



Amplifier2

AMP1

$S_{21} = \text{dbpolar}(15, 0)$

$S_{11} = \text{dbpolar}(-50, 0)$

$S_{22} = \text{dbpolar}(-50, 0)$

GainCompPower=5 _dBm



ENVELOPE

Envelope

Env1

$\text{Freq}[1] = \text{RF}$

$\text{Order}[1] = 5$

$\text{Stop} = \text{pulse_period} / 2$

$\text{Step} = \text{time_step}$

Var
Eqn

VAR

VAR1

$\text{pulse_rise} = 6 \text{ ns}$

$\text{pulse_fall} = 2 * \text{pulse_rise}$

$\text{pulse_width} = 51 \text{ ns}$

$\text{pulse_period} = 3 * \text{pulse_width}$

$\text{time_step} = 2 * \text{pulse_rise}$

$\text{RF} = 970 \text{ MHz}$

PtRF_Pulse

PORT1

Num=1

$Z = 50 \text{ Ohm}$

$P = \text{dbmtow}(10)$

$\text{Freq} = \text{RF}$

OffRatio=0

$\text{Delay} = 1 \text{ nsec}$

$\text{Rise} = \text{pulse_rise}$

$\text{Fall} = \text{pulse_fall}$

$\text{Width} = \text{pulse_width}$

$\text{Period} = \text{pulse_period}$