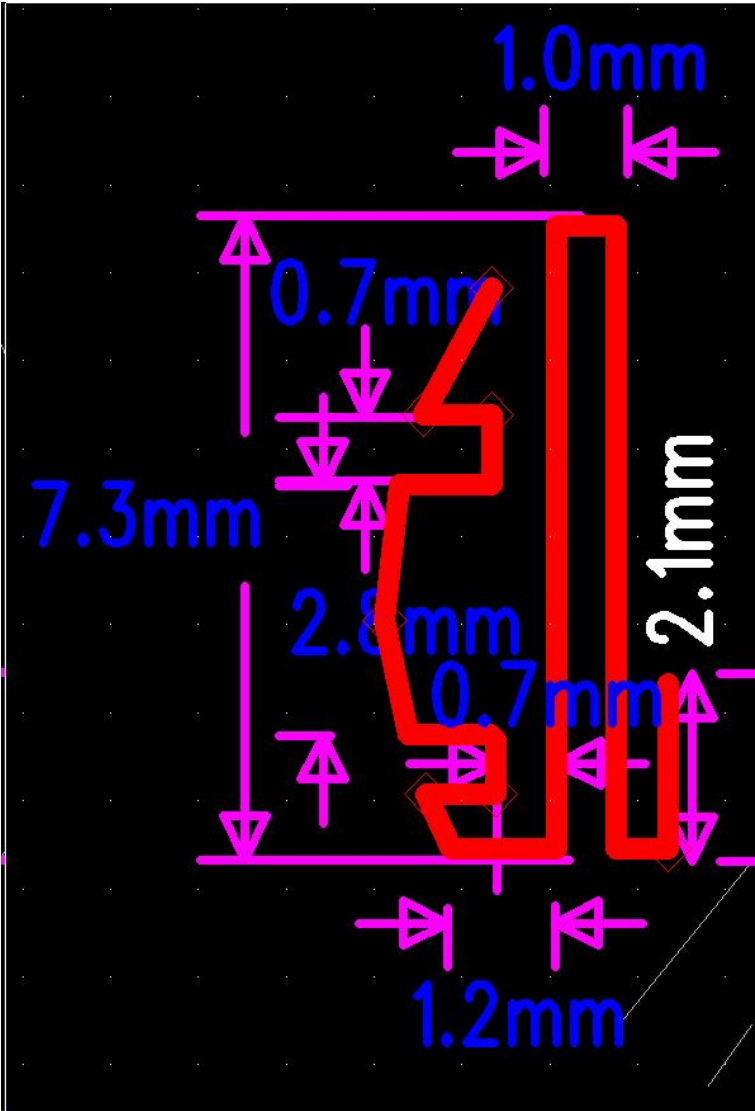


Antenna Specification

Summary

ITEM	ANT SPEC					
Model Name	2.4G ANT					
Center Frequency	Horizontal			Vertical		
	2402MHz	2450MHz	2480MHz	2402MHz	2450MHz	2480MHz
	2.18dBi	2.21dBi	2.17dBi	2.12dBi	2.21dBi	2.17dBi
MAX. Gain	2.21dBi					
Polarization	Horizontal and Vertical					
Azimuth Beam Pattern	Omni-directional					
Impedance	8.45-j22.5					
Antenna type	PCB Antenna					
Antenna Length	7.3mm					
Manufacture	SHEN ZHEN VMART ELECTRONICS SCIENCE AND TECHNOLOGYLTD					
Address	1125-4, Zhongxin Technology Building, Bagualing Industrial Zone, No. 31 Bagua Road, Hualin Community, Yuanling Street, Futian District, Shenzhen					

Antenna Photo & Length (mm)

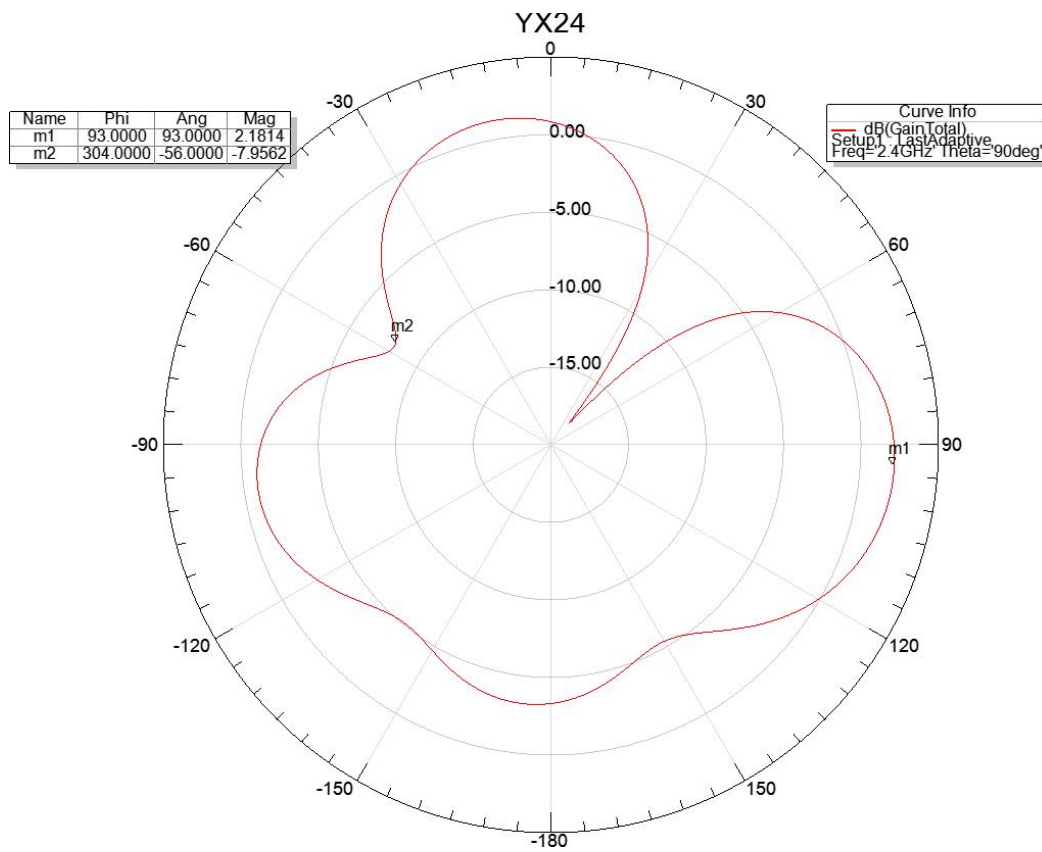


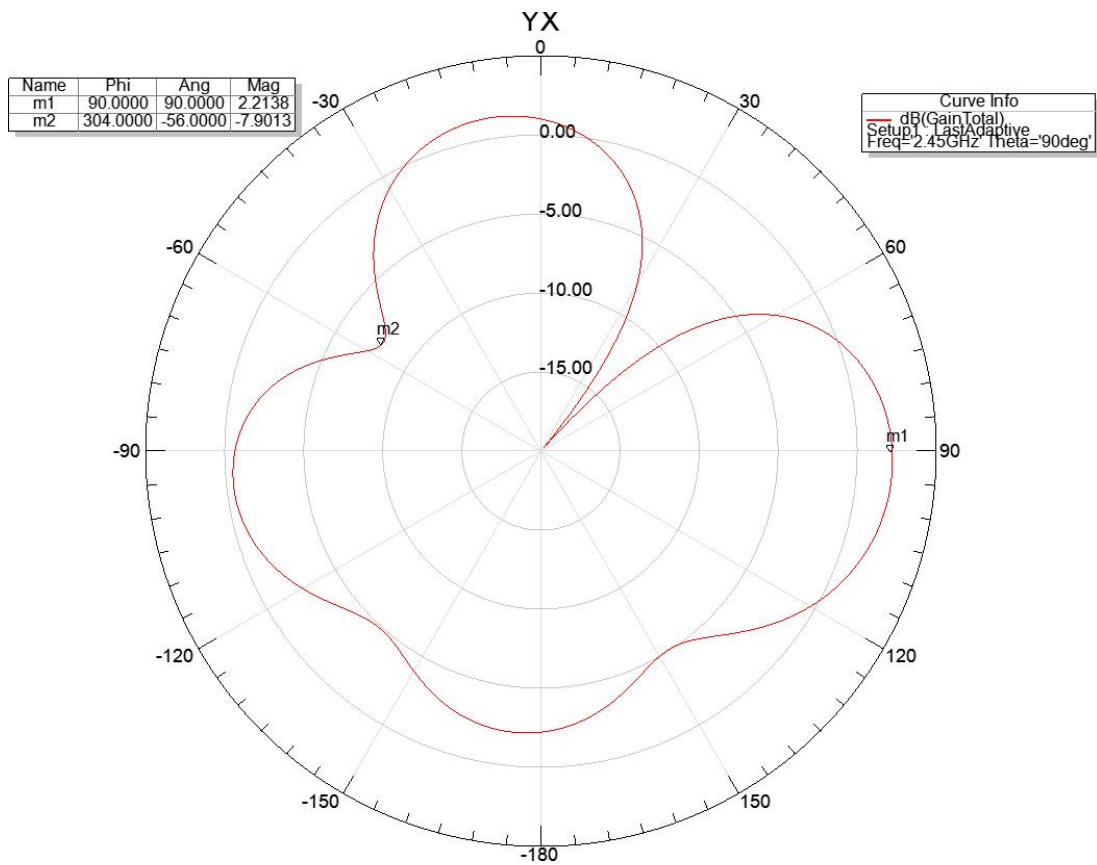
Horizontal: 2400 MHz 2450 MHz 2500 MHz

Power (dBm)

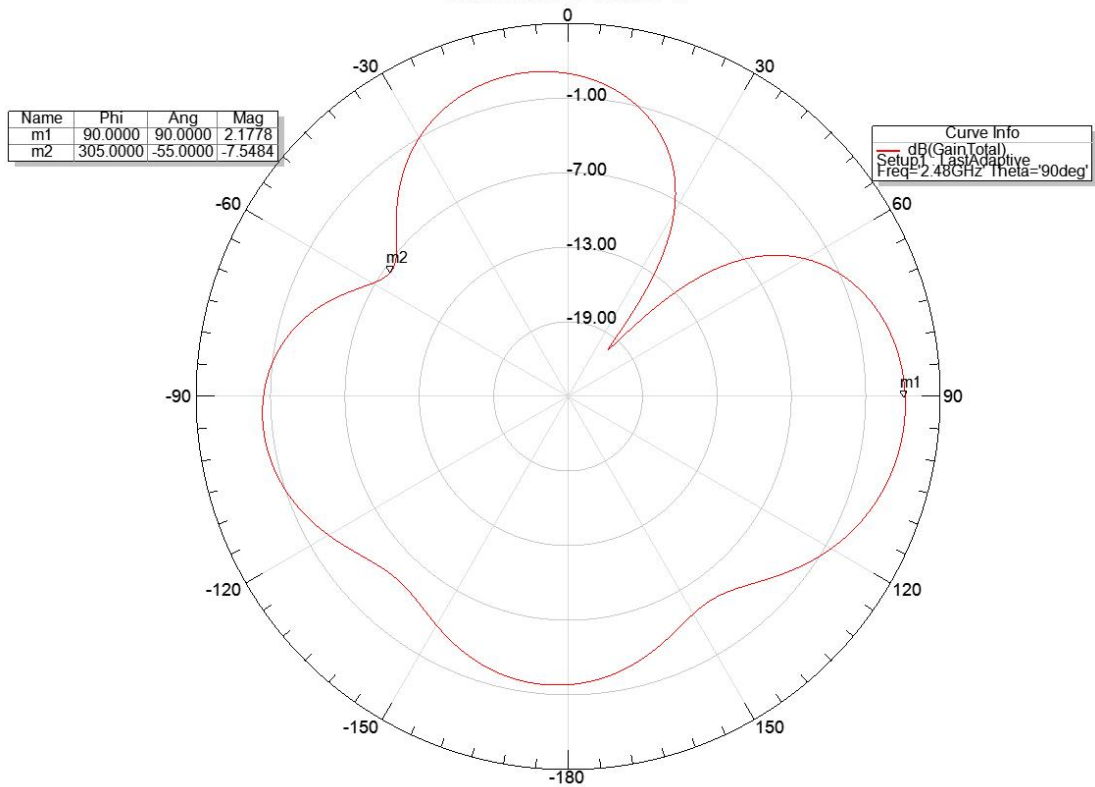
Max: 0 Min: -40 Scale: 5/div

Frequency (MHz)	Gain(dBi)		
	Max	Min	Avg
2402	2.18	-7.9	
2450	2.21	-7.9	
2480	2.17	-7.5	





Radiation Pattern 2

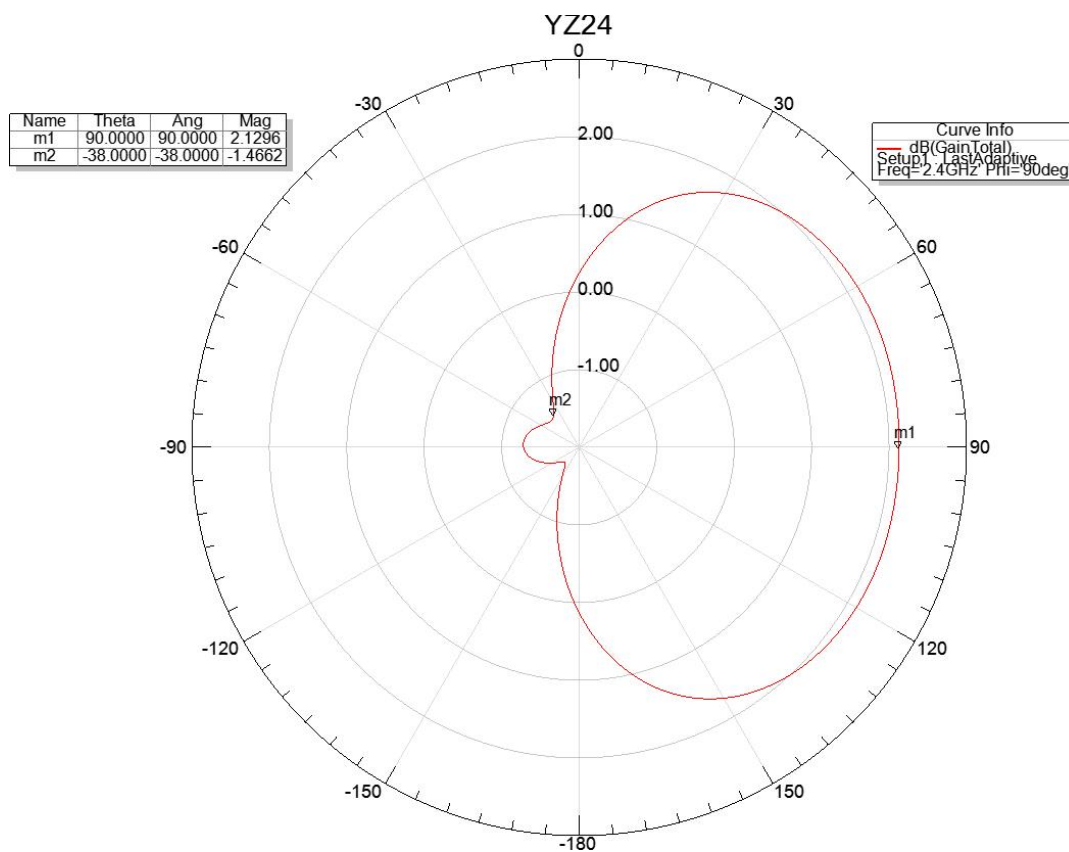


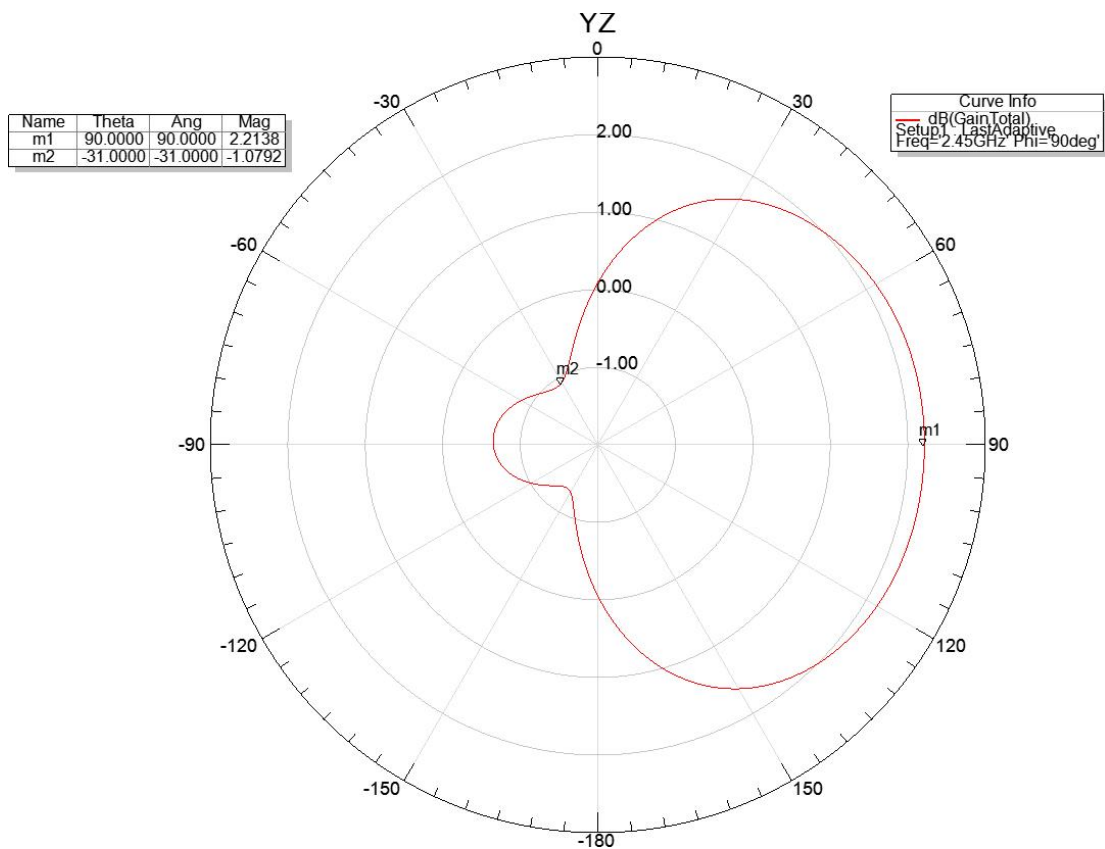
Vertical: 2400 MHz 2450 MHz 2500 MHz

Power (dBm)

Max: 0 Min: -30 Scale: 5/div

Frequency (MHz)	Gain(dBi)		
	Max	Min	Avg
2402	2.12	-1.46	
2450	2.21	-1.07	
2480	2.17	-1.32	





Radiation Pattern 1

