P_1Tone
PORT1
Num=1
Z=50 Ohm
P=polar(dbmtow(P),0)
Freq=HF

Var Eqn
VAR
VAR1
HF=9.25 GHz
P=0

DA_SSMatch1_diode_matching
DA_SSMatch1
Subst="MSub1"
F=9.25 GHz
Zin=50 Ohm
Zload=(90-j*105) Ohm
Zstub=50 Ohm
Zline=50 Ohm
Delta=0 mm

MSub

MSUB
MSub1
H=0.5 mm
Er=3
T=17 um

hsms8101
X1

hsms8101
X2

R
R1
R=50 Ohm

DA_SSMatch2_diode_matching
DA_SSMatch2
Subst="MSub1"
F=9.25 GHz
Zin=50 Ohm
Zload=(90-j*105) Ohm
Zstub=50 Ohm
Zline=50 Ohm
Delta=0 mm

LSSP

LSSP
HB1
Freq[1]=HF
Order[1]=5
LSSP_FreqAtPort[1]=HF
LSSP_FreqAtPort[2]=HF
SweepVar="P"
Start=-30
Stop=10
Step=1

P_1Tone
PORT2
Num=2
Z=50 Ohm
P=polar(dbmtow(P),0)
Freq=HF