



ac simulation

AC1
 Type=log
 Start=100kHz
 Stop=20MHz
 Points=200

Equation

Eqn1
 $a1 = (P1.v + Z0 * V1.i) / (2 * \text{sqrt}(Z0))$
 $S11 = b1 / a1$
 $S21 = b2 / a1$
 $Z0 = R1.R$
 $b1 = (P1.v - Z0 * V1.i) / (2 * \text{sqrt}(Z0))$
 $b2 = (P2.v - Z0 * V2.i) / (2 * \text{sqrt}(Z0))$

Equation

Eqn2
 $\text{dBS}11 = \text{dB}(S11)$
 $\text{dBS}21 = \text{dB}(S21)$

