



.inc PMEG6030ELP.txt

```
.meas Aavg avg V(a)
.meas Bavg avg V(b)
.meas Are avg (V(a)-Aavg)*cos(360*time*Freq)
.meas Aim avg -(V(a)-Aavg)*sin(360*time*Freq)
.meas Bre avg (V(b)-Bavg)*cos(360*time*Freq)
.meas Bim avg -(V(b)-Bavg)*sin(360*time*Freq)
.meas GainMag param 20*log10(hypot(Are,Aim)/hypot(Bre,Bim))
.meas GainPhi param mod(atan2(Aim,Are)-atan2(Bim,Bre)+180,360)-180
```

```
.param t0=5m
.tran 0 {t0+10/freq} {t0}
```

```
.step oct param freq 10K 50K 5
```