

苏州云之维昊电子科技有限公司

Suzhou Yunzhiweihao CO.,LTD

产品技术规格书

SPECIFICATION

产品型号：PART NO： RCU-0714

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产品规格书版本更改记录

Version rejigger track record

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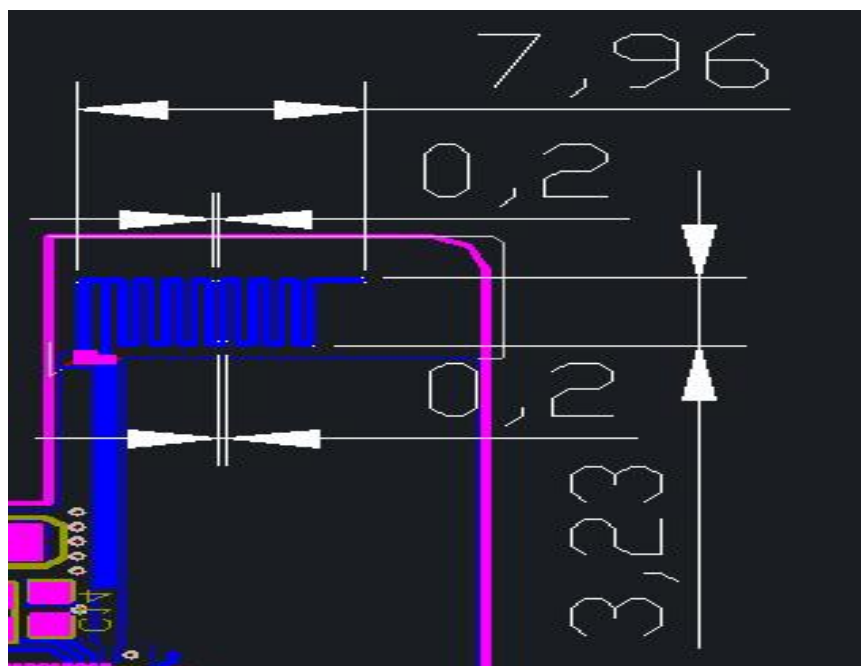
1. 概述 INTRODUCTION

本天线适用于本公司遥控器系列产品。

This antenna is suitable for our remote control series products.

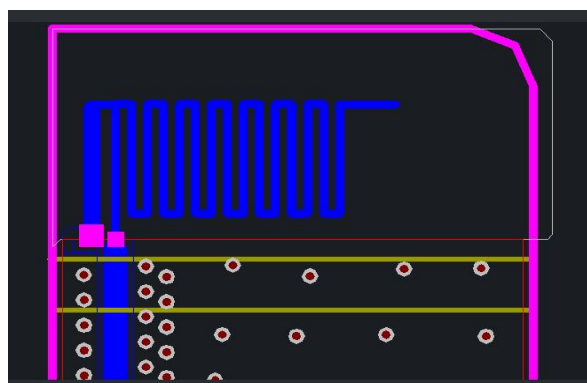
2. 外型尺寸

Dimensions (Unit: mm)



3. PCB 电路

PCB Board



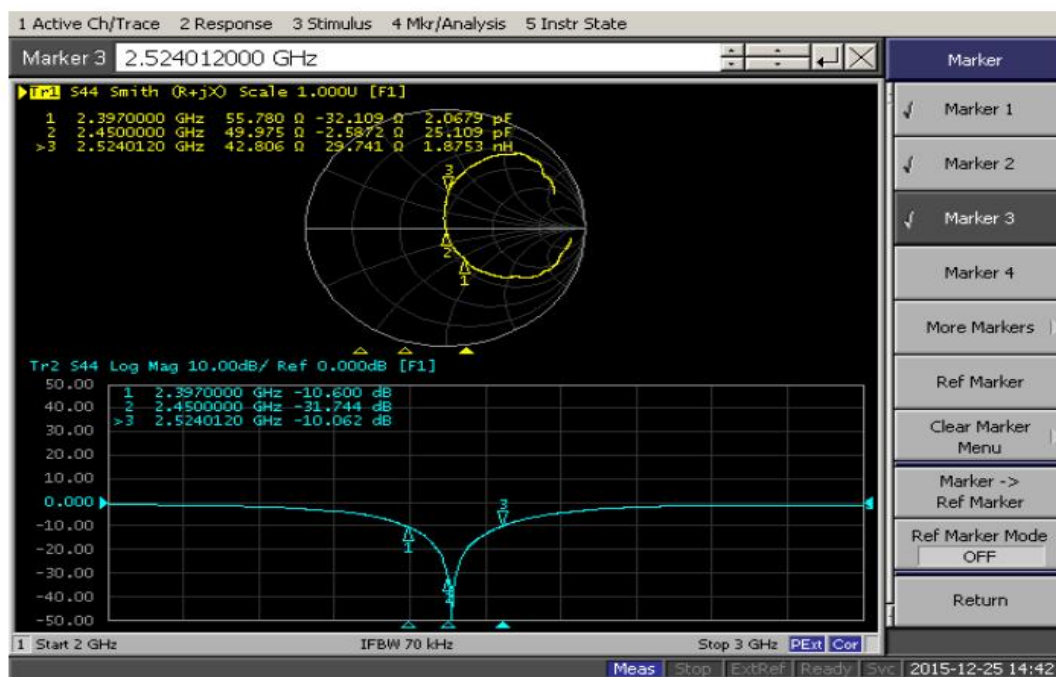
4. 电气性能

Electrical Characteristics

NO	Item (项目)	Specifications (特性)
4.1	Central Frequency 中心频率 (No matching)	2875MHz
	(带匹配电路测试) After Matching	2450 MHz
4.2	Band Width 通带宽度	100MHz typ.
4.3	Peak Gain 峰值增益	5.19 dBi
4.4	V. S. W. R 驻波比	≤2.0
4.5	Polarization 极化方式	Linear 线性
4.6	Azimuth Beam width 方位角	Omni-directional 全向
4.7	Impedance 阻抗	50 Ω

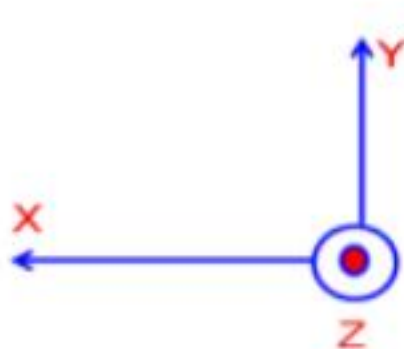
5. 特性曲线

Characteristic curve

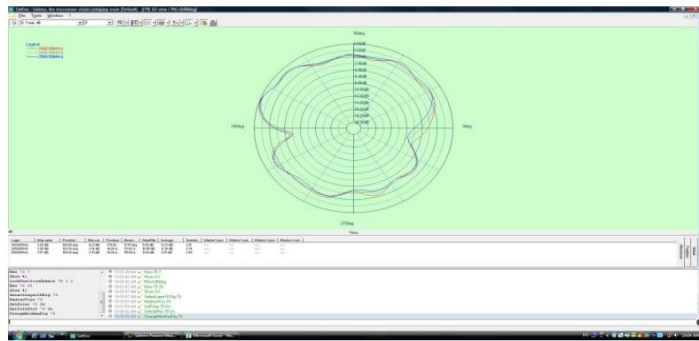


6. 方向图

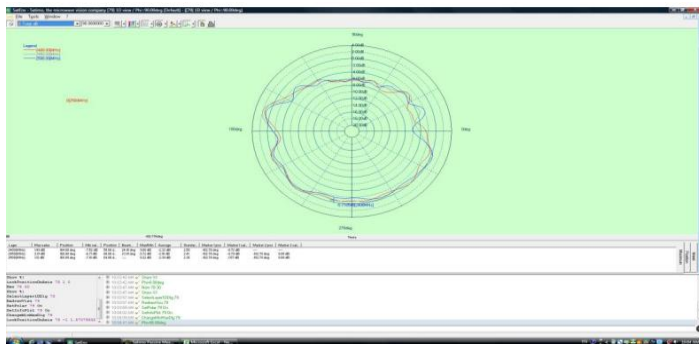
Radiation Pattern



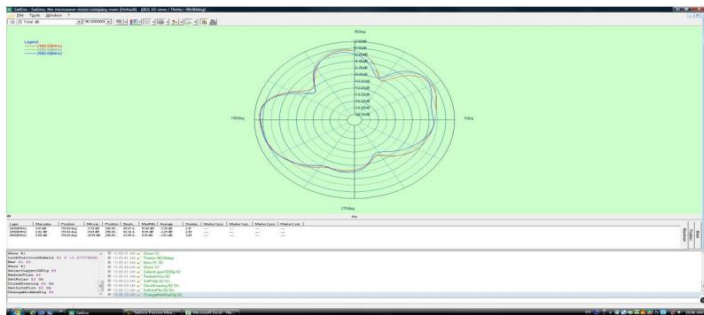
X-Z Plane



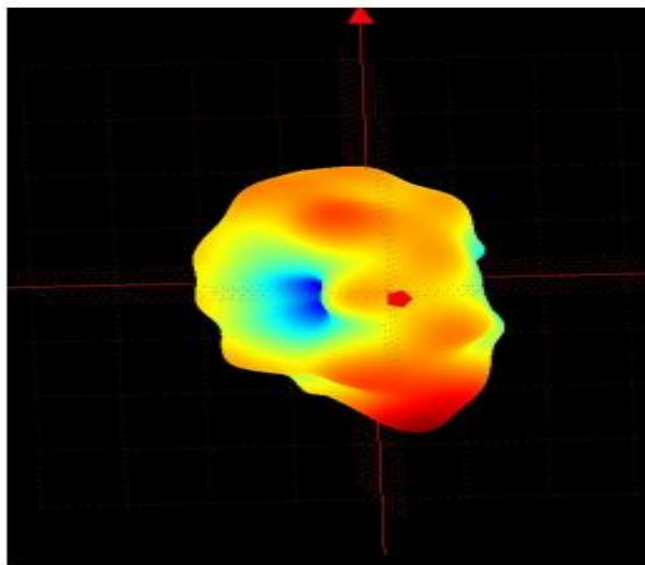
Y-Z Plane



X-Y Plane



3D Radiation Pattern



Frequency (MHz)	2400	2450	2500
Avg. Gain (dBi)	-0.23	-0.36	-0.51
Peck Gain (dBi)	4.98	5.19	4.55
Efficiency (%)	70	71.2	69

7. 可靠性试验后允许误差 Post Dependability Tolerance

经可靠性试验后允许比起始读数偏差见下表

Post Dependability Tolerance (Refer to the table)

No.	Item （项目）	Post Dependability Tolerance (可靠性试验后允许附加误差)
7.1	Central Frequency 中心频率	±5 MHz
7.2	Band Width 通带宽度	±5 MHz
7.3	Gain 增益	±0.1 dBi
7.4	V.S.W.R (in BW) 驻波比	±0.1