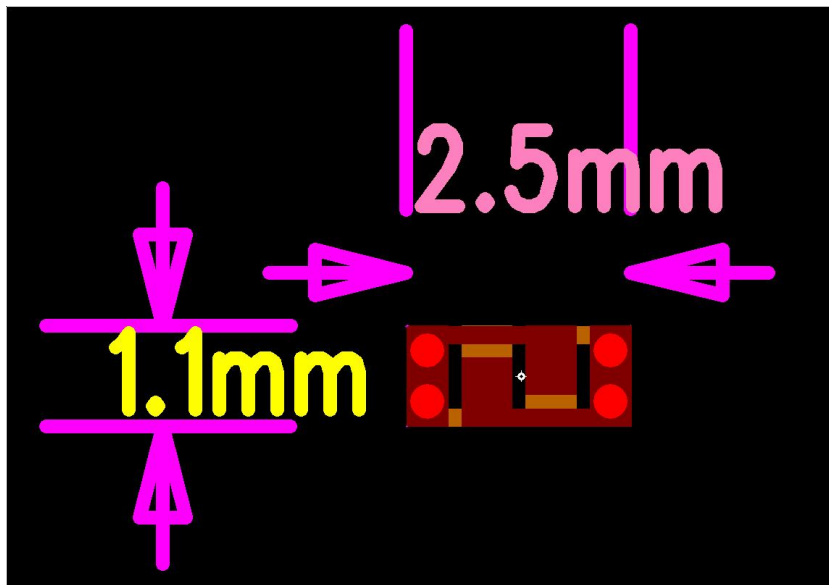


Onboard Bipolar Antenna

Summary

ITEM	ANT SPEC					
Model Name	2.4G ANT					
Center Frequency	Horizontal			Vertical		
	2400MHz	2400MHz	2500MHz	2400MHz	2400MHz	2500MHz
	- 1.26	-0.77	-0.59	-5.25	-2.47	- 1.86
MAX. Gain	-0.59dBi					
Polarization	Horizontal and Vertical					
Azimuth Beam Pattern	Omni-directional					
Impedance	50 Ohm					
Antenna Length	2.5mm*1.1mm					

Antenna Photo & Length (mm)



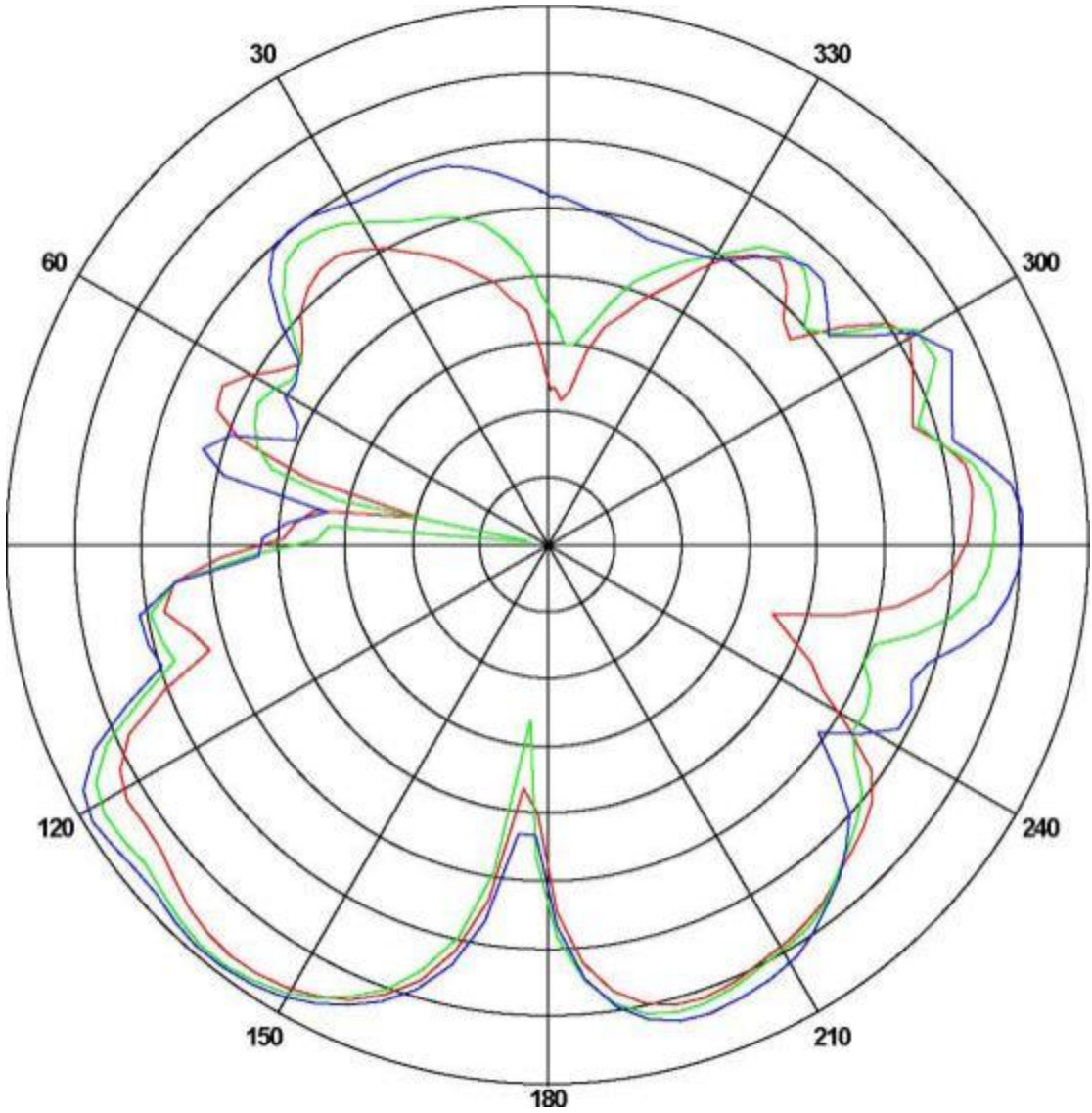
Antenna manufacturer: Shenzhen Sowak Electronic Co.,Ltd

Address: No.88 Jin Kang Road Jinsha Community Kengzi Street, Pingshan Dist., Shenzhen, China.

Horizontal: 2400 MHz 2450 MHz 2500 MHz

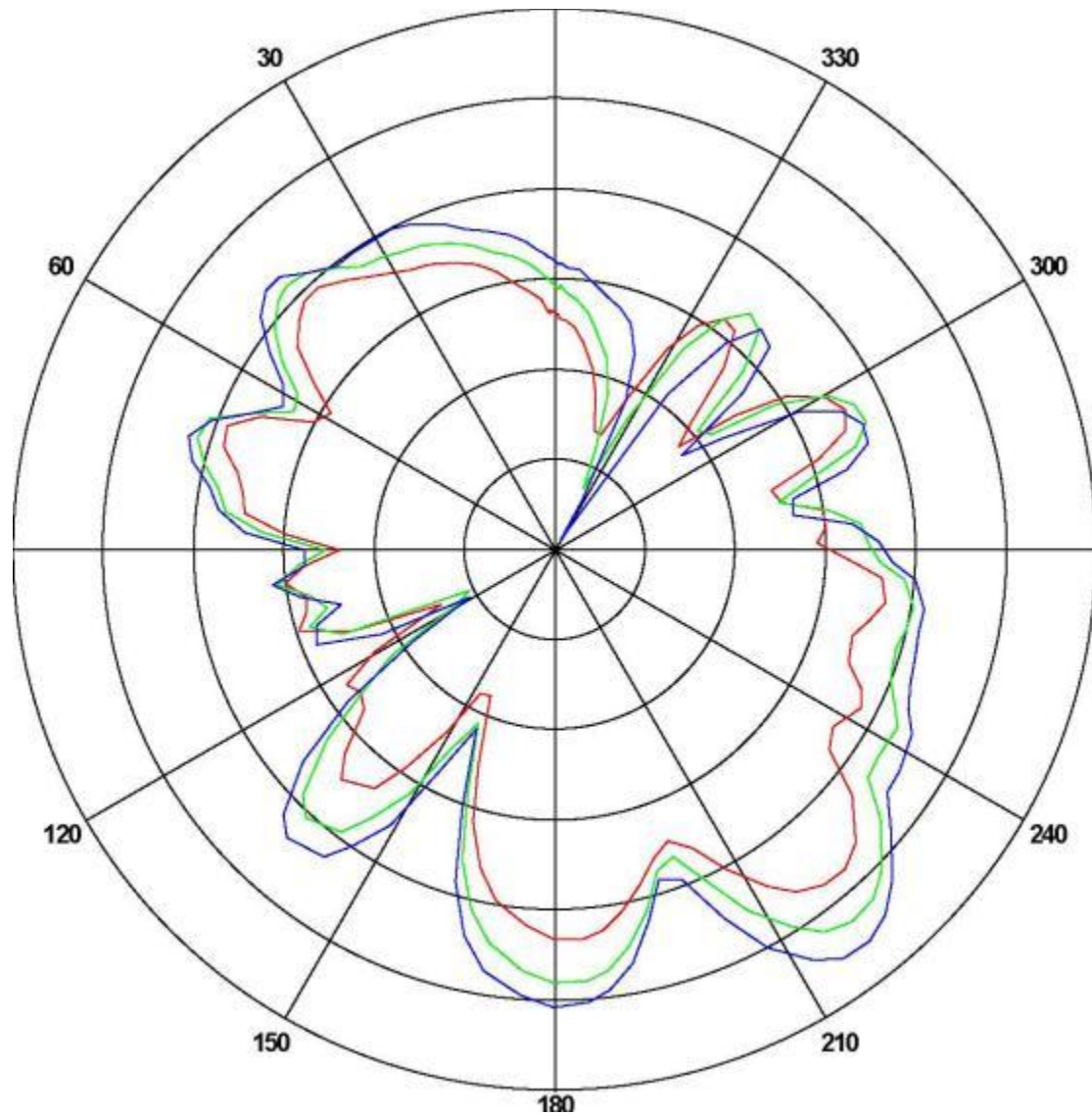
Power (dBm)

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



Frequency (MHz)	Gain(dBi)		
	Max	Min	Avg
2400	- 1.26174	-30.0801	-7. 18716
2450	-0.765802	-36.5604	-7.48023
2500	-0.585582	-22.0315	-6.59127

Vertical: 2400 MHz 2450 MHz 2500 MHz
 Power (dBm)
 Max: 0 Min: -30 Scale: 5/div



Frequency (MHz)	Gain(dBi)		
	Max	Min	Avg
2400	-5.2537	-22.1424	-12.4294
2450	-2.4652	-24.5837	-10.4702
2500	-1.8612	-29.5214	-9.20432

ANT Test Labs : Global Compliance Co.,Ltd.
 Address: Jin Wenke Chuangyuan, Jiande Road, Hangcheng Street, Bao 'an District, Shenzhen,
 Guangdong