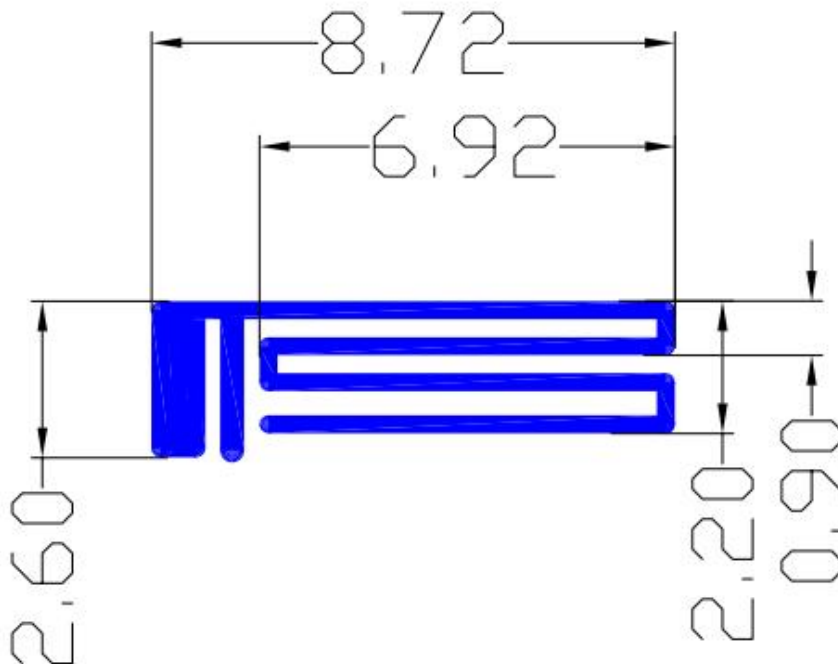


Inverted F Antenna Specification

Summary

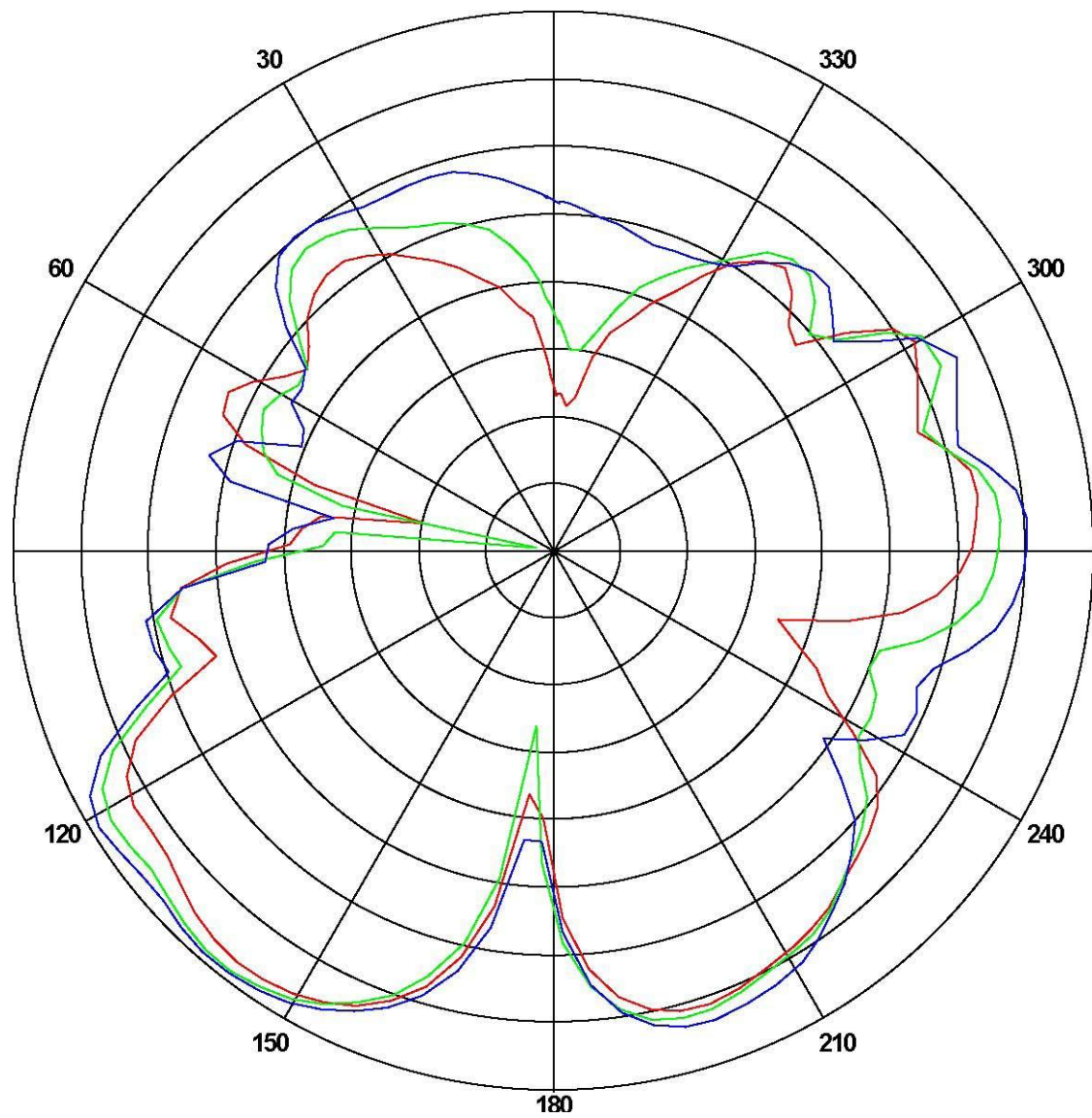
ITEM	ANT SPEC					
Model Name	2.4G ANT					
Center Frequency Gain(dBi)	Horizontal			Vertical		
	2400MHz	2450MHz	2500MHz	2400MHz	2450MHz	2500MHz
	-1.26	-0.76	-0.58	-5.25	-2.46	-1.86
MAX. Gain	-0.58dBi					
Polarization	Horizontal and Vertical					
Azimuth Beam Pattern	Omni-directional					
Impedance	50 Ohm					
Antenna Length	37.38mm					
Antenna type	PCB Antenna					
Manufacture	Yichip Microelectronics (Hangzhou) Co.,Ltd.					
Adress	Room 501, Building 1A, No.57 Jianger Road, Changhe Street, Binjiang District, Hangzhou City, Zhejiang Province, P.R.China					
Test Company	TA Technology (Shanghai) Co., Ltd.					
Test Address	Building 1, No. 400, Fangchun Road, China (Shanghai) Pilot Free Trade Zone					
Test Instrument	Keysight E5071B					

Antenna Photo & Length (mm)



Horizontal: 2400 MHz 2450 MHz 2500 MHz

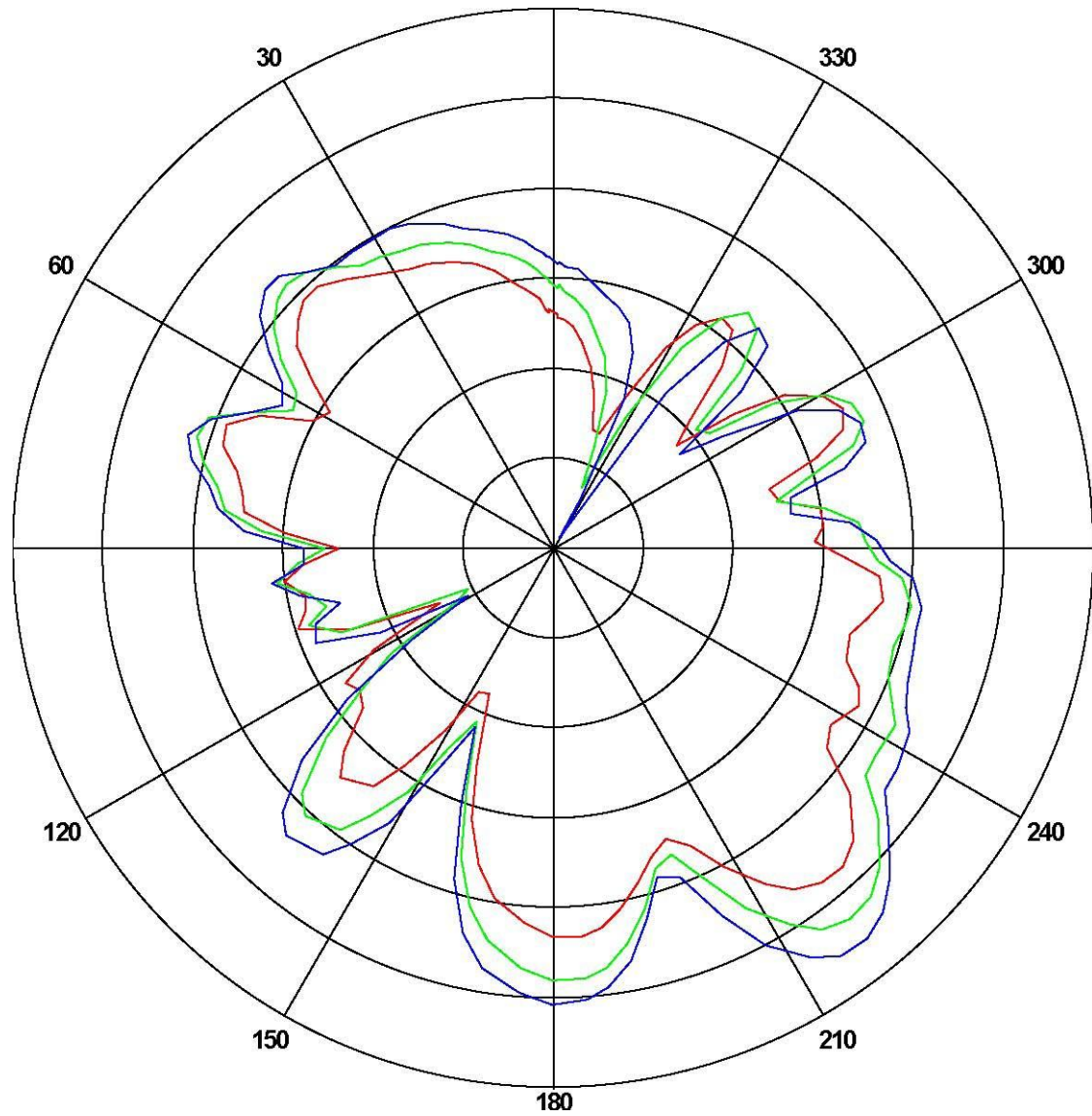
Max: 0 Min: -40 Scale: 5/div



Frequency (MHz)	Gain(dBi)		
	Max	Min	Avg
2400	-1.26174	-30.0801	-7.18716
2450	-0.765802	-36.5604	-7.48023
2500	-0.585582	-22.0315	-6.59127

Vertical: 2400 MHz 2450 MHz 2500 MHz

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



Frequency (MHz)	Gain(dBi)		
	Max	Min	Avg
2400	-5.2537	-22.1424	-12.4294
2450	-2.4652	-24.5837	-10.4702
2500	-1.86120	-29.5214	-9.20432

3D Radiation Pattern

3D pattern

