

Figure 1. Arrangement of the full-bridge inverter IRF740 transistors

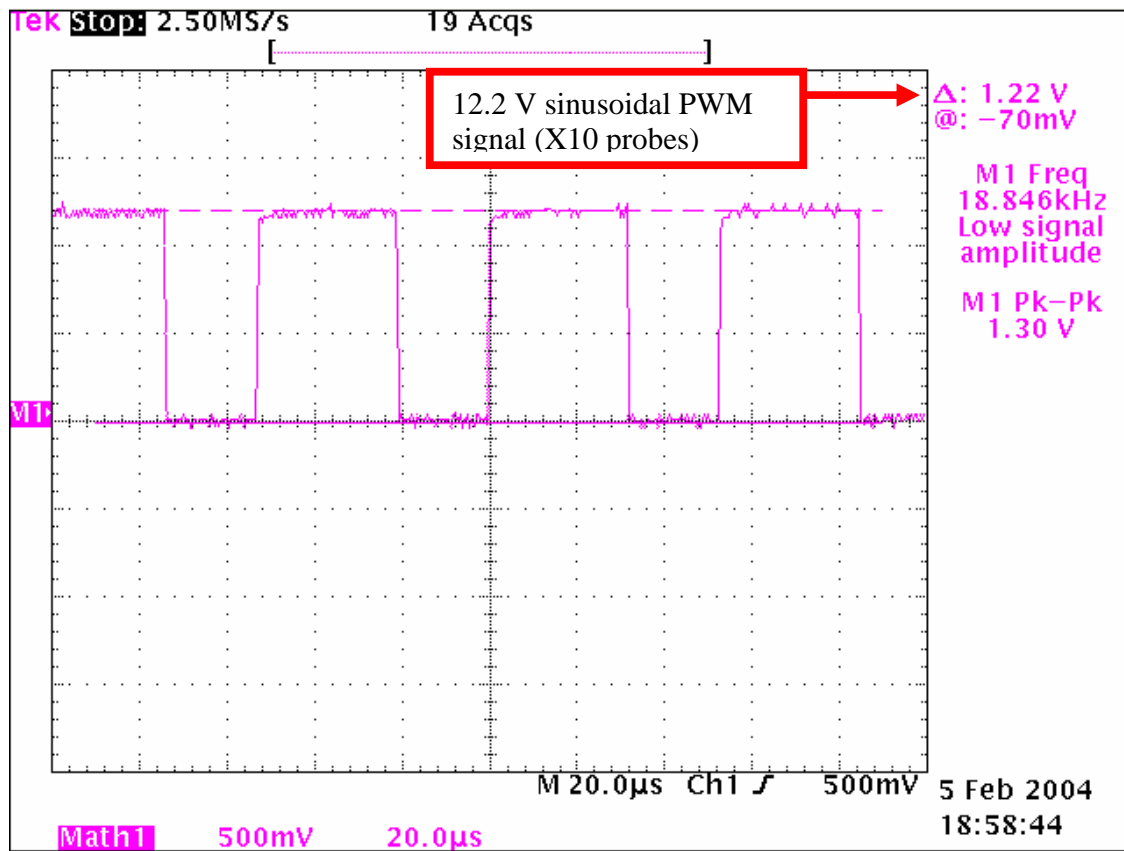


Figure 2. Voltage from IR2181 MOSFET driver to Vgs of transistor 1

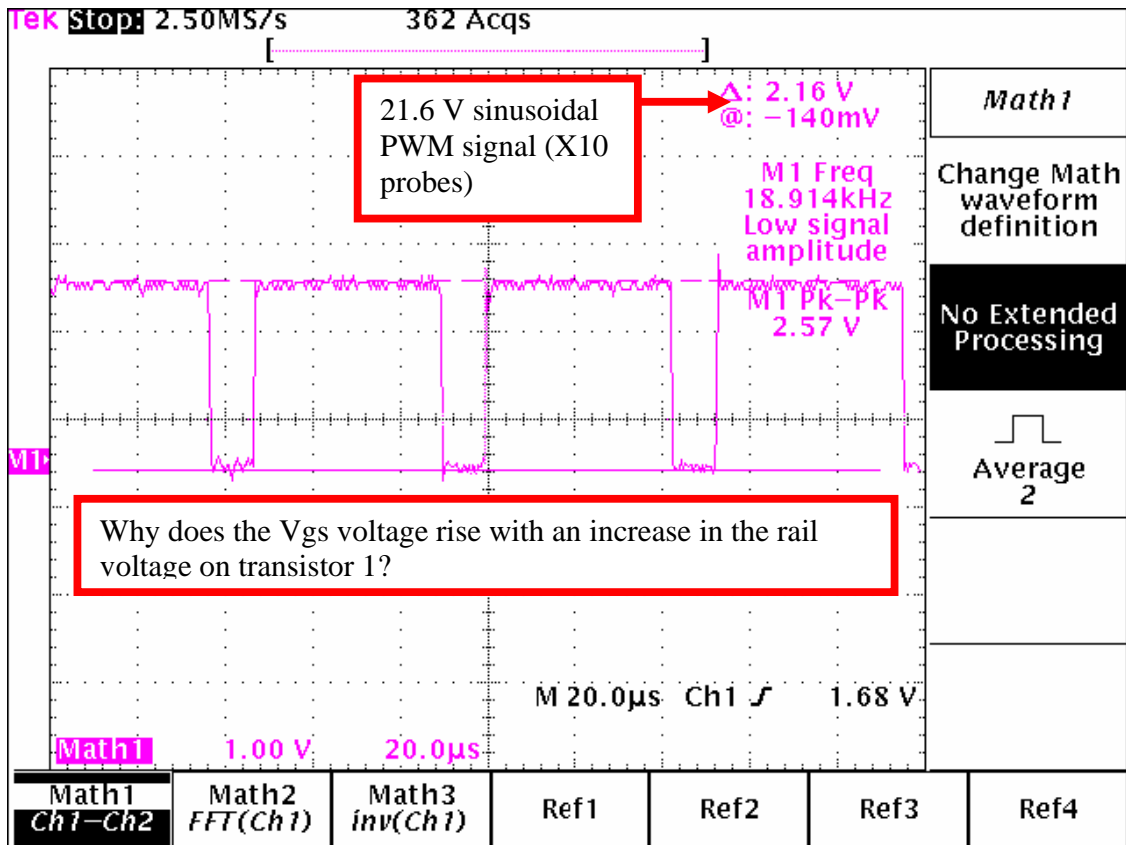


Figure 3. Vgs waveform of transistor 1 with 23 VDC applied to rails

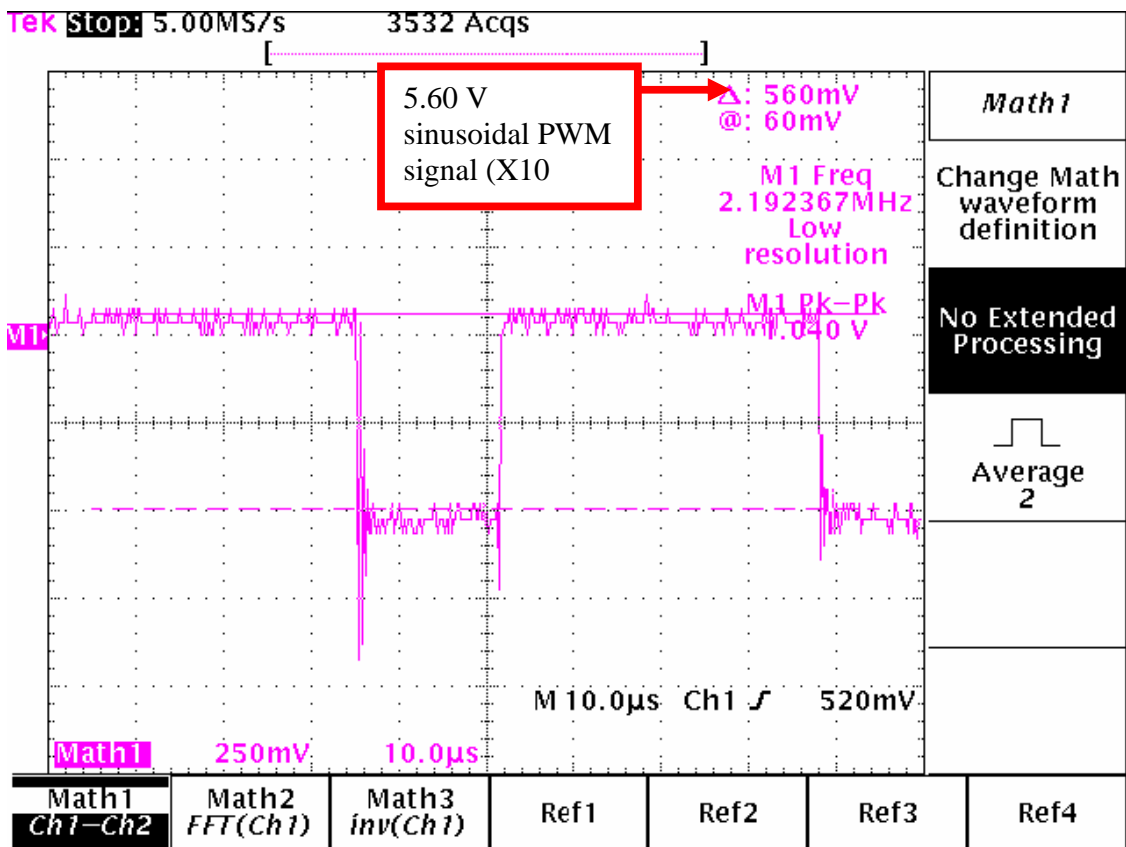


Figure 4. Vds waveform of transistor 1 with 5 VDC applied to the rail

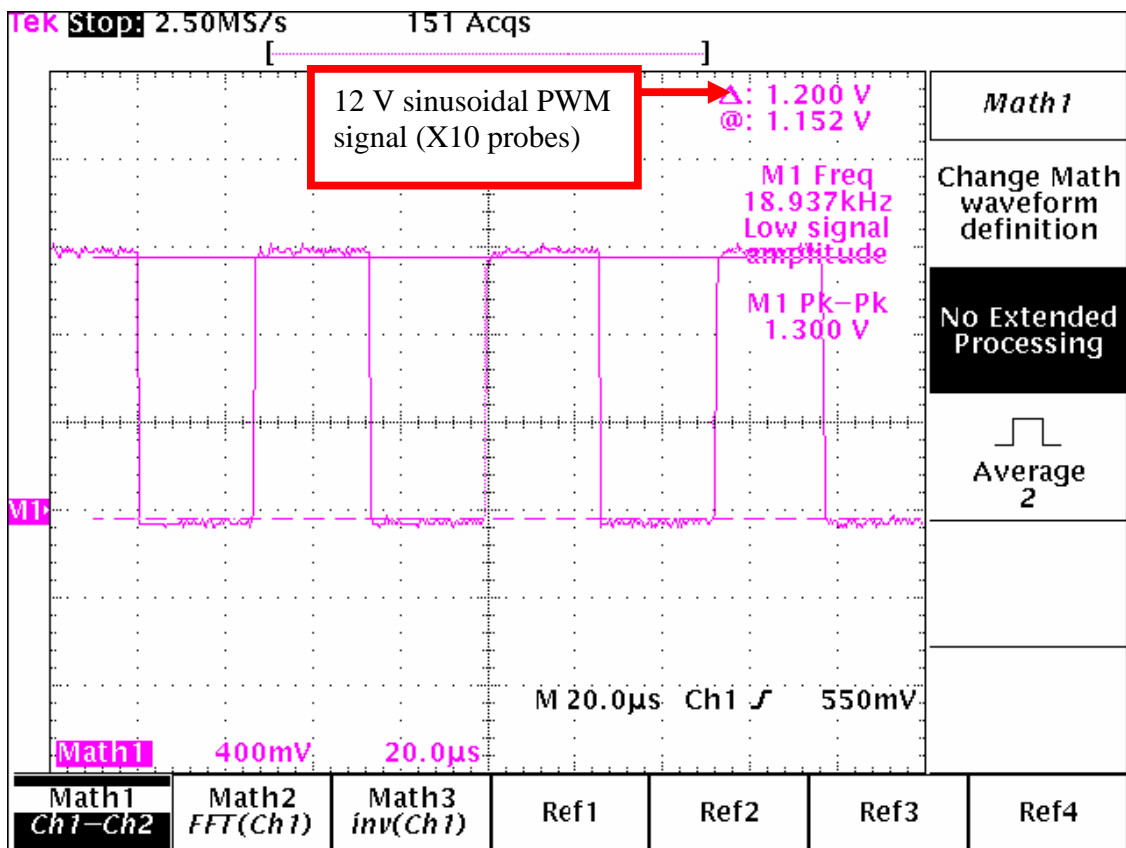


Figure 5. Voltage from IR2181 driver to Vgs of transistor 2

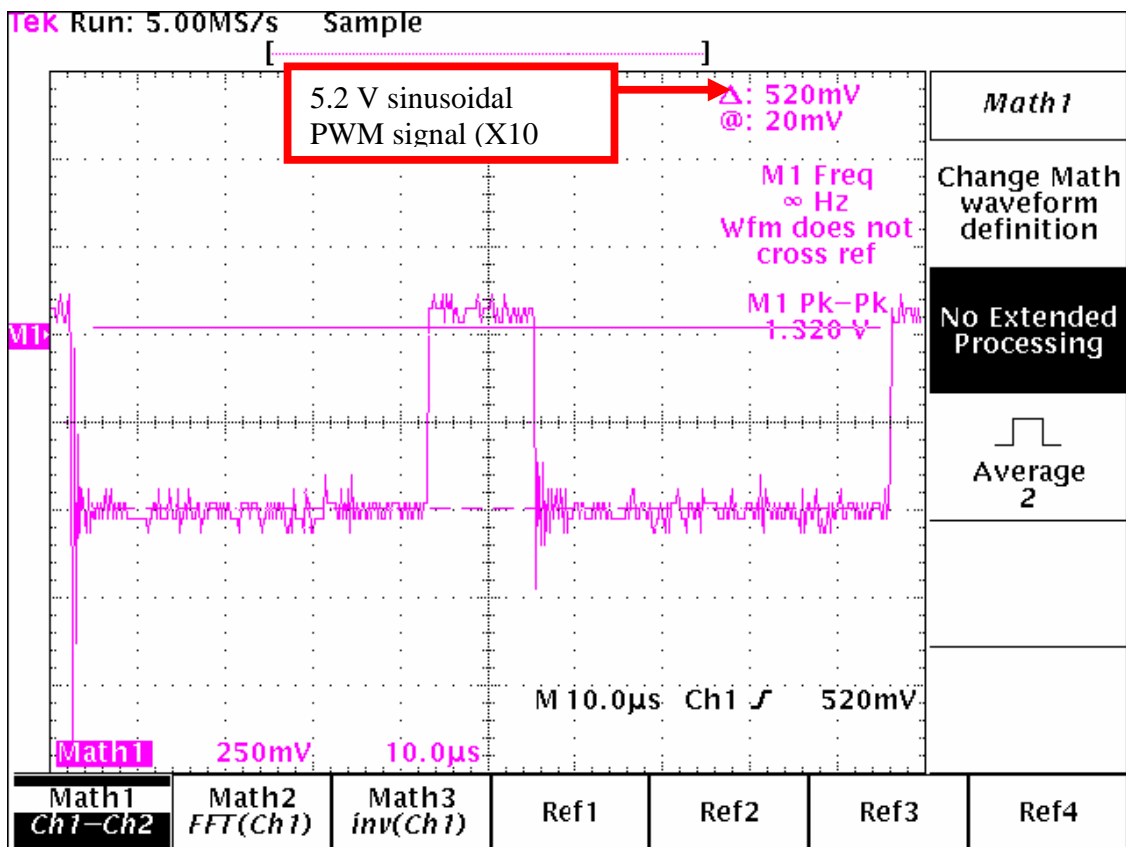


Figure 6. Vds waveform of transistor 2 with 5 VDC applied to the rail

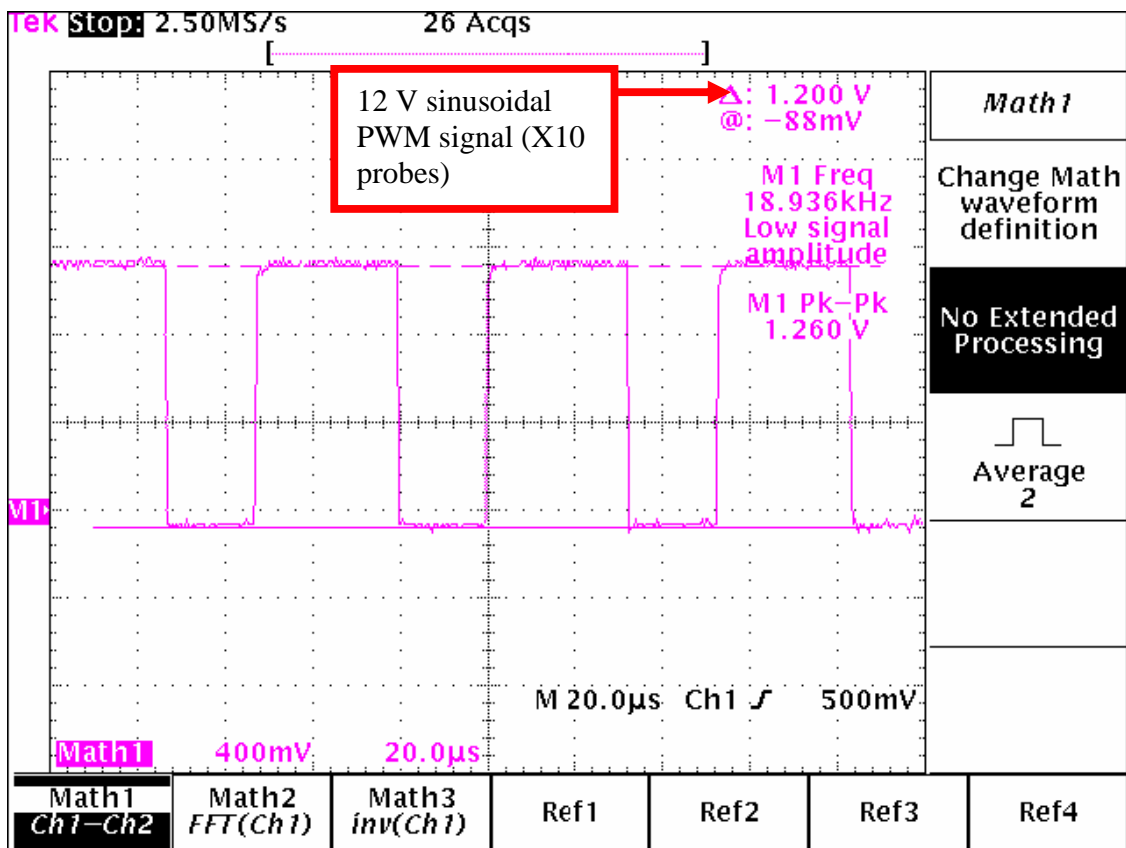


Figure 7. Voltage from IR2181 MOSFET driver to V_{gs} of transistor 3

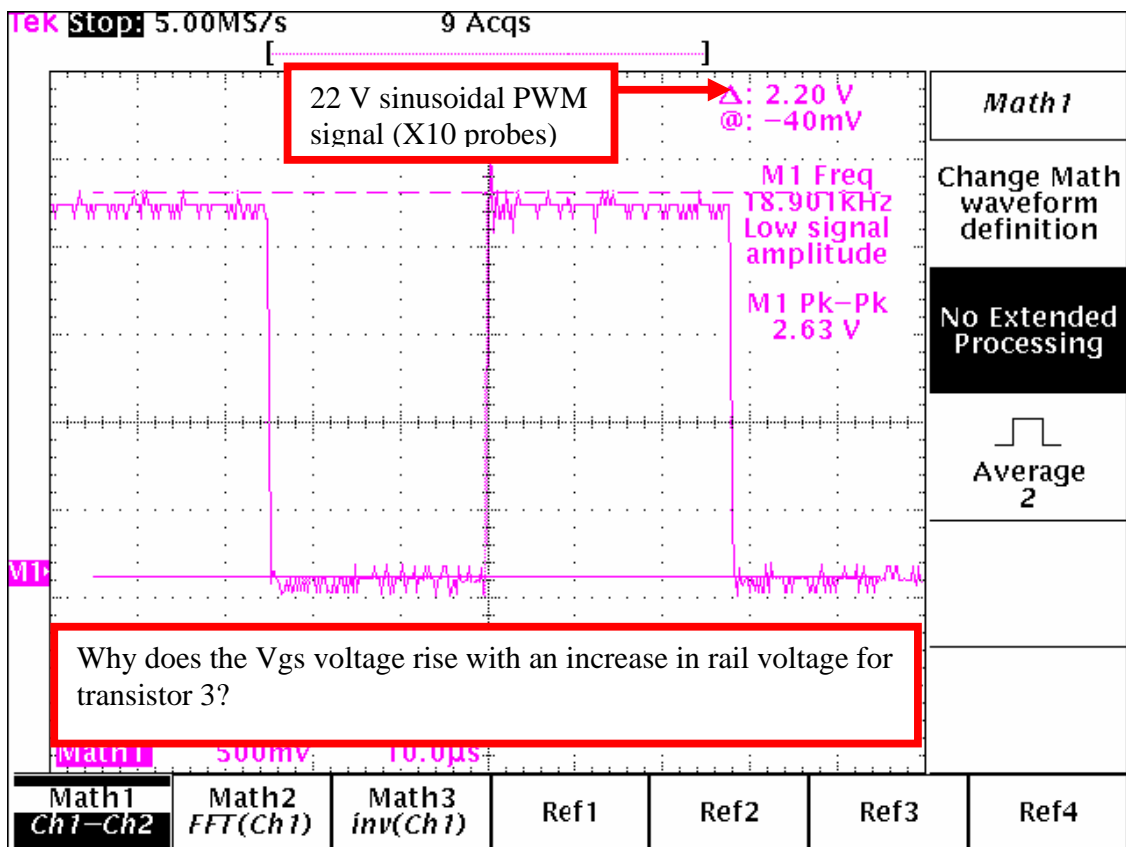


Figure 8. V_{gs} waveform of transistor 3 with 23 VDC applied to rails

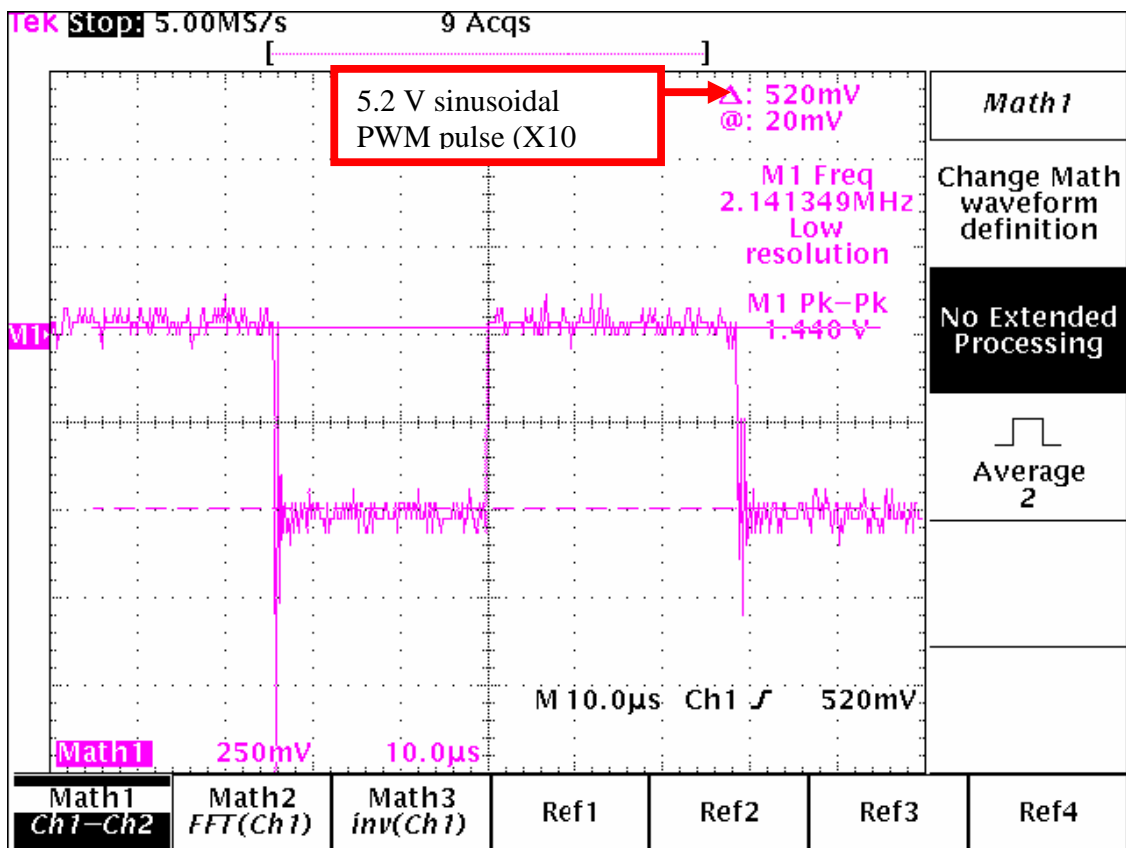


Figure 9. Vds waveform of transistor 3 with 5 VDC applied to the rail

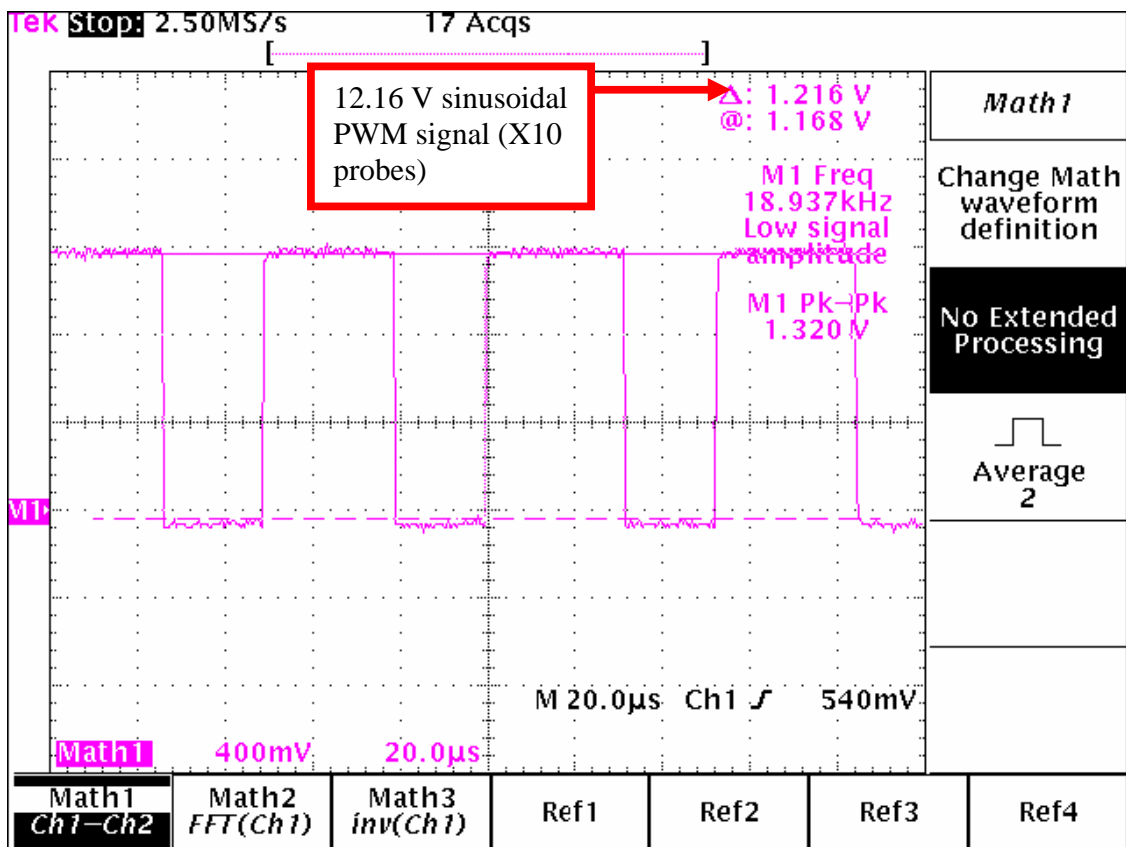


Figure 10. Voltage from IR2181 MOSFET driver to Vgs of transistor 4