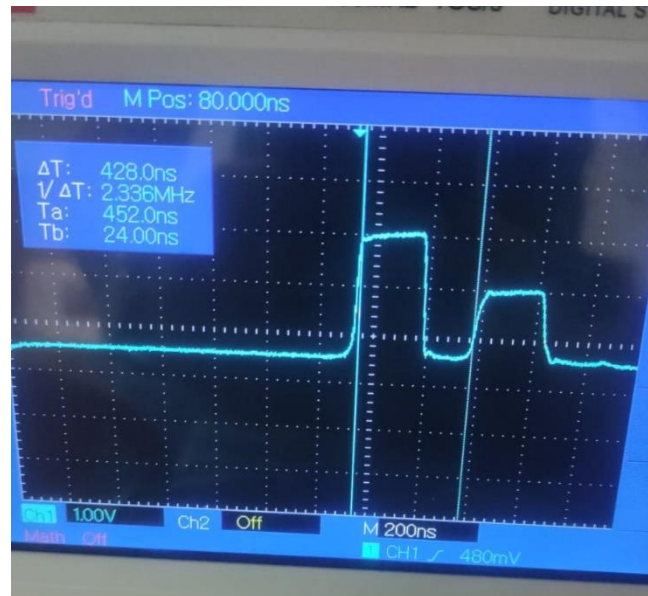


## 5)Resistencias de carga

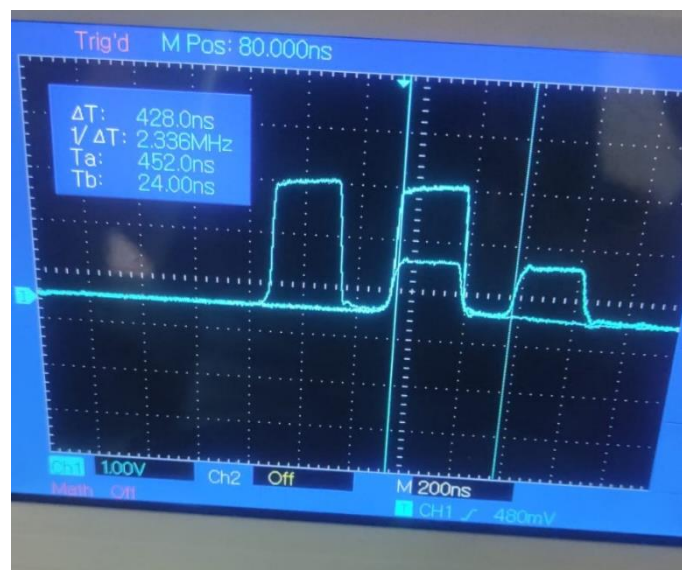
Mayores que  $50\Omega$

$$v^- = \frac{1}{2} v^+ ; R = 247.2\Omega$$



$$\frac{v^-}{v^+} = |r| = \frac{z_l - z_0}{z_l + z_0} = \frac{247.2 - 50}{247.2 + 50} = 0.66$$

$$v^- = \frac{1}{3} v^+ ; R = 129\Omega$$



$$\frac{v^-}{v^+} = |r| = \frac{z_l - z_0}{z_l + z_0} = \frac{129 - 50}{129 + 50} = 0.44$$

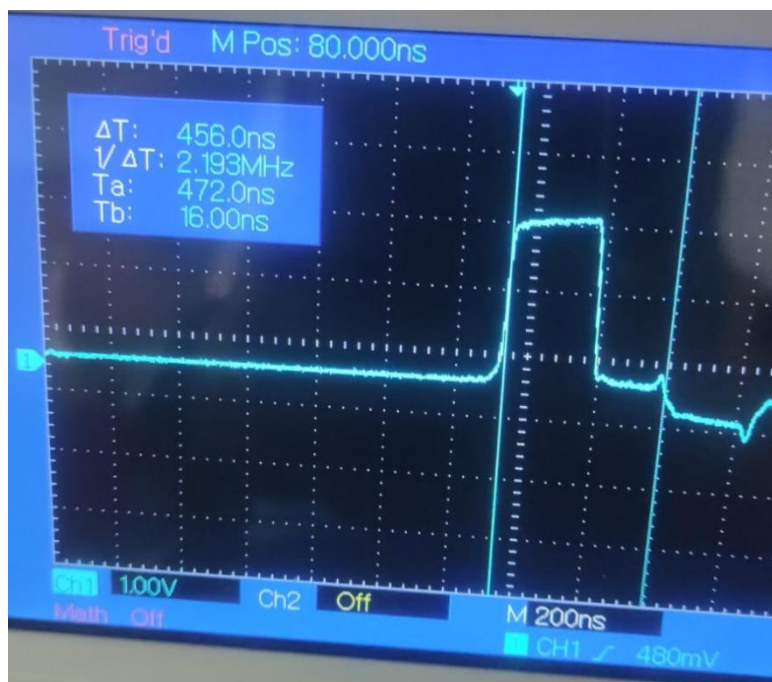
Menores que  $50 \Omega$

$$v^- = \frac{1}{2} v^+ ; R = 21.7 \Omega$$



$$\frac{v^-}{v^+} = |r| = \frac{z_l - z_0}{z_l + z_0} = \frac{21.7 - 50}{21.7 + 50} = -0.39$$

$$v^- = \frac{1}{3} v^+ ; R = 32.2 \Omega$$



$$\frac{v^-}{v^+} = |r| = \frac{z_l - z_0}{z_l + z_0} = \frac{32.2 - 50}{32.2 + 50} = -0.2126$$