

SP₁

Step=10 MHz

Span=6 GHz

Center=central freq

TermG

TermG1

Num=1

TermG

TermG4

Num=4

Z=50 Ohm

Z=50 Ohm

S-PARAMETERS

Var Eqn

VAR freq_parameters central_freq=7 GHz

CLIN

E=90

Ze=Z even

Zo=Z odd

F=central freq

TL1

VAR schematic parameters k dB=-15

Z0=50 Ohm

 $Z_{odd}=Z0 * sqrt((1 - k) / (1 + k))$ $Z_even=Z0 * sqrt((1 + k) / (1 - k))$

TermG

TermG2

Num=2

TermG

TermG3

Num=3

Z=50 Ohm

Z=50 Ohm

 $k=10^{(k_dB/20)}$

Var Eqn