



.define Gamma(In,Src) Mag(2*V(In)-V(Src)) .define VSWR(In,Src) (1+Gamma(In,Src))/(1-Gamma(In,Src)) .define RetLoss(In,Src) - 20*Log(Gamma(In,Src)) .define MismatchLoss(In,Src) - 10*Log(1 - Gamma(In,Src)**2)

Gamma(in1,V1)=981.254m VSWR(in1,V1)=105.692 RetLoss(in1,V1)=164.368m MismatchLoss(in1,V1)=14.302

Gamma(in3,V3)=615.603m VSWR(in3,V3)=4.203 RetLoss(in3,V3)=4.214 MismatchLoss(in3,V3)=2.069 .define S11 2*V(in1)-1 .param Rpars 122m .define S21 2*V(out1) .param L 66n .define S12 2*V(in2) .param Rload 50 .define S22 2*V(out2)-1

.define Power_dbm dbm(PG(V1))

Power_dbm=7.759

PST=4.079E-019 PST is the amount of power stored in the reactive components (in Watts)

PDT is the power dissipated in the circuit (in Watts) PDT=18.363m

.define Power_dbm_nport dbm(PG(V3)) Power_dbm_nport=7.644

Title: CapstonNTLT_Sparam	Desc:	
Designed by:	Doc No:	Revision:
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