



产 品 技 术 规 格 书

SPECIFICATION

产品型号 PART NO : HLX201212506A08

RoHS Compliant Parts

深圳合立讯科技有限公司

SHENZHEN HEIXUN TECHNOLOGY CO.LTD.

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Manufacturer

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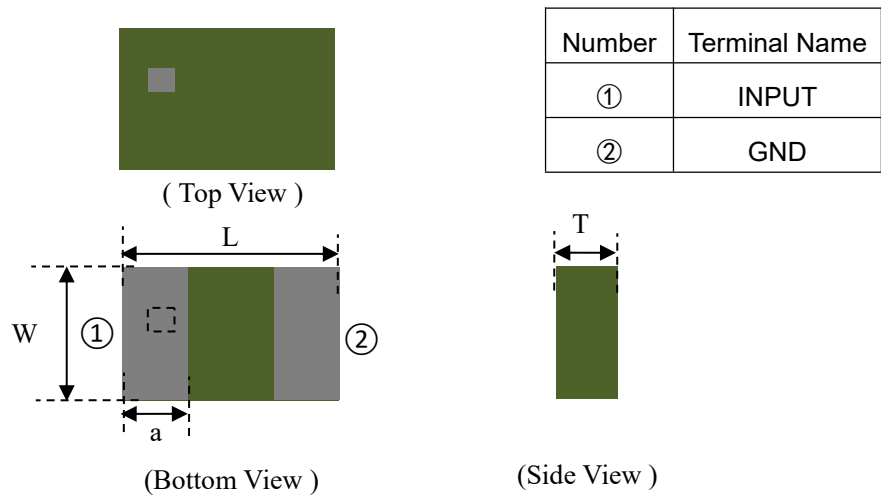
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1. 概述 INTRODUCTION

Antenna Type: Ceramic Antenna

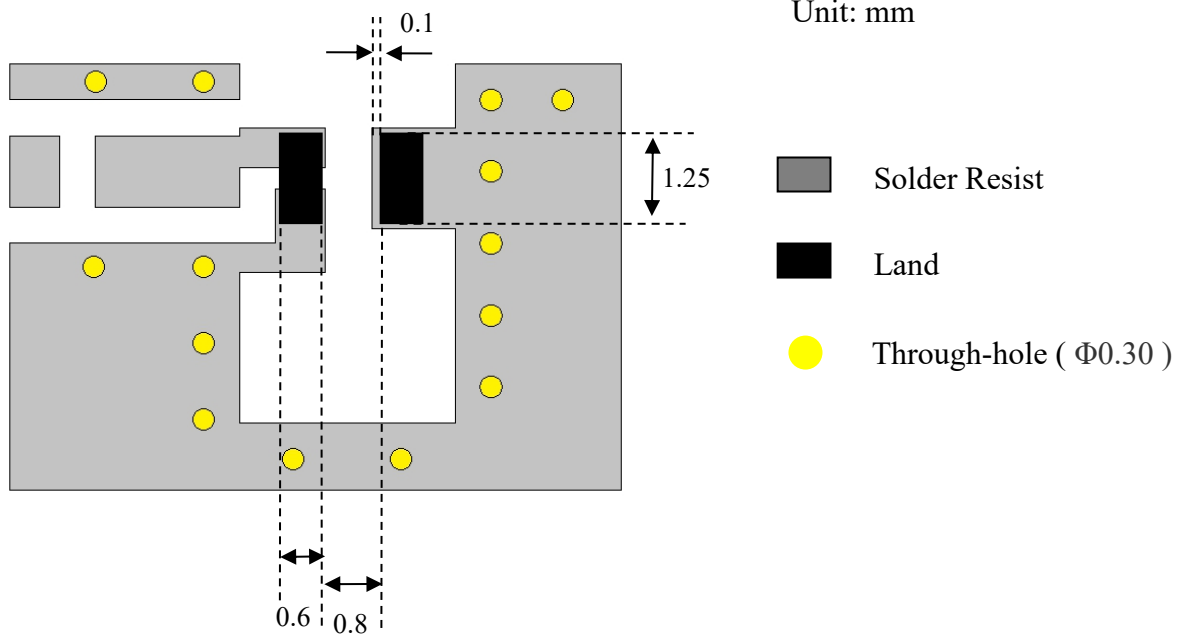
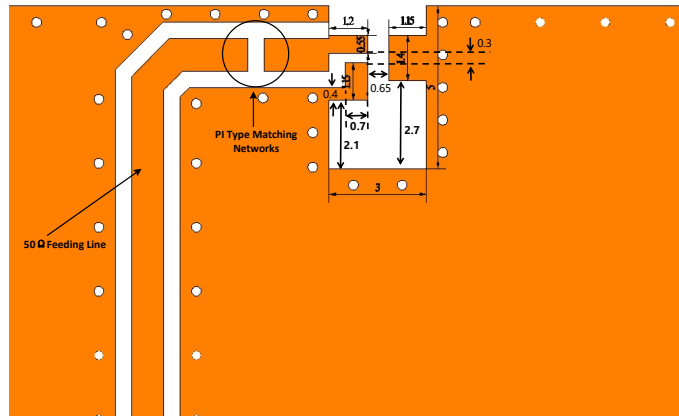
2. 外型尺寸及焊盘尺寸 Dimensions (Unit: mm)



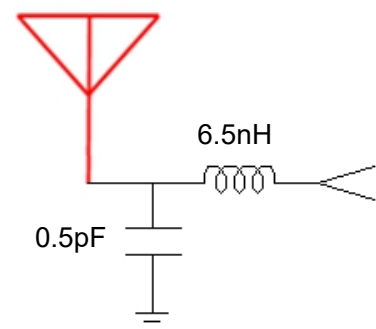
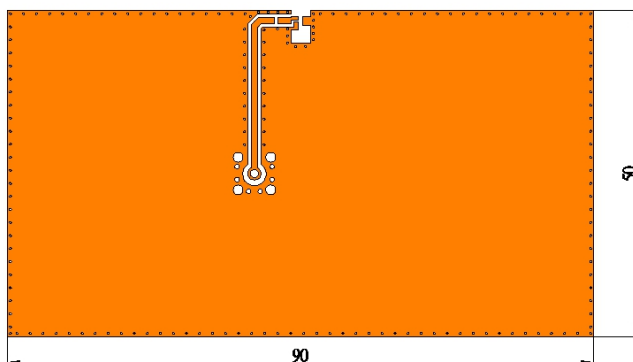
Symbols	L	W	T	a
Dimensions	2.0+/-0.2	1.25+/-0.2	0.6+/-0.1	0.6+/-0.1

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4. 测试板和匹配电路 Evaluation Board and Matching Circuits



Manufacturer

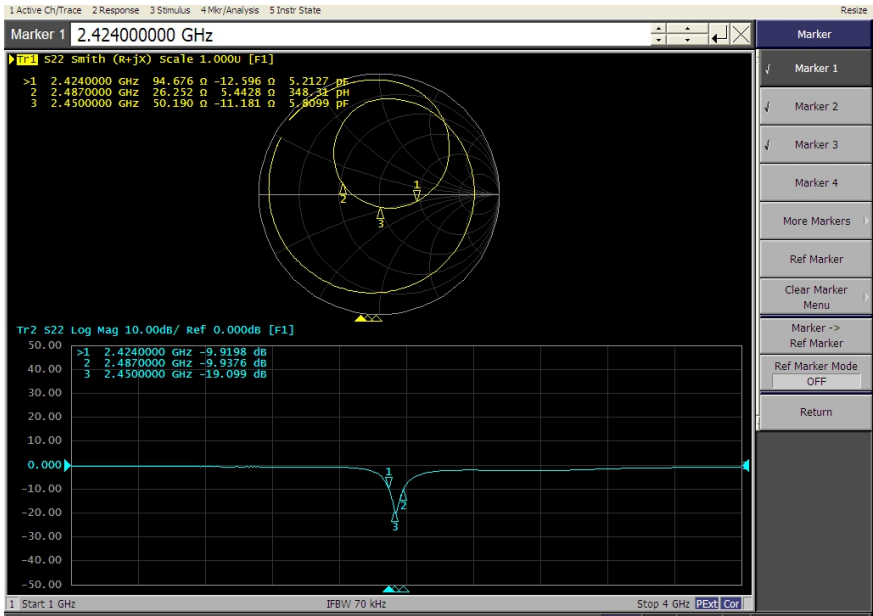
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5. 电气性能 **Electrical Characteristics**

No.	Item （项目）	Specifications （特性）
5.1	Working Central Frequency 中心工作频率 (After matching)	2450 MHz
5.2	Band Width 通带宽度	65MHz typ.
5.3	Peak Gain 峰值增益	2.7 dBi
5.4	V.S.W.R (in BW) 驻波比	≤2.0
5.5	Polarization 极化方式	Linear 线性
5.6	Azimuth Beam width 方位角	Omni-directional 全向
5.7	Impedance 阻抗	50 Ω

6. 特性曲线 **Characteristic curve**

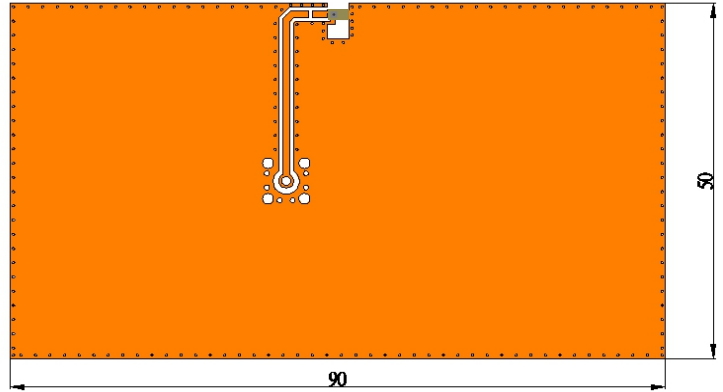
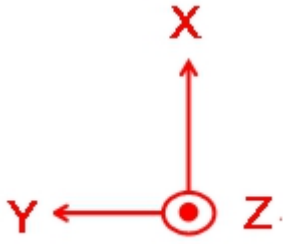


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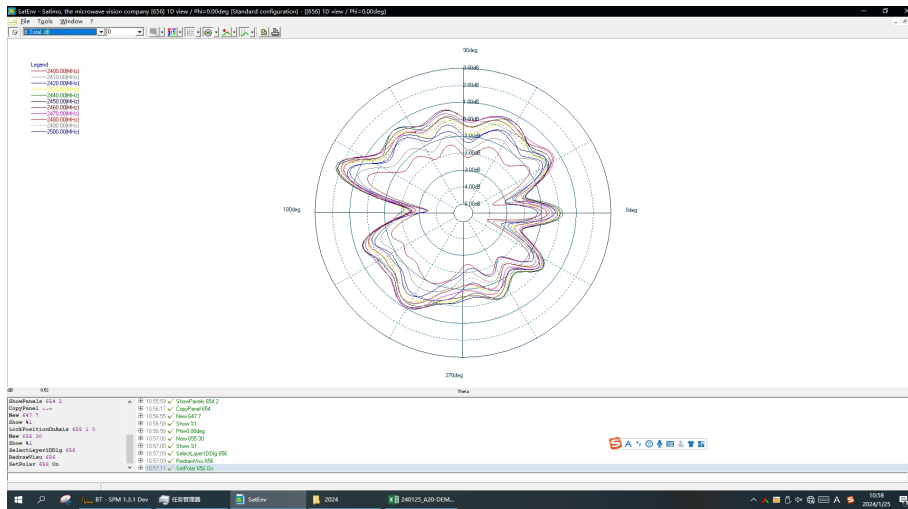
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7 方向图

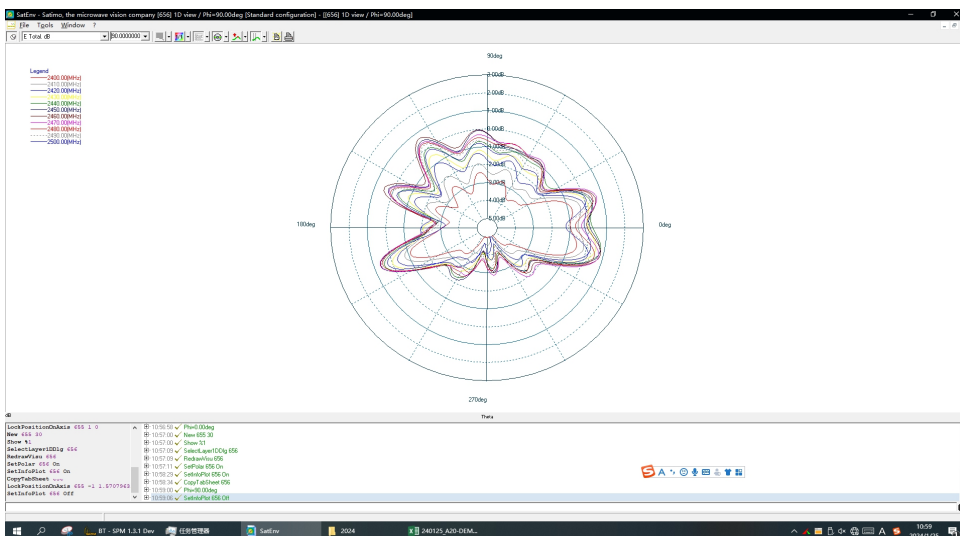
Radiation Pattern



X-Z Plane



Y-Z Plane

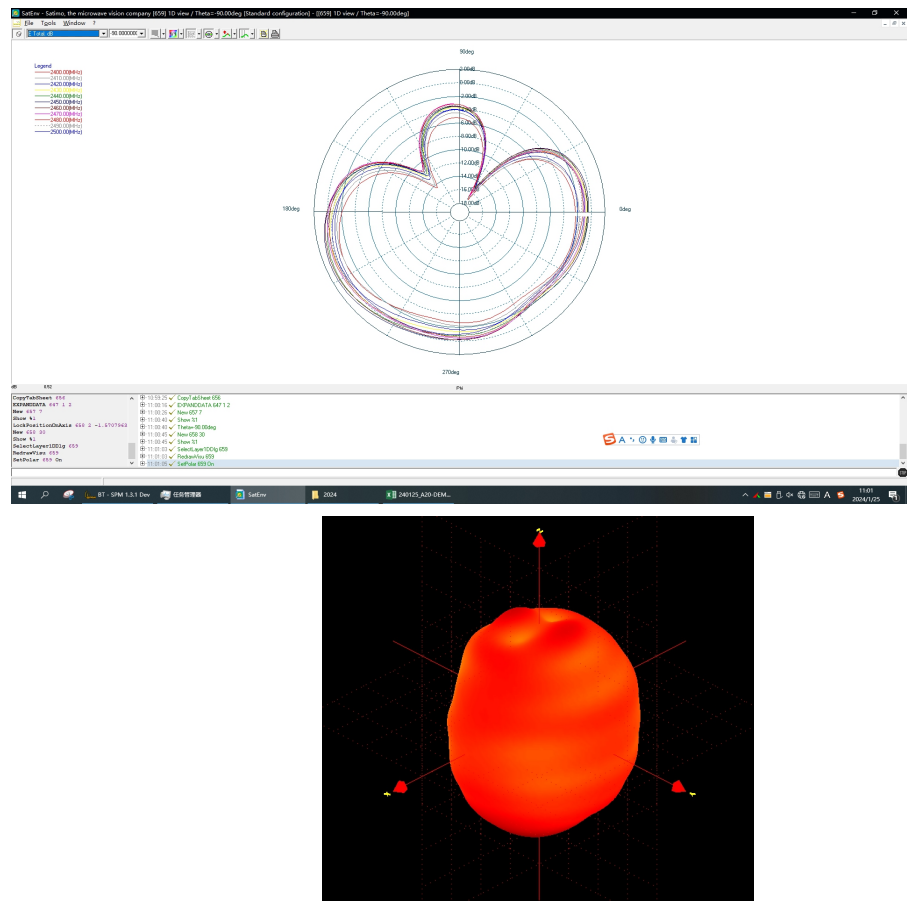


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X-Y Plane



Frequency (MHz)	Efficiency (%)	Peck Gain (dBi)	Avg. Gain (dBi)
2400	52.51	0.34	-3.02
2410	59.50	0.92	-2.50
2420	67.51	1.58	-1.94
2430	72.34	1.98	-1.62
2440	77.51	2.18	-1.32
2450	80.89	2.70	-1.14
2460	80.92	2.16	-1.16
2470	78.73	1.99	-1.27
2480	75.11	1.84	-1.47
2490	71.93	1.75	-1.66
2500	66.55	1.43	-2.00

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