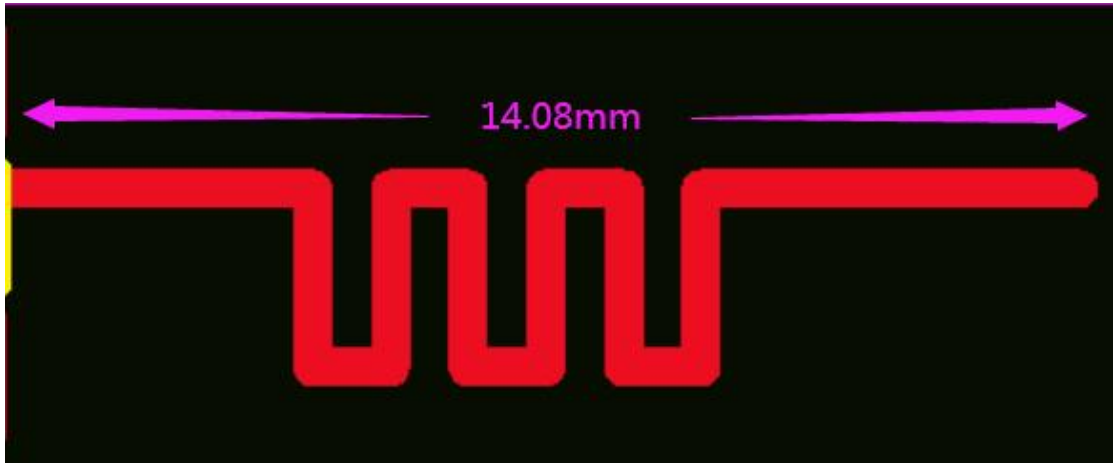


ANTENNA SPECIFICATION

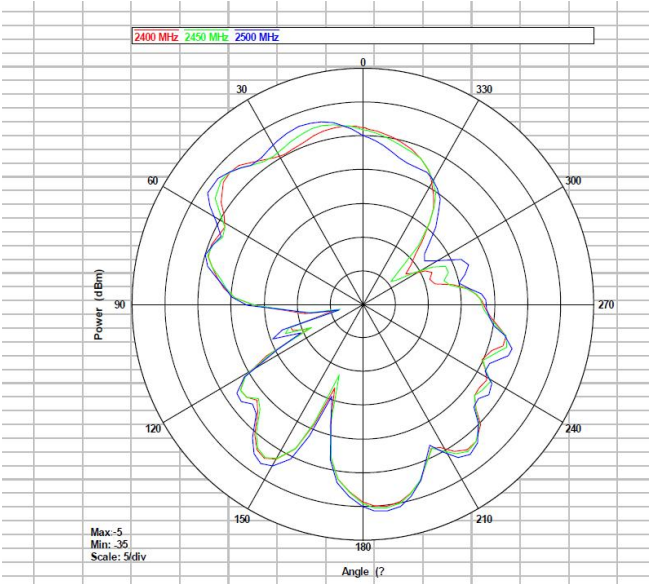
Summary

ITEM	Mouse ANT SPEC					
Model Name	2.4G ANT					
Center Frequency dBi	Horizontal			Vertical		
	2400MHz	2450MHz	2500MHz	2400MHz	2450MHz	2500MHz
	-3.95	-3.87	-5.99	-10.3	-13.8	-15.5
MAX. Gain	-3.87dBi					
Polarization	Horizontal and Vertical					
Azimuth Beam Pattern	Omni-directional					
Impedance	50 Ohm					
Antenna Length	14.08mm					
Manufacture	Dongguan Togran Electronics Technology Co., Ltd.					

Antenna Photo & Length (mm)

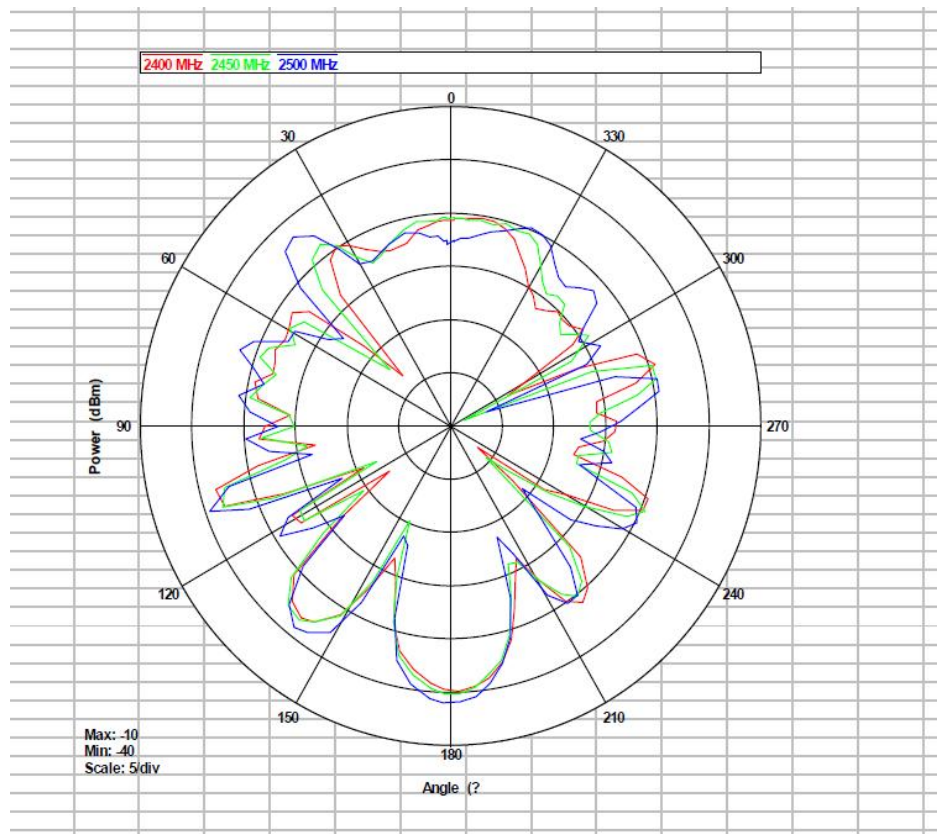


Horizontal: 2400 MHz 2450 MHz 2500 MHz



Frequency (MHz)	Gain(dBi)		
	Max	Min	Avg
2400	-3.95	-11.8	-6.74
2450	-3.87	-19.9	-5.86
2500	-5.99	-12.7	-4.75

Vertical: 2400 MHz 2450 MHz 2500 MHz



Frequency (MHz)	Gain(dB)		
	Max	Min	Avg
2400	-10.3	-32.1	-21.5
2450	-13.8	-37.2	-18.4
2500	-15.5	-29.6	-18.6