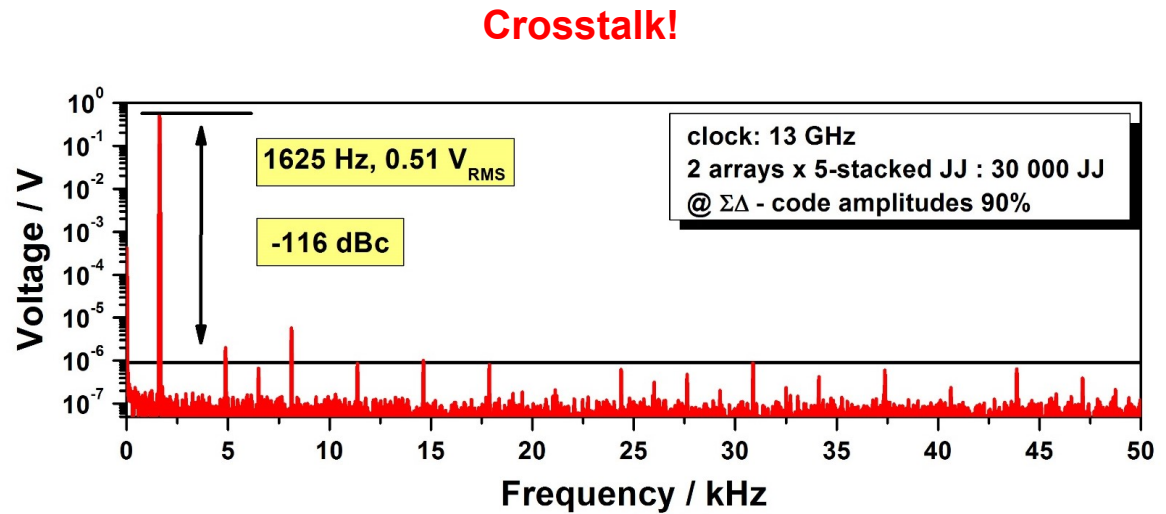
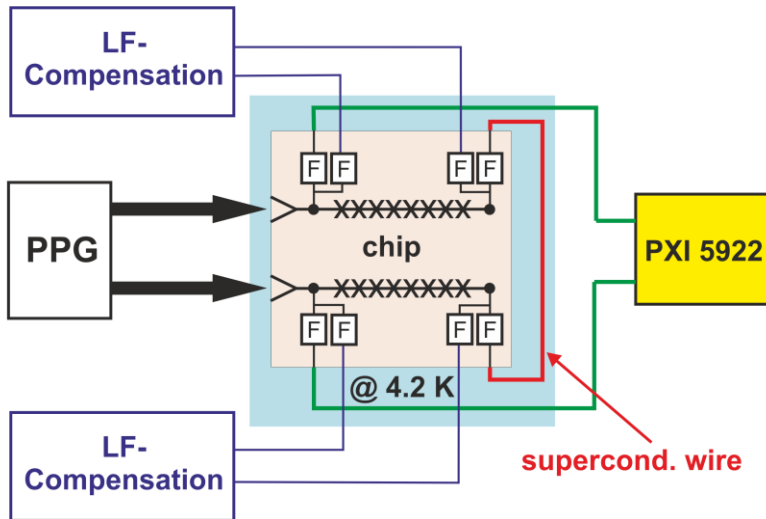


JAWS:

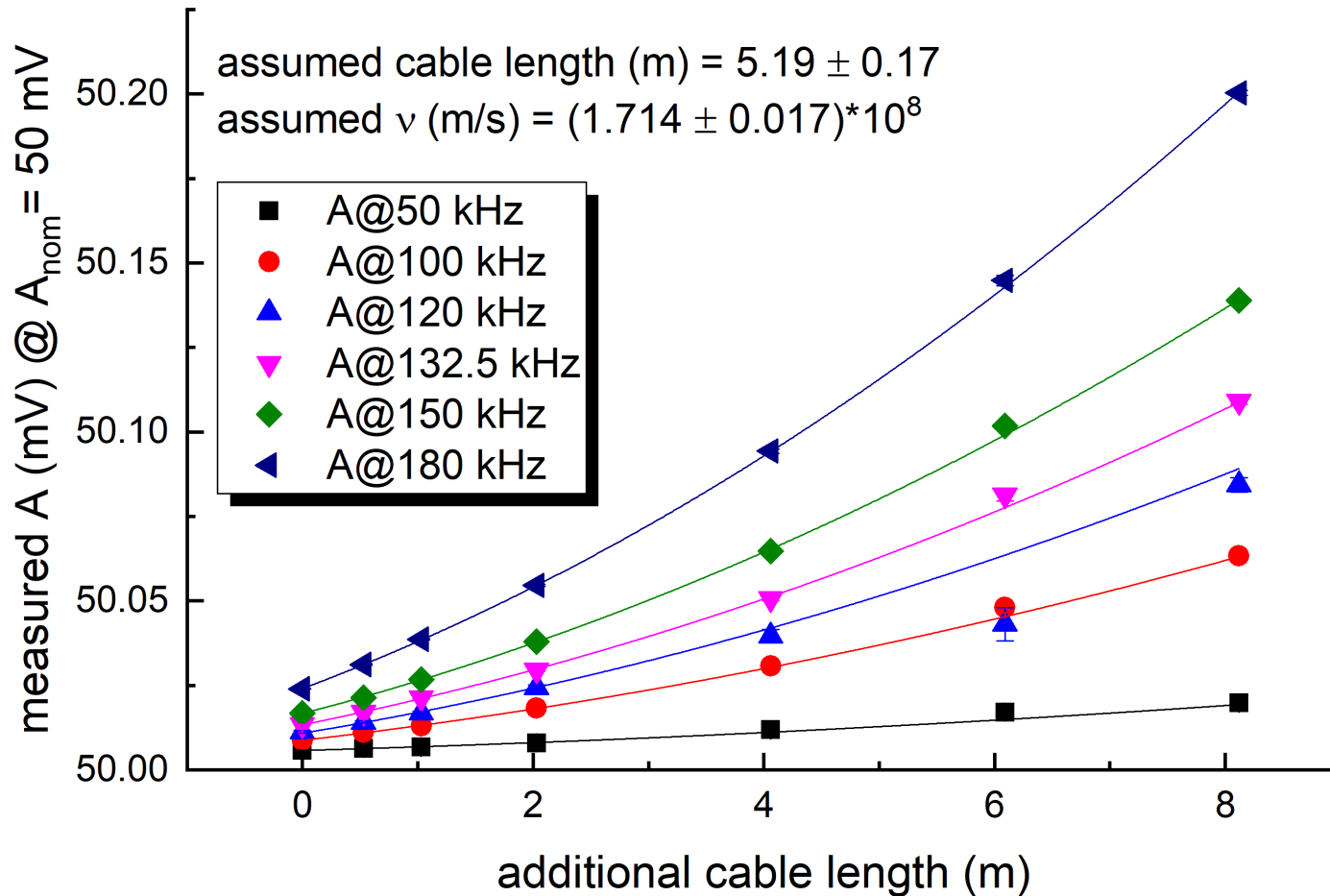
Frequency: DC to 1 MHz yes, but cable correction and inductance of arrays!
 Voltage: 1 V_{rms} yes, but crosstalk!



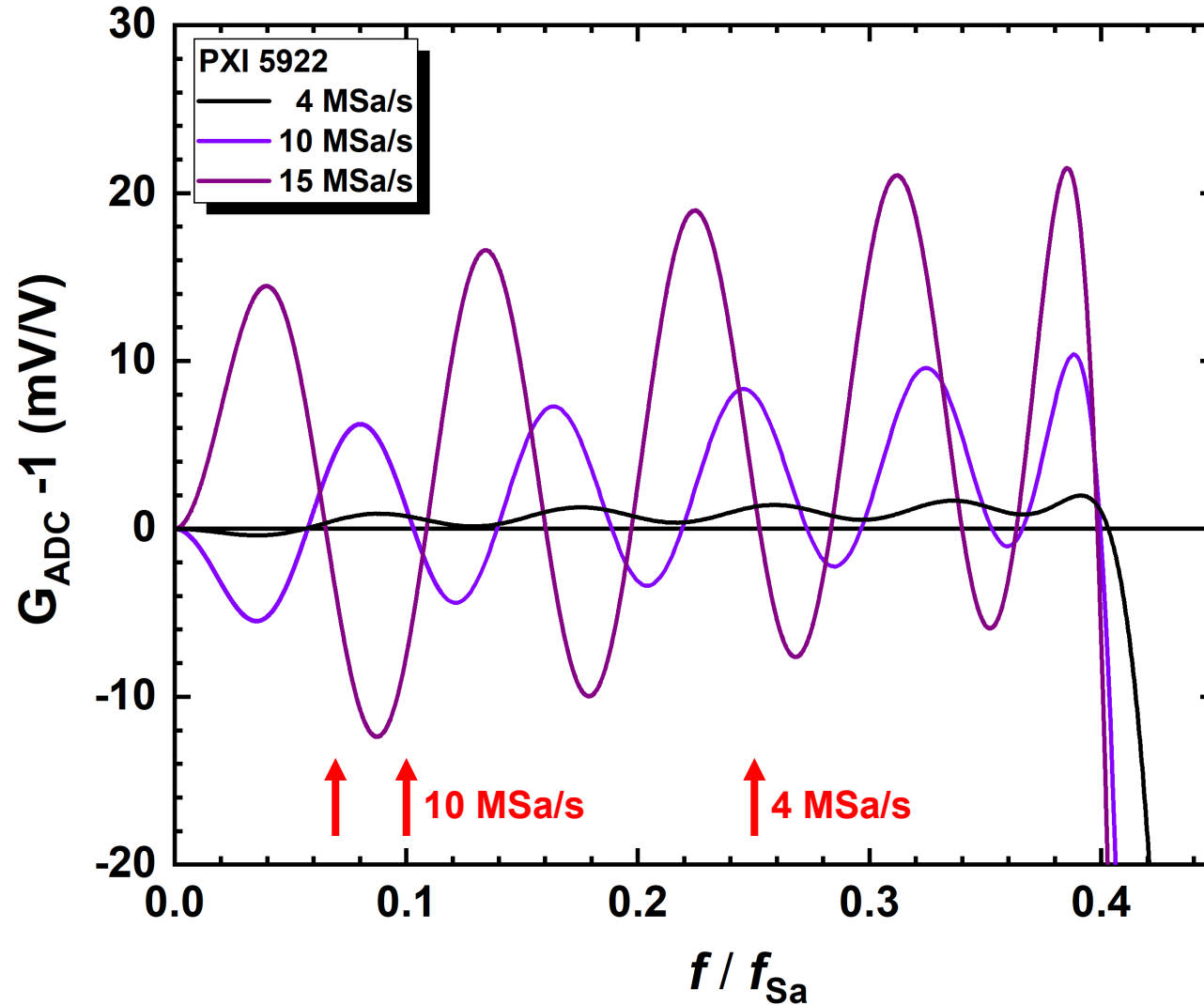
AC-coupling technique:

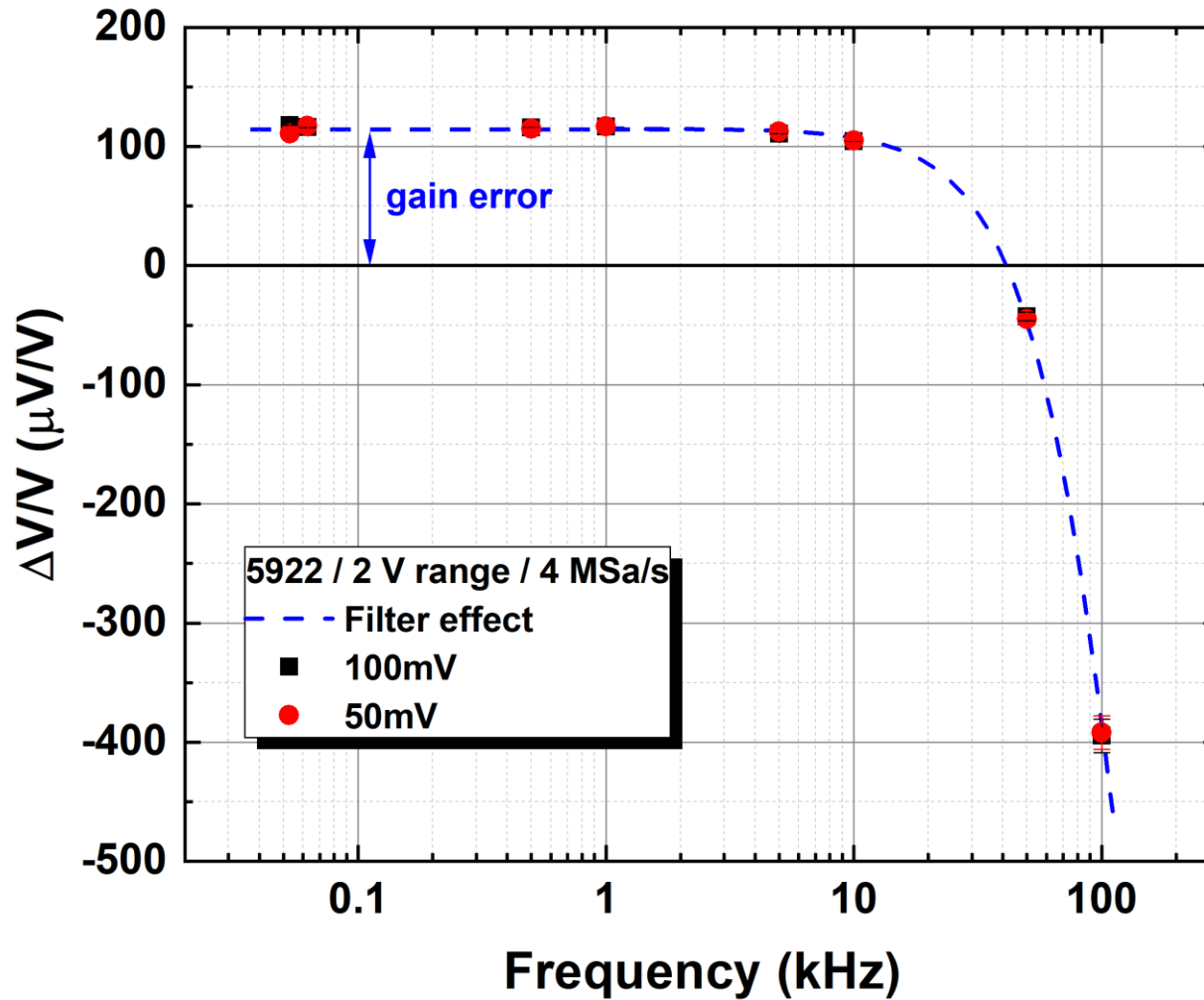
S. P. Benz, et al., *IEEE Trans. Appl. Supercond.* 11, 2001

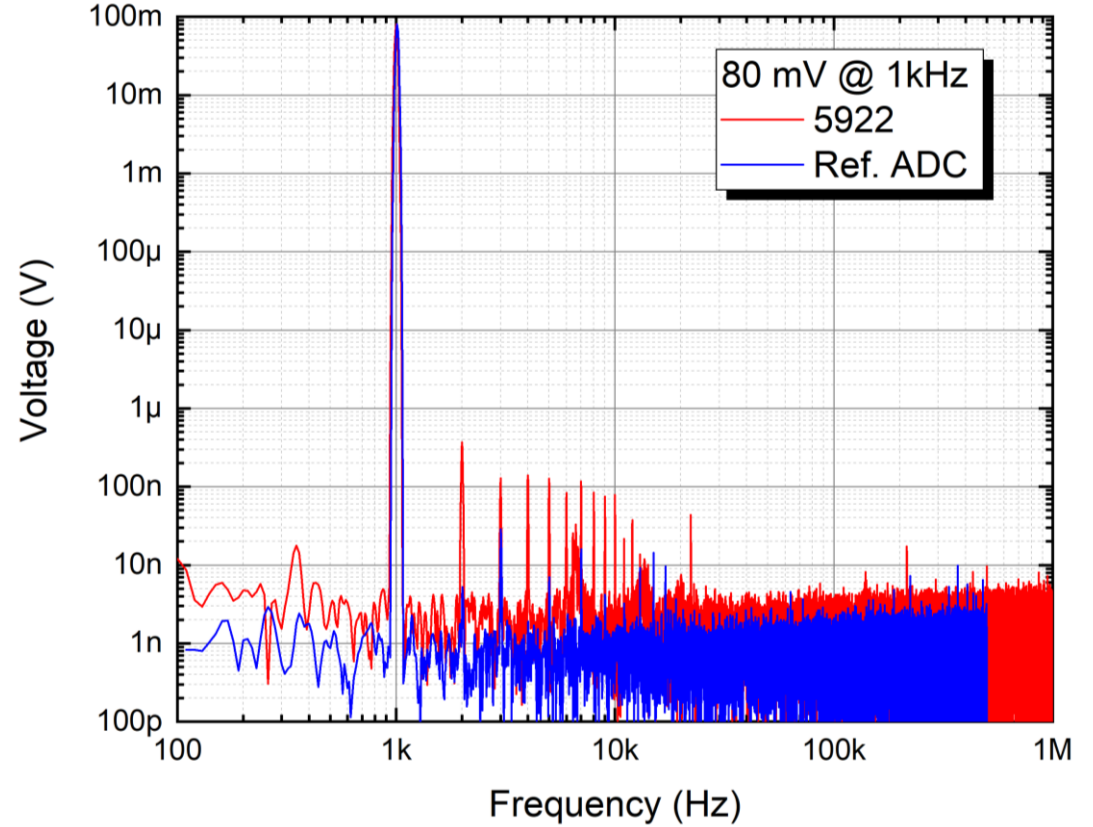
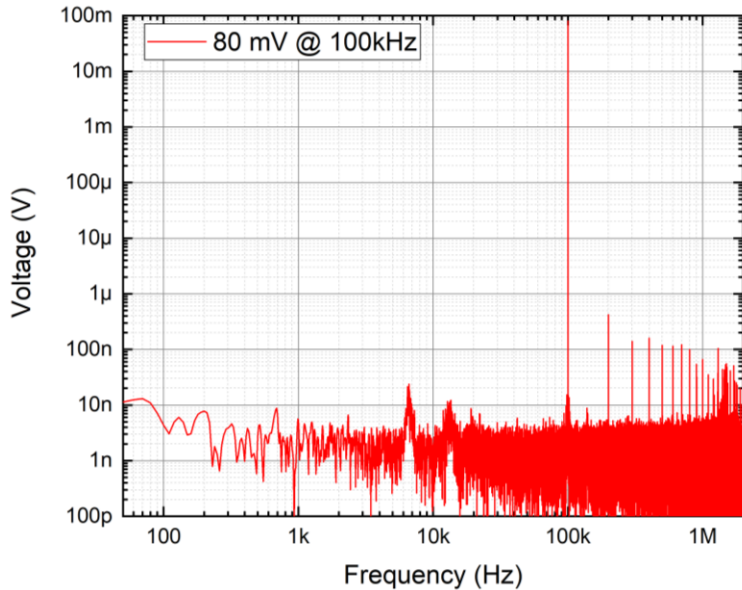
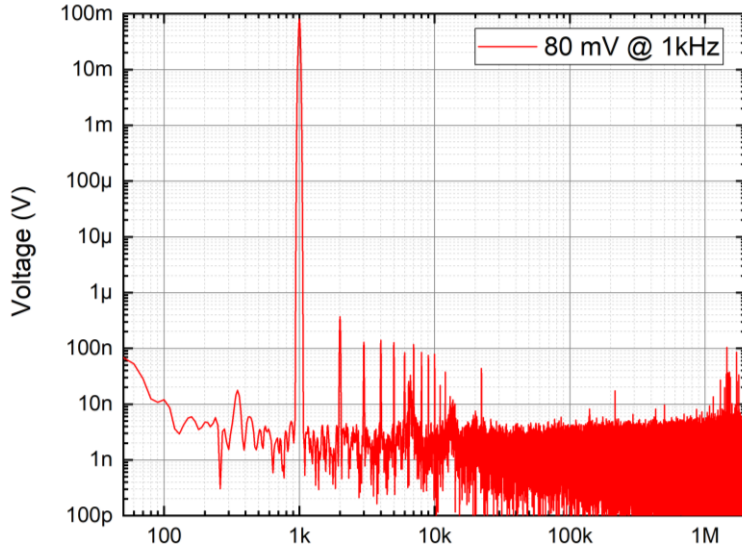
Gleichung	$A \cdot \cos(2 \cdot \pi \cdot f \cdot Z_{C \cdot C_L}) / \cos(2 \cdot \pi \cdot f / \nu \cdot (x + L + (\nu \cdot Z_{C \cdot C_L})))$					
Zeichen	A@50 kHz					
A	50.0029m ± 157.4285n	49.9973m ± 491.1175n	49.9944m ± 755.7908n	49.9932m ± 854.3390n	49.9909m ± 1.0984μ	49.9869m ± 1.5705μ
f	50000 ± 0	100000 ± 0	120000 ± 0	132500 ± 0	150000 ± 0	180000 ± 0
ν*	1.71351E8 ± 1657311.6340	1.71351E8 ± 1657311.6	1.71351E8 ± 1657311.6	1.71351E8 ± 1657311.6	1.71351E8 ± 1657311.6	1.71351E8 ± 1657311.6
L*	5.19449 ± 0.16696	5.19449 ± 0.16696	5.19449 ± 0.16696	5.19449 ± 0.16696	5.19449 ± 0.16696	5.19449 ± 0.16696
R-Quadrat(COD)*	0.99978					

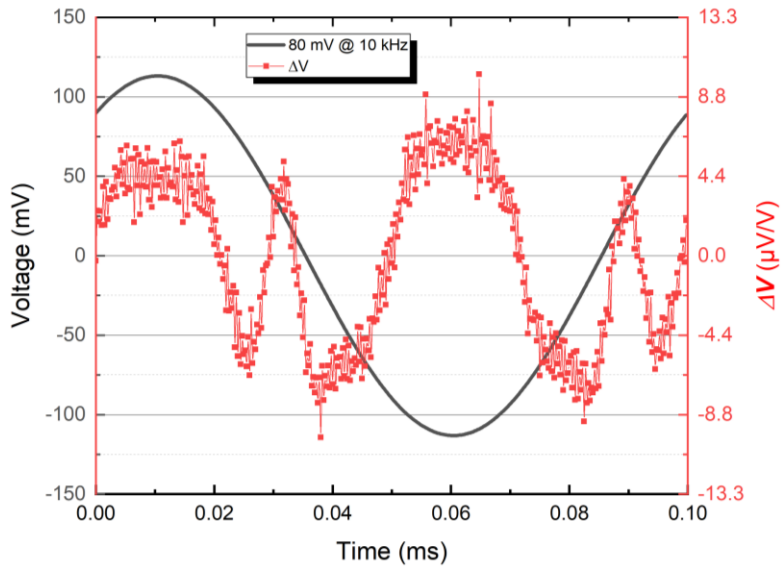
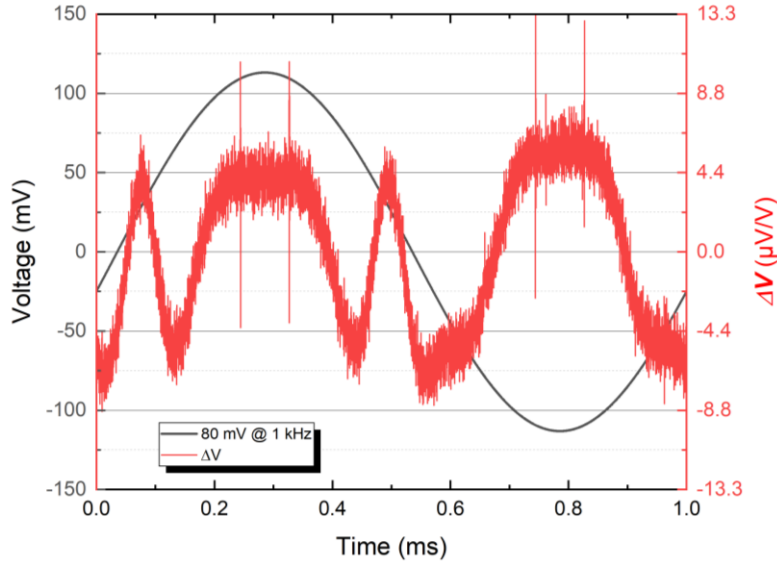


H. E. van den Brom et al.
 "AC–DC Calibrations With a Pulse-Driven AC Josephson Voltage Standard Operated in a Small Cryostat,"
IEEE Instrum. Meas. 66,
 pp. 1391-1396, June 2017
 doi: 10.1109/TIM.2017.2662381

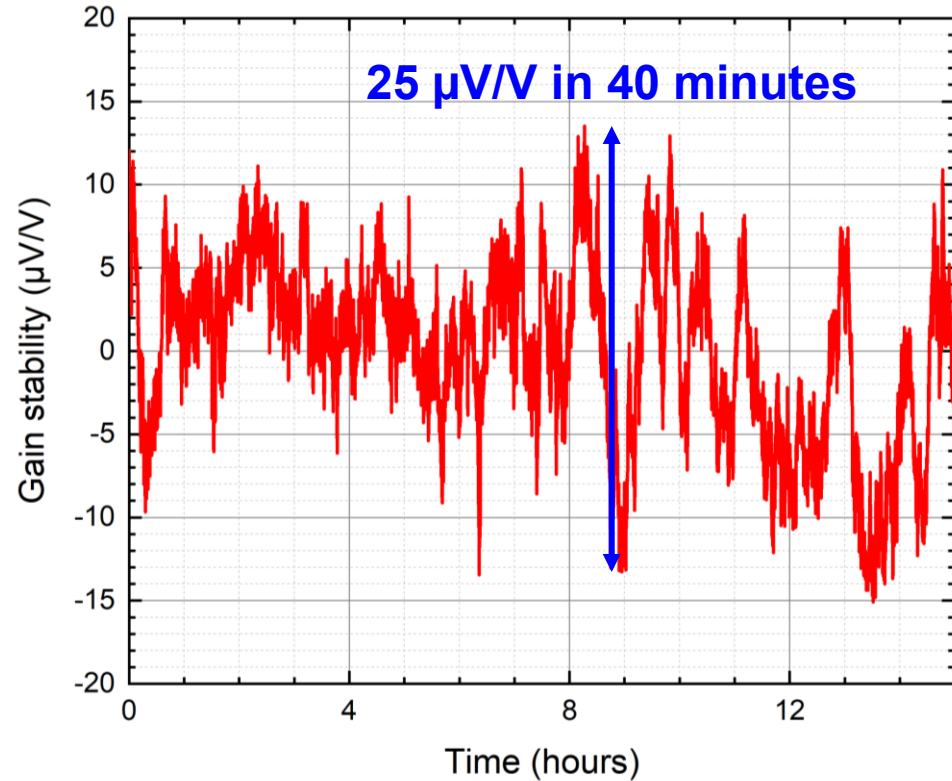








5922 @ 80 mV and 100 kHz



How to use the 5922 for scaling?