

Antenna Specification

433MHz External antenna

FCC ID: 2A5C9-CAR21

Model: CAR21

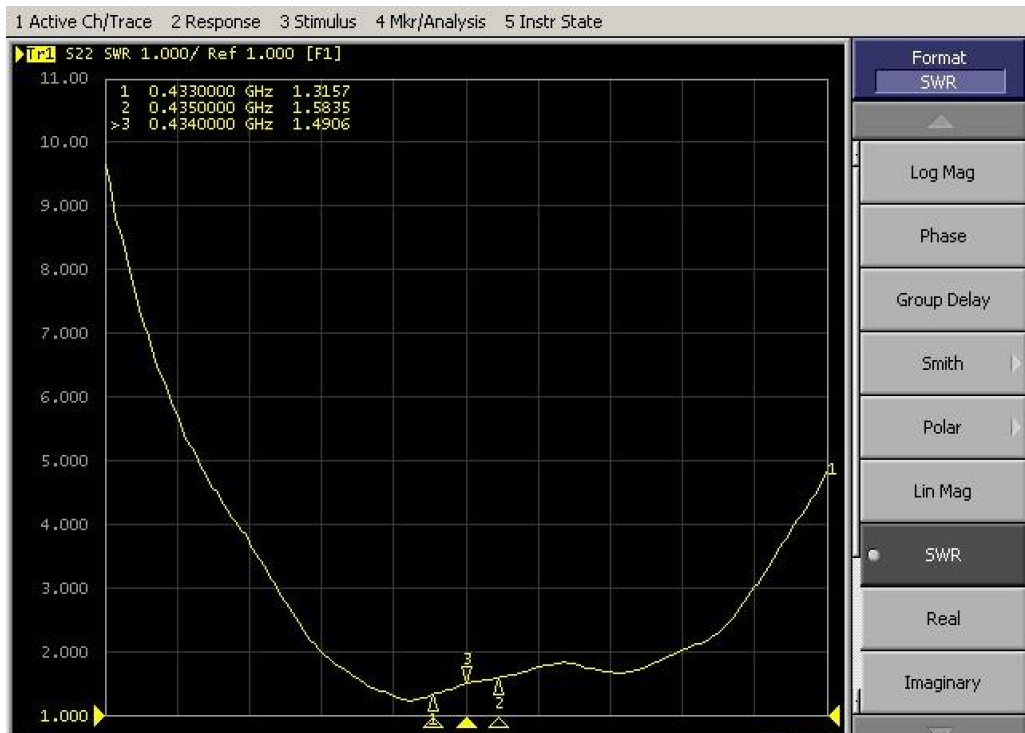
Specification parameters

Electrical parameter	
Center frequency	433.92 MHz
Antenna Type	External spring antenna
Antenna gain	0 dBi
Standing wave ratio	<1.6
Direction of polarization	Vertical polarization
Radiation direction	Omnidirectional
Input impedance	50 Ω
Maximum power	1 W
Other parameters	
Antenna length	100mm
Spiral diameter	4.5mm
Line diameter	0.6mm
Antenna material	Nickel plating of stainless steel
Interface specification	Screw locking
Operating temperature	-40℃~ +80℃



Antenna characteristics

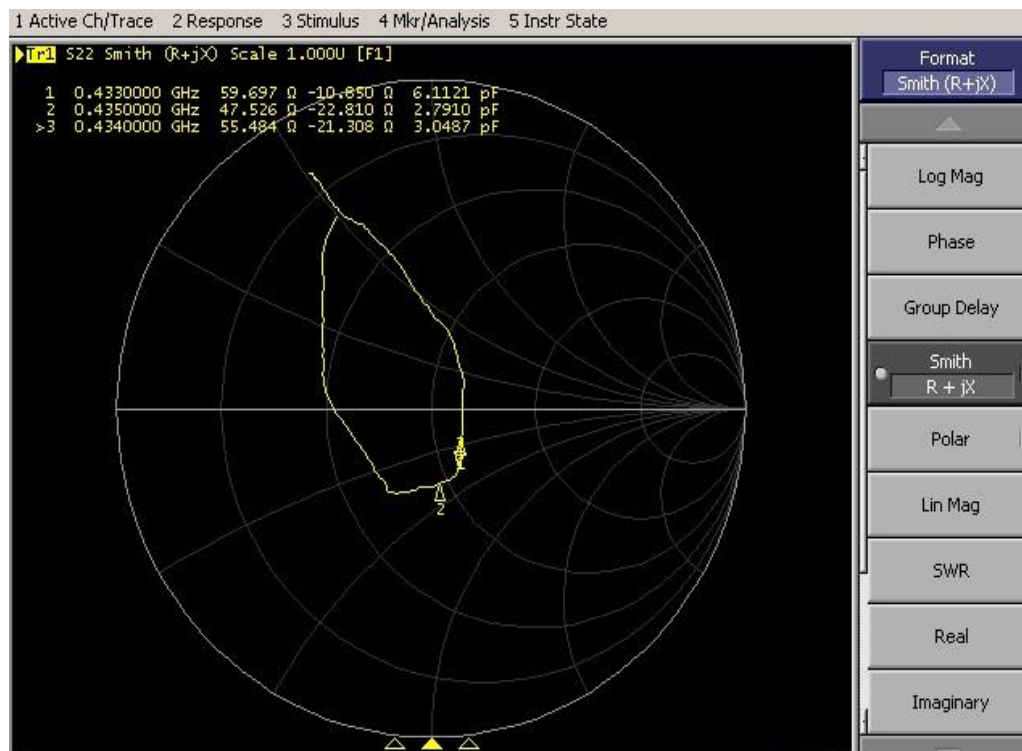
VSWR



Return Loss



Smith Chart



433M pattern

