

S-PARAMETERS

```
S Param
SP1
                            Var
Eqn
                                VAR
Step=10 MHz
                                freq_parameters
Center=central freq
                                central freq=7 GHz
Span=6 GHz
    TermG
                                                      TermG
   TermG1
                                                      TermG2
   Num=1
                                                      Num=2
   Z=50 Ohm
                                                      Z=50 Ohm
    TermG
                                                      TermG
               directional_coupler_EM_inner
   TermG4
                                                      Term G3
               emModel
   Num=4
                                                      Num=3
               X1
   Z=50 Ohm
                                                      Z=50 Ohm
               W50=1.382 mm
               L feed=2.5 mm
               W coupled=1.293 mm
               S coupled=0.23 mm
               L_coupled=6.63 mm
```

miter=0.15