



Shenzhen Shuangxin Communication Equipment Co., Ltd.

Address: RM.601 No. 9-1 Factory Building , Alley 4, Ao Lane, Zhangbei 2nd Village,
Zhangbei Community, Longcheng Street, Longgang District, Shenzhen

TEL: 0755-89565848/89565981 FAX: 0755-89565849

SPECIFICATION OF APPROVA

CUSTOMER: _____

DESCRIPTION: 2.4G internal copper pipe Antenna

PART NO: SX-2.4G-NZTG-0241A

SIGNATURE

Approve	Project
Shenzhen Shuangxin Communication Equipment Co., Ltd.	Technology Department
July 2023 year	

CUSTOMER APPROVAL

verify results	Project
<input type="checkbox"/> pass <input type="checkbox"/> not pass	
(YEAR)	(MONTH) (DAY)

Product Description:

The antenna has the characteristics of high gain, stable signal, good standing wave ratio performance, and high power. Can effectively

receive and transmit signals.

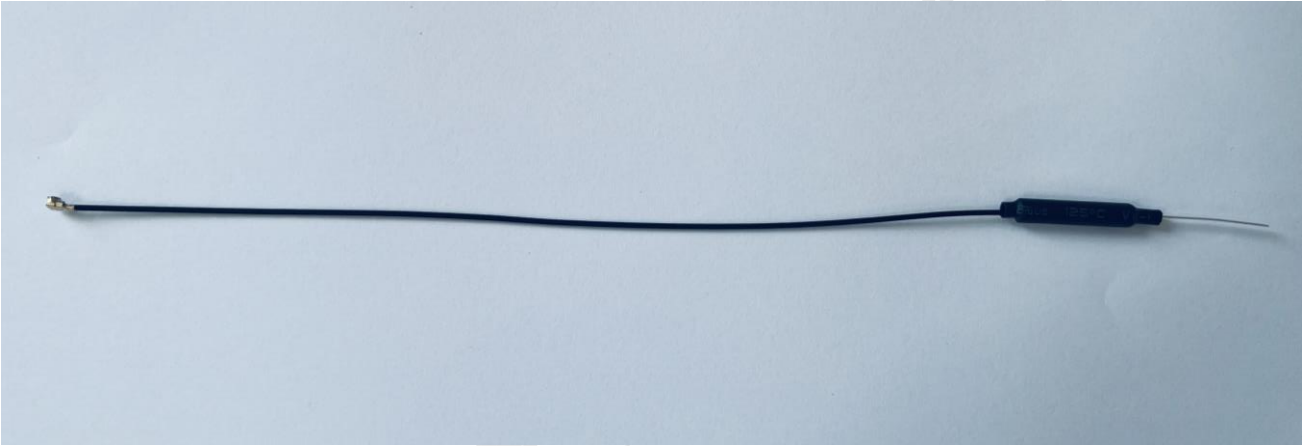
Connector

1.13 connector

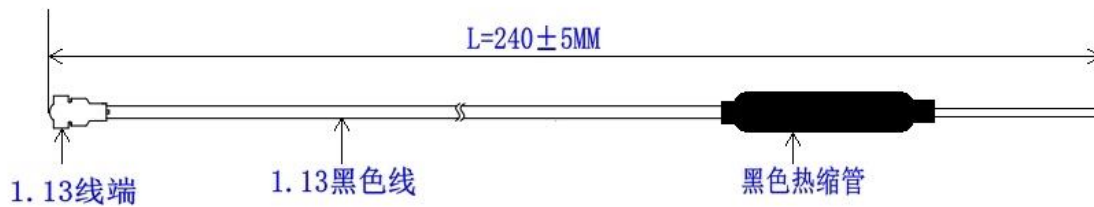
Matching cable

1.13 black

Product picture:



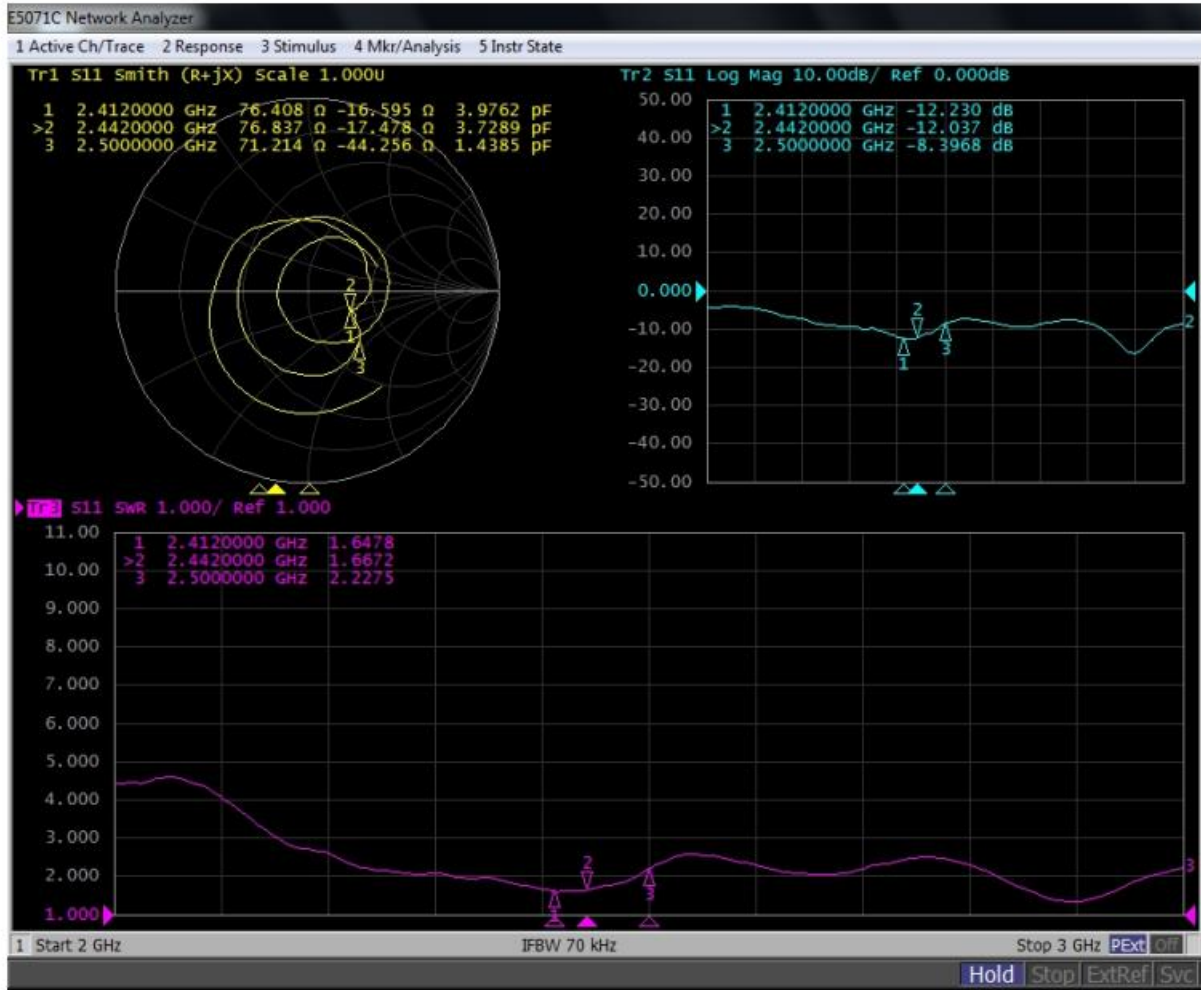
Product drawing:



Technical Parameters

型号	SX-2.4G-NZTG-0241A	Model	SX-2.4G-NZTG-0241A
主要技术参数		Main Technical Specifications	
射频参数			
频率范围 (MHz)	2400~2500	Frequency Range (MHz)	2400~2500
电压驻波比	≤2.0	VSWR	≤2.0
增益 (DBi)	3.91	Gain (dBi)	3.91
输入阻抗 (Ω)	50	Input Impedance (Ω)	50
最大功率 (W)	50	Max input power (W)	50
回波损耗 (DBI)	-10	Return loss	-10
环境参数			
环境温度 (C°)	-40~80	Operation temperature (C°)	-40~80
储存温度 (C°)	-45~85	Store temperature (C°)	-45~85

Network analyzer testing

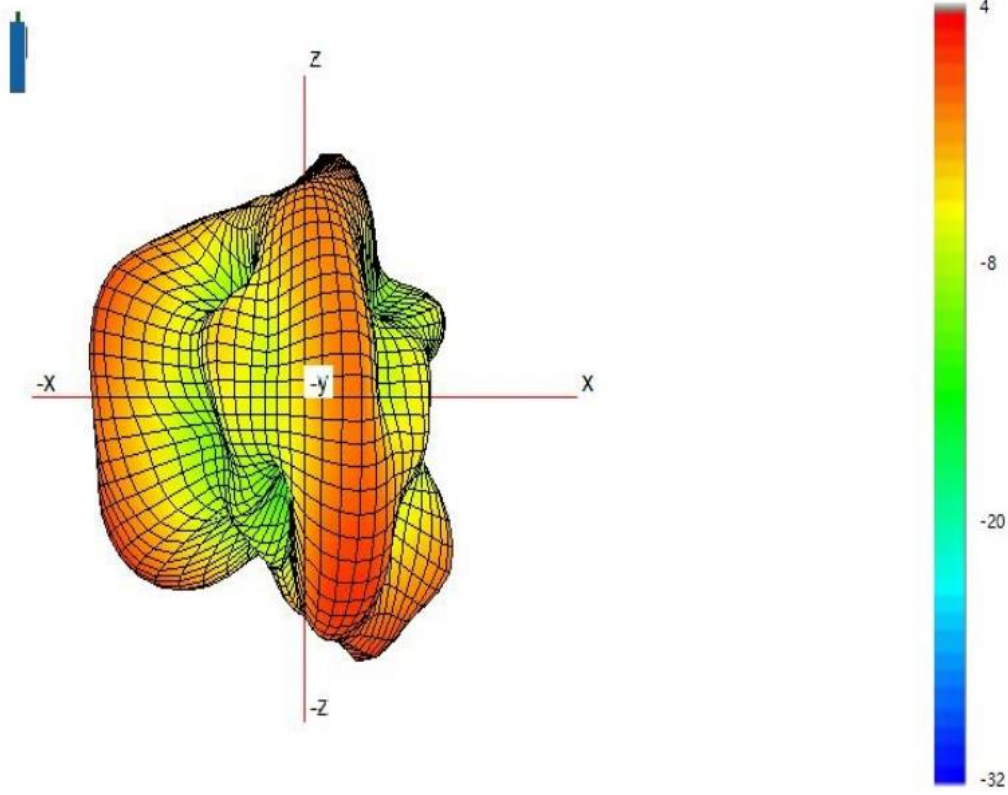


Frequency & voltage standing wave ratio

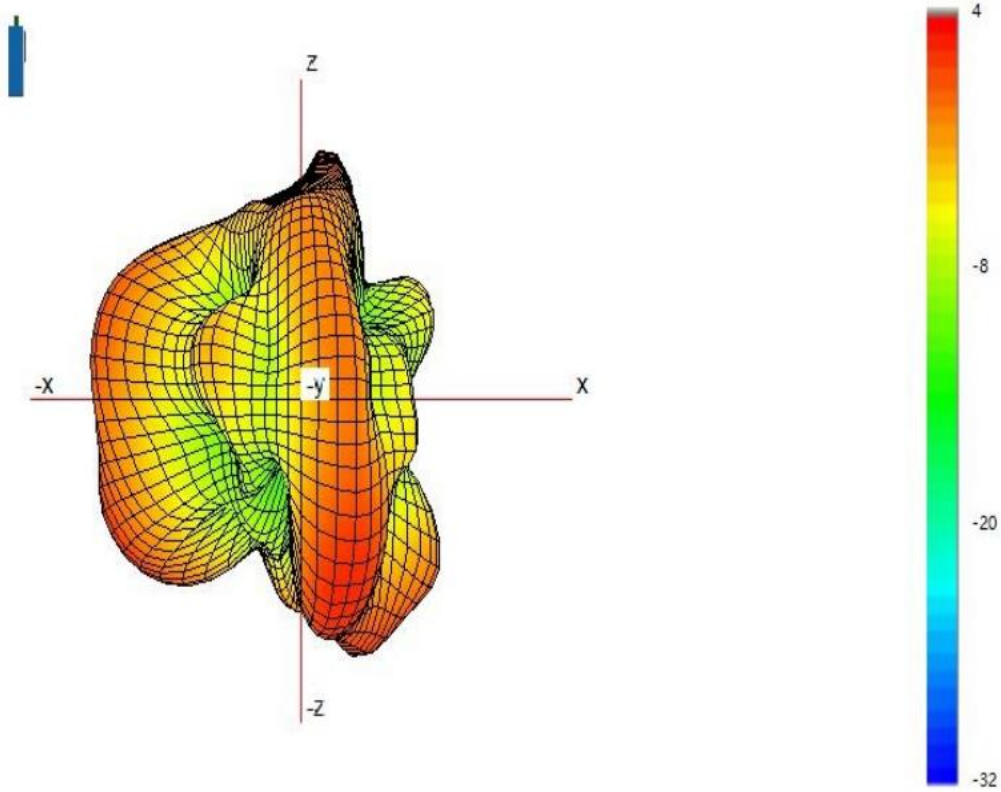
频率/MHz	2412	2442	2500
电压驻波比	1.6478	1.6672	2.2275

频率/MHz	2412	2442	2500
最大增益/dBi	3.91	3.67	2.64
效率/%	46.86	46.70	42.65

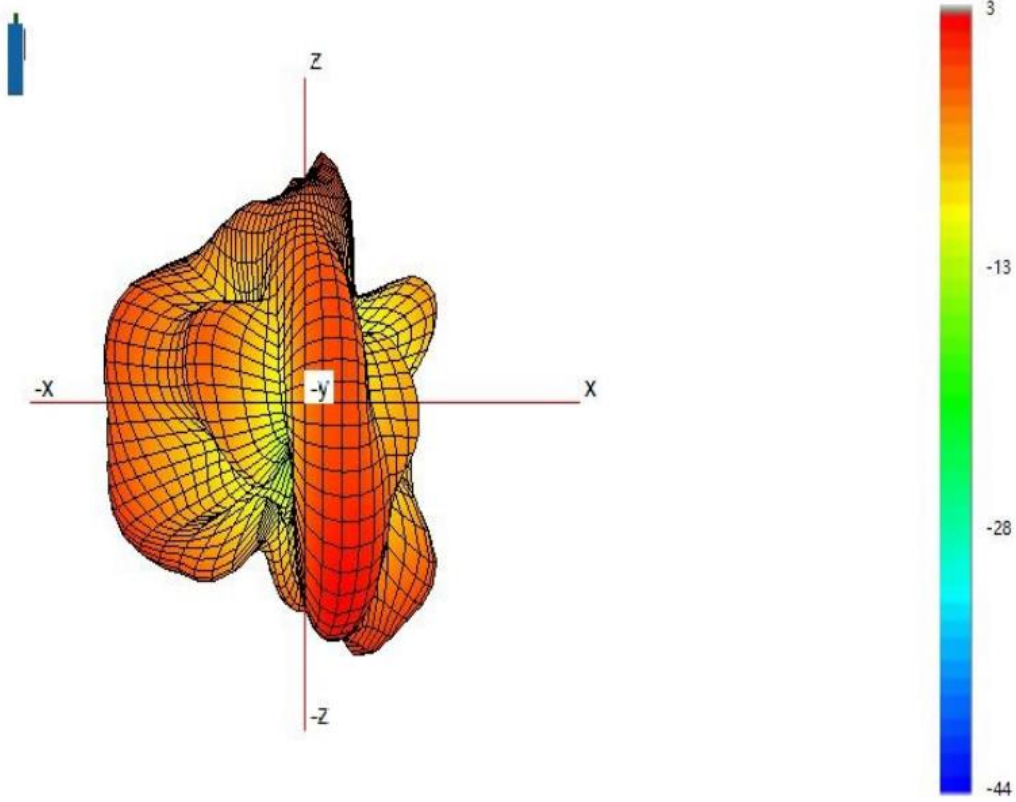
(4) 2412MHz 的 3D 方向图:



(5) 2442MHz 的 3D 方向图:



(6) 2500MHz 的 3D 方向图:



深圳双鑫通信