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Options ResourceUsage=yes UseNutmegFormat=no EnableOptim=no
TopDesignName="C:\Users\          055_prj\networks
\simble_secter_parameter_GAIN_STABILITY_TEST_CIRCUIT_v3"
C:C5 _net240 _net250 C=10 pF
L:L8 _net251 _net238 L=6 nH Noise=yes
L:L7 _net235 0 L=0.5 nH Noise=yes
C:C4 _net251 _net253 C=10 pF
V_Source:SRC6 _net241 0 Type="V_DC" Vdc=1.5 V SaveCurrent=1
R:R3 _net255 _net251 R=2 kOhm Noise=yes
"MOSFETM1":MOSFET3 _net240 _net238 _net235 0 Length=0.6 um
Width=330 um Mode=1 Noise=yes
"MOSFETM1":MOSFET7 _net255 _net255 0 0 Length=0.6 um Width=
33 um Mode=1 Noise=yes
Short:DC_Feed1 _net241 _net240 Mode=-1
model MOSFETM1 MOSFET NMOS=1 PMOS=0 Idsmod=8 Version=3.1
Mobmod=1 Capmod=2 Js=0 Lint=1.097132e-7 Ll=0 Lln=1 Lw=0 Lwn=1
Lwl=0 Wint=2.277647e-7 Wl=0 Wln=1 Ww=0 Wwn=1 Wwl=0 Tnom=27
Tox=1.01e-8 Cj=5.067009e-4 Mj=0.7549569e-10 Cjsw=4.437149e-10
Mjsw=0.1 Pb=0.99 Pbsw=0.99 Cjswg=2.2346e-10 Mjswg=0.1 Pbswg=
0.99 Cgso=2.79e-10 Cgdo=2.79e-10 Cgbo=2e-9 Xpart=0.5 Dwg=-
7.483283e-9 Nch=1.7e17 Xj=1.5e-7 U0=433.6065339 Vth0=
0.6701079 Pvth0=8.691731e-3 K1=0.825917 K2=-0.0316751 Pk2=
9.631217e-3 K3=68.279056 K3b=1.252205 W0=1e-5 Nlx=5.28517e-8
Dvt0=6.503089 Dvt1=0.9107896 Dvt2=-0.1427458 Ua=1e-12 Ub=
1.582544e-18 Uc=1.831708e-11 Delta=0.01 Rdsw=1.28604e3
Prdsw=-33.9337286 Prwg=0.0182608 Prwb=-0.0586598 Vsat=
1.174604e5 A0=0.9059229 Keta=3.997018e-3 Lketa=-0.0143698
Wketa=-5.792854e-3 Ags=0.1450882 Pags=0.0968 B0=1.648829e-6
B1=5e-6 Voff=-0.0850186 Nfactor=1.2410485 Cdsc=2.4e-4 Cdsd=0
Cit=0 Eta0=0.1178659 Etab=2.603903e-3 Dsub=0.751089 Drout=
0.0428851 Pclm=0.7319137 Pdiblc1=2.091364e-3 Pdiblc2=
9.723614e-4 Pscbe1=2.541131e10 Pscbe2=5e-10 Pvag=0.1945781
Ute=-1.5 At=3.3e4 Ua1=4.31e-9 Ub1=-7.67e-18 Ucl=-5.6e-11 Kt1
=-0.11 Kt2=0.022 Gdsnoi=1 Em=4.1e7 Xw=0
I_Source:SRC5 _net241 _net255 Type="I_DC" Idc=1000 uA
S_Param:SP1 CalcS=yes CalcGroupDelay=yes GroupDelayAperture=
1e-4 FreqConversion=no FreqConversionPort=1 StatusLevel=2
CalcNoise=yes SortNoise=0 BandwidthForNoise=1.0 Hz
DevOpPtLevel=0 \
SweepVar="freq" SweepPlan="SP1_stim" OutputPlan="SP1_Output"

SweepPlan: SP1_stim Start=1 GHz Stop=10 GHz Lin=91

OutputPlan:SP1_Output \
    Type="Output" \
    UseEquationNestLevel=yes \
    EquationNestLevel=2 \
    EquationName[1]="Z0" \
    UseSavedEquationNestLevel=yes \
    SavedEquationNestLevel=2

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DC:DC1 StatusLevel=2 DevOpPtLevel=0 UseFiniteDiff=no
PrintOpPoint=no Restart=1 \
OutputPlan="DC1_Output"
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```
OutputPlan:DC1_Output \
  Type="Output" \
  UseNodeNestLevel=yes \
  NodeNestLevel=2 \
  UseEquationNestLevel=yes \
  EquationNestLevel=2 \
  UseSavedEquationNestLevel=yes \
  SavedEquationNestLevel=2 \
  UseDeviceCurrentNestLevel=no \
  DeviceCurrentNestLevel=0 \
  DeviceCurrentDeviceType="All" \
  DeviceCurrentSymSyntax=yes \
  UseCurrentNestLevel=yes \
  CurrentNestLevel=999
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Z0=50
Options:Options1 Temp=16.85 Tnom=25 TopologyCheck=yes
ForceS_Params=yes V_RelTol=1e-6 I_RelTol=1e-6
GiveAllWarnings=yes MaxWarnings=10 ForceM_Params=yes
DC_ReadInitialGuess=no DC_WriteFinalSolution=no
TopologyCheckMessages=no GPU=no
aele mu_load=mu(S);mu_source=mu_prime
(S);match_input=sm_gamma1(S);Source_stabcir=s_stab_circle
(S,51);Load_stabcir=l_stab_circle(S,51);
Port:Term1 _net253 0 Num=1 Z=Z0 Noise=yes
Port:Term2 _net250 0 Num=2 Z=Z0 Noise=yes
```