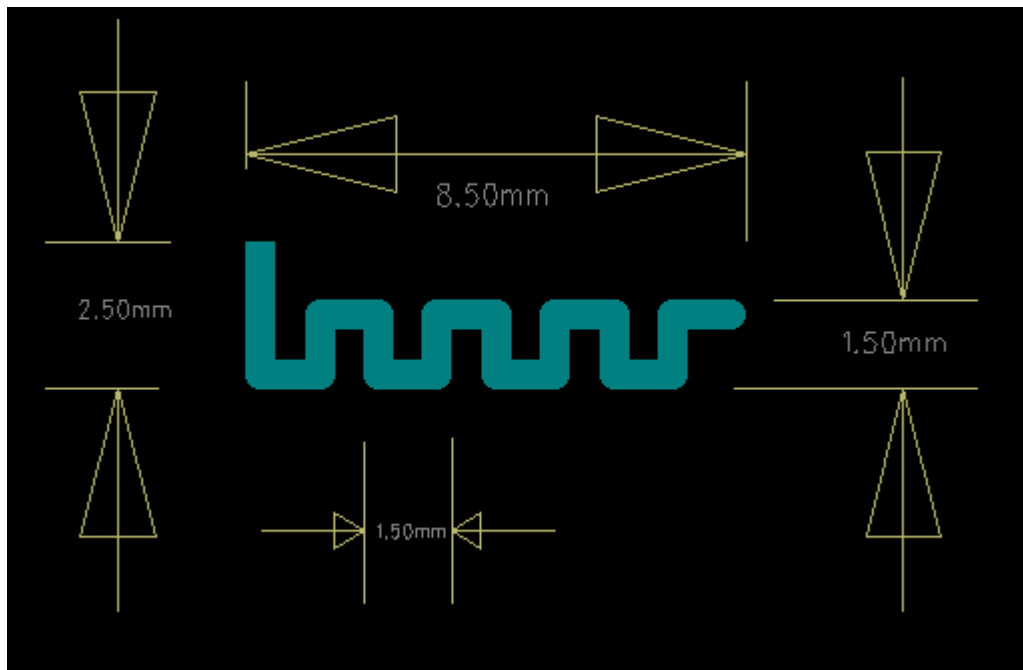


## Antenna specification

### Summary

ITEM	ANT SPEC					
Model Name	2.4G PCB ANT					
Center Frequency	Horizontal			Vertical		
	2400MHz	2450MHz	2500MHz	2400MHz	2450MHz	2500MHz
	-2.01	-2.86	-0.71	-0.60	-2.39	-0.78
MAX. Gain	-0.6dBi					
Polarization	Horizontal and Vertical					
Azimuth Beam Pattern	Omni-directional					
Impedance	50 Ohm					
Manufacture	E-LiVi (Shenzhen) Electronics Co., Ltd					

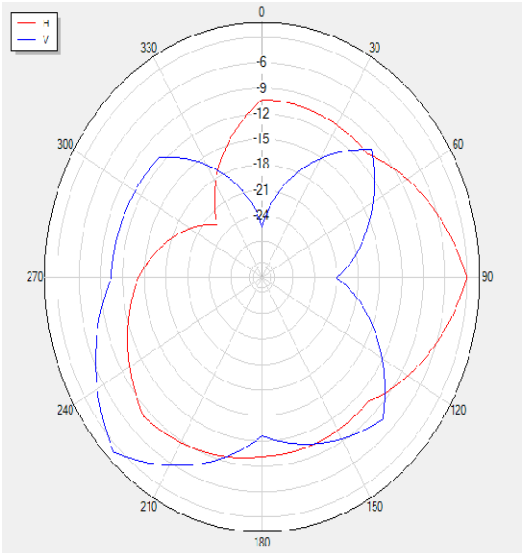
### PCB Antenna part Photo & Length (mm)



Frequency	Efficiency	percentage	Gain
2400	-6.97	20.08%	-0.60dBi
2410	-6.87	20.55%	-0.71dBi
2420	-6.79	20.94%	-0.67dBi
2430	-7.15	19.26%	-1.45dBi
2440	-7.75	16.78%	-1.90dBi
2450	-8.19	15.15%	-2.39dBi
2460	-8.71	13.46%	-3.27dBi
2470	-9.29	11.79%	-3.59dBi
2480	-9.4	11.47%	-3.78dBi
2500	-6.85	20.63%	-0.78dBi

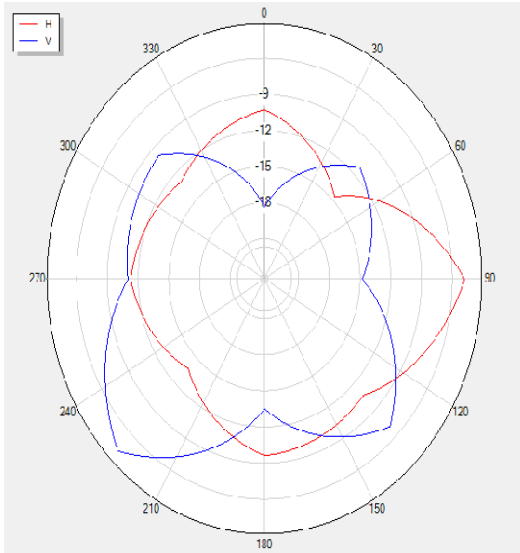
Frequency: 2400MHz  
 Horizontal and Vertical  
 Power (dBm)  
 Max: 0 Min: -40 Scale: 5/div

**2400 Polar**



Frequency: 2450MHz  
Horizontal and Vertical  
Power (dBm)  
Max: 0 Min: -30 Scale: 5/div

### 2450 Polar



Frequency: 2500MHz  
Horizontal and Vertical  
Power (dBm)  
Max: 0 Min: -30 Scale: 5/div

### 2500 Polar

