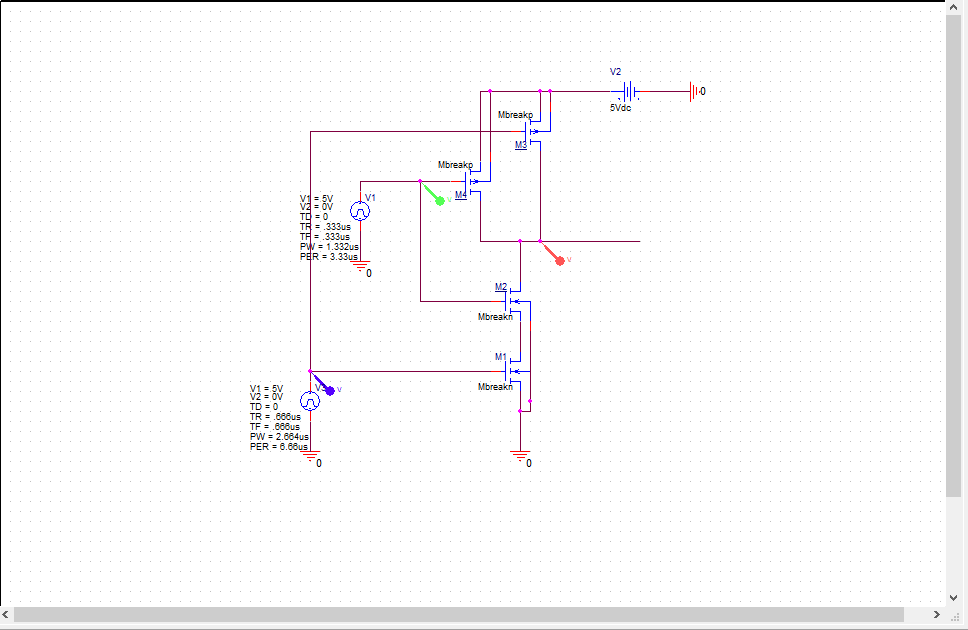
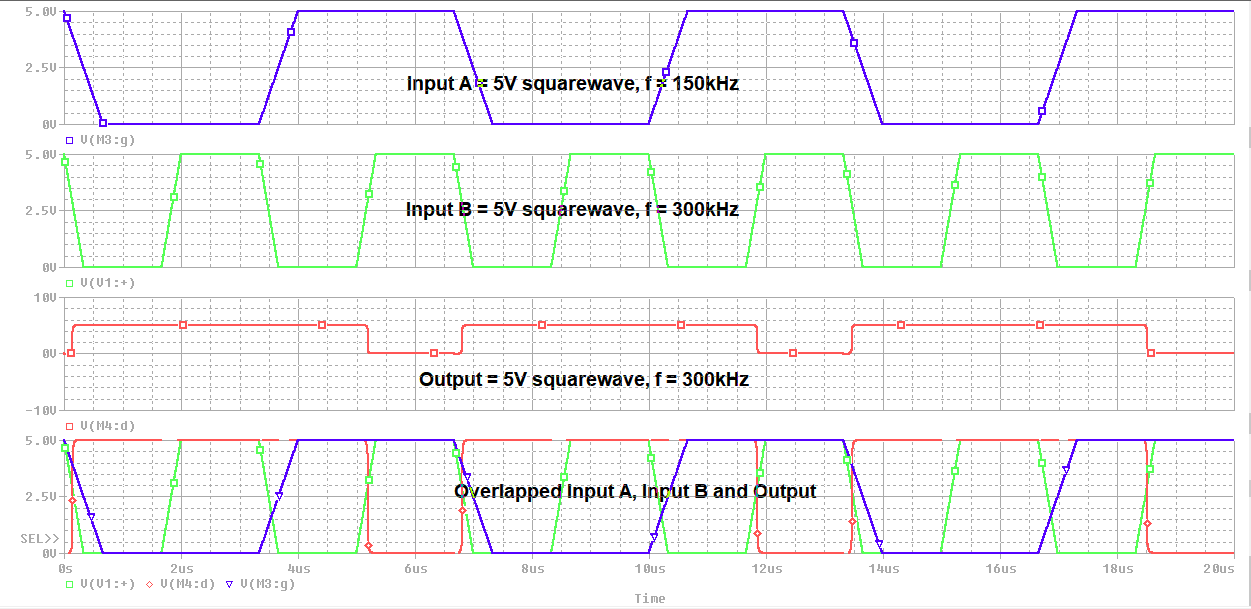
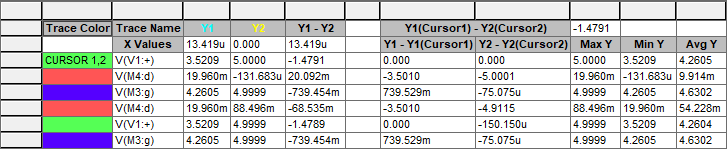
**Case 2:**



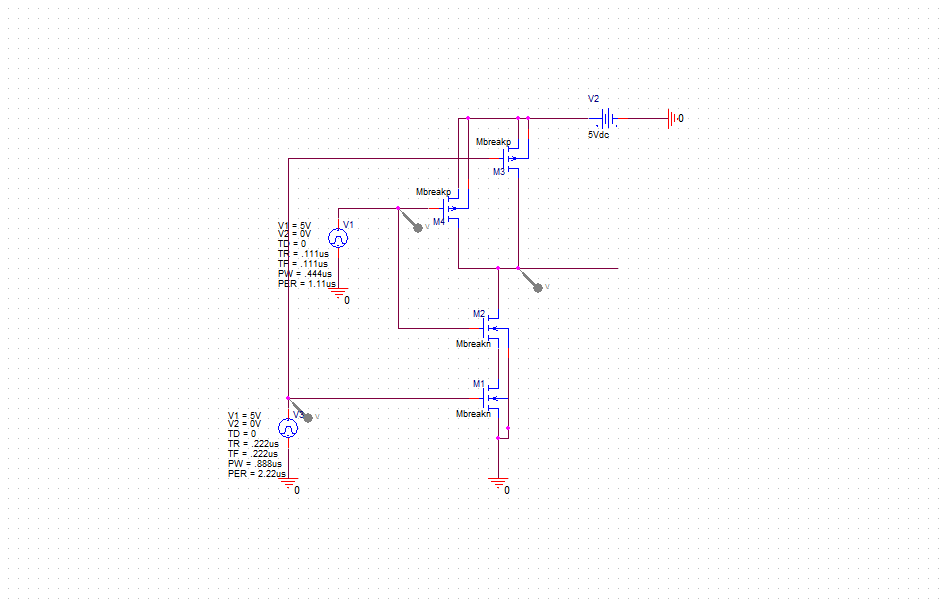
**Figure 1: Circuit Schematic for 5V squarewave, f = 300kHz**



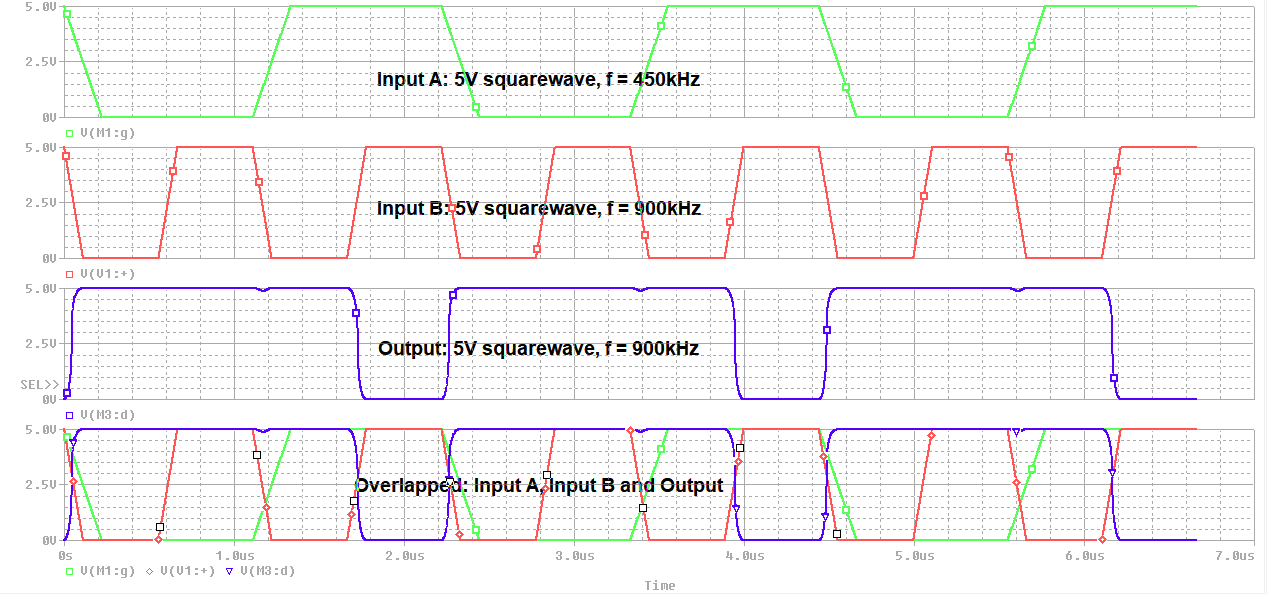
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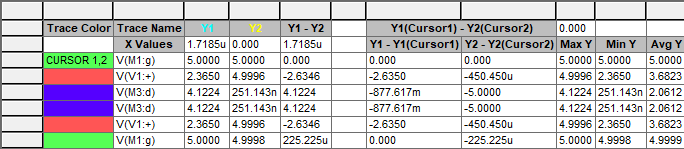
**Figure 2: Output waveform for 5V squarewave, f = 300kHz**

**Case 4:**

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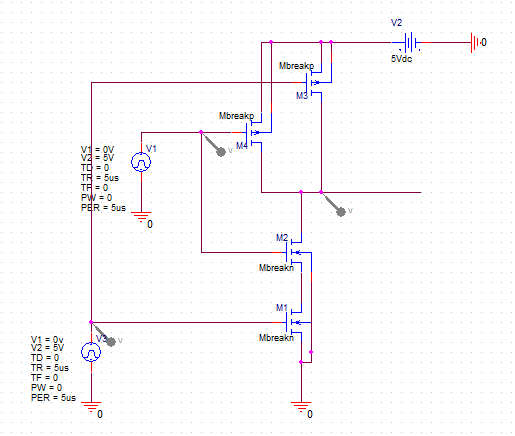
**Figure 3: Circuit Schematic for 5V squarewave, f = 900kHz**

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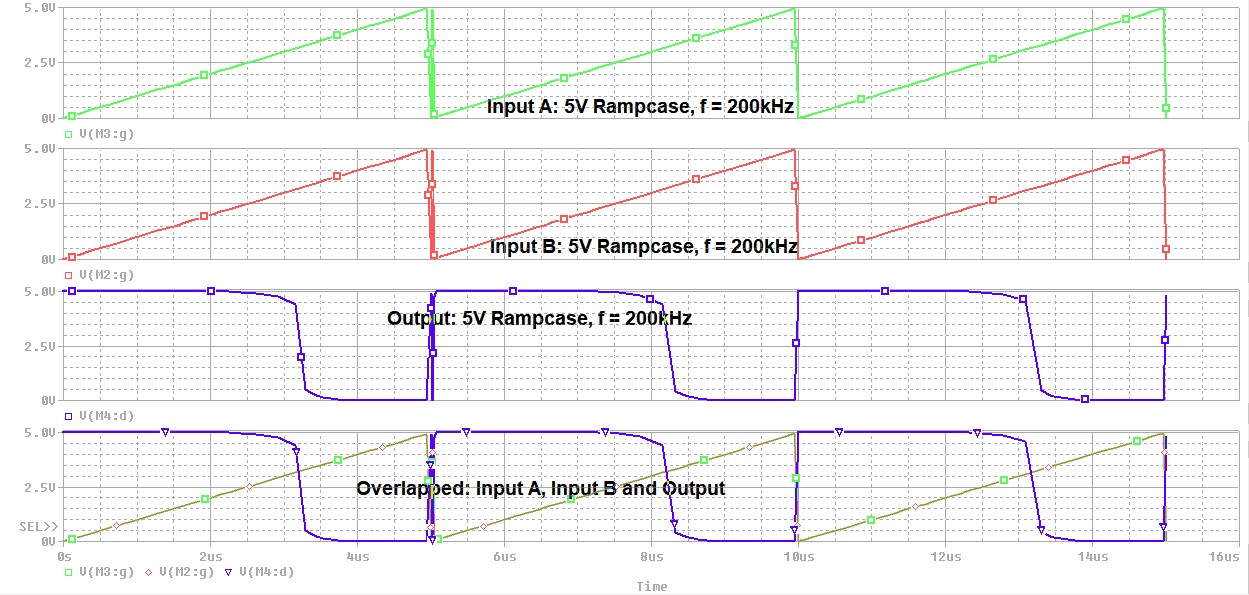
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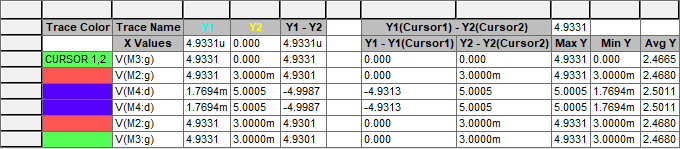
**Figure 4: Output waveform for 5V squarewave, f = 900kHz**

**Ramp Case:**

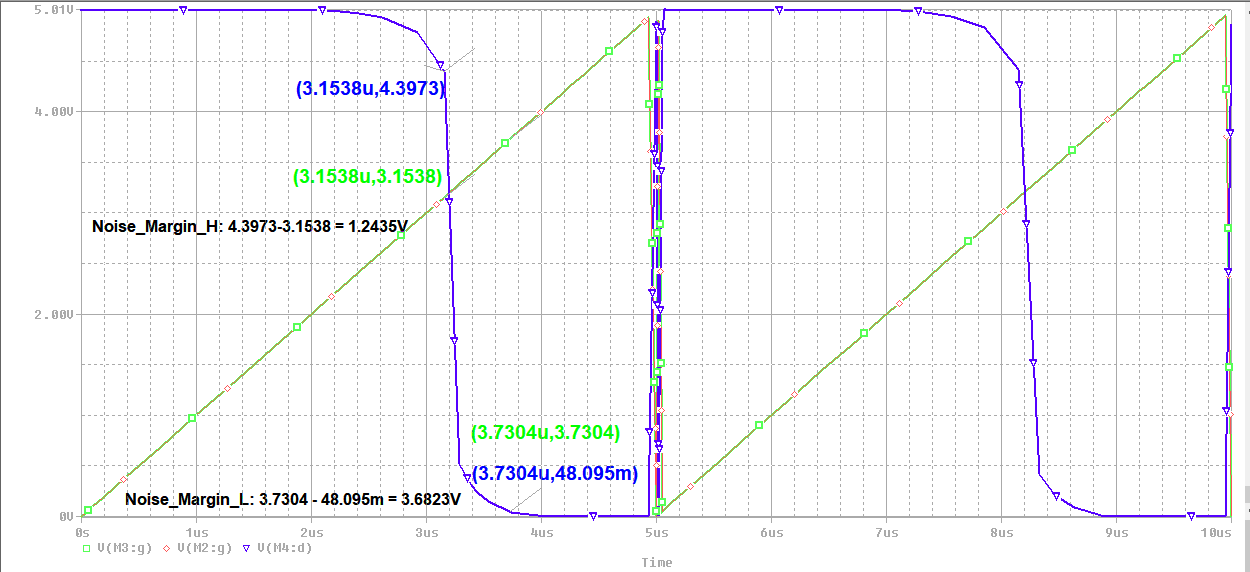
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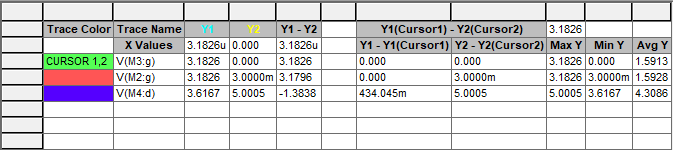
**Figure 5: Circuit Schematic for 5V Ramp Case, f = 200kHz**

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**Figure 6: Output waveform for 5V Ramp case, f = 200kHz**

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**Figure 7: Noise Margin waveform for ramp case, f = 200kHz**