

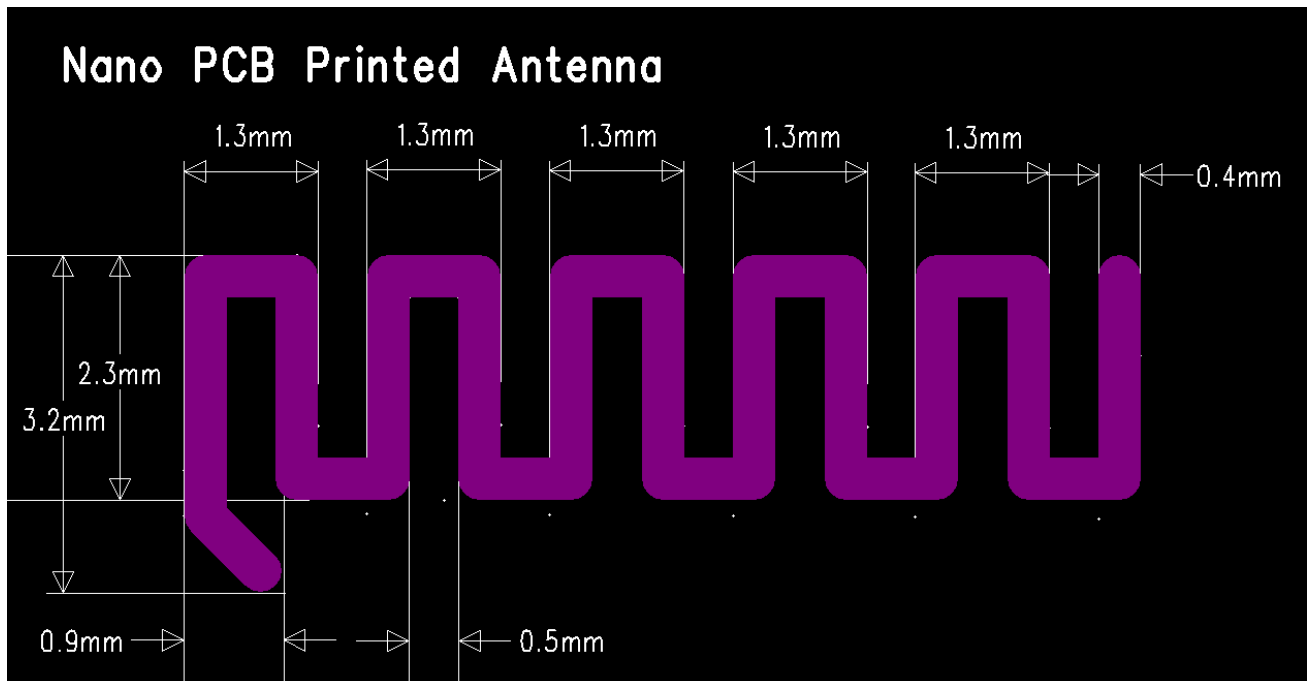
# Antenna Specification

## Specifications

### Summary

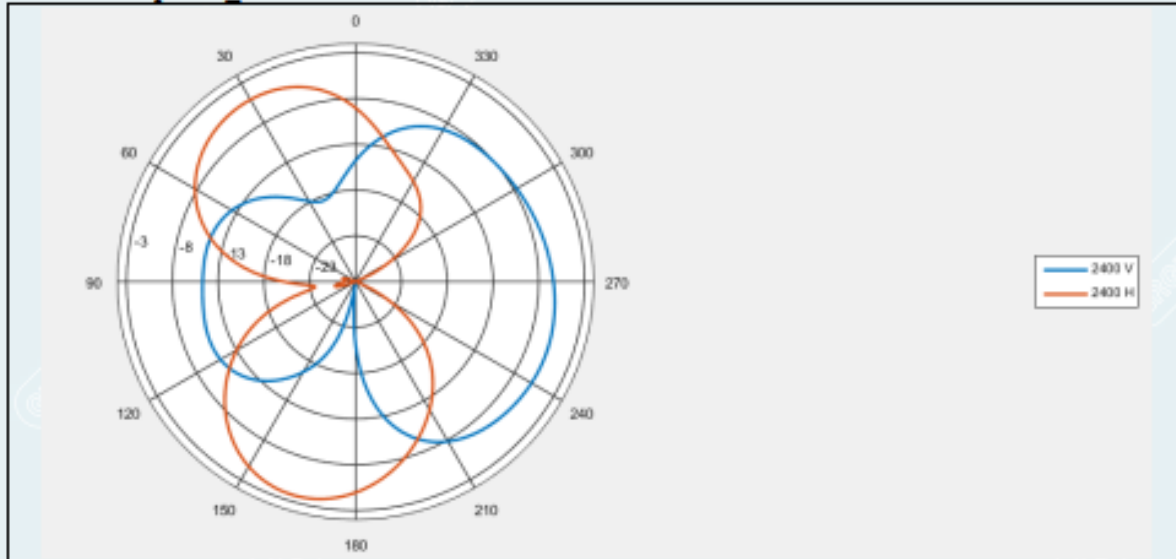
ITEM	SPEC.	
Model Name	Nano 2.4 GHz	
Center Frequency	2400 MHz	-2.36 dBi
	2440 MHz	-4.35 dBi
	2480 MHz	-4.88dBi
MAX. GAIN	-2.36dBi	
Polarization	Horizontal	
Azimuth Beam Pattern	Omni-directional	
Impedance	50 $\Omega$	
manufacturer	Zhishi intelligent Technology (Dongguan) Co., LTD	

### Antenna Photo & Length(mm)



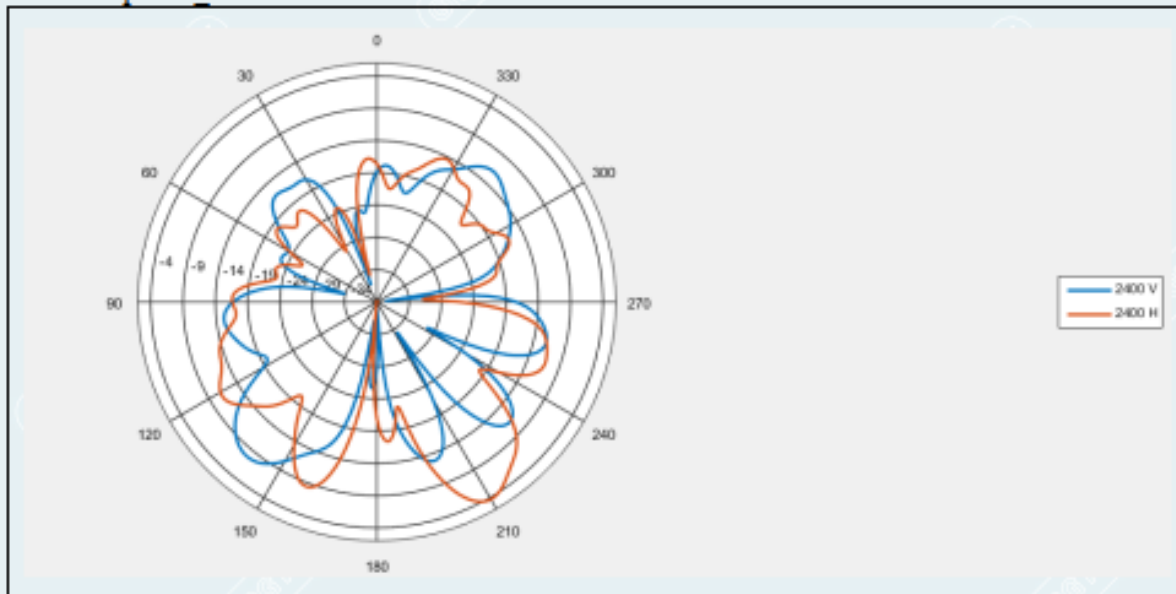
# 1. Main Antenna Channel : 2400 MHz

a) 2400MHz  
Horizontal plane XY-Plane



	Peak gain(dBi)	Avg gain(dBi)
H cut	-3.71	-9.24
V cut	-5.75	-9.83
Total	-3.64	-6.51

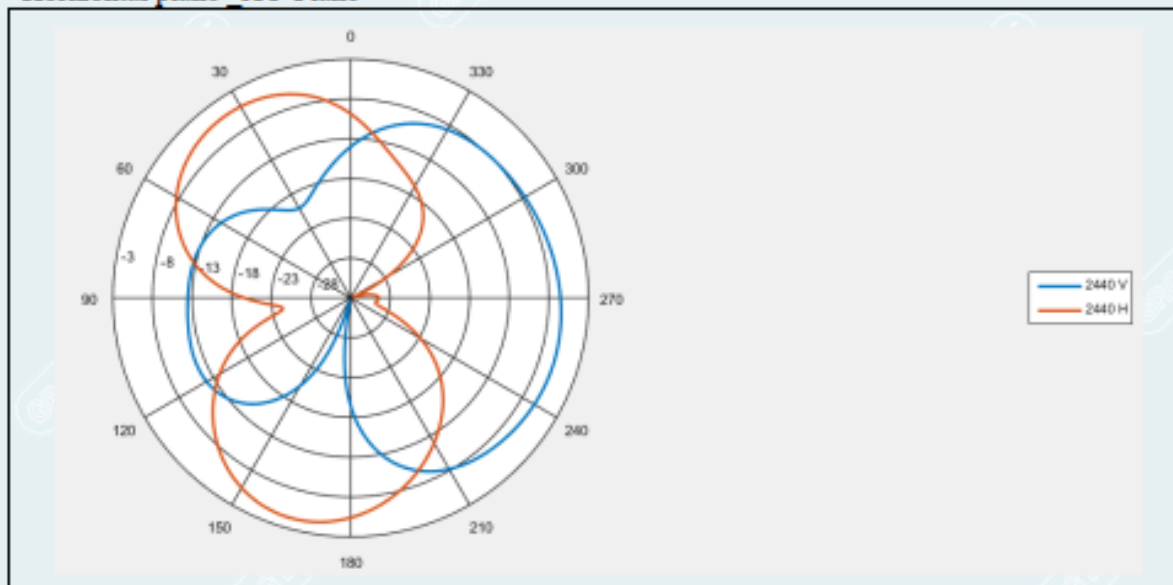
Vertical plane XZ-Plane



	Peak gain(dBi)	Avg gain(dBi)
H cut	-3.71	-17.53
V cut	-7.74	-18.58
Total	-2.36	-14.0

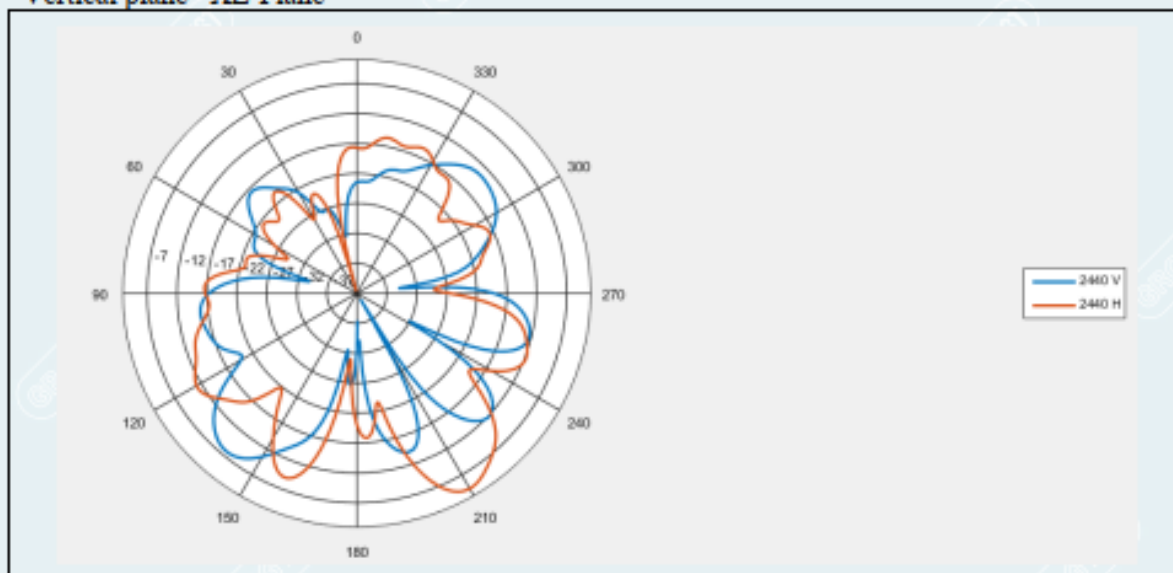
## 2. Main Antenna Channel : 2440 MHz

b) 2440MHz  
Horizontal plane XY-Plane



	Peak gain(dBi)	Avg gain(dBi)
H cut	-4.35	-9.68
V cut	-6.11	-10.18
Total	-4.35	-6.91

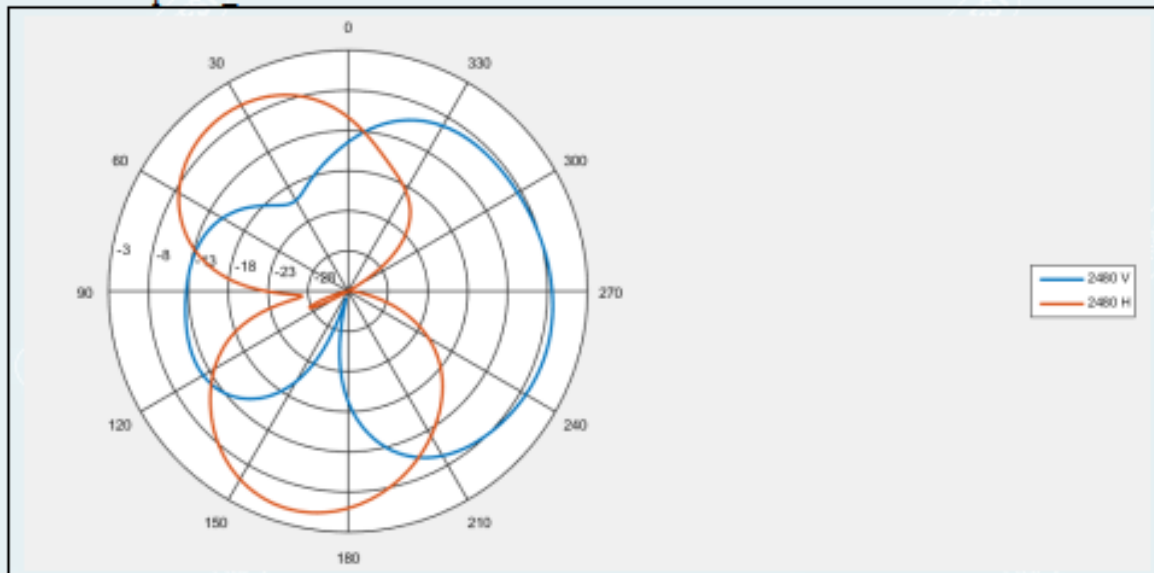
Vertical plane XZ-Plane



	Peak gain(dBi)	Avg gain(dBi)
H cut	-4.35	-18.04
V cut	-7.80	-19.57
Total	-4.34	-14.67

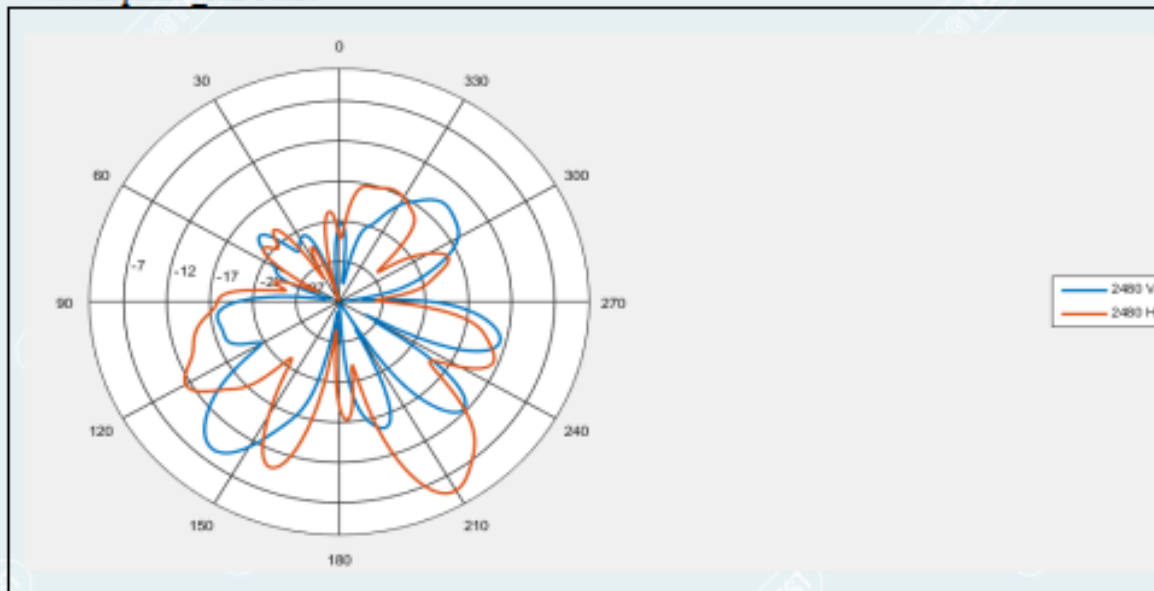
### 3. Main Antenna Channel : 2480 MHz

c) 2480MHz  
Horizontal plane XY-Plane



	Peak gain(dBi)	Avg gain(dBi)
H cut	-4.88	-10.41
V cut	-7.05	-10.96
Total	-4.88	-7.67

Vertical plane XZ-Plane



	Peak gain(dBi)	Avg gain(dBi)
H cut	-4.90	-18.65
V cut	-8.51	-20.67
Total	-4.88	-15.52