

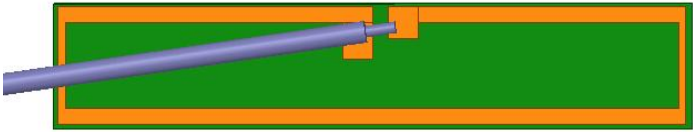
RT-8254 Antenna Report

Date	Description	Author	Note
20240512	Initial release	Tony.Zhong	None

1. Antenna Description:

Antenna type	PCB folded antenna
Model name	RT-8254
Antenna gain	3dBi(Typical)
Frequency range	2.4GHz~2.5GHz
Connector type	cable
Location of measurement	SHENZHEN RTI-TEK CO.,LTD.

2. Antenna Model

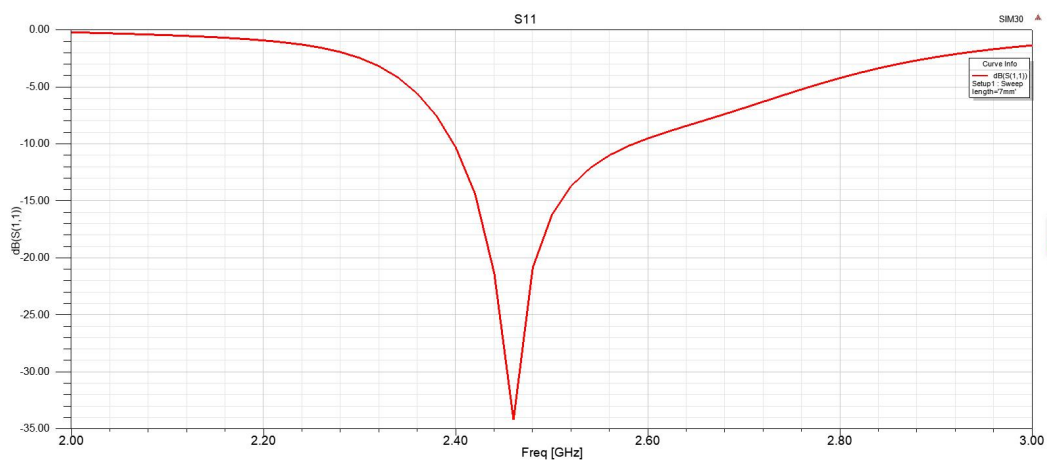


3. Antenna Specification

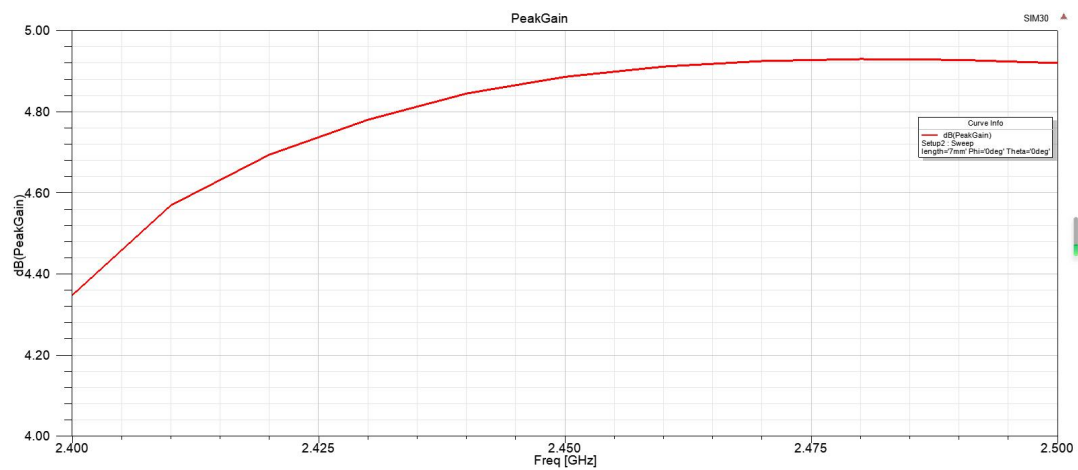
3.1 VSWR

Frequency	S11
2.4GHz~2.5GHz	<-10dB

S11:

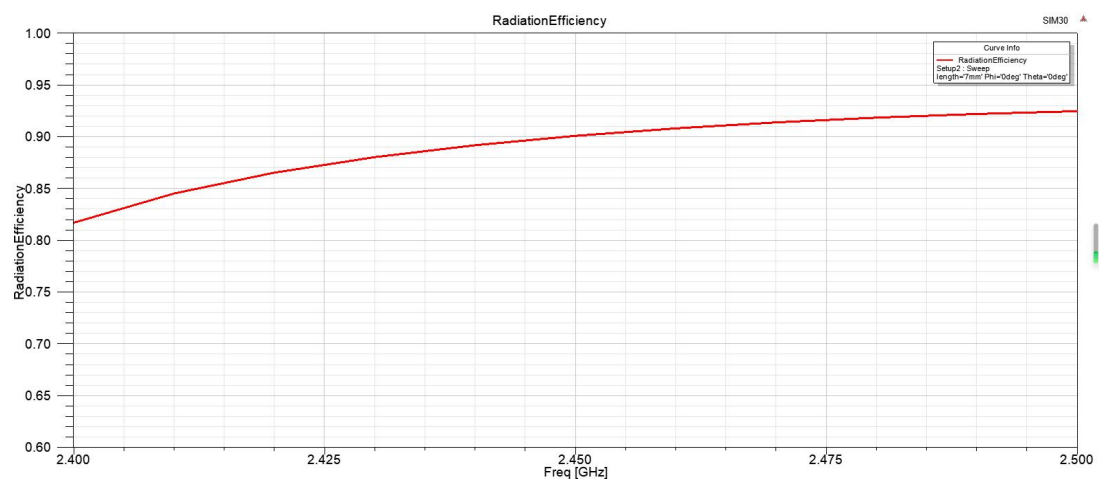


3.2 Gain



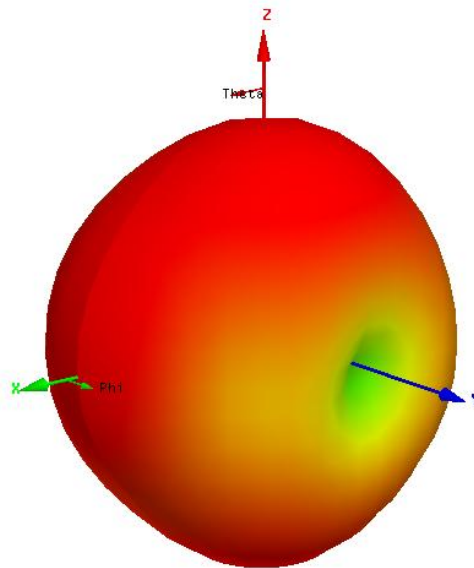
3.3 Efficiency

Radiation efficiency is more than 80%.

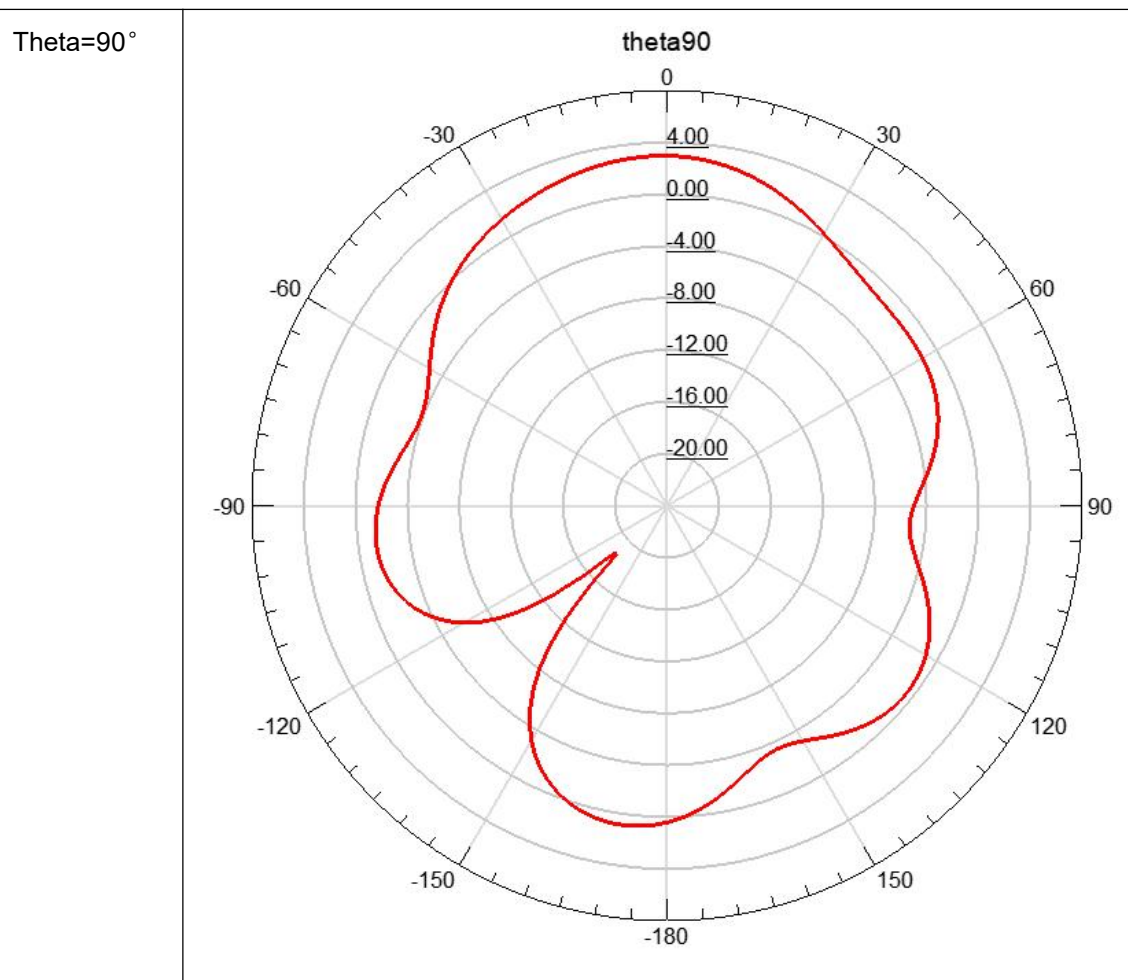


3.4 Antenna Radiation Pattern

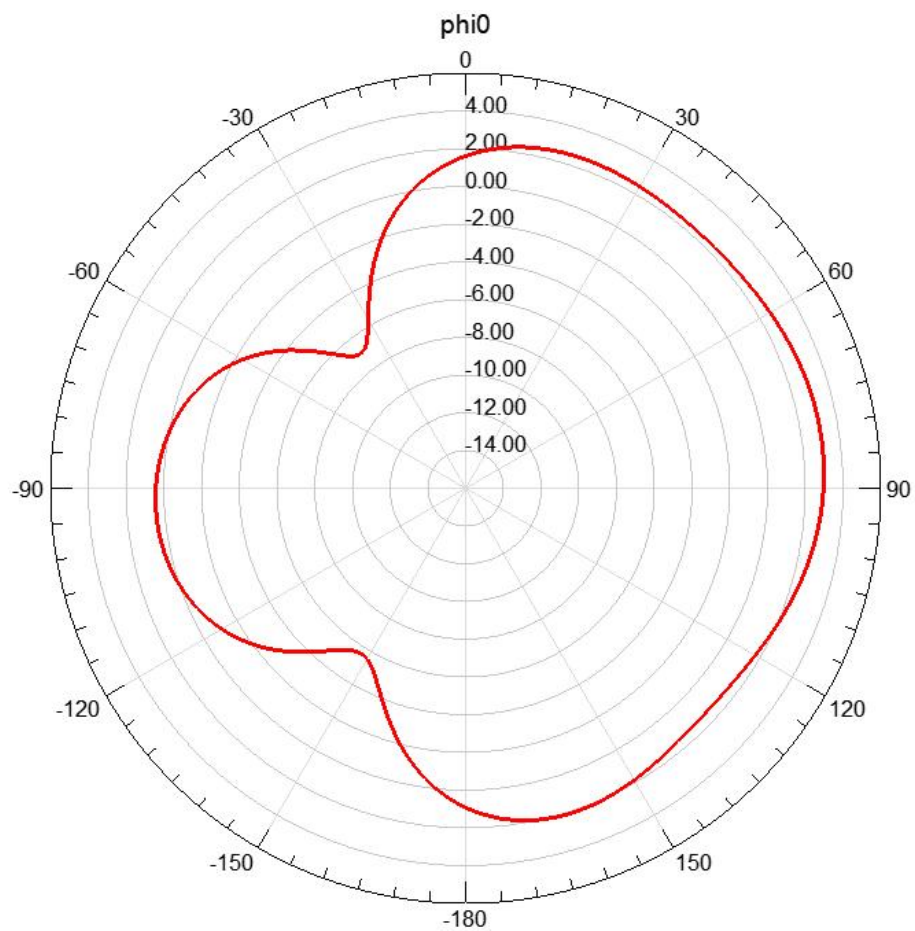
3.4.1 3D Pattern

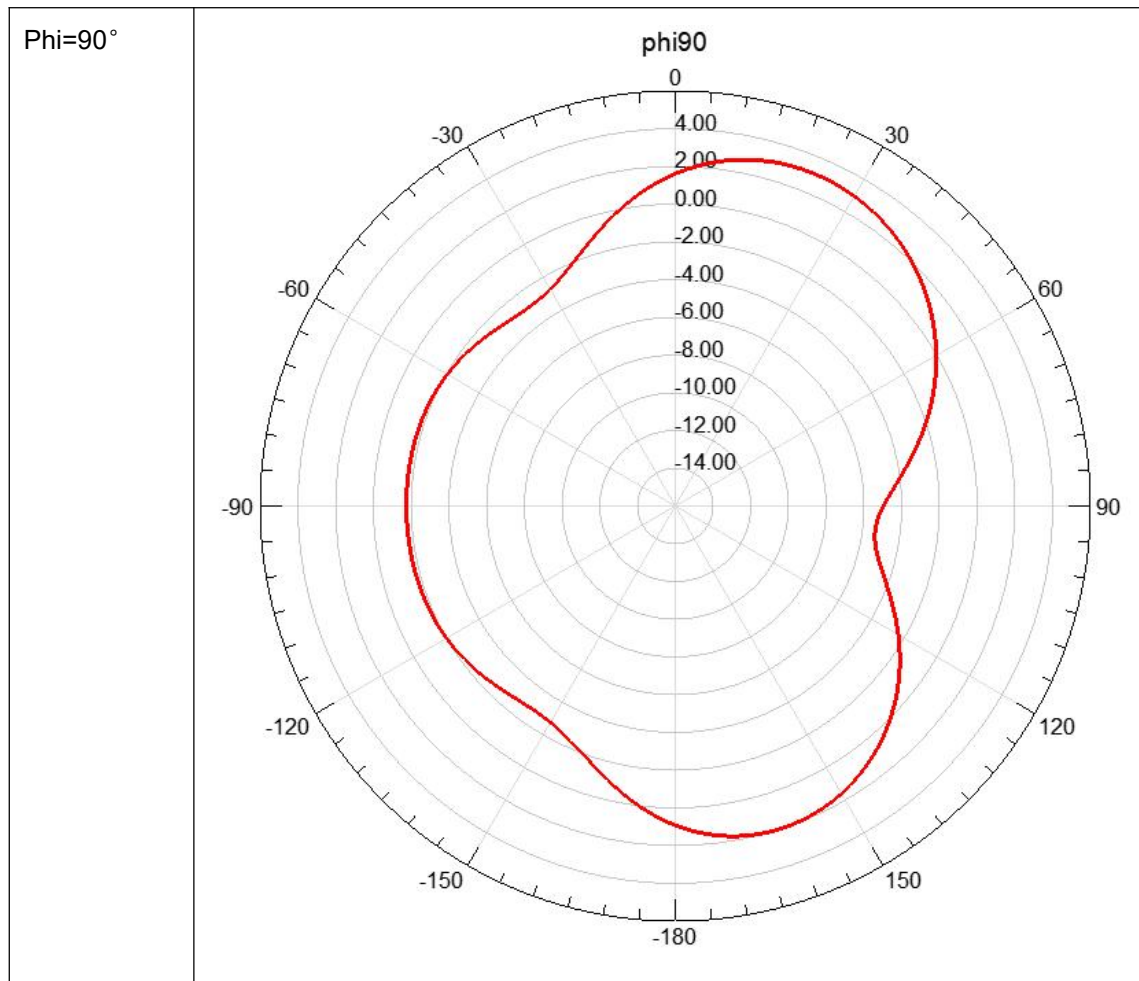


3.4.2 2D Pattern



Phi=0°





4. Summary

All indexes of the antenna meet the requirements.