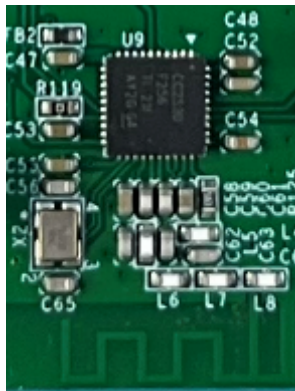


Inverted F Antenna Specification

Summary

ITEM	Zigbee					
Model Name	CC2530					
Center Frequency	Horizontal			Vertical		
	2405MHz	2440MHz	2480MHz	2405MHz	2440MHz	2480MHz
	2.23	2.82	3.0	-1.67	1.12	1.72
MAX. Gain	3dBi					
Polarization	Horizontal and Vertical					
Azimuth Beam Pattern	Omni-directional					
Impedance	50 Ohm					
Antenna Length	18*5mm					

Antenna Photo & Length (mm)



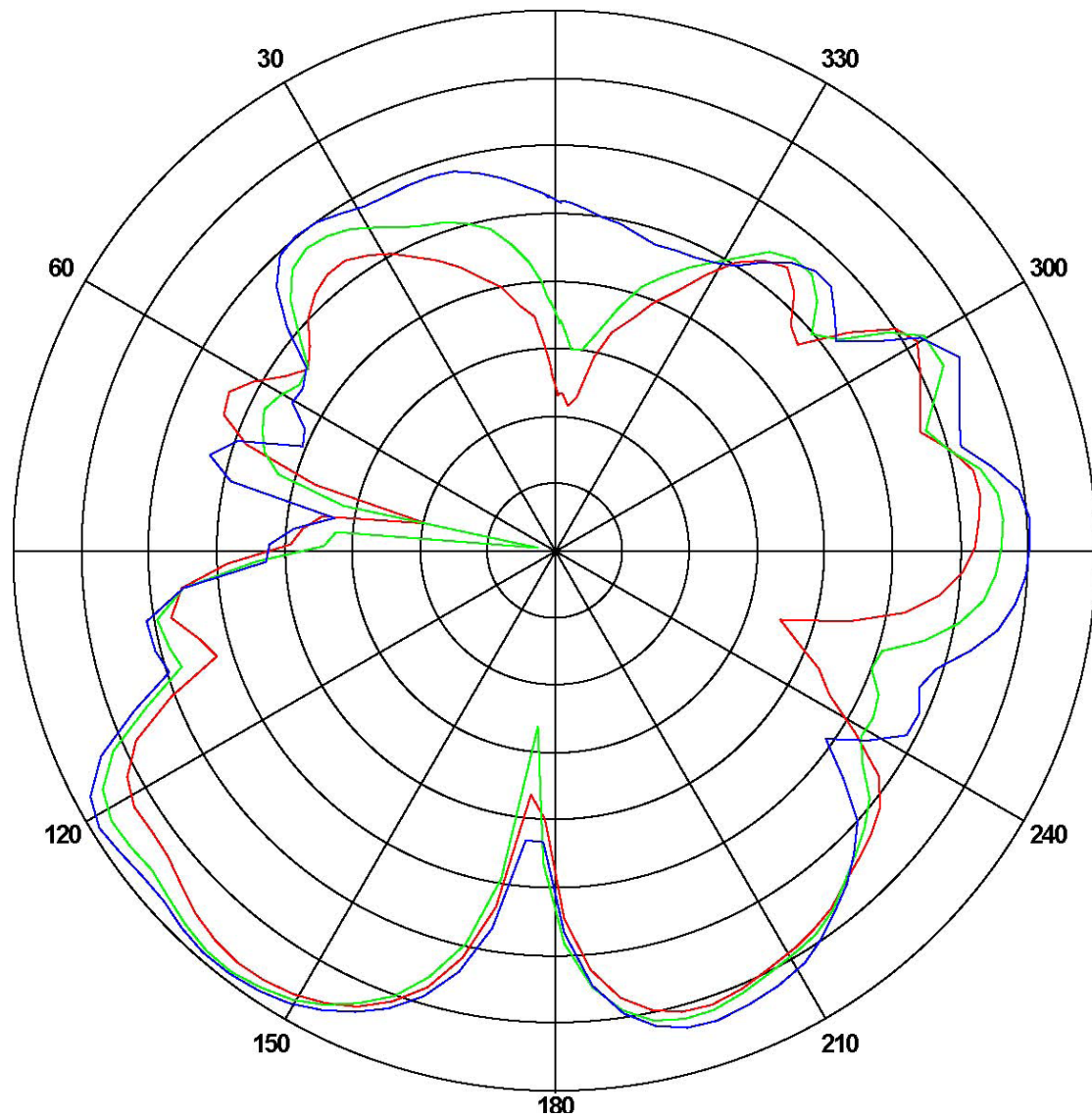
Size (Include antenna) : 21*18*0.8mm

Size (Without antenna) : 16*18*0.8mm

Horizontal: 2405 MHz 2440 MHz 2480 MHz

Power (dBm)

Max: 0 Min: -40 Scale: 5/div

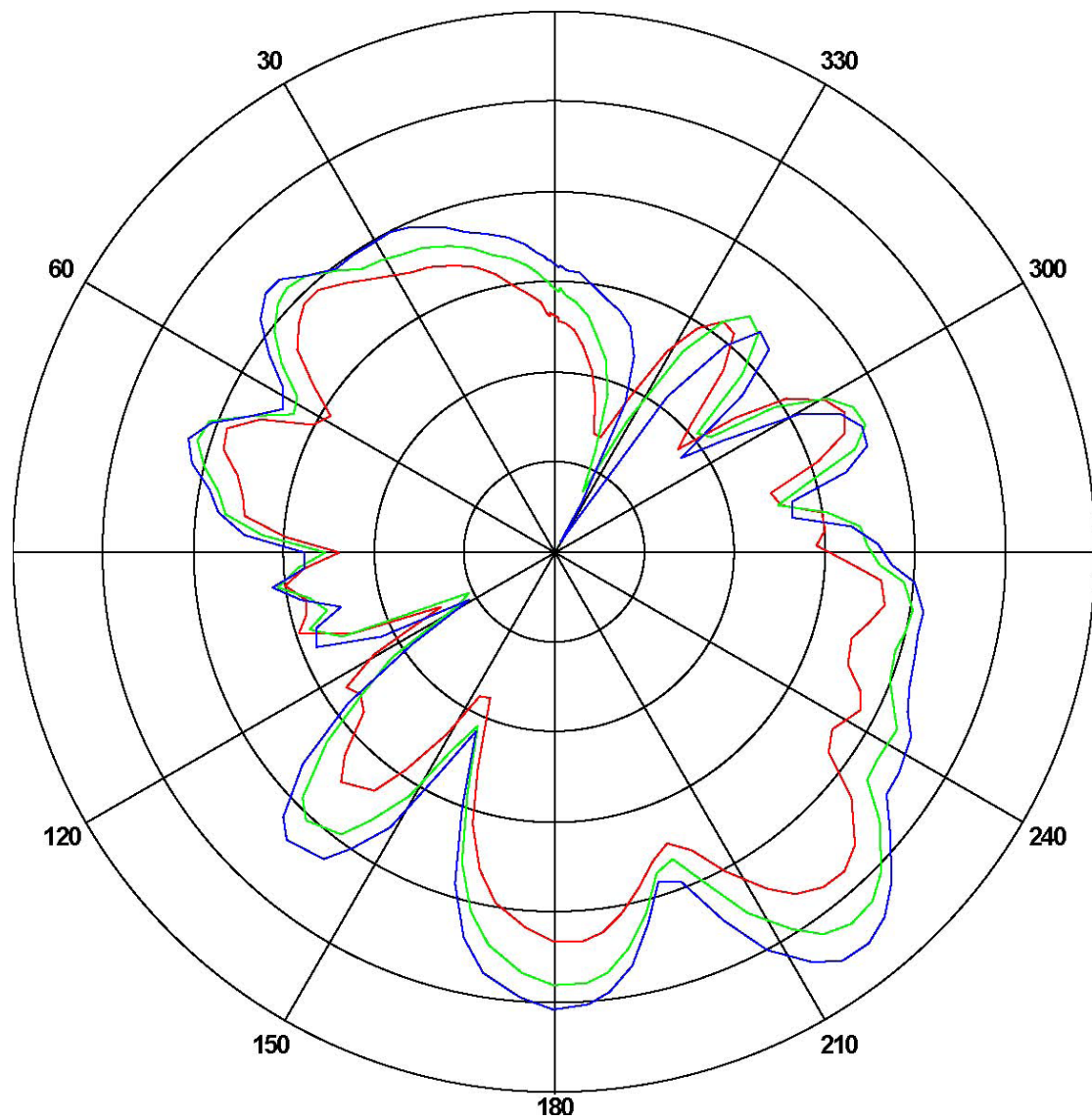


Frequency (MHz)	Gain(dBi)		
	Max	Min	Avg
2405	2.23	-30.0801	-7.18716
2440	2.82	-36.5604	-7.48023
2480	3.00	-22.0315	-6.59127

Vertical: 2405 MHz 2440 MHz 2480 MHz

Power (dBm)

Max: 0 Min: -30 Scale: 5/div



Frequency (MHz)	Gain(dBi)		
	Max	Min	Avg
2405	-1.67	-22.1424	-12.4294
2440	1.12	-24.5837	-10.4702
2480	1.72	-29.5214	-9.20432

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