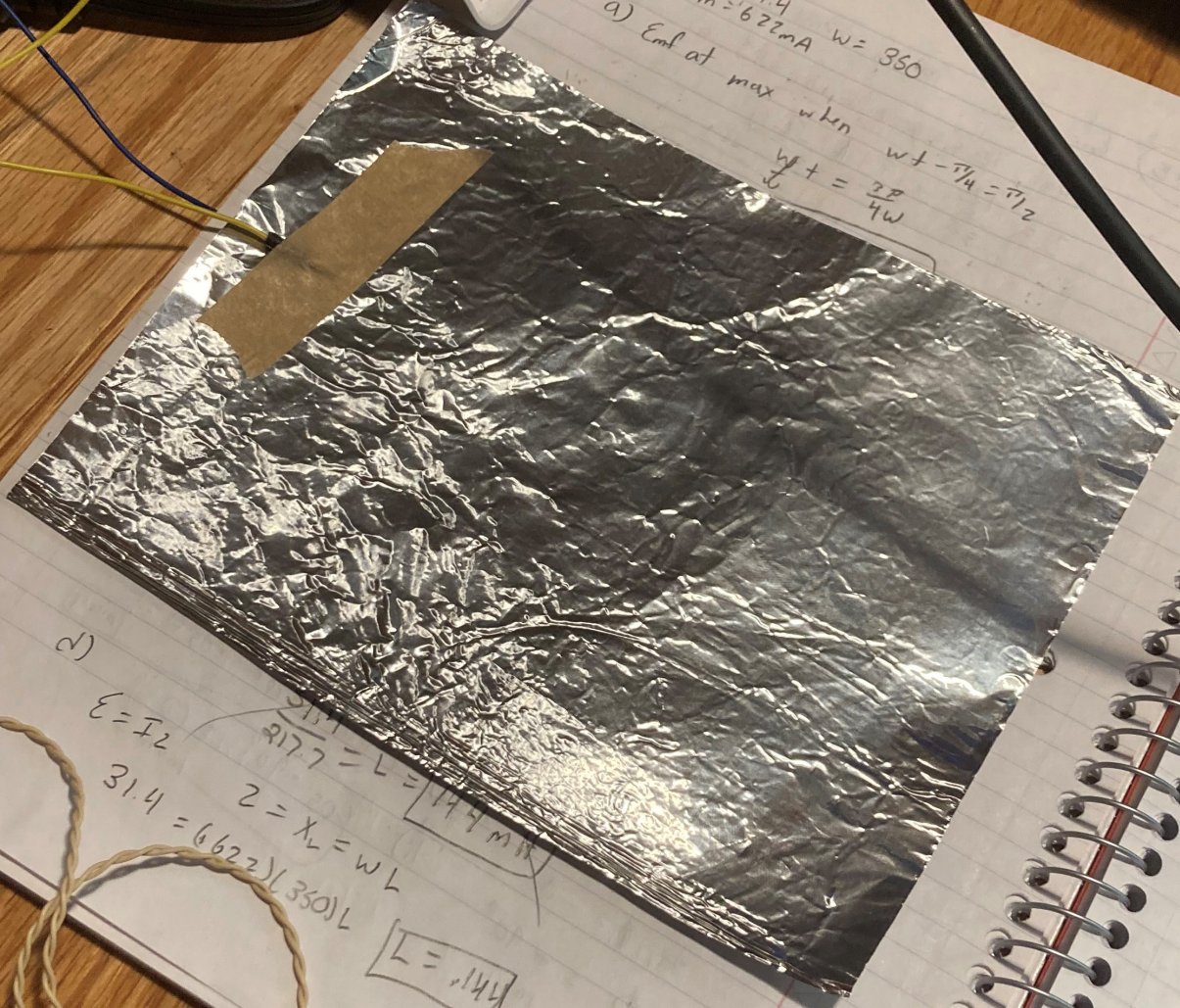


6b)

$$\epsilon_m = 31.4$$
$$i_m = 622 \text{ mA} \quad W = 350$$

a) E_{eff} at max when

$$\omega t = \frac{\pi}{4} = \frac{\pi}{2}$$



2)

$$E = I_2$$

$$31.4 = (622)(350)L$$

$$Z = X_L = \omega L$$

$$L = .144$$

Prob

a)

W =

b)

T