

ZPE OVERUNITY DEMONSTRATION CIRCUIT

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Time Step = 10 nsec



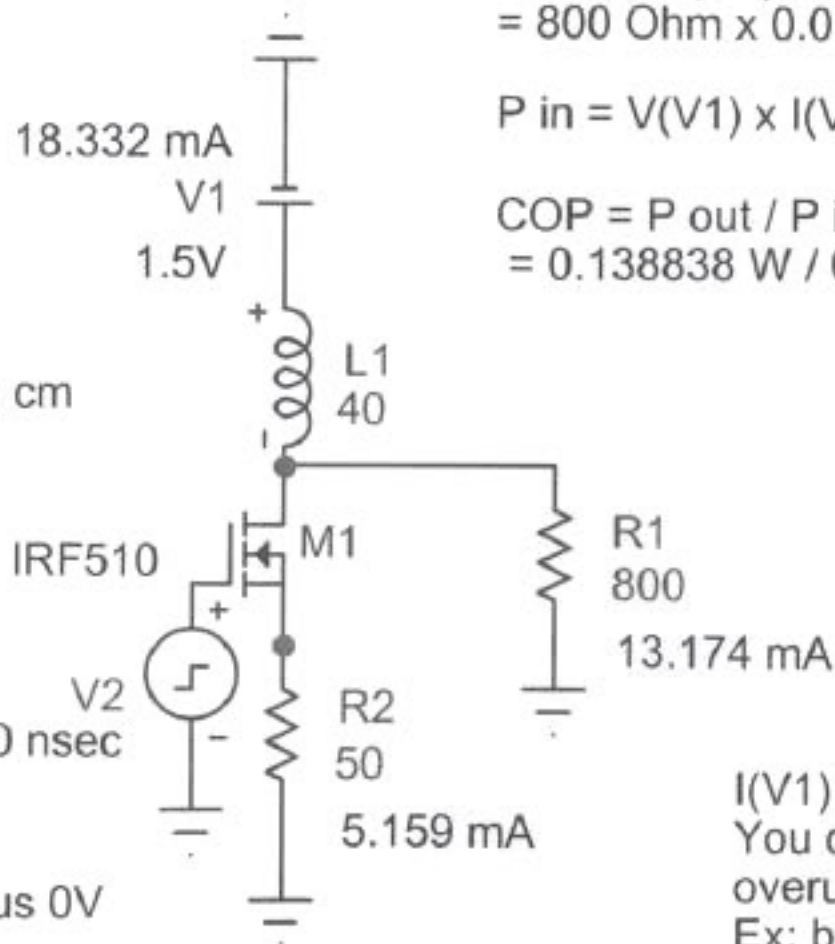
Ferrite toroid

TX20/10/7-3E5

Ferroxcube

Area = 0.336 square cm

Path = 4.36 cm



Rise Time = 10 nsec

square

25us +5V, 25us 0V

20 kHz

$$P_{out} = R(R1) \times I(R1) \times I(R1) =$$

$$= 800 \text{ Ohm} \times 0.013174\text{A} \times 0.013174\text{A} = 0.138838 \text{ W}$$

$$P_{in} = V(V1) \times I(V1) = 1.5\text{V} \times 0.018332\text{A} = 0.027498 \text{ W}$$

$$COP = P_{out} / P_{in} =$$

$$= 0.138838 \text{ W} / 0.027498 \text{ W} = 5.049$$

OVERUNITY = 504.9 %

$$I(V1) = I(R1) + I(R2)$$

You don't need an oscilloscope to prove overunity, only measuring two currents.

Ex: between ground and resistor R2, and between ground and resistor R1.

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K1
TN20_10_7_3E6
COUPLING=1

Vbat
1
L1
40
2

Vbat
V1
1.5V

V2
V1 = 0
V2 = 5
TD = 0
TR = 10n
TF = 10n
PW = 25u
PER = 50u

M1
IRF510

R2
50

R1
800

