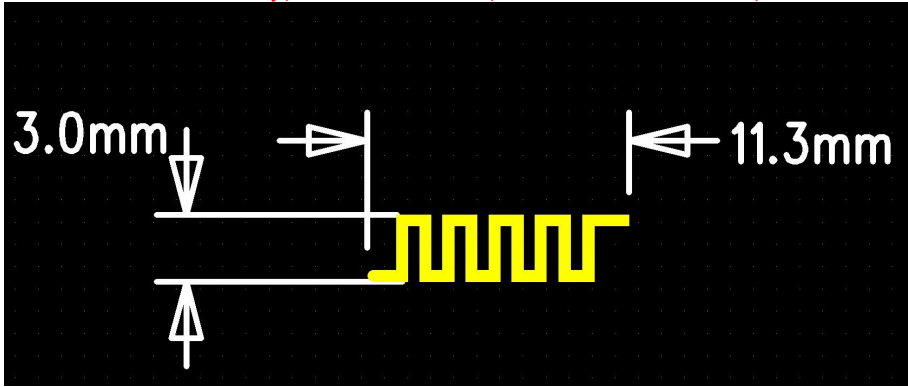


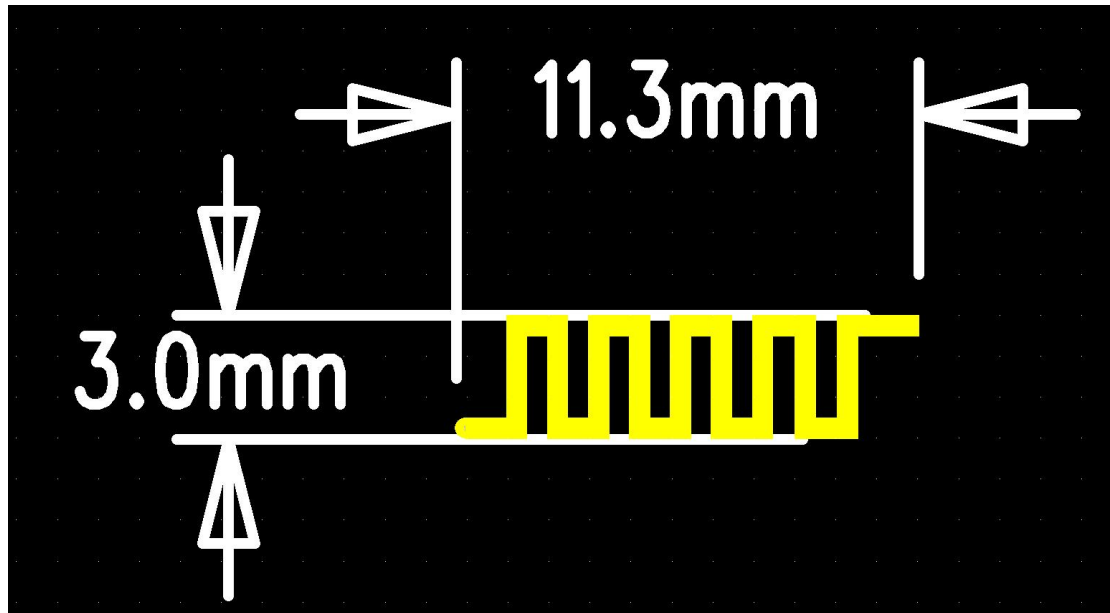
Inverted F Antenna Specification

ITEM	ANT SPEC					
Model Name	PASSIVE2. 4G					
Center Frequency	Horizontal			Vertical		
	2400MHz	2450MHz	2500MHz	2400MHz	2450MHz	2500MHz
	-1.26	-0.76	-0.58	-5.25	-2.46	-1.86
MAX. Gain	-0.58dB					
Polarization	Horizontal and Vertical					
Azimuth Beam Pattern	Omni-directional					
Impedance	50 Ohm					
Antenna Length	38.20mm					
Manufacture	LANXUN TECHNOLOGY CO.,LTD 13F, Unit 1, Building A, Wisdom Plaza, No. 4068 Qiaoxiang Road, Gaofa Community, Shahe Street, Nanshan District, Shenzhen					
						
Horizontal: 2400 MHz 2450 MHz 2500 MHz						
Power (dBm)						
Max: 0 Min: -40 Scale: 5/div						

2.4GHz : ANT-S-L

ANT-S-L Chip antenna

Suitable for Bluetooth/wireless LAN applications



Dimension (mm)

2.4GHz ANT-S-L

Material: Copper

operating frequency: 2.4GHz-2.5GHz

Mode: Single pole single feed

Antenna type: PCB antenna

Electrical specifications; Electrical performance; Electrical specifications; Electrical parameters; Electrical specification

Center frequency point: 2.45GHz

bandwidth: 100 (Min.)GHz

Loop (echo) loss: -6.8 (Max)

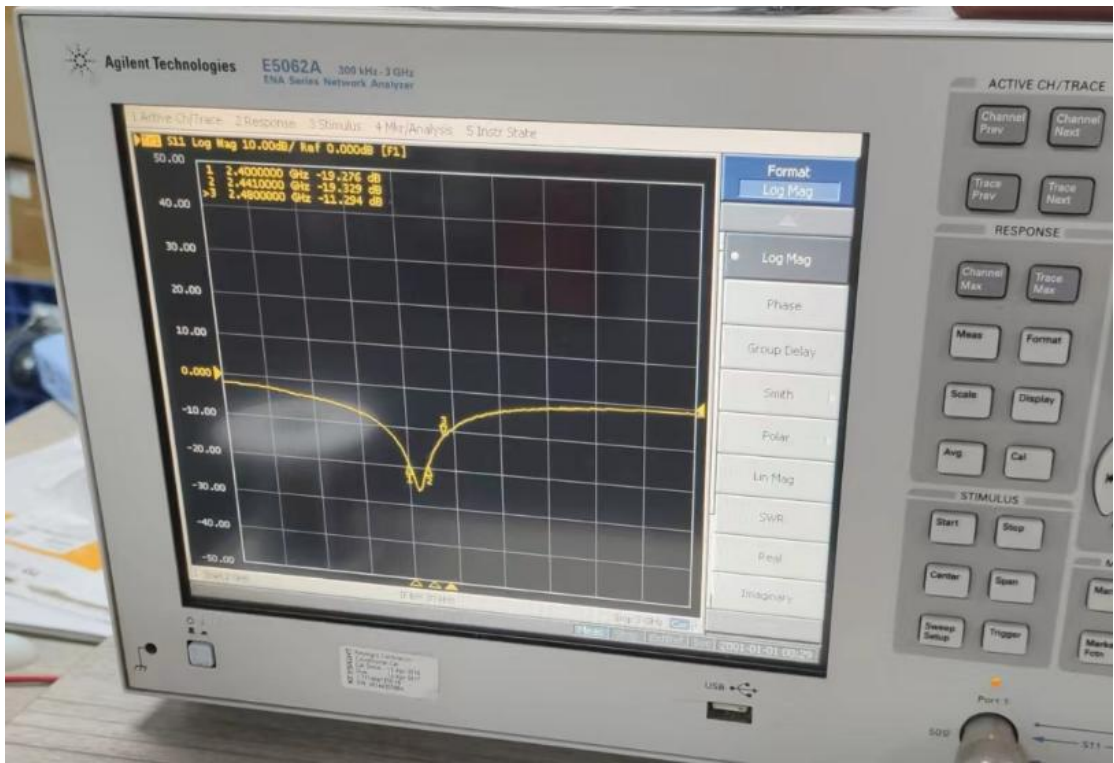
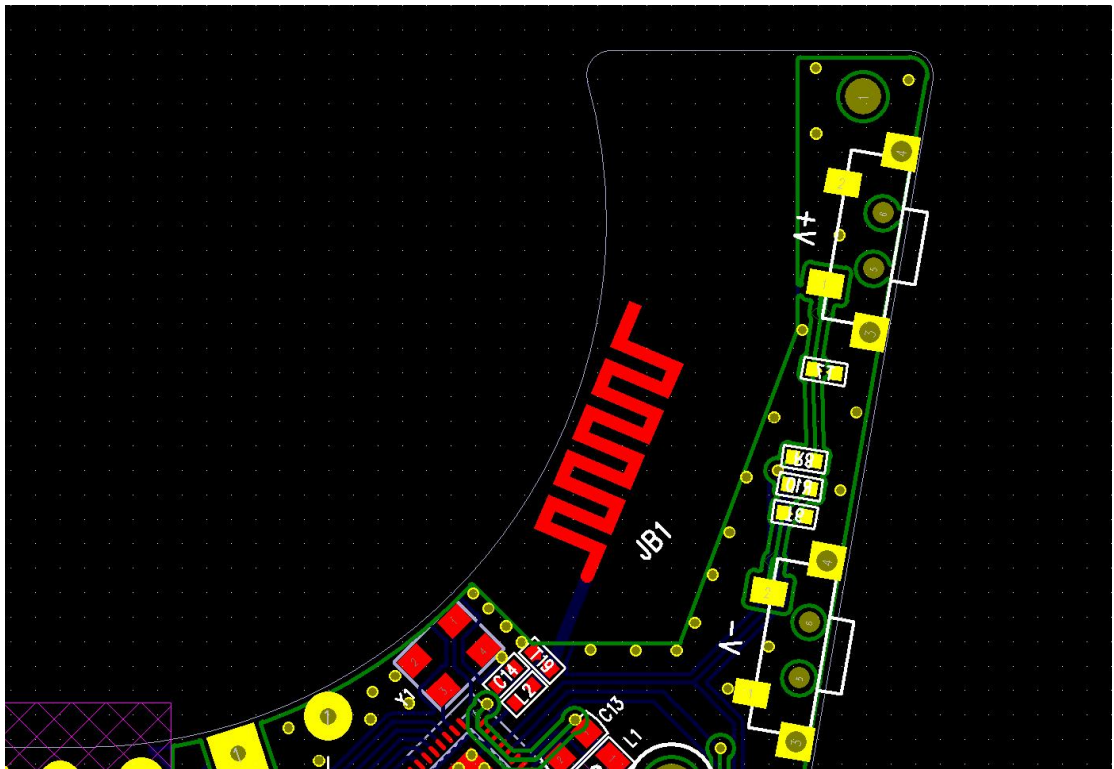
dBgain value: -0.58dBi

impedance: 50 Ohm

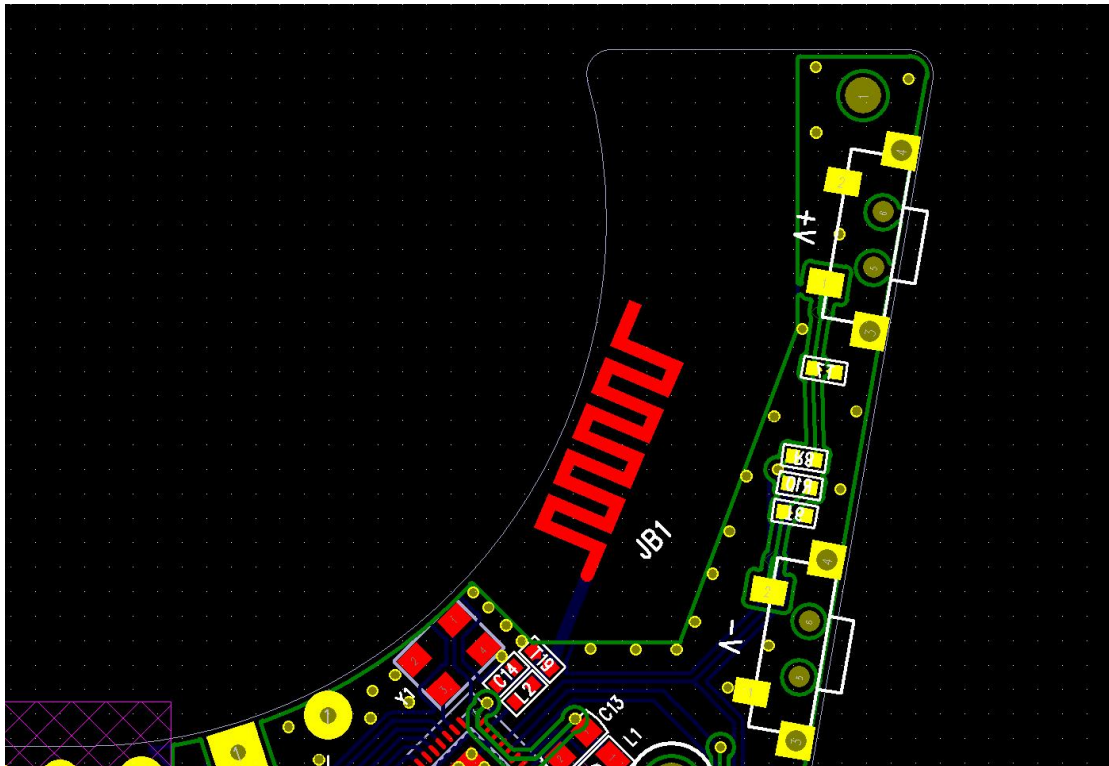
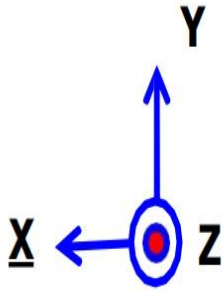
environment temperature: -40~+85 °C

maximum power: 4 W

graphic pattern



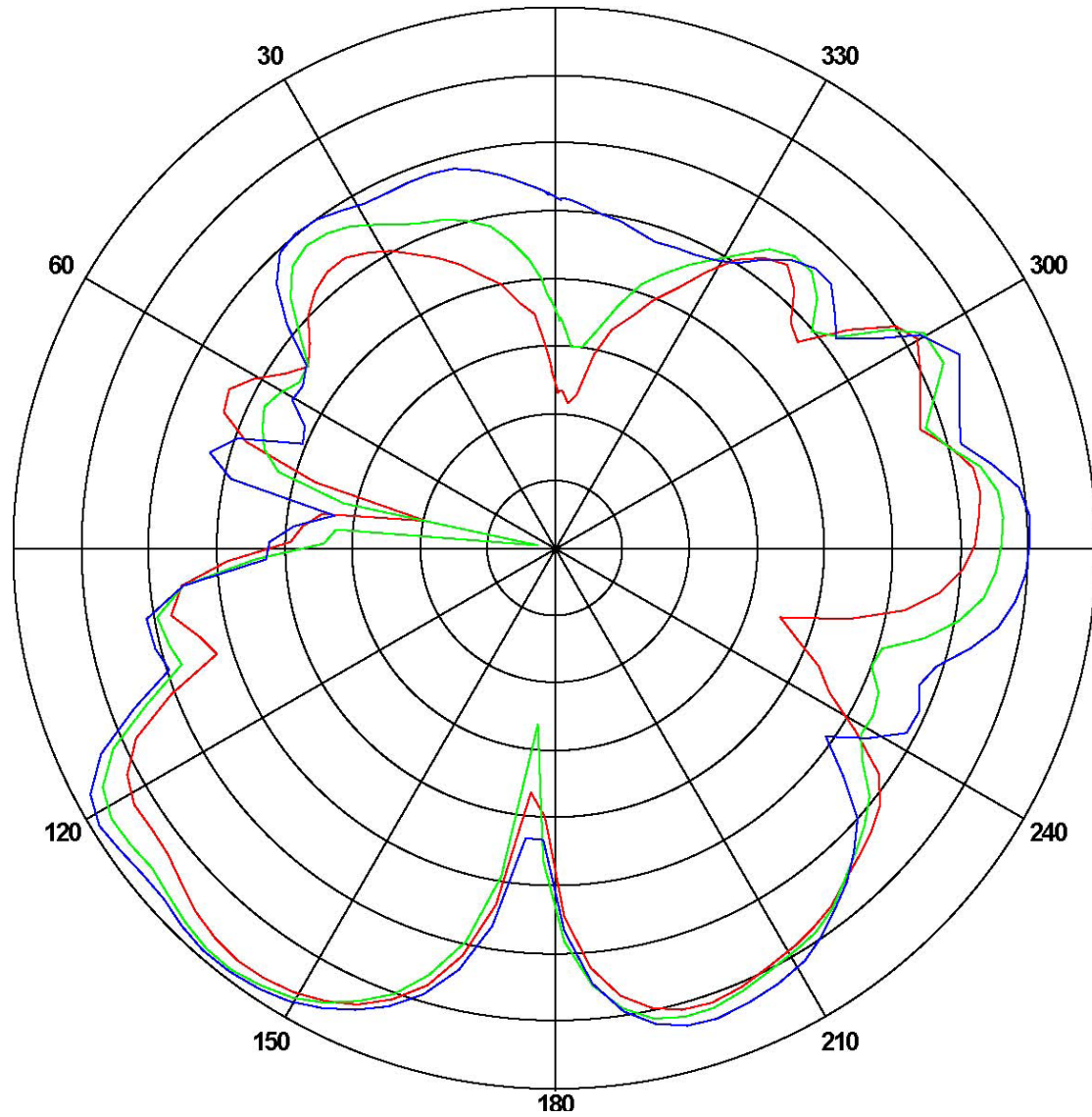
Radiation field type:



Horizontal: 2400 MHz 2450 MHz 2500 MHz

Power (dBm)

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

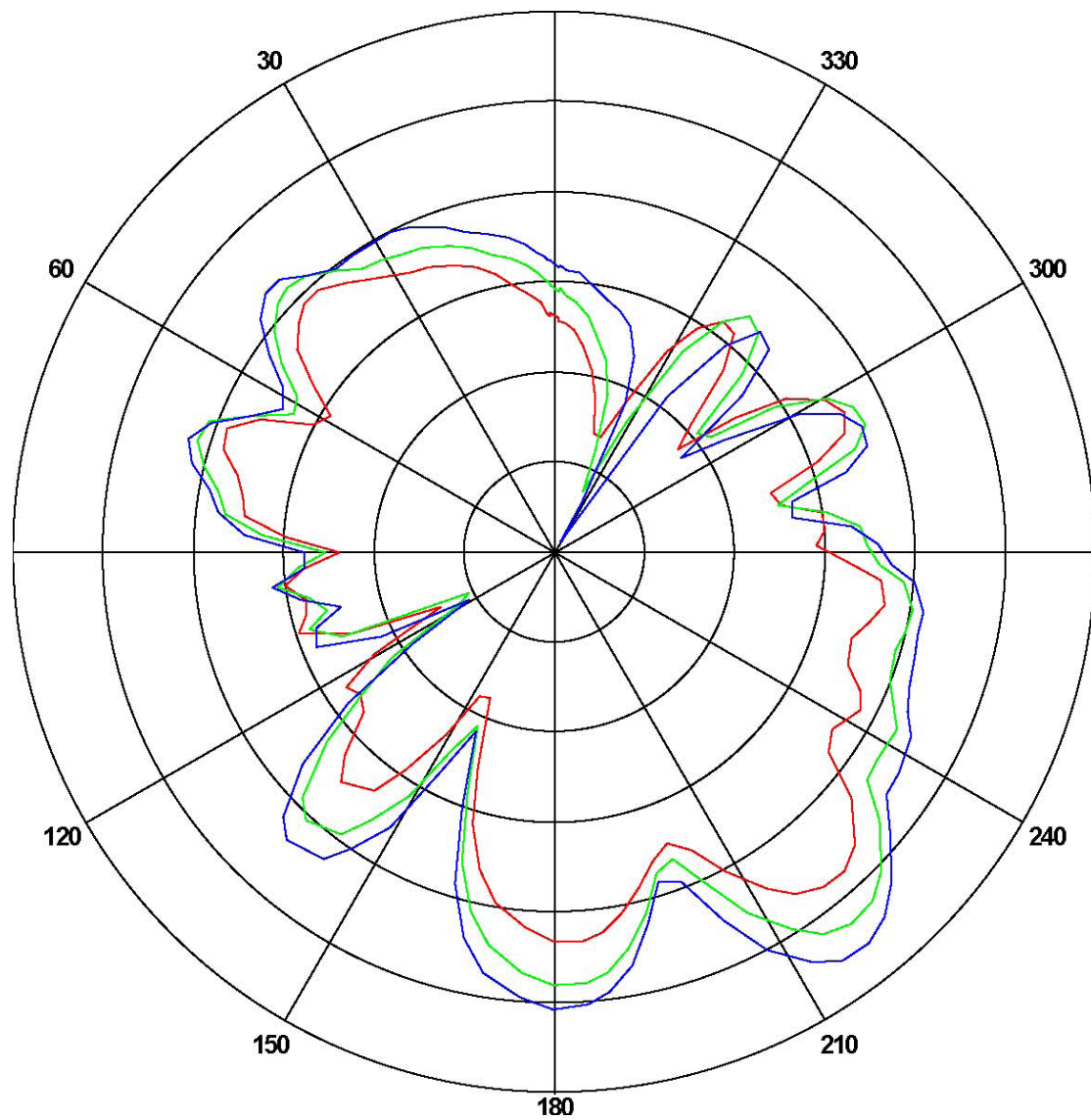


Frequency (MHz)	Gain(dB)		
	Max	Min	Avg
2400	-1.26174	-30.0801	-7.18716
2450	-0.765802	-36.5604	-7.48023
2500	-0.585582	-22.0315	-6.59127

Vertical: 2400 MHz 2450 MHz 2500 MHz

Power (dBm)

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



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