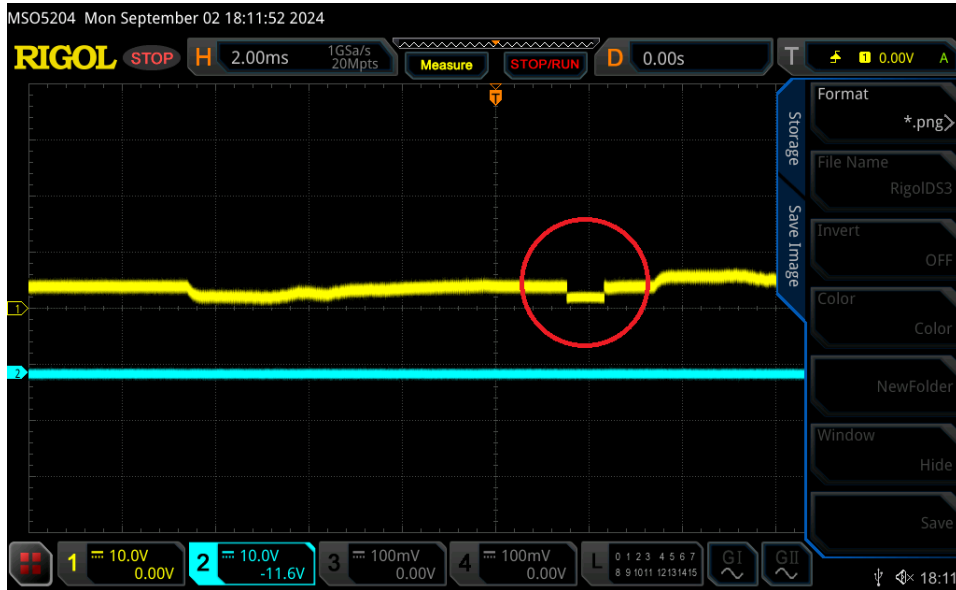
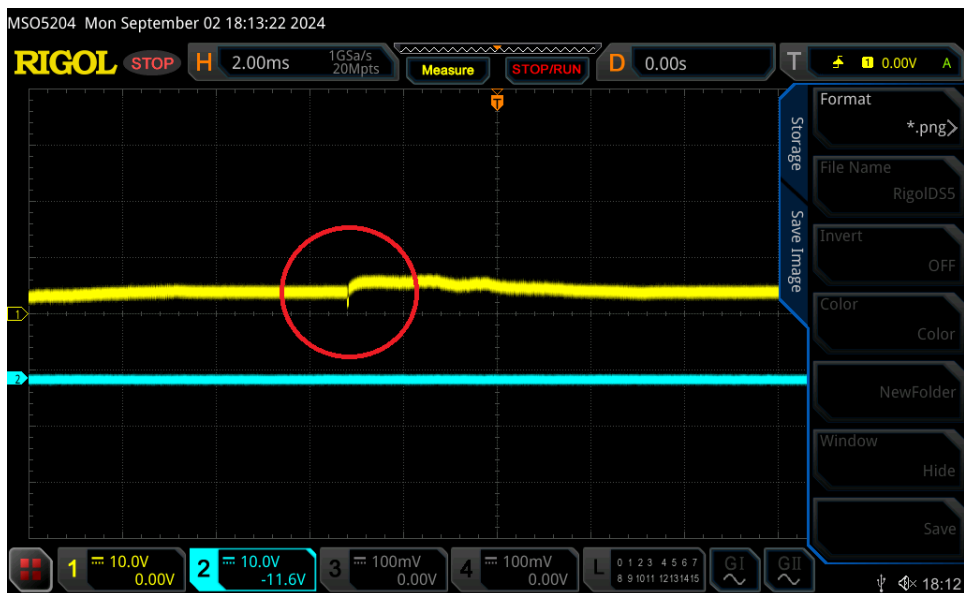


The following scope captures show the pulse observed in the PG reading (yellow) and the stable Vcc reading (blue).

At $V_{cc} = 27V$, long pulses are observed:



Meanwhile at $V_{cc} = 27.85V$, much shorter pulses are observed:



The pulses would shrink as I increased V_{cc} .