ENVELOPE

Envelope
Env1
Freq[1]=RF_Freq
Order[1]=4
Stop=TStop
Step=TStep

VAR
VAR1
RF_Freq=2.44 GHz
Bits=1000
Sample_Rate=40 kHz
Samps_per_Sym=20
TStep=1/(Samps_per_Sym*Sample_Rate)
TStop=Bits/Sample_Rate
NoiseVoltage=700

PARAMETER SWEEP

ParamSweep
Sweep1
SweepVar="NoiseVoltage"
Start=600
Stop=1400
Step=50

R
R2
R=50 Ohm

V_Noise
SRC2
V_Noise=NoiseVoltage pV

R
R3
R=50 Ohm

PwrSplit2
PWR1
S21=0.707
S31=0.707

NoisePower

R
R4
R=50 Ohm