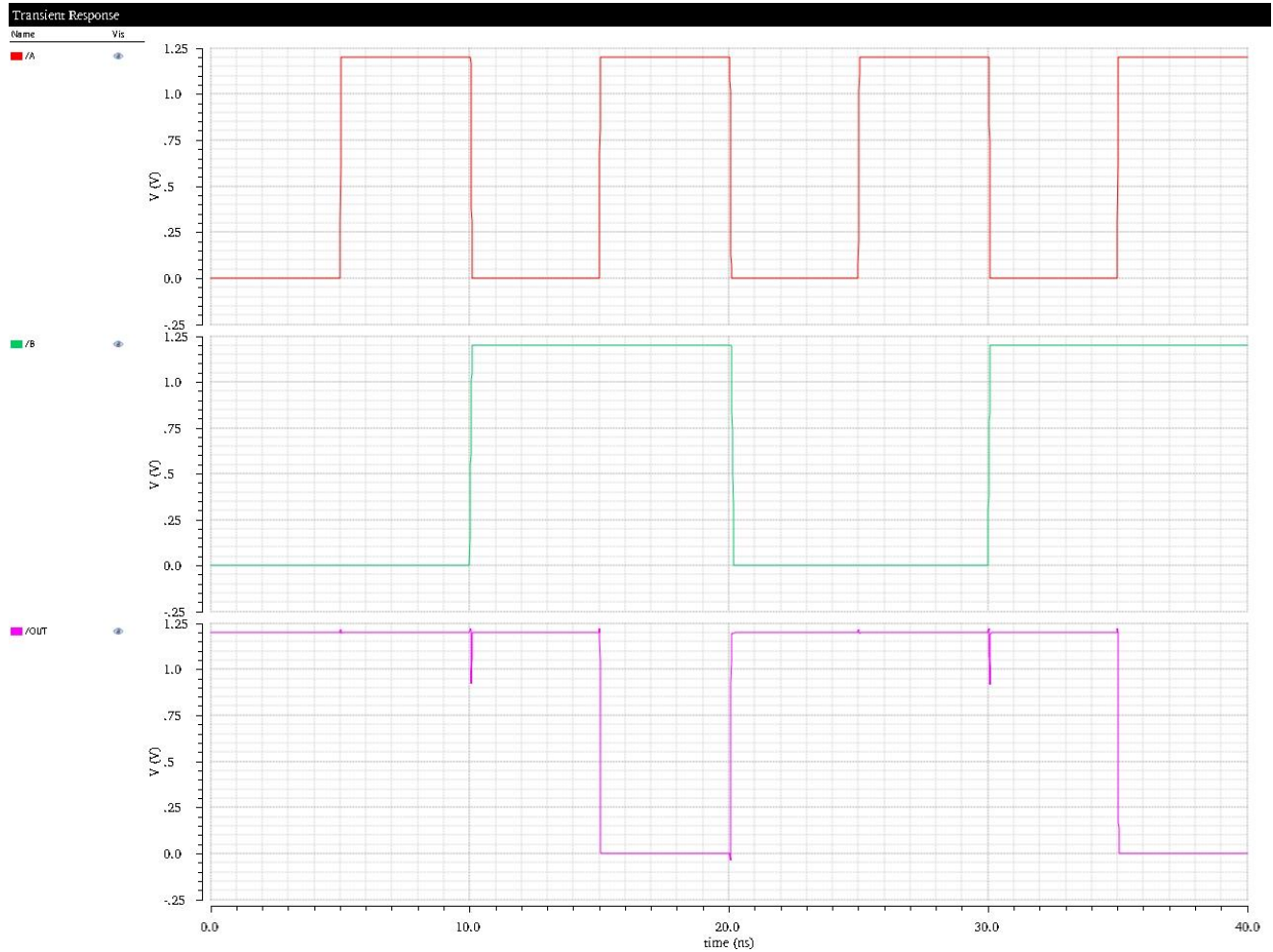


2-Input AND gate waveforms



Timing analysis:

Rise time = 16.87ps

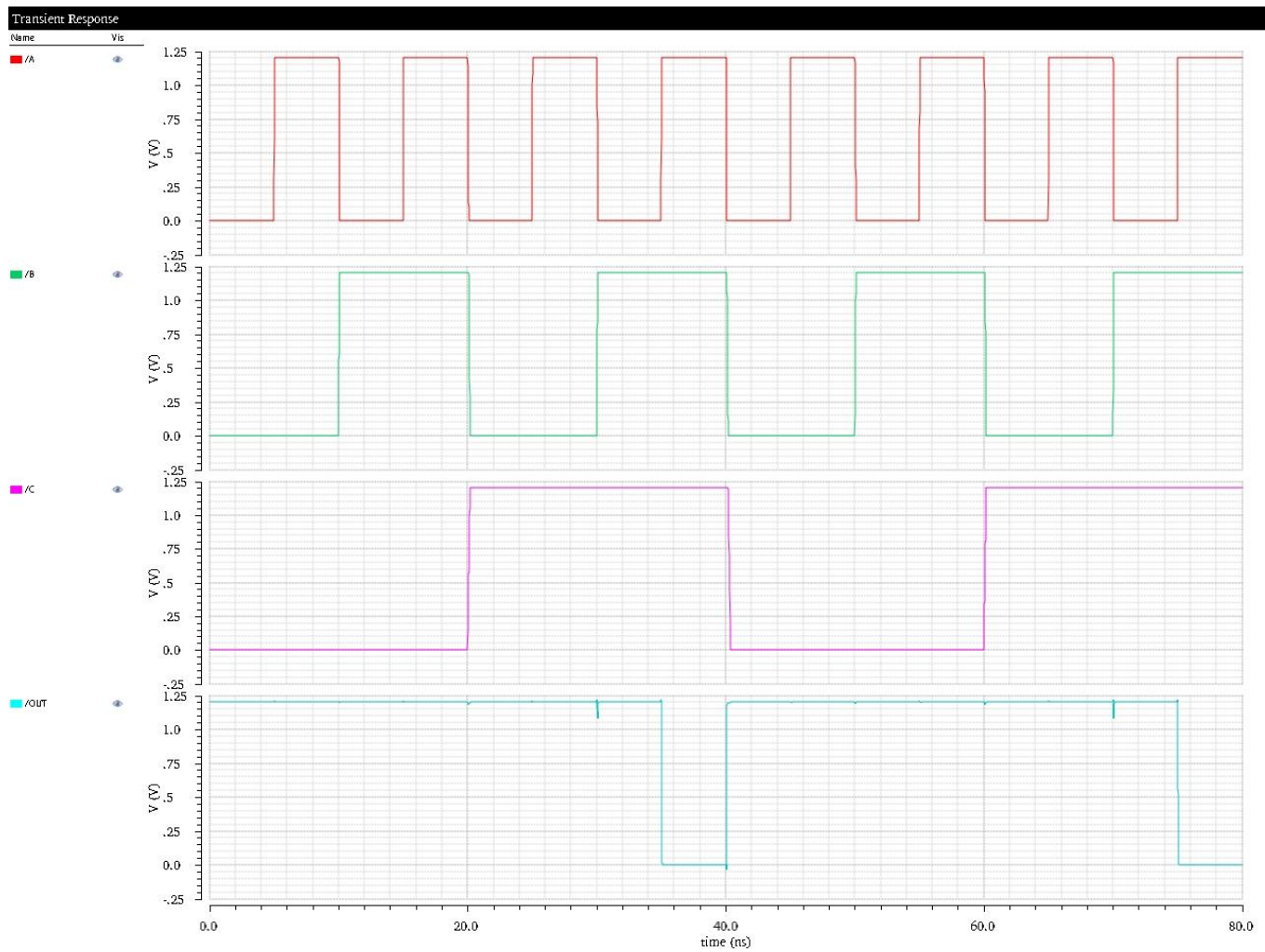
Fall time = 21.87ps

T_{pHL} = 19.37ps

T_{pLH} = 51.56ps

Delay = 35.47ps

3-Input AND gate waveforms



Timing analysis:

Rise time = 16.91ps

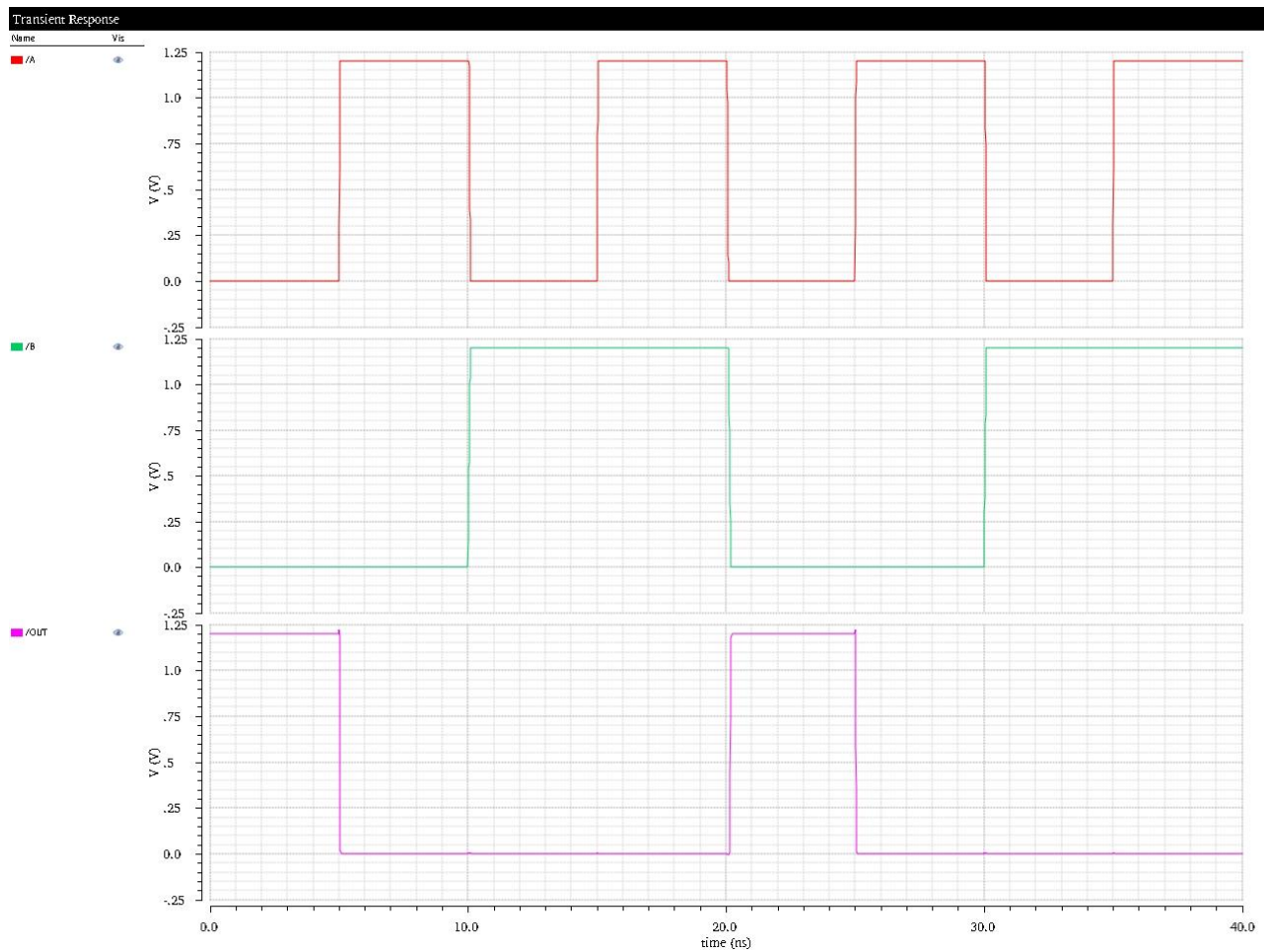
Fall time = 34.2ps

T_{pHL} = 25.84ps

T_{pLH} = 40.09ps

Delay = 32.96ps

2-Input NOR gate waveforms



Timing analysis:

Rise time = 31.96ps

Fall time = 18.05ps

T_{pHL} = 16.79ps

T_{pLH} = 25.07ps

Delay = 20.93ps