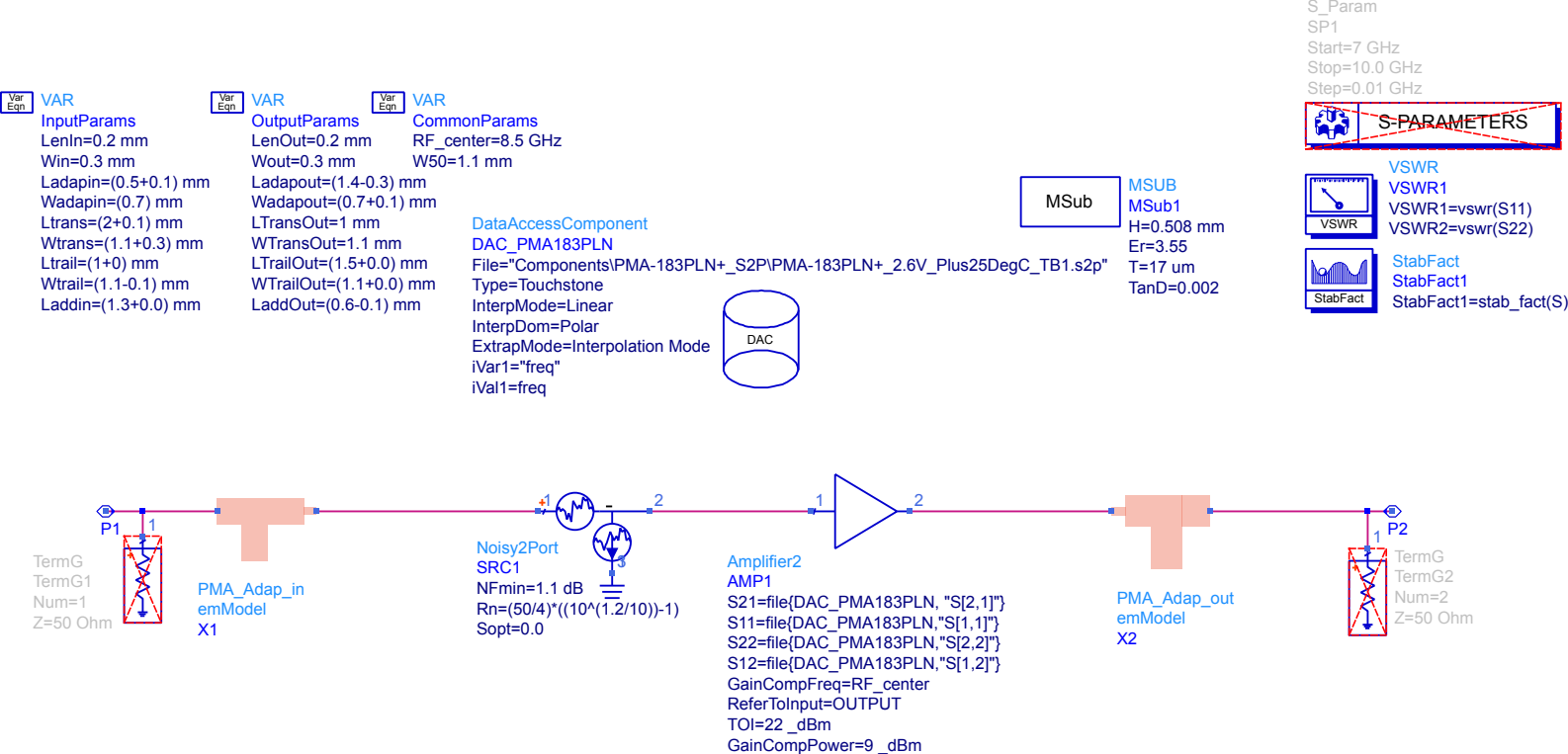
VAR
InputParams
LenIn=0.2 mm
Win=0.3 mm
Ladapin=(0.5+0.1) mm
Wadapin=(0.7) mm
Ltrans=(2+0.1) mm
Wtrans=(1.1+0.3) mm
Ltrail=(1+0) mm
Wtrail=(1.1-0.1) mm
Laddin=(1.3+0.0) mm
VAR
OutputParams
LenOut=0.2 mm
Wout=0.3 mm
Ladapout=(1.4-0.3) mm
Wadapout=(0.7+0.1) mm
LTransOut=1 mm
WTransOut=1.1 mm
LTrailOut=(1.5+0.0) mm
WTrailOut=(1.1+0.0) mm
LaddOut=(0.6-0.1) mm
VAR
CommonParams
RF_center=8.5 GHz
W50=1.1 mm
DataAccessComponent
DAC_PMA183PLN
File="Components\PMA-183PLN+_S2P\PMA-183PLN+_2.6V_Plus25DegC_TB1.s2p"
Type=Touchstone
InterpMode=Linear
InterpDom=Polar
ExtrapMode=Interpolation Mode
iVar1="freq"
iVal1=freq
DAC
MSub
MSUB
MSub1
H=0.508 mm
Er=3.55
T=17 um
TanD=0.002
S_Param
SP1
Start=7 GHz
Stop=10.0 GHz
Step=0.01 GHz
S-PARAMETERS
VSWR
VSWR1
VSWR1=vswr(S11)
VSWR2=vswr(S22)
VSWR
StabFact
StabFact1
StabFact1=stab_fact(S)
StabFact
P1
TermG
TermG1
Num=1
Z=50 Ohm
PMA_Adap_in
emModel
X1
Noisy2Port
SRC1
NFmin=1.1 dB
Rn=(50/4)*((10^(1.2/10))-1)
Sopt=0.0
Amplifier2
AMP1
S21=file{DAC_PMA183PLN, "S[2,1]"}
S11=file{DAC_PMA183PLN,"S[1,1]"}
S22=file{DAC_PMA183PLN,"S[2,2]"}
S12=file{DAC_PMA183PLN,"S[1,2]"}
GainCompFreq=RF_center
ReferToInput=OUTPUT
TOI=22 _dBm
GainCompPower=9 _dBm
PMA_Adap_out
emModel
X2
P2
TermG
TermG2
Num=2
Z=50 Ohm