rotate 0.375λ towards generator to get to plane B'

\[ Y_{B'} = 1 + j2.2 \rightarrow Y_2 = -j2.2 \]

\[ Y_{A} = 0.8 - j1.95 \rightarrow Y_1 = -j1.35 \]

\( Z_0 = 50\Omega \)

\( Z = 25\Omega \)

\( Y_1 \text{ norm} = 2 \)