Activity 1

$$\frac{1}{29} = 0.034483 \text{ cm} \text{ us}^{-1}$$

$$= 345 \text{ m}^{-1} \qquad \text{quite clore to theoretical value of } 340 \text{ mr}^{-1}$$

change pantly to com include of w 11. multiply duration by $\frac{340}{2\times104}$

2905

Activity 2

 $f_{Clow} = \frac{1}{2\pi RC} = 4080112$

$$f_{c High} = \frac{1}{2\pi RC} = 106 Hz$$

$$\frac{0-V_{-}}{10K} = \frac{V^{-}-V_{0M1}}{100K} = \frac{1}{V^{-}} = \frac{1001K}{101K} = \frac{1001K}{101K}$$