

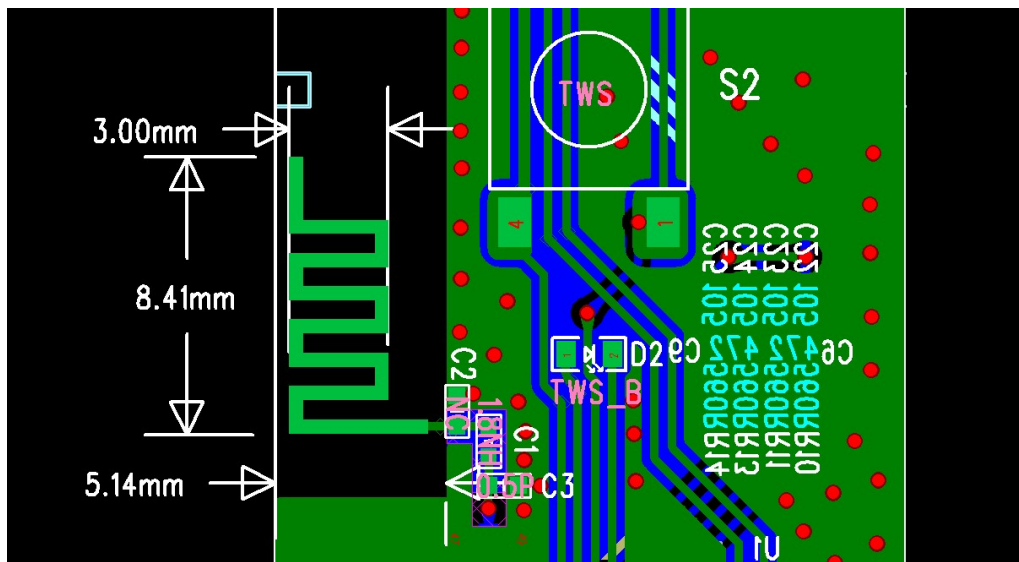
1.Electrical Characteristics

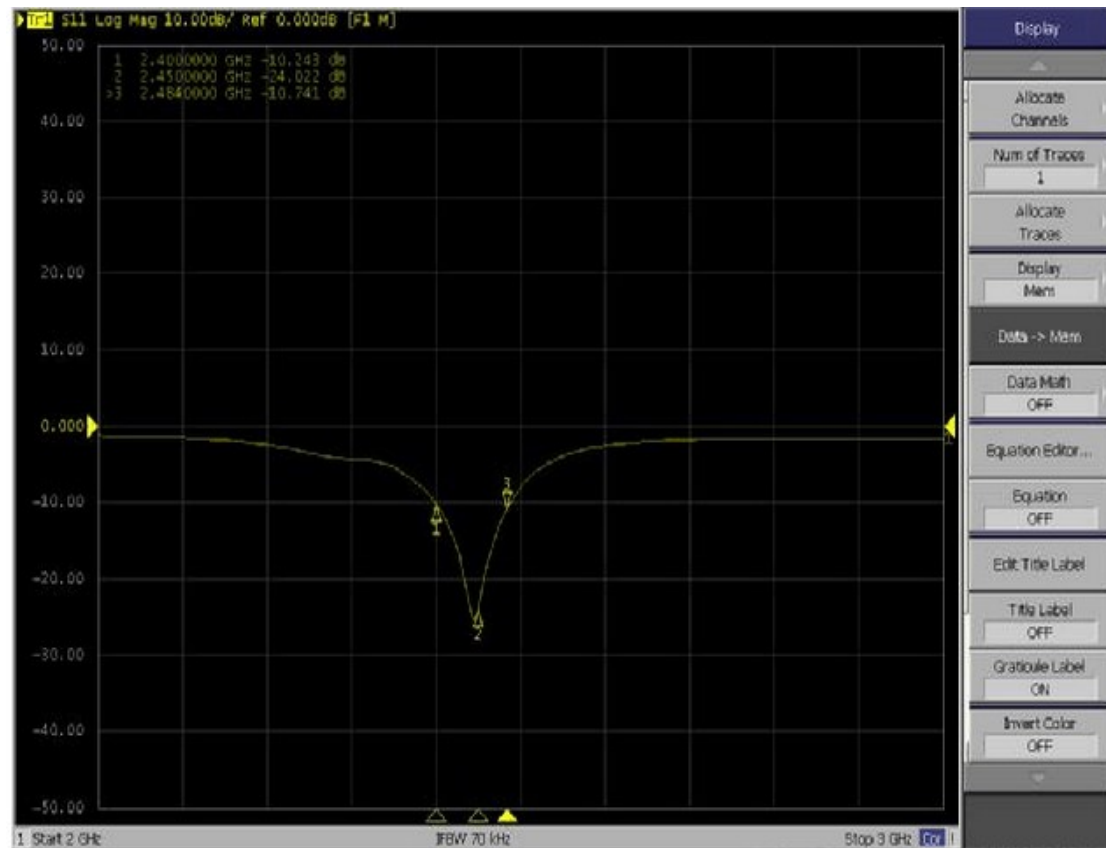
Item	Specification
Model	Blafili XLR
Manufacturer	Shenzhen Tai Yilinan Science & Technology Co.,Ltd
Type	PCB Meander Line Antenna
Central frequency	2.441 GHz
Bandwidth	78 MHz (Typical value)
Gain	1dBi
Polarization	Linear
VSWR	2 max.
Azimuth Bandwith	Omni-directional
Impedance	50Ω
Rated Power (max.)	4dBm
Maximum Input Power	10dBm
Operation Temperature	-40 C ~ +85 C

Manufacturer: Xiamen Lanse Tianchen Technology Co., Ltd.

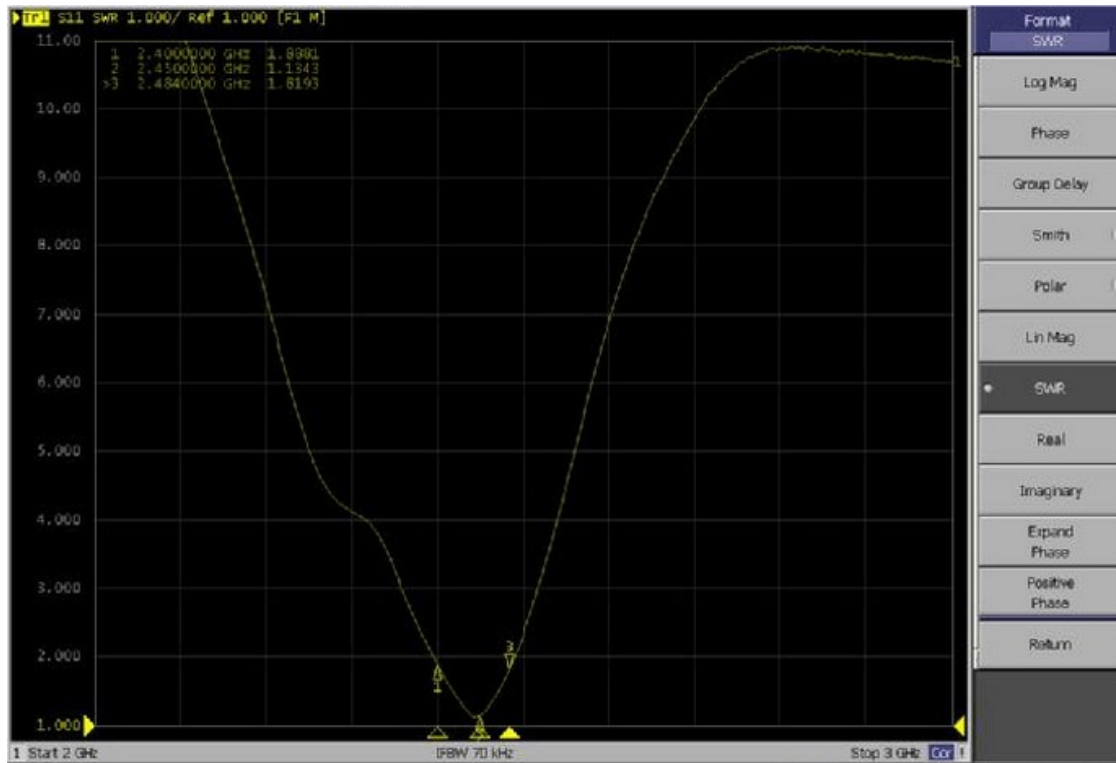
Address: Room 201, No. 149 Qianpu, Qianpu Community, Siming District, Xiamen,Fujian, China

2.The suggestion of matching circuit





Frequency(GHz)	S11(dB)
2.402	-10.24
2.441	-24.02
2.480	-10.74



Frequency(GHz)	VSWR
2.402	1.88
2.441	1.13
2.480	1.81

The reference:

Return Loss	-6.02dB	-7.36dB	-10dB	-13dB	-20dB
VSWR	3	2.5	1.92	1.576	1.22
Return Power Ratio	25%	18.37%	10%	5%	0.98%

