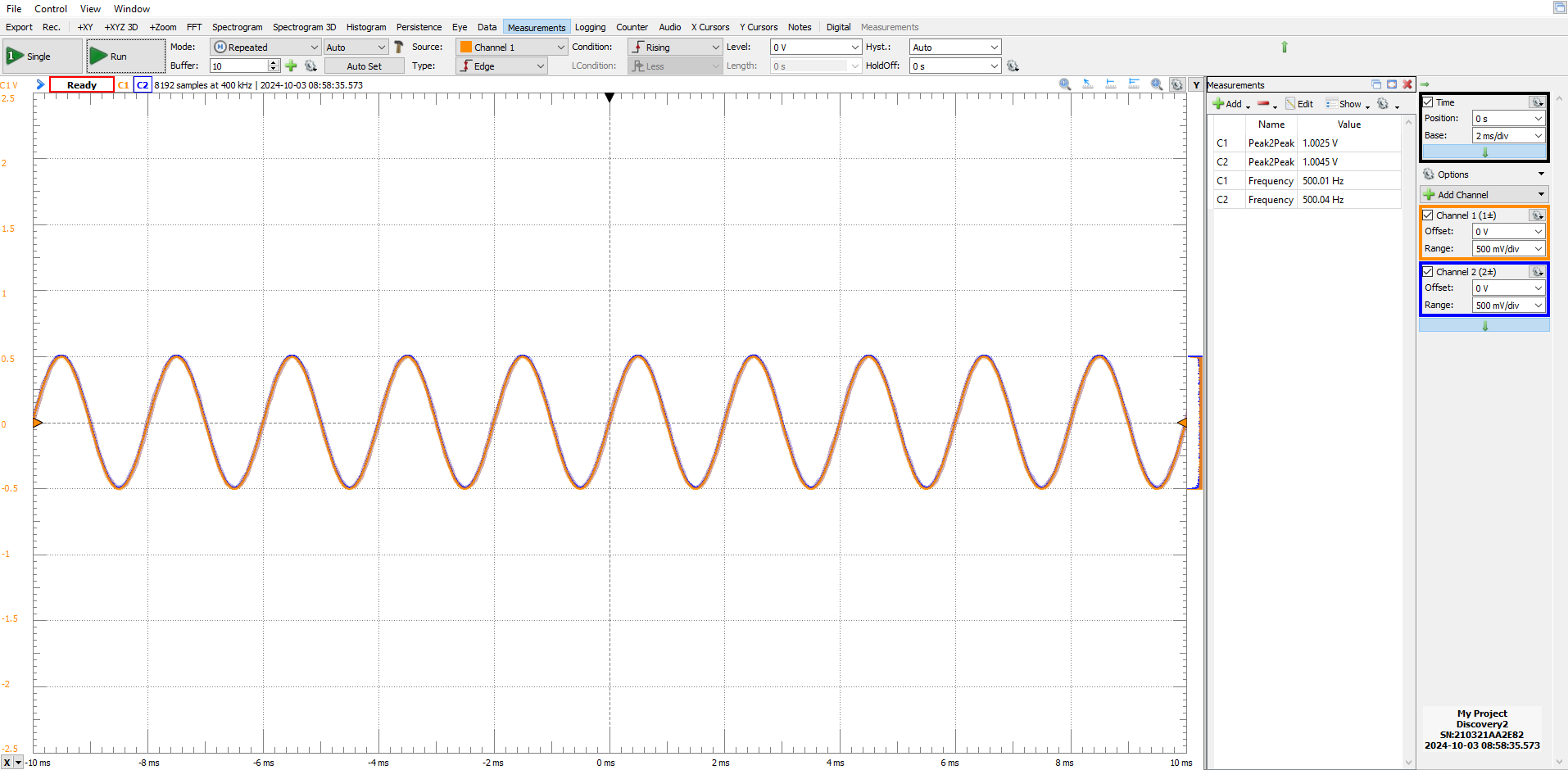
Iref = 202 uA

Vref = 202mV

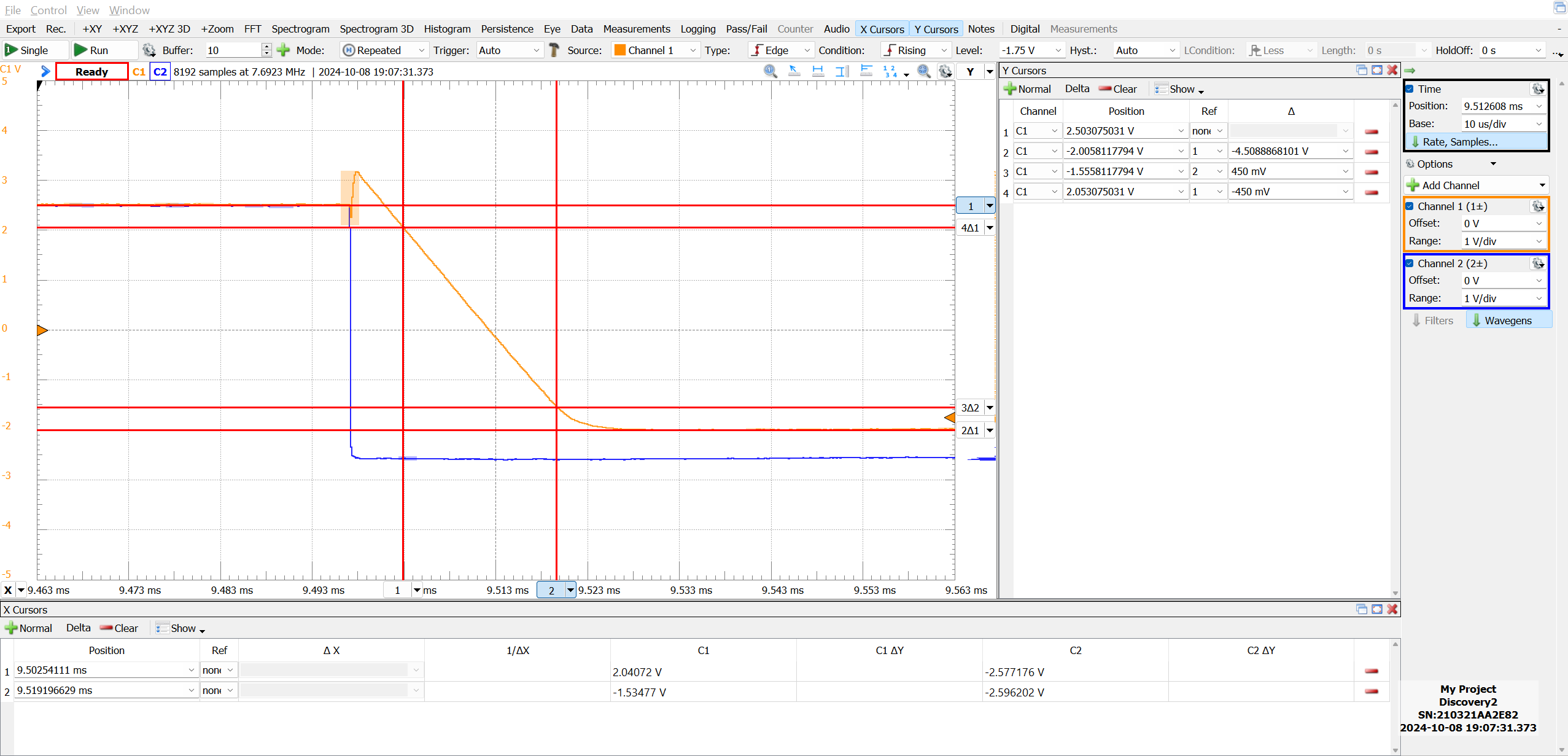
Screebsghot

Ideal opamp since signals match and it is just a buffer circuit

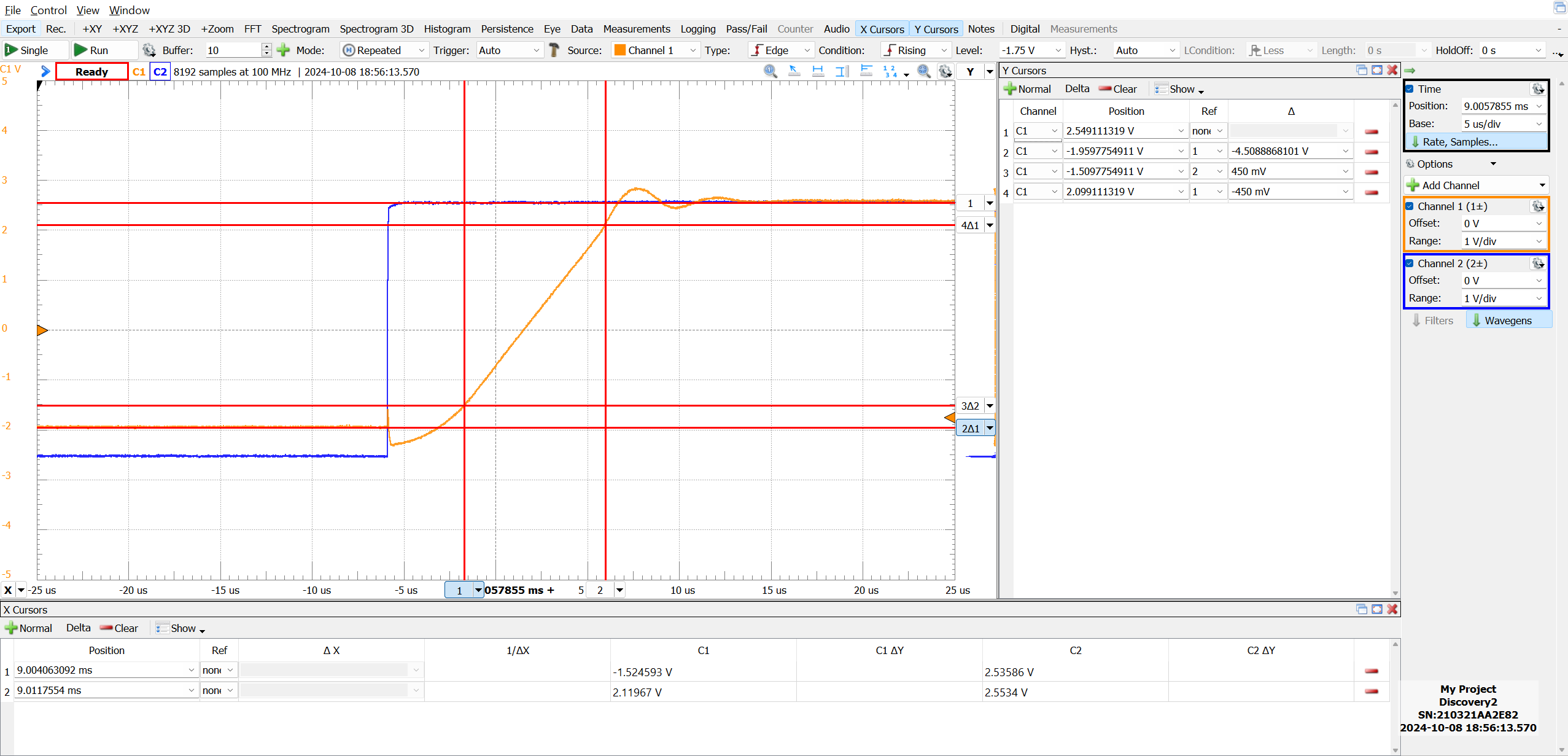
7.1.1



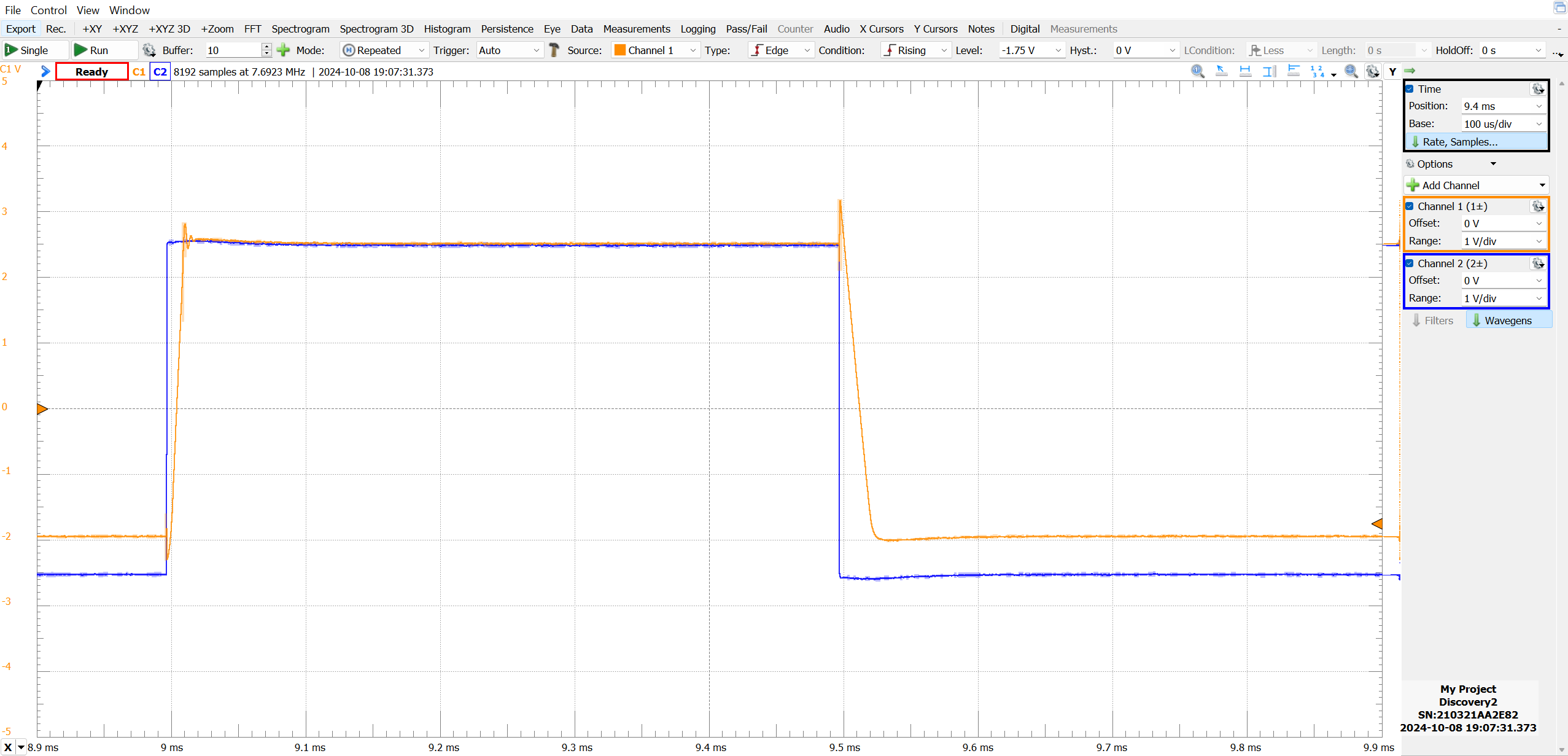
7.1.2 (falling) (channels swapped)



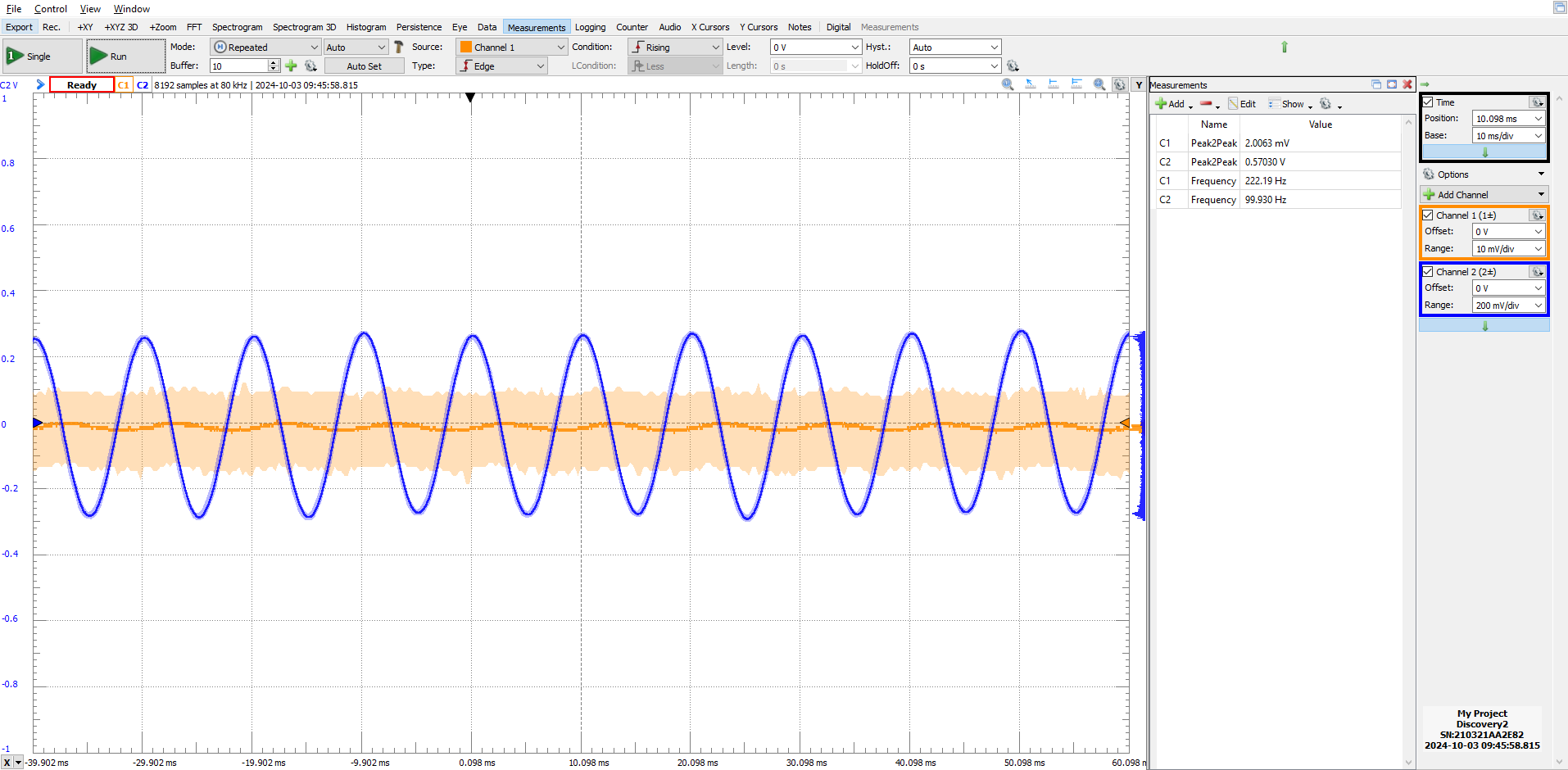
7.1.2 (channels swapped)

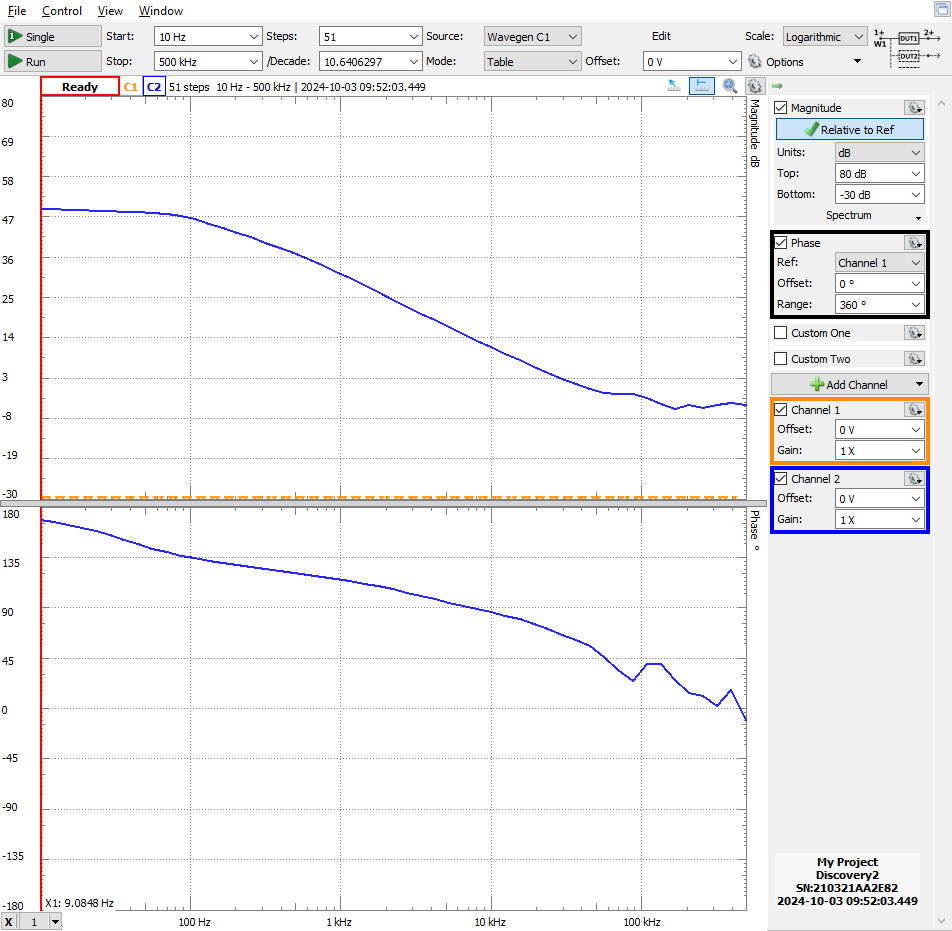
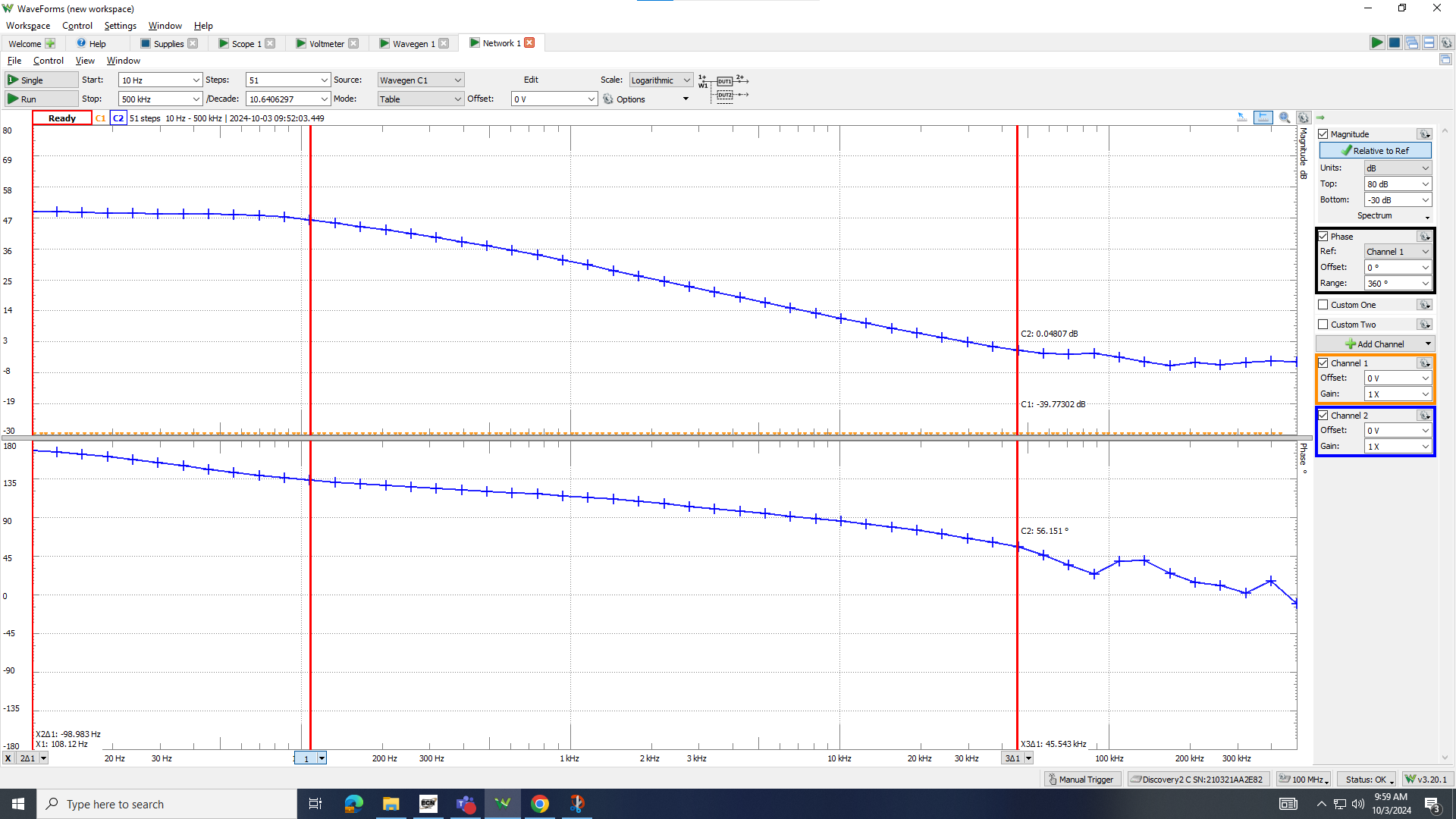
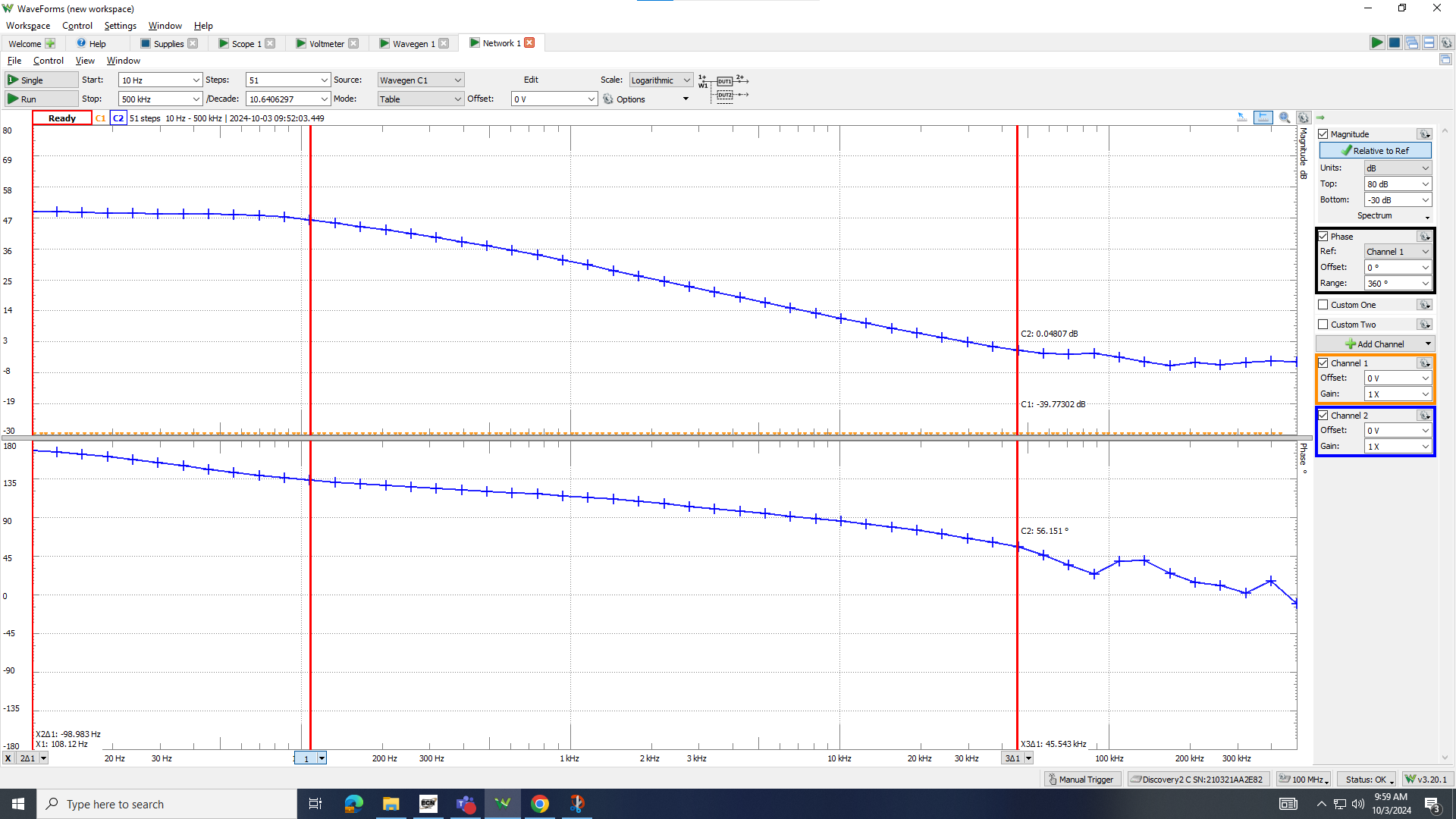
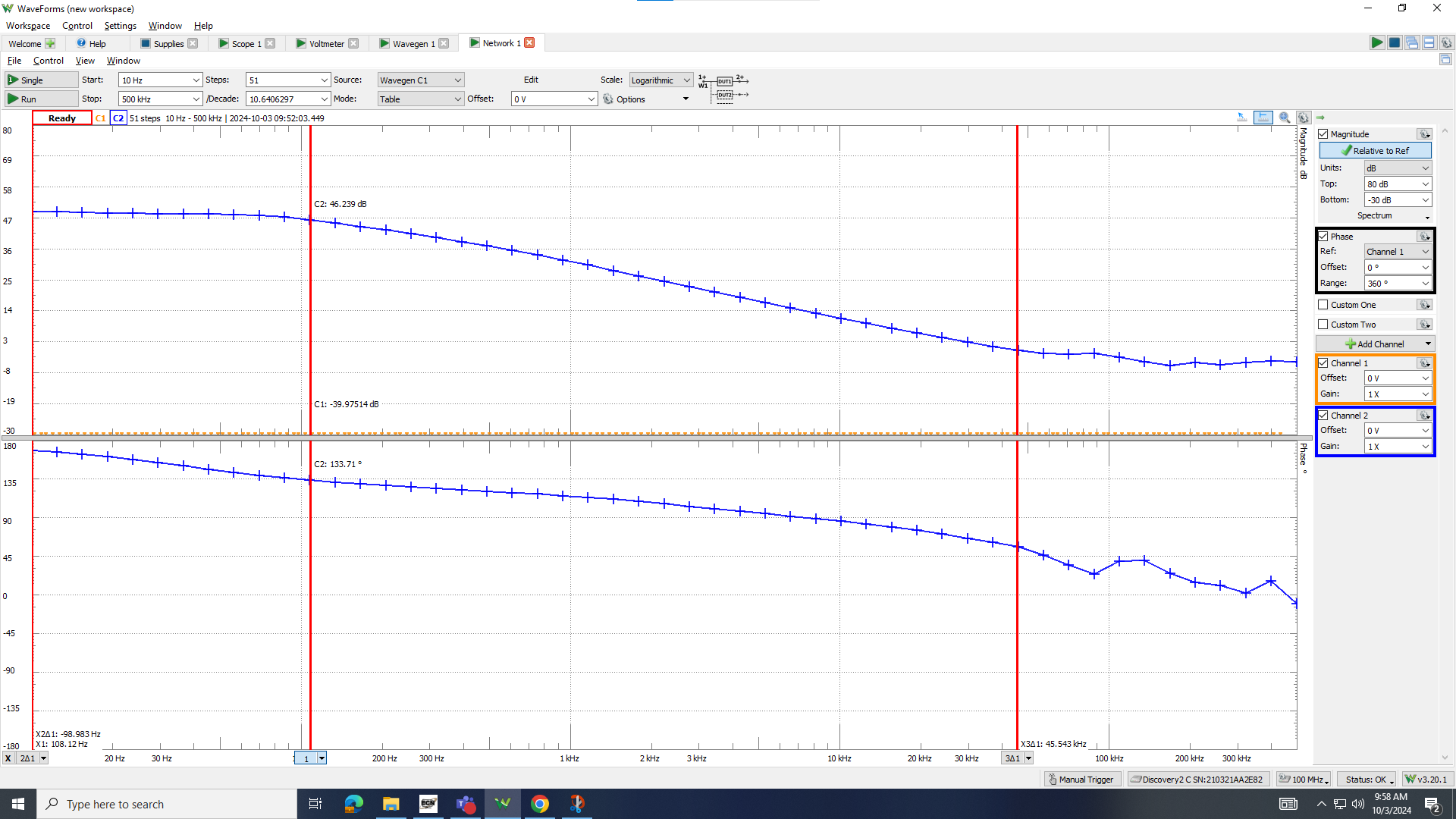
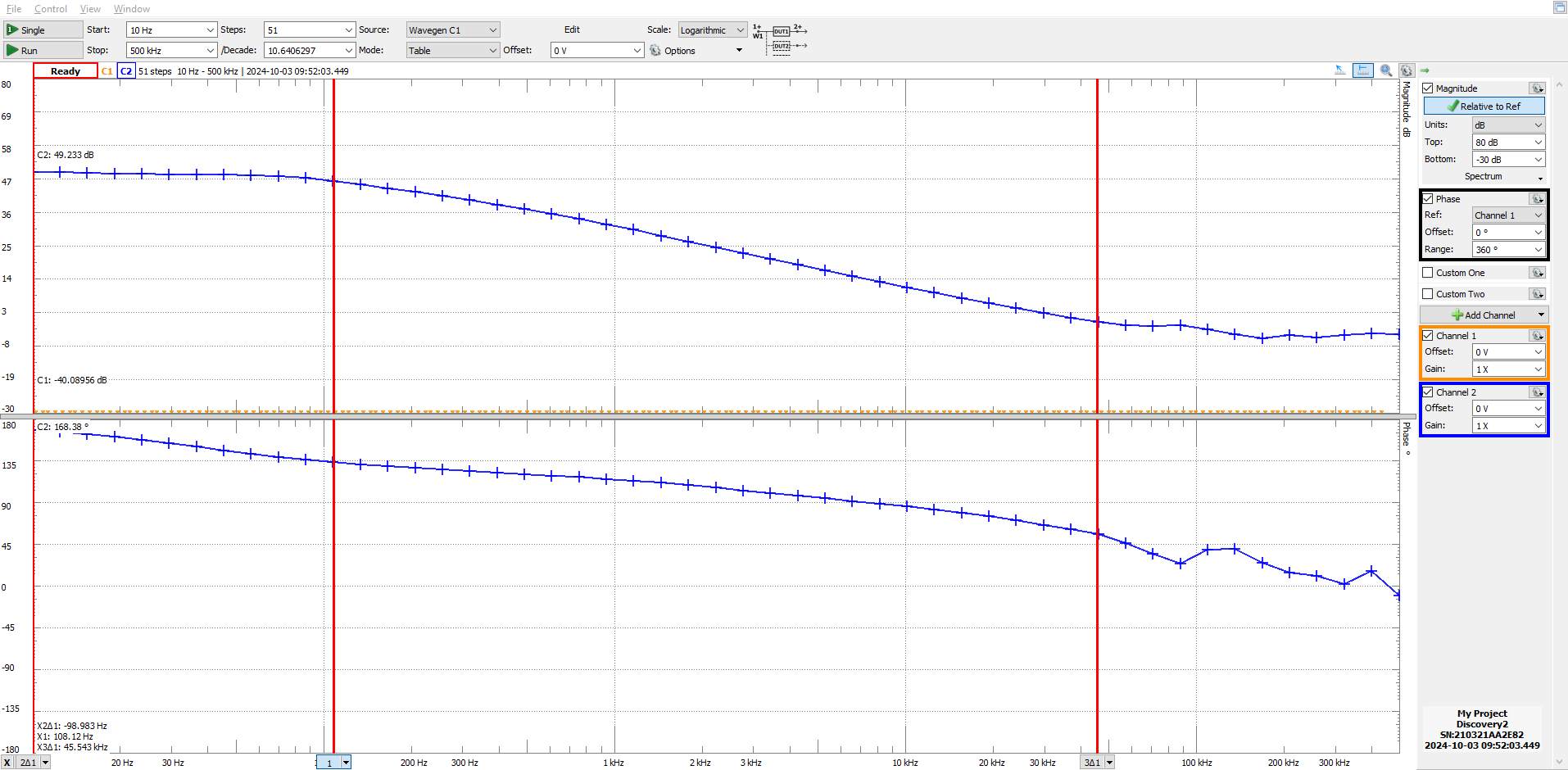


7.1.2 (channels swapped)



3.



6channel 1 is gain, channel 2 is frequency

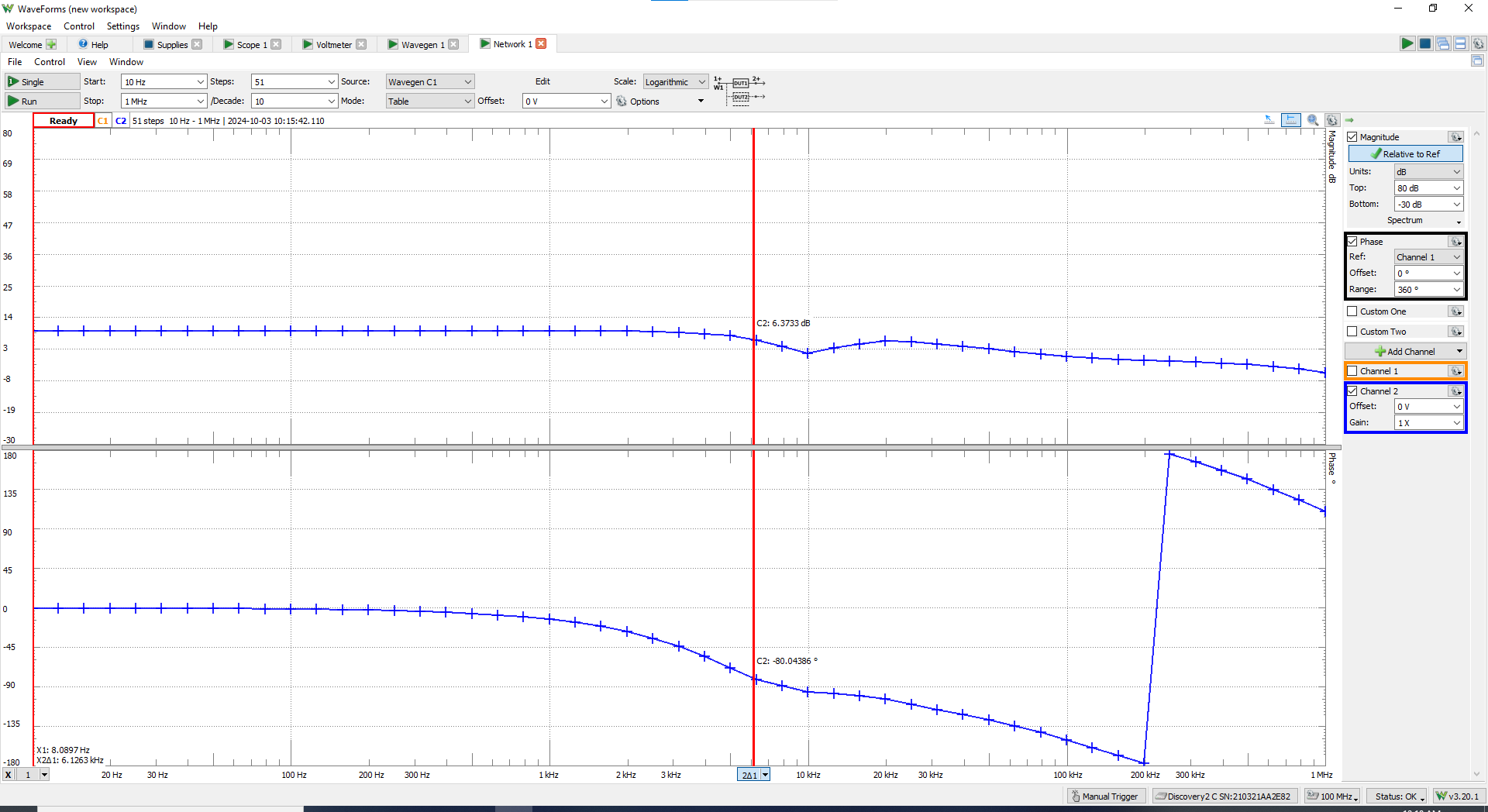
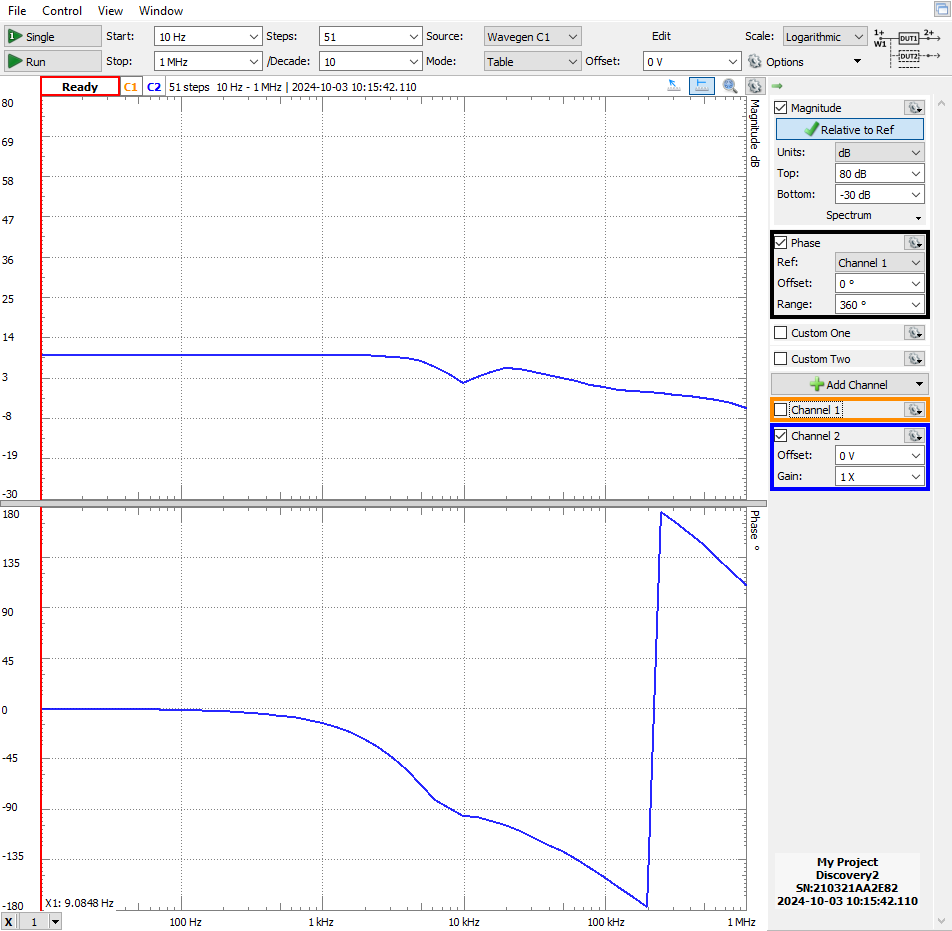
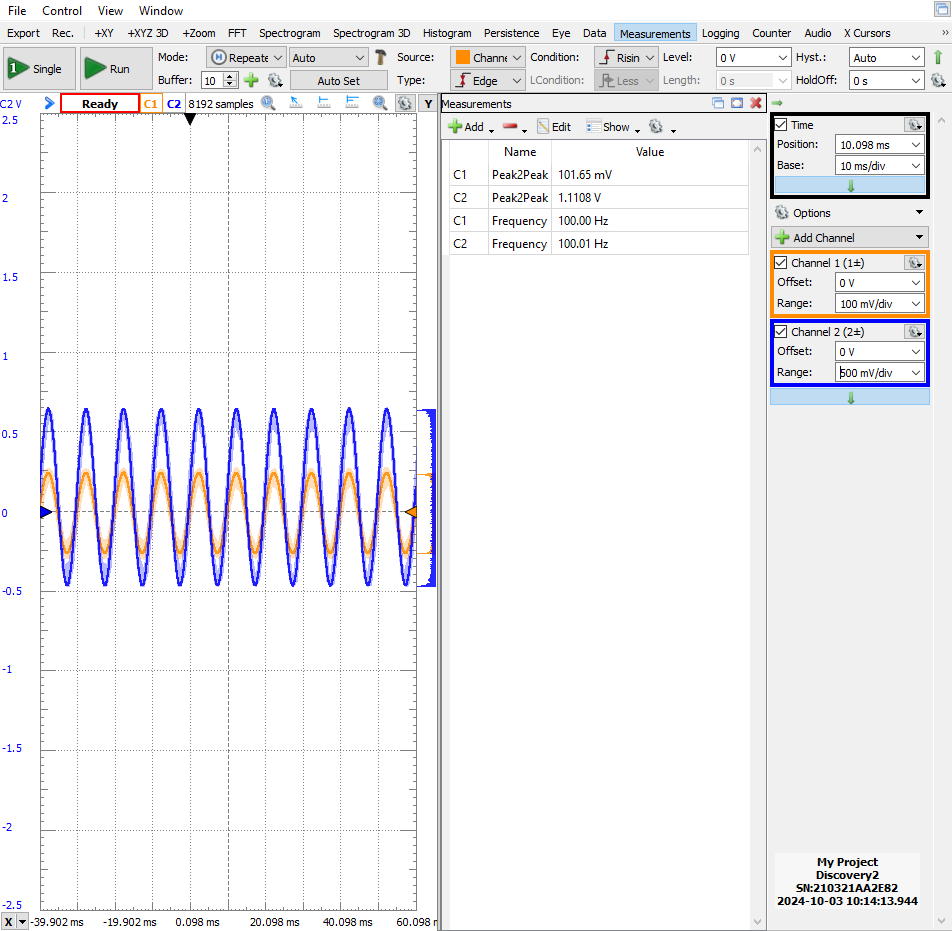
-3 dB: 108.12 Hz, 133.71

0 dB: 45641.983 Hz, 56.151 deg

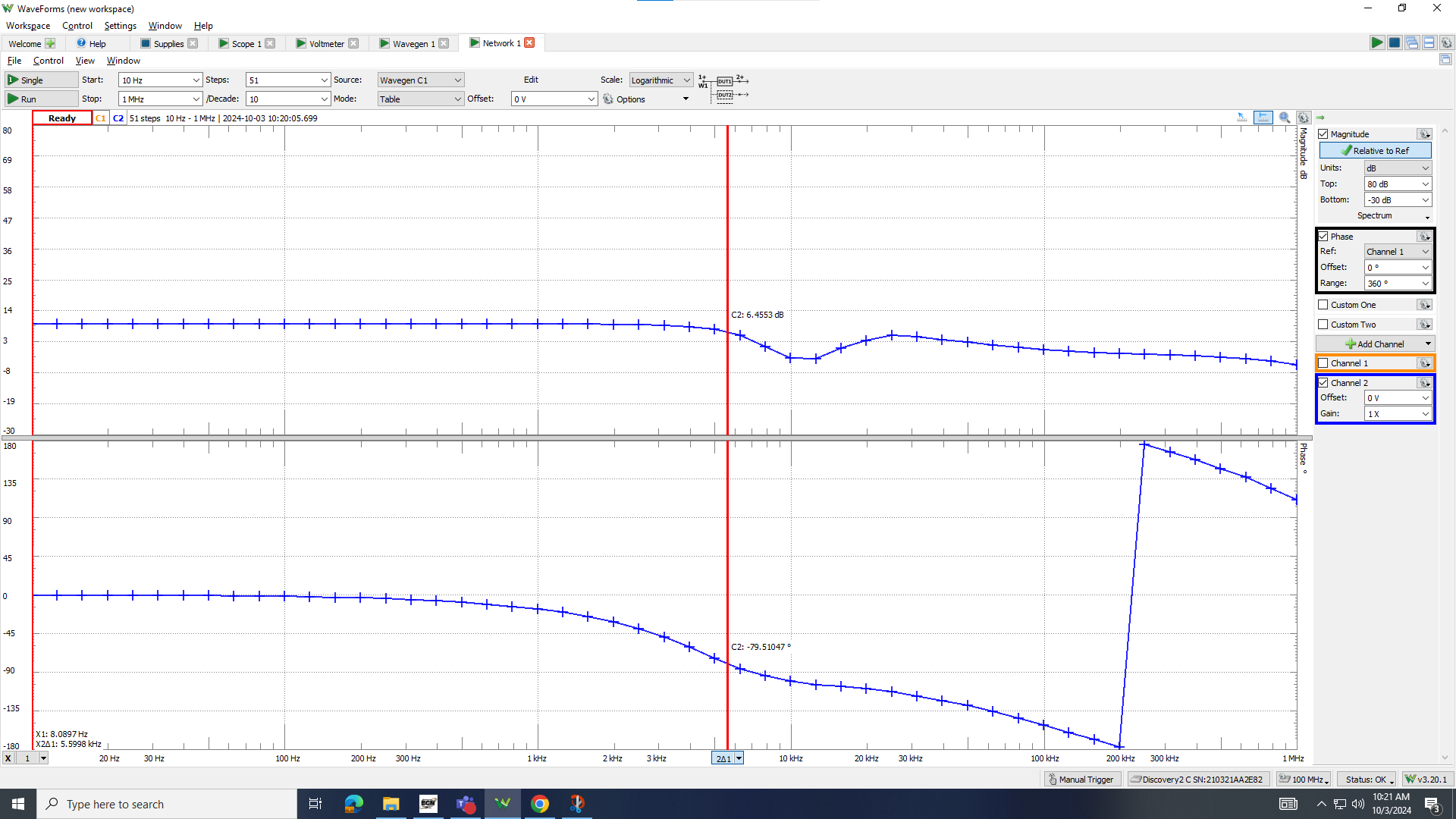
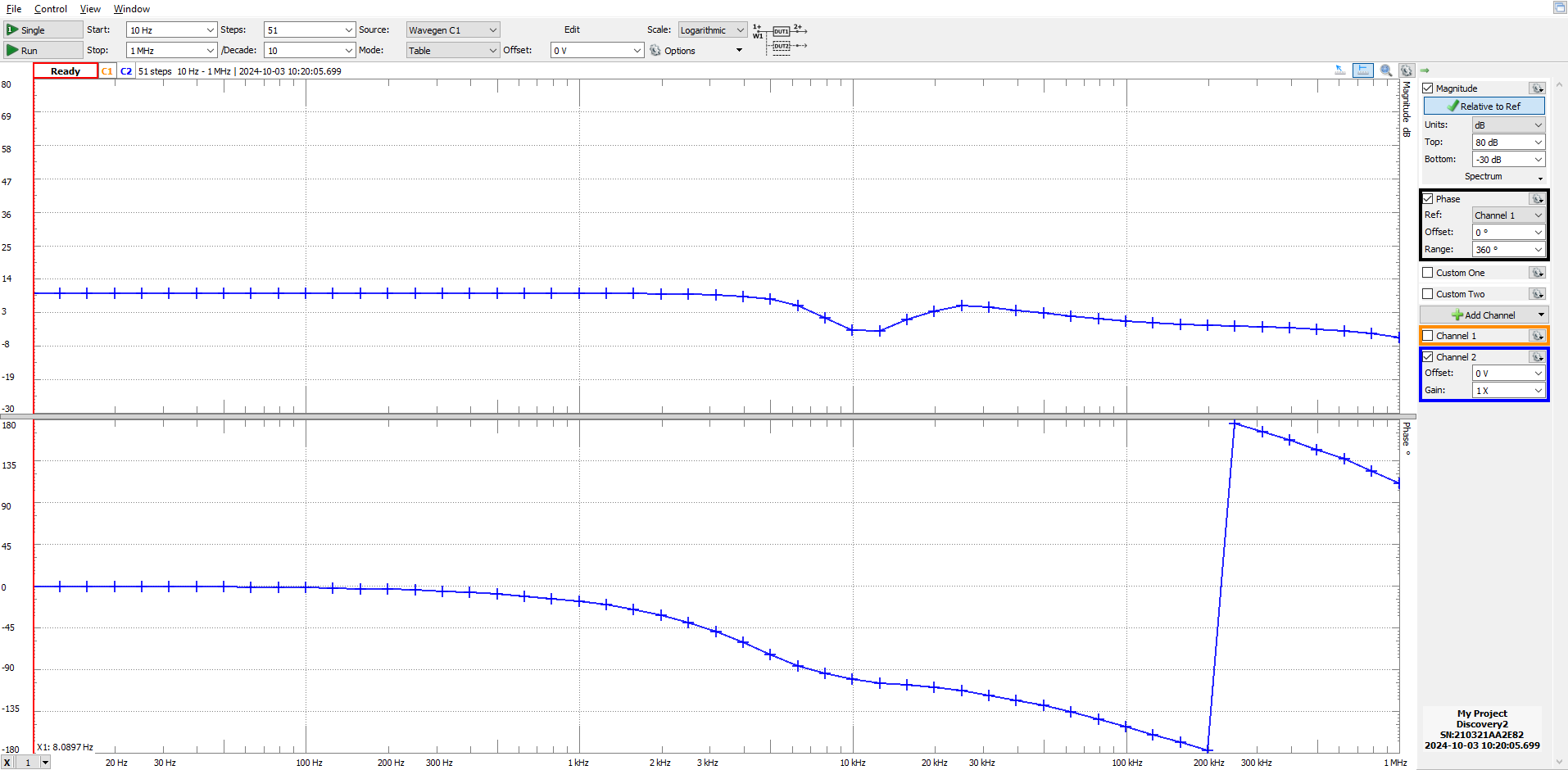
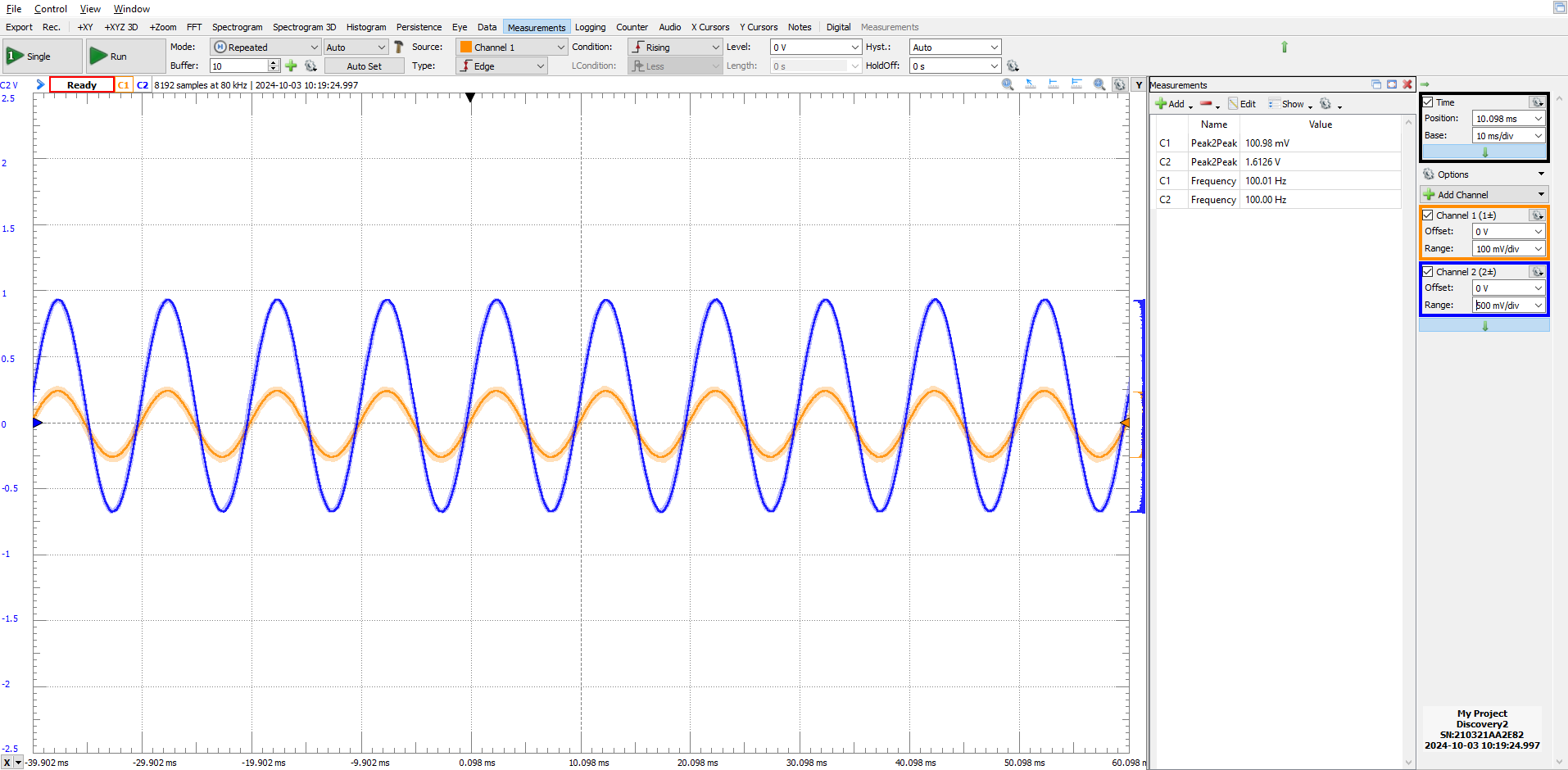
4.

a. expected gain is 1 + (R2/10k)

100k



150k



220k

