



### LEVEL1\_Model

#### MOSFETM1

NMOS=yes Cgbo=  
PMOS=no Rsh=  
Vto=0.4 Cj=  
Kp=260e-6 Mj=  
Gamma= Cjsw=  
Phi= Mjsw=  
Lambda=0.01 Js=  
Rd= Tox=0.004 um  
Rs= Nsub=  
Cbd= Nss=  
Cbs= Tpg=  
Is= Ld=  
Pb= Uo=  
Cgso=0.1e-12 Nlev=  
Cgdo=0.1e-12 Gdsnoi=1

Var  
Eqn  
VAR  
VAR1  
vin=0.1

### HARMONIC BALANCE

#### HarmonicBalance

HB1  
Freq[1]=2.1 GHz  
Freq[2]=2.101 GHz  
Freq[3]=2.0 GHz  
Order[1]=4  
Order[2]=4  
Order[3]=9

### PARAMETER SWEEP

#### ParamSweep

Sweep1  
SweepVar="vin"  
SimInstanceName[1]="HB1"  
SimInstanceName[2]=  
SimInstanceName[3]=  
SimInstanceName[4]=  
SimInstanceName[5]=  
SimInstanceName[6]=  
Start=0.001  
Stop=0.1  
Step=0.01

