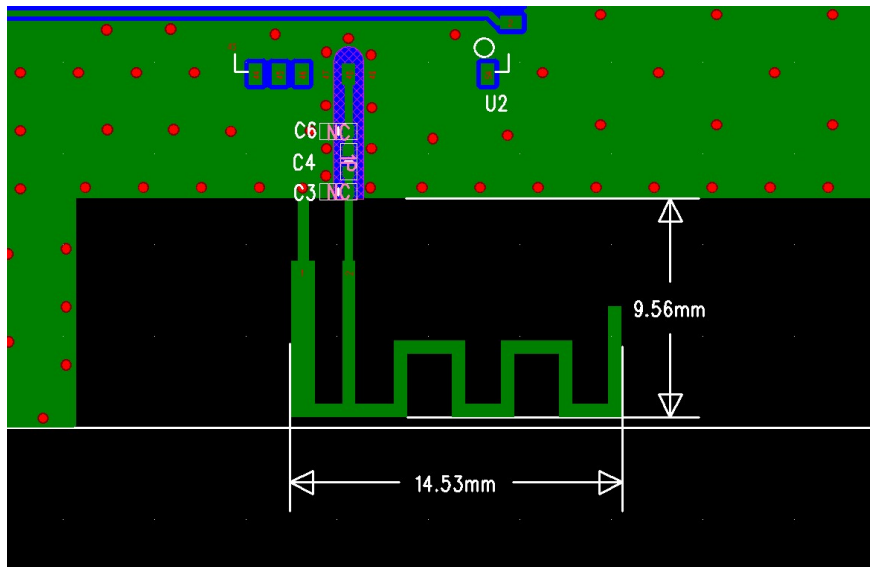


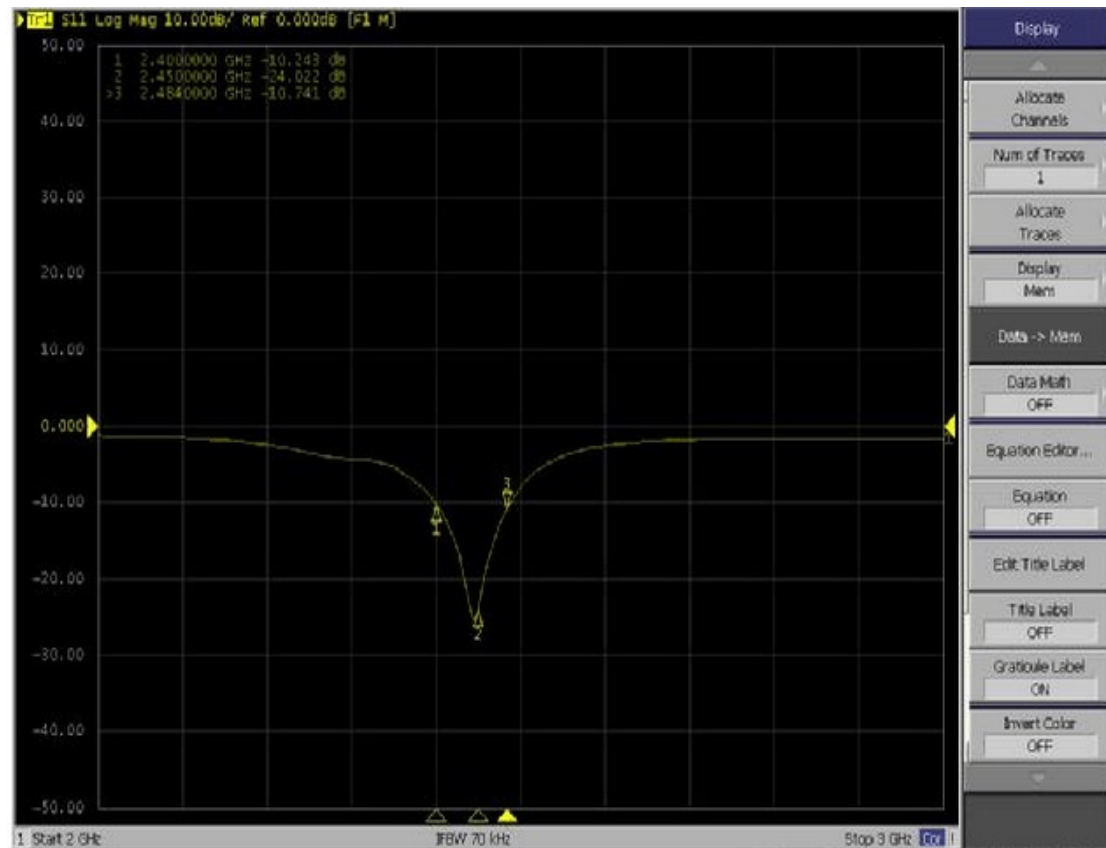
1.Electrical Characteristics

Item	Specification
Model	blafili R1
Manufacturer	Shenzhen Tai Yilinan Science & Technology Co.,Ltd
Add.	No.5, Jiayi Industrial Park, Guihua Community Guanlan Subdistrict, Longhua District, Shenzhen
Type	PCB Meander Line Antenna
Central frequency	2.441 GHz
Bandwidth	78 MHz (Typical value)
Azimuth Bandwith	0dBi
Gain	Linear
VSWR	2 max.
Polarization	Omni-directional
Impedance	50Ω
Rated Power (max.)	4dBm
Maximum Input Power	10dBm
Operation Temperature	-40 C ~ +85 C

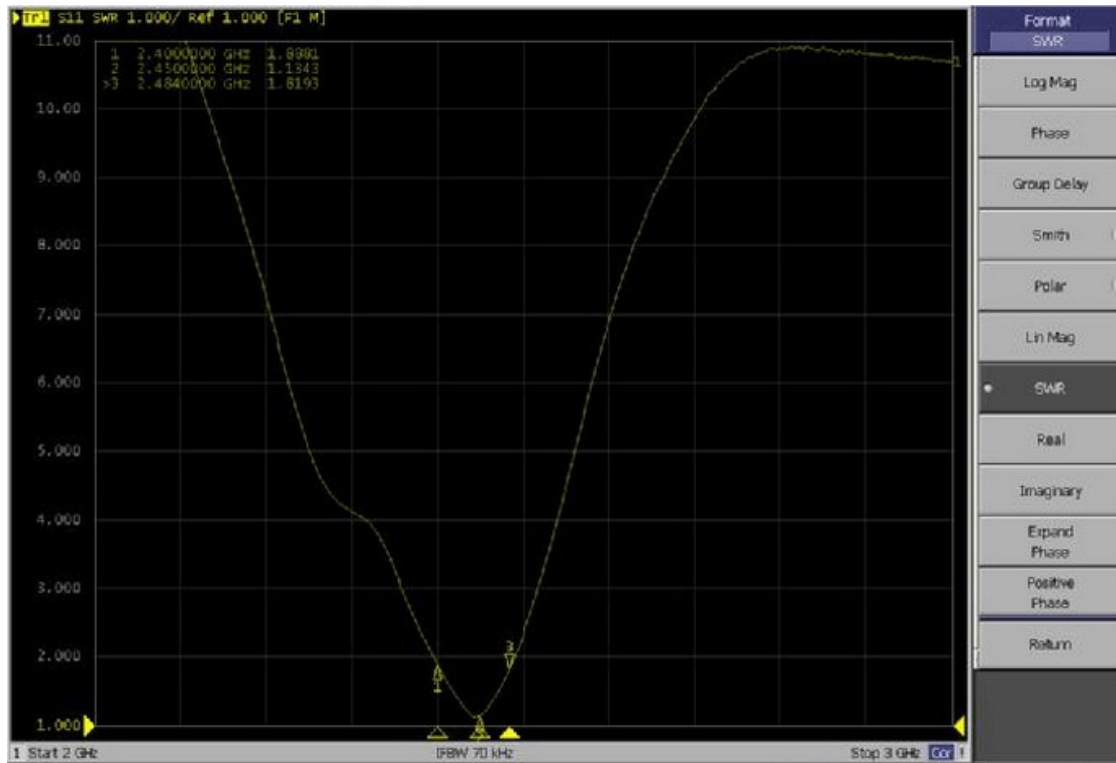
2.The suggestion of matching circuit



3. The Measurement of S-Parameter and VSWR



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%

