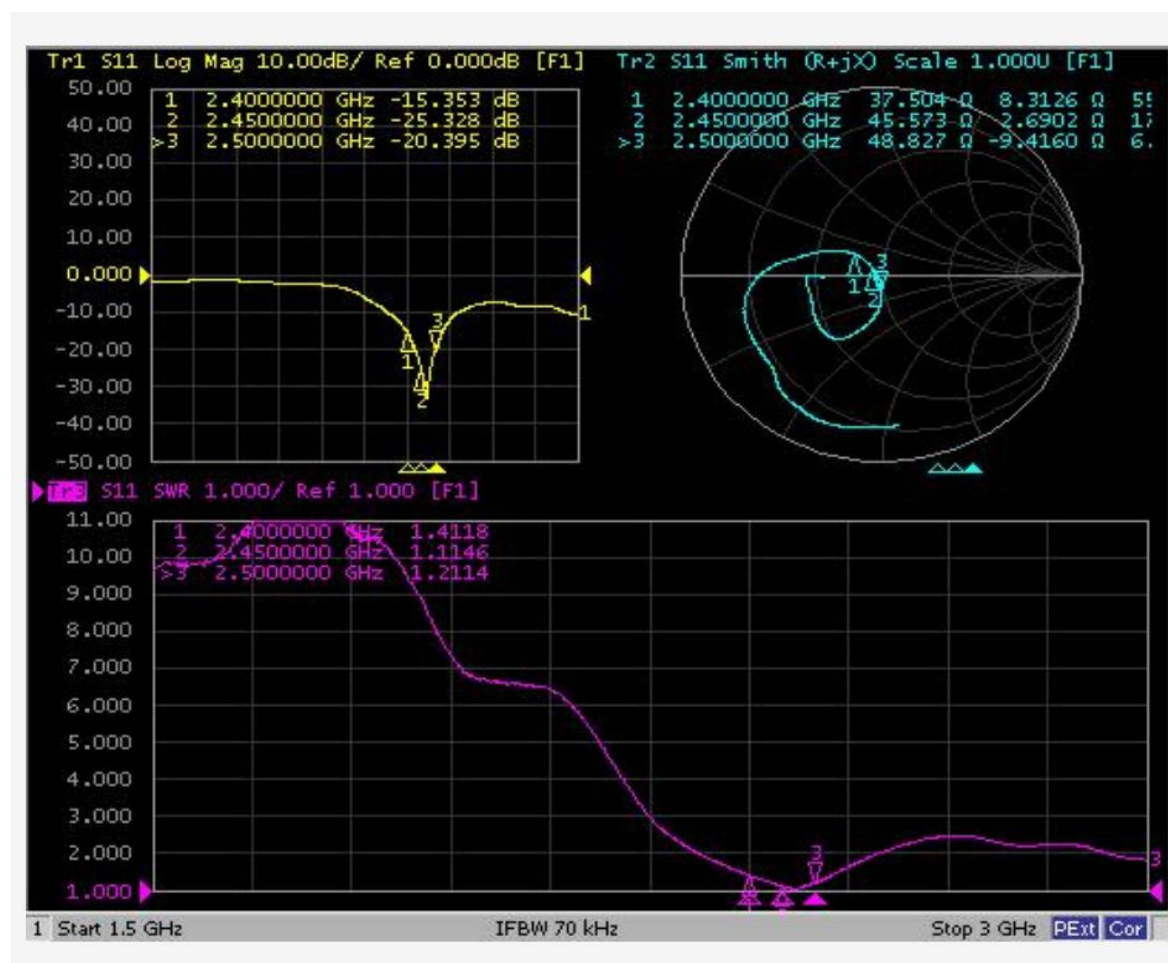
antenna specification

电性能Electrical properties	
频率范围frequency(MHz)	2400-2500MHz
阻抗Impedance(Ω)	50
电压驻波比VSWR	≤ 2
峰值增益Peak Gain (dBi)	$\leq 1.8\text{dBi}$
辐射方向Radiation	全向天线Omni-directional
极化方式Polarization	线极化Linear
物理性能Physical properties	
天线类型Antenna type	板载天线printed antenna
工作温度Operating temp.	-40--+85 °C
存储温度/湿度Storage Temp/Humidity	25 $\pm$ 5 °C

天线图纸Antenna drawings



天线S参数 S11 parameters

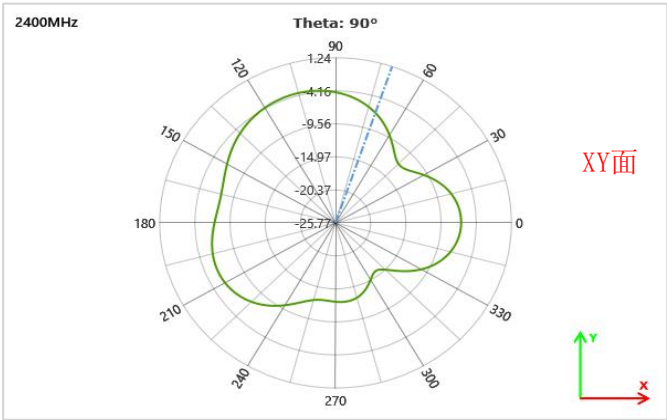
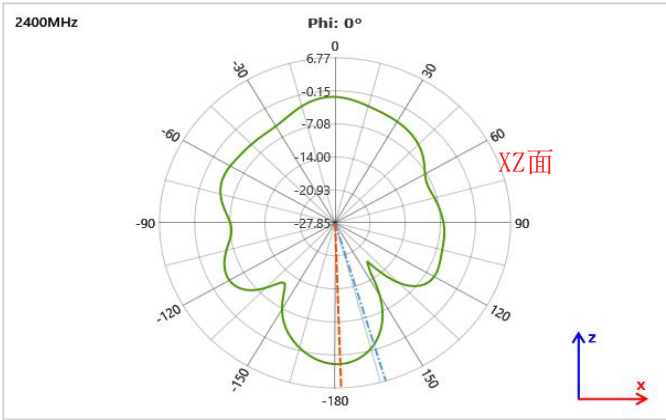
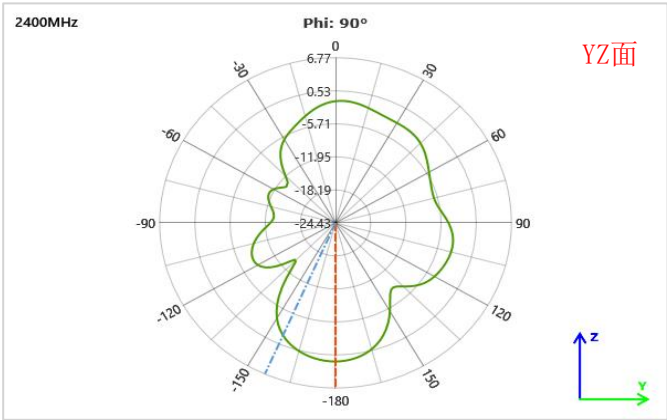
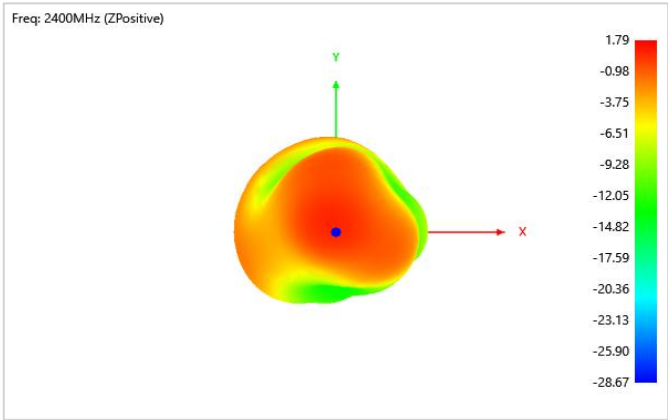


天线效率及增益 Efficiency & Peak Gain

Frequency (MHz)	Gain(dBi)	Efficiency(dB)	Efficiency(%)
2400	1.79	-3.32	46.58
2410	1.79	-3.11	48.83
2420	1.72	-3.05	49.58
2430	1.78	-3.02	49.92
2440	1.78	-3.05	49.58
2450	1.77	-3.02	49.85
2460	1.8	-2.97	50.49
2470	1.6	-2.86	51.76
2480	1.78	-2.84	51.99
2490	1.74	-2.84	51.96
2500	1.74	-2.27	59.23

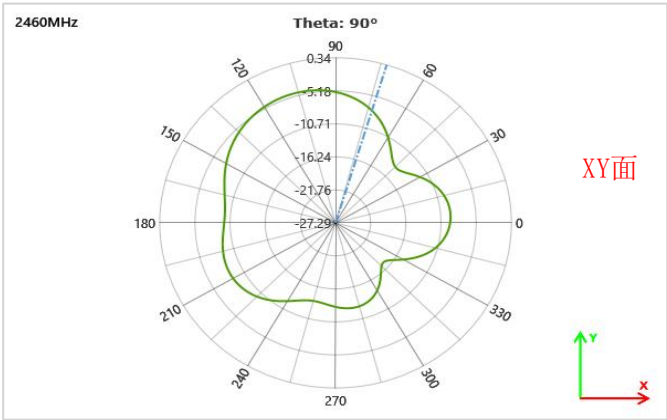
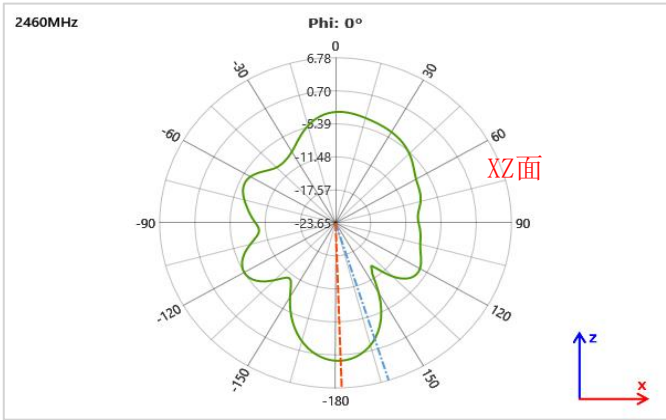
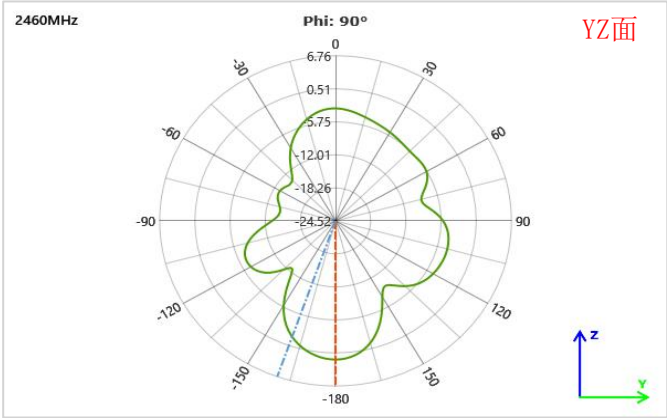
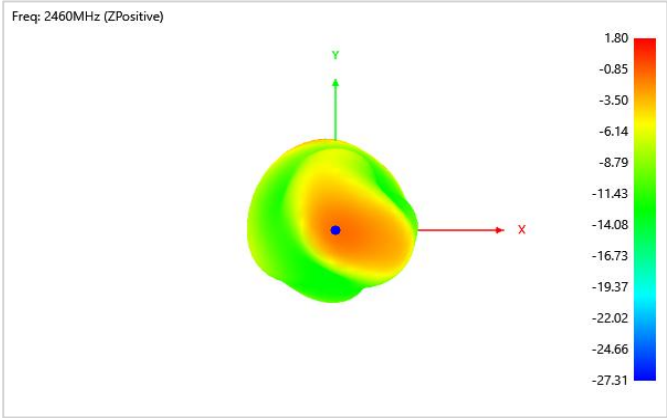
天线辐射方向图Radiation pattern

2400MHz



天线辐射方向图Radiation pattern

2460MHz



谢谢

thanks