

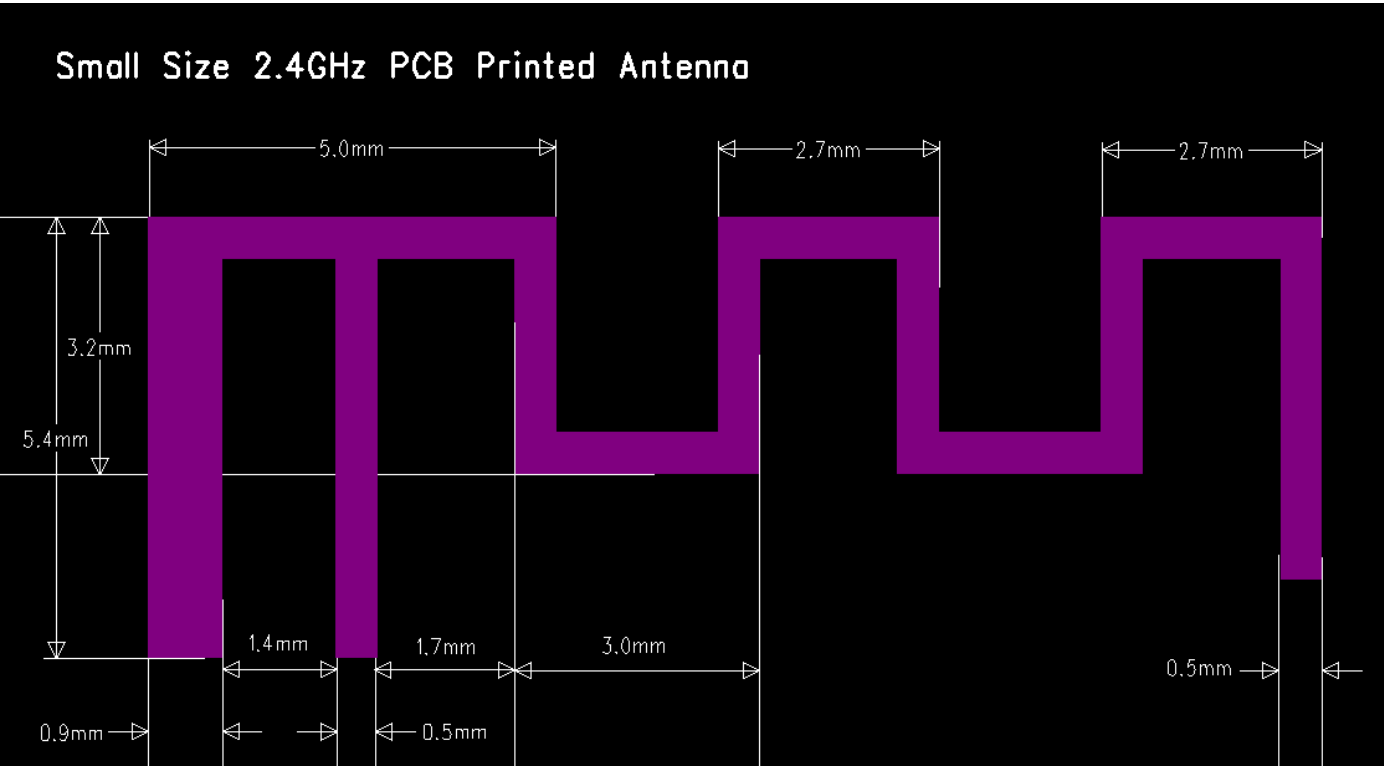
Antenna Specification

Specifications

Summary

ITEM	SPEC.	
Model Name	TI 2.4 GHz	
Center Frequency	2400MHz	2.72 dBi
	2440MHz	2.51 dBi
	2480MHz	0.82 dBi
MAX. GAIN	2.72 dBi	
Polarization	Horizontal	
Azimuth Beam Pattern	Omni-directional	
Impedance	50 Ω	

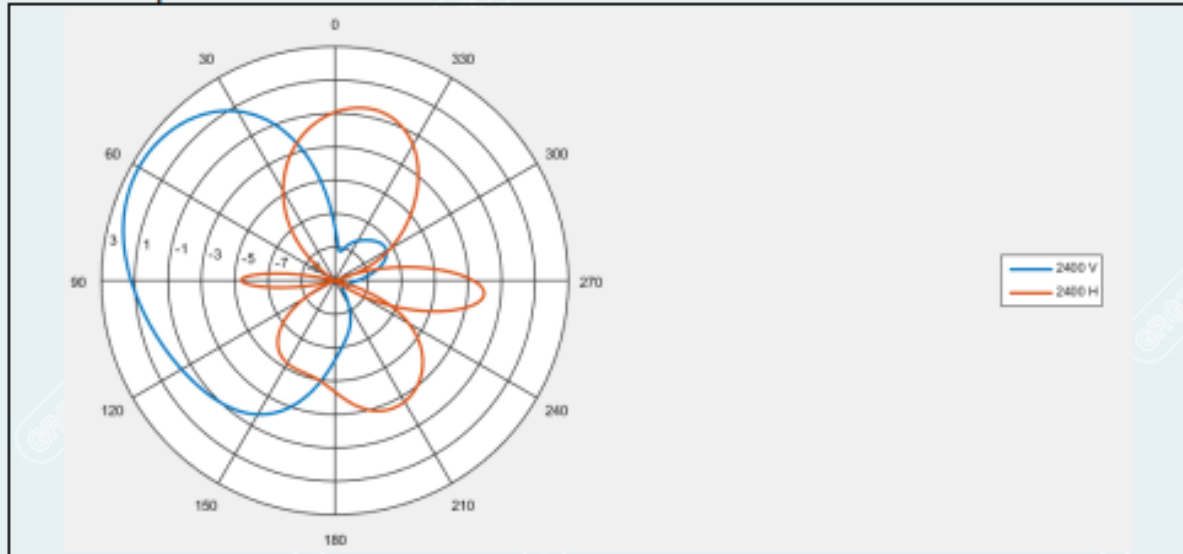
Antenna Photo & Length(mm)



1. Main Antenna Channel : 2400 MHz

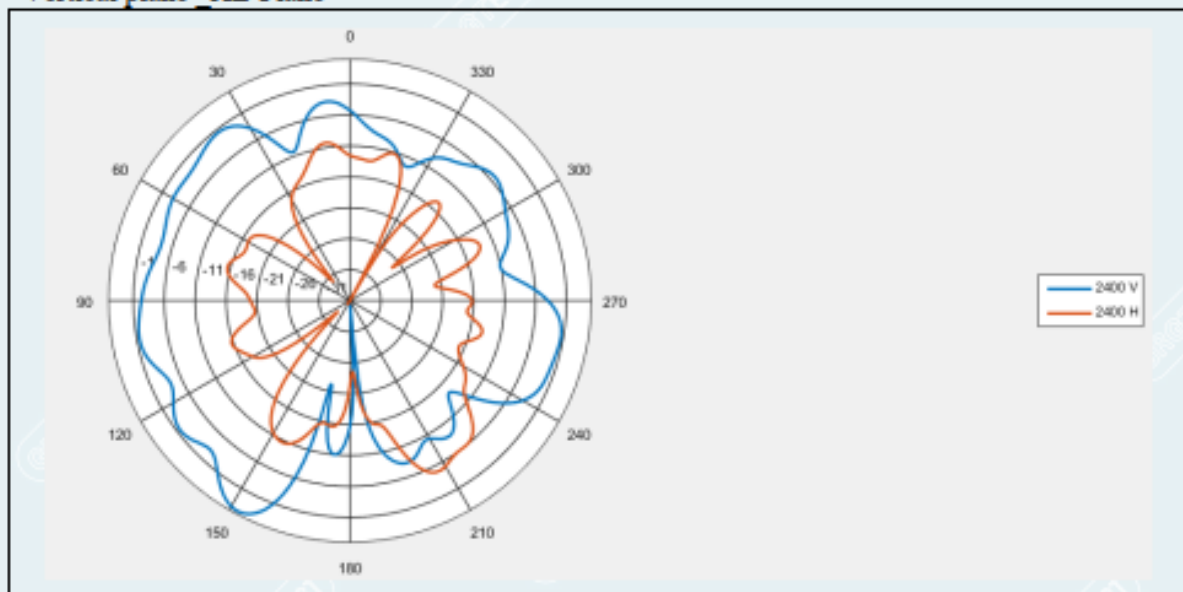
a) 2400MHz

Horizontal plane XY-Plane



	Peak gain(dBi)	Avg gain(dBi)
H cut	-0.51	-5.10
V cut	2.56	-2.38
Total	2.72	-0.52

Vertical plane XZ-Plane

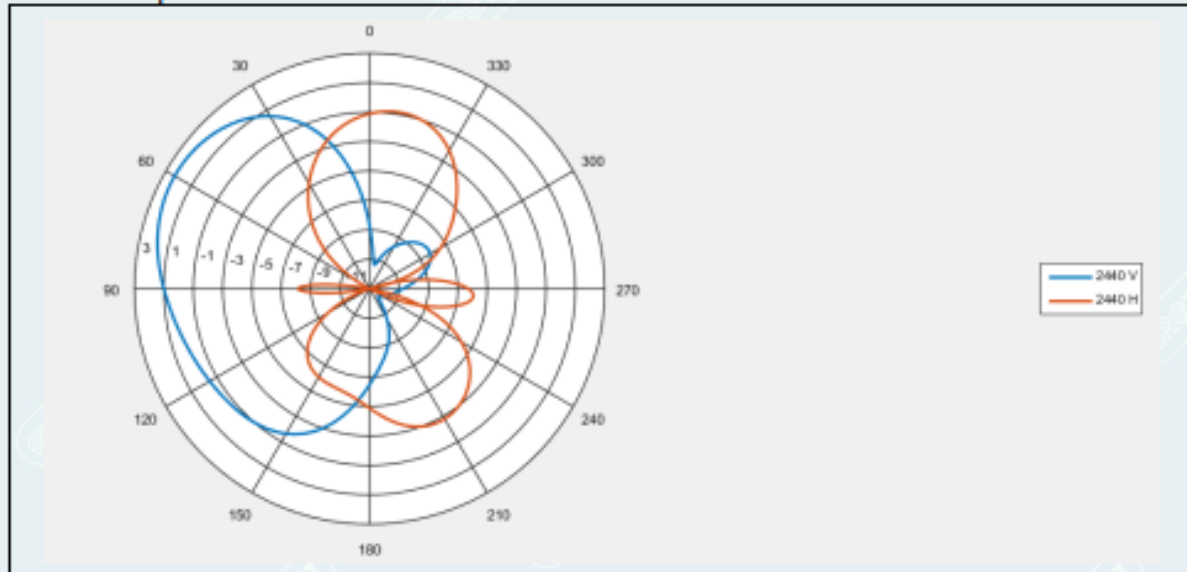


	Peak gain(dBi)	Avg gain(dBi)
H cut	-4.92	-15.50
V cut	2.53	-5.11
Total	2.72	-6.20

2. Main Antenna Channel : 2440 MHz

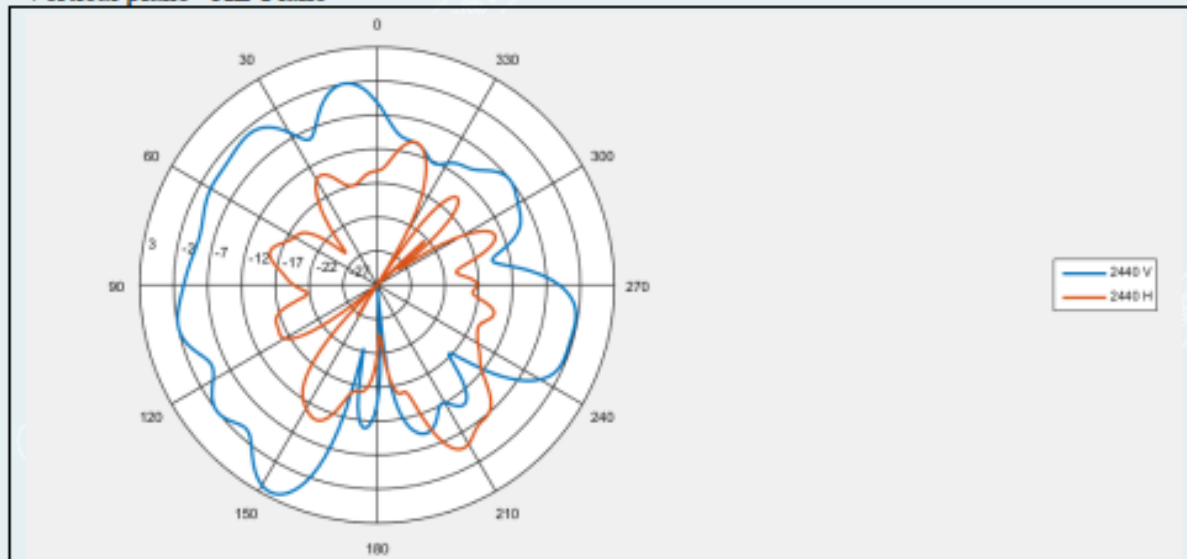
b) 2440MHz

Horizontal plane XY-Plane



	Peak gain(dBi)	Avg gain(dBi)
H cut	-1.07	-5.34
V cut	2.33	-2.71
Total	2.51	-0.82

Vertical plane XZ-Plane

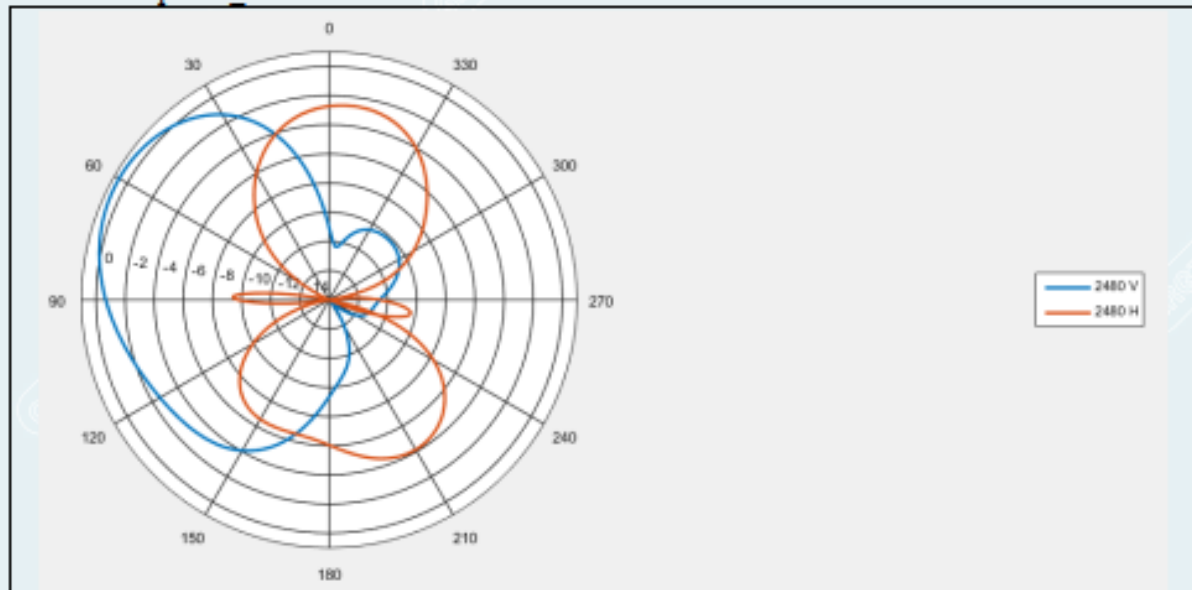


	Peak gain(dBi)	Avg gain(dBi)
H cut	-5.0	-16.46
V cut	2.30	-6.88
Total	2.51	-5.67

3. Main Antenna Channel : 2480 MHz

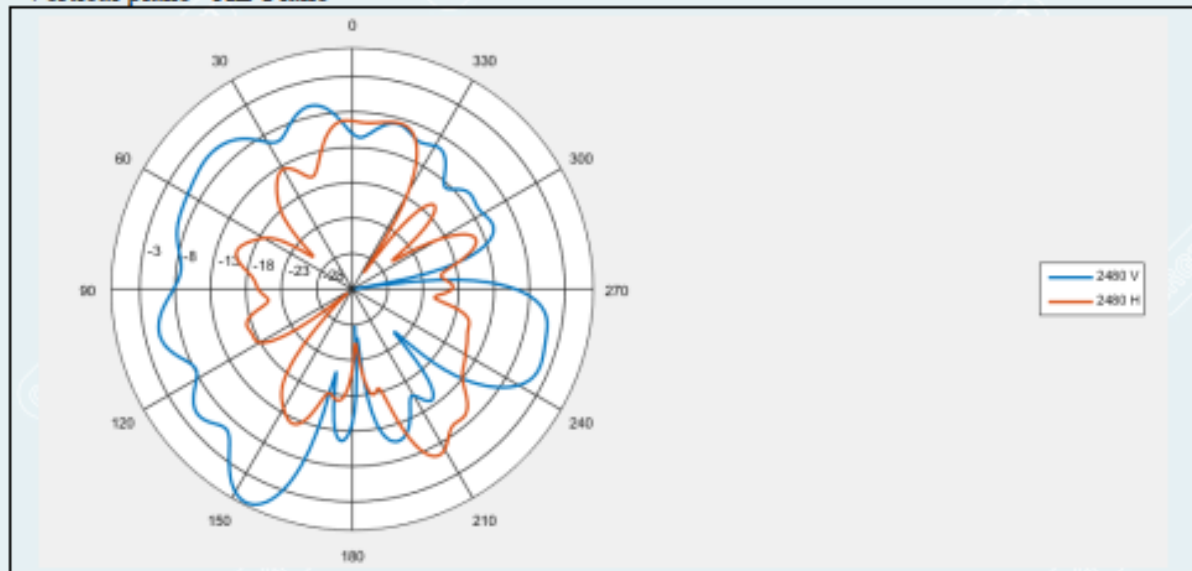
c) 2480MHz

Horizontal plane XY-Plane



	Peak gain(dBi)	Avg gain(dBi)
H cut	-2.62	-6.84
V cut	0.64	-4.56
Total	0.82	-2.54

Vertical plane XZ-Plane



	Peak gain(dBi)	Avg gain(dBi)
H cut	-6.36	-16.40
V cut	0.60	-9.59
Total	0.82	-7.79