

14-Feb-20
10:01:23

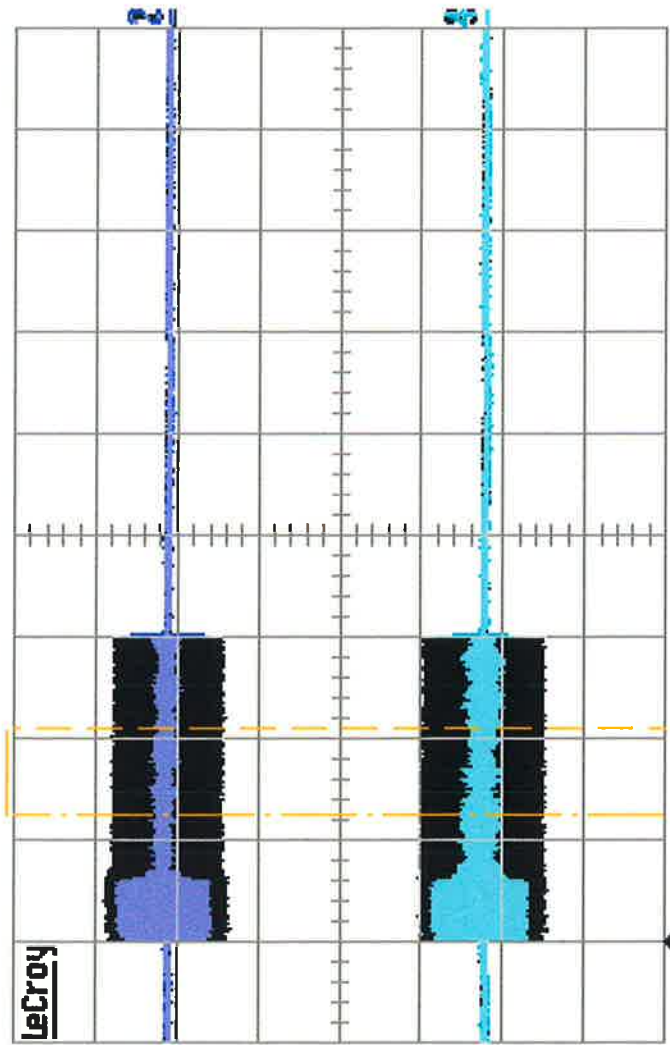
1 1 ms
0.50 V

2 1 ms
200 mV

3 1 ms
0.50 V

4 1 ms
200 mV

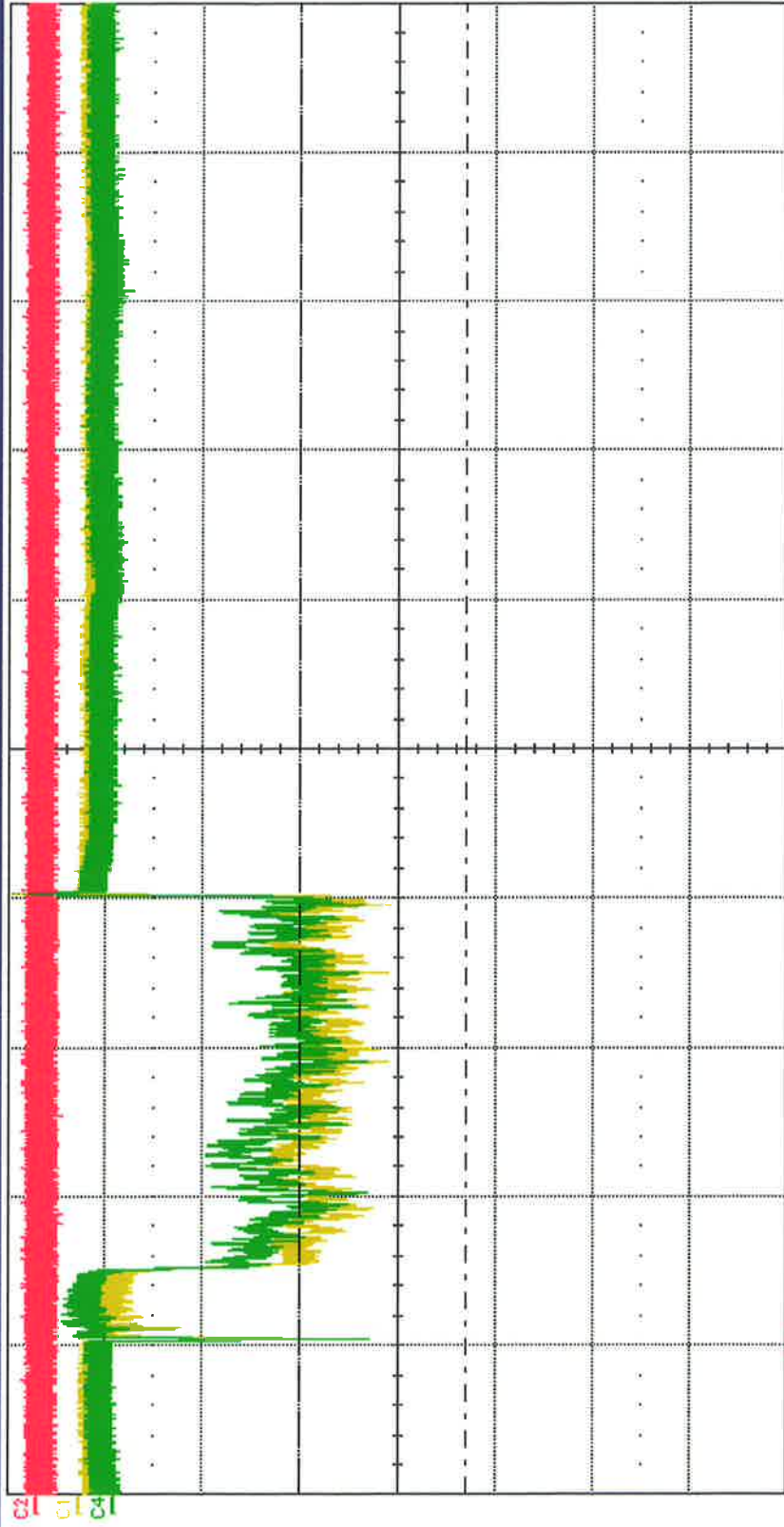
1 ms
1 .5 V AC
2 .2 V AC
3 .5 V AC
4 .2 V AC



7 sweeps:

	average	low	high	sigma
rms(1)	233.0 mV	231.4	236.3	1.7
rms(2)	16.2 mV	14.1	17.7	1.3
rms(3)	257.4 mV	255.7	260.1	1.5
rms(4)	21.7 mV	18.7	26.0	2.3
phase(1,3)	-37 °	-208	217	104

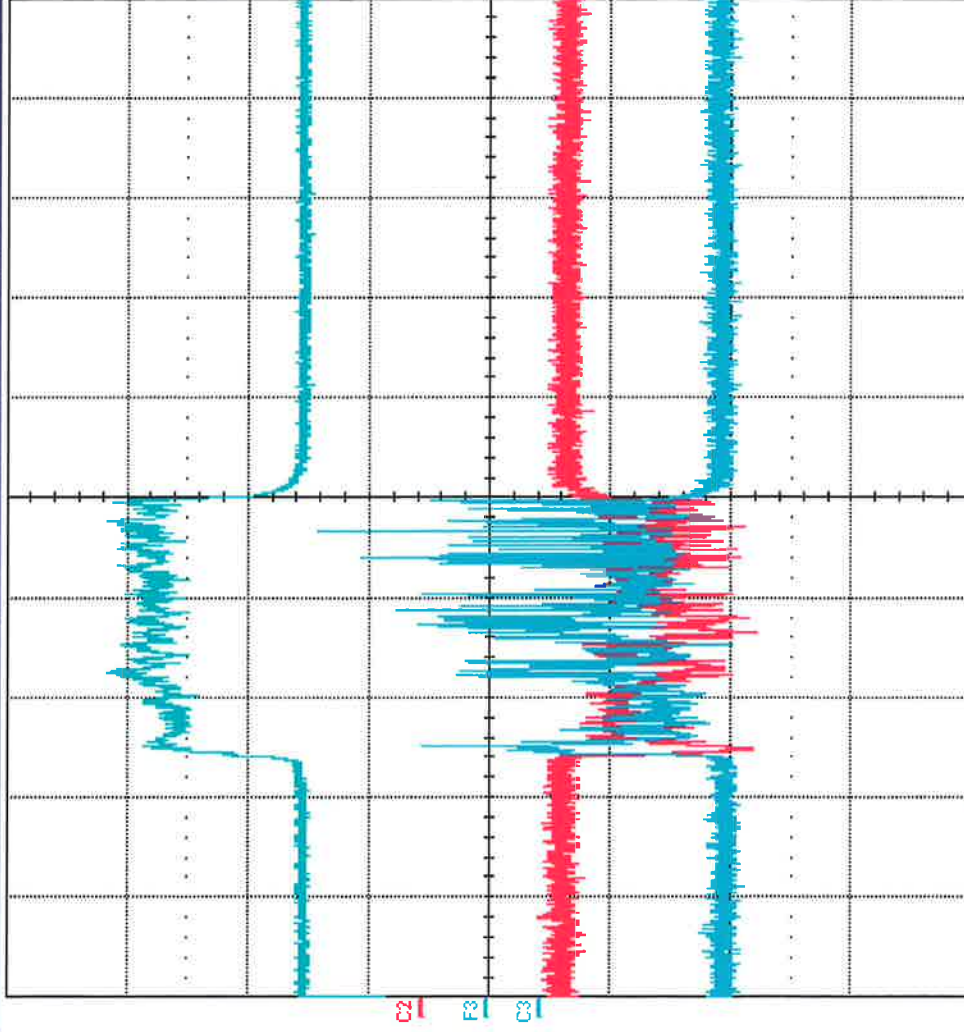
Ext10 DC 0.15 V 50Ω
10 MS/s
NORMAL



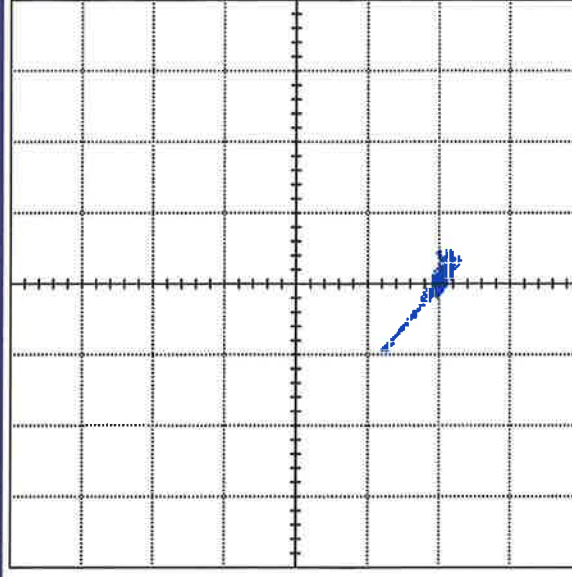
Measure	P1:mean(Z1)	P2:mean(Z4)	P3:mean(C1)	P4:mean(C4)	P5:phase(C1,C4)	P6:---
value	-3.12 mV	2.42 mV	-3.72 mV	> 2.46 mV	---	---
status	✓	✓	✓	↑	---	---

C1	C2	C3	C4
20.0 mV/div	2.00 V/div	20.0 mV/div	20.0 mV/div
65.00 mV offset	7.400 V offset	56.00 mV offset	56.00 mV offset
-79.0 mV	-8.80 V	-72.0 mV	-72.0 mV
-45.0 mV	-5.40 V	-38.0 mV	-38.0 mV
34.0 mV	3.40 V	34.0 mV	34.0 mV
Δy	Δy	Δy	Δy

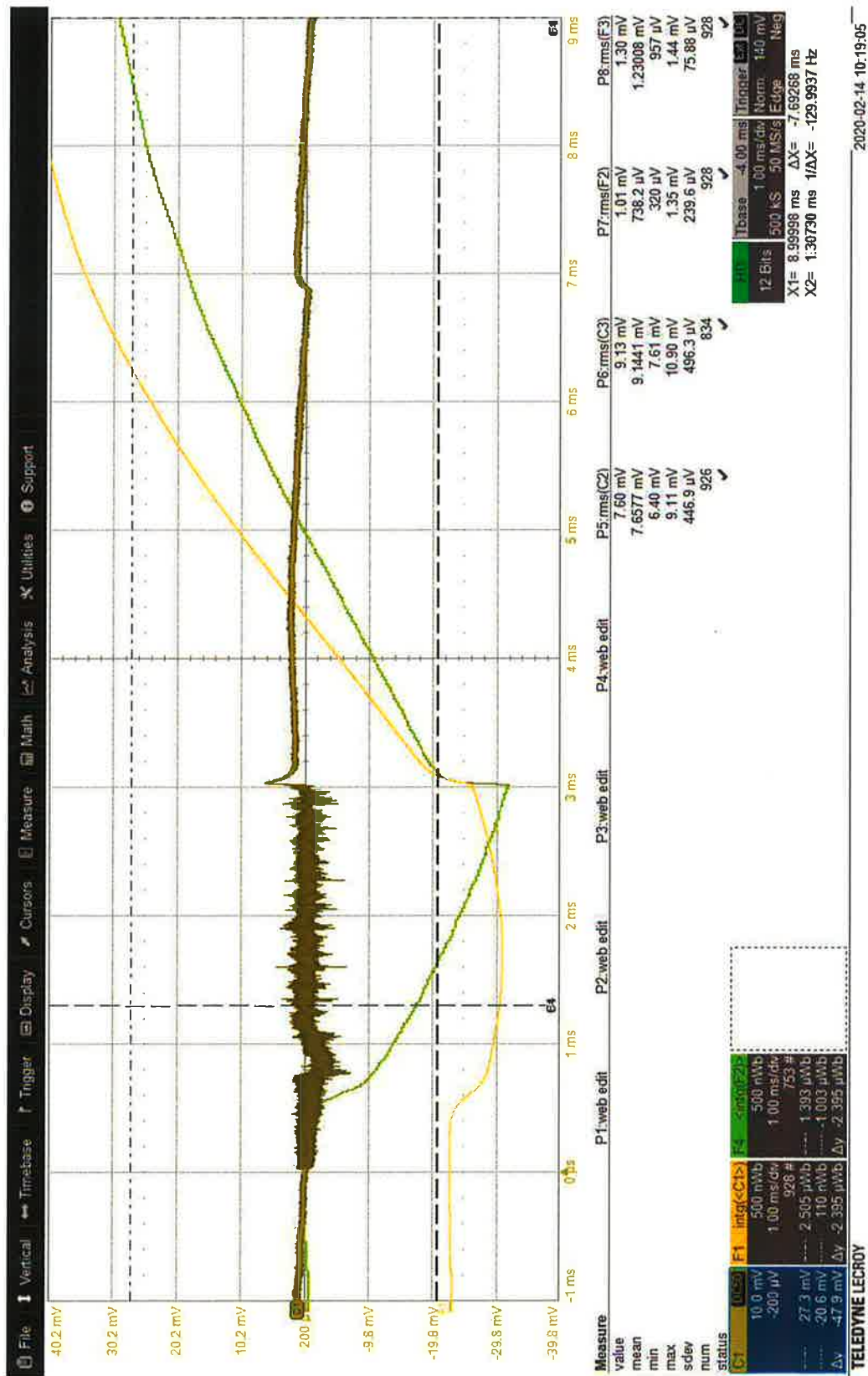
Timebase	Trigger
-4.00 ms	Edge
1.00 ms/div	Normal
1.00 MS	Edge
100 MS/s	Negative



C2 **DC1M** 200 mV/div 112.0 mV
F3 **DC1M** 200 mV/div -84.0 mV
C3 **DC1M** 200 mV/div 500e-3/div 1.00 ms/div 18 #
C4 **DC1M** 200 mV/div 200 mV/div 19 #



Tbase -3.04 ms 1.00 ms/div 10.0 kS
Trigger Normal 200 mV Edge Negative



14-Feb-20
10:30:05

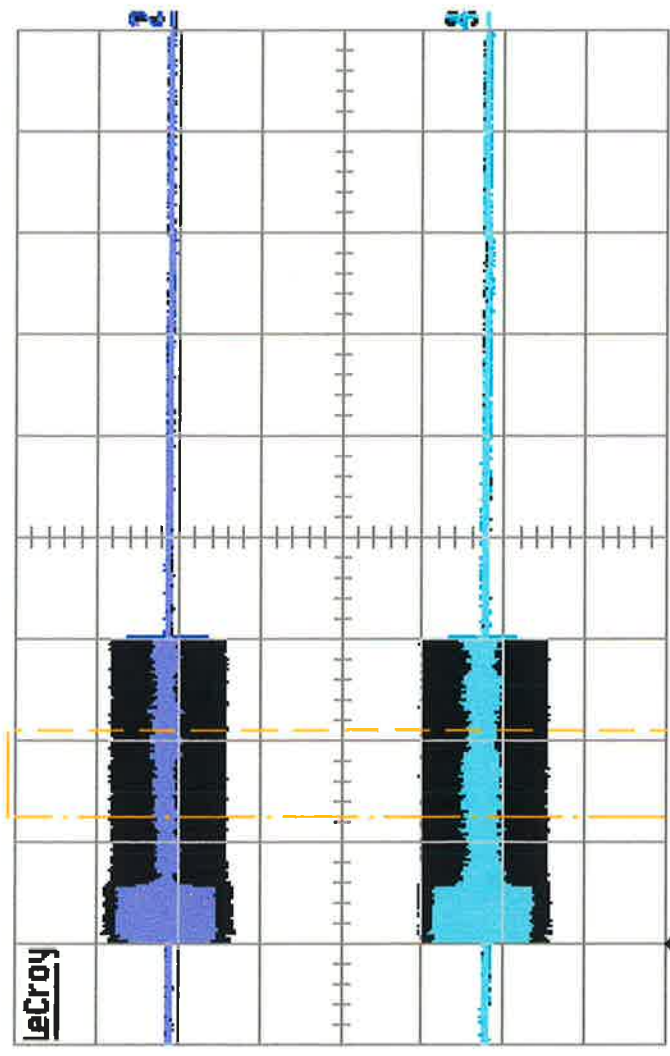
1
1 ms
0.50 V

2
1 ms
200 mV

3
1 ms
0.50 V

4
1 ms
200 mV

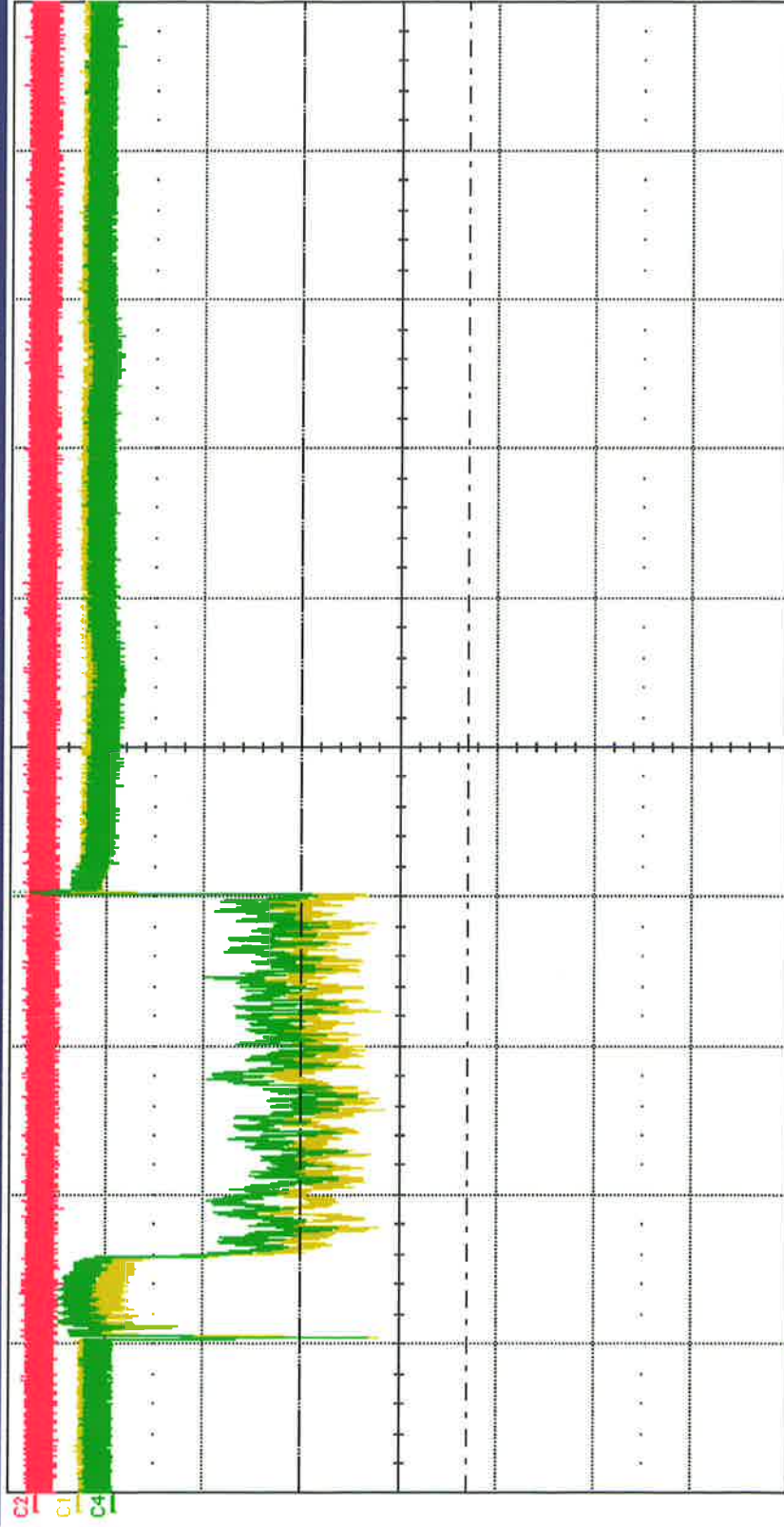
1 ms
1 .5 V AC
2 .2 V AC
3 .5 V AC
4 .2 V AC



1707 sweeps:

rms(1)	average	low	high	sigma
rms(2)	237.4 mV	230.2	246.7	2.9
rms(3)	16.6 mV	11.8	21.6	1.5
rms(4)	262.0 mV	254.8	270.5	2.8
phase(1,3)	24.0 mV	16.7	34.0	2.5
	-39 °	-210	219	96

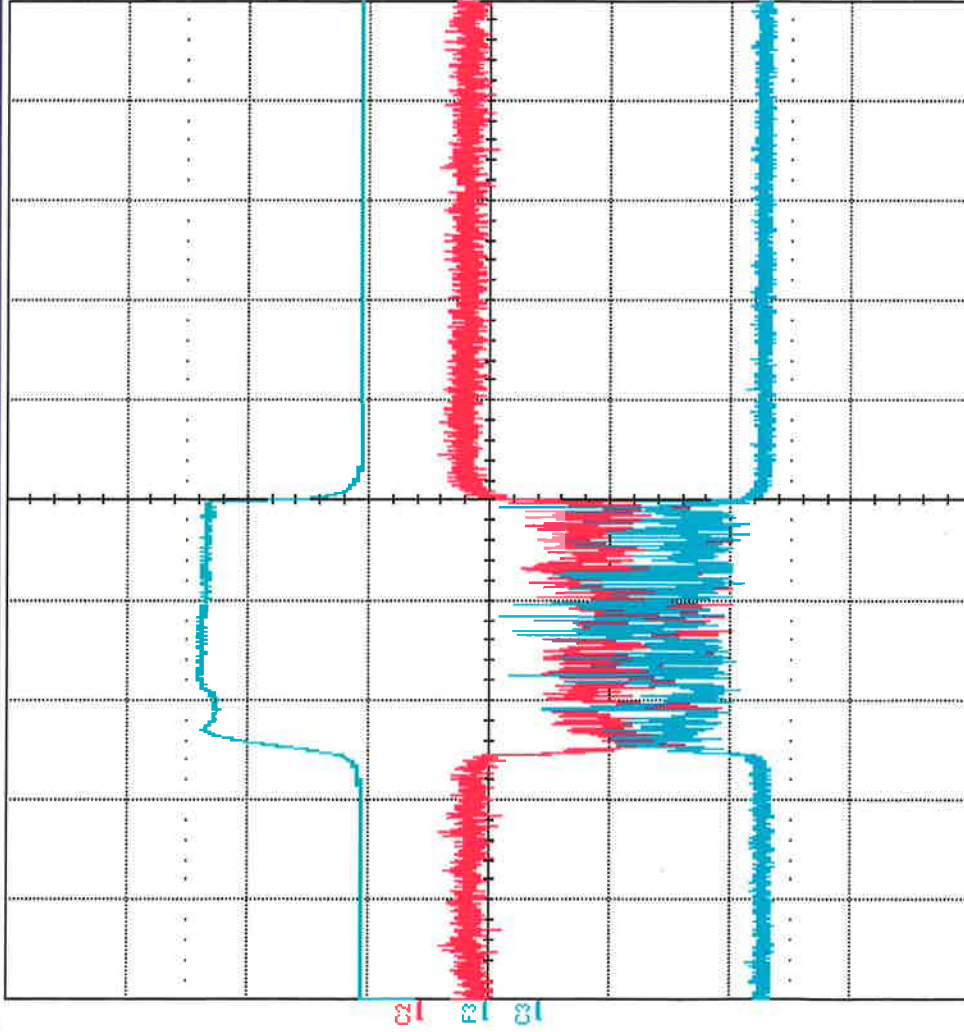
Ext10 DC 0.15 V 50Ω
10 MS/s
NORMAL



Measure	P1:mean(Z1)	P2:mean(Z4)	P3:mean(C1)	P4:mean(C4)	P5:phase(C1,C4)	P6:---
value	-3.01 mV	2.42 mV	> -3.57 mV	> 2.93 mV	---	---
status	✓	✓	↑	↑	---	---

C1	C2	C4
20.0 mV/div	2.00 V/div	20.0 mV/div
65.00 mV orst	7.400 V offset	58.00 mV orst
-79.0 mV	-8.80 V	.72.0 mV
-45.0 mV	-5.40 V	-38.0 mV
Δy 34.0 mV	Δy 3.40 V	Δy 34.0 mV

Timebase	Trigger
4.00 ms	Edge
1.00 ms/div	Normal
1.00 MS	Edge
100 MS/s	Negative

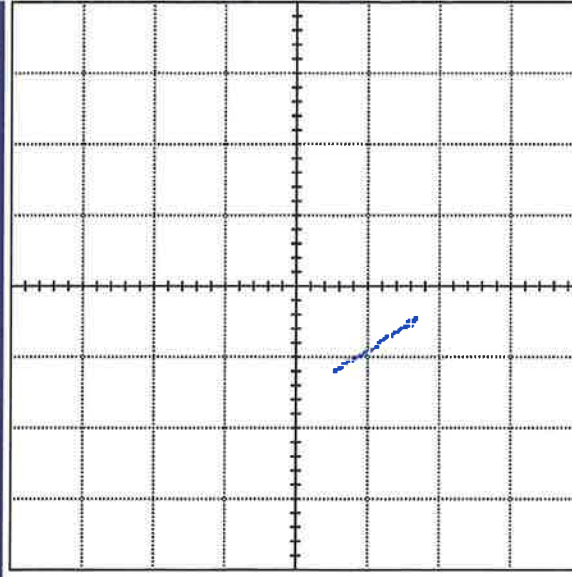


C2 **DC1M** 200 mV/div 112.0 mV

F3 **DC1M** 200 mV/div -84.0 mV

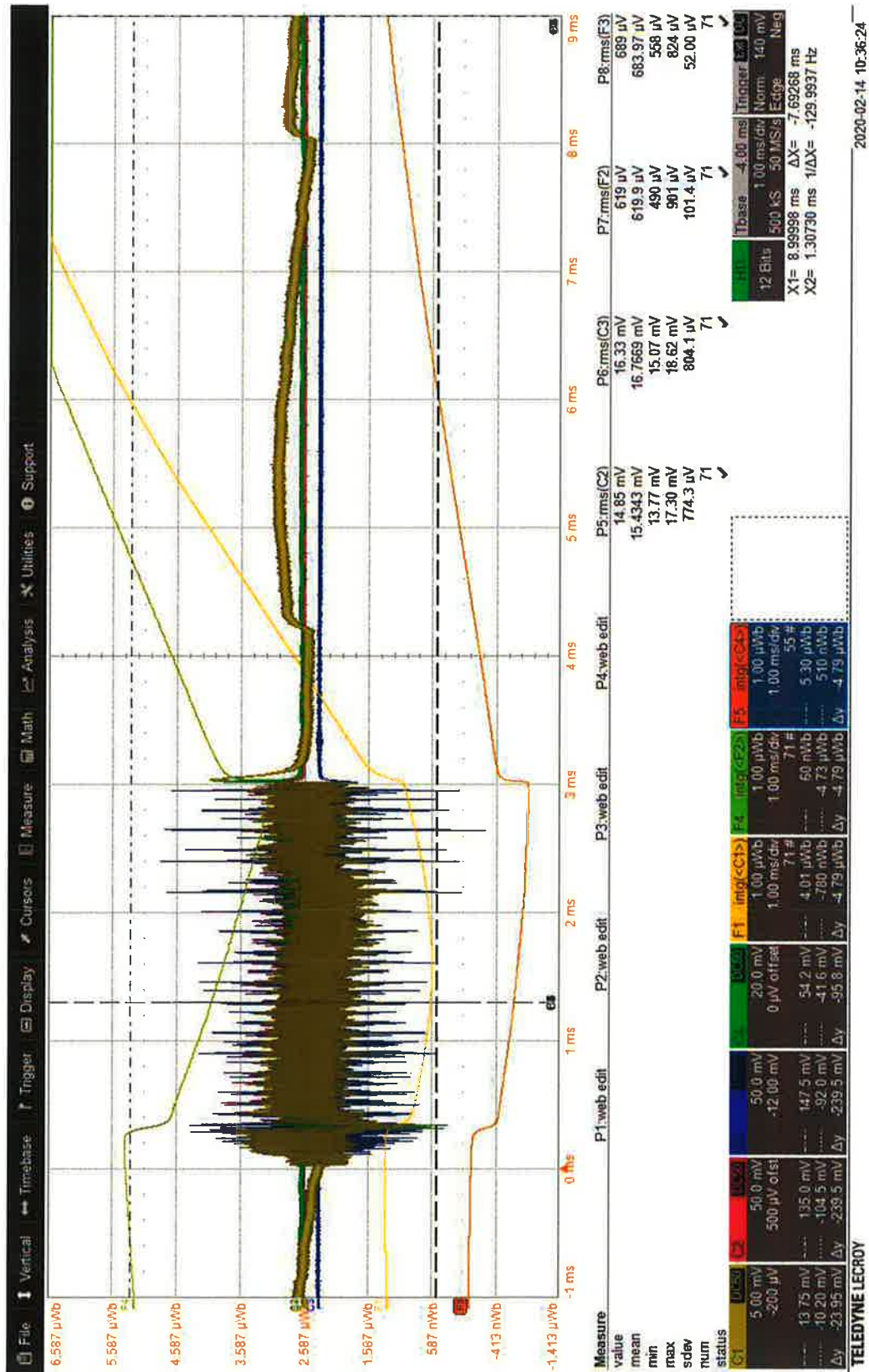
C3 **DC1M** 200 mV/div 1.00 ms/div 1.000 k#

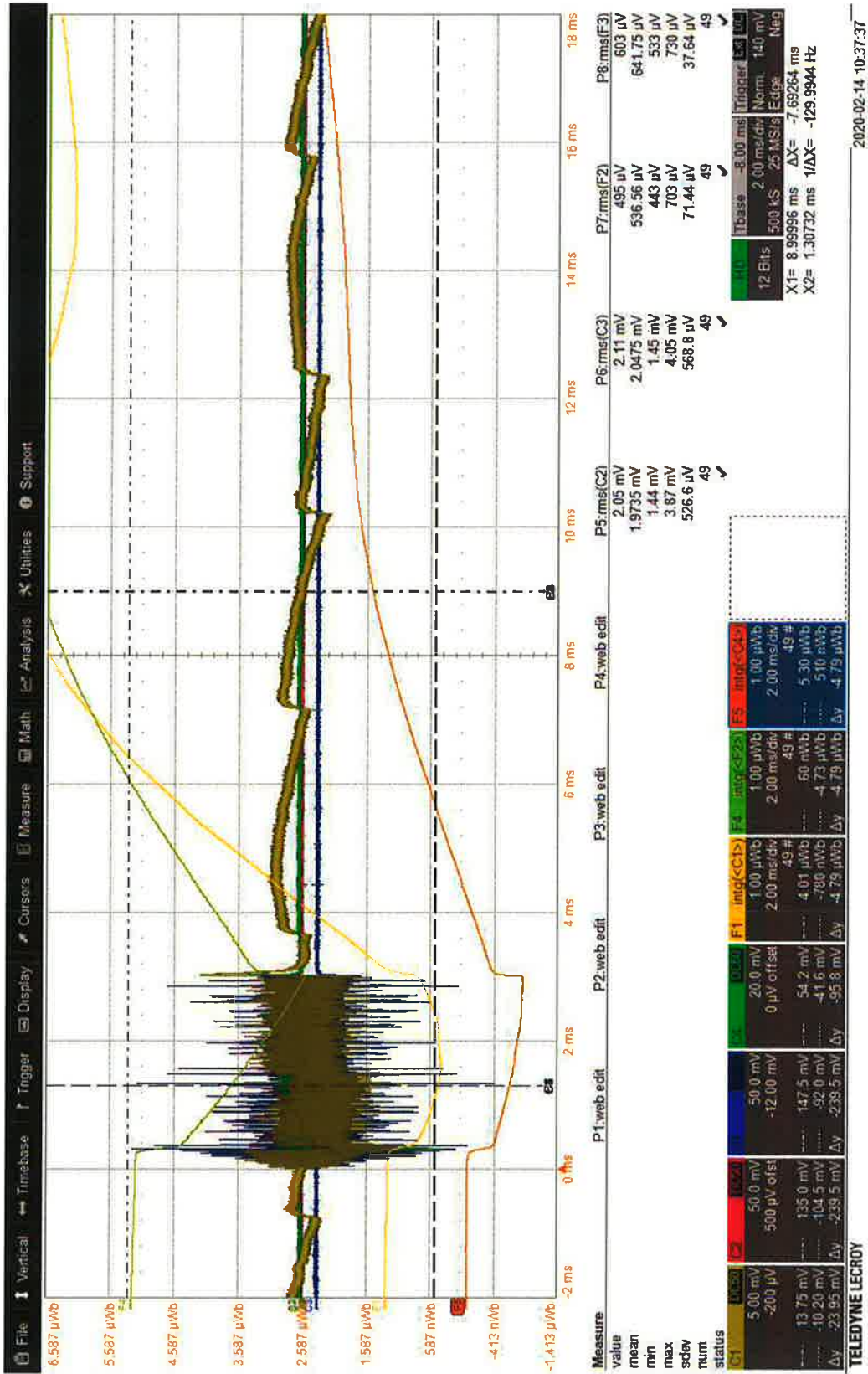
XY **X-Y1 Y-F2** 200 mV/div 200 mV/div 1.699 k#

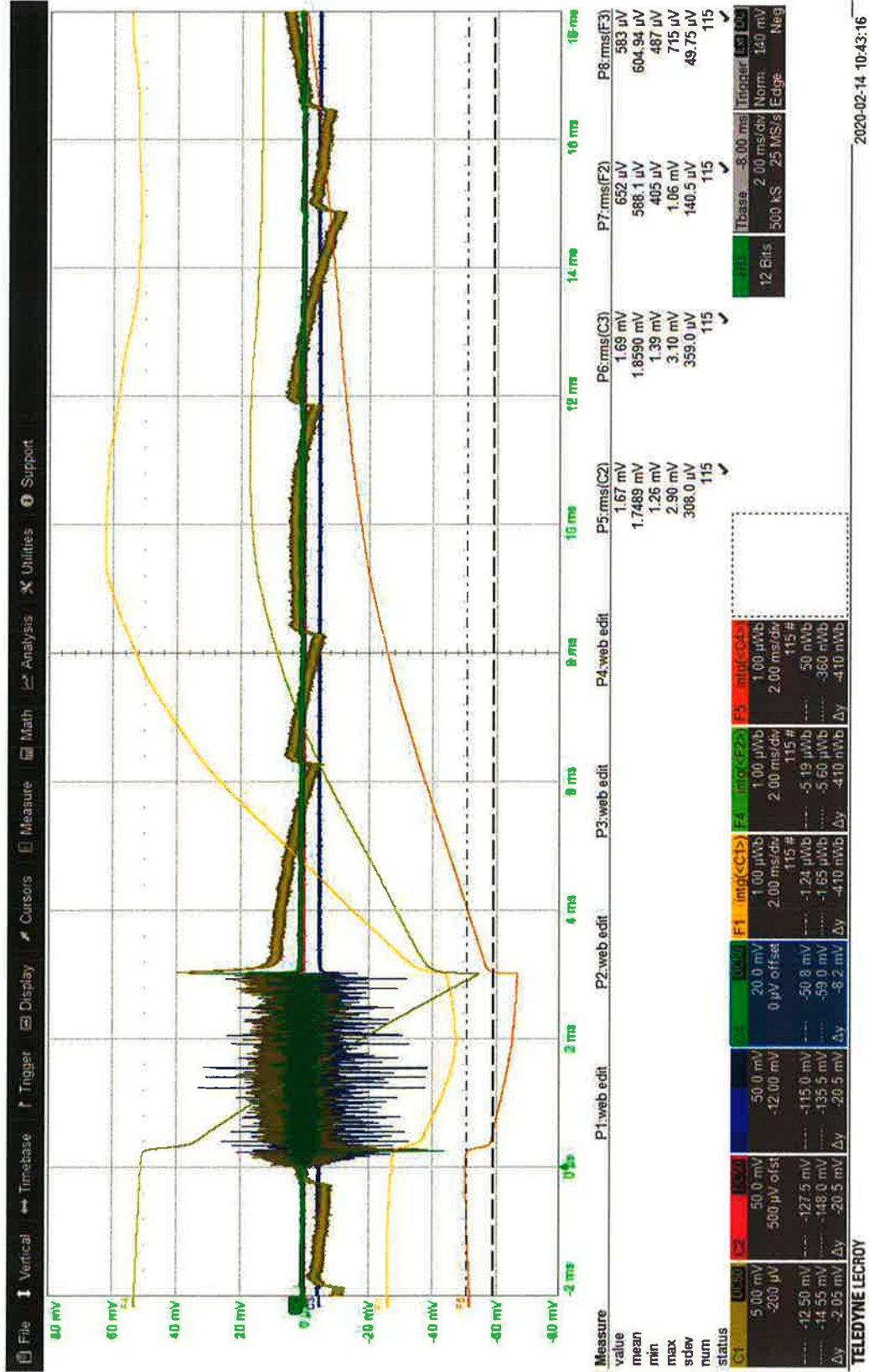


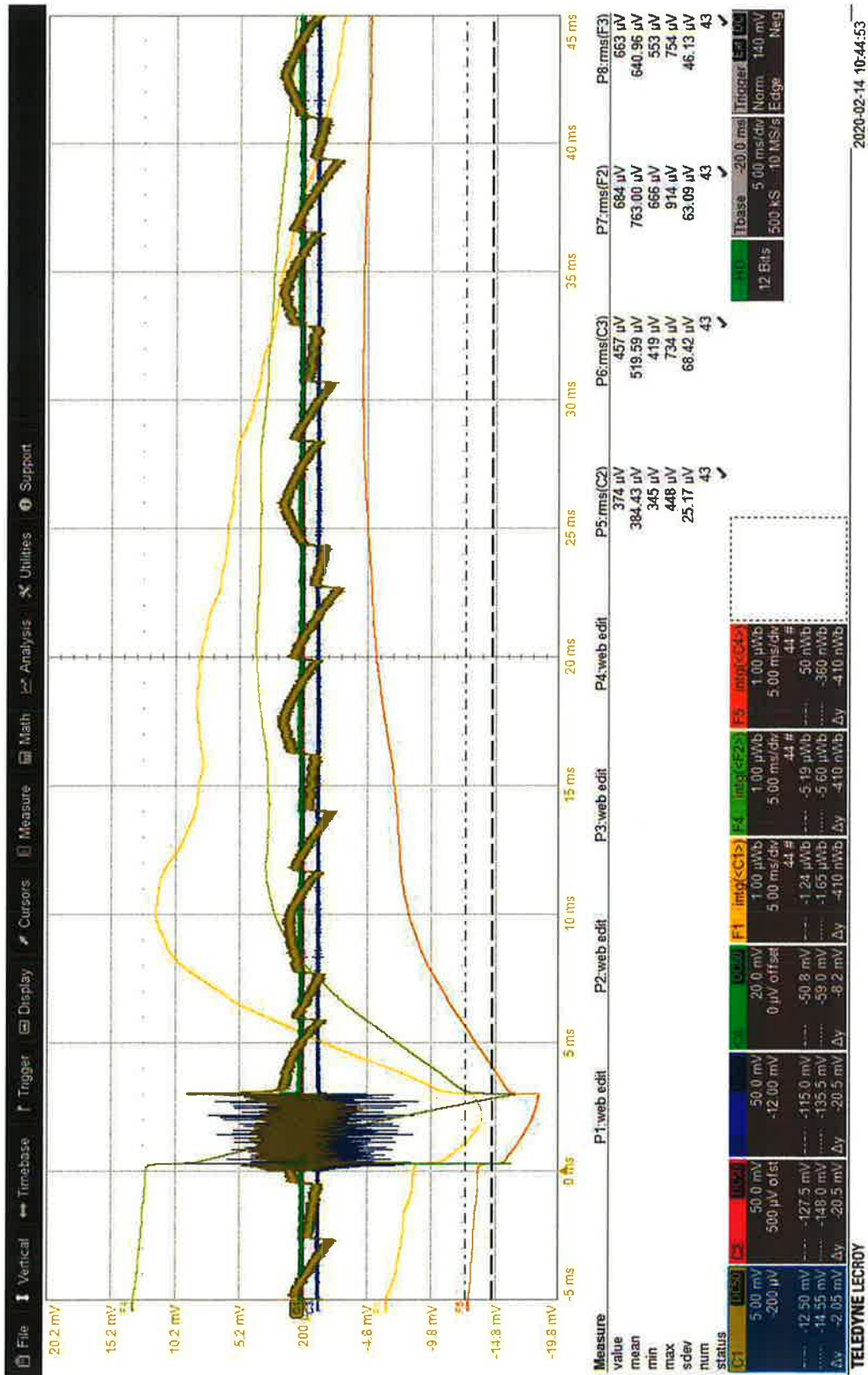
Thase -3.04 ms 1.00 ms/div 10.0 kS

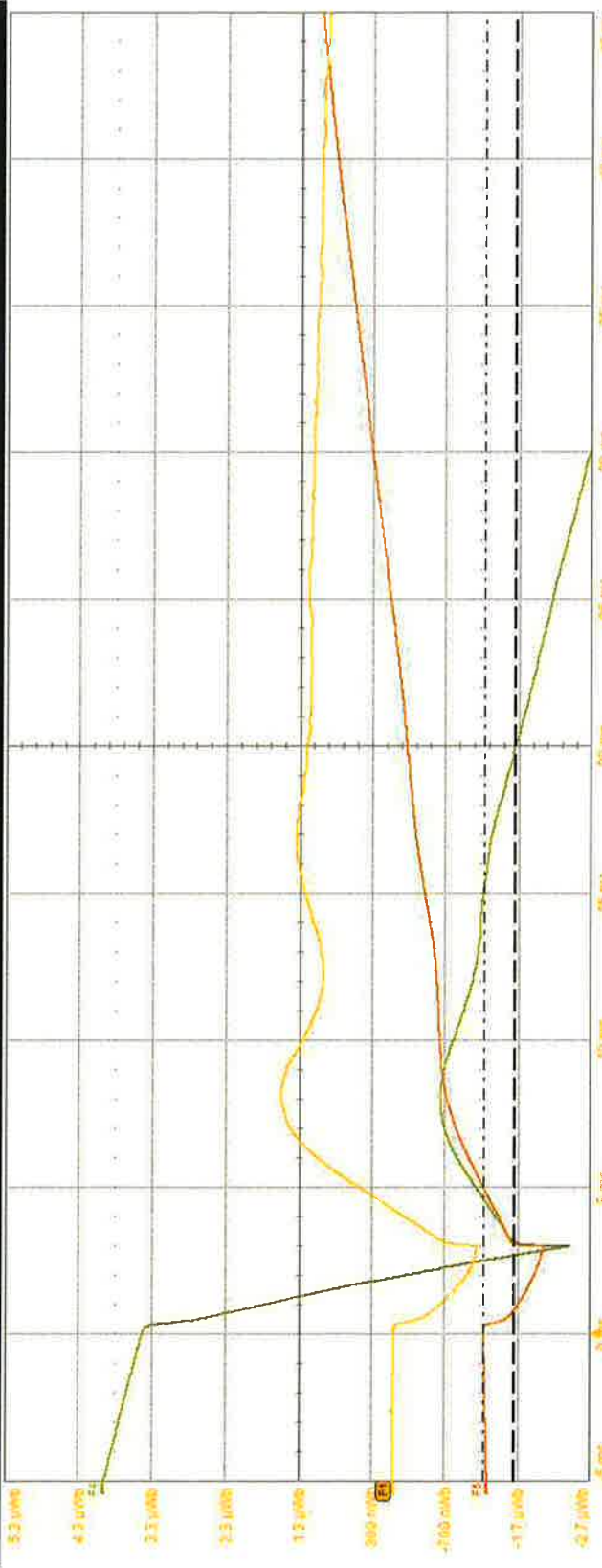
Trigger **C4 DC** Normal 200 mV Edge Negative



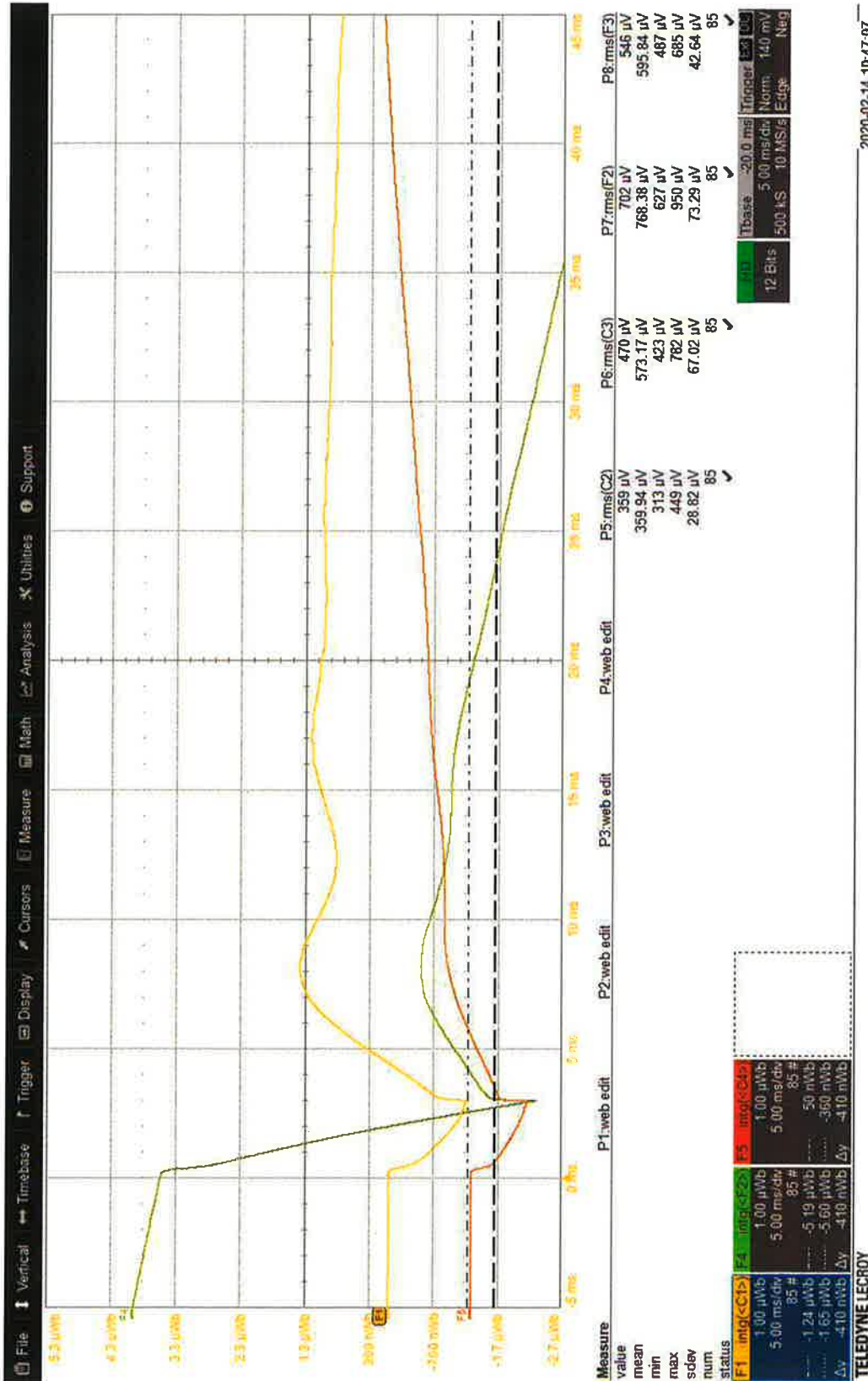


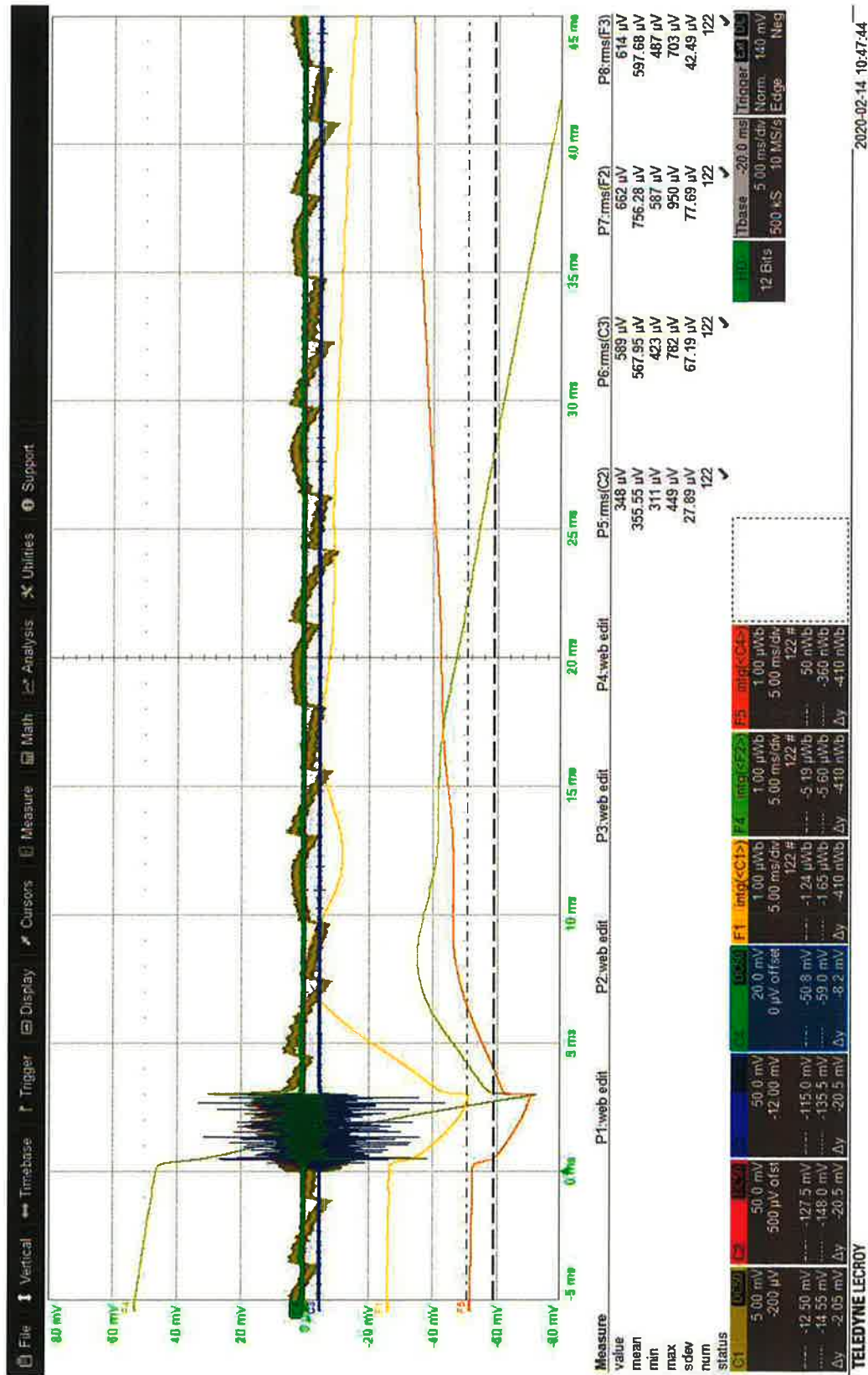


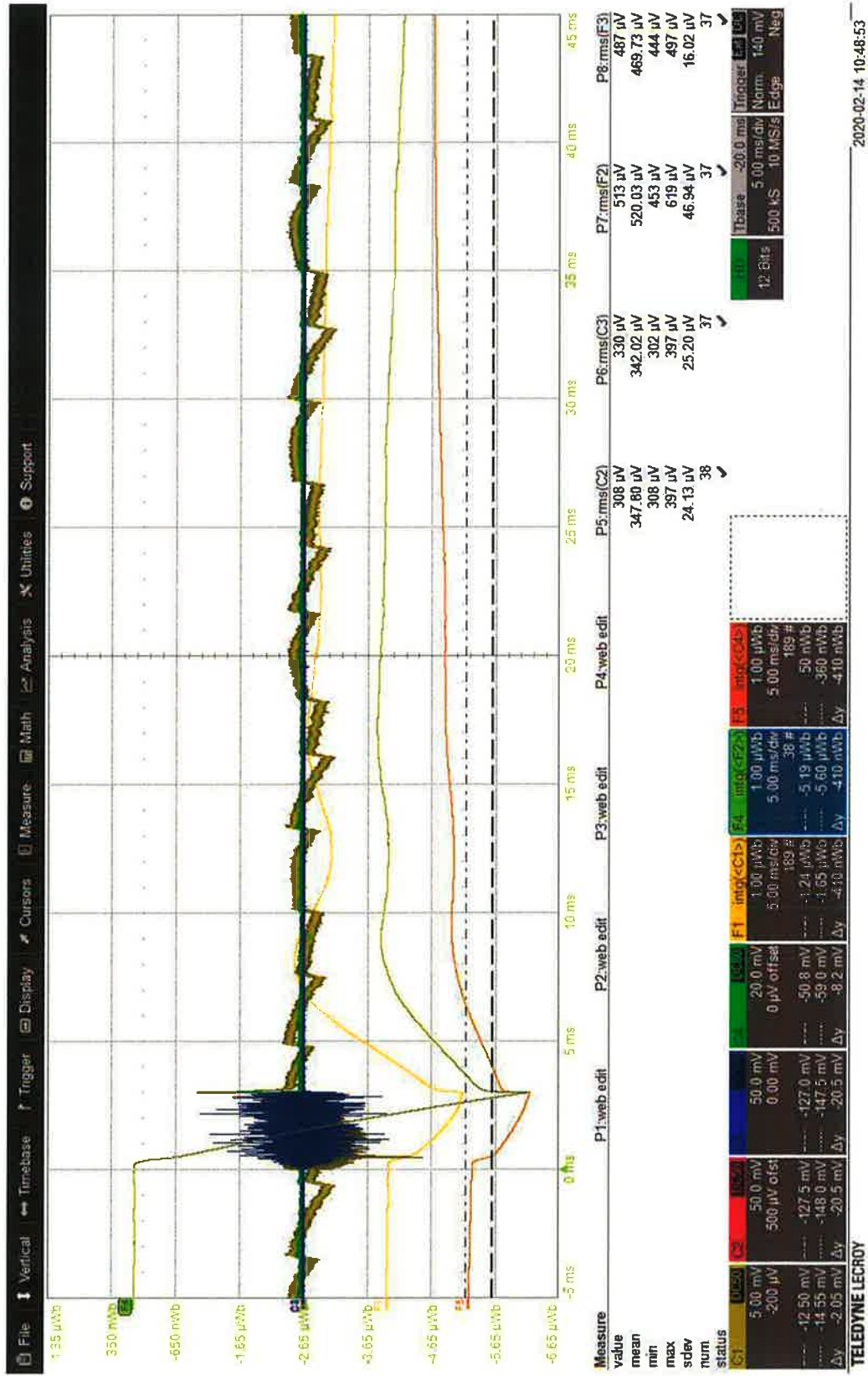


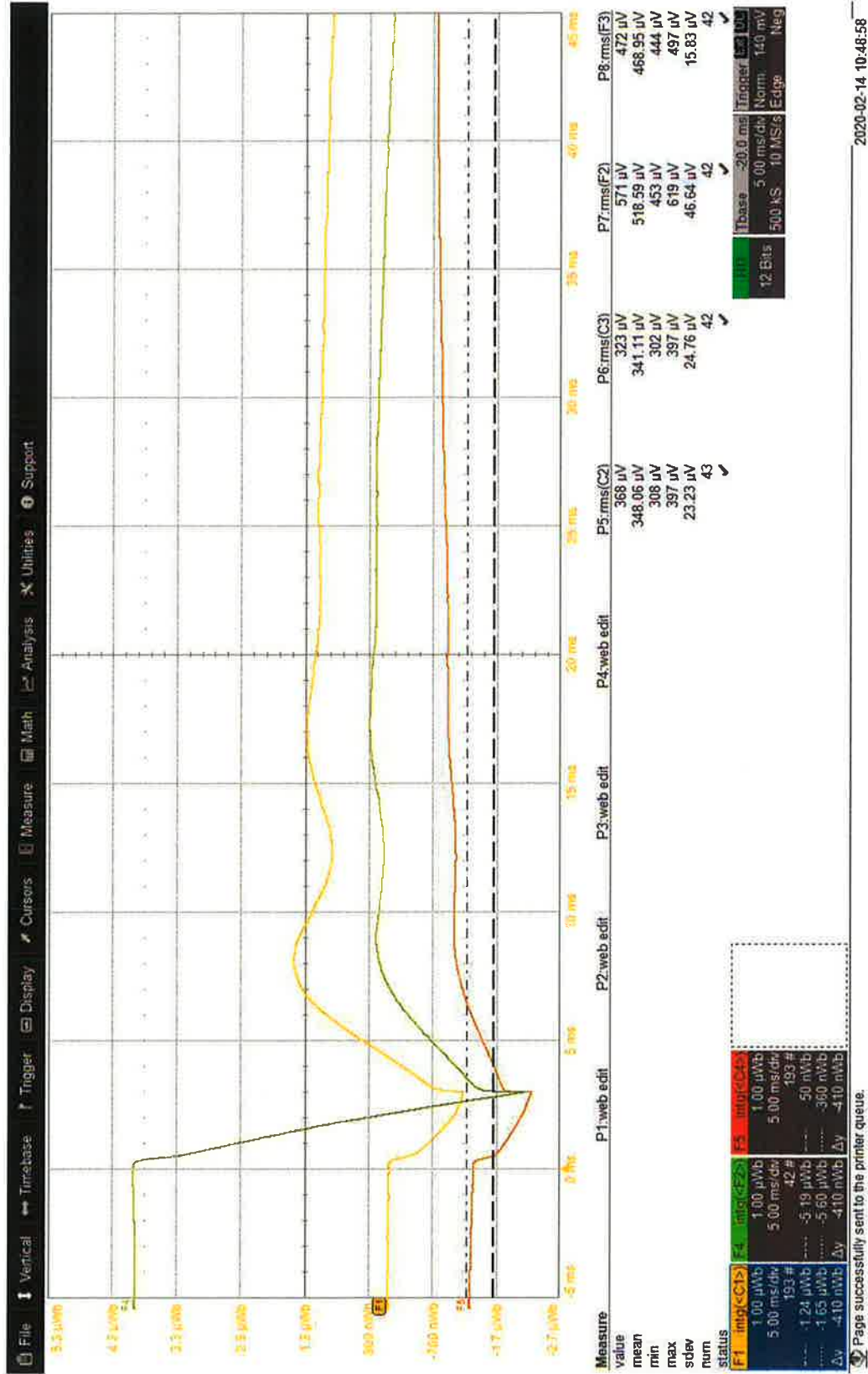


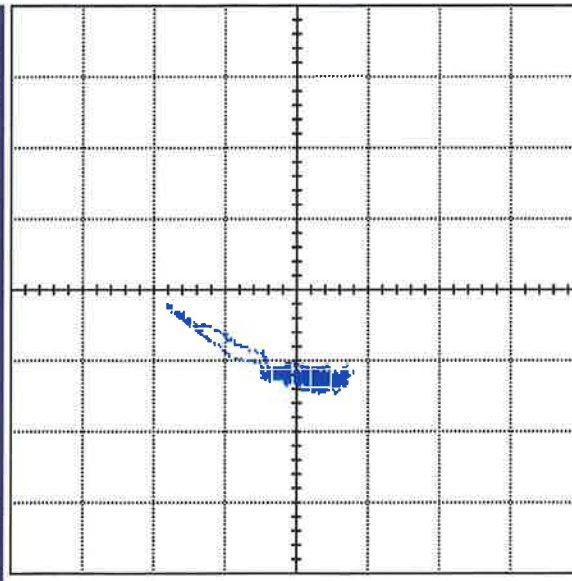
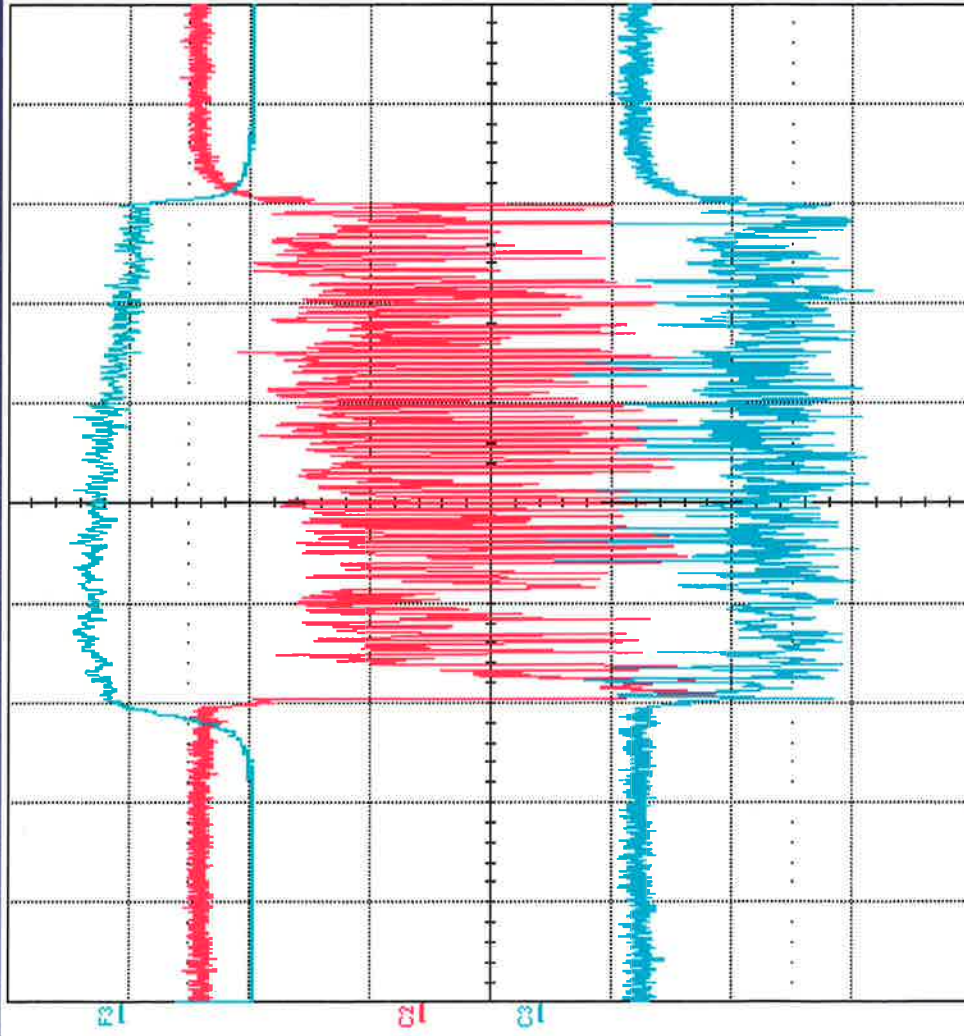
Measure	P1:web edit	P2:web edit	P3:web edit	P4:web edit	P5:ms(C2)	P6:ms(C3)	P7:ms(F2)	P8:ms(F3)
value					326 μV	505 μV	765 μV	589 μV
mean					363.84 μV	578.15 μV	781.19 μV	589.85 μV
min					313 μV	423 μV	647 μV	487 μV
max					449 μV	782 μV	950 μV	670 μV
sdev					30.55 μV	70.48 μV	73.25 μV	40.87 μV
num					59	59	59	59
status					✓	✓	✓	✓
F1: min(C1D) 1.00 μVb 5.00 ms/div 59 #	F2: min(C2D) 1.00 μVb 5.00 ms/div 59 #	F3: min(C3D) 1.00 μVb 5.00 ms/div 59 #	F4: min(C4D) 1.00 μVb 5.00 ms/div 59 #	F5: min(C5D) 1.00 μVb 5.00 ms/div 59 #				
Δy -1.24 μVb	Δy -5.19 μVb	Δy -5.60 μVb	Δy -360 nVb	Δy -410 nVb				
Δy -1.65 μVb	Δy -5.60 μVb	Δy -360 nVb	Δy -410 nVb	Δy -410 nVb				
Δy -410 nVb	Δy -410 nVb	Δy -410 nVb	Δy -410 nVb	Δy -410 nVb				
					Tbase -20.0 ms	Trigger 1.00 μVb	5.00 ms/div	Norm 140 mV
					12 Bits	500 kS	10 MS/s	Edge Neg





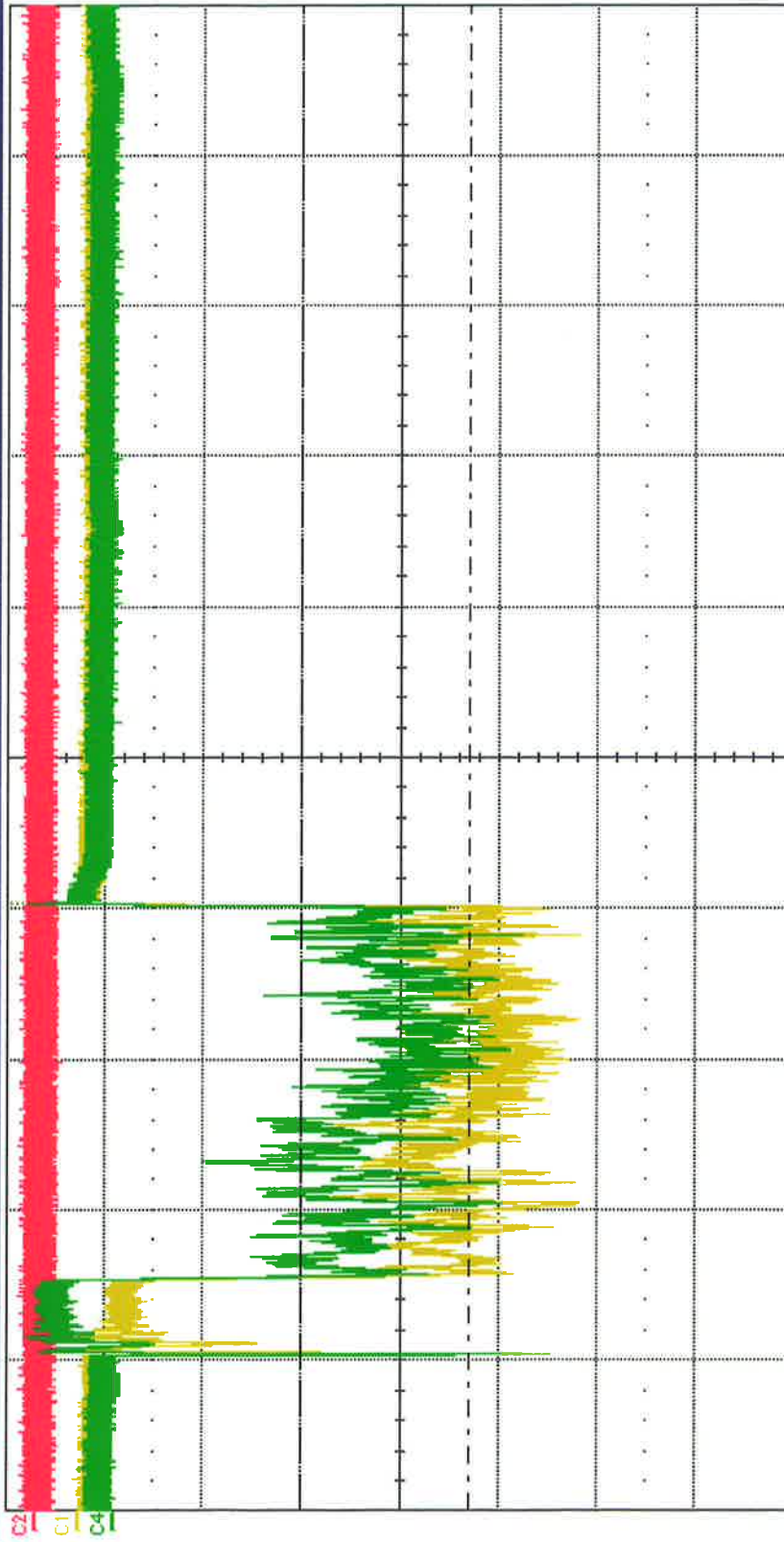






C2	DC1M	200 mV/div	112.0 mV
F3	<script>C3...	1.00/div	500 μ S/div
C3	DC1M	200 mV/div	-84.0 mV
X1 Y1 F2		200 mV/div	200 mV/div
		56 #	56 #

Tbase	-1.52 ms	Trigger	C4 DC
5.00 kS	500 μ S/div	Normal	200 mV
	1.0 MS/s	Edge	Negative



Measure

value
status

C1	DCIM	20.0 mV/div	65.00 mV crst	-79.0 mV	-45.0 mV	34.0 mV	Δy
		7.400 V offset	-8.80 V	-5.40 V	3.40 V		

C2	DCIM	20.0 mV/div	58.00 mV crst	-72.0 mV	-38.0 mV	34.0 mV	Δy
		DCIM					

C4	DCIM	20.0 mV/div	58.00 mV crst	-72.0 mV	-38.0 mV	34.0 mV	Δy
		DCIM					

Measure

value
status

C1	DCIM	20.0 mV/div	65.00 mV crst	-79.0 mV	-45.0 mV	34.0 mV	Δy
		7.400 V offset	-8.80 V	-5.40 V	3.40 V		

C2	DCIM	20.0 mV/div	58.00 mV crst	-72.0 mV	-38.0 mV	34.0 mV	Δy
		DCIM					

C4	DCIM	20.0 mV/div	58.00 mV crst	-72.0 mV	-38.0 mV	34.0 mV	Δy
		DCIM					

P1:mean(Z1)

-2.83 mV

✓

P2:mean(Z4)

3.05 mV

✓

P3:mean(C1)

> -3.99 mV

↑

P4:mean(C4)

> 2.75 mV

↑

P5:phase(C1,C4)

P6:---

Timebase	-4.00 ms	Trigger	Est/10	DC
	1.00 ms/div	Normal	200 mV	
	1.00 MS	Edge	Negative	

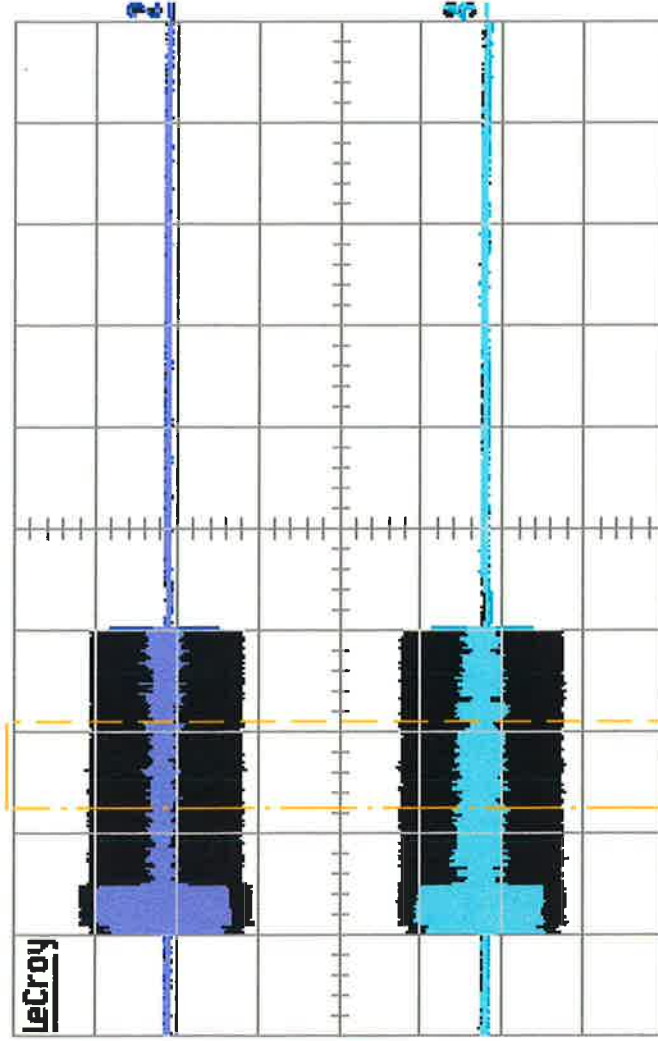
14-Feb-20
10:45:55

1 1 ms
0.50 V

2 1 ms
200 mV

3 1 ms
0.50 V

4 1 ms
200 mV



100 sweeps:

	average	low	high	sigma
rms(1)	325.2mV	318.4	329.8	2.3
rms(2)	20.8mV	17.6	25.1	1.6
rms(3)	341.3mV	336.8	344.6	1.8
rms(4)	32.8mV	22.5	38.4	3.4
phase(1,3)	-8 °	-145	68	88

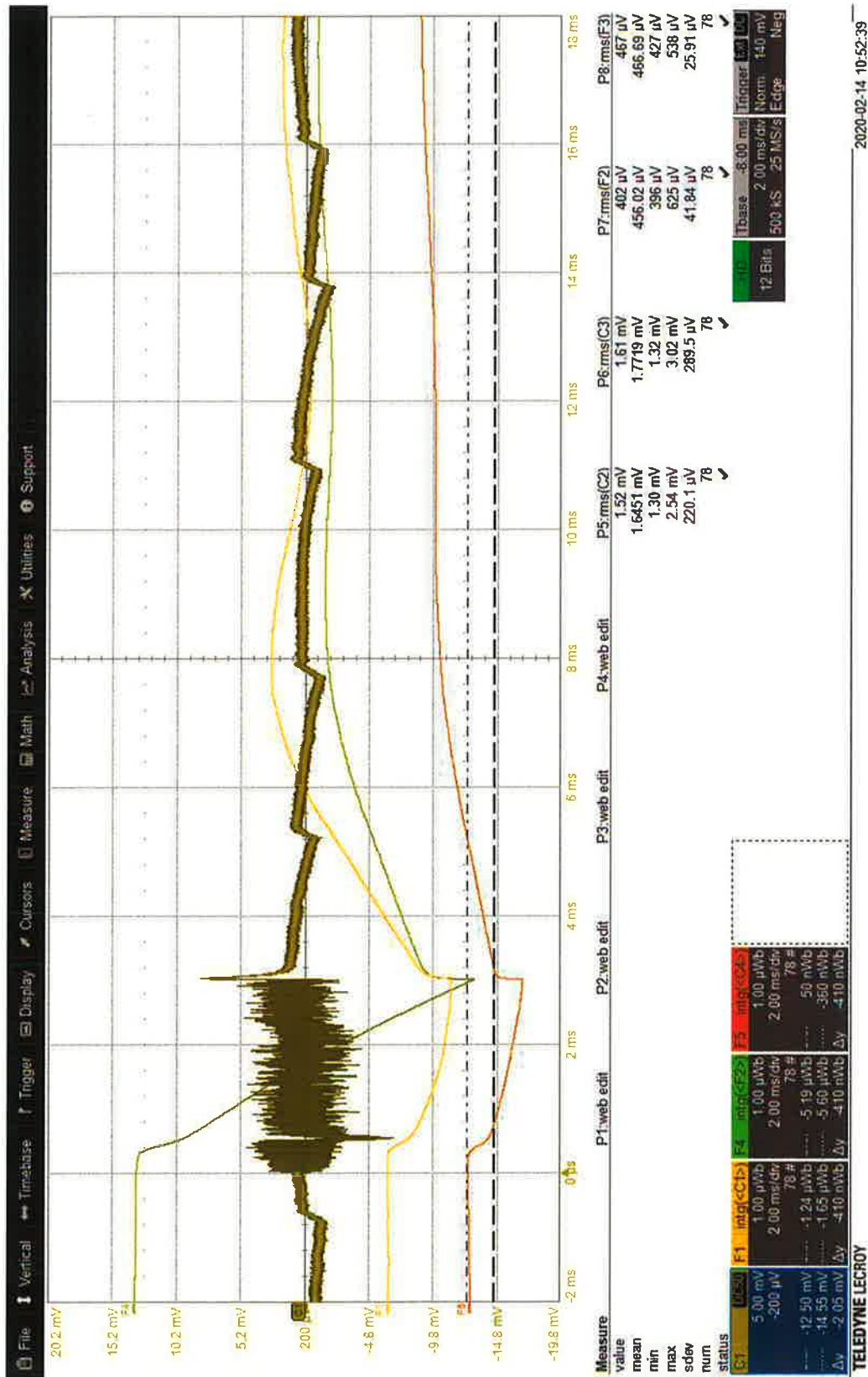
1 ms

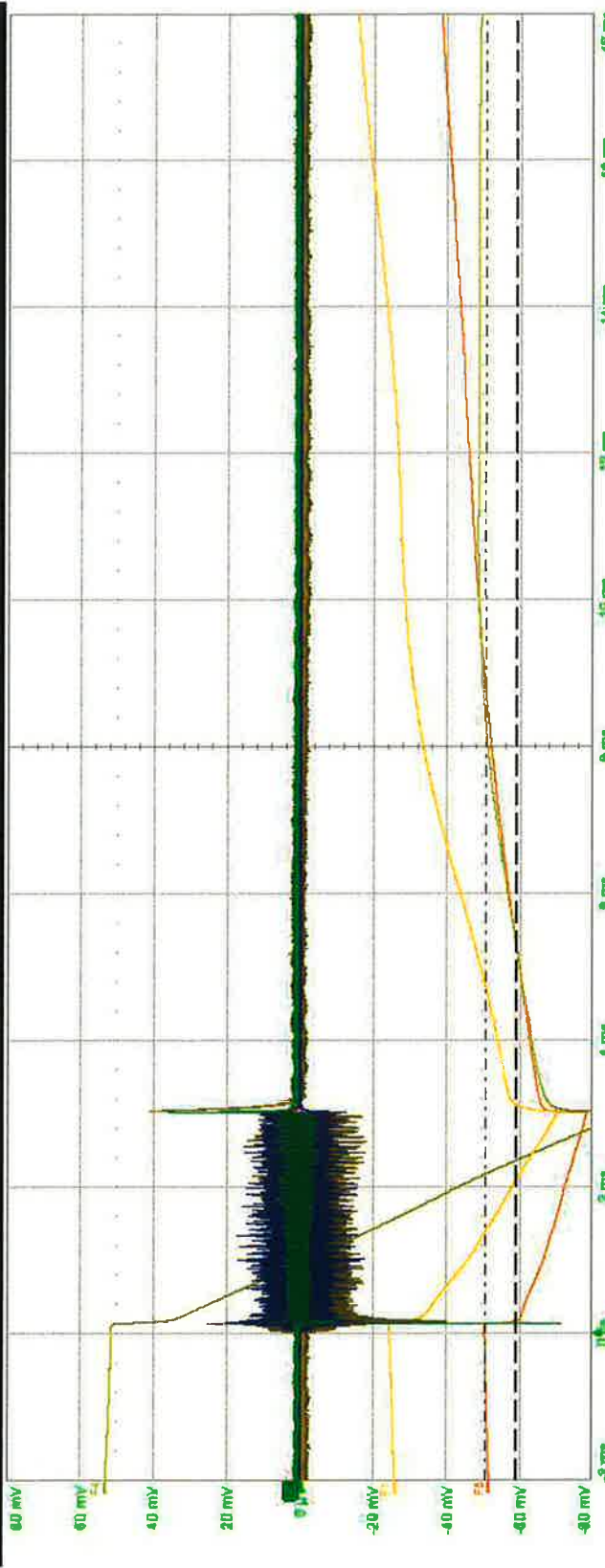
1 .5 V AC
2 .2 V AC
3 .5 V AC
4 .2 V AC

10 MS/s

Ext10 DC 0.15 V 50Ω

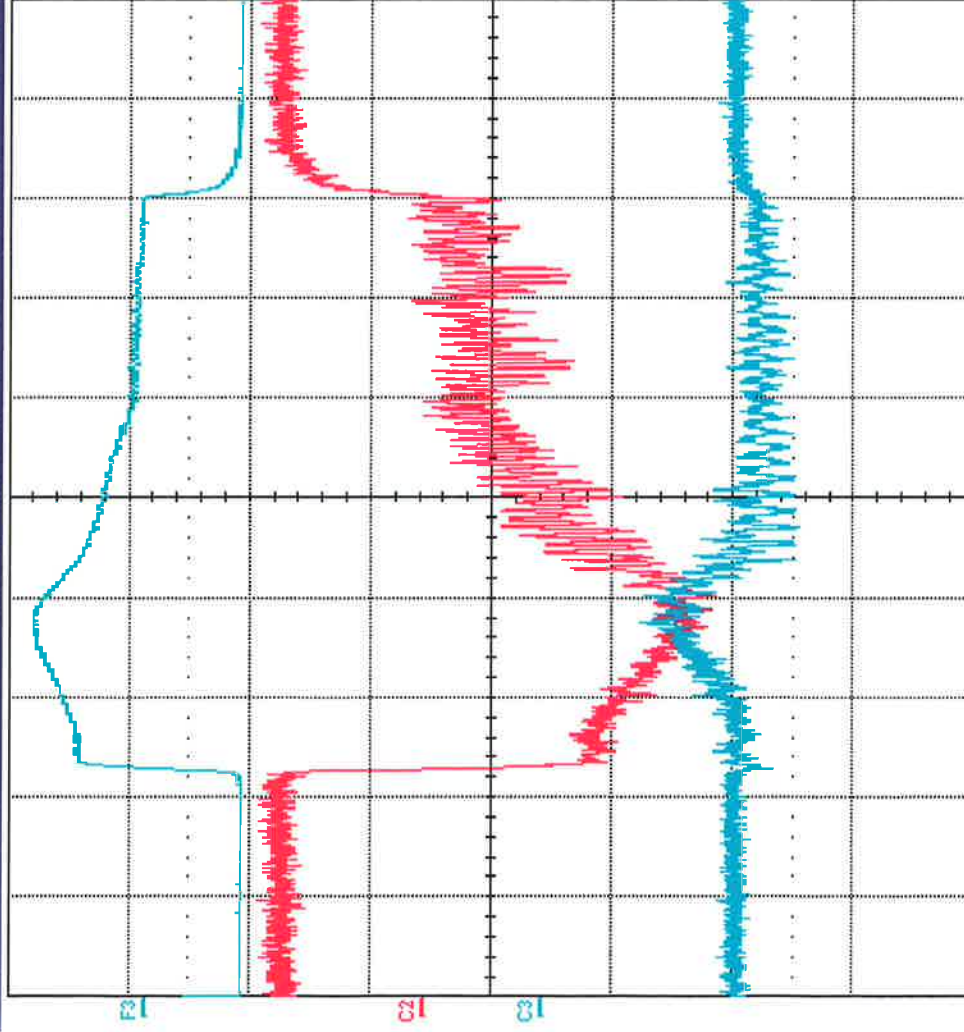
☐ NORMAL



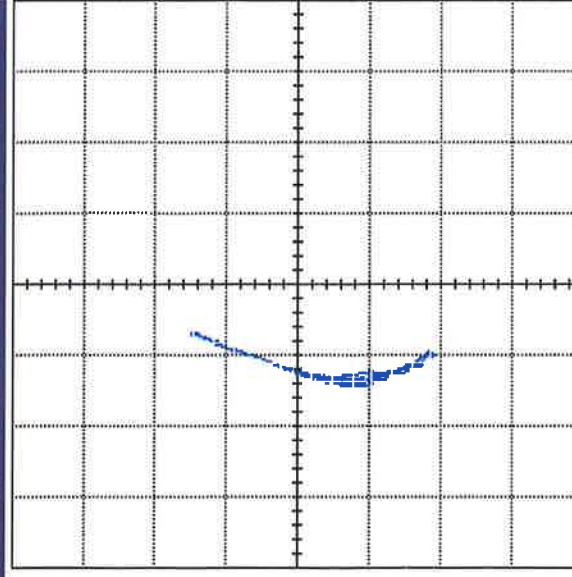


Measure	P1:web edit	P2:web edit	P3:web edit	P4:web edit	P5:ms(C2)	P6:ms(C3)	P7:ms(F2)	P8:ms(F3)
value	50.0 mV	20.0 mV	1.00 μ B	1.00 μ B	2.09 mV	2.12 mV	372 μ V	471 μ V
mean	50.0 mV	0.00 mV	1.00 μ B	1.00 μ B	2.0842 mV	2.1384 mV	380.56 μ V	453.05 μ V
min	-14.55 mV	-148.0 mV	-1.65 μ B	-1.65 μ B	1.86 mV	1.97 mV	368 μ V	416 μ V
max	-12.50 mV	-127.0 mV	-1.24 μ B	-1.24 μ B	2.43 mV	2.48 mV	416 μ V	499 μ V
sdev	-2.05 mV	-20.5 mV	-410 nWb	-410 nWb	109.6 μ V	113.4 μ V	11.95 μ V	22.36 μ V
num	37	37	37	37	37	37	37	37
status	OK	OK	OK	OK	OK	OK	OK	OK

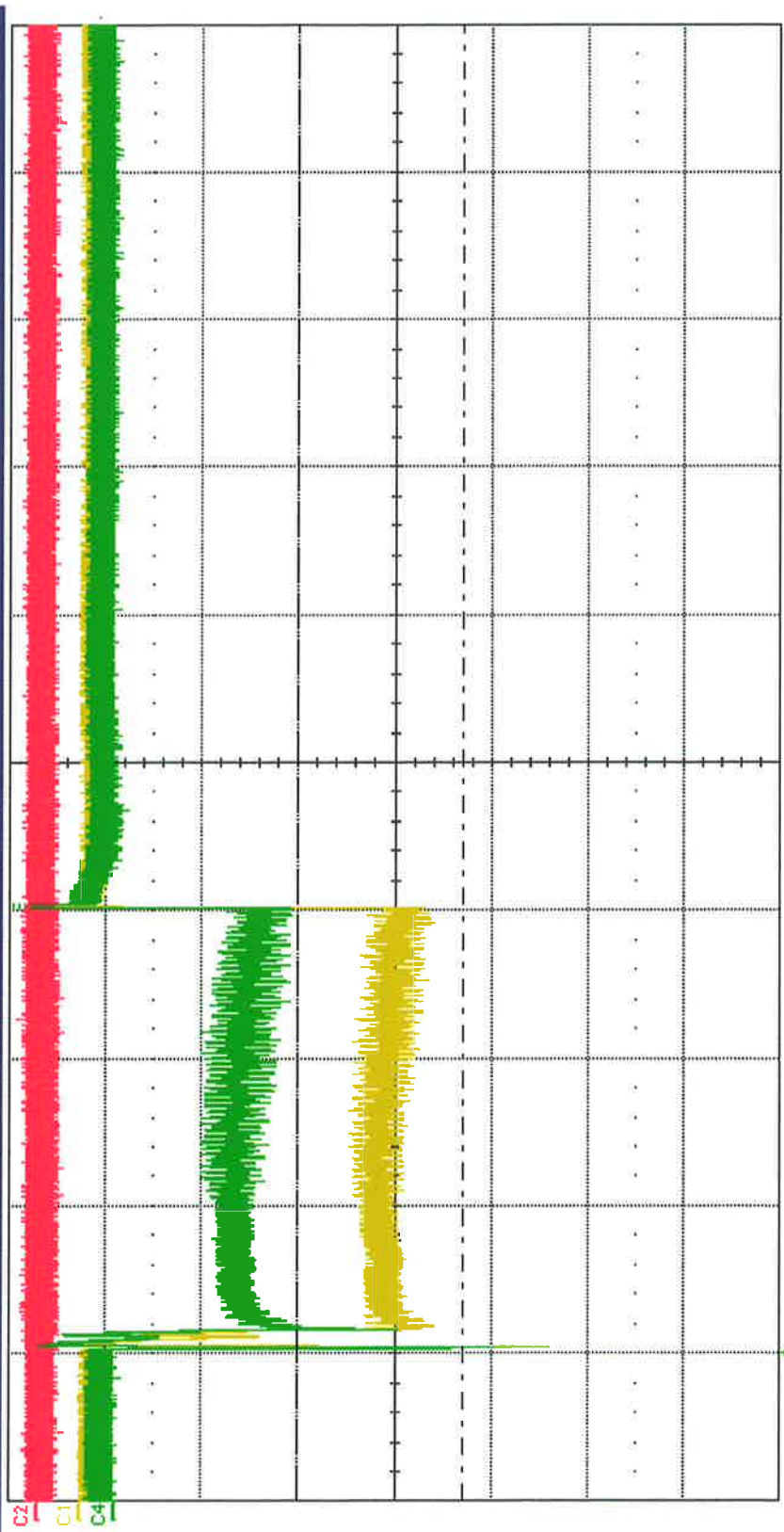
CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
value	50.0 mV	50.0 mV	50.0 mV	50.0 mV	50.0 mV	50.0 mV	50.0 mV	50.0 mV
mean	50.0 mV	0.00 mV	0.00 mV	0.00 mV	0.00 mV	0.00 mV	0.00 mV	0.00 mV
min	-14.55 mV	-148.0 mV	-1.65 μ B	-1.65 μ B	-1.65 μ B	-1.65 μ B	-1.65 μ B	-1.65 μ B
max	-12.50 mV	-127.0 mV	-1.24 μ B	-1.24 μ B	-1.24 μ B	-1.24 μ B	-1.24 μ B	-1.24 μ B
sdev	-2.05 mV	-20.5 mV	-410 nWb	-410 nWb	-410 nWb	-410 nWb	-410 nWb	-410 nWb
num	37	37	37	37	37	37	37	37
status	OK	OK	OK	OK	OK	OK	OK	OK



C2	DC1M	200 mV/div	1120 mV
C3	DC1M	200 mV/div	-84.0 mV
F3	<script>C3...</script>	1.00/div	500 μ S/div
X-Y	X-Y F2	200 mV/div	200 mV/div
			73 #



Tbase	-1.52 ms	Trigger	C4 DC
	500 μ S/div	Normal	200 mV
	5.00 kS	Edge	Negative



Measure	P1:mean(Z1)	P2:mean(Z4)	P3:mean(C1)	P4:mean(C4)	P5:phase(C1,C4)	P6:---
value	-3.05 mV	2.37 mV	> -3.89 mV	> 2.72 mV	---	
status	✓	✓	↑	↑		

C1	DCIM	20.0 mV/div	65.00 mV crst	---	-79.0 mV	-45.0 mV	34.0 mV	Δy
C2	DCIM	2.00 V/div	7.400 V offset	---	-8.80 V	-5.40 V	3.40 V	Δy
C4	DCIM	20.0 mV/div	58.00 mV crst	---	-72.0 mV	-38.0 mV	34.0 mV	Δy

Timebase	-4.00 ms	Trigger	Ext/10 DC
	1.00 ms/div		Normal
	1.00 MS		Edge
			Negative

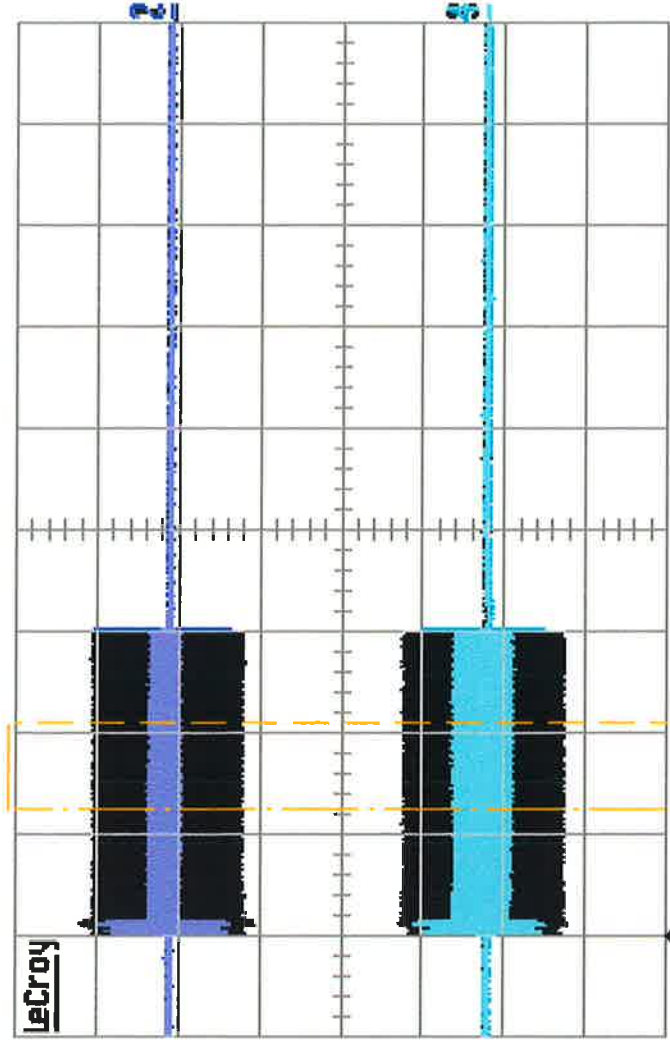
14-Feb-20
10:51:24

1 1 ms
0.50 V

2 1 ms
200 mV

3 1 ms
0.50 V

4 1 ms
200 mV



73 sweeps:

	average	low	high	sigma
rms(1)	321.3mV	318.2	324.4	1.8
rms(2)	28.7mV	27.5	29.7	0.5
rms(3)	342.5mV	339.4	345.3	1.7
rms(4)	48.4mV	47.1	49.1	0.4
phase(1,3)	-7°	-145	64	88

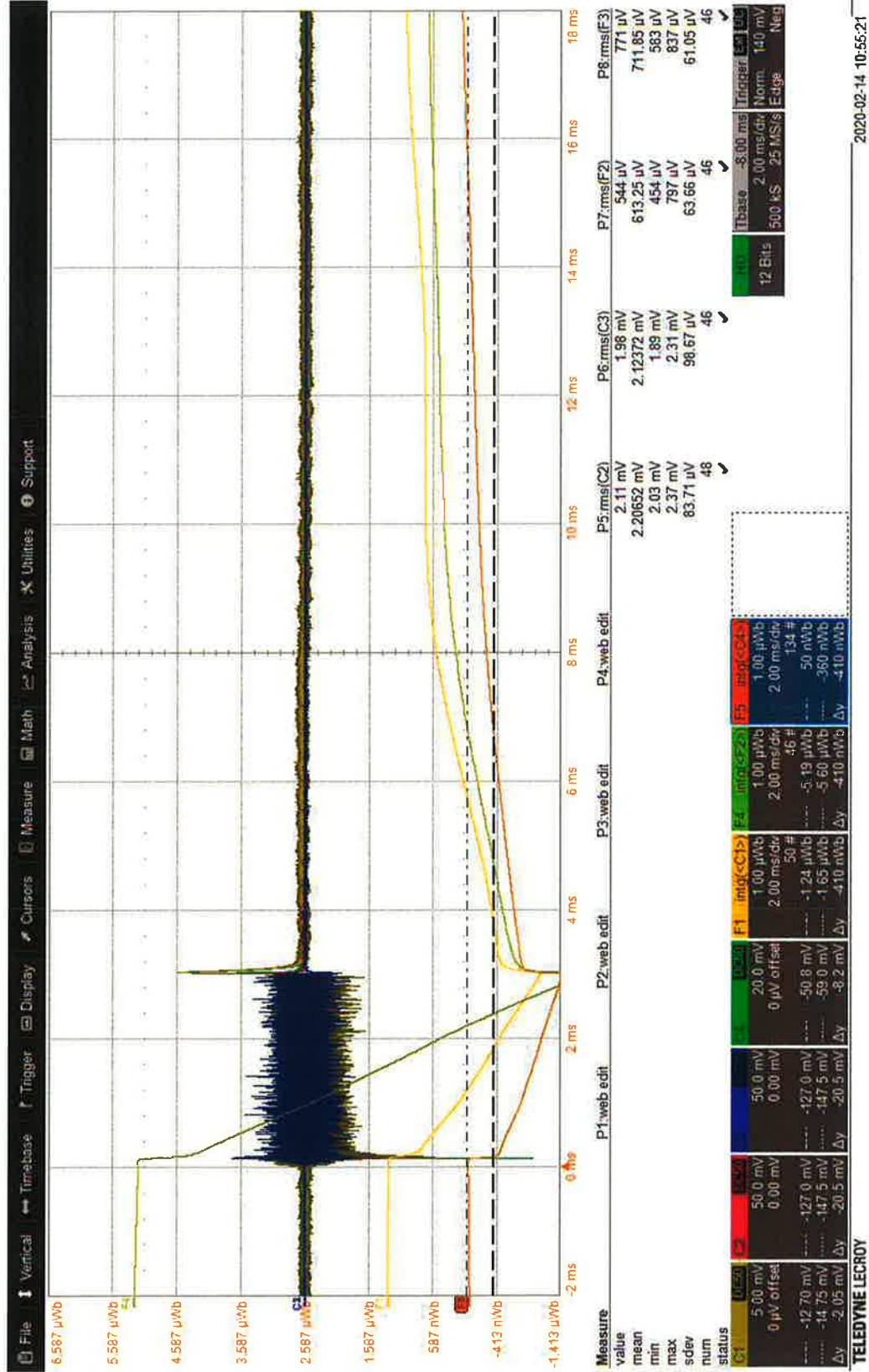
1 ms

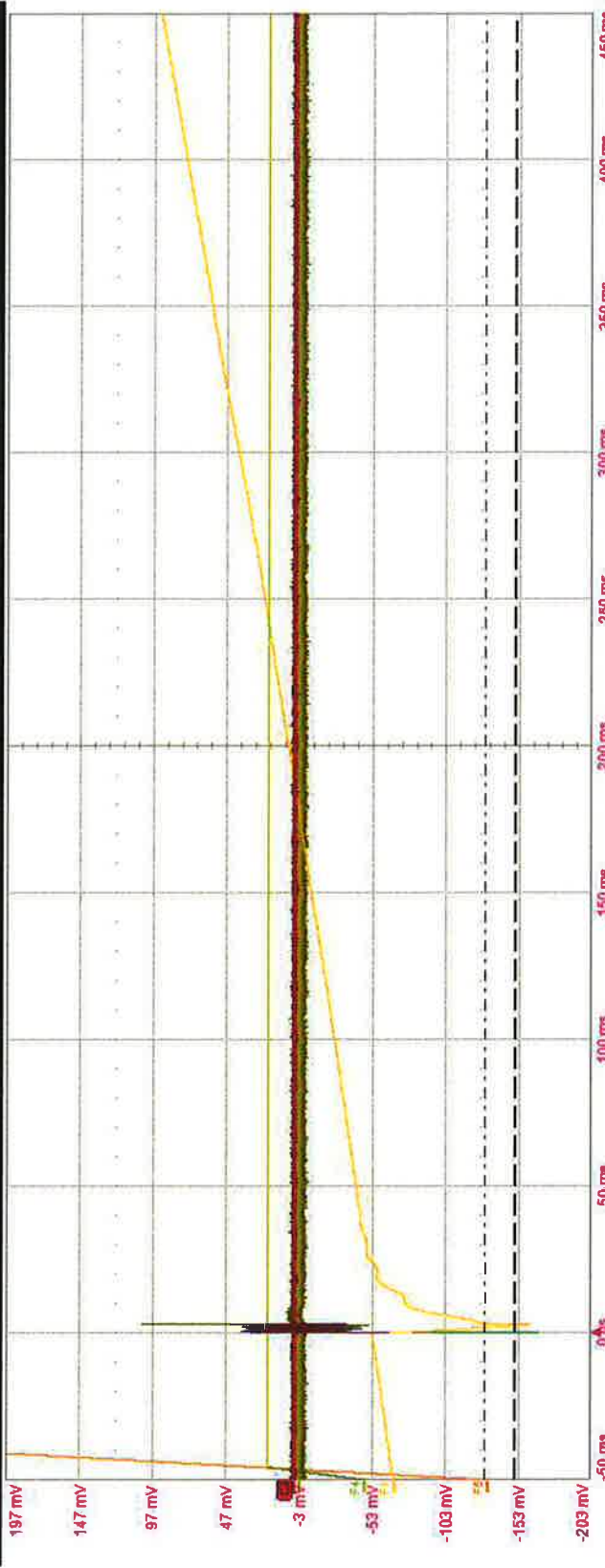
1 .5 V AC
2 .2 V AC
3 .5 V AC
4 .2 V AC

10 MS/s

Ext10 DC 0.15 V 50Ω

☐ NORMAL





Measure	P1:web edit	P2:web edit	P3:web edit	P4:web edit	P5:ms(C2)	P6:ms(C3)	P7:ms(F2)	P8:ms(F3)
value	50.0 mV	20.0 mV	1.00 μ Vb	1.00 μ Vb	502 μ V	314 μ V	442 μ V	690 μ V
mean	0 μ V offset	0 μ V offset	50.0 ms/div	50.0 ms/div	473.75 μ V	314.48 μ V	453.62 μ V	657.63 μ V
min	-127.0 mV	-50.8 mV	-1.65 μ Vb	-1.65 μ Vb	401 μ V	293 μ V	392 μ V	587 μ V
max	-147.5 mV	-59.0 mV	-2.06 μ Vb	-2.06 μ Vb	532 μ V	379 μ V	513 μ V	753 μ V
sdev	-130.0 mV	-127.0 mV	-1.24 μ Vb	-1.24 μ Vb	26.40 μ V	15.50 μ V	24.25 μ V	37.19 μ V
num	-20.5 mV	-8.2 mV	-4.10 nVb	-4.10 nVb	33	119	33	33
status	Δy	Δy	Δy	Δy	33	119	33	33

C1	C2	C3	C4	C5
50.0 mV	20.0 mV	1.00 μ Vb	1.00 μ Vb	1.00 μ Vb
0 μ V offset	0 μ V offset	50.0 ms/div	50.0 ms/div	50.0 ms/div
-127.0 mV	-50.8 mV	-1.65 μ Vb	-1.65 μ Vb	-1.65 μ Vb
-147.5 mV	-59.0 mV	-2.06 μ Vb	-2.06 μ Vb	-2.06 μ Vb
-130.0 mV	-127.0 mV	-1.24 μ Vb	-1.24 μ Vb	-1.24 μ Vb
-20.5 mV	-8.2 mV	-4.10 nVb	-4.10 nVb	-4.10 nVb
Δy	Δy	Δy	Δy	Δy

