

# P/N: SURL321605T66

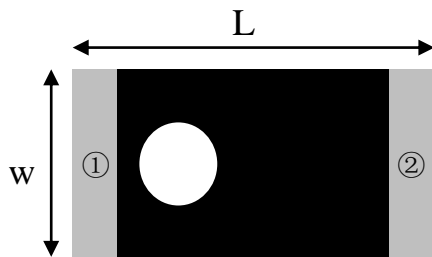
## Features

1. Surface Mounted Devices with a small dimension of 3.6 x 1.6 x 0.5 mm<sup>3</sup> meet future miniaturization trend.
2. Embedded and LTCC (Low Temperature Co-fired Ceramic) technology is able to future integrate with system design as well as beautifying the housing of final product.
3. High Stability in Temperature / Humidity Change

## Applications

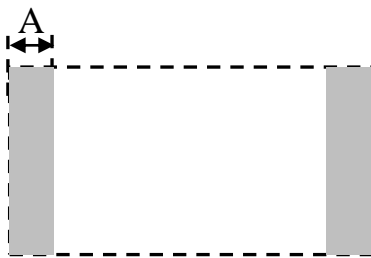
1. Bluetooth
2. Wireless LAN
3. ISM band 2.4GHz wireless applications

## Dimensions (Unit: mm)



( Top View )

Number	Terminal Name
①	INPUT
②	NC



( Bottom View )



( Side View )

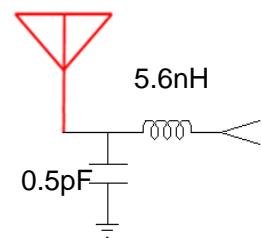
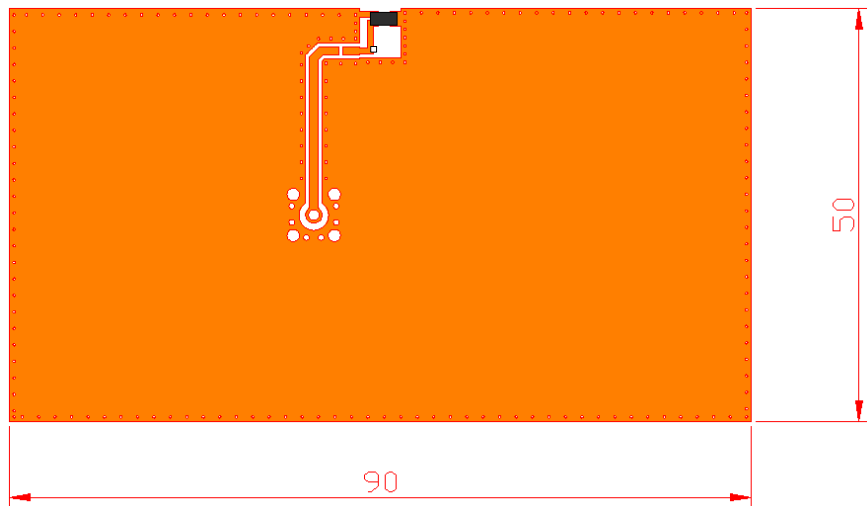
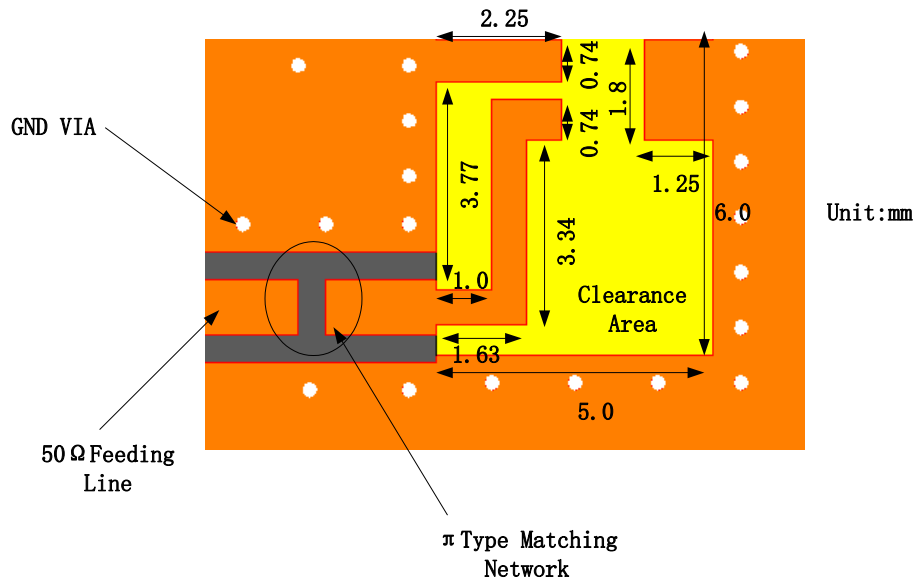
Symbols	L	W	T	A
Dimensions	3.2+/-0.2	1.6+/-0.2	0.5+/-0.1	0.4+/-0.1

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## Evaluation Board and Matching Circuits



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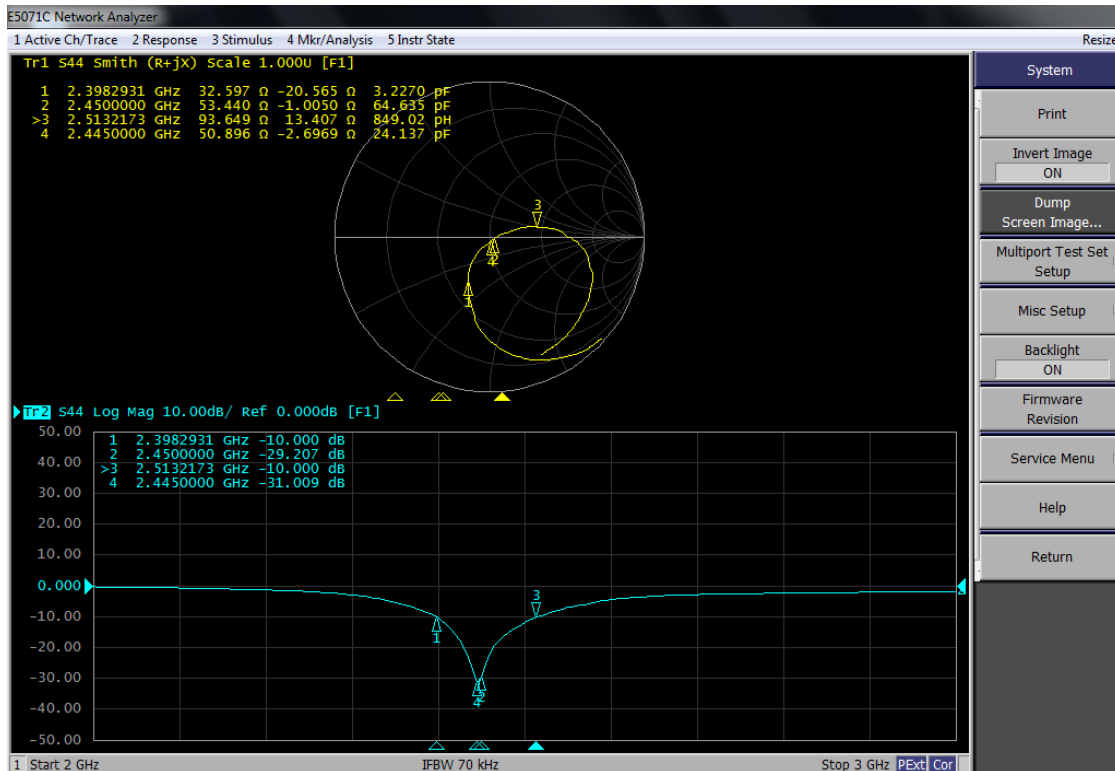
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## Electrical Characteristics

No.	Item	Specifications
1	Central Frequency	2500MHz
2	Band Width	100 MHz typ.
3	Peak Gain	4.08 dBi
4	Return Loss	$\leq 2.0$
5	Polarization	Linear
6	Azimuth Beam width	Omni-directional
7	Impedance	50 $\Omega$
8	Model Name	N/A

## Characteristic curve

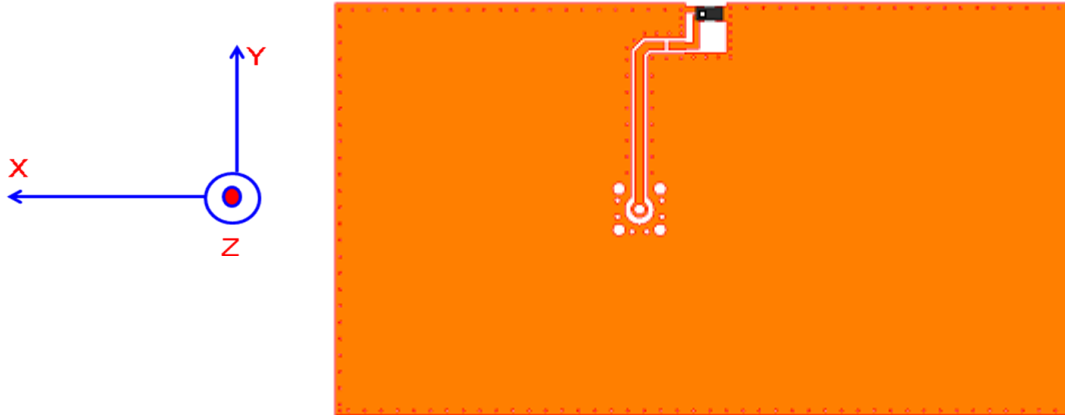


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## Radiation Pattern

coordinates:



Manufacture's Name:Kunwei Medical Electronics Co., Ltd

Address:Room 1402,Block B,Building 2,Longgang Tianan Cyber Park,  
Huangge Road,Longgang District Shenzhen Guangdong,CN518172

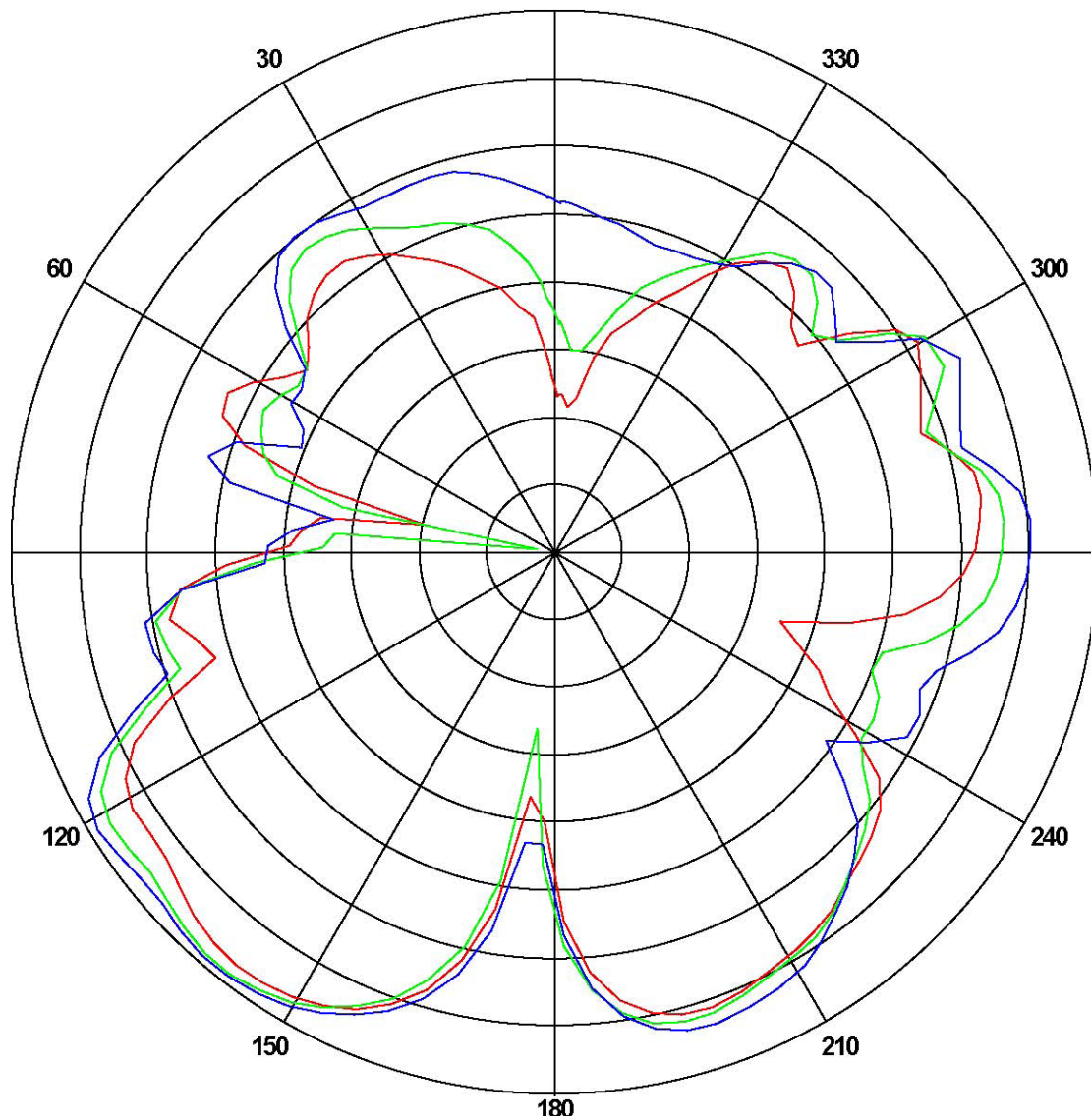
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Horizontal: 2400 MHz 2450 MHz 2500 MHz

Power (dBi)

Max: 5 Min: -35 Scale: 5/div

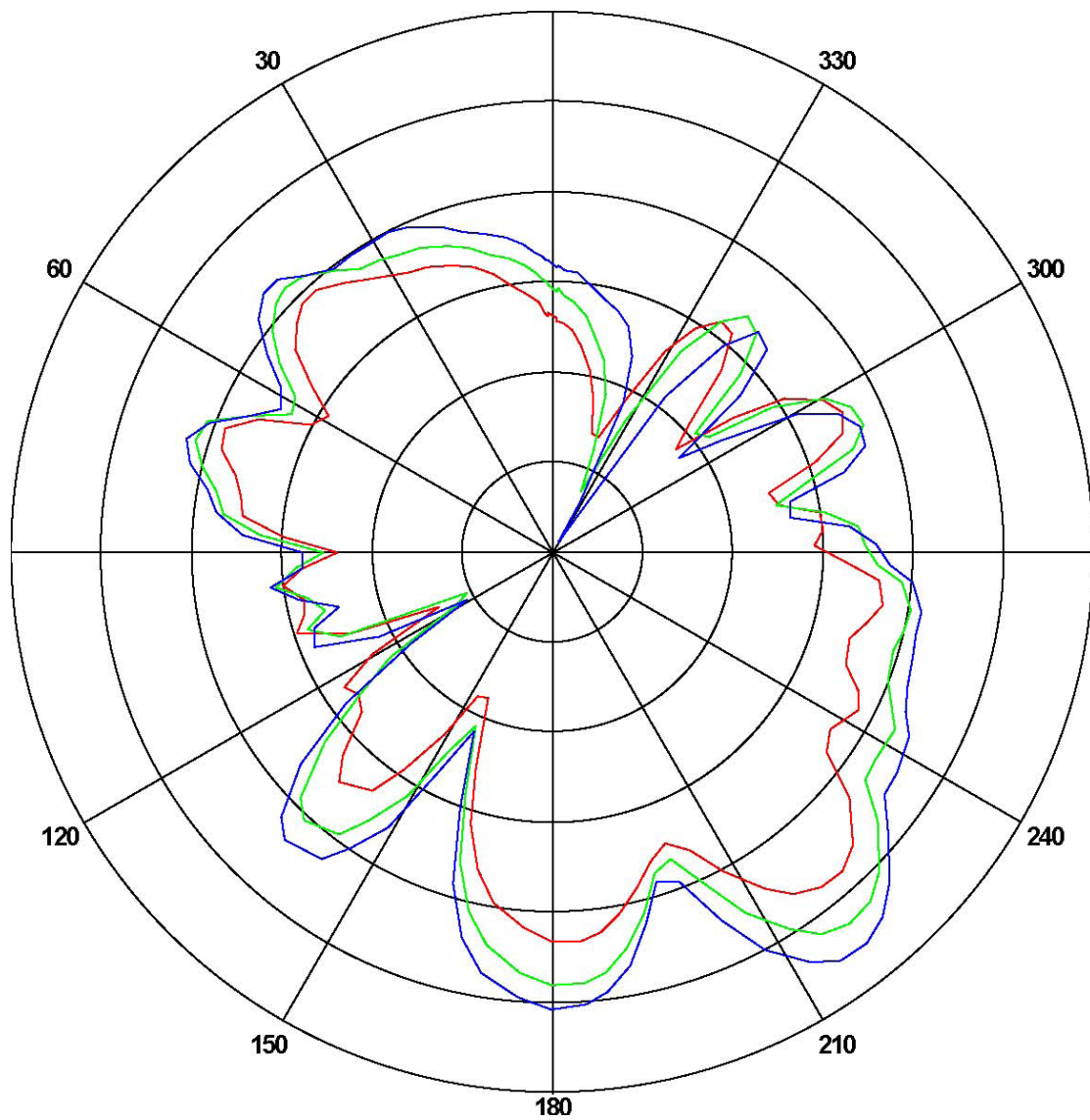


Frequency (MHz)	Gain(dB)		
	Max	Min	Avg
2400	3.93178	-25.0815	-3.48713
2450	3.95801	-33.5605	-2.88012
2500	4.08056	-19.0318	-1.79139

Vertical: 2400 MHz 2450 MHz 2500 MHz

Power (dBi)

Max: 0 Min: -30 Scale: 5/div



Frequency (MHz)	Gain(dB)		
	Max	Min	Avg
2400	-6.1530	-24.1420	-13.0295
2450	-3.7054	-26.5836	-10.6700
2500	-2.32122	-30.4301	-9.70536