



$$\text{Eqn } G1_dB = 20 * \log(\text{mag}(S(2,1)))$$

$$\text{Eqn } VCEQ = DC.P2 - DC.Ve \quad \text{Eqn } Pout_db = 6.5 + G1_dB$$

$$\text{Eqn } ICQ = DC.I_c.i$$

freq	S(1,1)	S(2,2)	S(2,1)	G1_dB
100.0 MHz	-1.723E-4 - j0.413	7.376E-8 - j0.407	3.989 / 146.699	12.018

freq	PortZ(1)	PortZ(2)	Zin	Zout
100.0 MHz	59.898 + j0.000	155.794 + j0.000	42.440 - j42.243	111.548 - j108.760

freq	PortZ(1)	PortZ(2)	Zin	Zout
100.0 MHz	59.898 / 0.000	155.794 / 0.000	59.880 / -44.867	155.794 / -44.275

freq	ICQ	VCEQ
0.0000 Hz	144.9 mA	9.036

freq	Pout_db
100.0 MHz	18.518