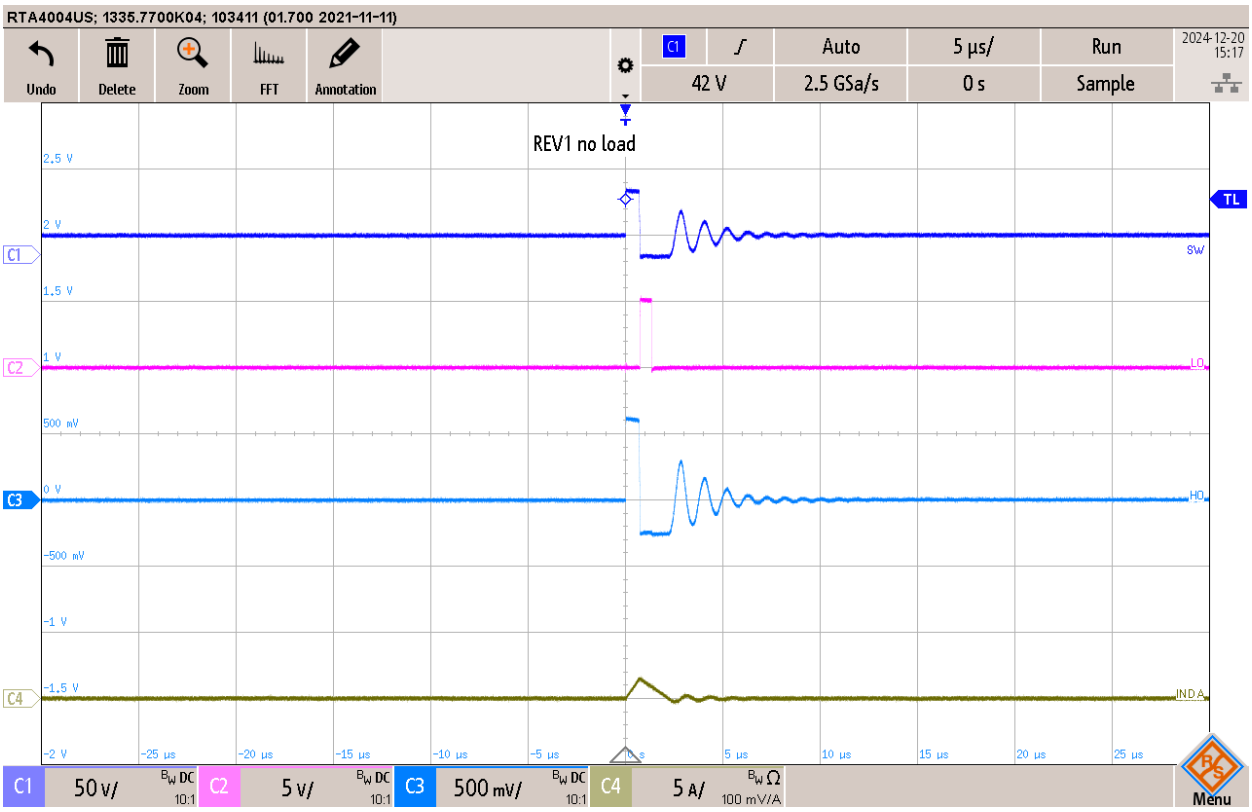

Figure 1: Rev 1 board, no load

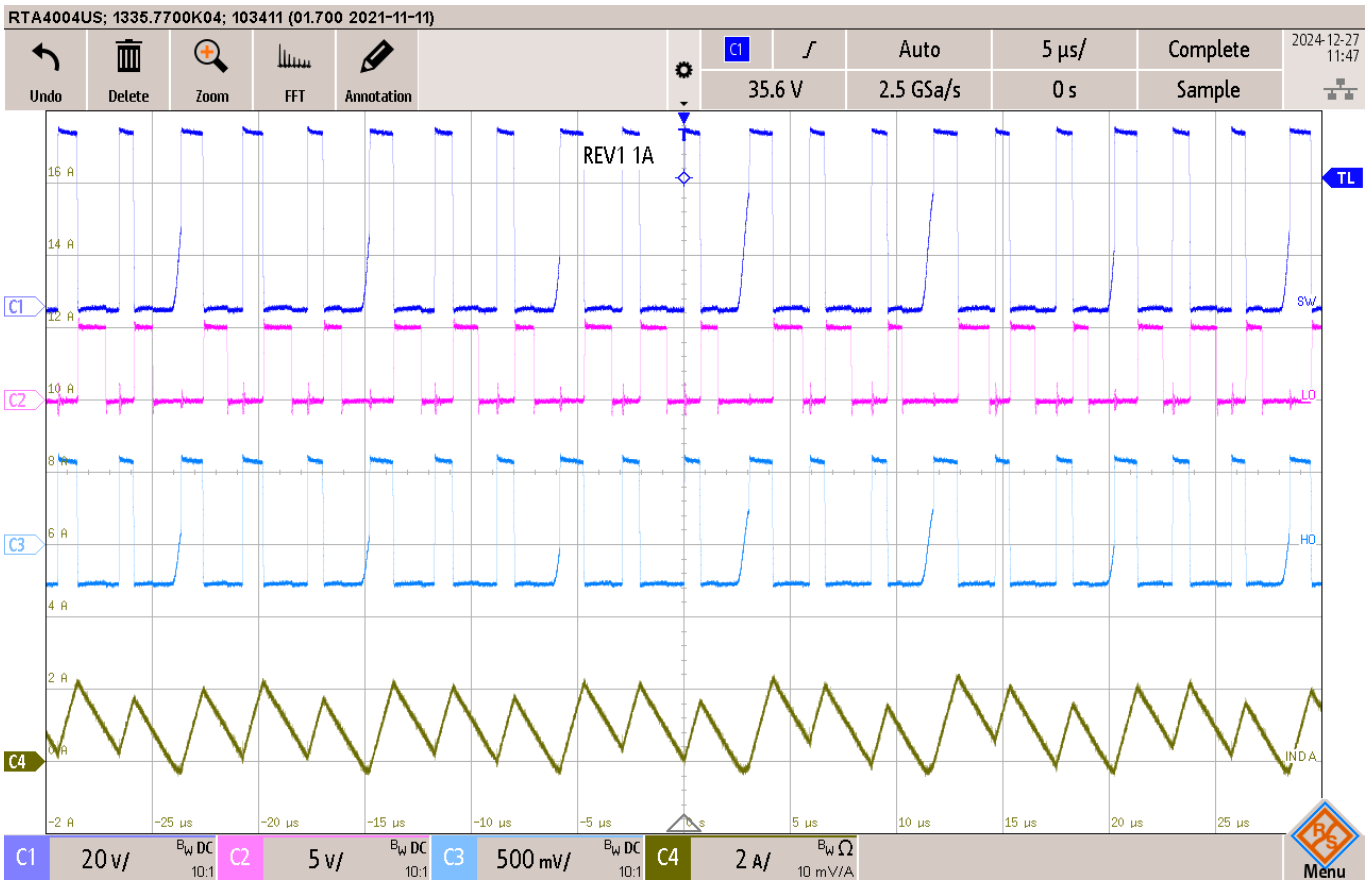

Figure 2: Rev 1 board, 1A load

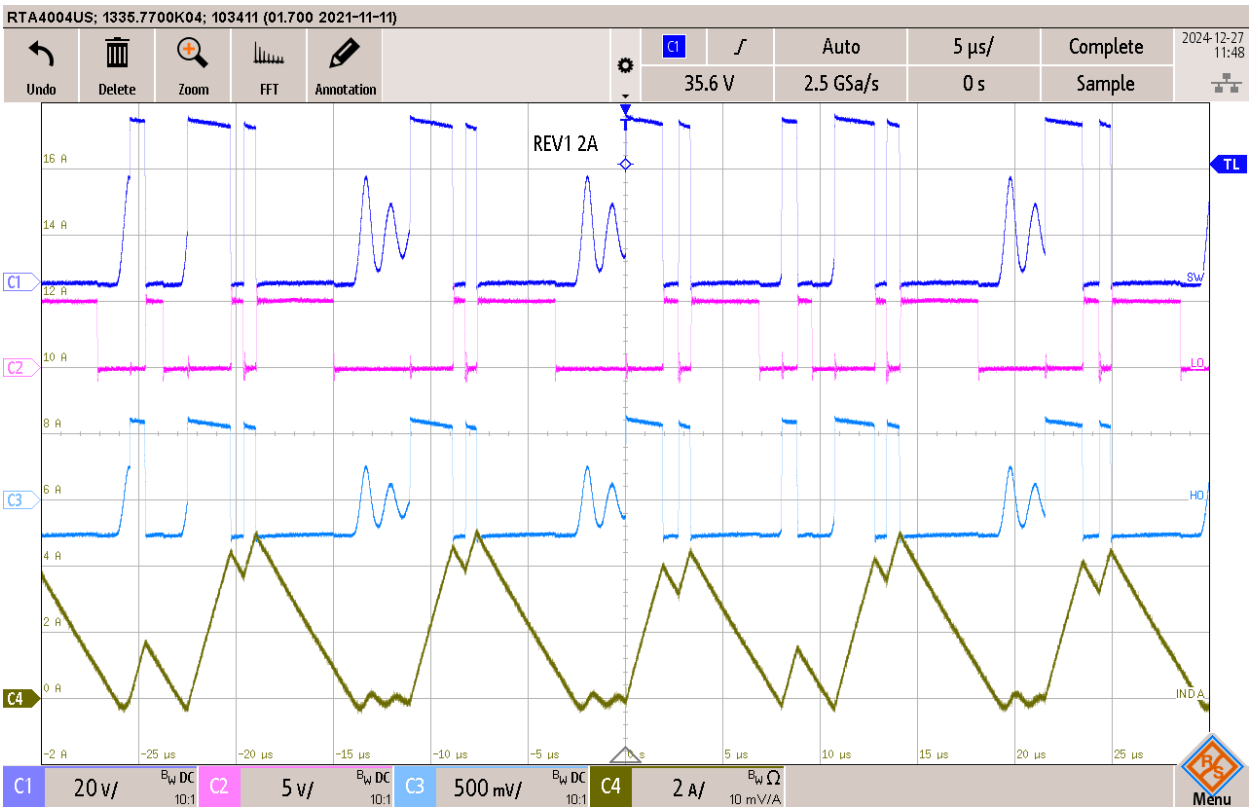

Figure 3: Rev 1 board, 2A load

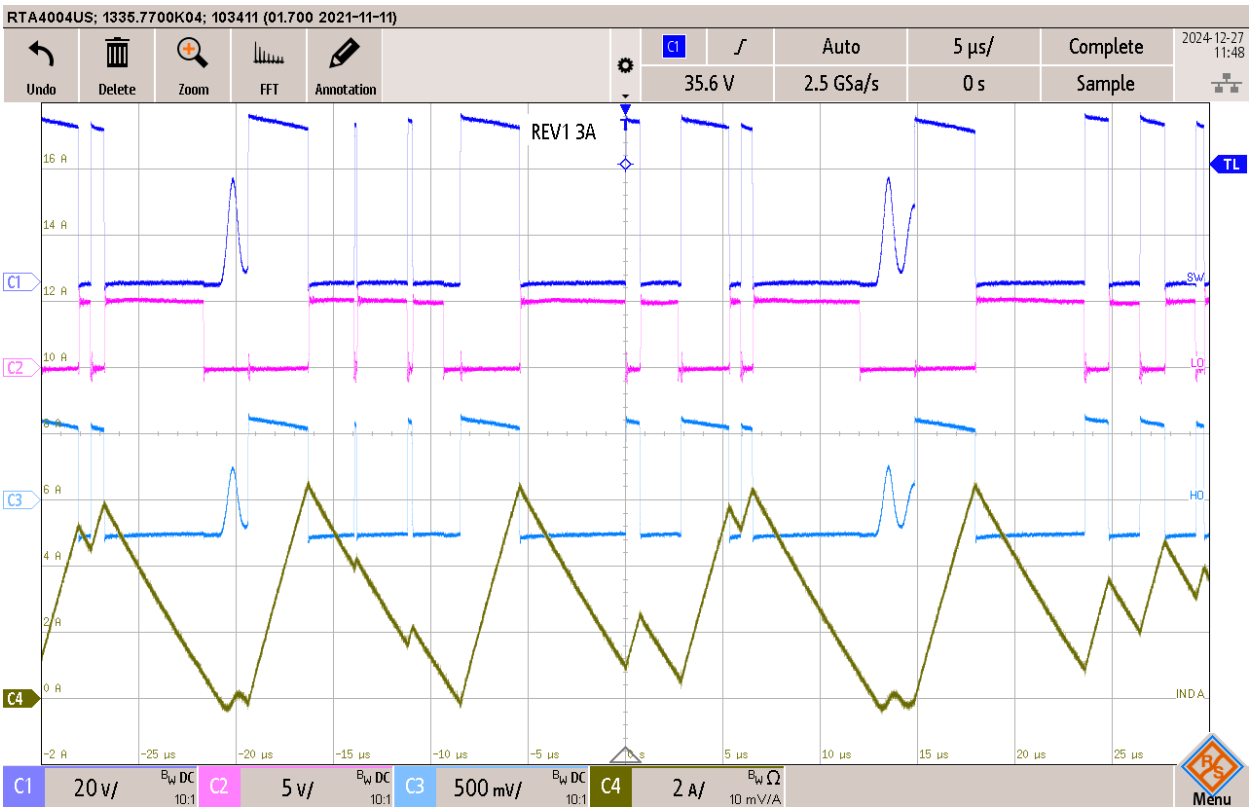

Figure 4: Rev 1 board, 3A load

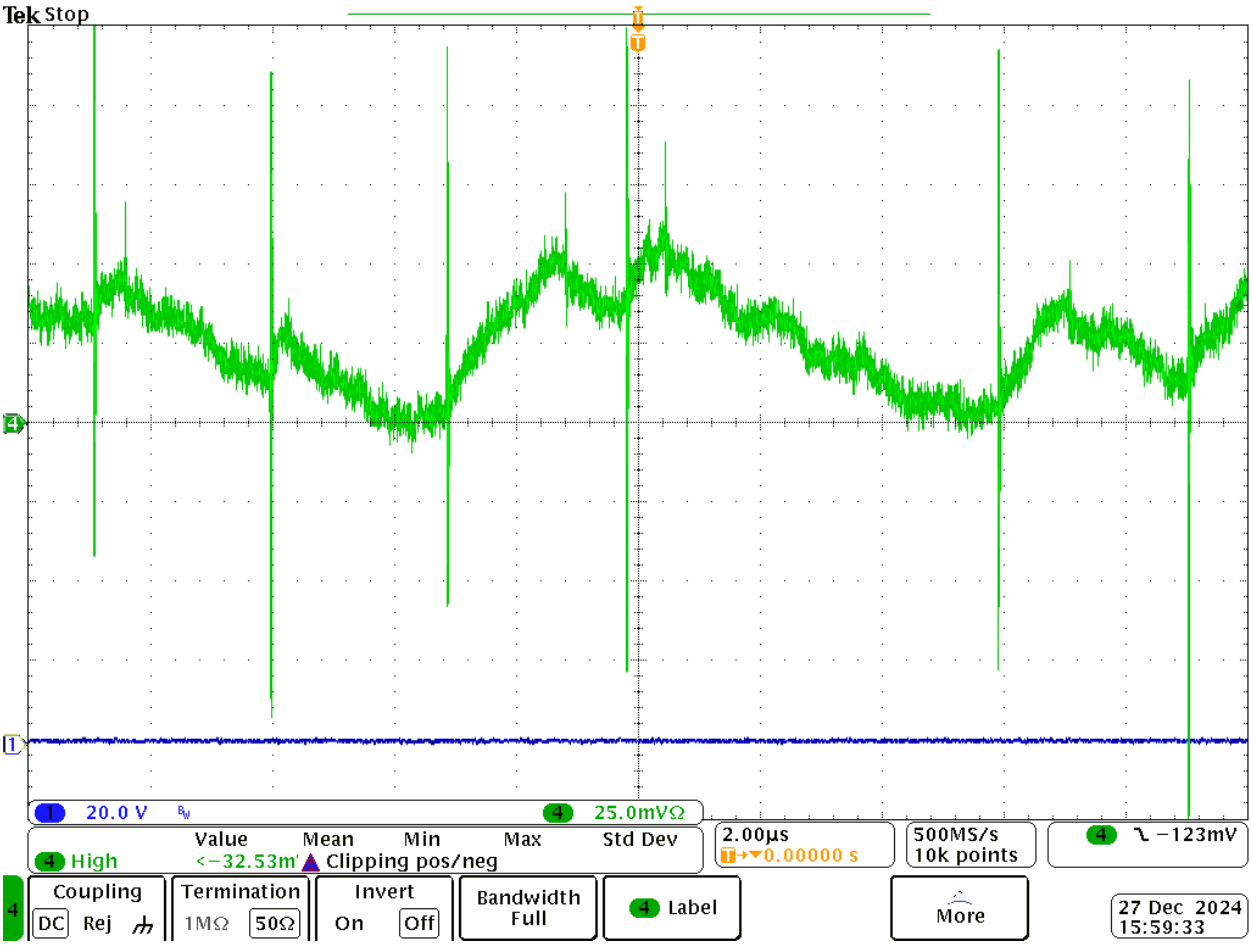

Figure 5: Rev 1 board, 2A load, current sense voltage. Note this was measured at the resistor, not at the IC

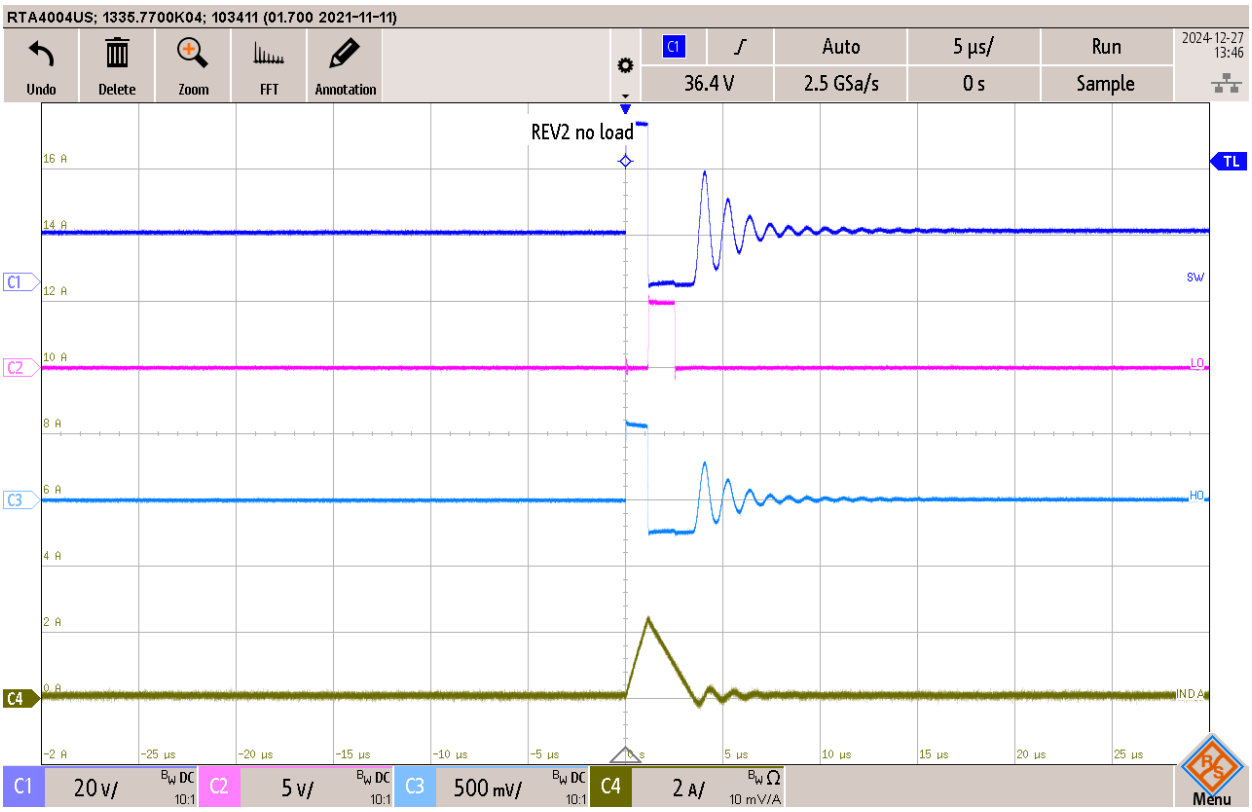

Figure 6: Rev 2 board, no load

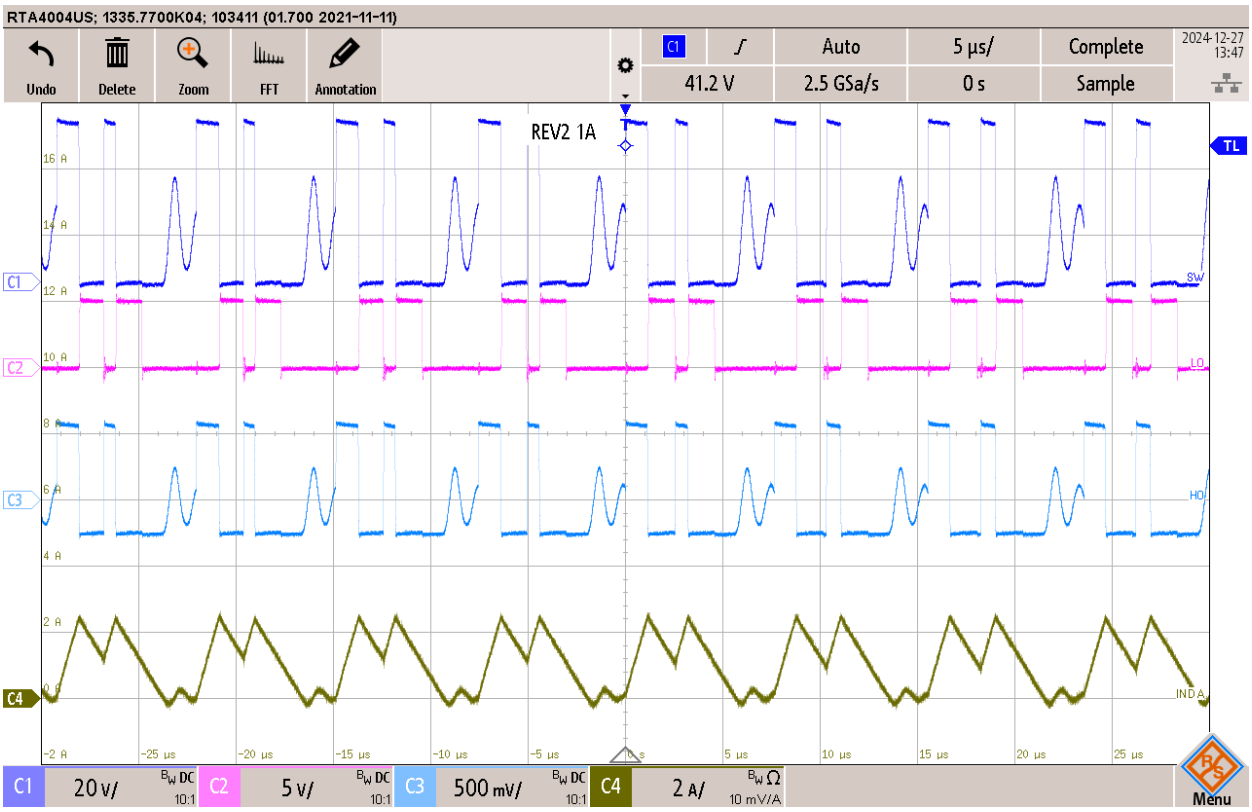

Figure 7: Rev 2 board, 1A load

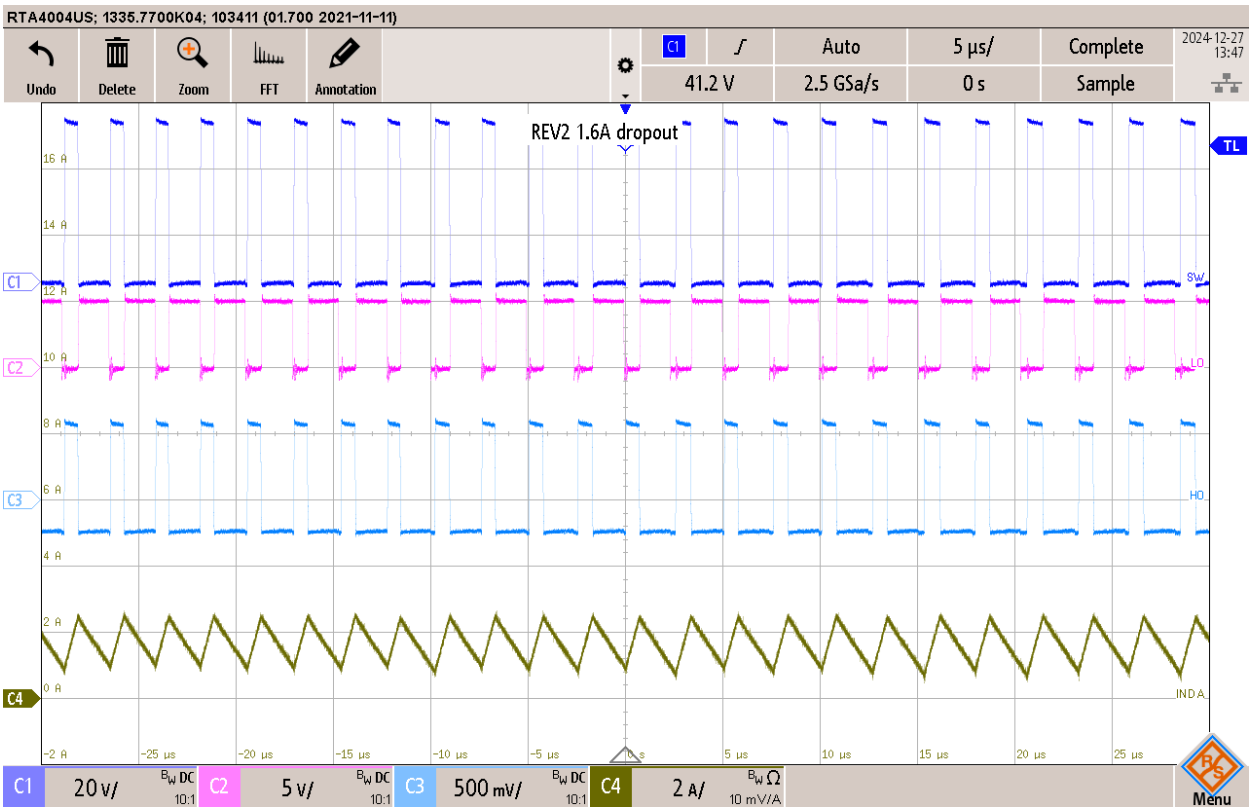

Figure 8: Rev 2 board, 1.6A load. Output voltage is out of regulation. You can see that duty cycle is being limited and inductor current is not being allowed to rise up to meet the demand as in the Rev 1 design

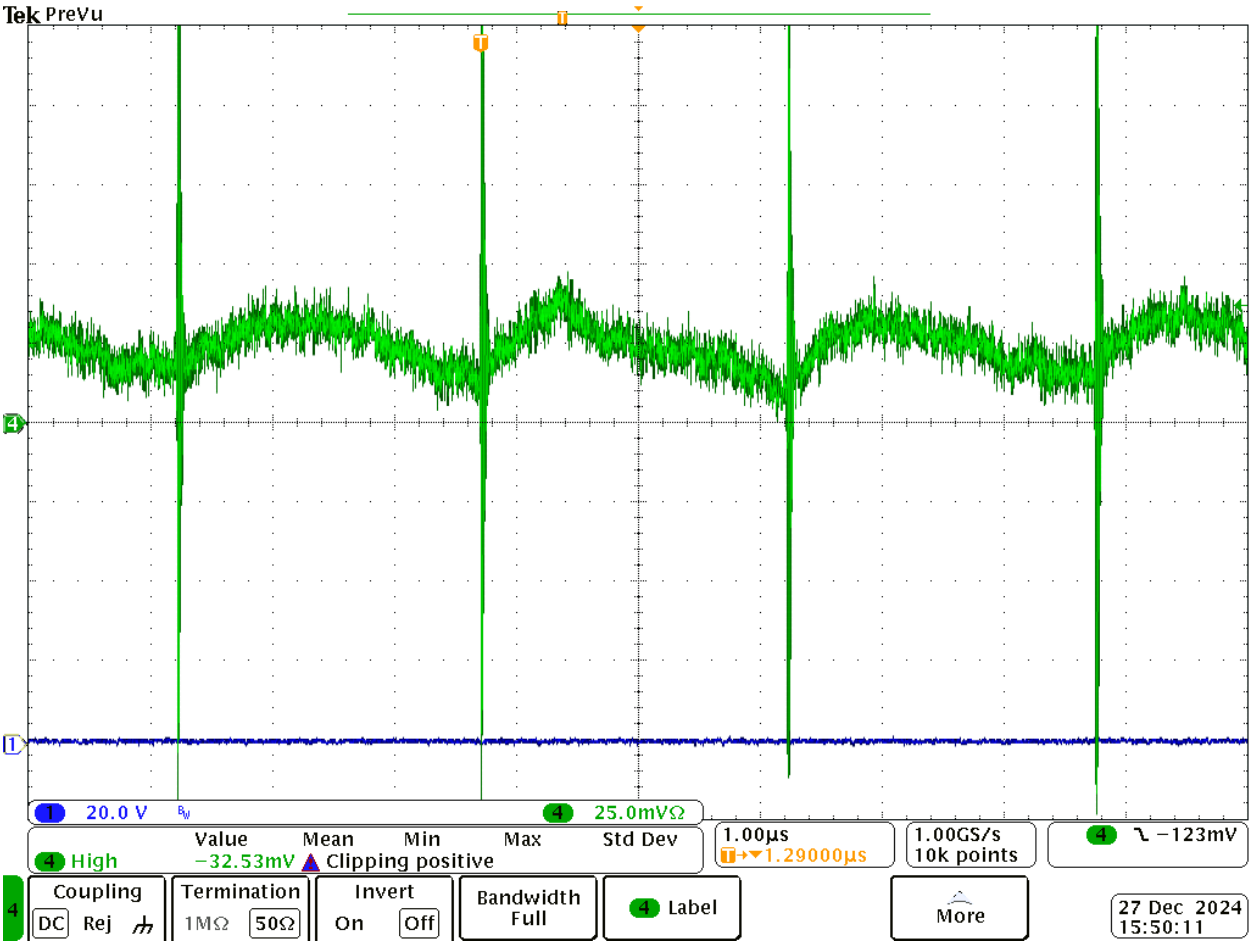

Figure 9: Rev 2 board 1.6A load, current sense voltage. Note this was measured at the resistor, not at the IC