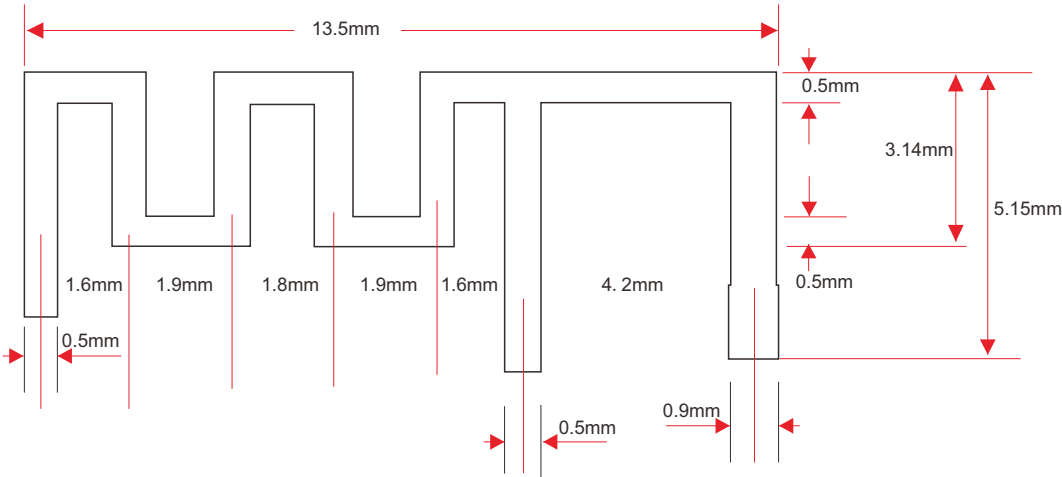


Inverted F Antenna Specification

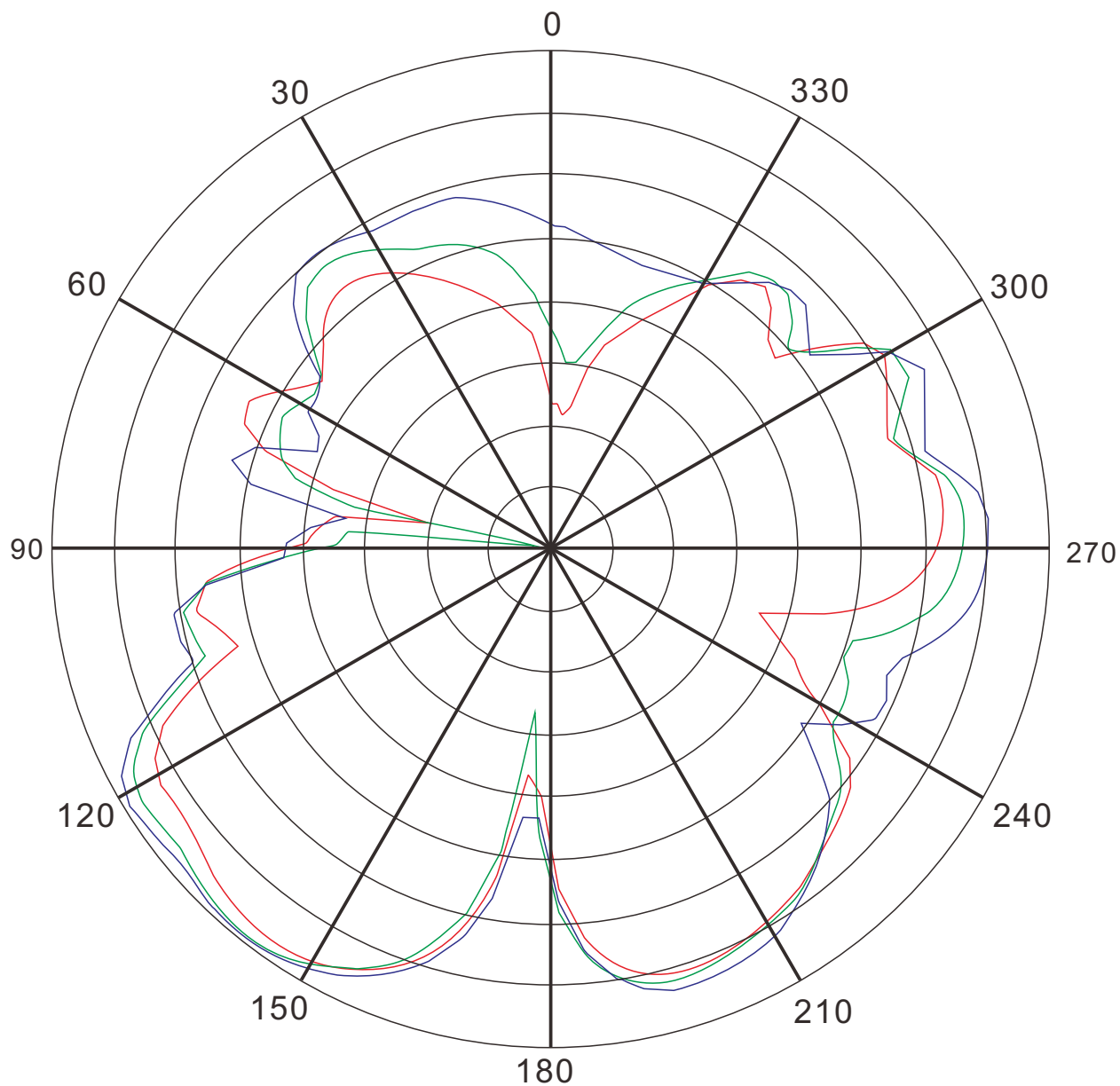
Summary

ITEM	ANT SPEC					
Model Name	2.4G ANT					
Center Frequency	Horizontal			Vertical		
	2400MHz	2450MHz	2500MHz	2400MHz	2450MHz	2500MHz
	-1.74	-0.85	-0.68	-6.15	-3.72	-2.34
MAX.Gain	-0.68					
Polarization	Horizontal and Vertical					
Azimuth Beam Pattern	Omni-directional					
Impedance	50 Ohm					
Type of Antenna	PCB antenna					
Manufacture	Shenzhen Gospel Electronic Technology Co., Ltd					
Address	204, Building 9, Xitou Third Industrial Zone, Songgang Street, Bao'an District, Shenzhen					

Bluetooth antenna photo and length (mm)

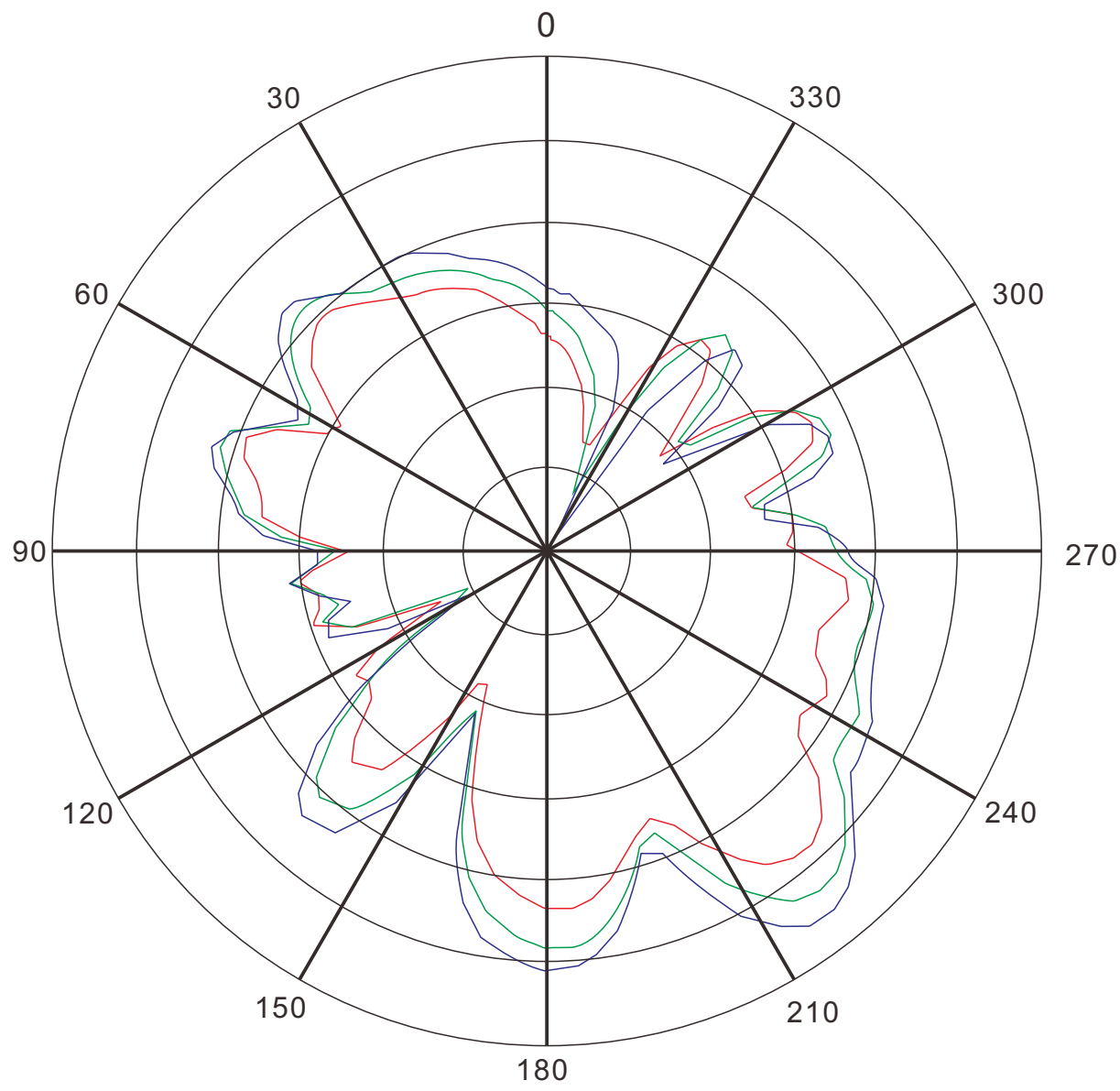


Horizontal:2400MHz 2450MHz 2500MHz
Power(dBm)
Max:0 Min:-40 Scale:5/div



Frequency (MHz)	Gain(dBi)		
	Max	Min	Avg
2400	-1.73177	-30.0815	-8.48712
2450	-0.845801	-38.5604	-7.88012
2500	-0.685587	-24.0319	-6.79140

Vetical:2400MHz 2450MHz 2500MHz
Power(dBm)
Max:0 Min:-30 Scale:5/div



Frequency (MHz)	Gain(dBi)		
	Max	Min	Avg
2400	-6.1531	-24.1421	-13.0296
2450	-3.7055	26.5836	-10.6700
2500	-2.32121	-30.4301	-9.70536