



S-PARAMETERS

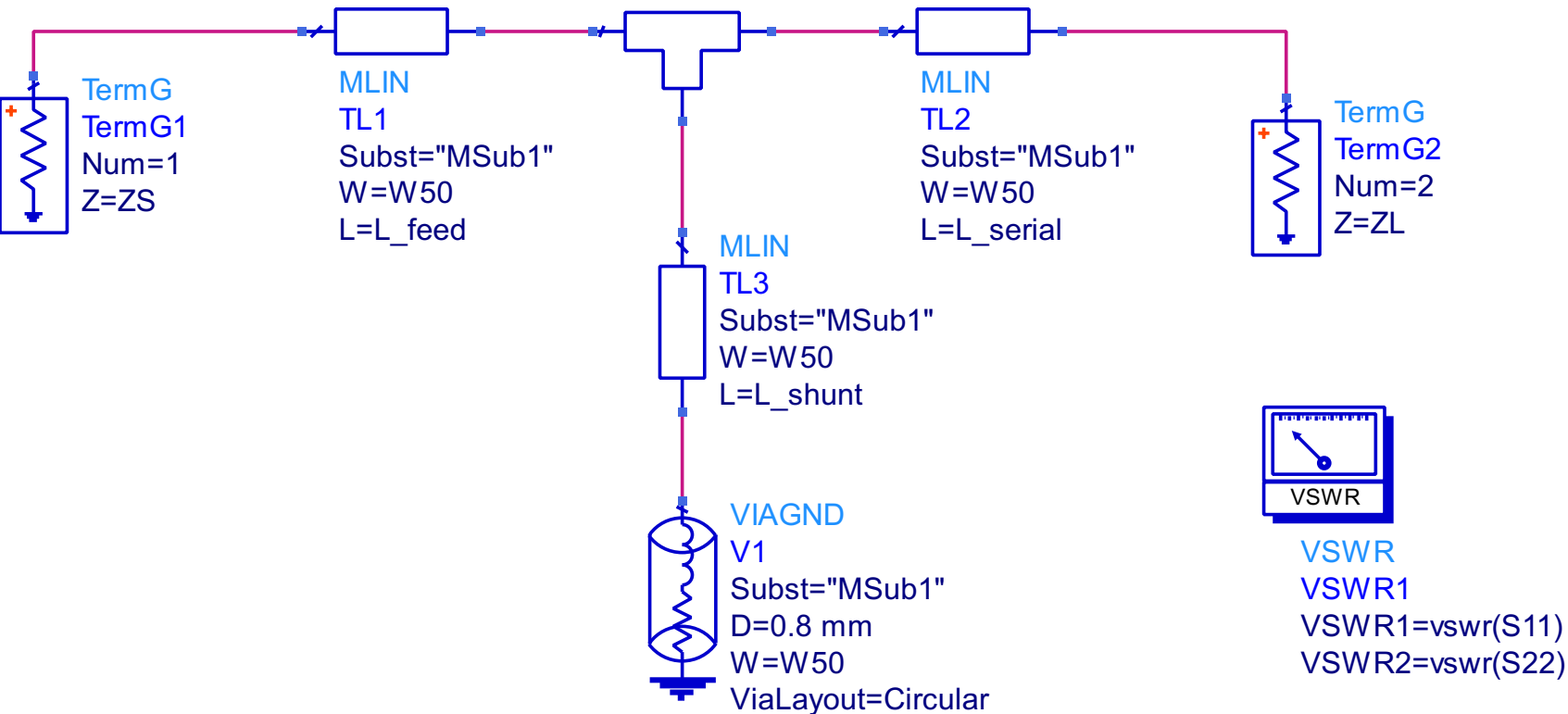
S_Param
SP1
Step=10 MHz
Center=7 GHz
Span=6 GHz

MSub

MSUB
MSub1
H=dielectric_height
Er=Arlon_Er
T=conductor_height
TanD=Arlon_TanD

MTEE_ADS

Tee1
Subst="MSub1"
W1=W50
W2=W50
W3=W50



Var
Eqn

VAR

MLIN_parameters

W50=1.382 mm
L_feed=2.5 mm
L_shunt=5.158 mm {t}
L_serial=9.335 mm {t}

Var
Eqn

VAR

schematic_parameters

F_center=7 GHz
ZS=50 Ohm
ZL=35+j*7 Ohm

Var
Eqn

VAR

substrate_parameters

Arlon_Er=2.55
Arlon_TanD=0.0013
dielectric_height=0.508 mm
conductor_height=35 um