

Inverted F Antenna Specification

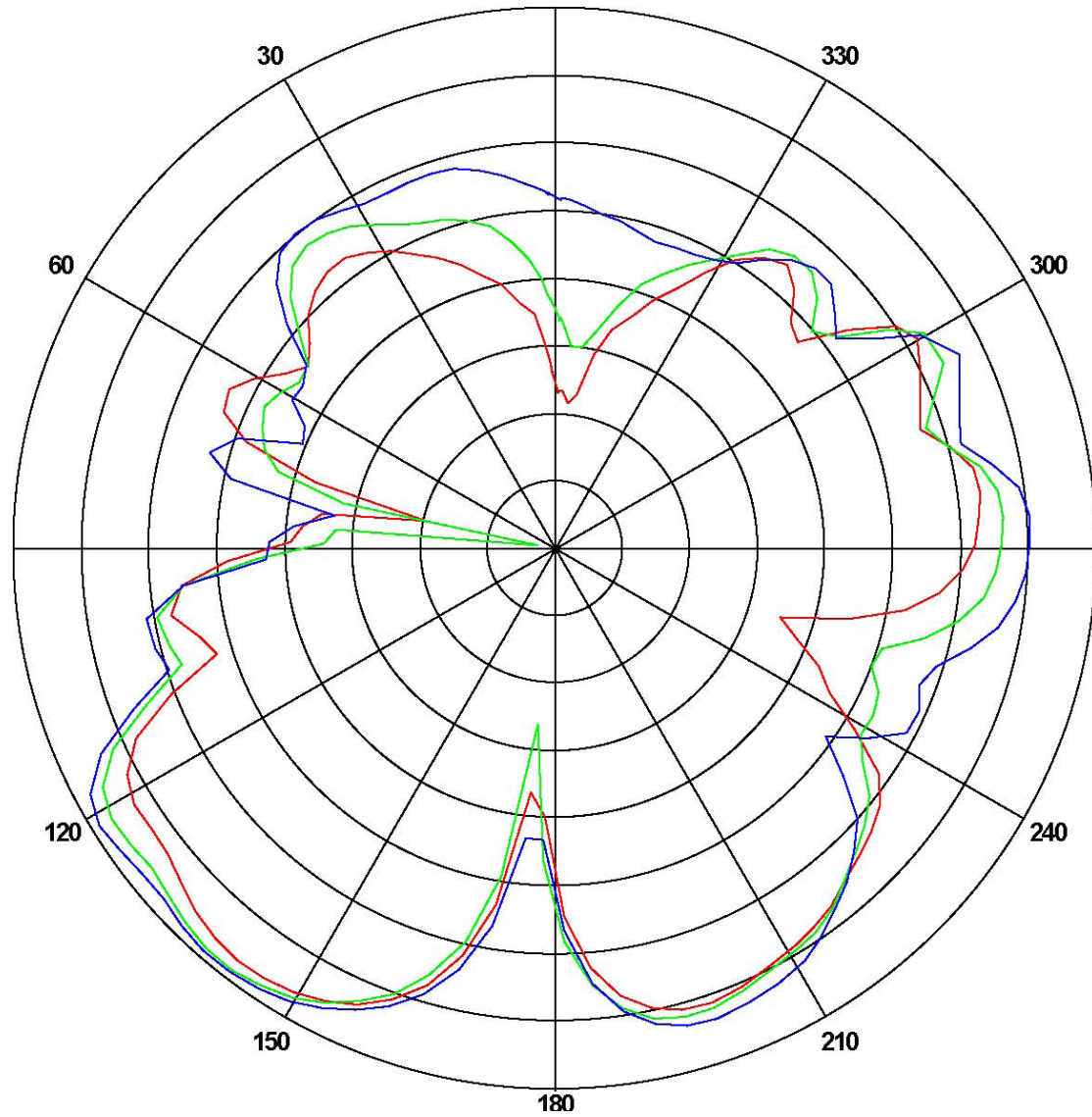
ITEM	ANT SPEC					
Model Name	2.4G ANT					
Center Frequency	Horizontal			Vertical		
	2400MHz	2450MHz	2500MHz	2400MHz	2450MHz	2500MHz
	-1.26	-0.76	-0.58	-5.25	-2.46	-1.86
MAX. Gain	-0.58dBi					
Polarization	Horizontal and Vertical					
Azimuth Beam Pattern	Omni-directional					
Impedance	50 Ohm					
Manufacture	MOCREO PTE. LTD.					

Figure 1: Schematic diagram of the normal module PIFA antenna. The diagram shows a red meander line structure on a black substrate. Dimensions are provided in millimeters: 1.0mm, 1.0mm, 1.5mm, 1.5mm, 4.8mm, 0.5mm, 4.5mm, 1.5mm, 7.5mm, and 1.0mm. Labels include ANT1, C4, L2, L3, C5, L4, and C10.

Horizontal: 2400 MHz 2450 MHz 2500

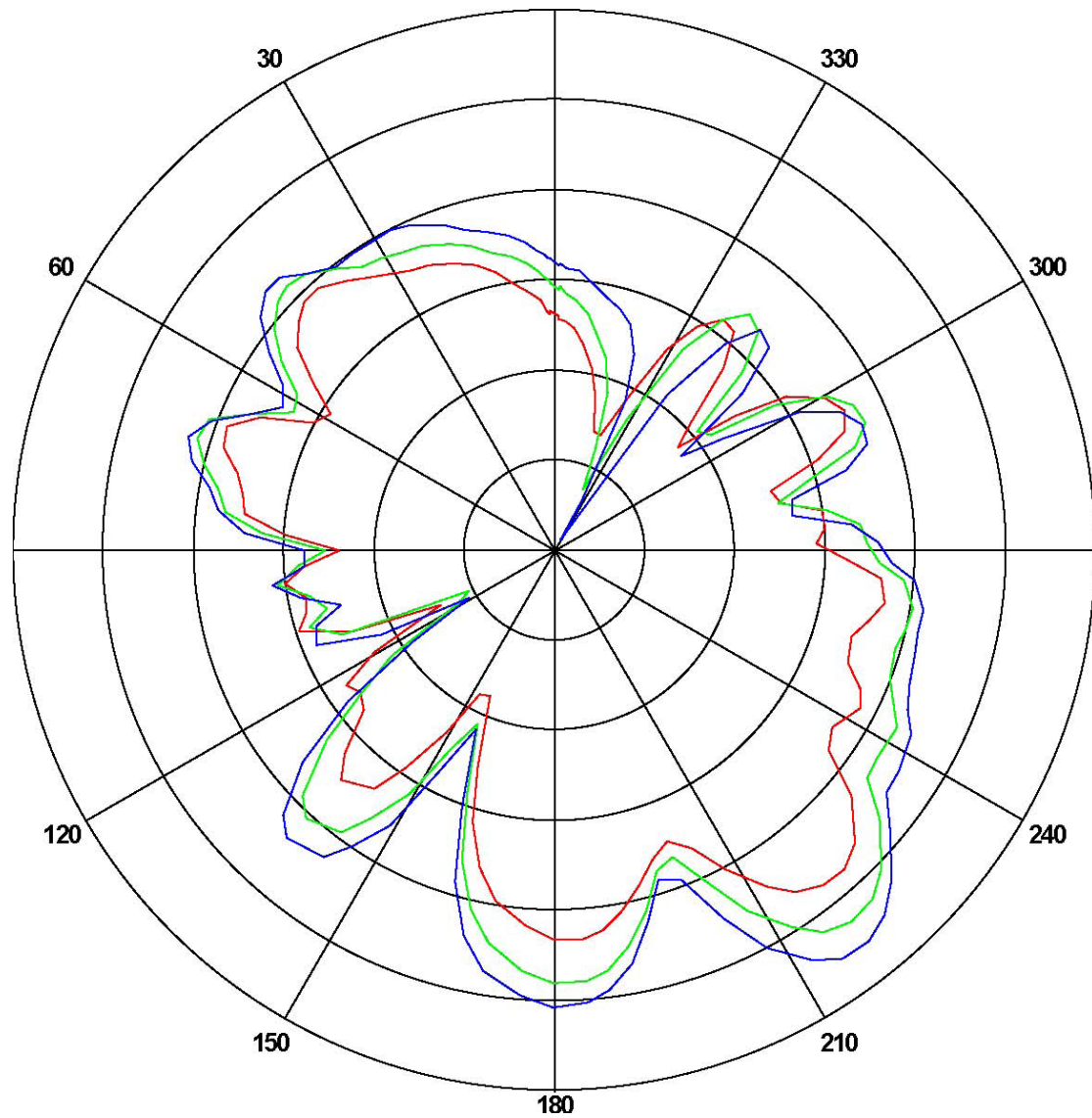
MHz Power (dBi)

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 (dBi)
 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

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