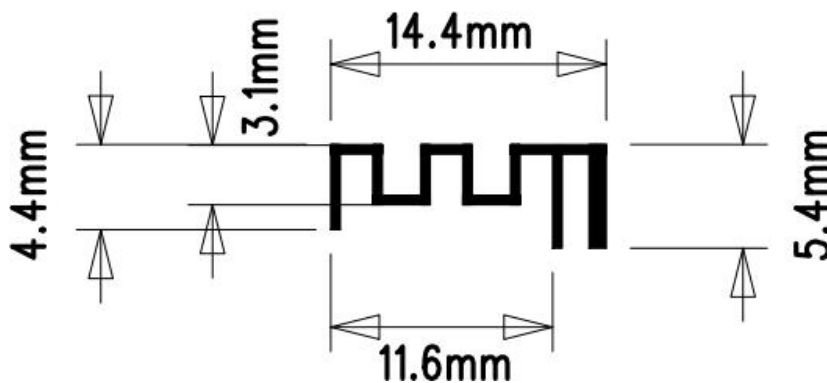


Inverted F Antenna Specification

Summary

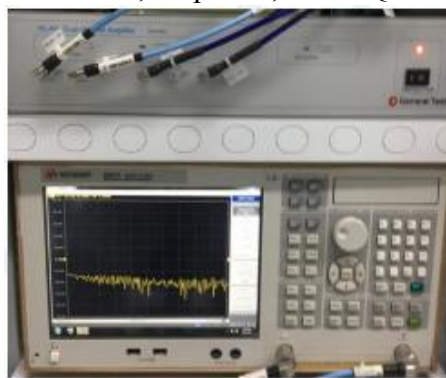
ITEM	ANT SPEC					
Model Name	2.4G ANT					
Center Frequency	Horizontal			Vertical		
	2400MHz	2450MHz	2500MHz	2400MHz	2450MHz	2500MHz
	-1.26dBi	-0.76dBi	-0.58dBi	-5.25dBi	-2.46dBi	-1.86dBi
MAX. Gain	-0.58dBi					
Polarization	Horizontal and Vertical					
Azimuth Beam Pattern	Omni-directional					
Impedance	50 Ohm					
Antenna Length	38.76mm					
Manufacture	Anhui Electronic Technology CO.,LTD					

Antenna Photo & Length (mm)



Testing site and equipment:

Microwave darkroom, PC, spectrometer, amplifier, etc , Quiet zone range 1m;



Test method:

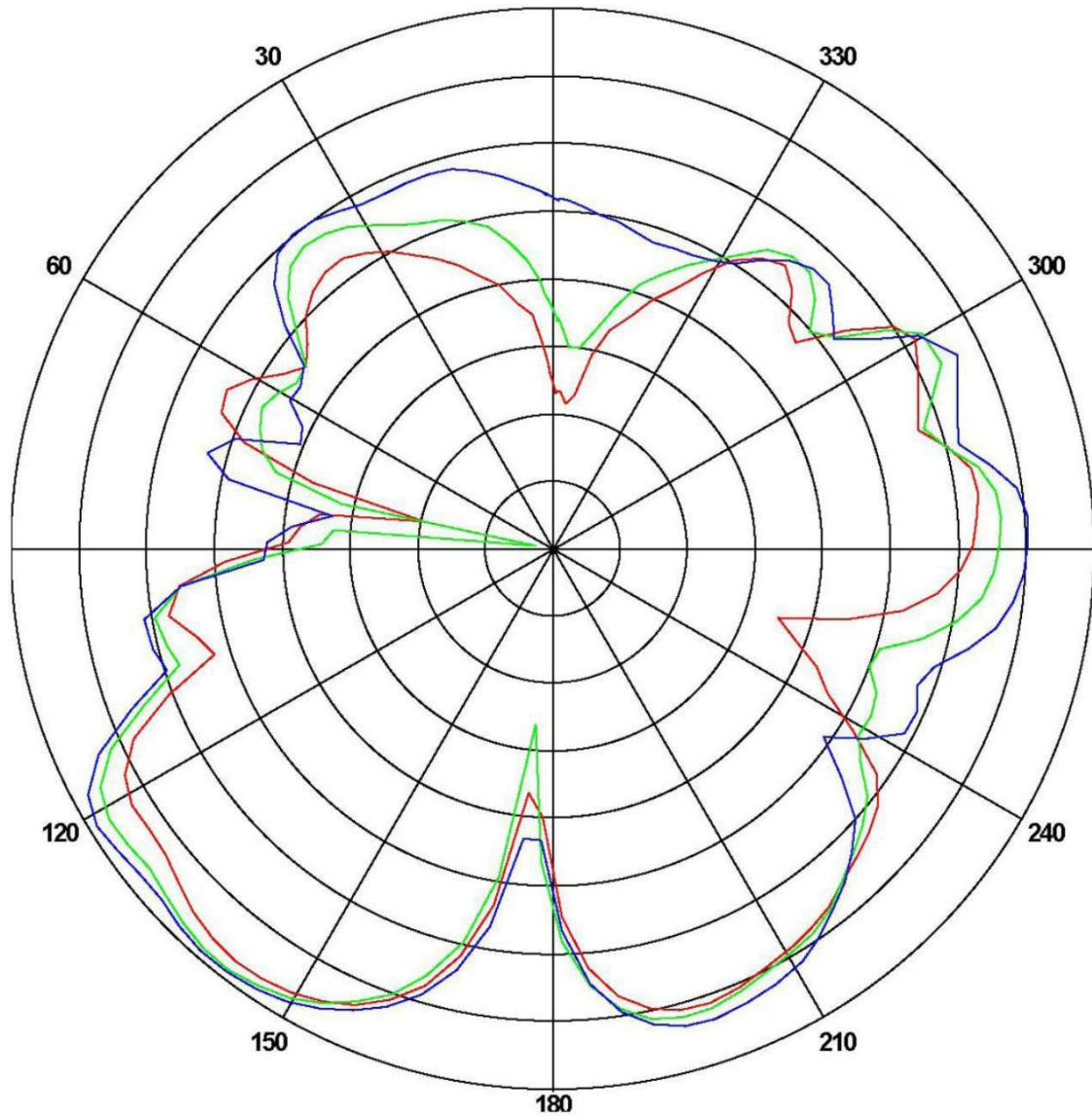
When testing the efficiency of bare board PCB antennas, solder the Cable to the bare board, and then connect it to the OTA device. The testing frequency range is 2400MHZ-2500MHZ;

Antenna Radiation Pattern

Horizontal: 2400 MHz 2450 MHz 2500 MHz

Power (dBm)

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

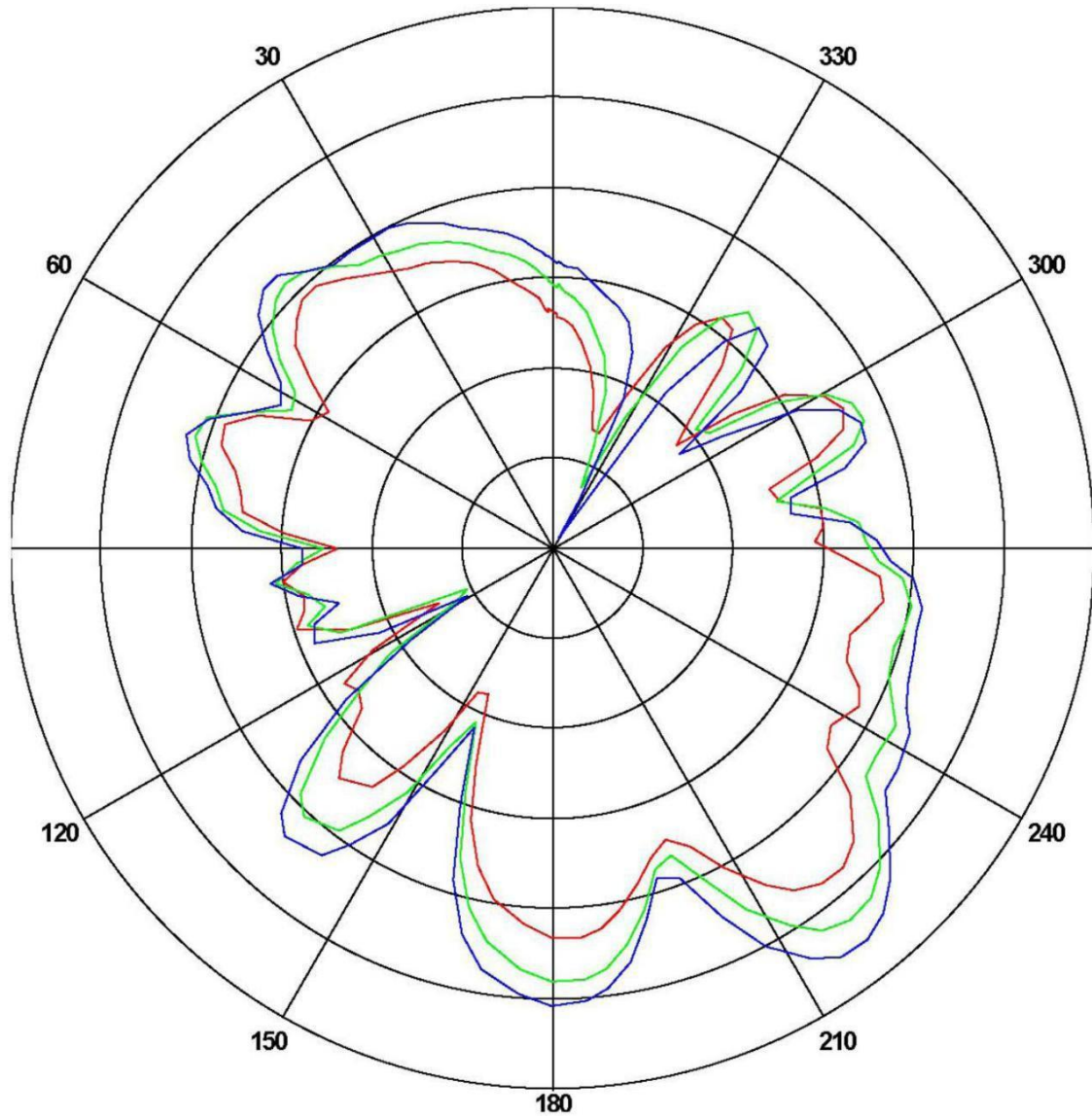


Frequency (MHz)	Gain(dBi)		
	Max	Min	Avg
2400	-1.26174	-30.0801	-7.18716
2450	-0.765802	-36.5604	-7.48023
2500	-0.585582	-22.0315	-6.59127

Vertical: 2400 MHz 2450 MHz 2500 MHz

Power (dBm)

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