

Optimization

Opt1

Equation

Eqn3

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

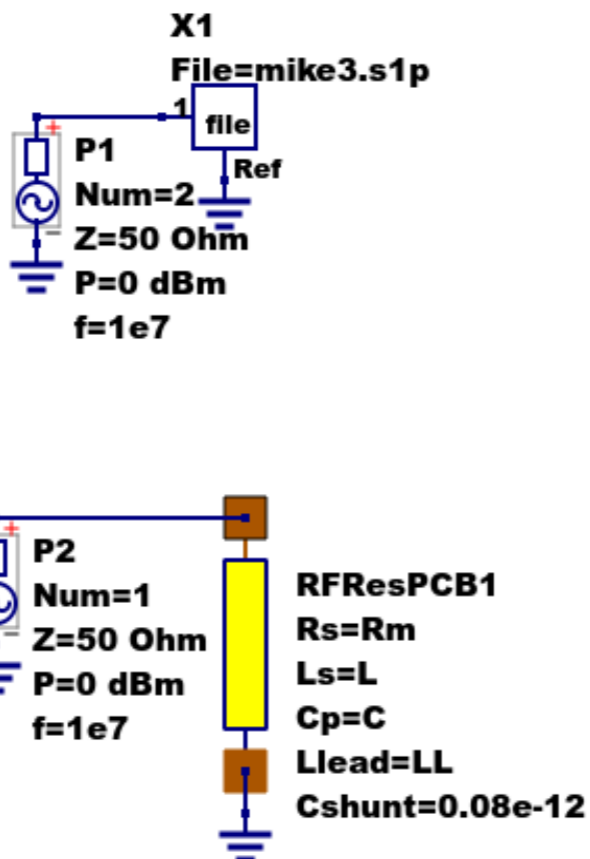
$$Cf2=B*(\text{imag}(S[2,2])-\text{imag}(S[1,1]))^2$$

S parameter simulation

SP1

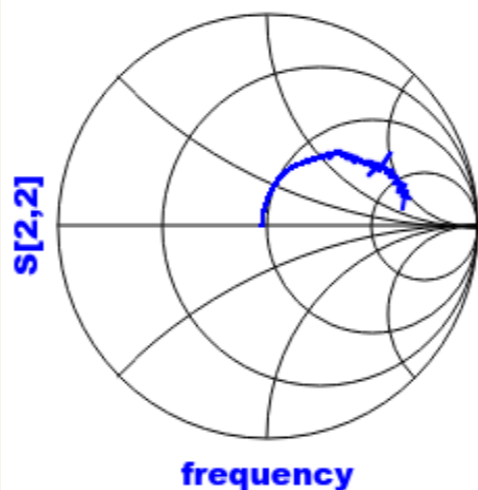
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Start=1e6
Stop=1.3e9
Points=1501

Simulation Controls

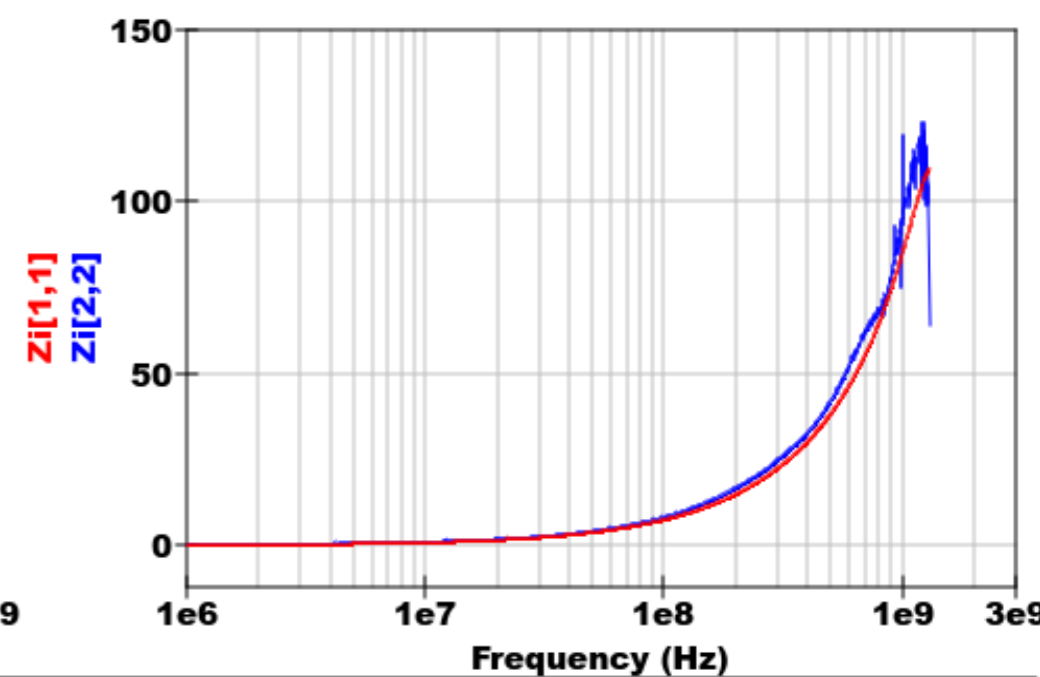
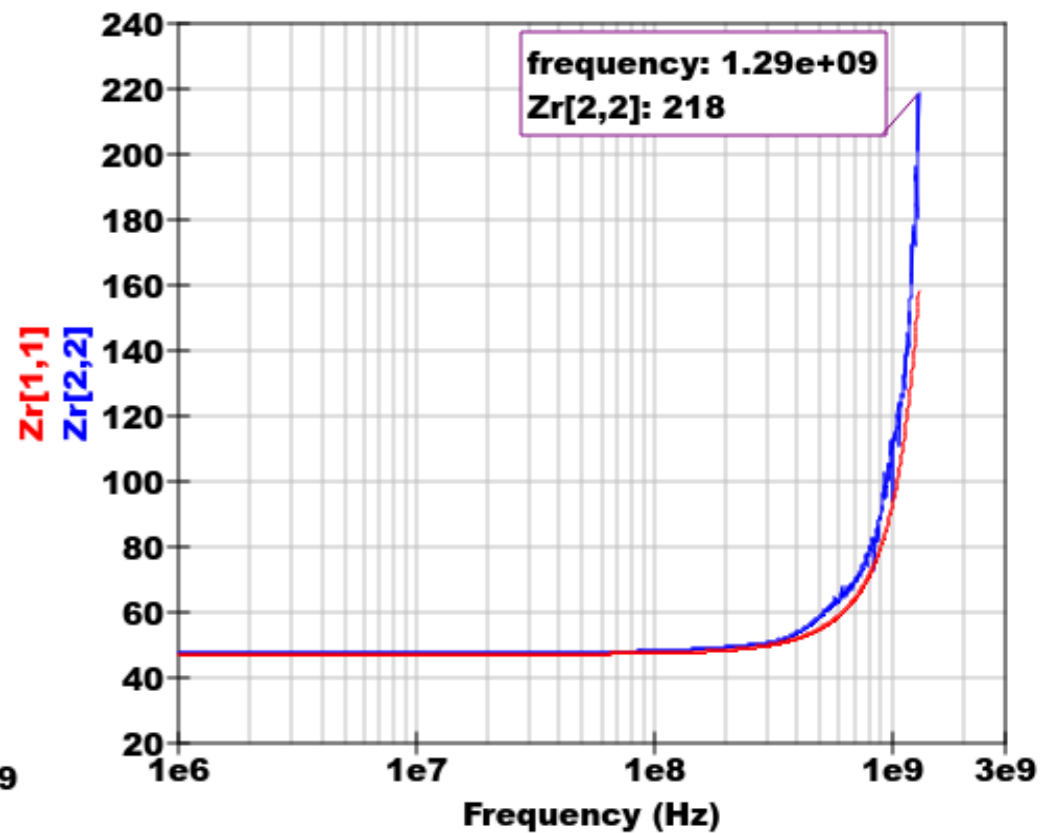
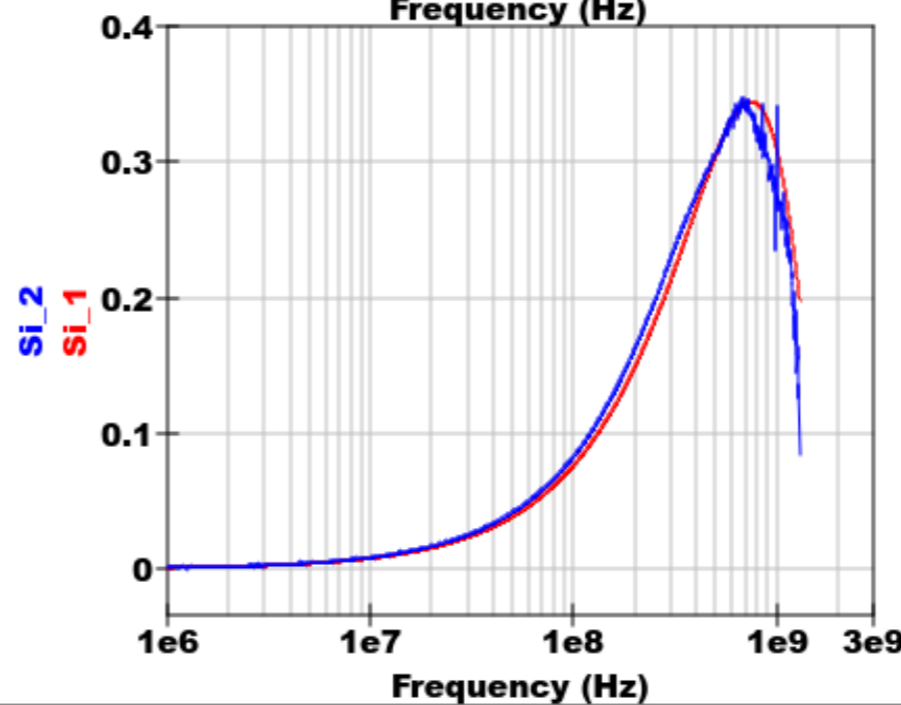
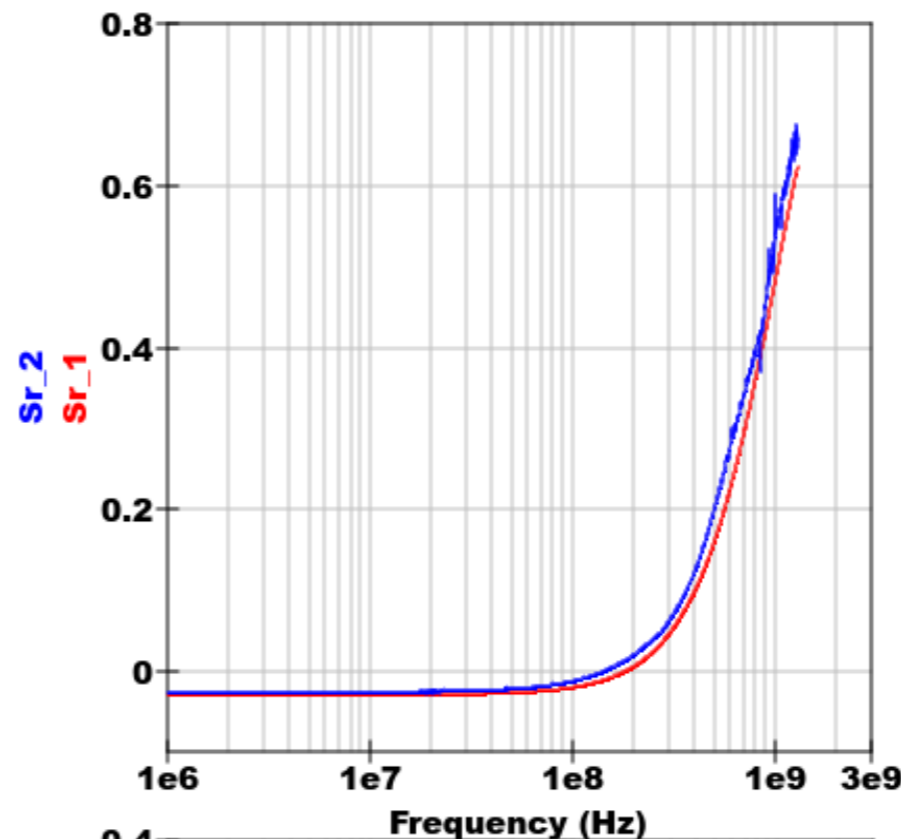
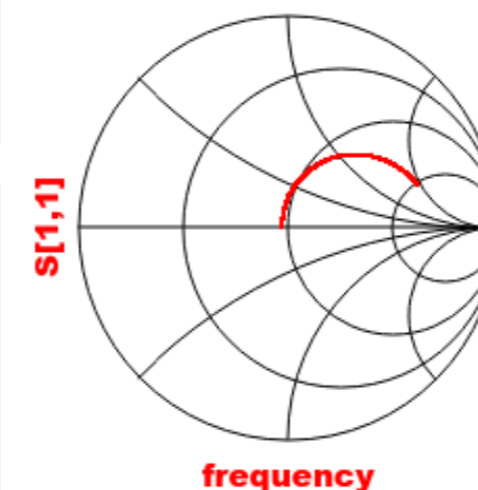


Test circuits

Measurements



Simulation



Equation

Eqn1

$$Zr=\text{real}(\text{stoz}(S))$$

$$Zi=\text{imag}(\text{stoz}(S))$$

Equations

Equation

Eqn4

$$A=1$$

$$Rm=47.3$$

$$B=1$$

Equation

Eqn5

$$Sr_1=\text{real}(S[1,1])$$

$$Si_1=\text{imag}(S[1,1])$$

$$Sr_2=\text{real}(S[2,2])$$

$$Si_2=\text{imag}(S[2,2])$$

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