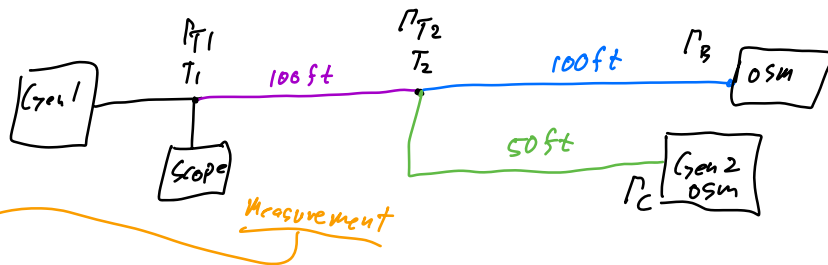


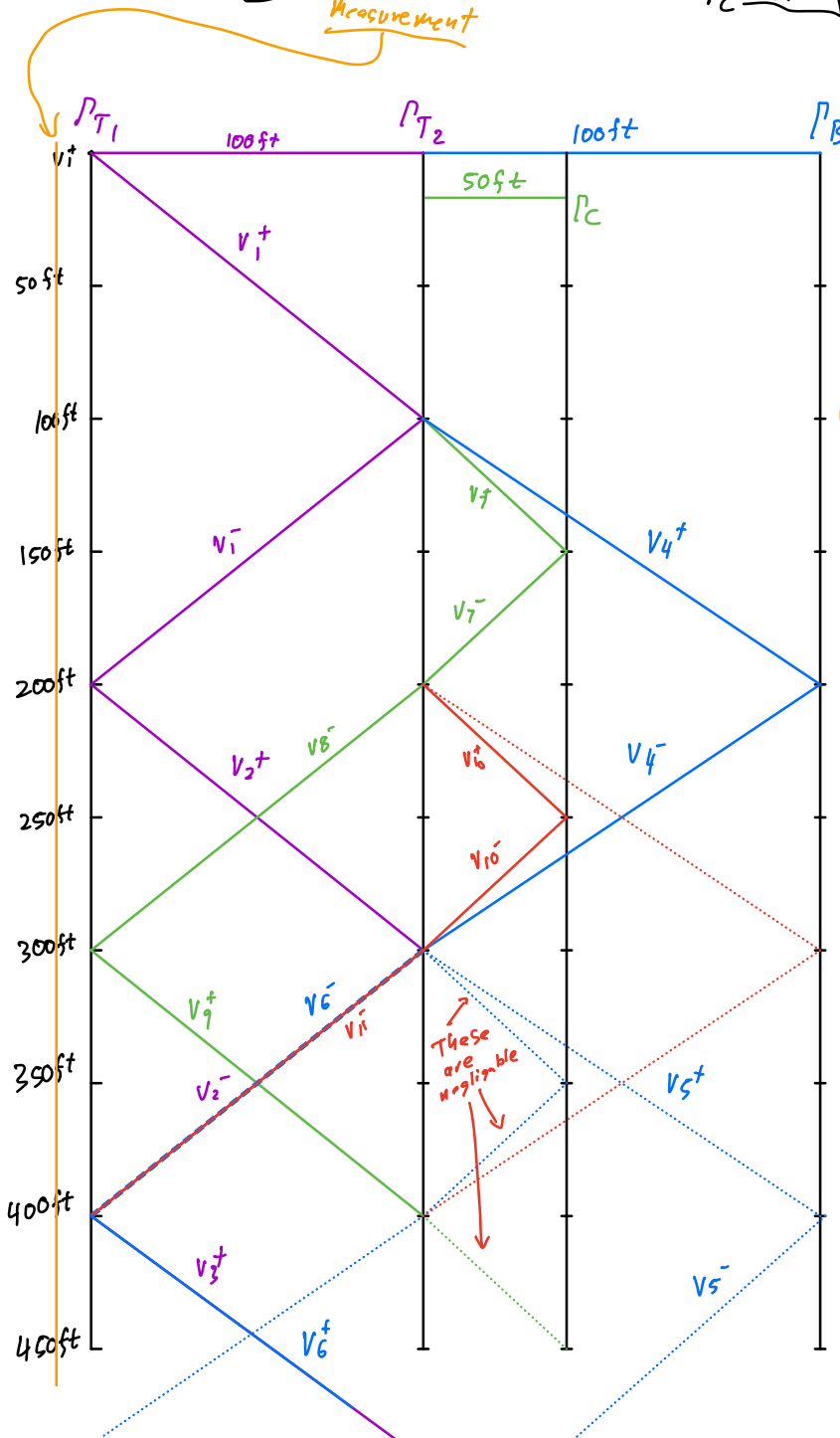
Source diagram for config A - from Gen 1



$$\Gamma_{T1} = \Gamma_{T2} = -\frac{1}{3}$$

$$\Gamma_B = 0.5$$

$$\Gamma_C = 0.5$$



Measurements

$$V_{1\text{Trans}} = V_1^- (1 + \Gamma_{T1}) \quad 100 \text{ ft}$$

$$V_{8\text{Trans}} = V_8^- (1 + \Gamma_{T1}) \quad 150 \text{ ft}$$

$$(V_2^- + V_6^-)_{\text{Trans}} = (V_2^- + V_6^-) (1 + \Gamma_{T1}) \quad 200 \text{ ft} \\ + V_{11}^- \\ = (V_2^- + V_6^- + V_{11}^-) (1 + \Gamma_{T1})$$

$$V_{10}^+ = V_7^- \Gamma_{T2}$$

$$V_{10}^- = V_{10}^+ \Gamma_C$$

$$V_{11}^- = V_{10}^- (1 + \Gamma_{T2})$$