



1: Plot Voltage vs. Time of Tx line in RS-232 for sending Z#

Z = 90  
0 1 0 1 1 0 1 0

# = 35  
0 0 1 0 0 0 1 1

Time duration is  $\frac{1}{53,000}$  for 1 bit period

→ 0.000018868 sec

→ 0.018868 ms

→ for sake of simplicity going to round to 0.02 for labeling

