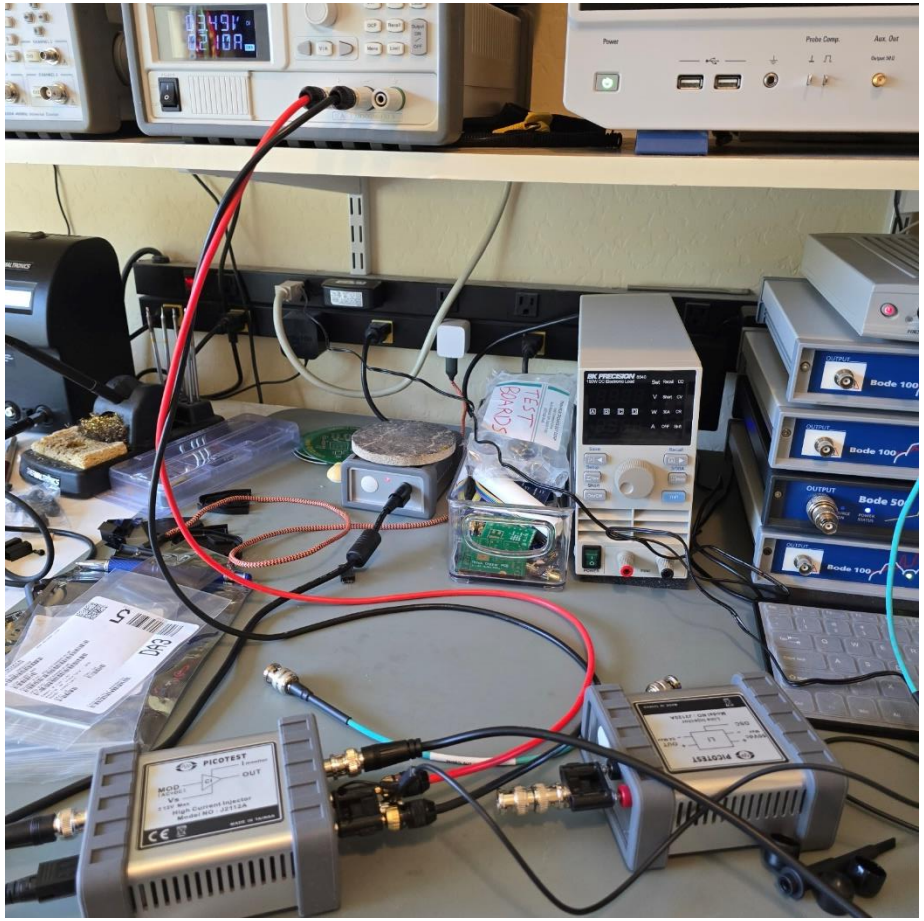
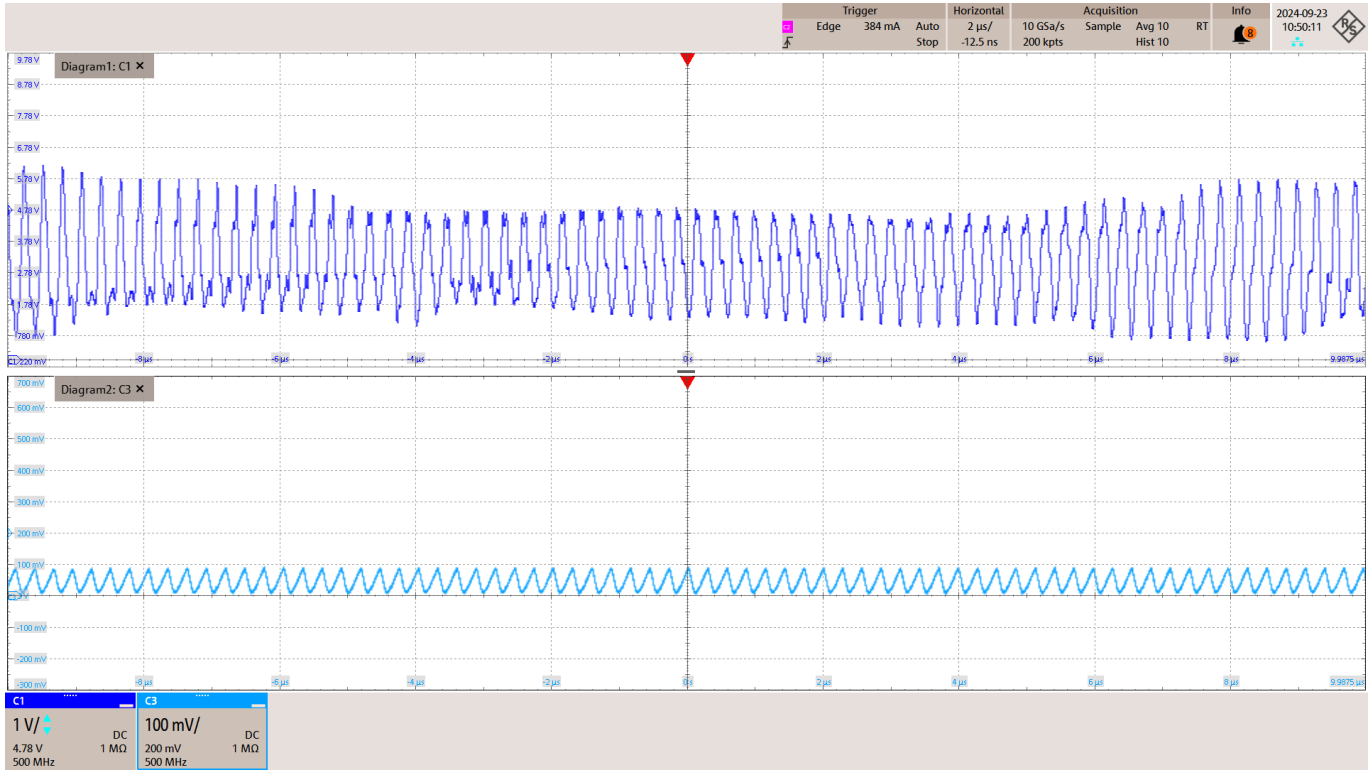
Why Current Injectors Oscillate

J2112A and J2111B

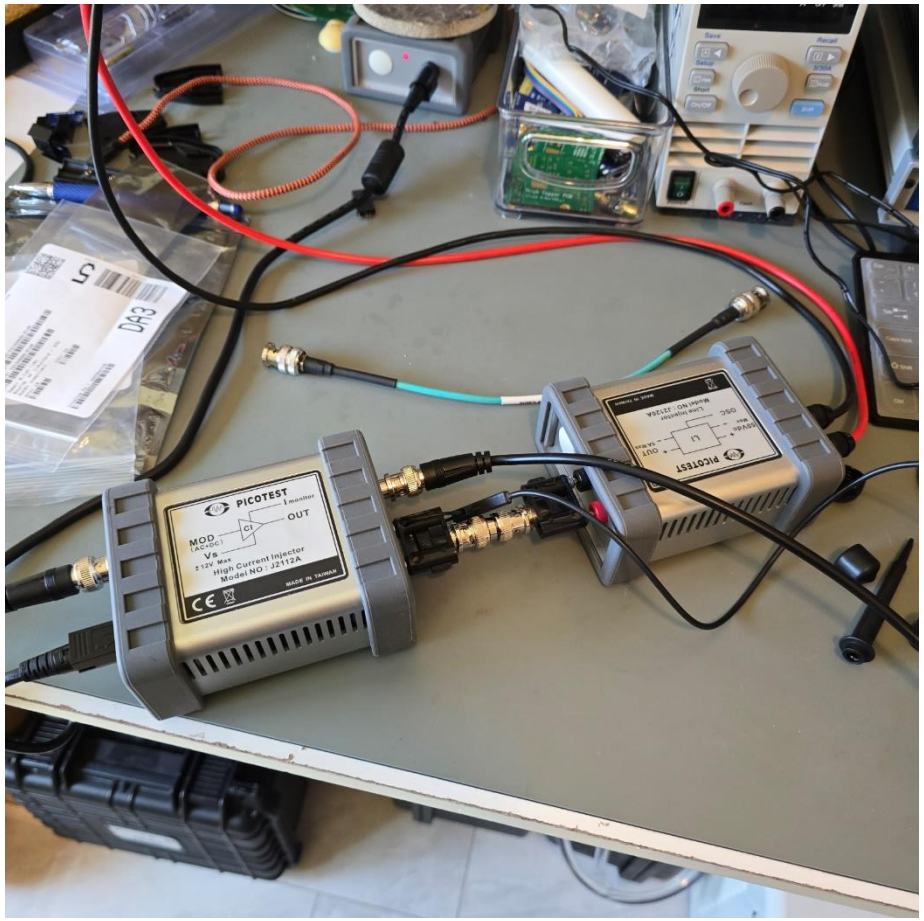
PICOTEST

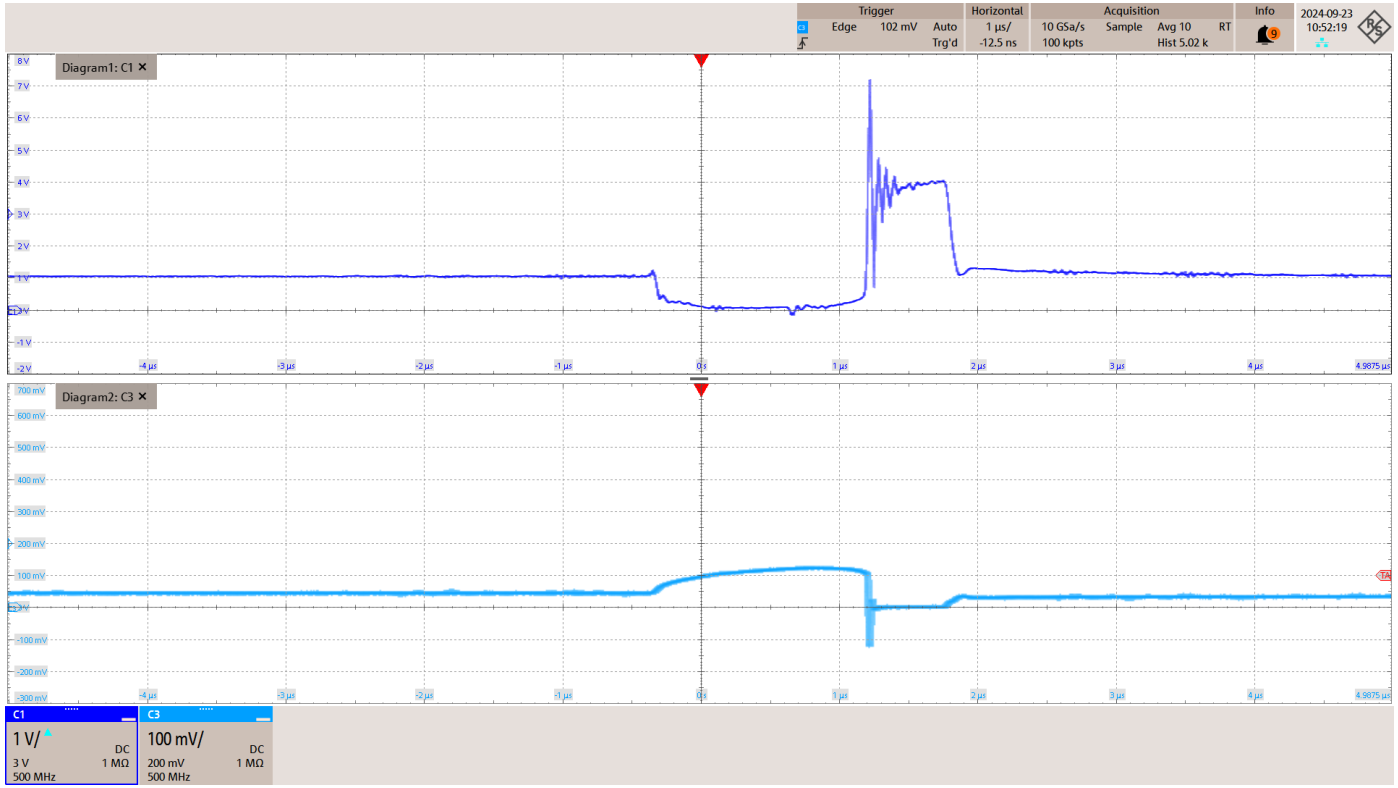
Oscillates with short 0.5m banana cables



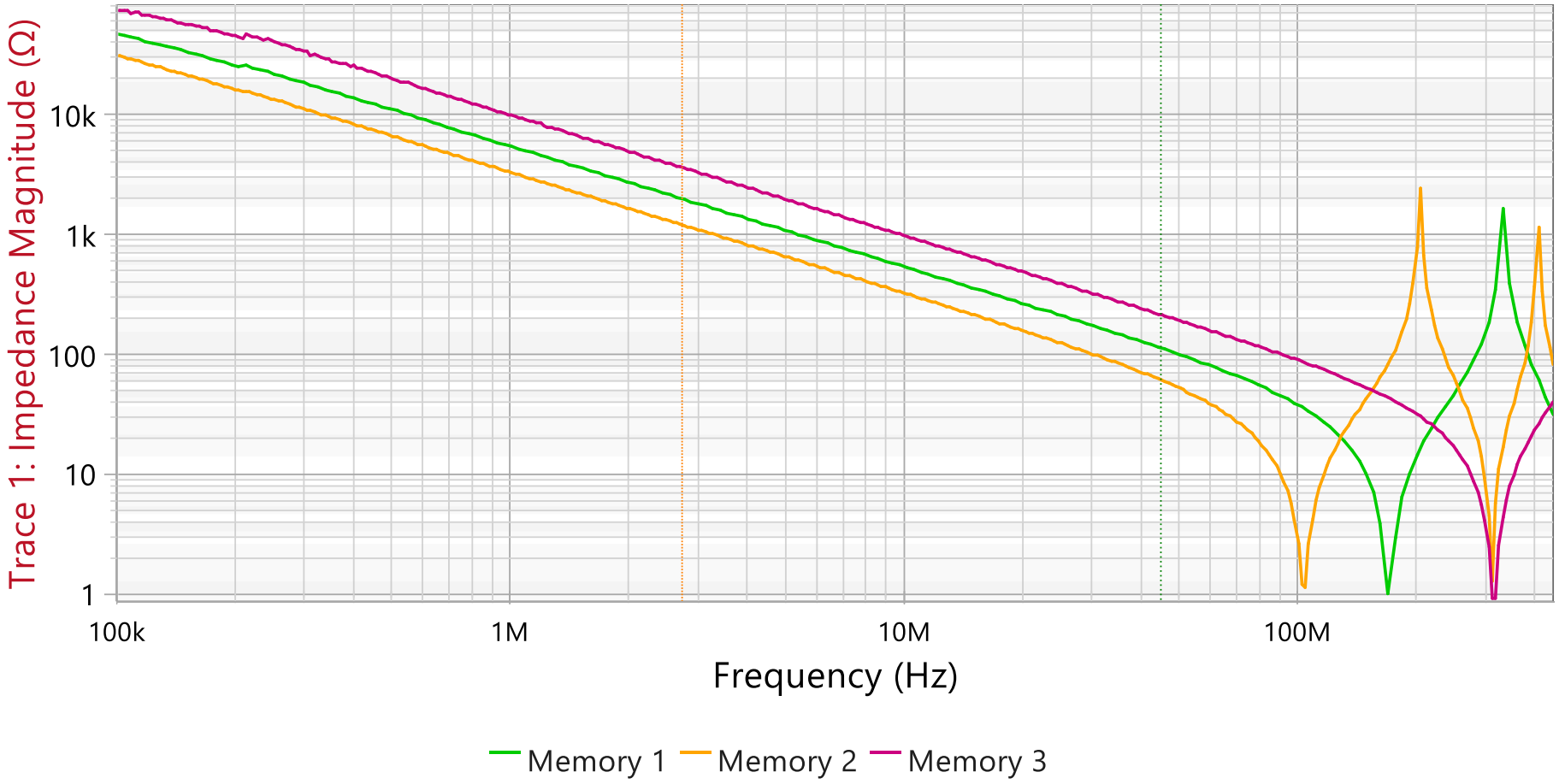


Doesn’t oscillate with short connections and higher resistance source (J2120A)





Short COAX cables ~ 3”, 9” and 18”



Helpful application note and video

App Note: https://www.picotest.com/wp-content/uploads/2024/03/New_Injector_Supports_Testing_of_POLs.pdf

Video: https://youtu.be/8y3sLAF-XlM



In most cases the S10 or S50 probes are much better choices, since that manages the interconnect parasitics much better, operates to much lower voltage, and doesn't have a control loop.

So it is always stable.

