

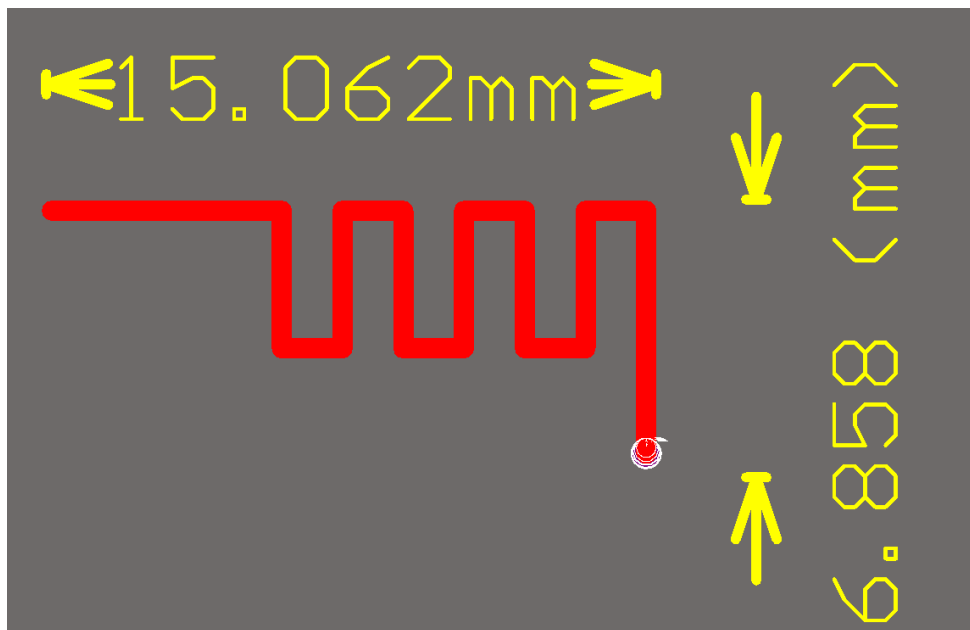
Product specification

Quick Reference Date

Model Name	2.4G ANT	
Frequenc Range	2400 ~ 2500GHz	
Ant. Port Input Pwr. (dBm)	0 (Typ. BT class 2 output power)	
Peak EIRP(dBm)	-1.2	
Directivity (dBi)	1 (all direction antenna)	
Input Impedence(ohm)	50	
Polarization Type	V ertical & Horizontal	
V . S . W . R	< 3	
Manufacture	Zhong Shan City Richsound Electronic Indust rial Ltd	

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

Antenna Layout & module on the system board



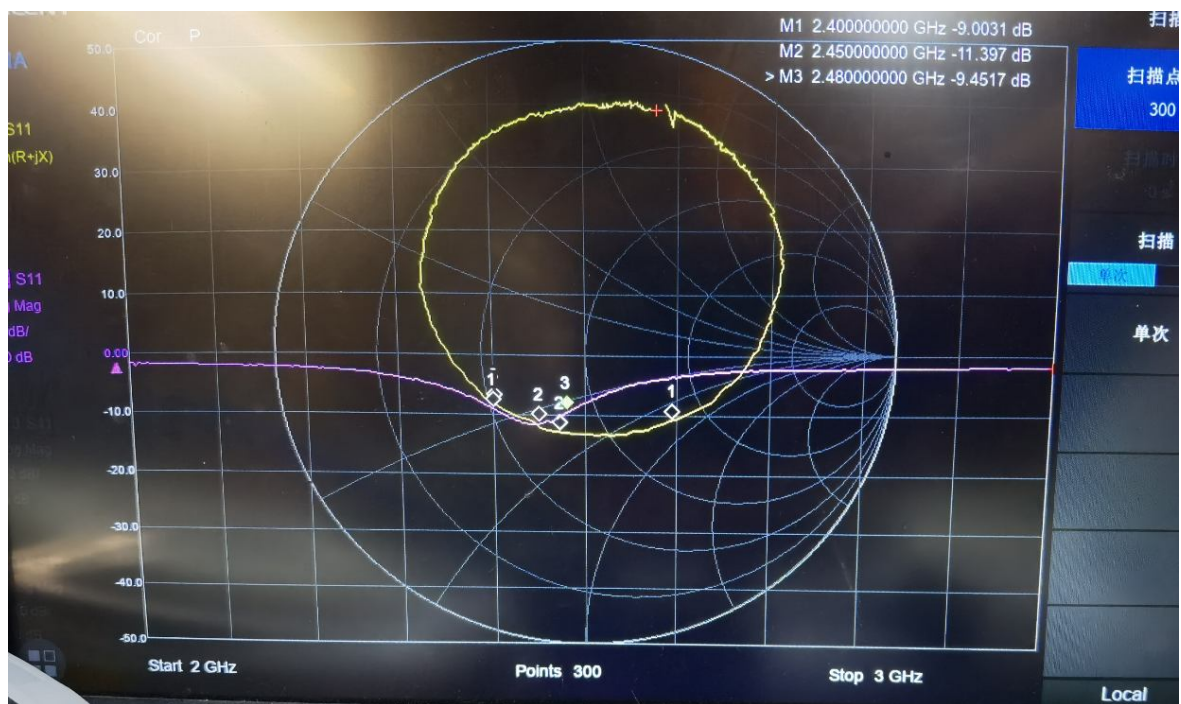
Antenna Gain

Freq(Mhz)	Max(dB)	Min(dB)	Gain(dBi)	Effi(%)
2402	-0.24	-16.8	-0.24	31
2440	0.1	-15.6	0.1	33
2480	-0.41	-19.7	-0.41	29

ERP

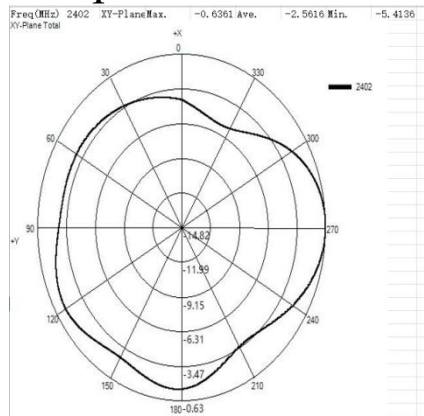
Freq(Mhz)	TRP (dBm)	NHPRP±45/NHPIS±45 (dBm)	NHPRP±30/NHPIS±30 (dBm)
2402	-4.439329833	-5.472563248	-6.58401478
2440	-4.833811857	-5.845939228	-6.932441487
2480	-1.277852118	-2.230627413	-3.625901541

Return Loss

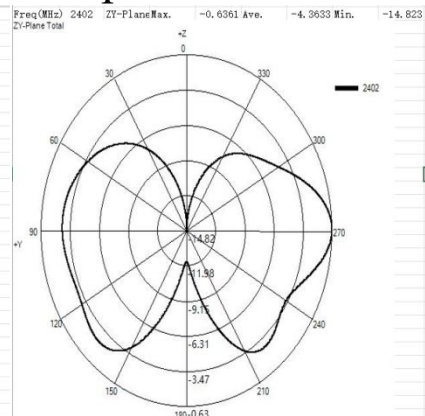


2D radiation pattern diagram

XY-plane



XZ-plane



YZ-plane

