

Inverted F Antenna Specification

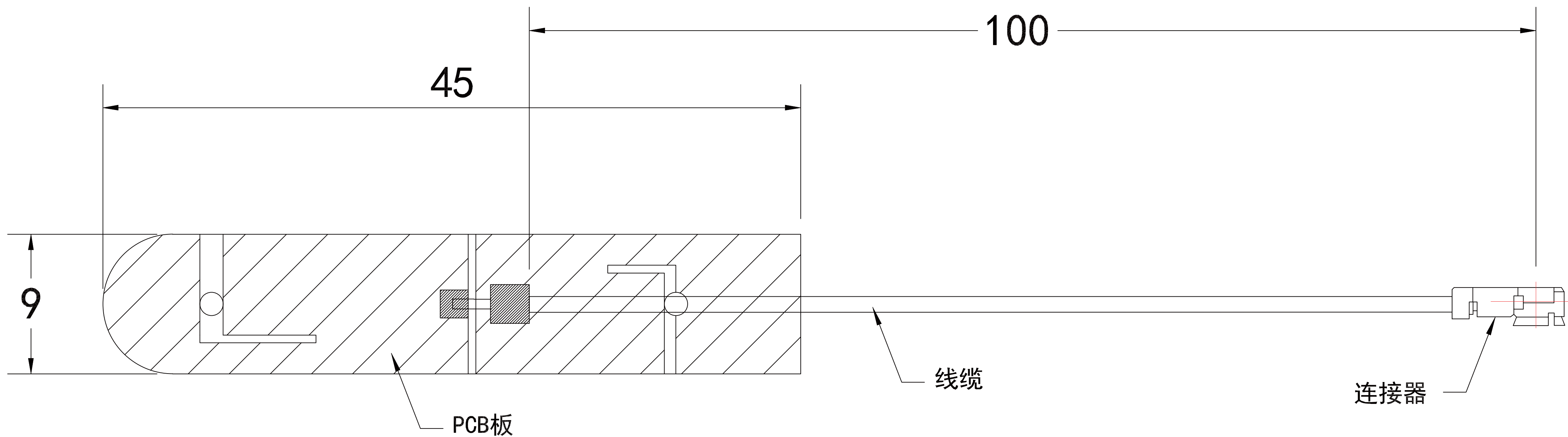
Summary

ITEM	ANT SPEC					
Model Name	2.4G ANT					
Center Frequency	Horizontal			Vertical		
	2400MHz	2400MHz	2500MHz	2400MHz	2400MHz	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					
Antenna Length	38.20mm					

Manufacturer:Shen zhen Le Gexun Electronics Co., Ltd
Manufacturer add.:Shenzhen,Bao'an District,Hangcheng Street,Qiangrong East Industrial Zone,Building A2,301,shenzhen,China

RoHS

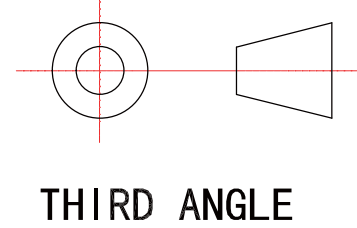
复核	日期	签名



PCB板 : 2. 4G+5. 8G PCB
长度: 45 mm
宽度: 9 mm
颜色: 灰色
线材 : RF1. 13
内 导 体: 全铜镀银
绝 缘 : PTFE
屏 蔽 网: 全铜镀银
外层护套: FEP
连接器 : IPEX-1
内 导 体: 全铜镀金
绝 缘 体: PTFE
外部壳体: 全铜镀金

Frequency	:	2400-2500MHz/5150-5850MHz
Gain	:	2. 0 (dBi)
Impedance	:	50 Ω
VSWR	:	≤ 1.8
Maxi Power	:	50W
Radiation mode	:	Omni-direction
Polarization mode	:	Vertical

未标注公差
公差标准
≤ 10 ± 0.1
$<10 \sim \leq 20$ ± 0.2
$<20 \sim \leq 50$ ± 0.5
Angle $\pm 3^\circ$



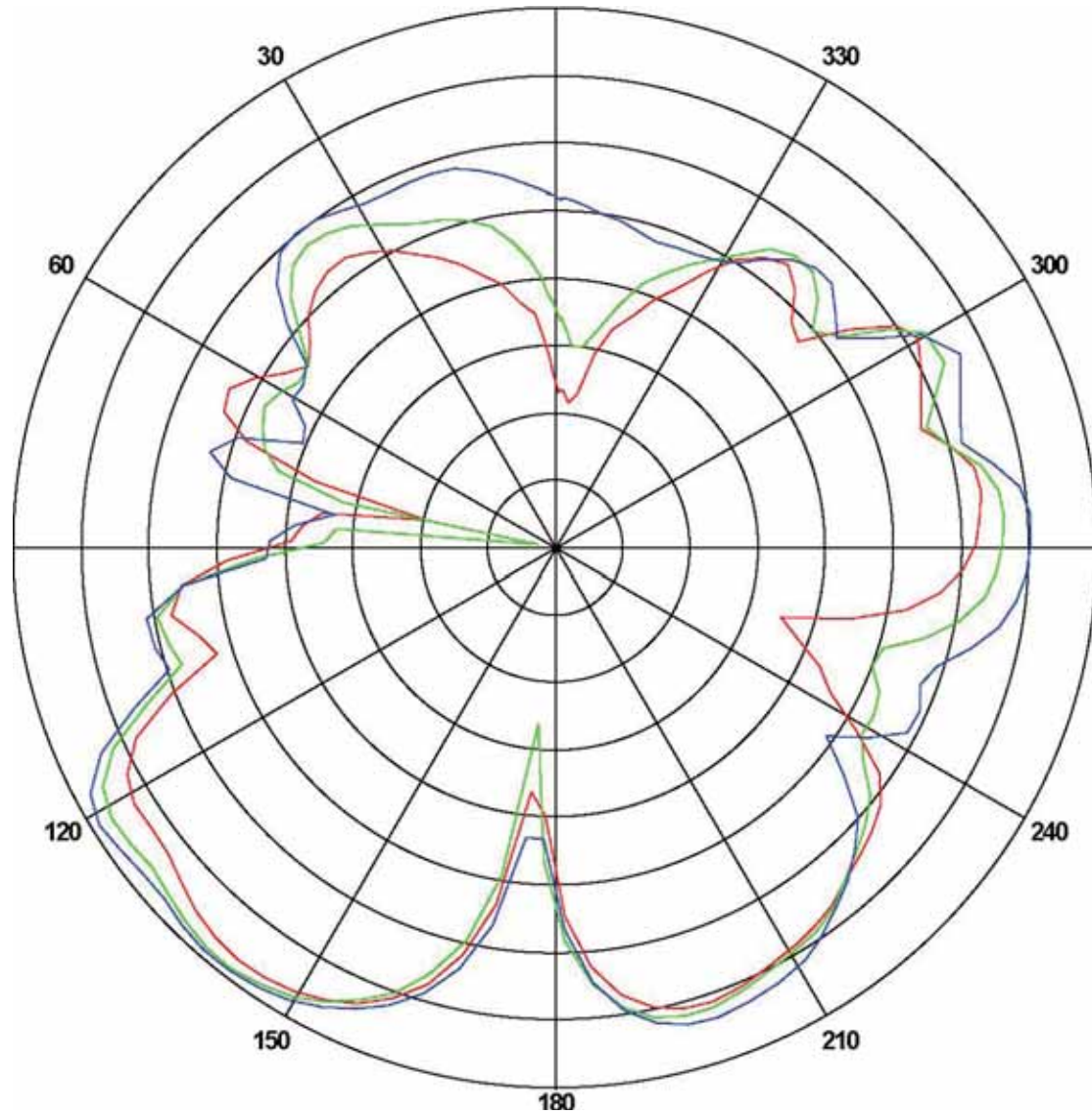
THIRD ANGLE

APVD		品名	2. 4+5. 8G双频PCB天线
审核	作图	货号	AT-1108-0003
单位	比例尺	客户代码	
MM	1 OF 1		

Horizontal: 2400 MHz 2450 MHz 2500 MHz

Power (dBm)

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

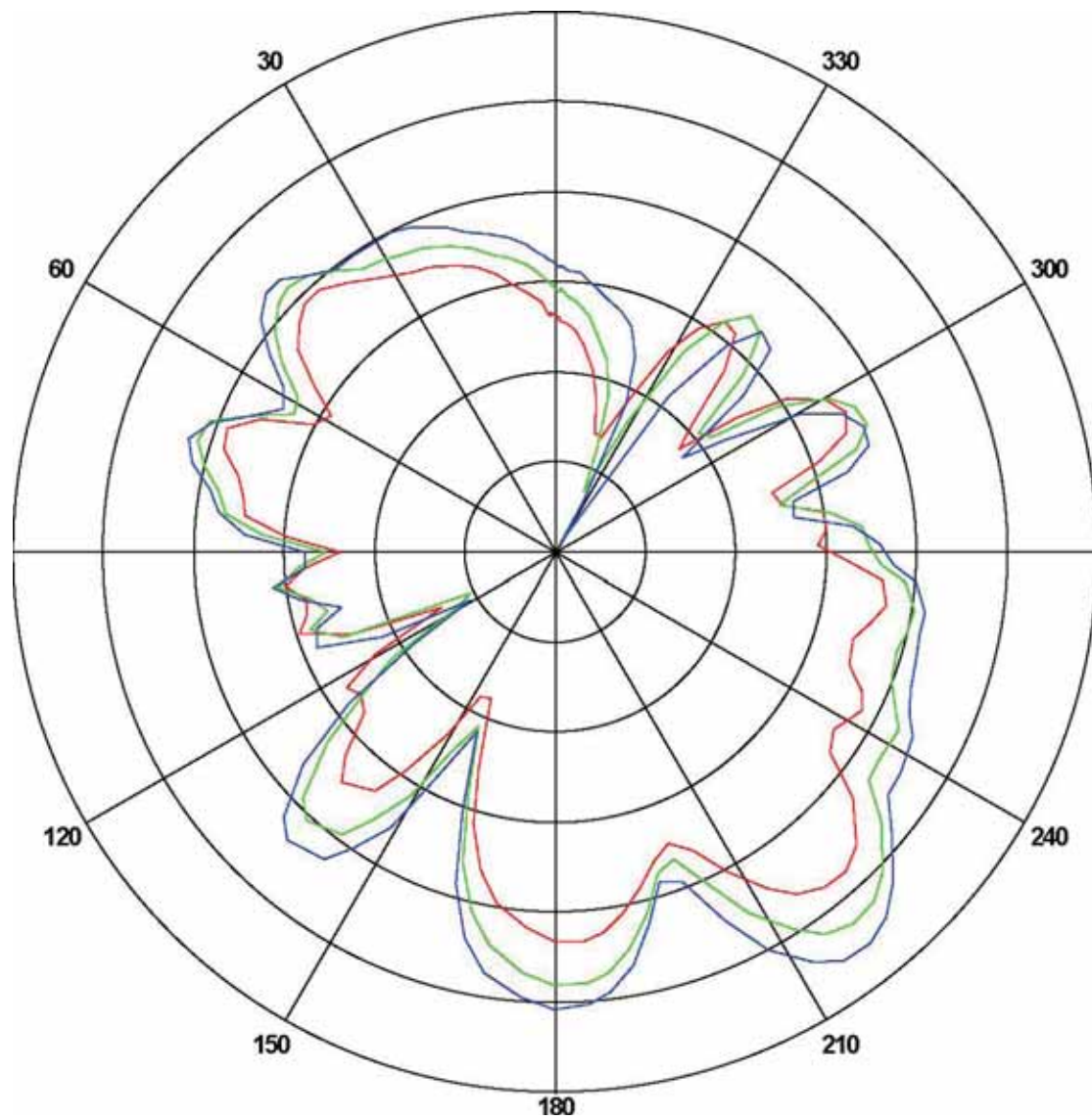


Frequency (MHz)	Gain(dBi)		
	Max	Min	Avg
2400	-1.26174	-30.0801	-7.18716
2450	-0.765802	-36.5604	-7.48023
2500	-0.585582	-22.0315	-6.59127

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

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