

Inverted F Antenna Spec

Summary

Item	ANT Spec					
Model Name	SI BLE ANT					
Center frequency	Horizontal			Vertical		
	2400MHZ	2450MHZ	2500MHZ	2400MHZ	2450MHZ	2500MHZ
	-1.73	-0.84	-0.68	-6.15	-3.7	-2.32
Max Gain	-0.68dBi					
Polarization	Horizontal & vertical					
Azimuth beam pattern	Omni-directional					
Impedance	50 Ohm					
Manufactuer	DongGuan Signal-etech Electronic Technologies co.,ltd.					
Address	#704A, 2nd bldg, Stars Landmark Square, ChangPing, DongGuan, GuangDong					

Antenna Dimension Drawing

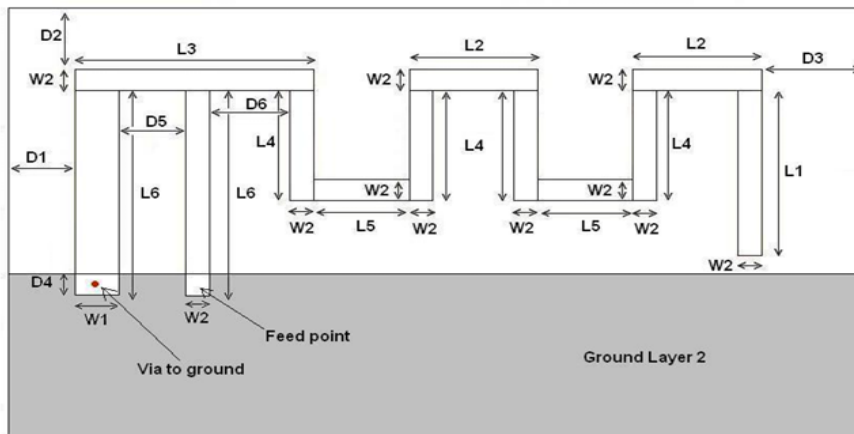


Figure 3: Antenna Dimensions

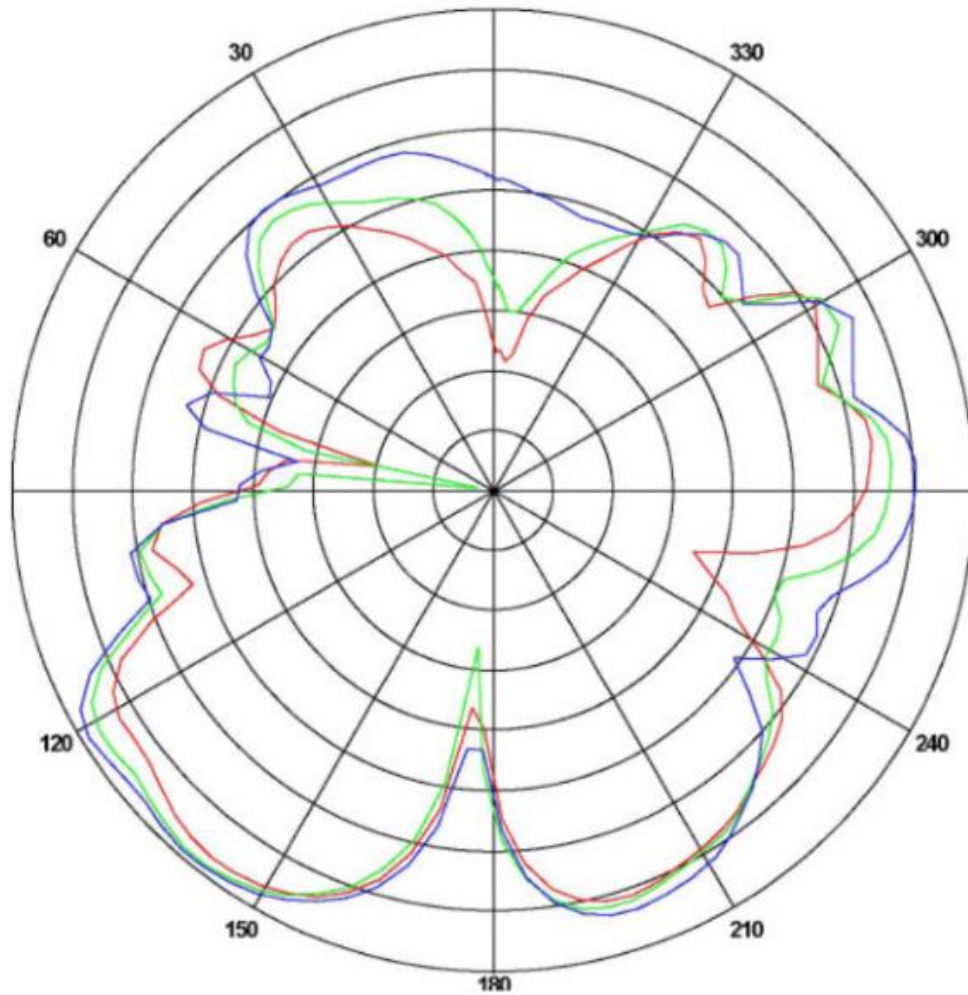
L1	3.94 mm
L2	2.70 mm
L3	5.00 mm
L4	2.64 mm
L5	2.00 mm
L6	4.90 mm
W1	0.90 mm
W2	0.50 mm
D1	0.50 mm
D2	0.30 mm
D3	0.30 mm
D4	0.50 mm
D5	1.40mm
D6	1.70 mm

Table 1: Antenna Dimensions

Horizontal: 2400 MHz 2450 MHz 2500 MHz

Power (dBm)

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

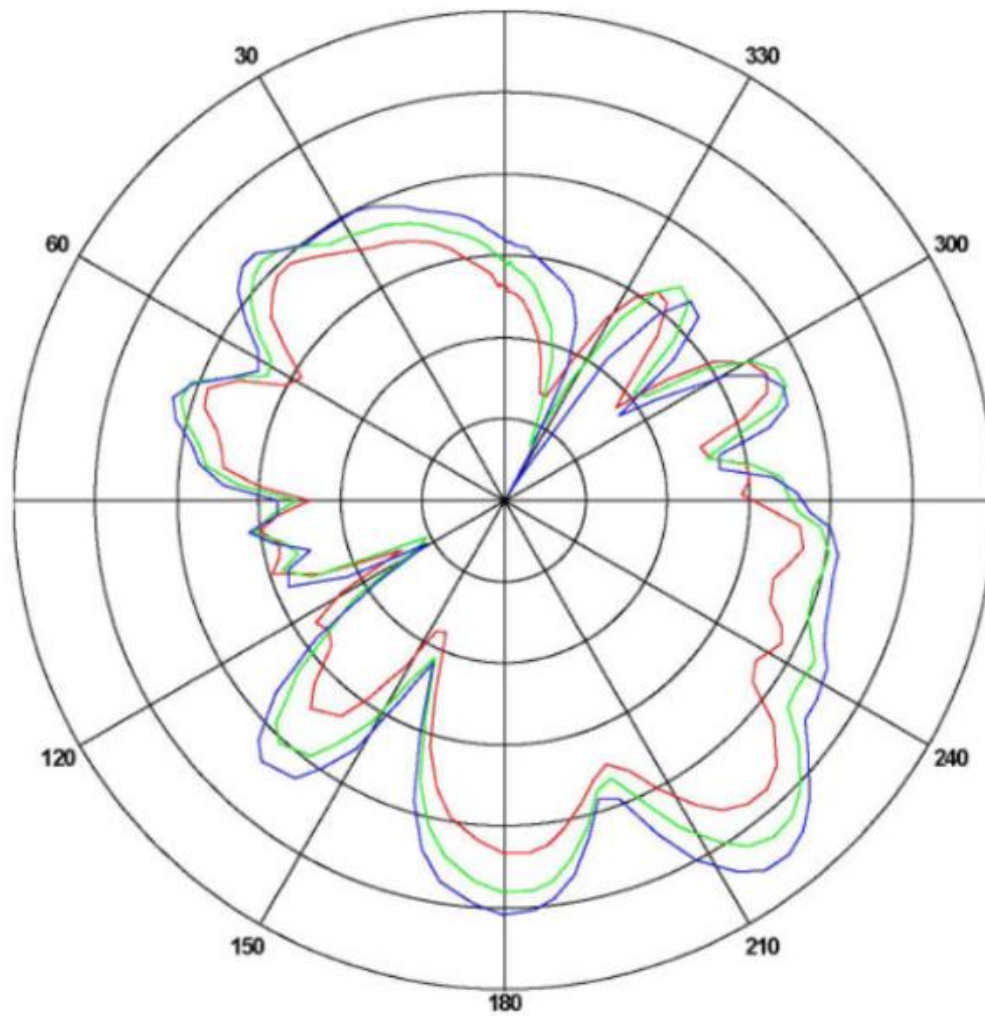


Frequency (MHz)	Gain(dBi)		
	Max	Min	Avg
2400	-1.73178	-30.0815	-8.48713
2450	-0.84525	-38.5245	-7.84085
2500	-0.68478	-24.5456	-6.79504

Vertical: 2400 MHz 2450 MHz 2500 MHz

Power (dBm)

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



Frequency (MHz)	Gain(dBi)		
	Max	Min	Avg
2400	-6.1530	-24.1428	-13.0295
2450	-3.7054	-26.5836	-10.6710
2500	-2.32122	-30.4302	-9.70256