



```
.tran 0 .02 0
```

```
.model Switch1 SW(Ron=1 Roff=1Meg Vt=0.5 Vh=-0.4)
```

```
.step param X list 247 274.5 308.8 352.9 411.7 494.1
```

```
.meas voutmax max v(vout)
```

```
.meas voutavg avg v(vout) FROM 0.015 TO 0.02
```

```
.meas ic_avg avg I(C1) FROM 0.015 TO 0.02
```

```
.meas iRload_avg avg I(RLoad) FROM 0.015 TO 0.02
```

```
.meas iL_avg avg I(L1) FROM 0.015 TO 0.02
```

```
.meas settle find V(Vout) when abs(v(Vout)- voutavg)/voutavg=0.05 fall=last
```

```
.meas rise time TRIG V(Vout)=(V(DCin)+0.1*(voutavg- V(DCin))) TD=0.2u RISE=1 TARG V(Vout)=(V(DCin)+0.9*(voutavg- V(DCin))) TD=0.2u RISE=1
```

```
.meas Pout avg V(Vout)*I(RLoad) FROM 0.015 TO 0.02
```

```
.meas Pin avg V(DCin)*I(DCin) FROM 0.015 TO 0.02
```

```
.meas efficiency avg -V(Vout)*I(Rload)/V(DCin)/I(DCin) FROM 0.015 TO 0.02
```