

Capacitance

1st coil (a,a1) to core is 462pF

2nd coil (c,c1) to core is 335pF

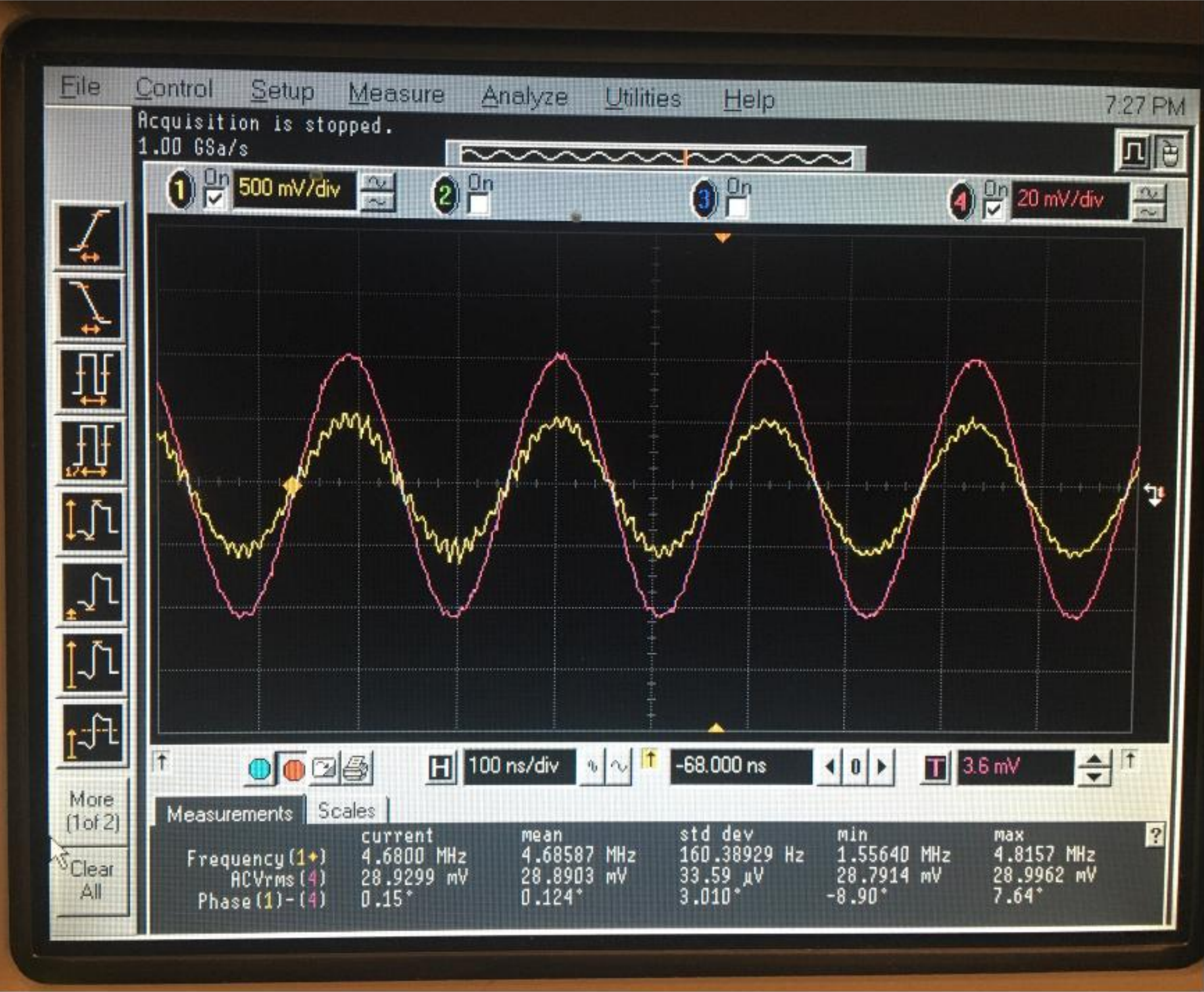
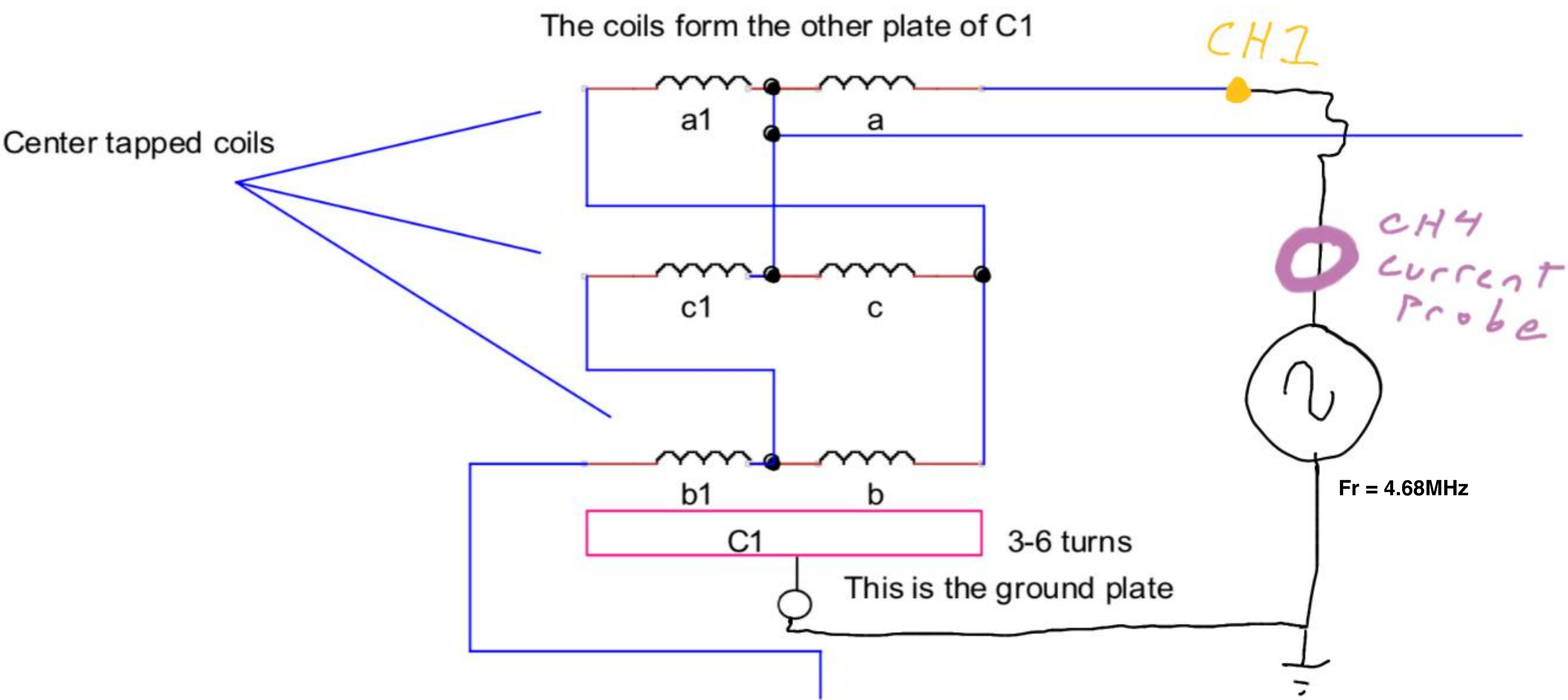
3rd coil (b,b1) to core is 235pF

Inductance from A & C to B drain

A = 43uH

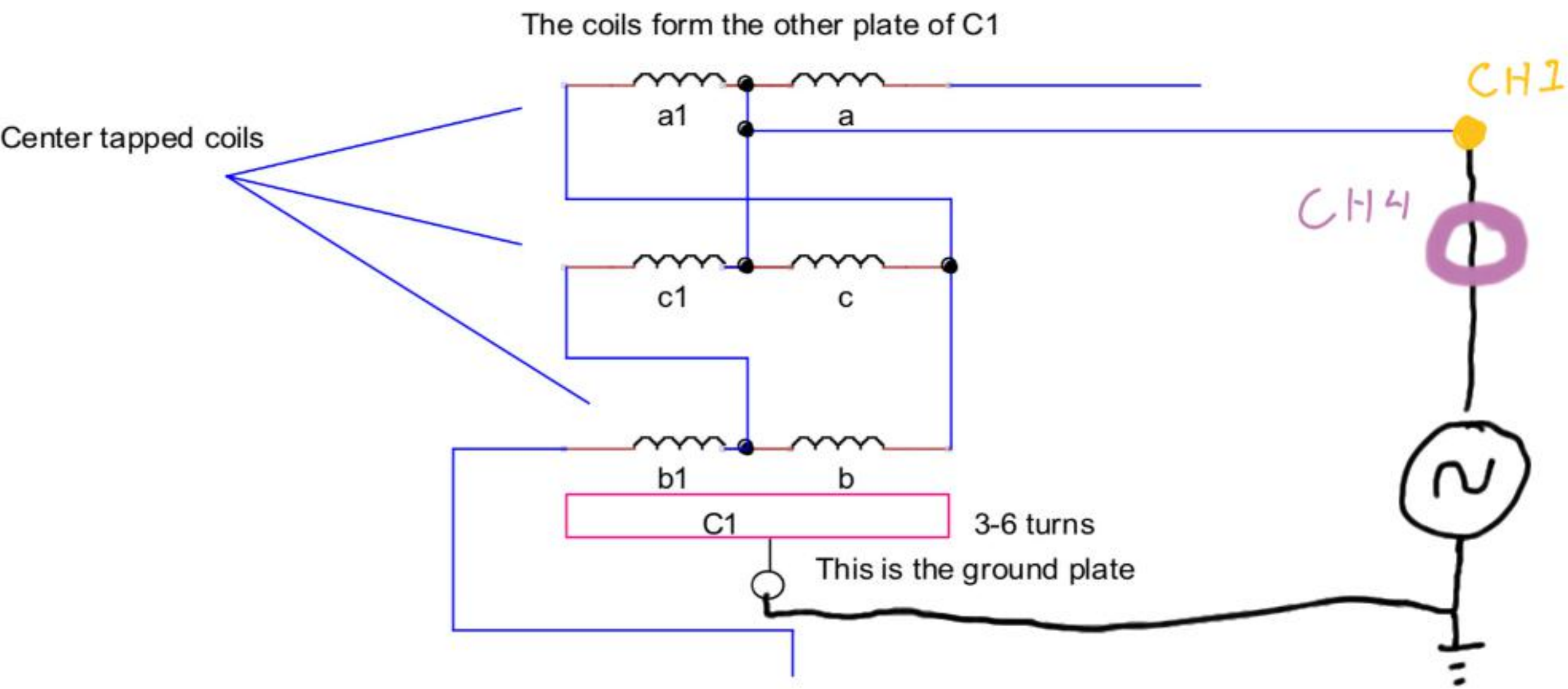
B=38uH

Resonance Test 1A - Phase A to GND

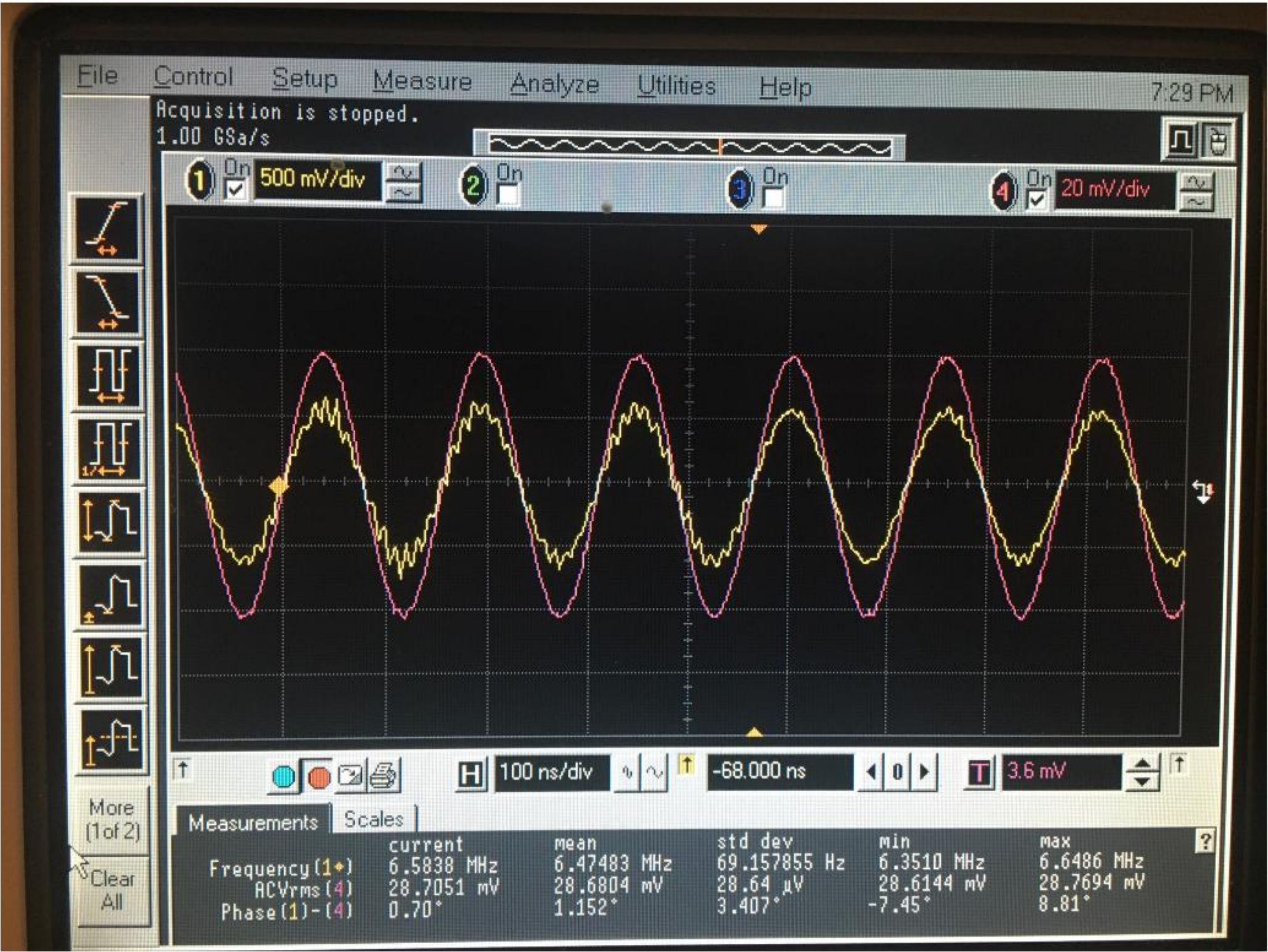


Wave riding SG CH1 is up around 90 MHz. I've yet to determine the origin.

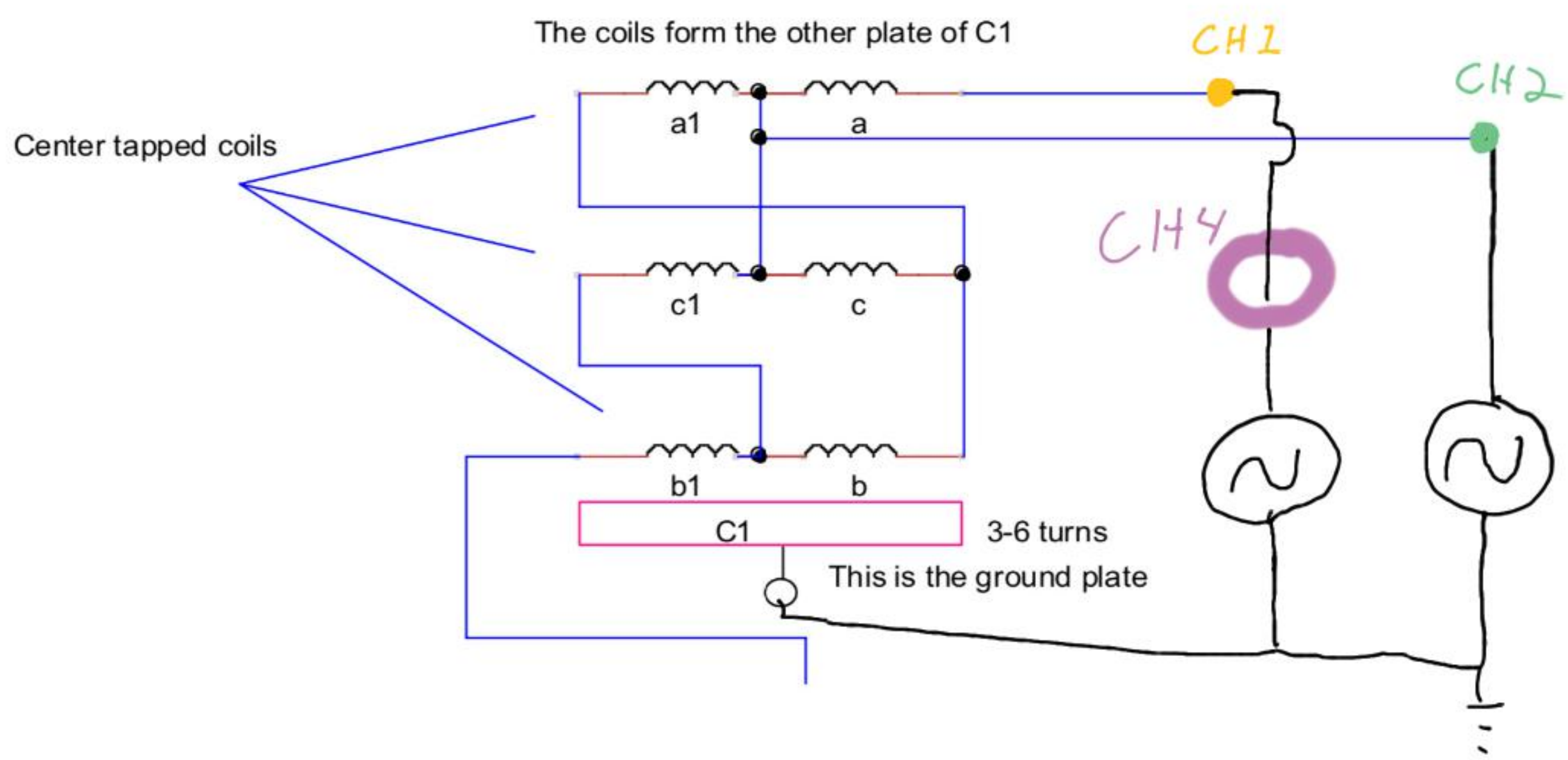
Resonance Test 1C - Phase C to GND



Fr = 6.58MHz



Phase Test 1A.1 - Both A and C are driven at Resonance Test 1A Resonant Frequency.



F = 4.69MHz

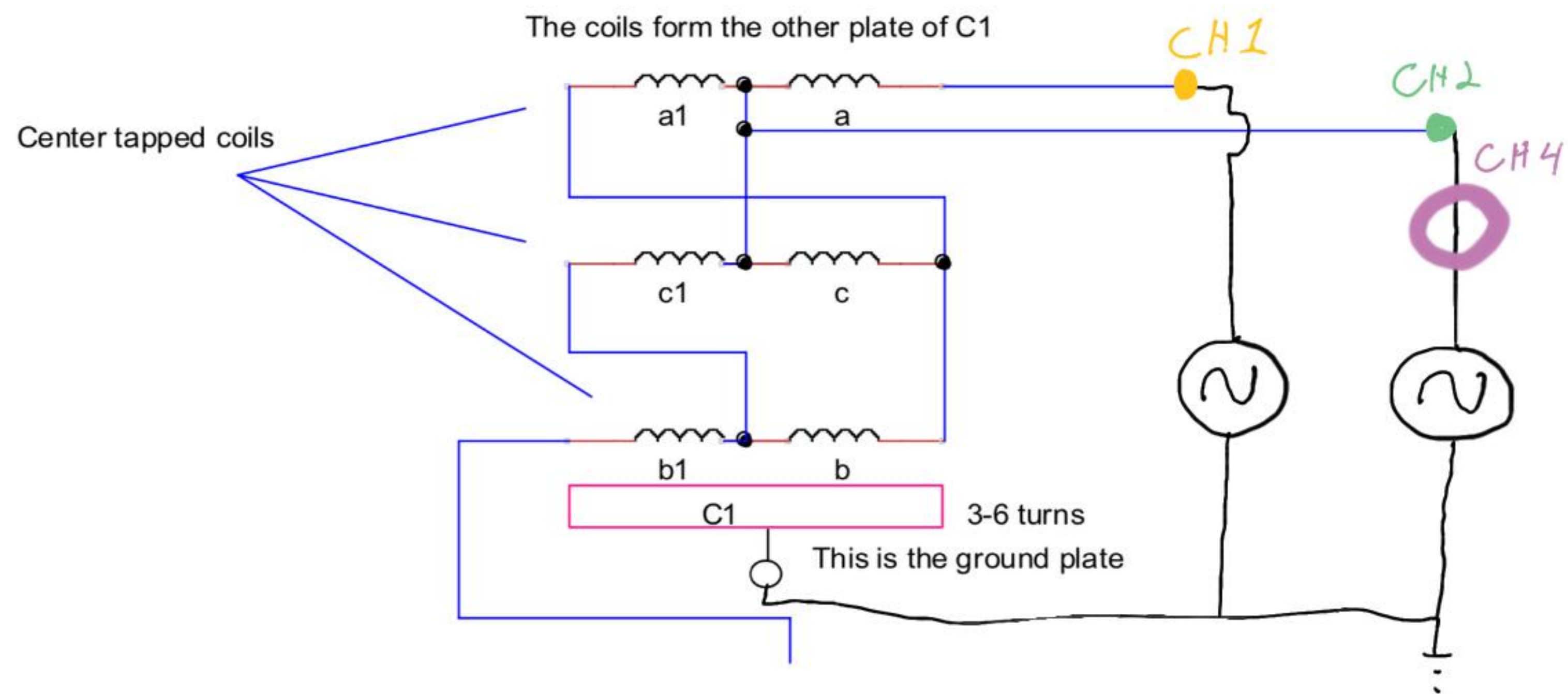
Phase CH1 - CH2 = 10.5 Degrees

Phase CH1 - CH4 = -46 Degrees

ICE



Phase Test 1A.2 - Both A and C are driven at Resonance Test 1A Resonant Frequency.

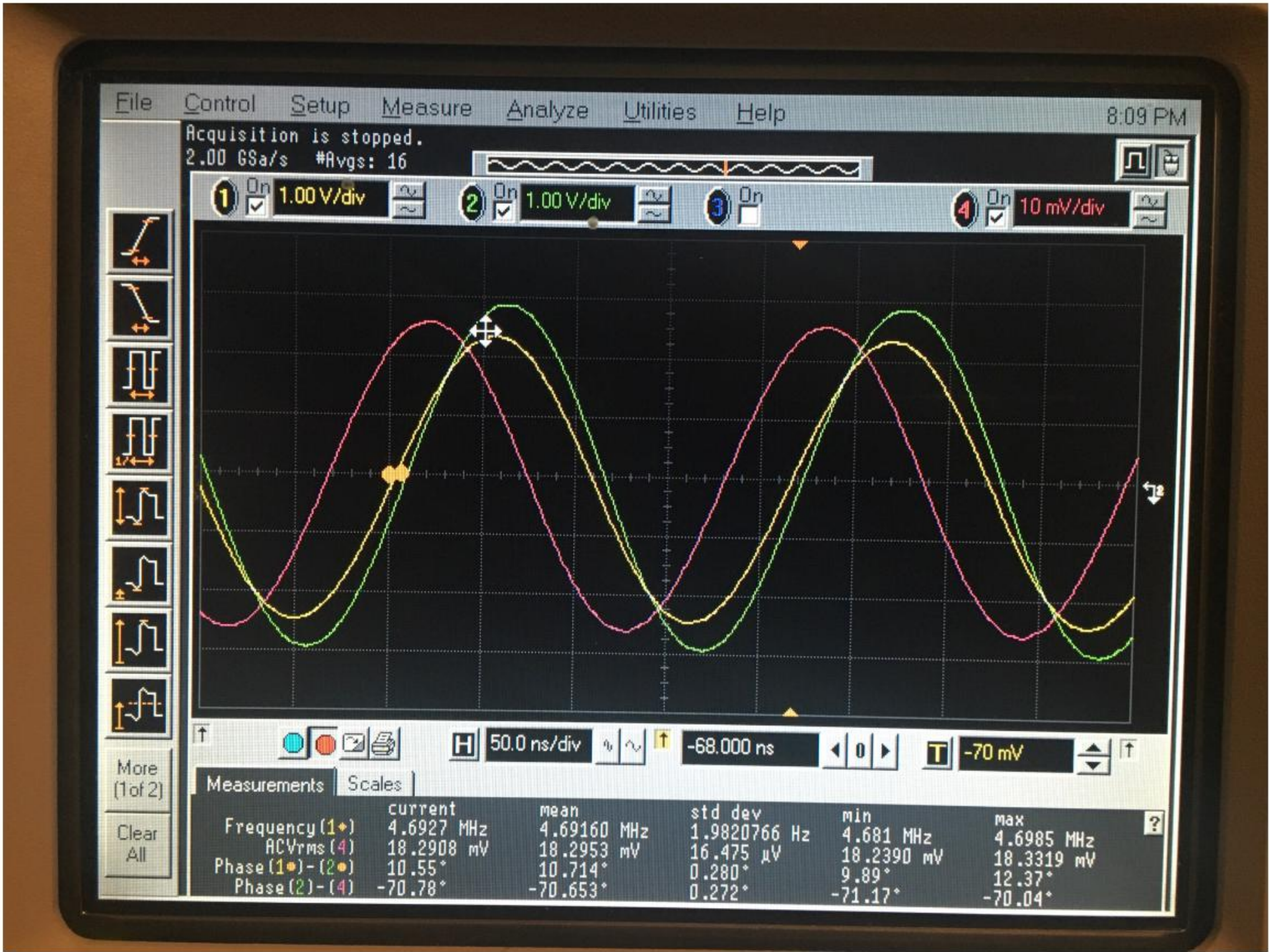


F = 4.69MHz

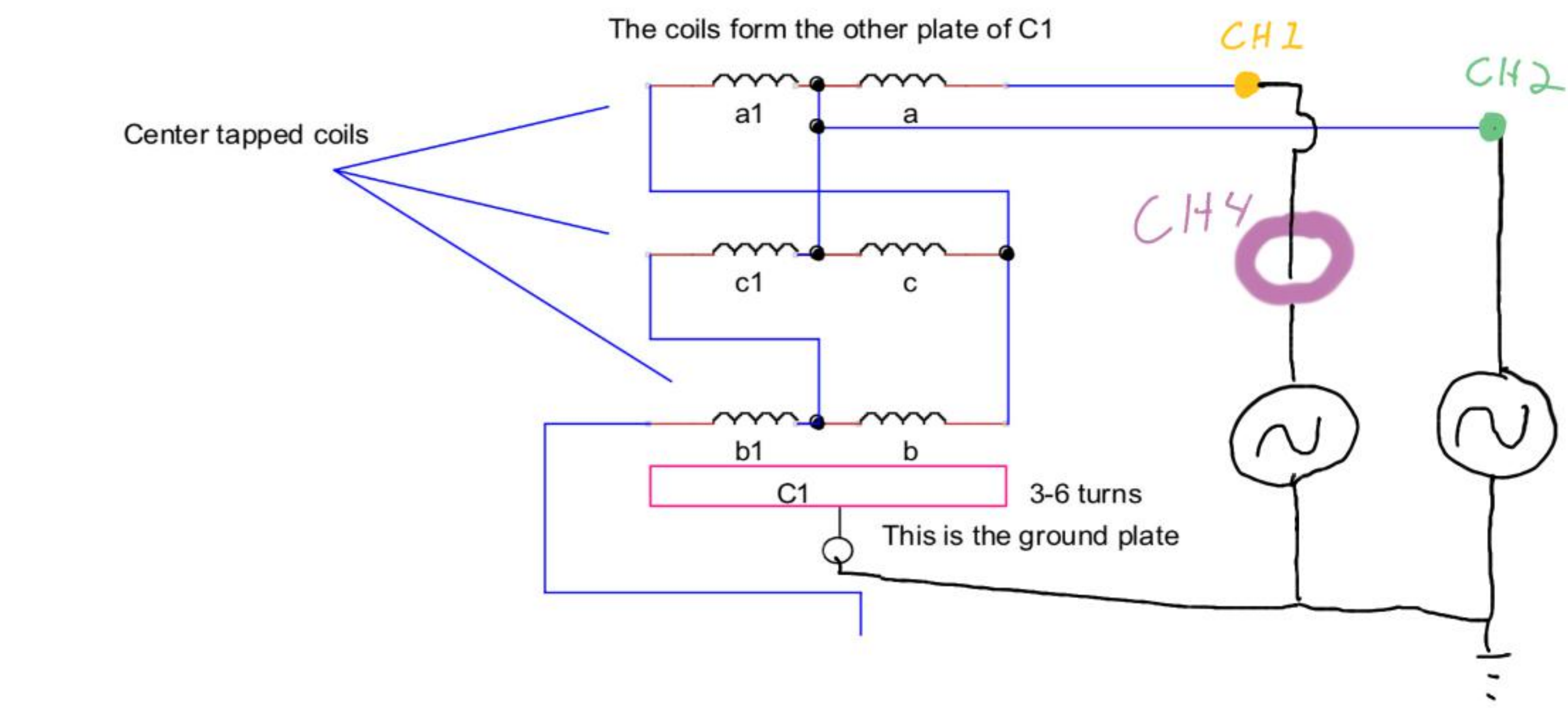
Phase CH1 - CH2 = 10.6

Phase CH2 - CH4 = -70.8

ICE



Phase Test 1C.1 - Both A and C are driven at Resonance Test 1C Resonant Frequency.

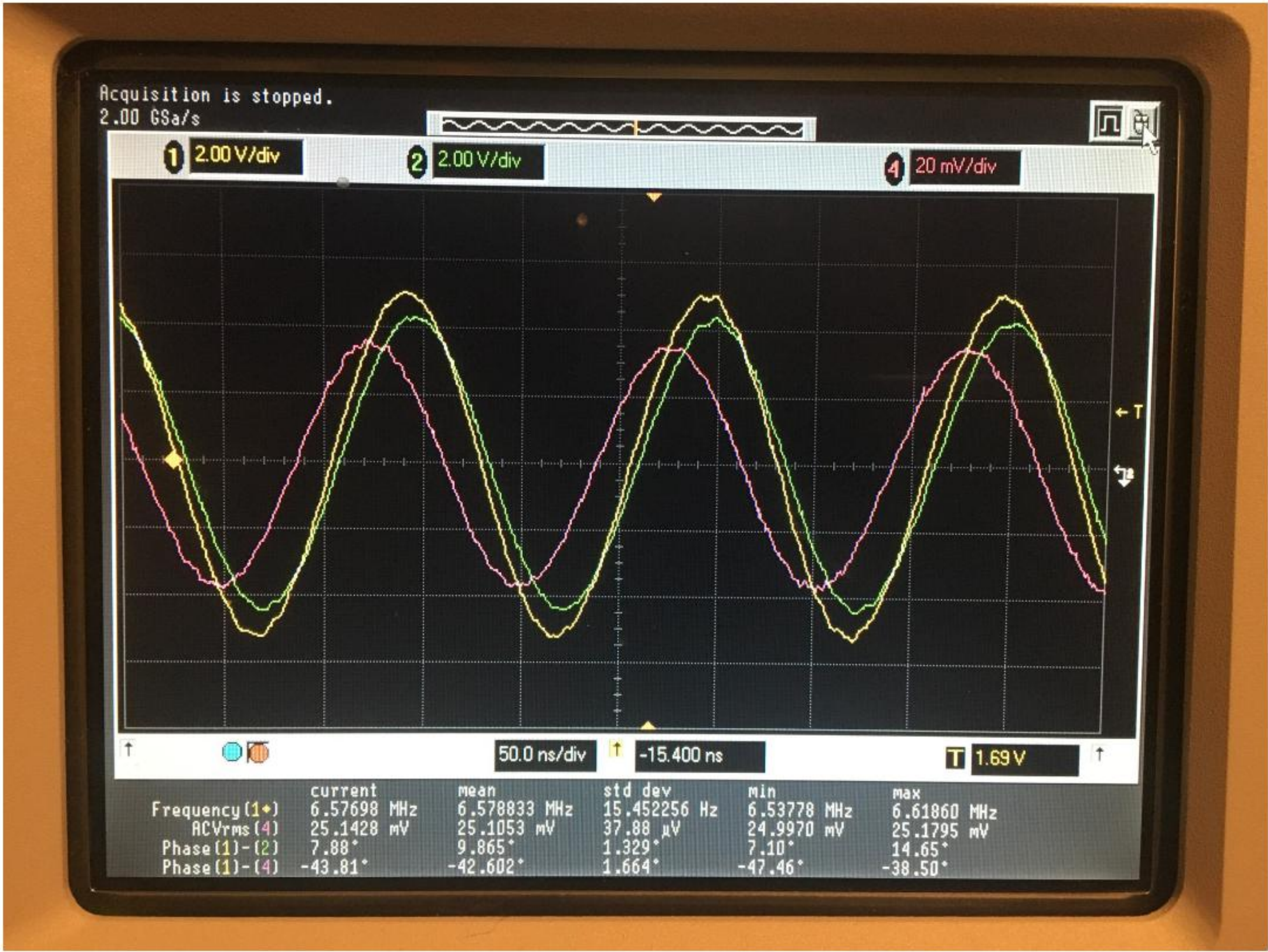


F = 6.58MHz

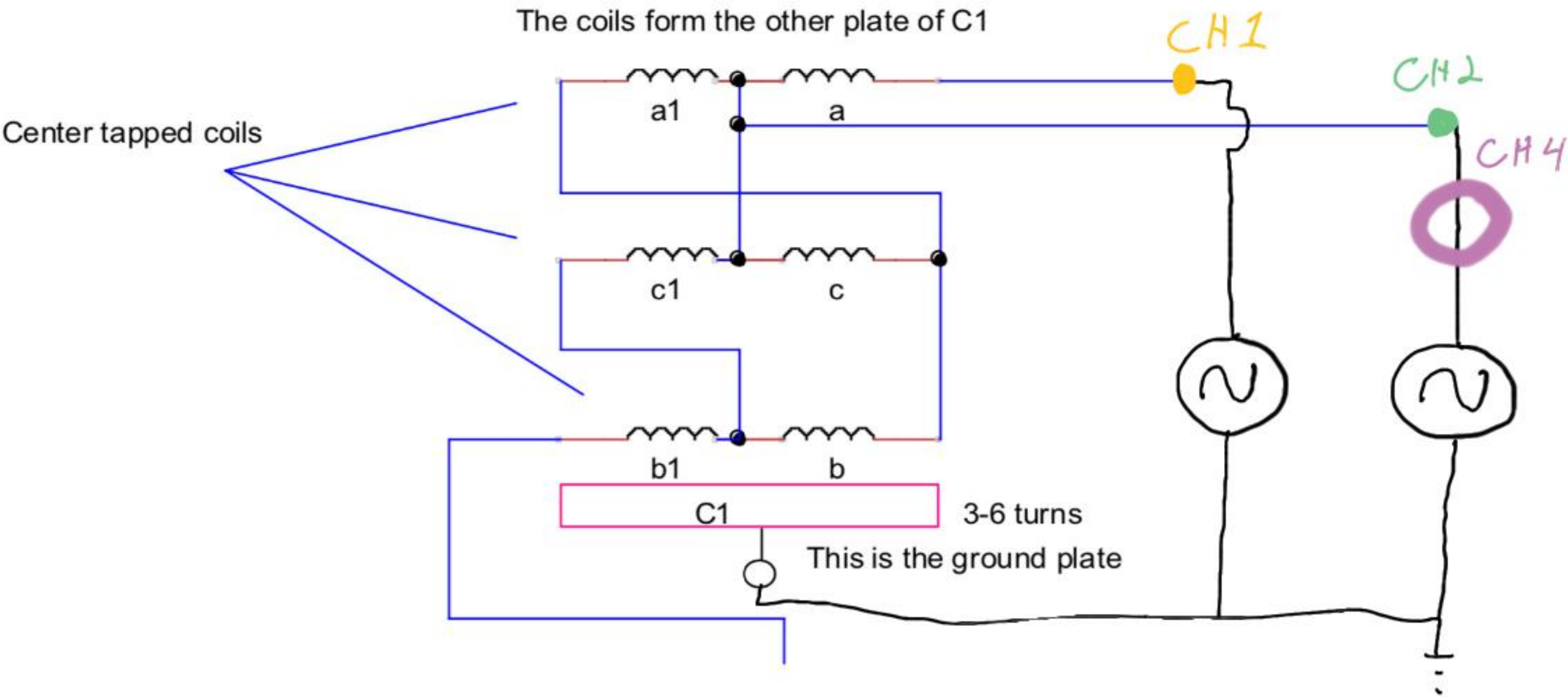
Phase CH1 - CH2 = 9.9

Phase CH1 - CH4 = -42.6

ICE



Phase Test 1C.2 - Both A and C are driven at Resonance Test 1C Resonant Frequency.

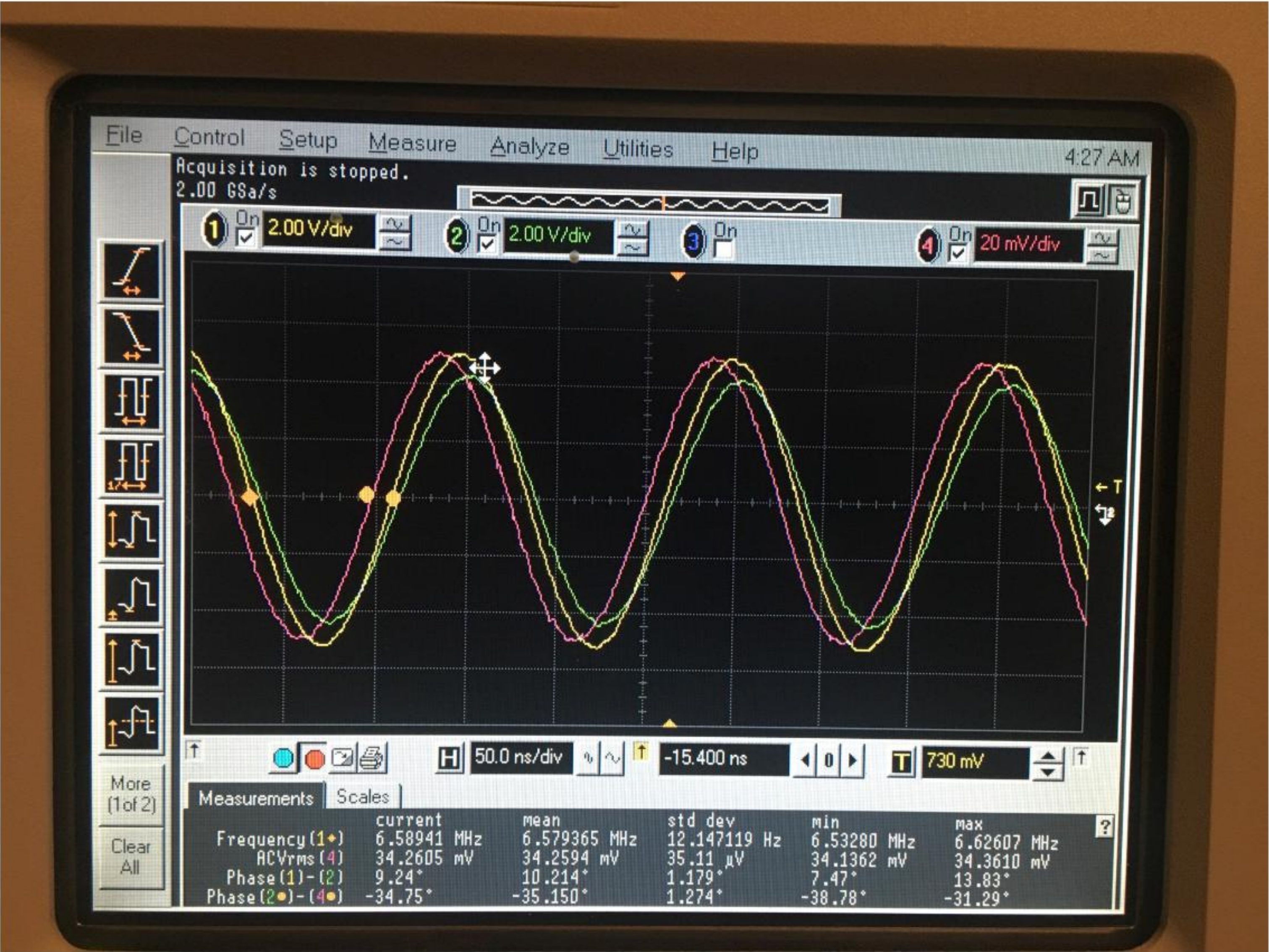


F = 6.58 MHz

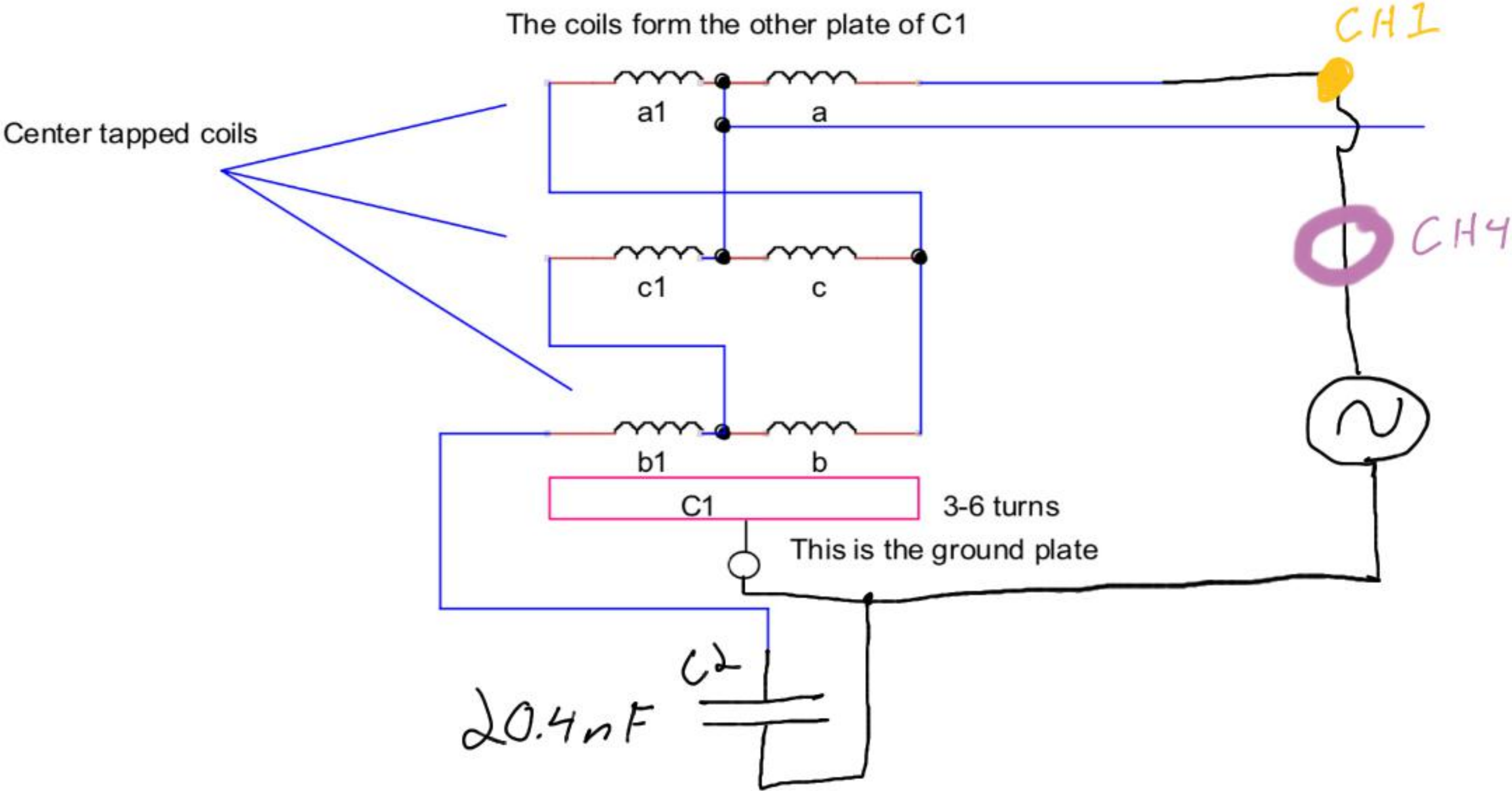
Phase CH1 - CH2 = 10.2

Phase CH2 - CH4 = -35.2

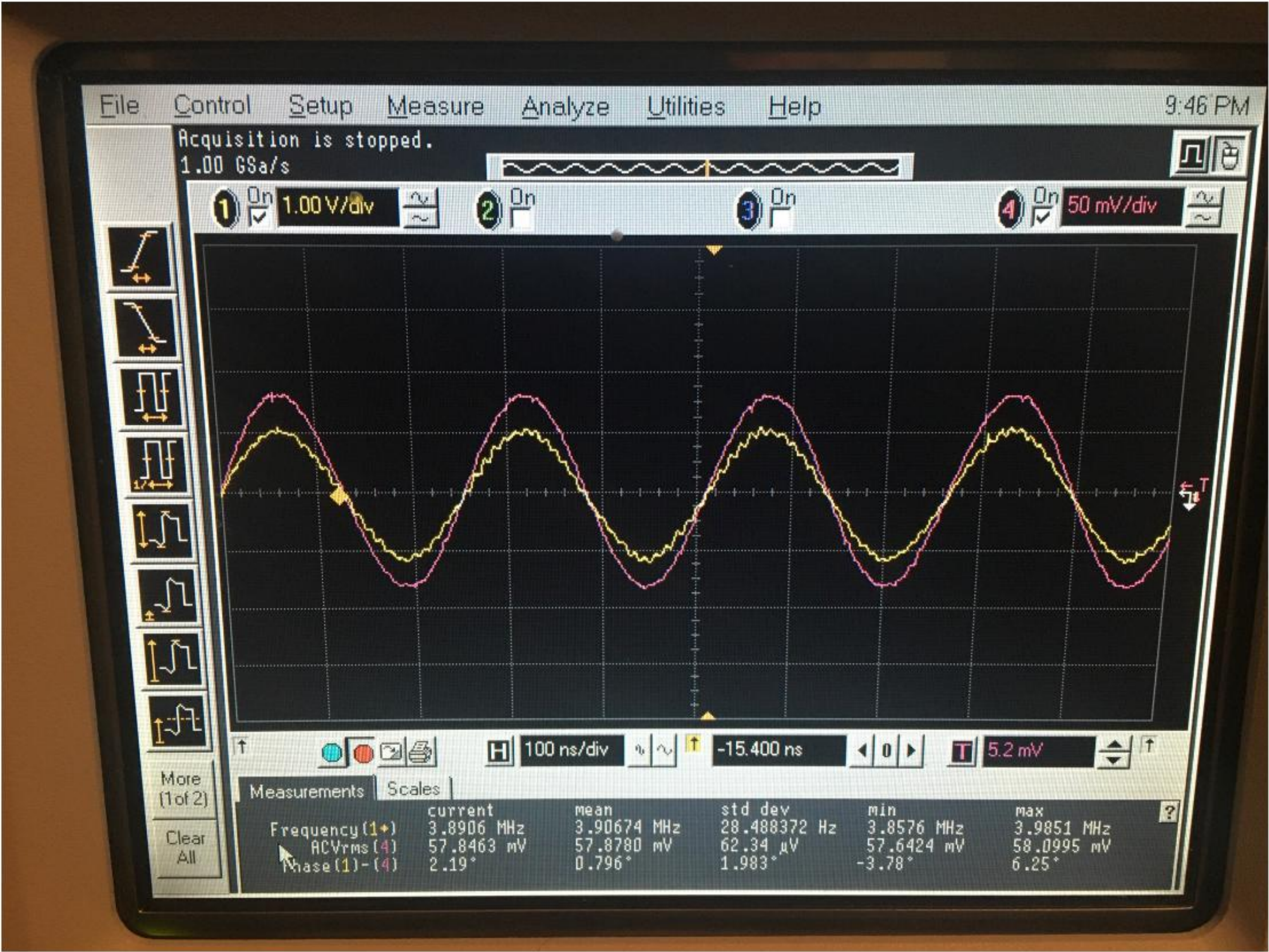
ICE



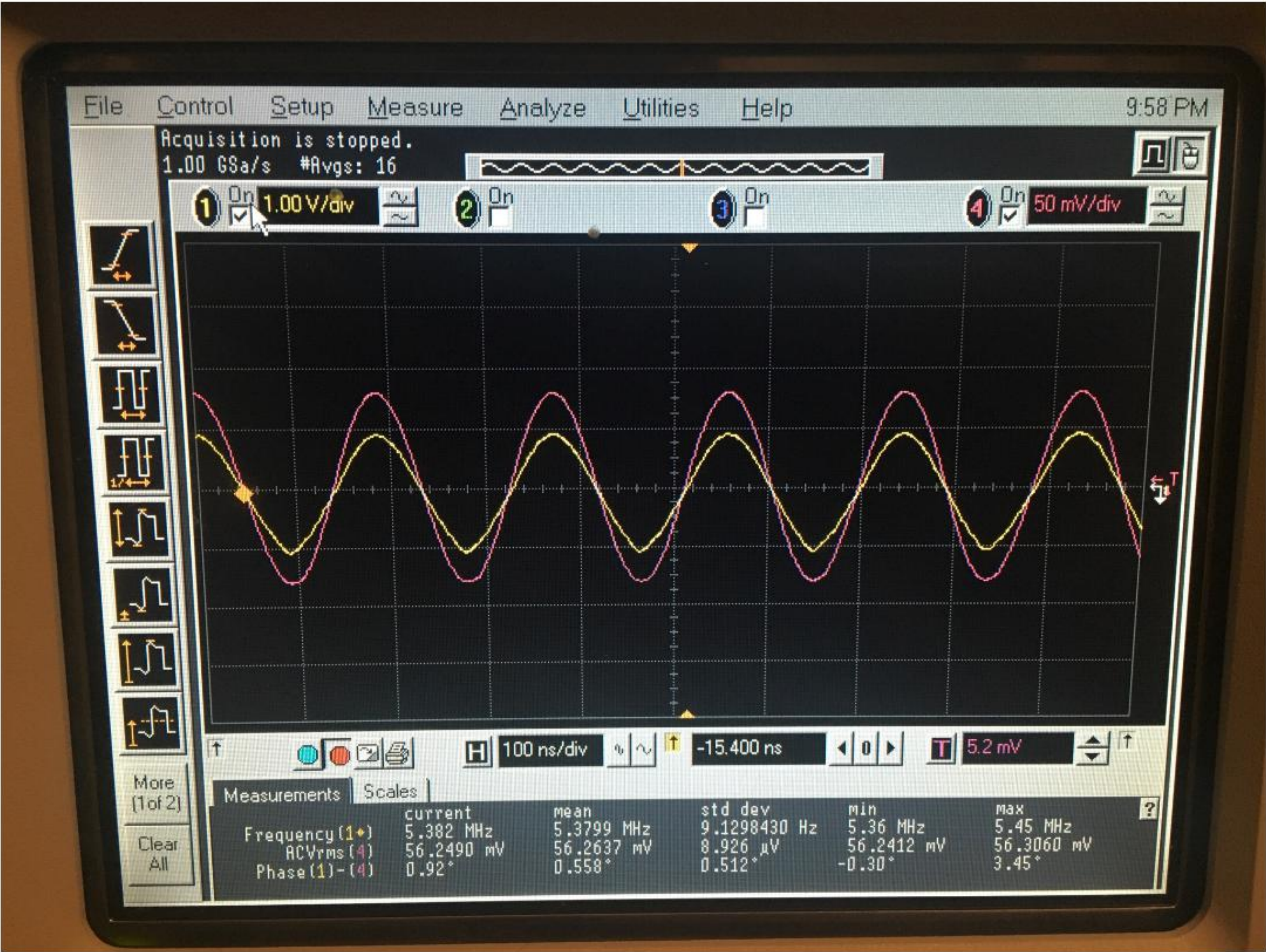
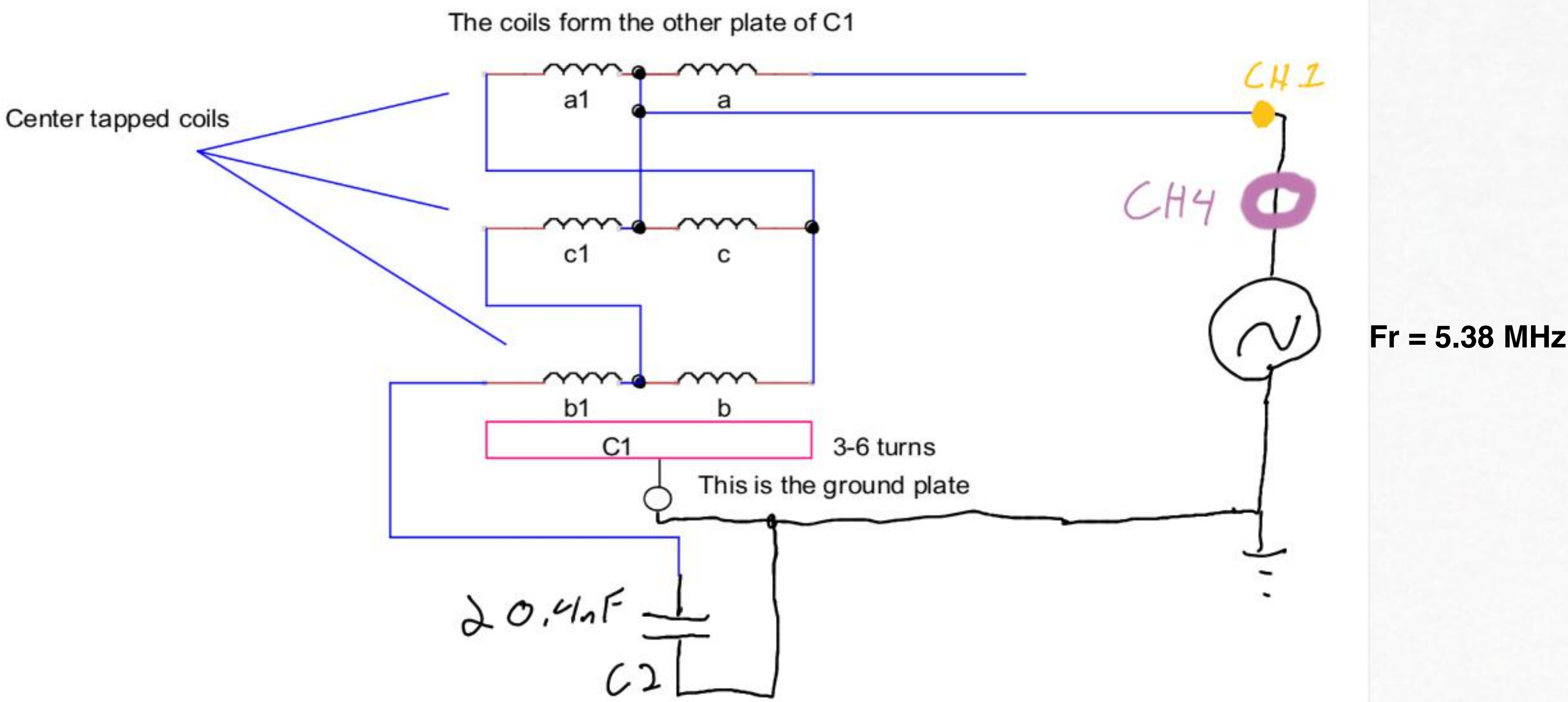
Resonance Test 2A - Phase A to GND with C2 connected



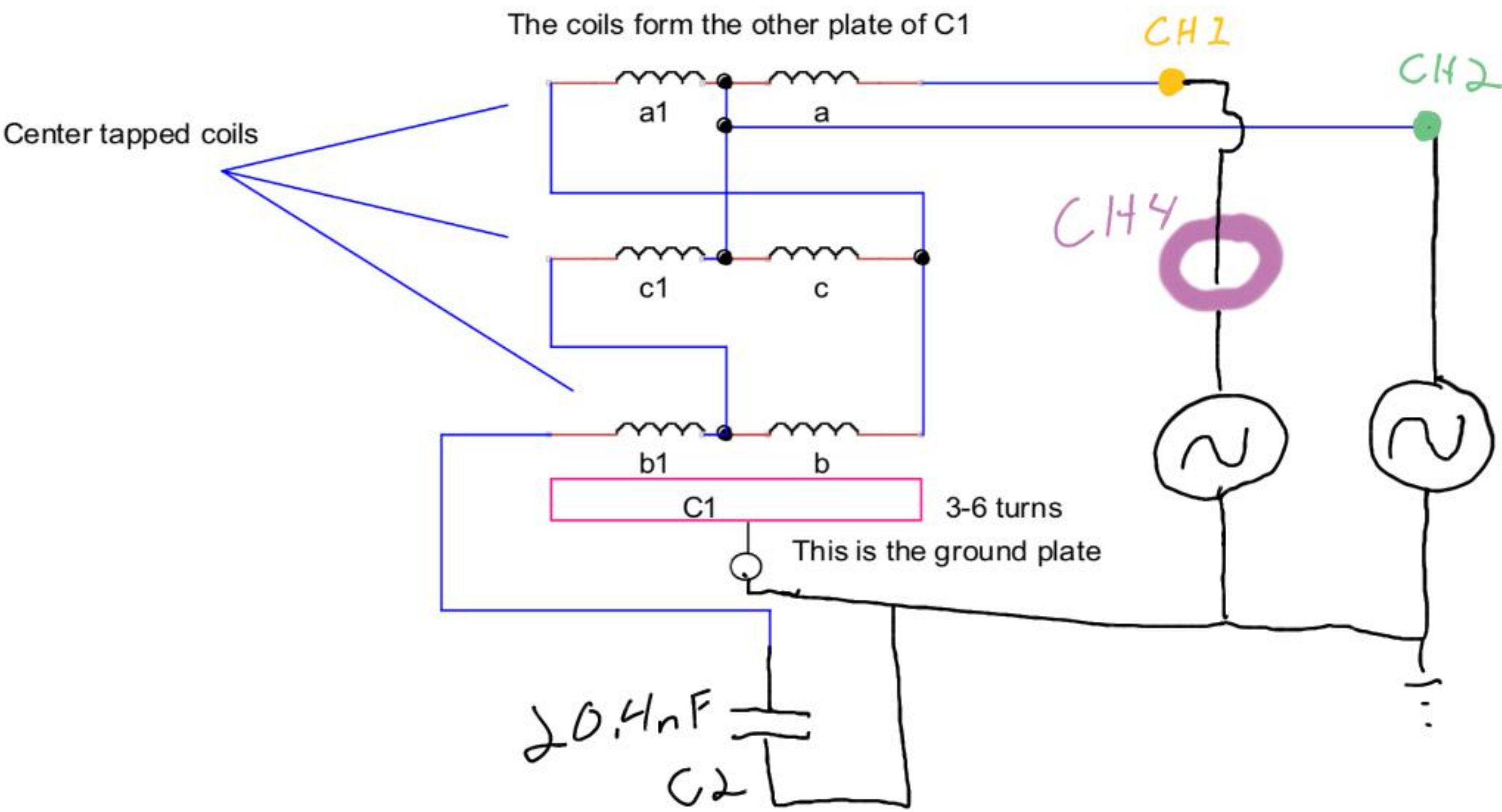
Fr = 3.89 MHz



Resonance Test 2C - Phase C to GND with C2 connected



Phase Test 2A.1 - Both A and C are driven at Resonance Test 2A Resonant Frequency.



F = 3.38 MHz

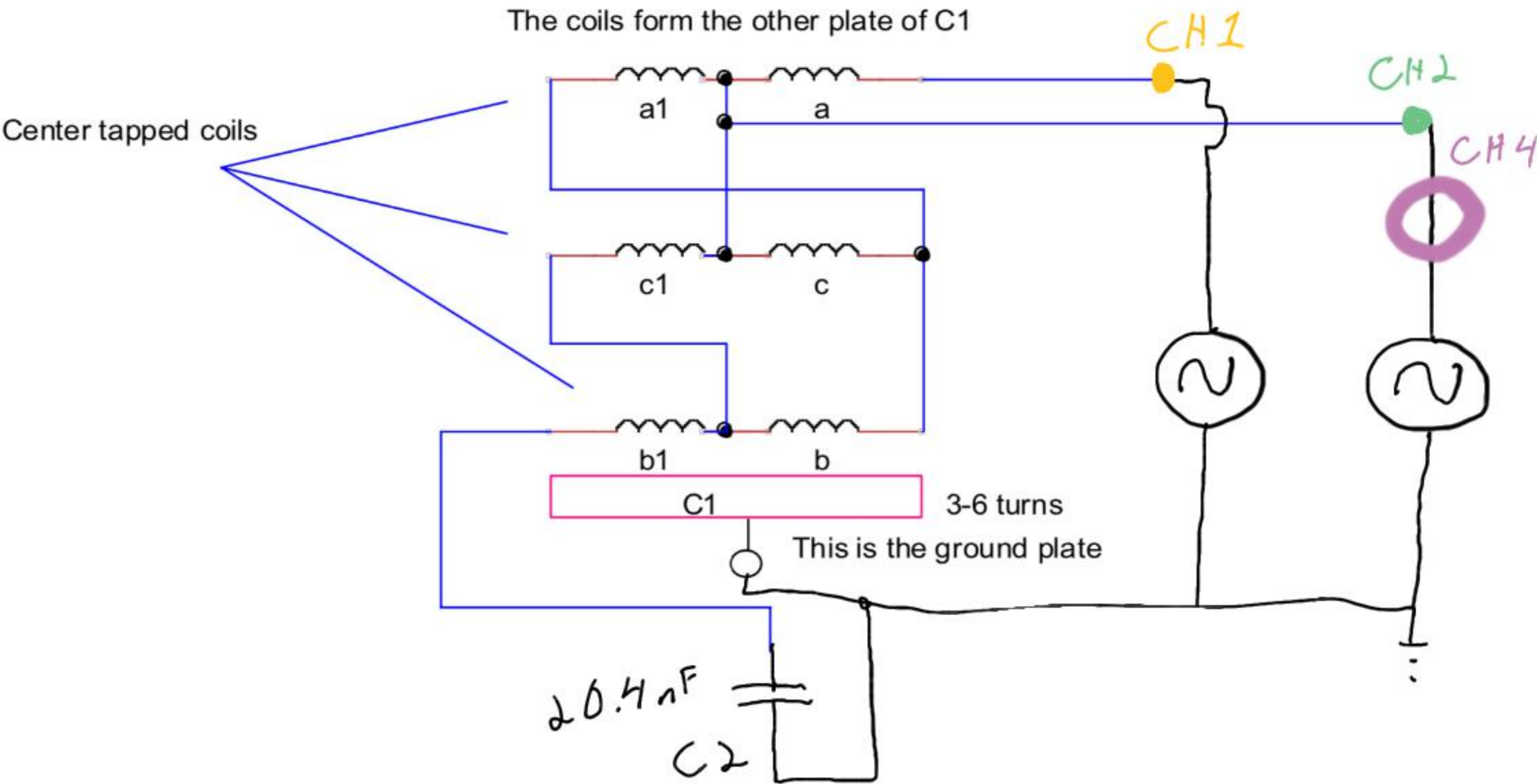
Phase CH1 - CH2 = 9.1

Phase CH1 - CH4 = -45.7

ICE



Phase Test 2A.2 - Both A and C are driven at Resonance Test 2A Resonant Frequency.

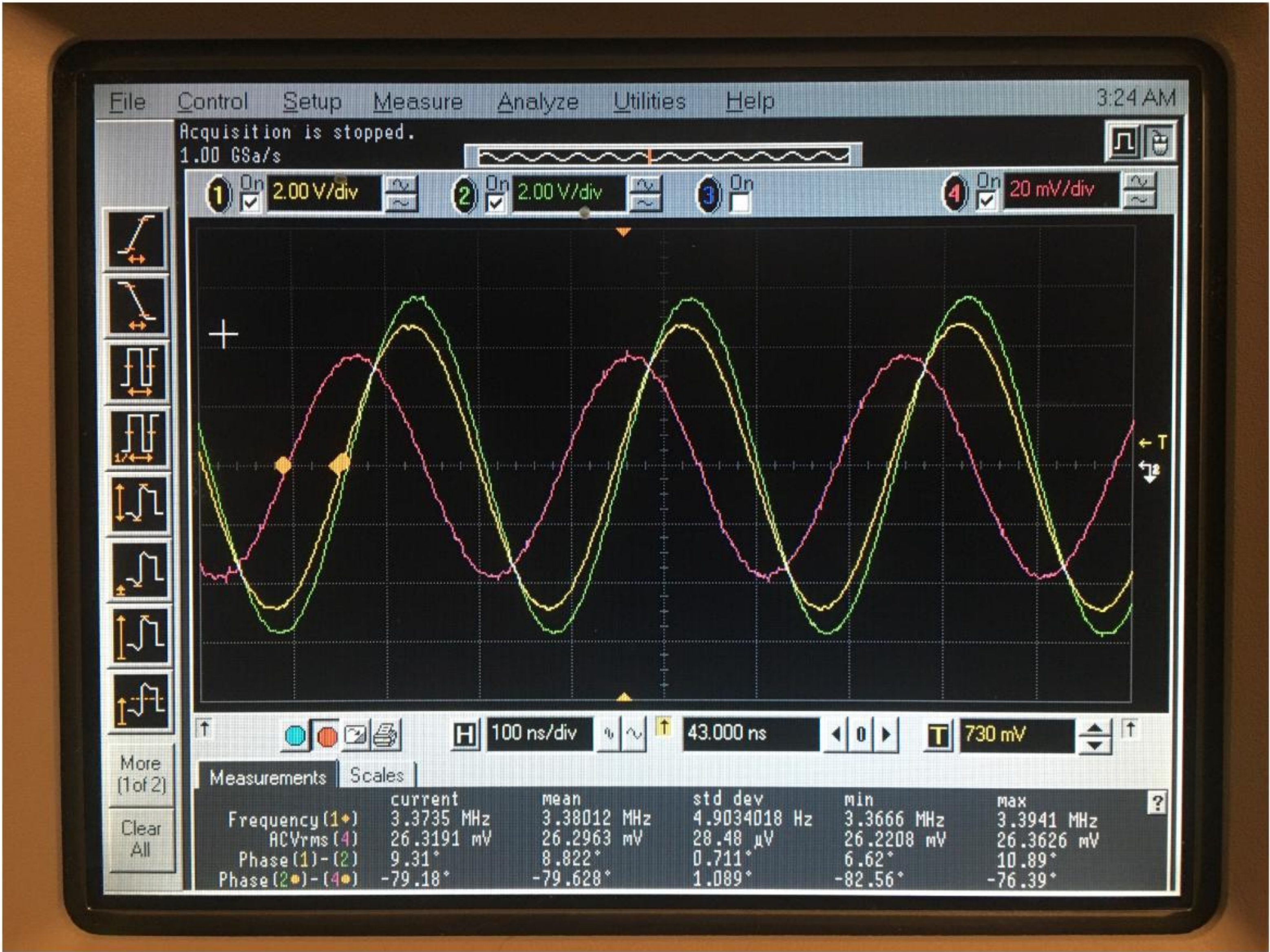


F = 3.38 MHz

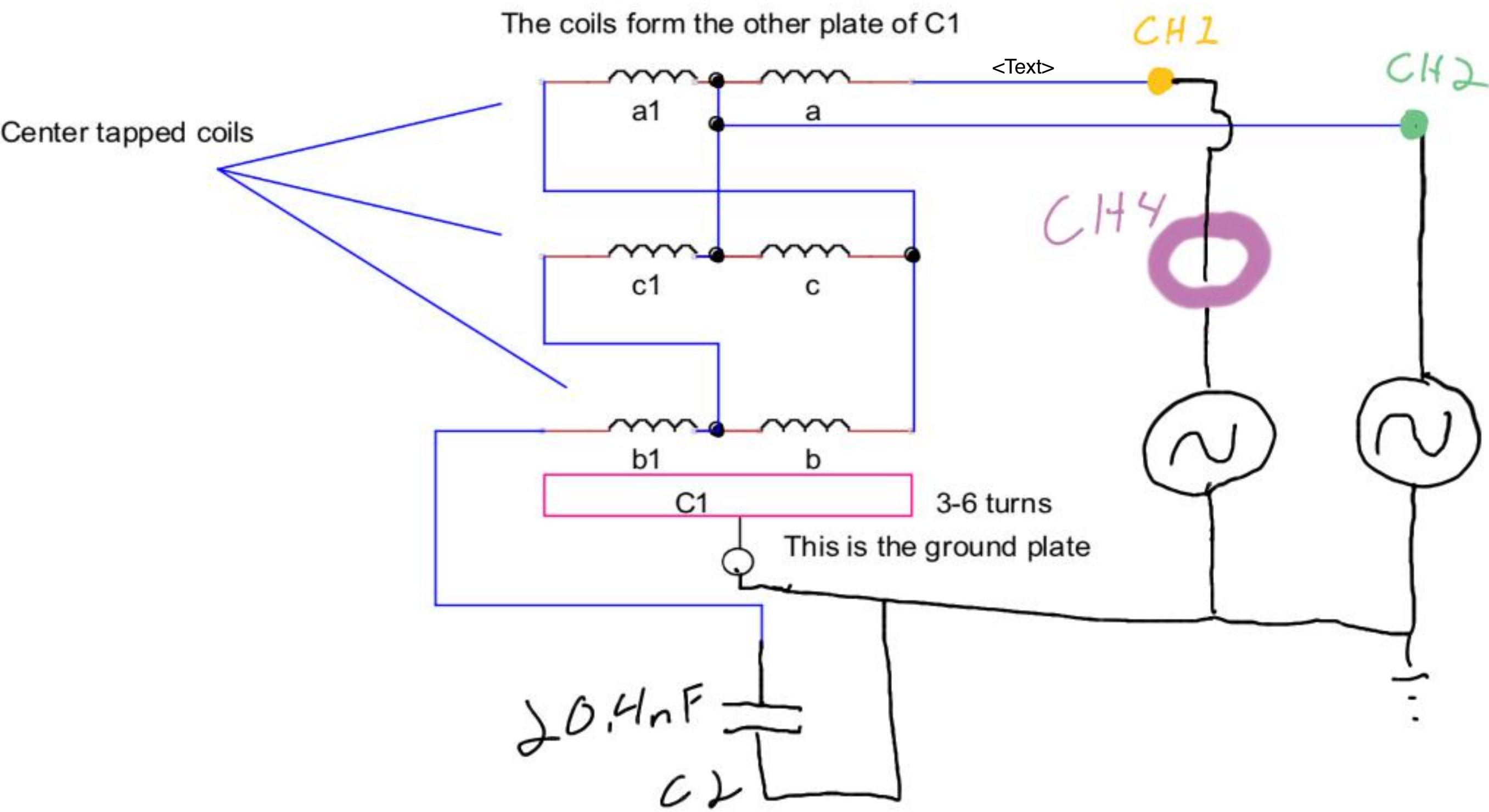
Phase CH1 - CH2 = 8.8

Phase CH2 - CH4 = -79.6

ICE



Phase Test 2C.1 - Both A and C are driven at Resonance Test 2C Resonant Frequency.

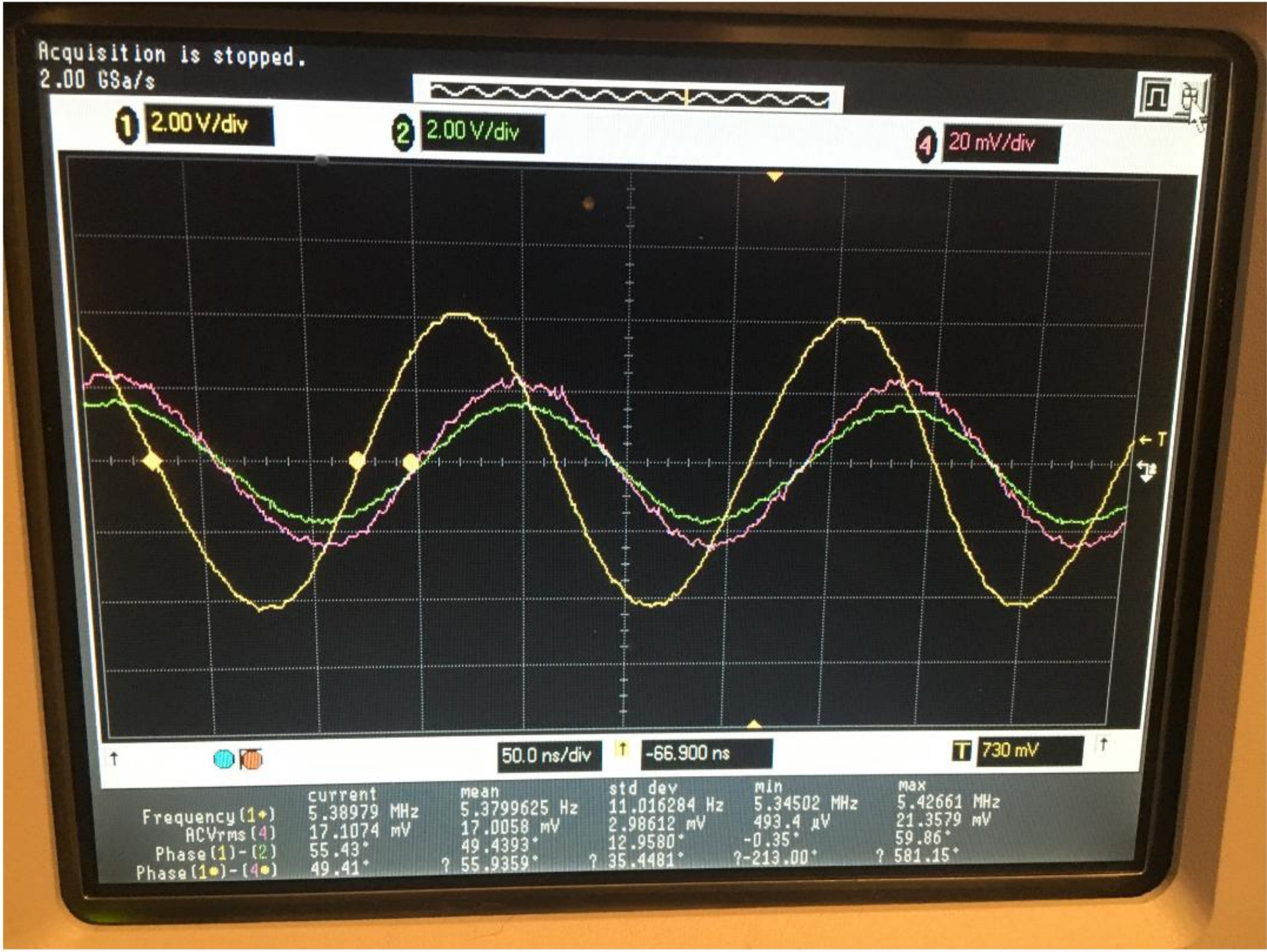


F = 5.38 MHz

Phase CH1 - CH2 = 49.4

Phase CH1 - CH4 = 55.9

ELI



Phase Test 2C.2 - Both A and C are driven at Resonance Test 2C Resonant Frequency.

