

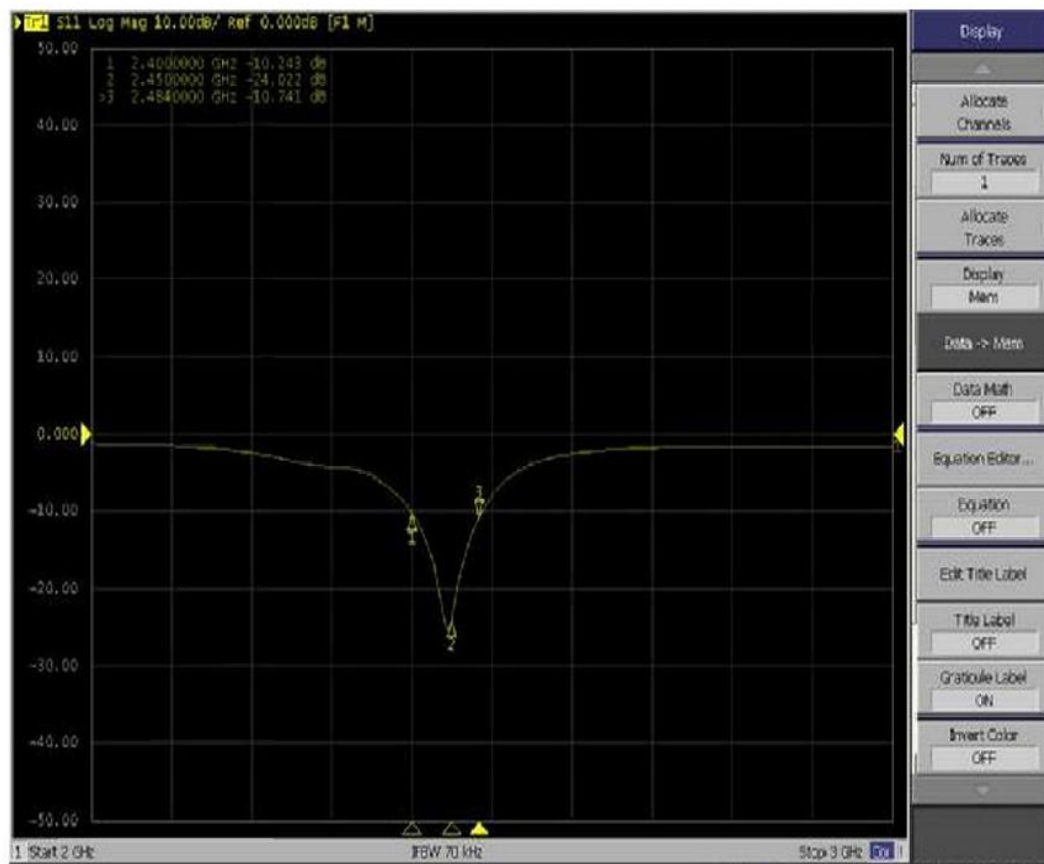
1.Electrical Characteristics

Item	Specification
Manufacturer	Guangzhou Youfang Technology Co., Ltd.
Central frequency	2.441 GHz
Bandwidth	78 MHz (Typical value)
Gain	1dBi
Polarization	Linear
VSWR	2 max.
Azimuth Bandwidth	Omni-directional
Impedance	50 Ω
Rated Power (max.)	4dBm
Maximum Input Power	10dBm
Operation Temperature	-40 C ~ +85 C
Adress	Room 402, Building J, No. 2, Jiefei Street, Yushu Industrial Park, Science City, Huangpu District, Guangzhou City
Antenna type	Wire Monopole Antenna

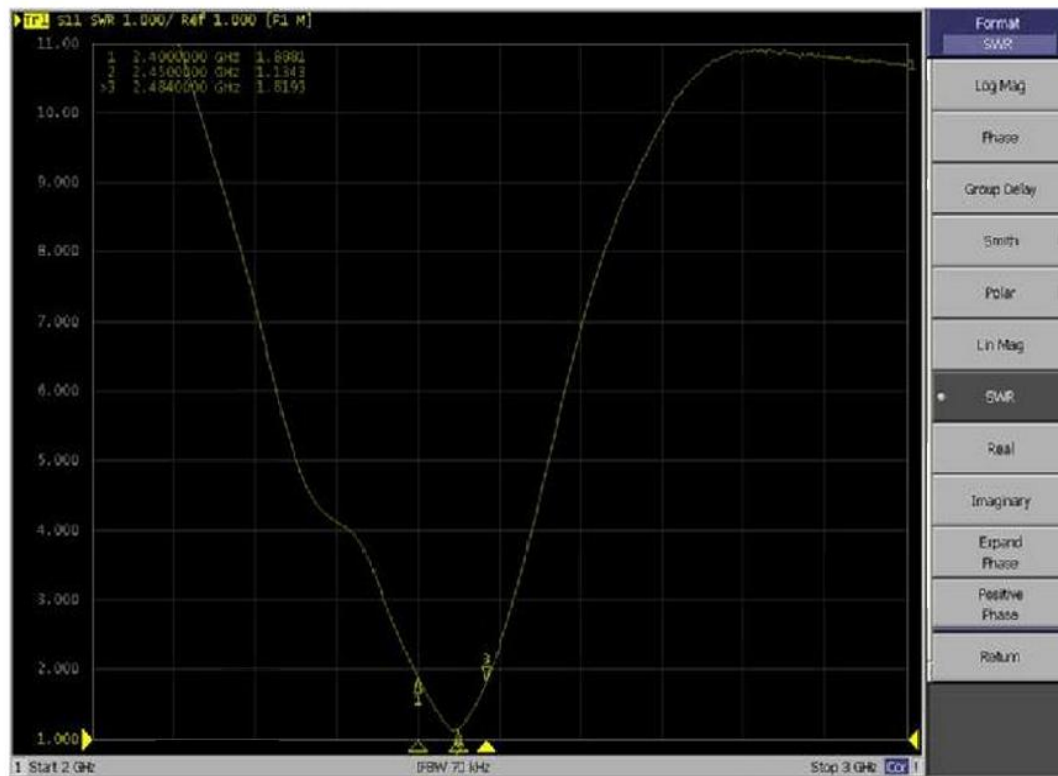
2.The suggestion of matching circuit



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%

