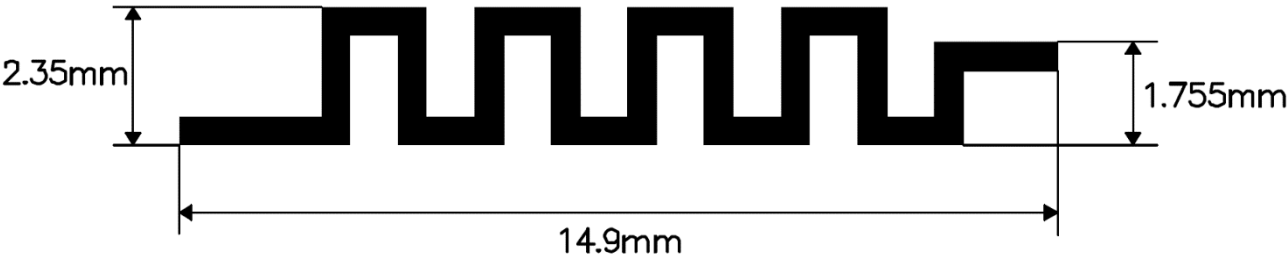


Serpentine Antenna Specification

Summary

ITEM	ANT SPEC					
Model Name	2.4G ANT					
Center Frequency	Horizontal			Vertical		
	2400MHz	2400MHz	2500MHz	2400MHz	2400MHz	2500MHz
	-1.31	-0.77	-0.61	-5.31	-2.49	-1.87
MAX. Gain	-0.61dB					
Polarization	Horizontal and Vertical					
Azimuth Beam Pattern	Omni-directional					
Impedance	50 Ohm					
Antenna Length	30.955mm					
Manufacture	Guangdong Dingchuang Smart Manufacturing Company Limited					

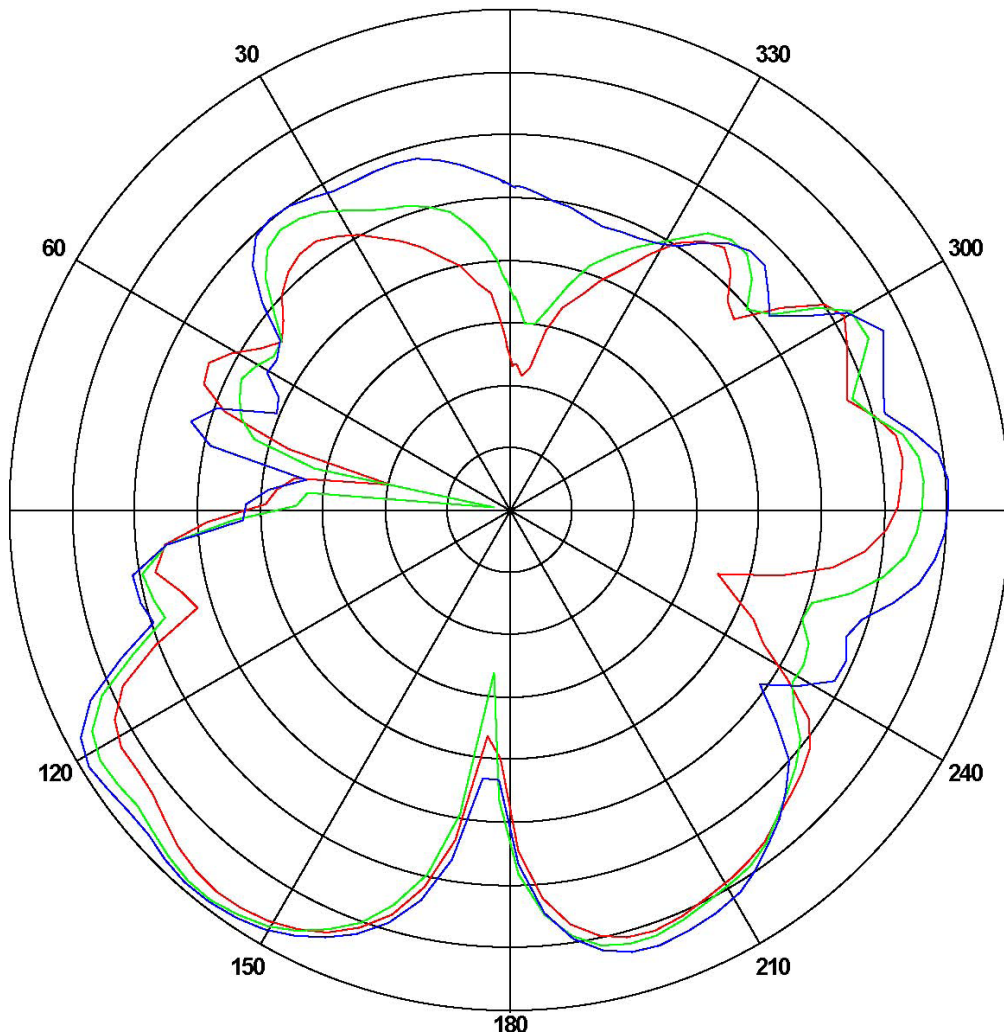
Antenna Photo & Length (mm)



Horizontal: 2400 MHz 2450 MHz 2500 MHz

Power (dBm)

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

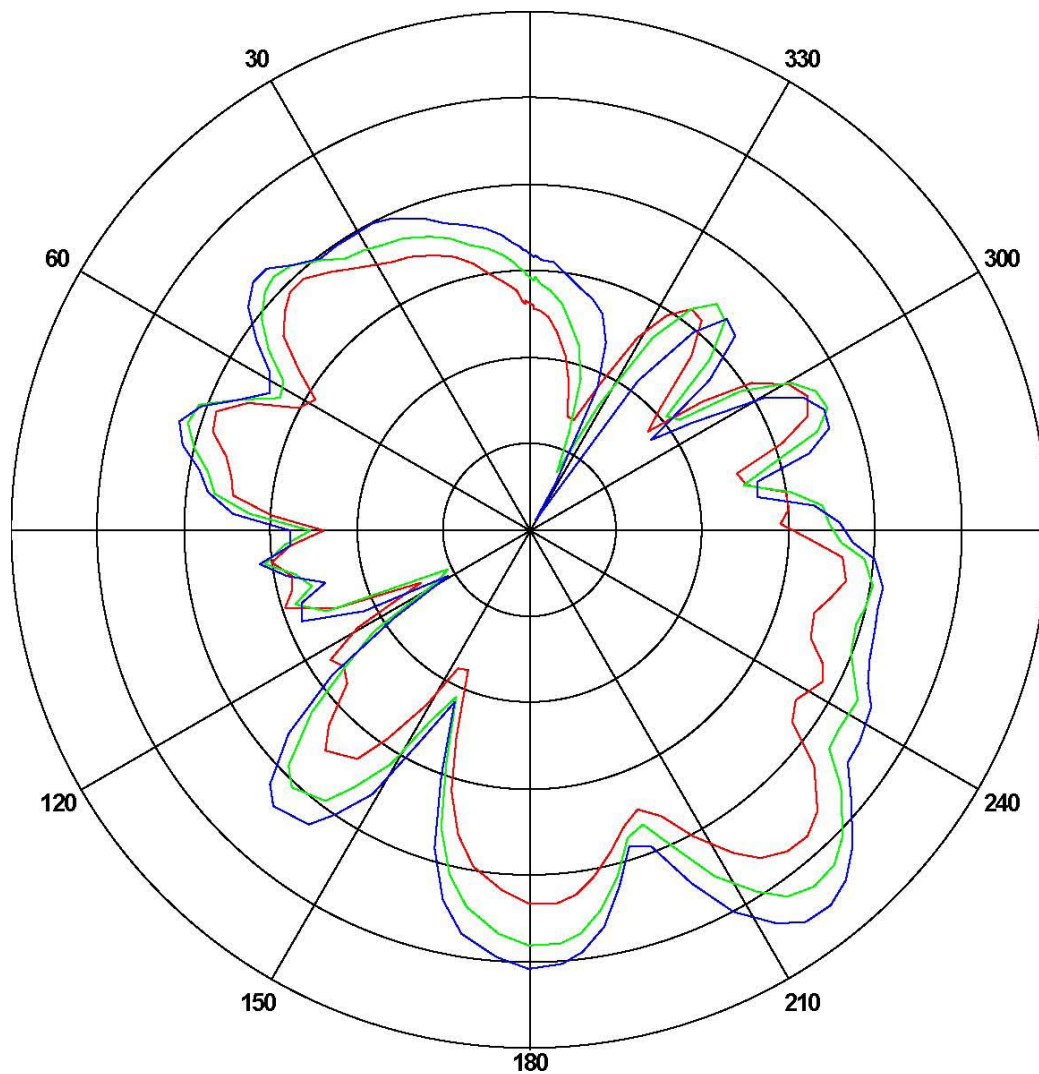


Frequency (MHz)	Gain(dB)		
	Max	Min	Avg
2400	-1.3189	-30.1548	-7.4816
2450	-0.7698	-36.4962	-7.4186
2500	-0.6197	-22.1497	-6.5261

Vertical: 2400 MHz 2450 MHz 2500 MHz

Power (dBm)

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



Frequency (MHz)	Gain(dB)		
	Max	Min	Avg
2400	-5.3146	-22.1547	-12.2461
2450	-2.4871	-24.4346	-10.4127
2500	-1.8745	-29.5432	-9.2741