

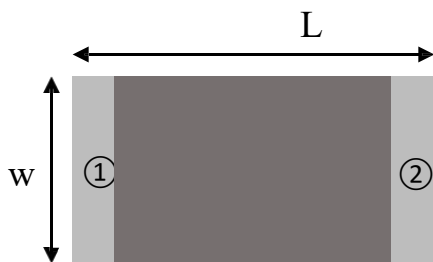
Features

- 1.Surface Mounted Devices with a small dimension of 1.6 x 0.8 x 0.8 mm meet future miniaturization trend.
- 2,Embedded and LTCC (low temperature co-fired ceramic) technology is able to integrate with system design as well as beatifying the housing of final product.
- 3.High stability and low tolerance.

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)

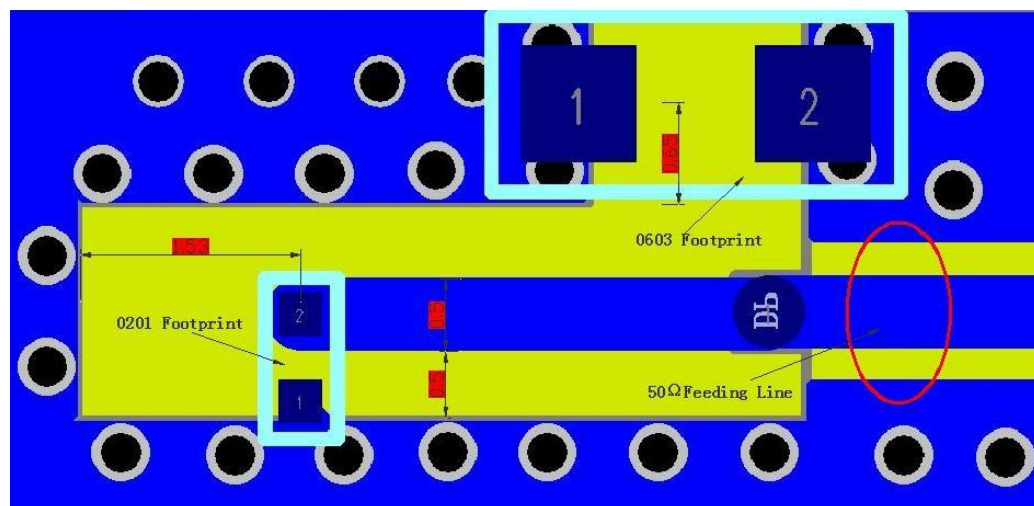
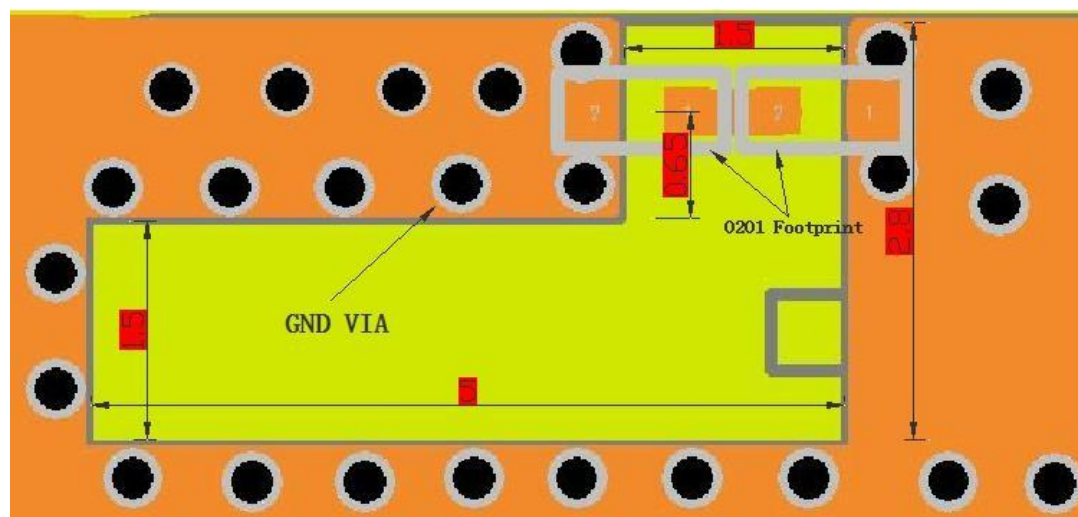
Symbols	L	W	T	A
Dimensions	1.60±0.20	0.80±0.20	0.80±0.20	0.30±0.10

Company: Shenzhen Helixun Technology Co., Ltd

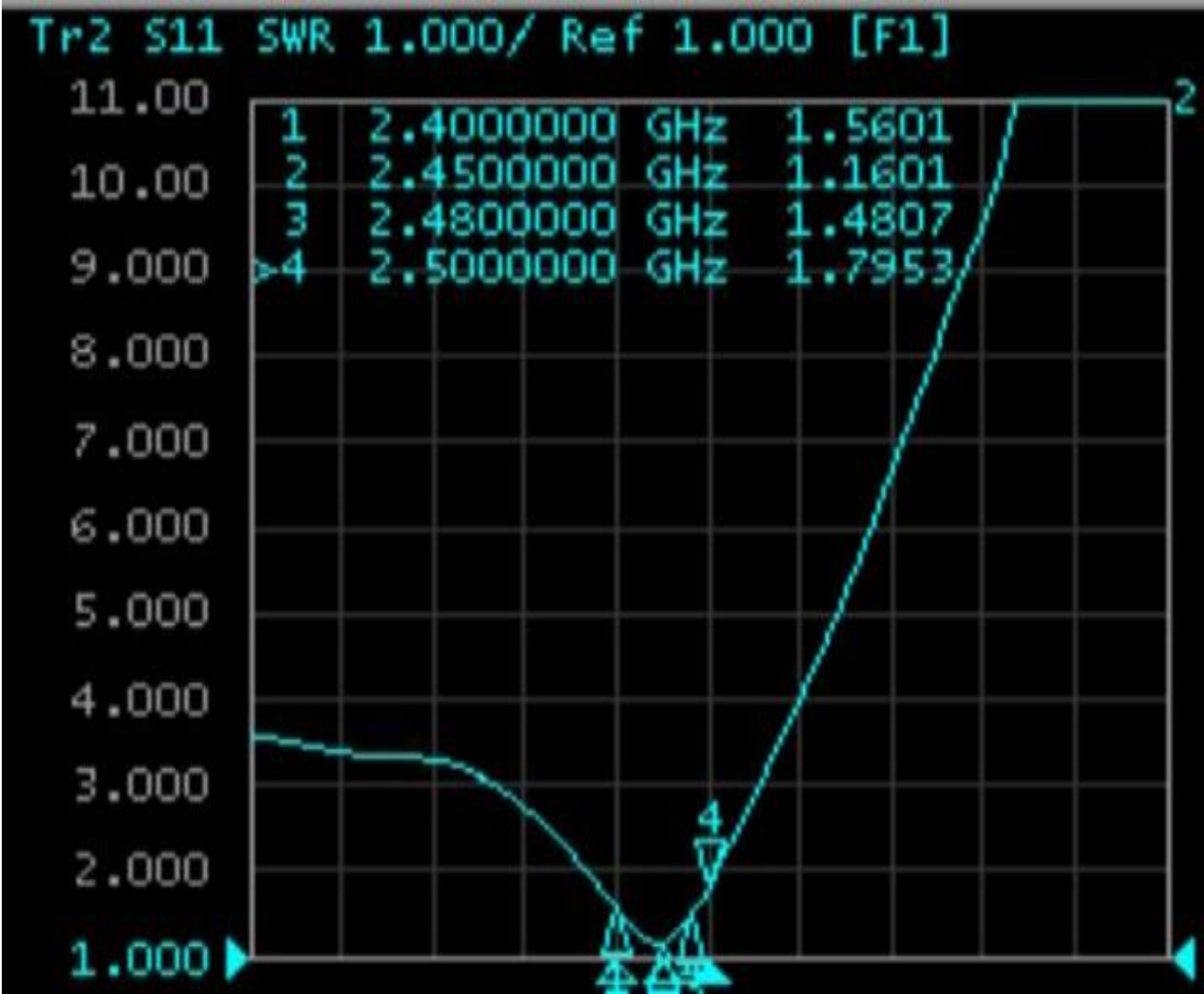
Address: 1905, Building 2, Jiufang Plaza, Tiezai Road, Gongle Community
, Xixiang Street, Bao'an District, Shenzhen

TEL: 0755-23591525, FAX: 0755-23591525

Evaluation Board and Matching Circuits



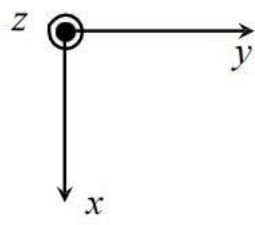
S11-Parameter



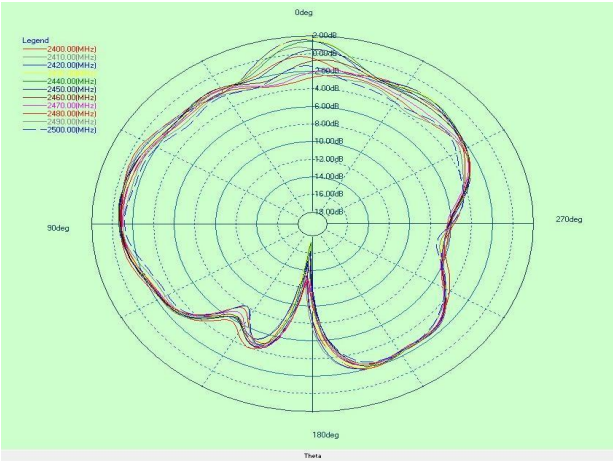
Frequency(MHz)	2400	2450	2480	2500
VSWR	1.56	1.16	1.48	1.79

Radiation Pattern

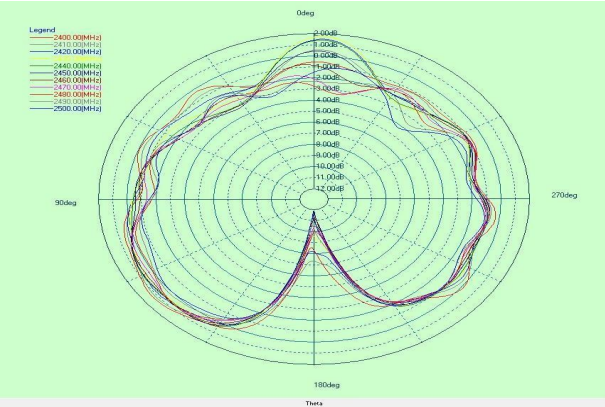
coordinates:



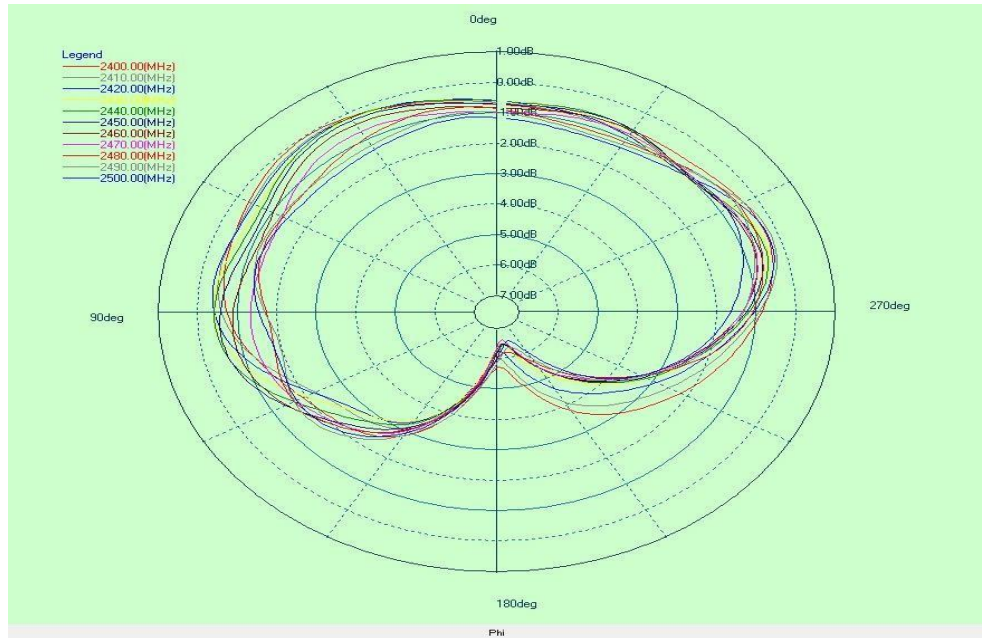
Y-Z Plane



X-Z Plane



X-Y Plane



Frequency	2400MHz	2450MHz	2490MHz
Avg. gain	1.30	0.93	0.45
Peak gain	2.7	2.6	2.5
Efficiency	57%	54%	53%