

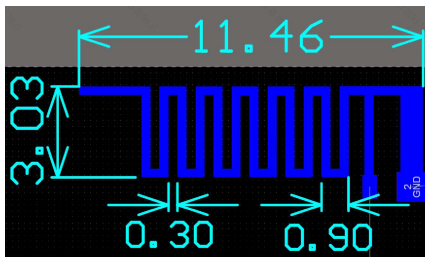
Product specification

Quick Reference Date

	Antenna module on the system board	
Frequenc Range	2400 ~ 2500GHz	
Ant. Port Input Pwr. (dBm)	0 (Typ. BT class 2 output power)	
Peak EIRP(dBm)	-1.2	
Directivity (dBi)	4.34 (all direction antenna)	
Input Impedence(ohm)	50	
Polarization Type	Vertical & Horizontal	
V.S.W. R	< 3	
Type of Antenna	PCB antenna	
Manufacture	Xiamen WEITERUL ELECTRONI TECHNOLOGY CO., LTD	
Address	302,3rd Floor,402,4th Floor,No.883-1,Lianting Road,Xiamen Torch High-tech Zone(Xiang an)Industrial Zone	

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

Antenna Layout & module on the system board



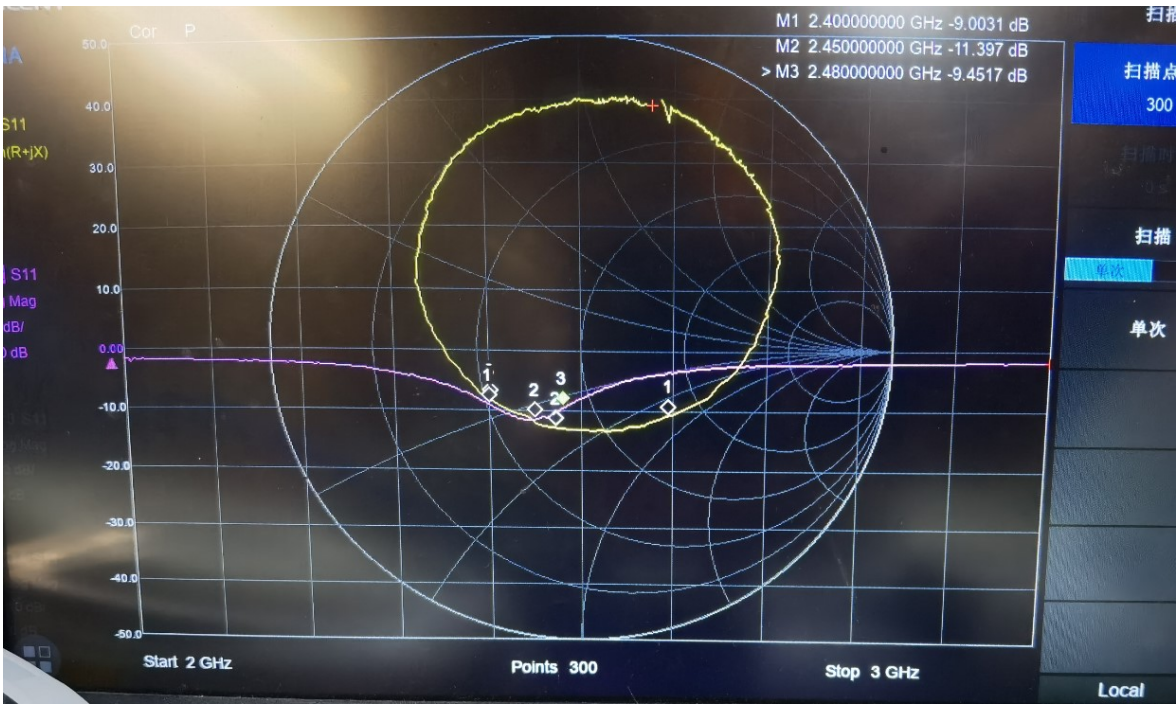
Antenna Gain

Freq(Mhz)	Max(dBi)	Min(dBi)	AVG(dBi)
2402	-0.63	-5.41	-2.56
2440	-0.77	-5.93	-2.85
2480	4.34	-8.03	-0.62

ERP

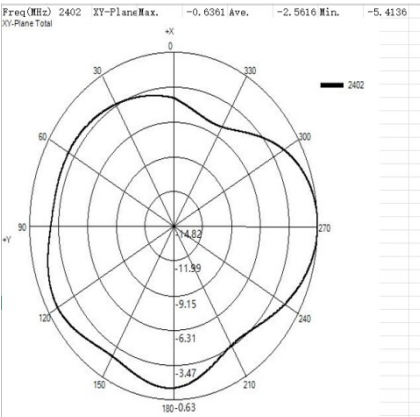
Freq(Mhz)	TRP (dBm)	NHPRP±45/NHPIS±45 (dBm)	NHPRP±30/NHPIS±30 (dBm)
2402	-4.439329833	-5.472563248	-6.58401478
2440	-4.833811857	-5.845939228	-6.932441487
2480	-1.277852118	-2.230627413	-3.625901541

Return Loss

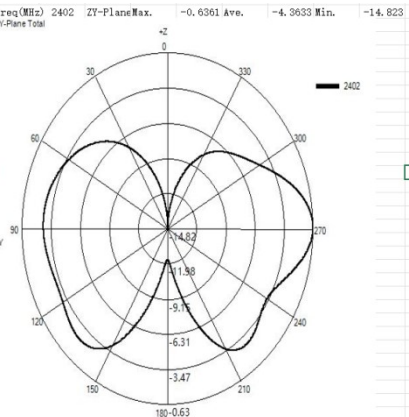


2D radiation pattern diagram

XY-plane



XZ-plane



YZ-plane

