

**Optimization**

Opt1

**Equation**

Eqn3

$$Cf1=A*(real(S[2,2])-real(S[1,1]))^2$$

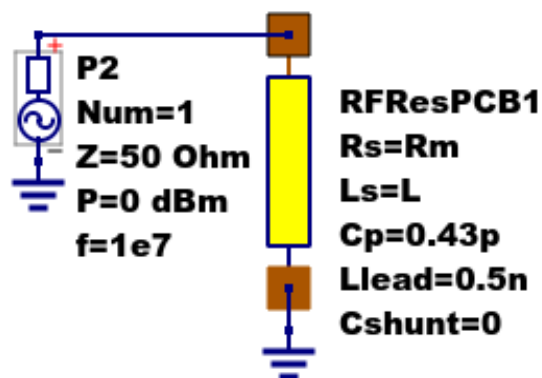
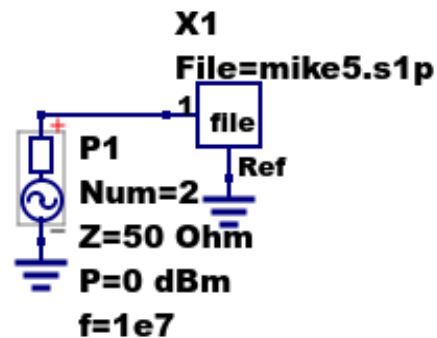
$$Cf2=B*(imag(S[2,2])-imag(S[1,1]))^2$$

**S parameter simulation**

SP1

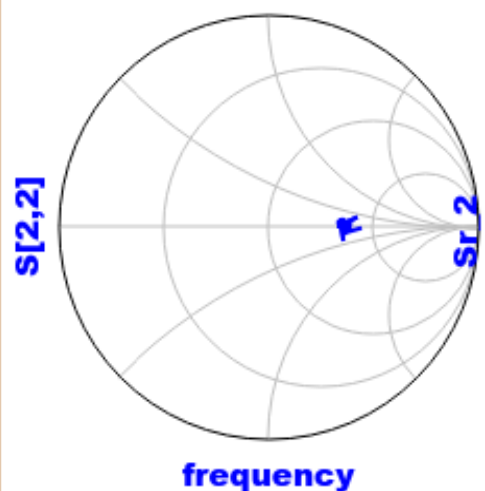
Type=log  
Start=1e6  
Stop=1.3e9  
Points=1501

Simulation Controls

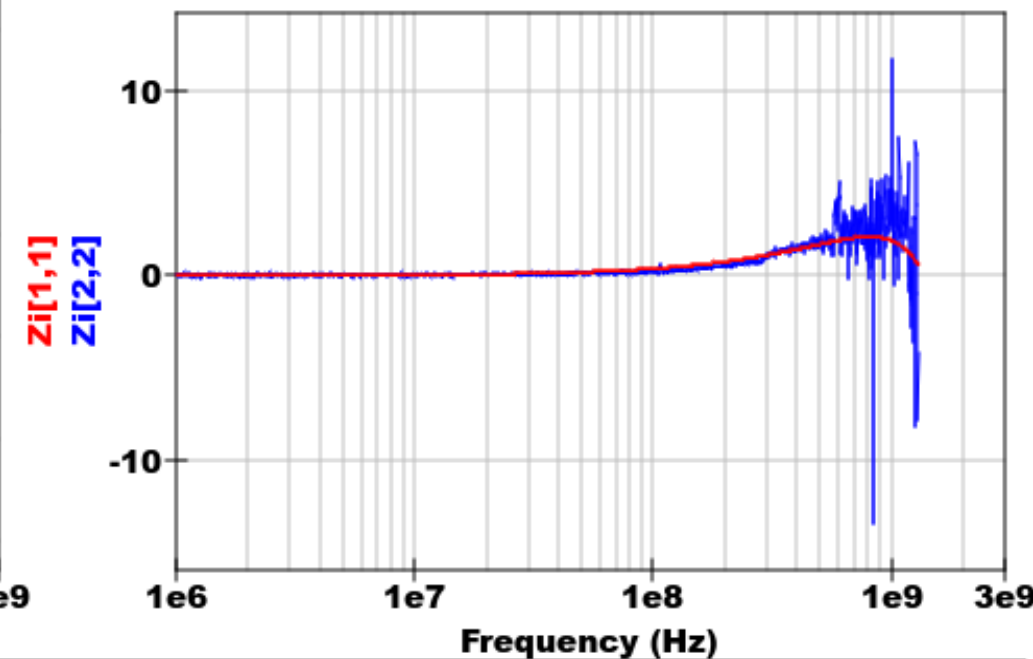
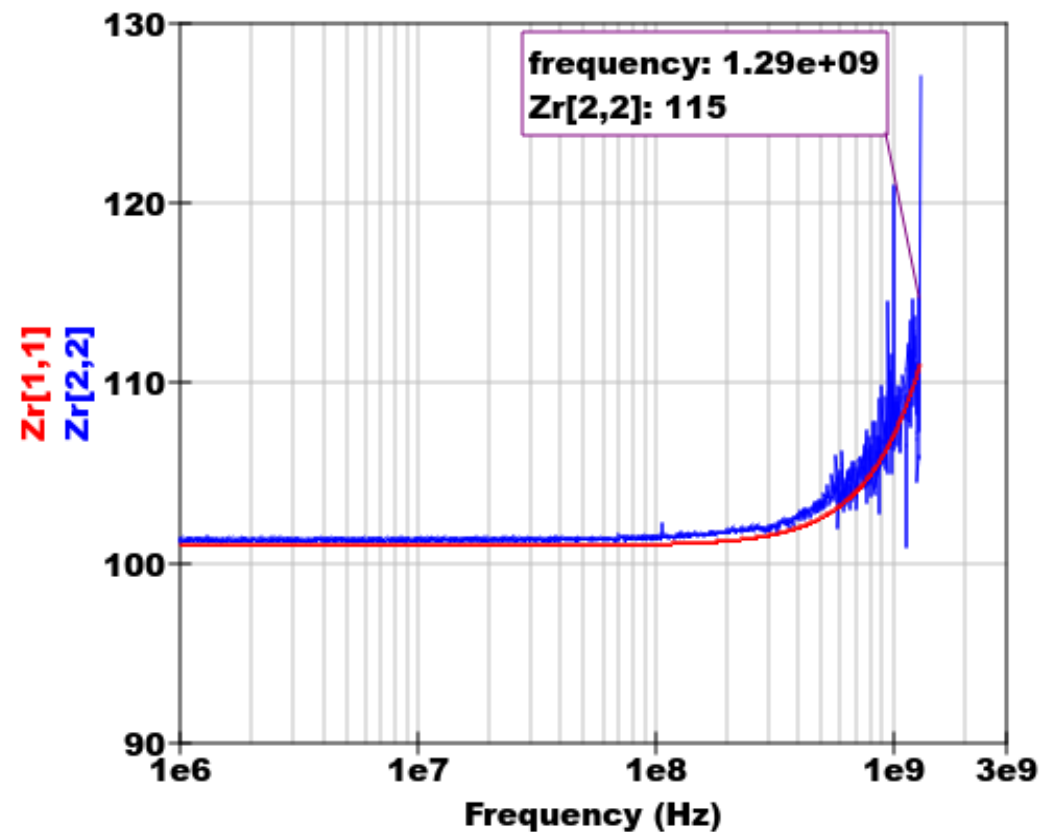
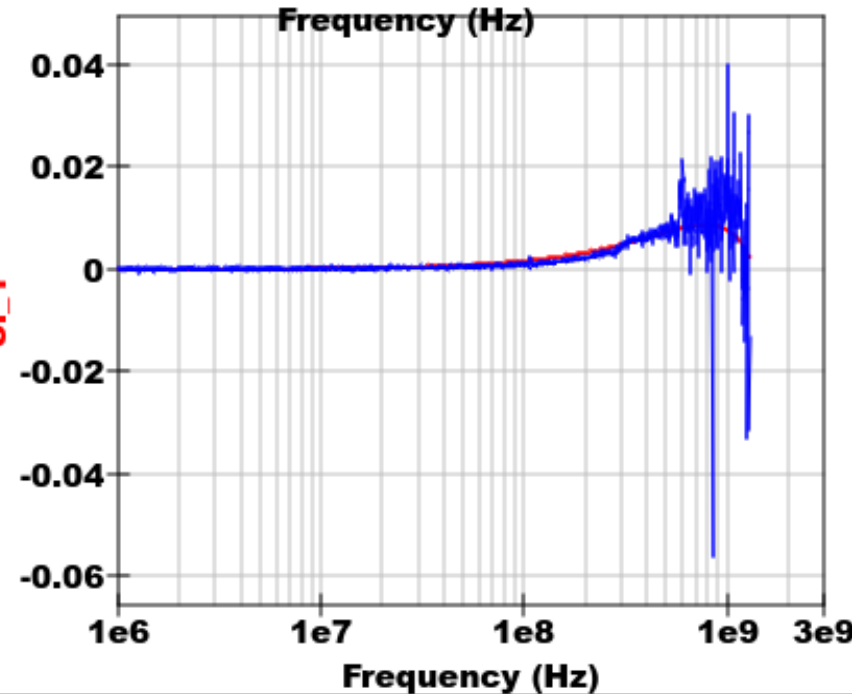
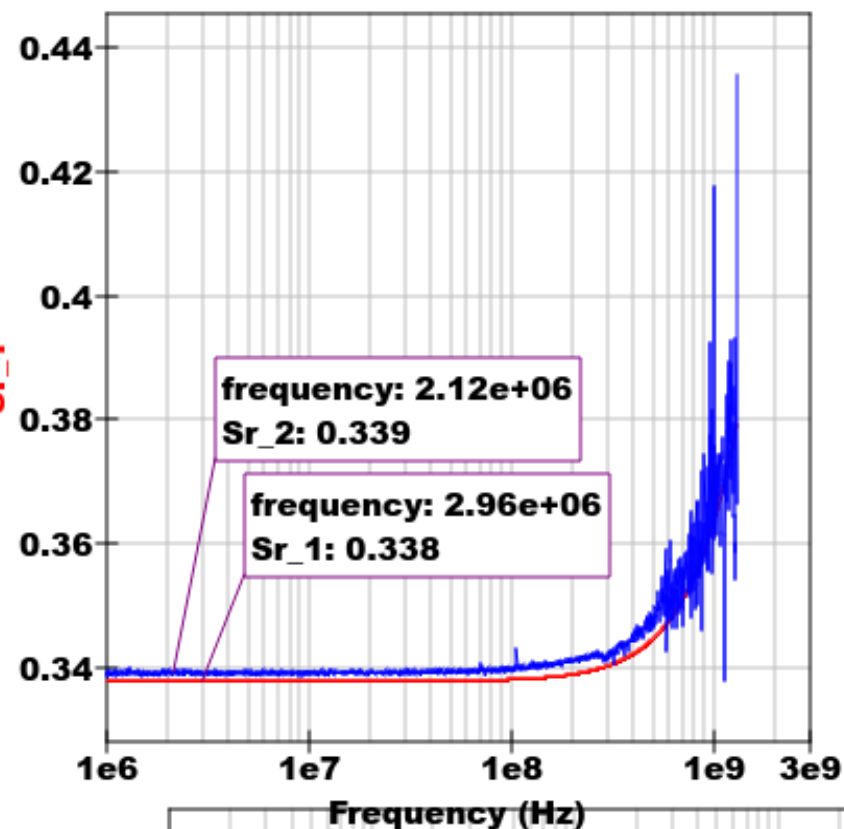
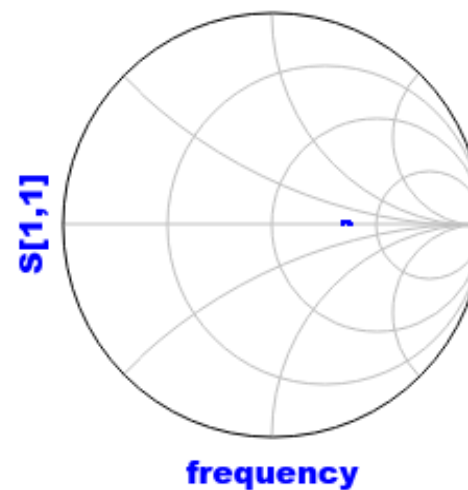


Test circuits

**Measurements**



**Simulation**



**Equation**

Eqn1

$$Zr=real(stoz(S))$$

$$Zi=imag(stoz(S))$$

Equations

**Equation**

Eqn4

$$A=1000$$

$$Rm=101.0$$

$$B=100$$

**Equation**

Eqn5

$$Sr\_1=real(S[1,1])$$

$$Si\_1=imag(S[1,1])$$

$$Sr\_2=real(S[2,2])$$

$$Si\_2=imag(S[2,2])$$

Optimized values of model parameters are listed by displaying Optimization icon menu "Variables"