



VSWR

VSWR

VSWR1

VSWR1=vswr(S11)

VSWR2=vswr(S22)



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

Var  
Eqn

VAR

MLIN\_parameters

W50=1.382 mm

L\_feed=2.5 mm

L\_shunt=5.558 mm {t}

L\_serial=9.735 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

match\_MLIN\_EM\_inner

X1

