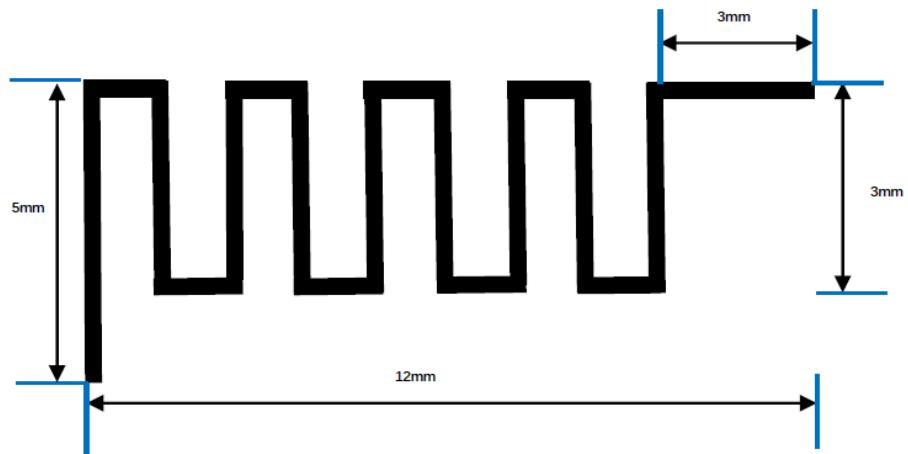


Inverted F Antenna Specification

Summary

ITEM	ANT SPEC		
Model Name	2.4G ANT		
Center Frequency	2400MHz	2450MHz	2500MHz
	2.12	2.18	2.20
MAX. Gain	2.20dBi		
Impedance	50 Ohm		
Azimuth Beam Pattern	Omni-directional		

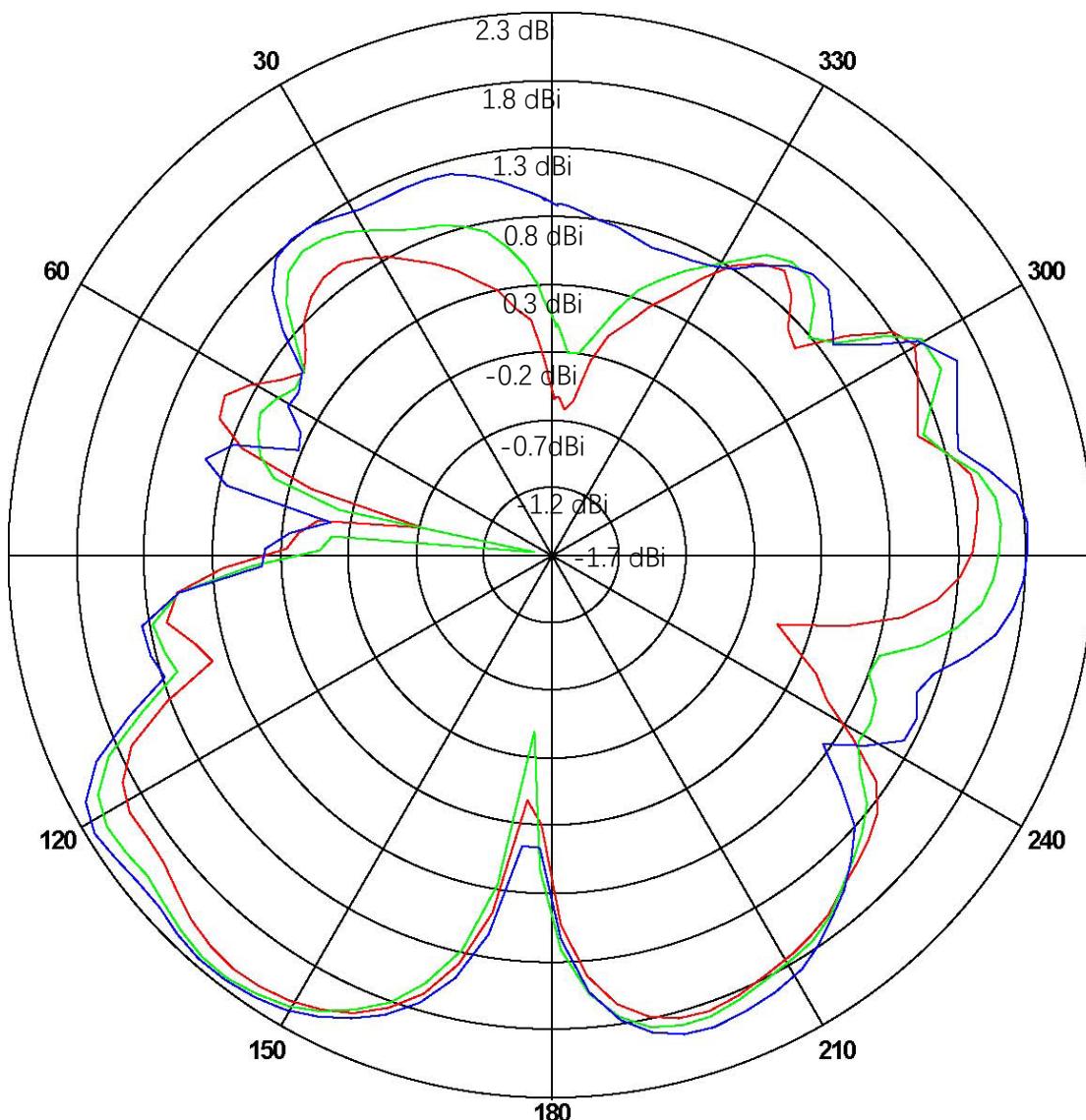
Antenna Photo & Length (mm)



Since there is no ground plane beneath the antenna, PCB thickness will have little effect on the performance. The results presented in this design note are based on an antenna implemented on a PCB with 1 mm thickness.

2400 MHz 2450 MHz 2500 MHz

Max: 2.3dBi Min: -1.7dBi Scale: 0.5/div



Frequency (MHz)	Gain (dBi)	
	Max	Min
2400	2.12	-0.60
2450	2.18	-1.60
2500	2.20	0.10

Manufacturer: Shenzhen Enersmart Technology Development Co., Ltd.

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