

天线规格书

RDMCTMZT-RF01

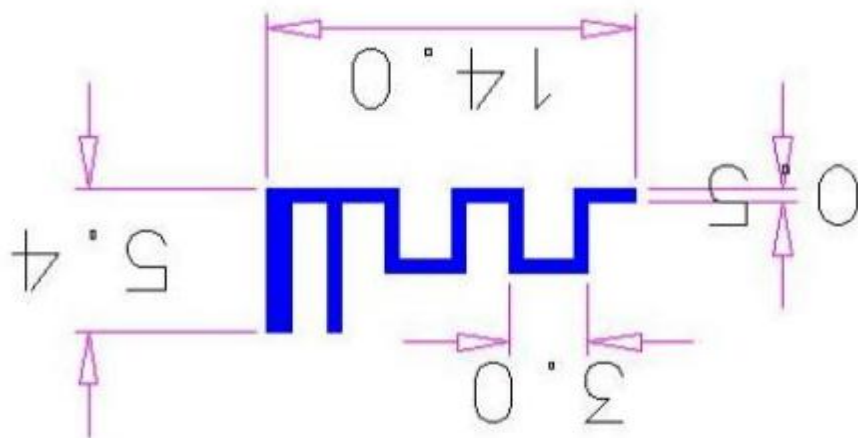
Model name: RDMCTMZT-RF01

Project type: PCB ANT

Date : 2024-05-24

Manufacturer's Name : Huizhou Sanpin Intelligent Manufacturing Electronics Co., Ltd.
Address: 4th Floor, Building C, No.3 Plant, North Side of Zhenxing North 1st Road,
Shiwan Town, Boluo County, Huizhou City, Guangdong Province

Antenna layout diagram:

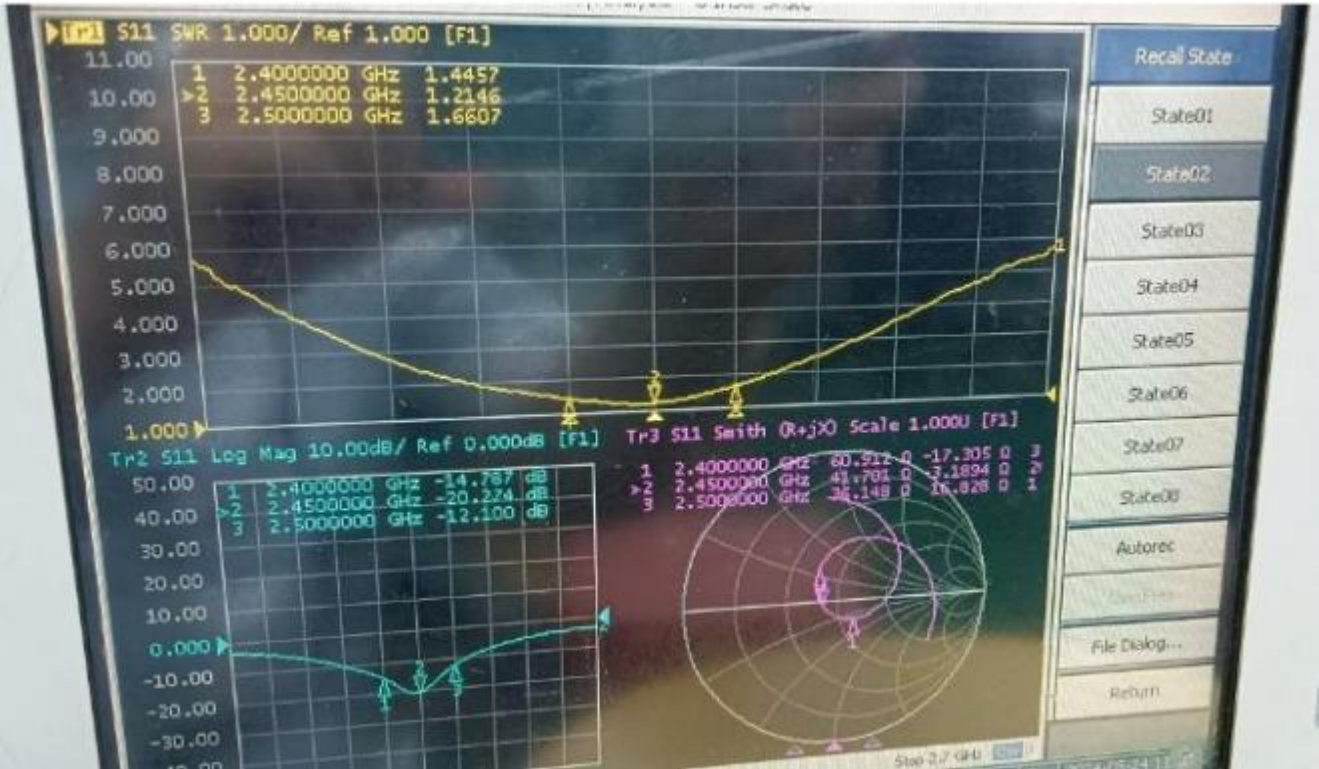


Electrical Technical Parameters			
电 性 能 指 标		Electrical Specifications	
频率范围	2400-2500MHz	Frequency Range	2400-2500MHz
电压驻波比	<1.92	VSWR	<1.92
输入阻抗	50 Ω	Input Impedance	50 Ω
方向	全向	Direction	All
增益	0.0±1dBi	Gain	0.0±1dBi
机 械 指 标		Mechanical Specifications	
接口形式	OPEN	Input connector	OPEN
工作温度	-20℃~+70℃	Working Temperature	-20℃~+70℃
工作湿度	20%~80%	Working Humidity	20%~80%

天线实物图:



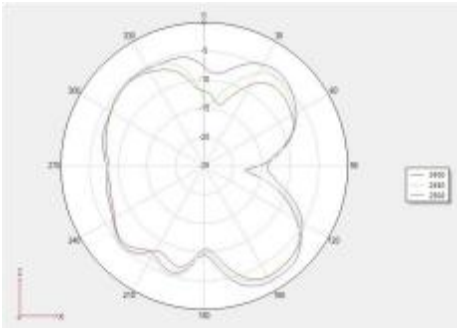
天线性能测试图:



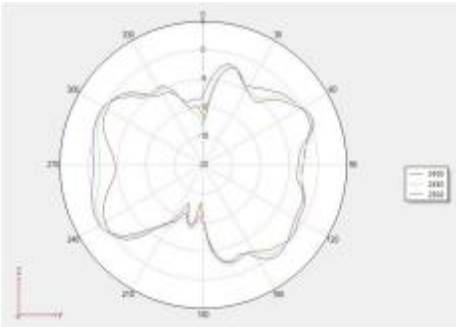
2D.3D 测试数据（2.4G）：

Frequency	Efficiency (%)	Gain. (dBi)
2400MHz	43.85	0.46
2410MHz	45.92	0.36
2420MHz	46.13	0.10
2430MHz	46.88	0.13
2440MHz	47.10	0.27
2450MHz	48.19	1.00
2460MHz	47.53	0.44
2470MHz	48.75	0.59
2480MHz	46.77	0.39
2490MHz	47.42	0.36
2500MHz	45.60	0.21

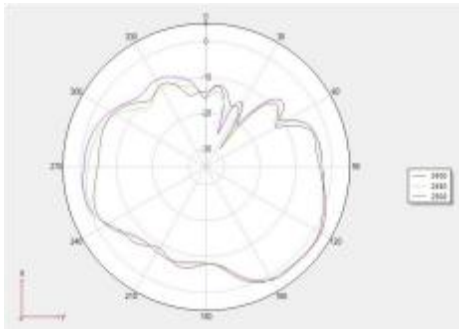
Phi 0 2D 图:



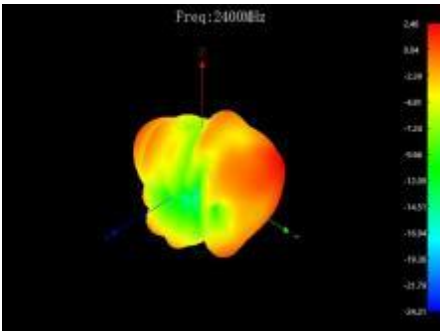
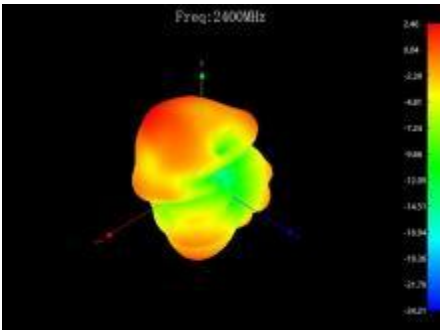
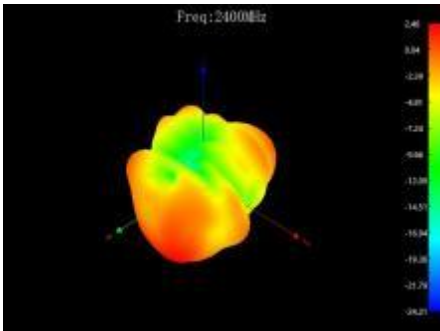
Phi 90 2D 图



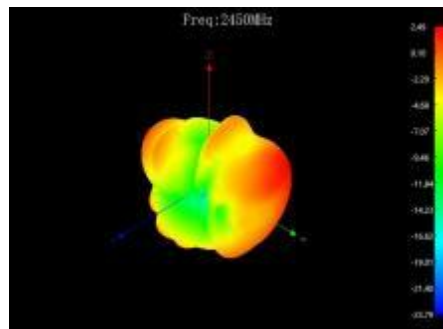
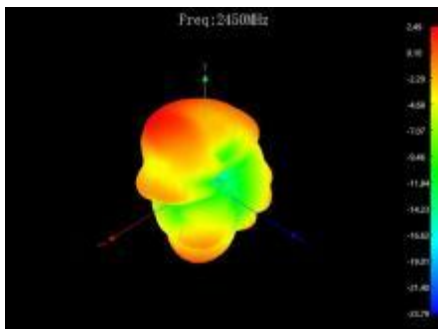
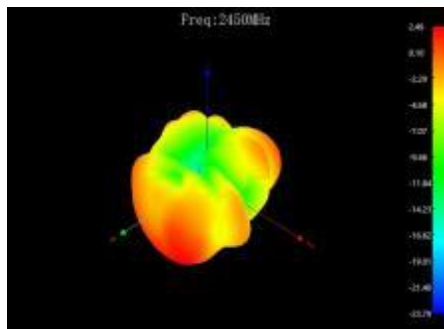
Theta 90 2D 图



3D 2400:



3D 2450:



3D 2500

