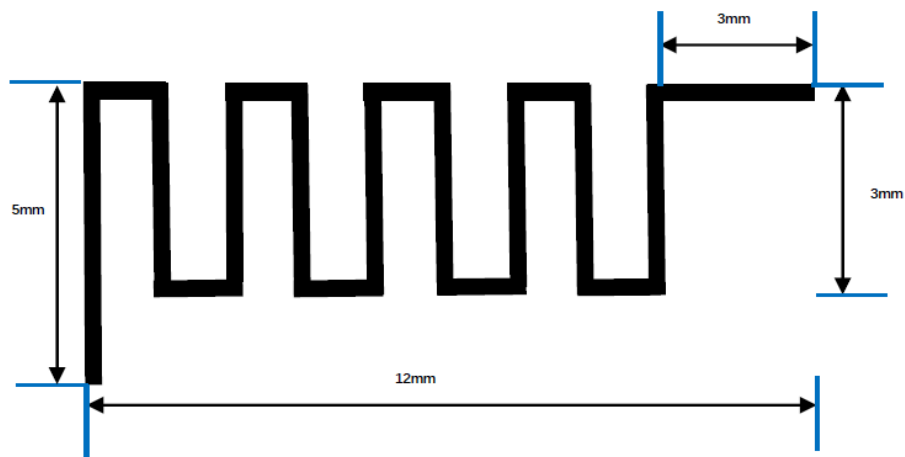


## Inverted F Antenna Specification

### Summary

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

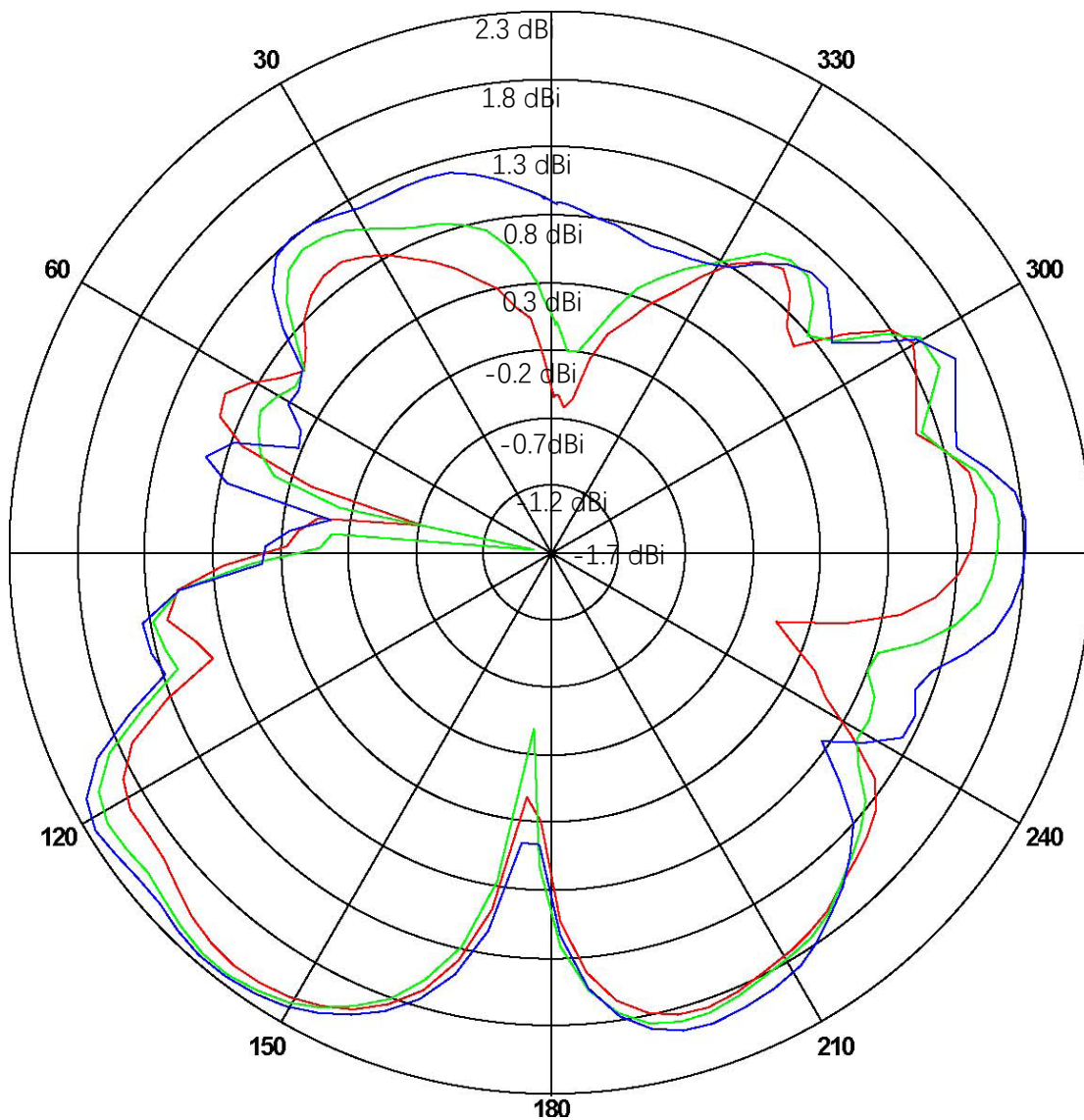
### Antenna Photo & Length (mm)



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: 2.20dBi 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

ANT Test Labs: Attestation of Global Compliance Co., Ltd.

Manufacturer: Beijing Ziroom Technology Co., Ltd  
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