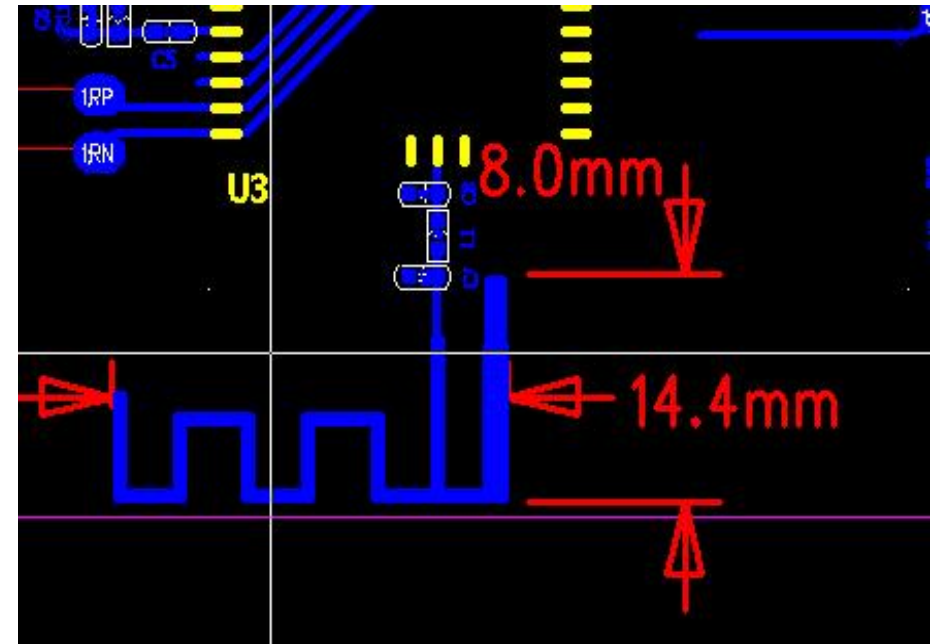


Product specification

Manufacturer: Shenzhen Hongyu Industry Co., Ltd

1. Type of antenna

(Antenna module on the system board)

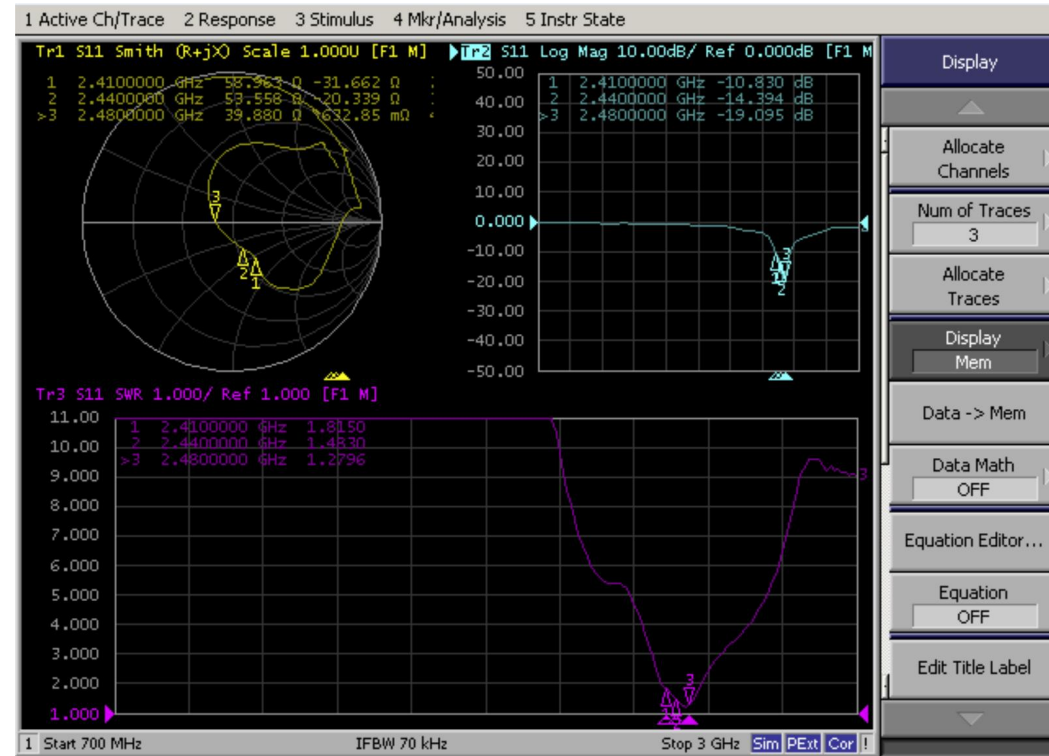


2. Electrical Characteristics

No.	Item	Specifications
1	Frequenc Range	2400 ~ 2500MHz
2	Band Width	100MHz typ.
3	The MAX gain	1.89 dBi
4	V. S. W. R	≤ 2.0
5	Polarization	Linear
6	Azimuth Beam width	Omni-directional
7	Impedance	50 Ω

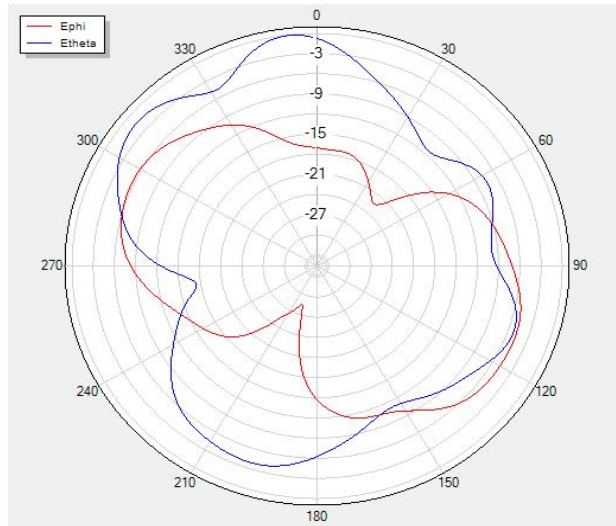
All the technical data and information contained herein are subject to change without prior notice

3. Return Loss

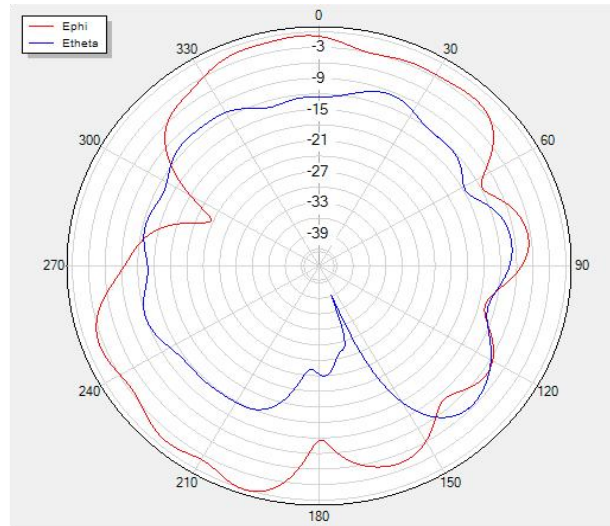


4. Radiation Pattern

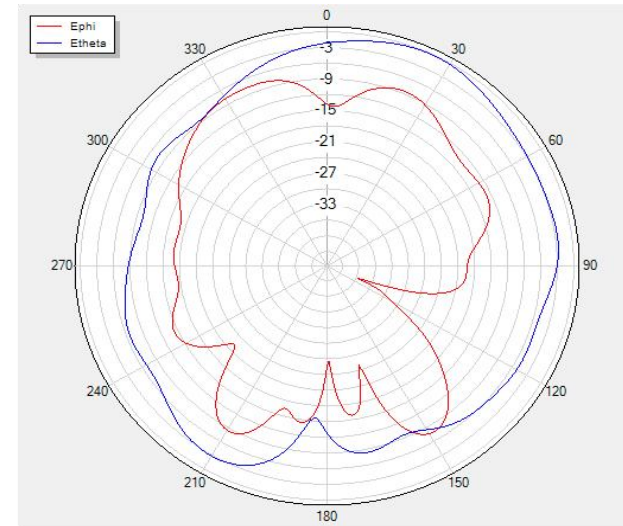
Theta=90 freq=2440MHz



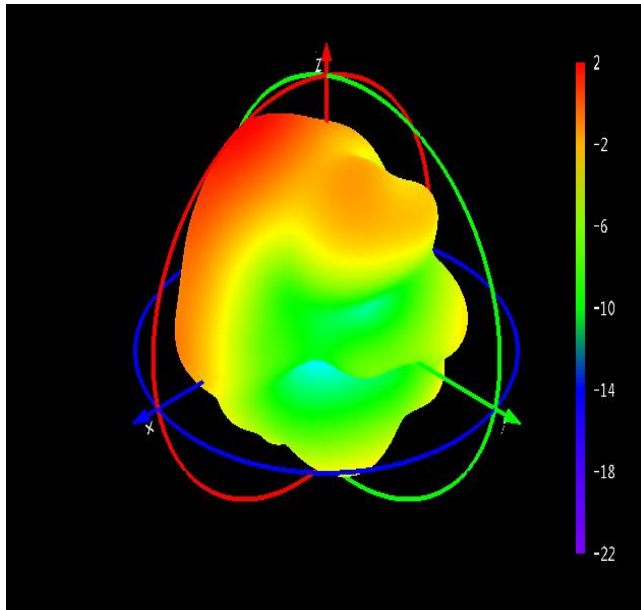
Phi=90 freq=2440MHz



Phi=0 freq=2440MHz



3D Radiation Pattern



Frequency (MHz)	2400	2450	2500
Avg. Gain (dBi)	1.75	1.89	1.12
Efficiency (%)	45.08	45.41	49.3