

RMF into vacuum, 3ms, RMF pickup visible in CCFB

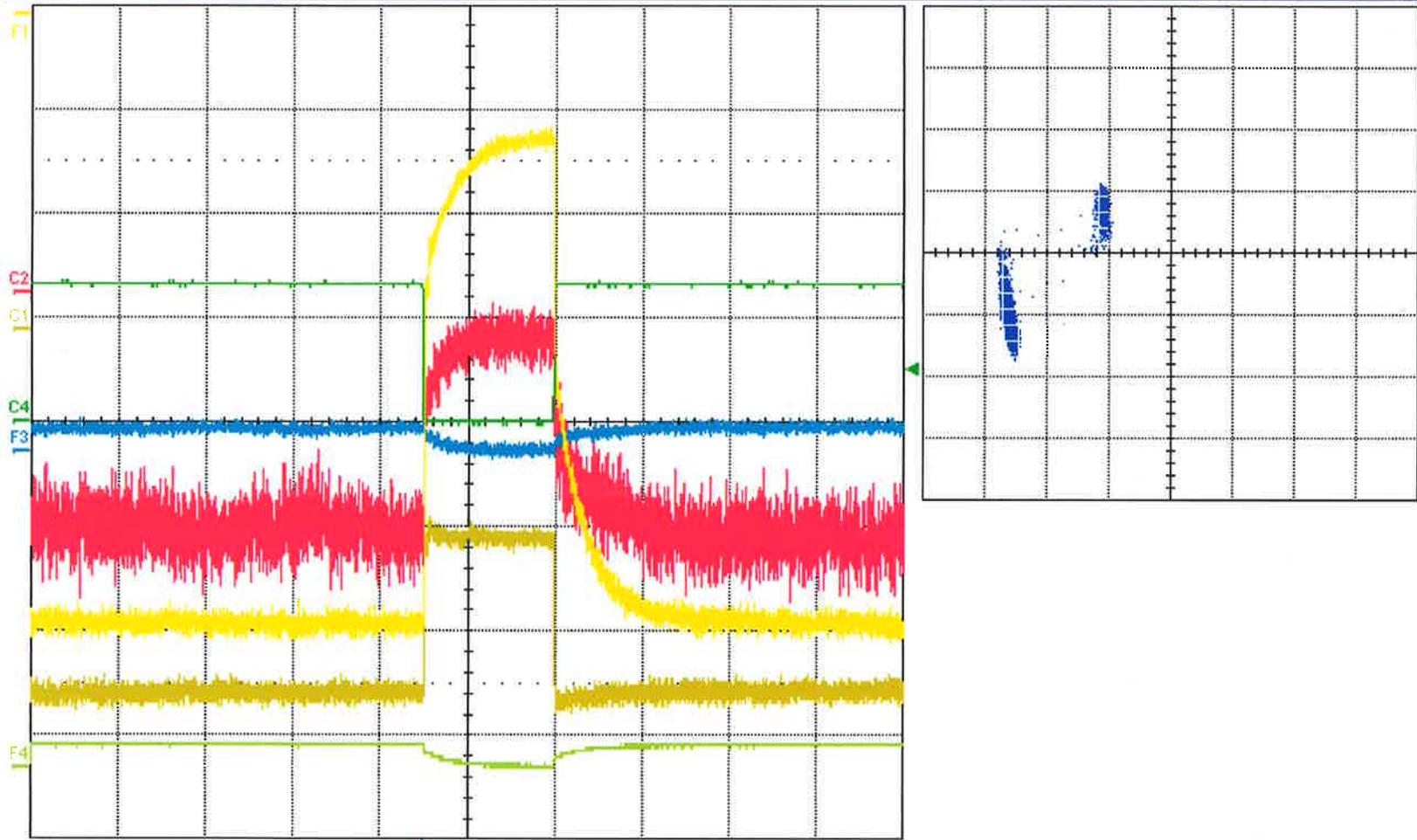


CCFB

Print Now

12/5/2019 10:36:29 AM

File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help

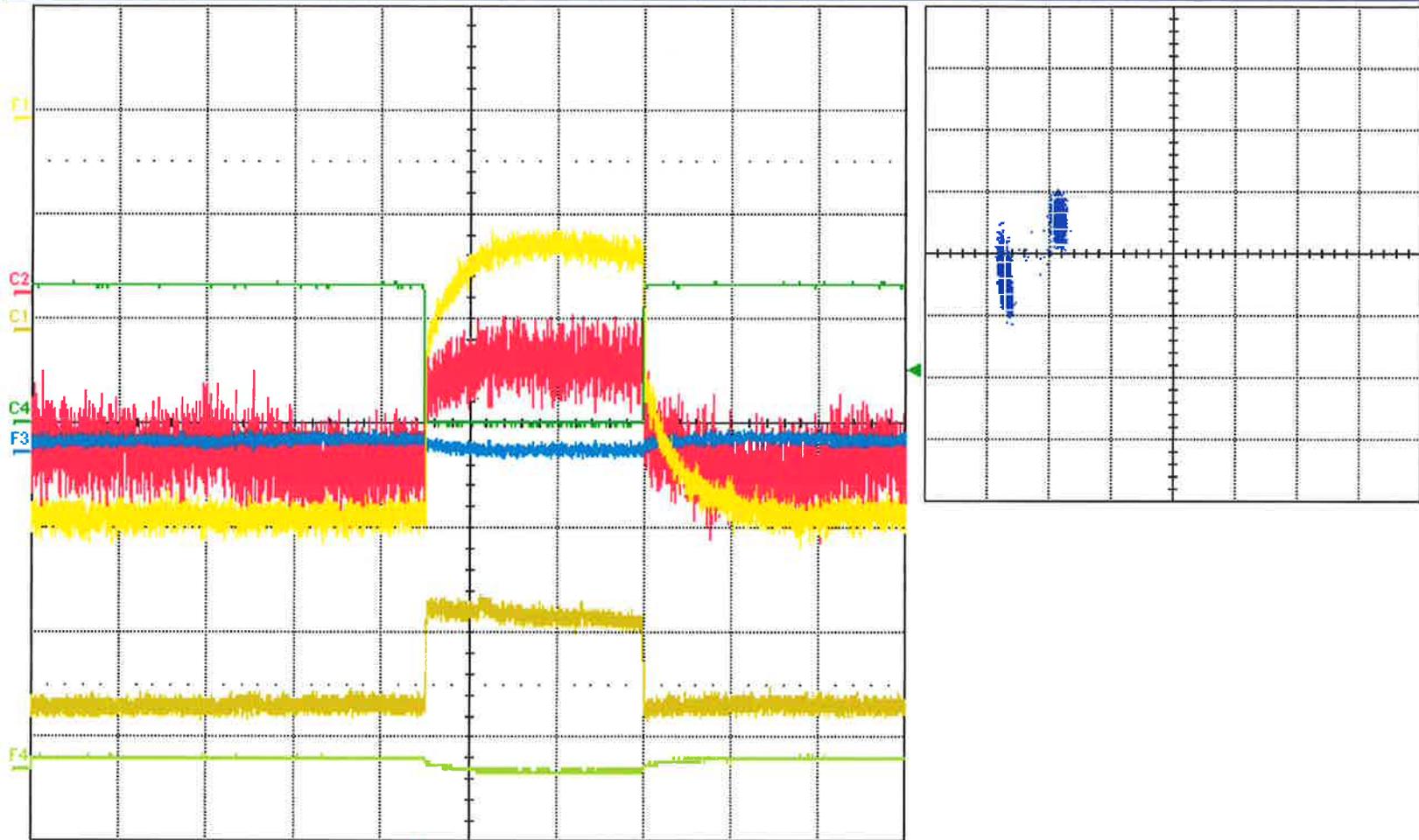


C1	D1	C2	D1	C4	F D1	F1	<C2>	F3	script(...)	F4	<F3>	X Y	X C1...
100 mV	50 mV	50 mV	62 mV	2.00 V	0 mV	20 mV	1.00	1.00	1.00	1.00	2.0 ms	50 mV	100 mV
88 mV	62 mV					2.0 ms	2.0 ms	2.0 ms	2.0 ms	2.0 ms	75 #		

Tbase	-1.04 ms	Trigger	C4 DD
	2.00 ms/div	Normal	1.00 V
10.0 kS	500 kS/s	Edge	Negative

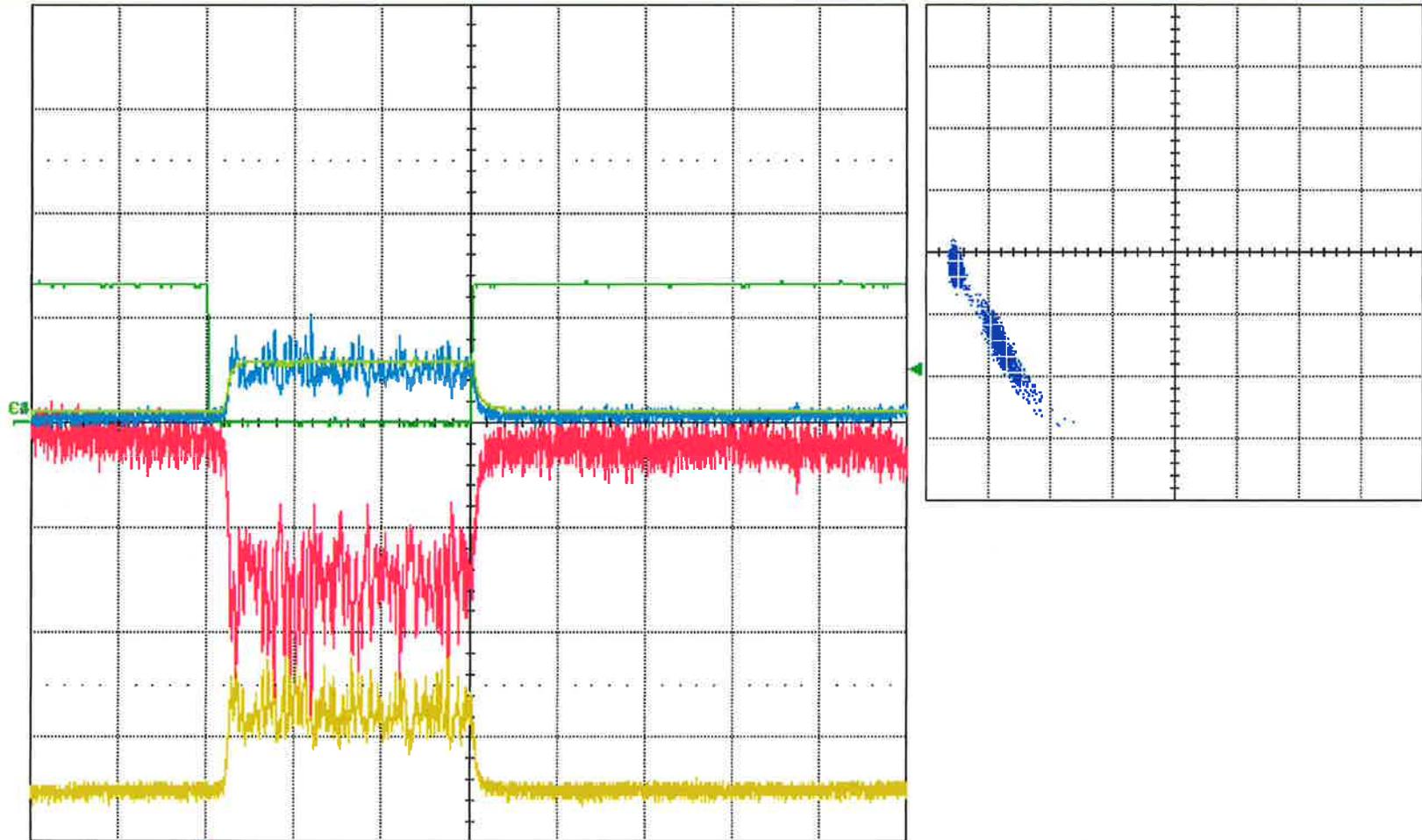
LeCroy

12/5/2019 11:30:23 AM



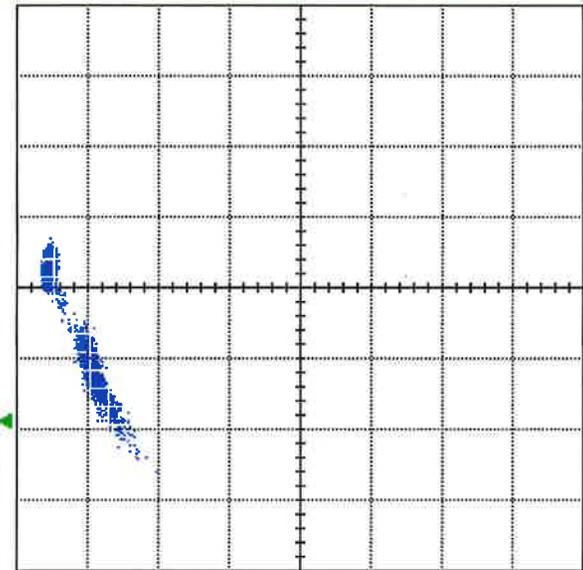
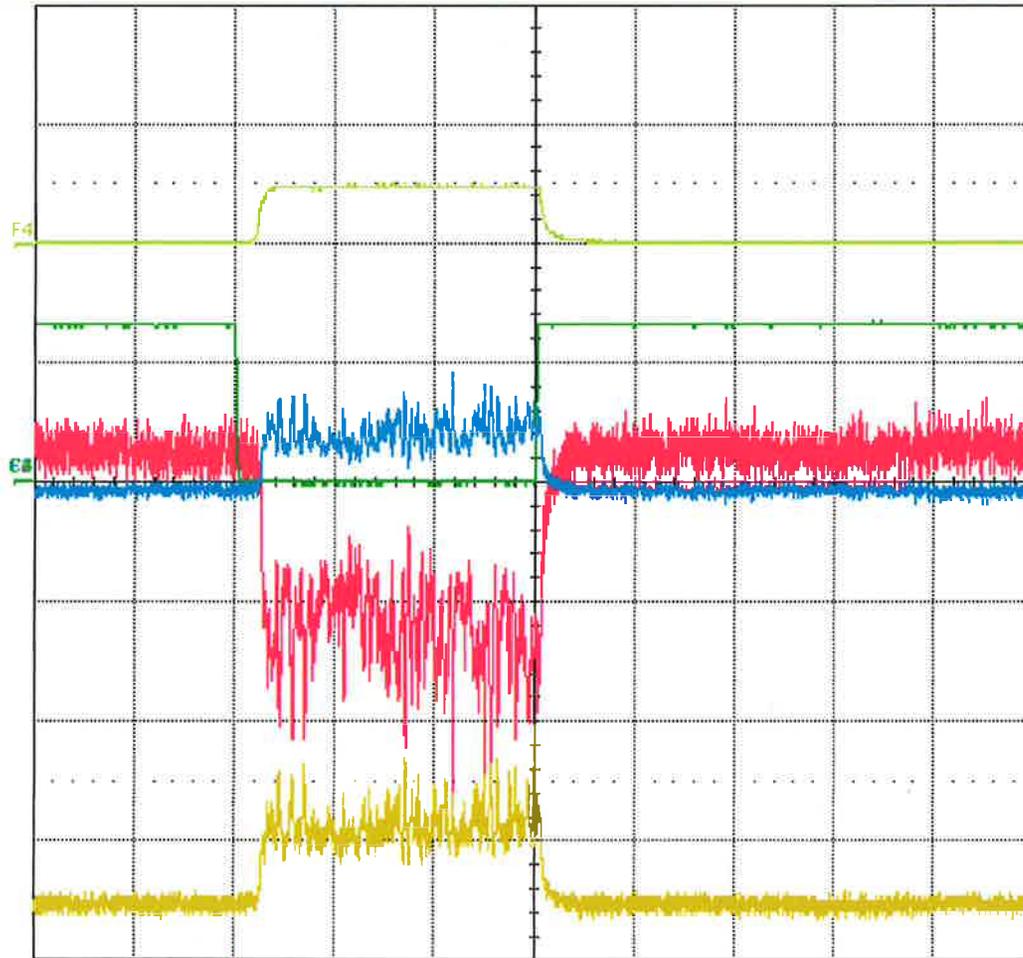
C1	D1	C2	D1	C4	D1	F1	<C2>	F3	script(...)	F4	<F3>	XY	XCl...
100 mV		50 mV		2.00 V		20 mV		1.00		1.00		50 mV	
88 mV		62 mV		0 mV		2.0 ms		2.0 ms		2.0 ms		100 mV	
						47 #		2.0 ms		47 #			

Tbase	-1.04 ms	Trigger	C4 DC
	2.00 ms/div		Normal 1.00 V
10.0 kS	500 kS/s		Edge Negative



C1	D1	C2	D1	C4	F1 D1	F3 script(...)	F4	<F3>	XY	XCl...
100 mV	100 mV	100 mV	100 mV	2.00 V	1.00	1.00	1.00	1.00	100 mV	100 mV
0.0 mV	0.0 mV	0.0 mV	0.0 mV	0 mV	1.0 ms	1.0 ms	1.0 ms	155 #	100 mV	100 mV

Tbase	-2.98 ms	Trigger	C4 DC
	1.00 ms/div	Normal	1.00 V
	5.00 kS	Edge	Negative



C1	D1	C2	D1	C4	F1	F3 script...	F4	<F3>	XY	XC1...
100 mV	100 mV	100 mV	100 mV	2.00 V	1.00	1.00	1.00	1.00	100 mV	100 mV
0.0 mV	0.0 mV	0.0 mV	0.0 mV	0 mV	1.0 ms	1.0 ms	1.0 ms	1.0 ms	500 kS/s	500 kS/s
							453 #			

Tbase	-2.98 ms	Trigger	C4 DC
	1.00 ms/div	Normal	1.00 V
5.00 kS	500 kS/s	Edge	Negative

5-Dec-19
13:18:16

1
.5 ms
0.50 V

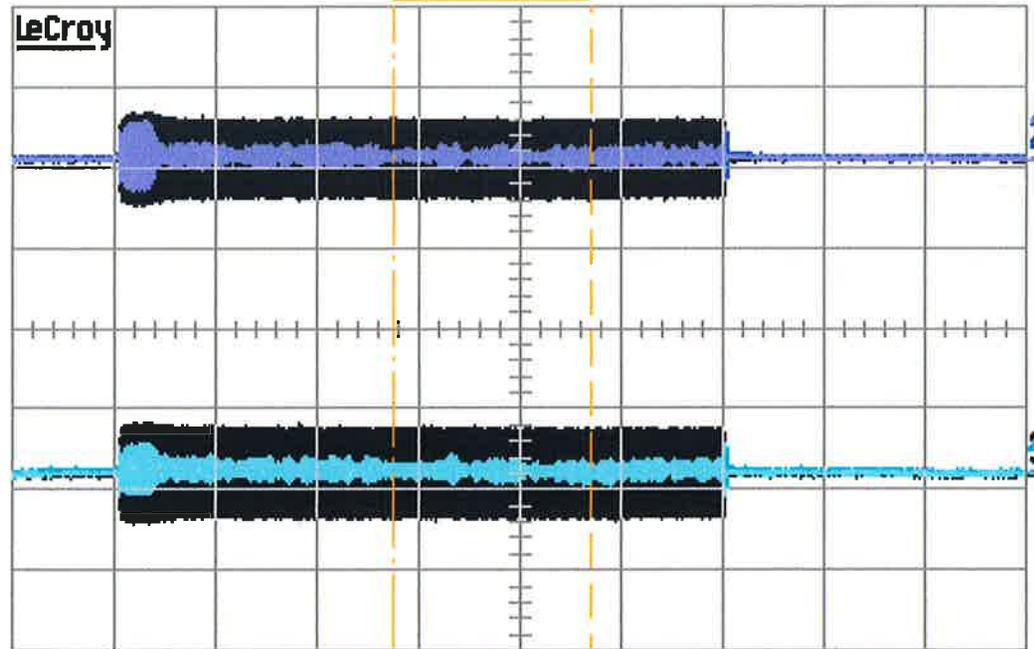
2
.5 ms
200mV

3
.5 ms
0.50 V

4
.5 ms
200mV

.5 ms

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



490 sweeps:

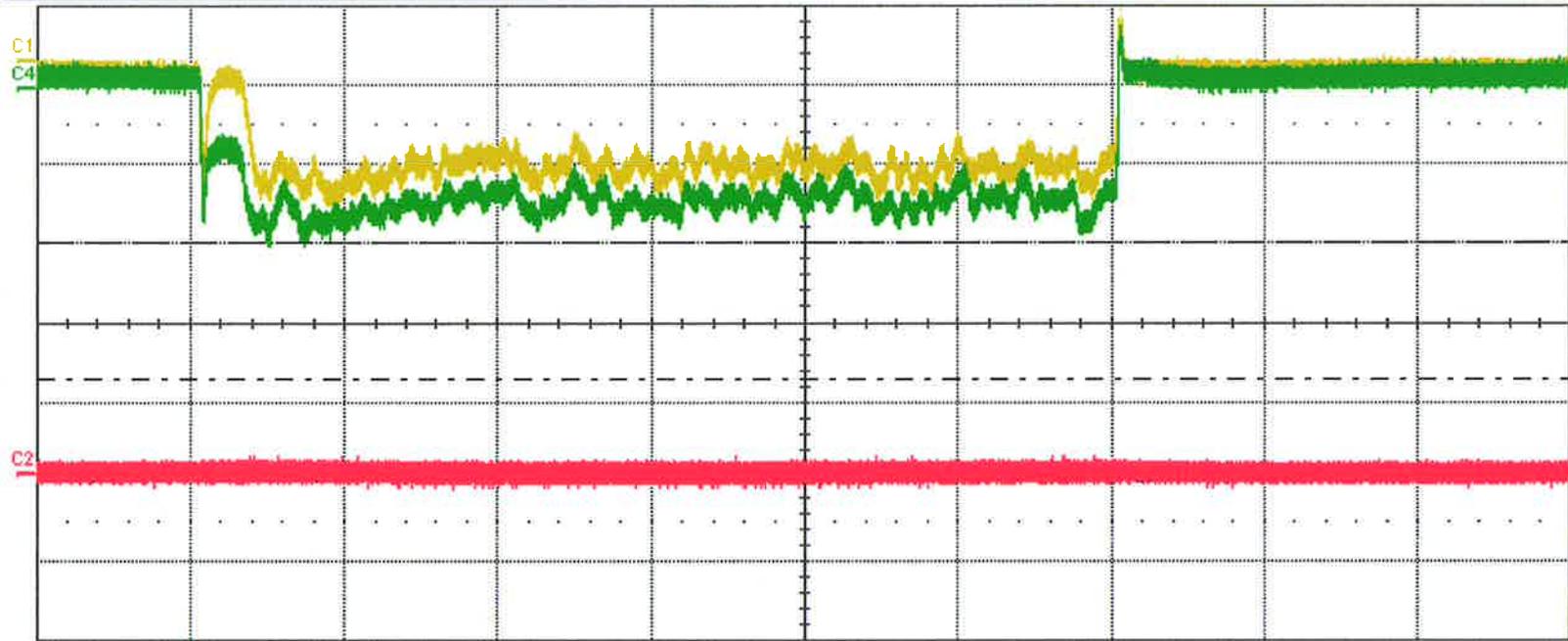
	average	low	high	sigma
rms(1)	165.4mV	142.5	171.9	3.4
rms(2)	16.3mV	11.7	44.4	3.7
rms(3)	187.9mV	157.3	194.3	4.2
rms(4)	16.9mV	12.5	33.9	2.4
phase(1,3)	4.62 °	-200.64	161.18	16.85



Ext10 DC 0.60 V 1MΩ

20 MS/s

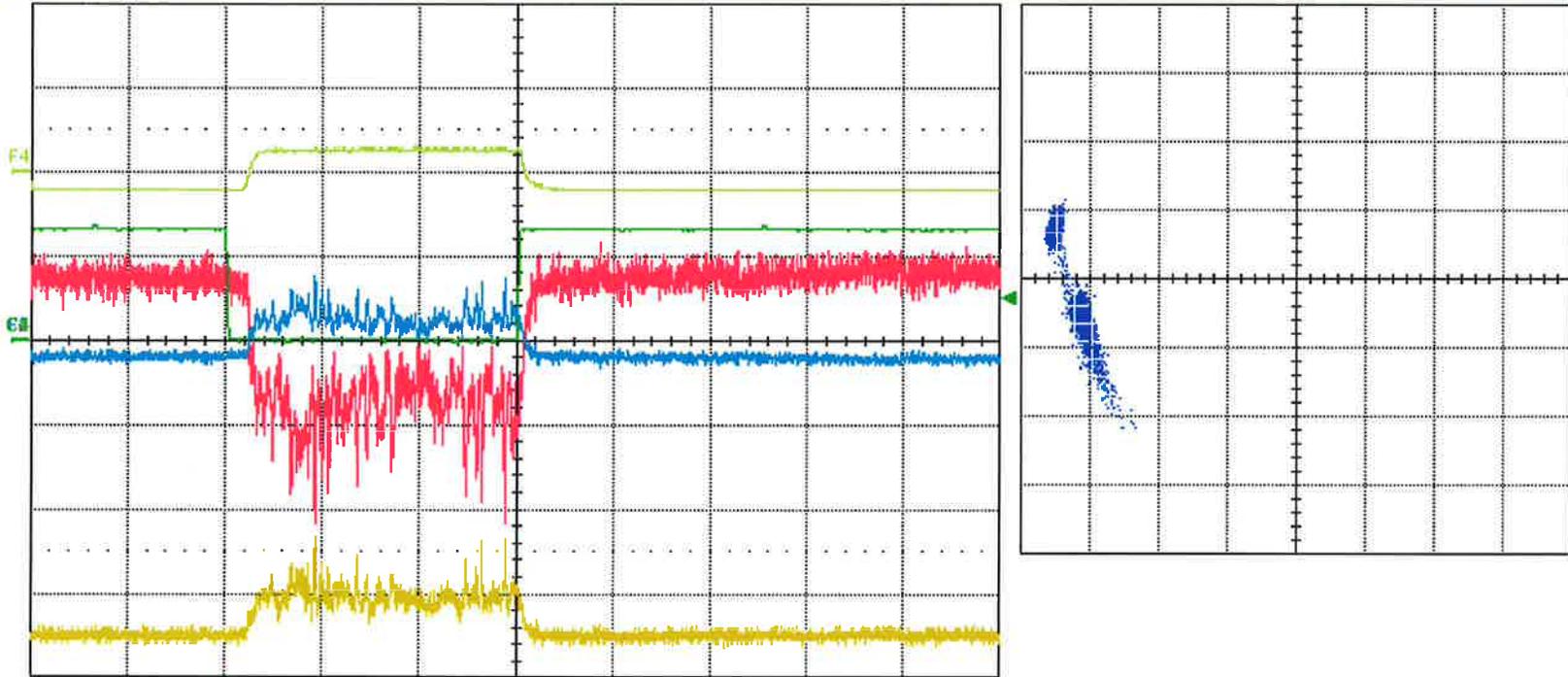
NORMAL



Measure	P1:mean(Z1)	P2:mean(Z4)	P3:mean(C1)	P4:mean(C4)	P5:phase(C1,C4)	P6:---
value	-25.12 mV	-26.69 mV	-26.83 mV	-28.47 mV	-6.51921637135 °	
mean	-27.2443 mV	-28.3602 mV	-26.5229 mV	-28.1185 mV	-22.98924397 °	
min	-30.17 mV	-31.52 mV	-28.73 mV	-30.34 mV	-169.73148826979 °	
max	-24.29 mV	-25.78 mV	-23.95 mV	-25.47 mV	93.77177837074 °	
sdev	1.8226 mV	1.9558 mV	1.0862 mV	1.2813 mV	74.0538555395928 °	
num	22	22	22	22	11	
status	✓	✓	✓	✓	✓	

C1	C2	C4
DCIM	DCIM	DCIM
20.0 mV/div	1.00 V/div	20.0 mV/div
66.00 mV ofst	-1.890 V ofst	59.00 mV ofst
---- -80.0 mV	---- 1.19 V	---- -73.0 mV
----- -46.0 mV	----- 2.89 V	----- -39.0 mV
Δy 34.0 mV	Δy 1.70 V	Δy 34.0 mV

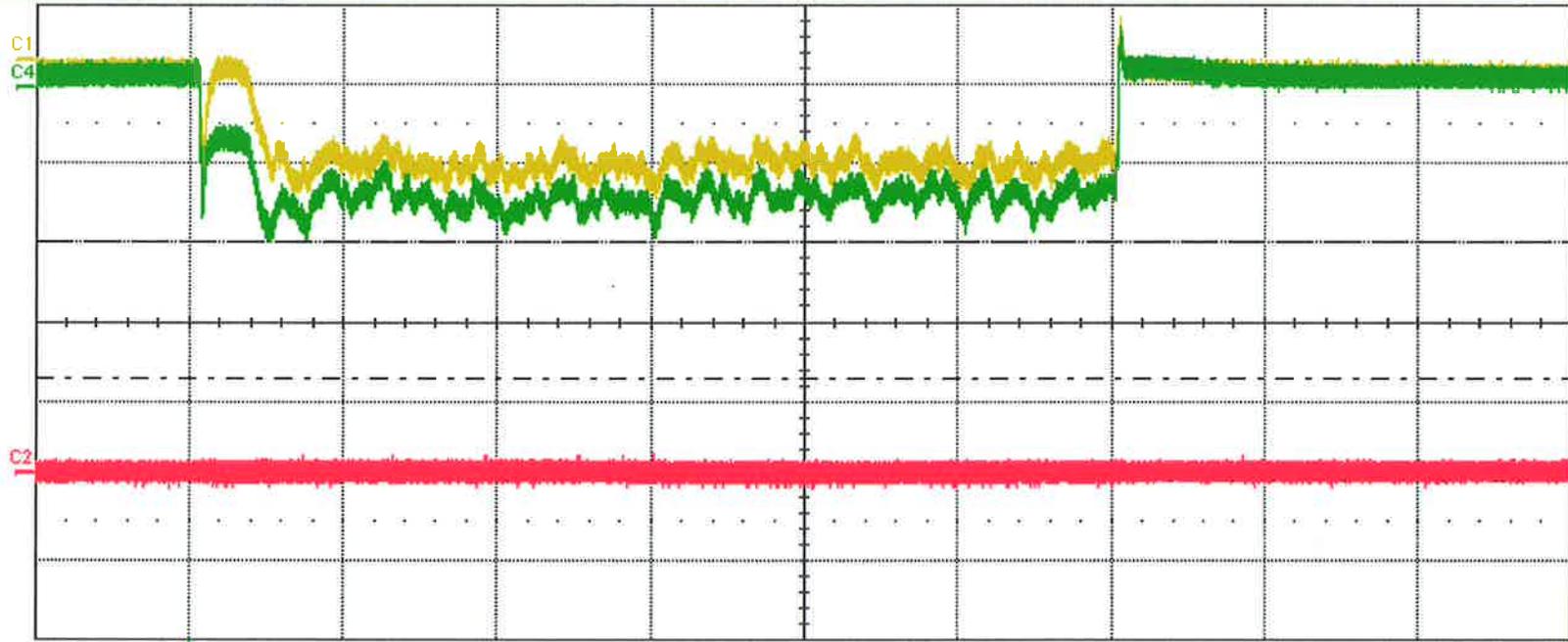
Timebase	-2.00 ms	Trigger	Ext/10 DC
	500 μs/div	Normal	200 mV
1.00 MS	200 MS/s	Edge	Negative



Measure	P1:pkpk(F4)	P2:pkpk(C1)	P3:mean(C2)	P4:pkpk(C2)	P5:mean(C3)	P6:mean(F4)	P7:mean(C1)	P8:mean(C4)
value	532.0e-3							
mean	532.012e-3							
min	532.0e-3							
max	532.0e-3							
sdev	---							
num	1							
status	✓							

C1	D1	C2	D1	C4	F D1	F3	script(...)	F4	<F3>	XY	XO1...
100 mV	100 mV	100 mV	2.00 V	1.00	1.00	1.00	1.00	1.00	1.00	100 mV	100 mV
0.0 mV	0.0 mV	0 mV	0 mV	1.0 ms	1.0 ms	1.0 ms	1.0 ms	1.0 ms	1.0 ms	100 mV	100 mV
								102 #			

Tbase	-2.98 ms	Trigger	C4 DC
	1.00 ms/div	Normal	1.00 V
5.00 kS	500 kS/s	Edge	Negative



Measure	P1:mean(Z1)	P2:mean(Z4)	P3:mean(C1)	P4:mean(C4)	P5:phase(C1,C4)	P6:---
value	-25.19 mV	-25.17 mV	-25.66 mV	-27.65 mV	---	---
mean	-26.5495 mV	-27.8795 mV	-26.6432 mV	-28.1200 mV	-16.18930266 °	---
min	-31.37 mV	-32.76 mV	-29.49 mV	-31.11 mV	-173.66243935654 °	---
max	-20.20 mV	-20.70 mV	-23.66 mV	-24.87 mV	177.65100399984 °	---
sdev	2.1571 mV	2.3783 mV	1.0681 mV	1.2388 mV	62.2749203010391 °	---
num	271	271	271	271	123	---
status	✓	✓	✓	✓		

C1	C2	C4
DCIM	DCIM	DCIM
20.0 mV/div	1.00 V/div	20.0 mV/div
66.00 mV ofst	-1.890 V ofst	59.00 mV ofst
---- -80.0 mV	---- 1.19 V	---- -73.0 mV
----- -46.0 mV	----- 2.89 V	----- -39.0 mV
Δy 34.0 mV	Δy 1.70 V	Δy 34.0 mV

Timebase	-2.00 ms	Trigger	Ext/10 DC
	500 μs/div	Normal	200 mV
1.00 MS	200 MS/s	Edge	Negative

5-Dec-19
13:22:30

1
.5 ms
0.50 V

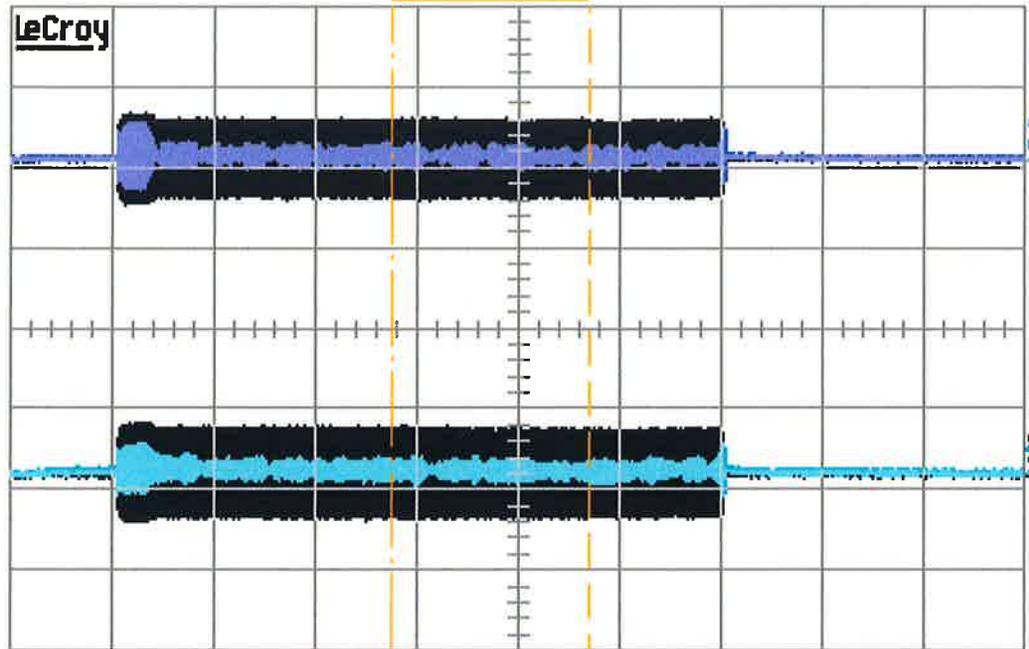
2
.5 ms
200mV

3
.5 ms
0.50 V

4
.5 ms
200mV

.5 ms

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



741 sweeps:

	average	low	high	sigma
rms(1)	165.4mV	142.5	171.9	3.0
rms(2)	16.2mV	11.7	44.4	3.1
rms(3)	187.9mV	157.3	194.3	3.7
rms(4)	17.0mV	12.5	33.9	2.1
phase(1,3)	4.56 °	-200.64	161.18	16.38

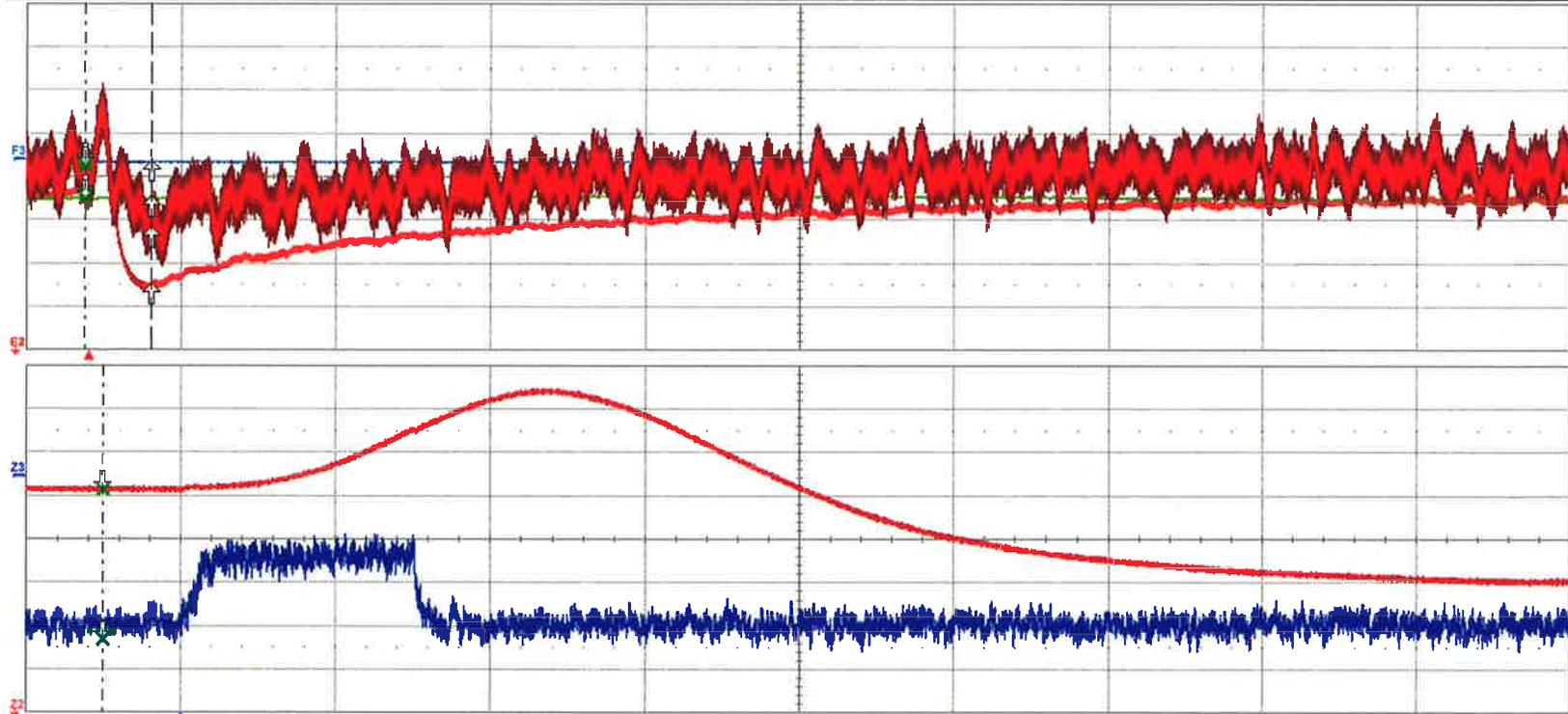


Ext10 DC 0.60 V 1MΩ

20 MS/s

NORMAL

File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Support



Measure value status P1.web edit 664.9679 μ T P2.web edit 555.000 μ T P3.web edit -109.968 μ T P4.web edit P5.mean(F2) P6.mean(F4) P7.web edit P8.web edit

C2	00%	F2	rescale(-)	F3	-C3-	F4	rescale(-)	F5	zoom(F2)	F6	zoom(F4)
10.0 mV/div	5.00 mV/div	1.00 mV/div	20.0 mV/div	5.00 mV/div	20.0 μ V/div						
-83.400 mV	50.0 mV/div	50.0 mV/div	50.0 mV/div	2.00 ms/div	2.00 ms/div						
244 #	244 #	247 #	247 #	244 #	247 #	247 #	247 #	244 #	247 #	247 #	247 #
85.963 mV	83.3957 mV	-74.997 μ V	664.791 mV	81.3951 mV	-74.997 μ V	---	---	---	---	---	---
71.506 mV	71.9136 mV	-67.239 μ V	665.122 mV	---	---	---	---	---	---	---	---
-14.470 mV	-10.382 mV	7.459 μ V	330.3 μ V	-81.395 mV	74.997 μ V	---	---	---	---	---	---

Timebase -230 ms Trigger Ext. DC
 50.0 mV/div 100 mV
 2.0 ms/div 5.00 μ s
 X1= -1.0000 ms Δ X= 21.355 ms
 X2= 20.355 ms 1/ Δ X= 46.827 Hz

Print Now

12/5/2019 1:25:43 PM

5-Dec-19
13:29:30

1
.5 ms
0.50 V

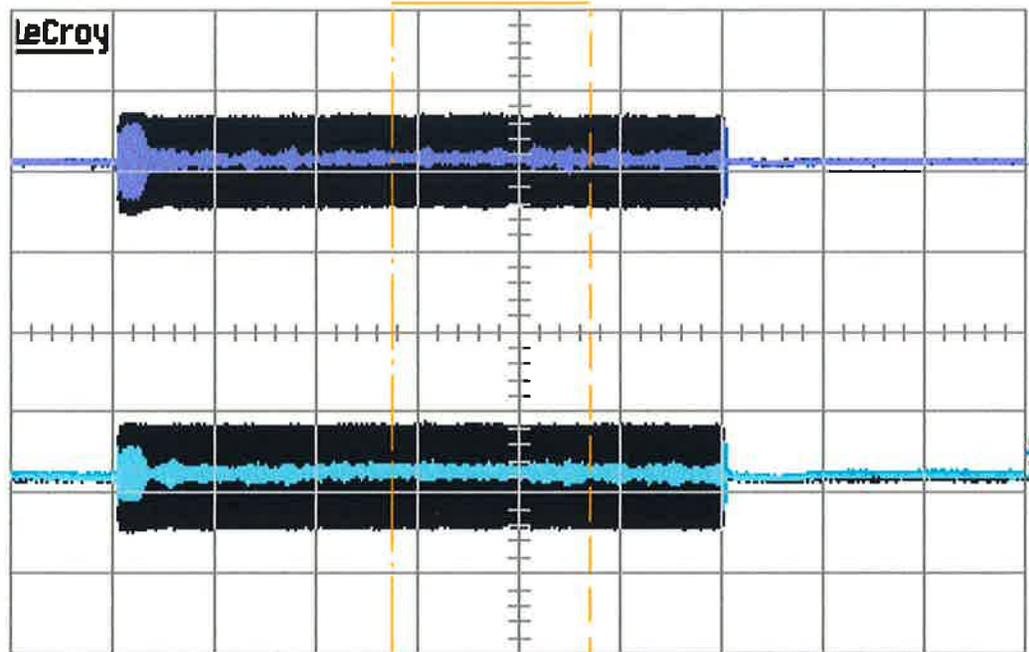
2
.5 ms
200mV

3
.5 ms
0.50 V

4
.5 ms
200mV

.5 ms

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



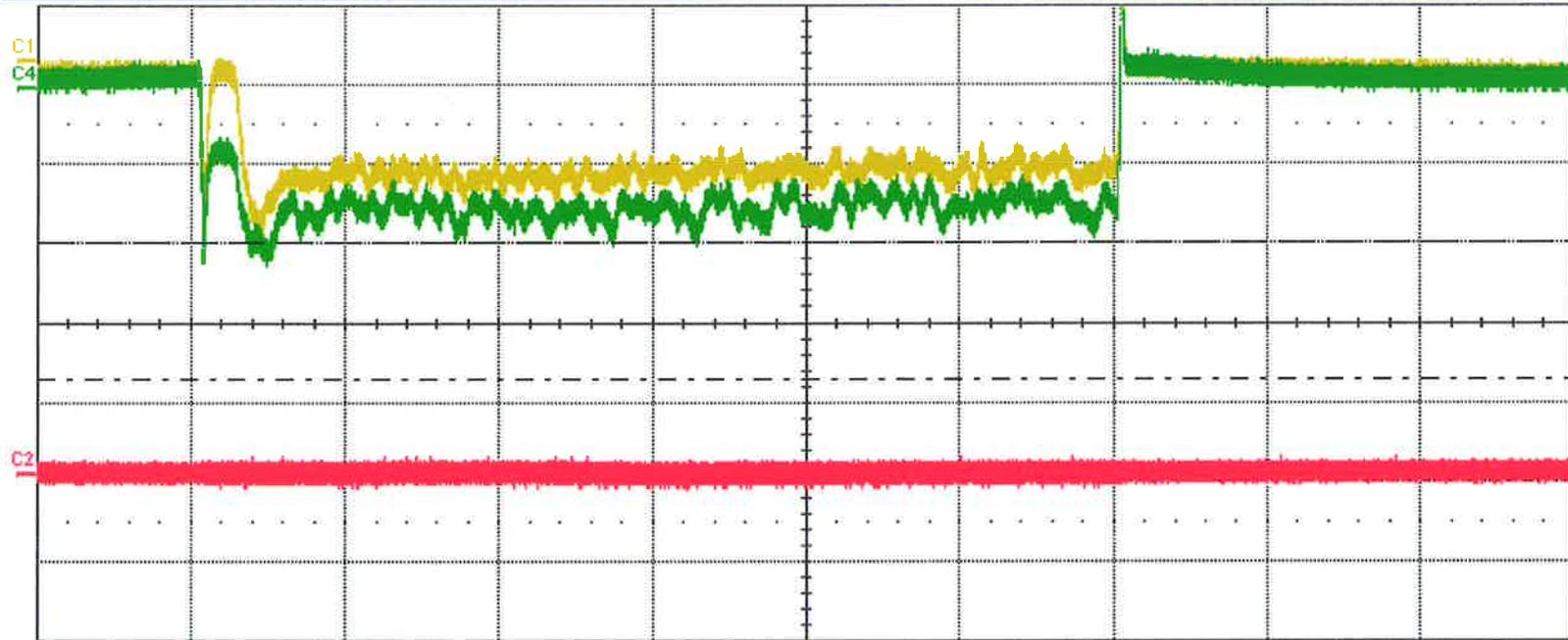
	13 sweeps:	average	low	high	sigma
rms(1)		195.7mV	194.6	196.8	0.7
rms(2)		12.1mV	9.8	14.1	1.4
rms(3)		218.7mV	217.7	219.7	0.7
rms(4)		13.3mV	11.2	15.7	1.4
phase(1,3)		37.0 °	-138.8	89.7	19.8



Ext10 DC 0.60 V 1MΩ

20 MS/s

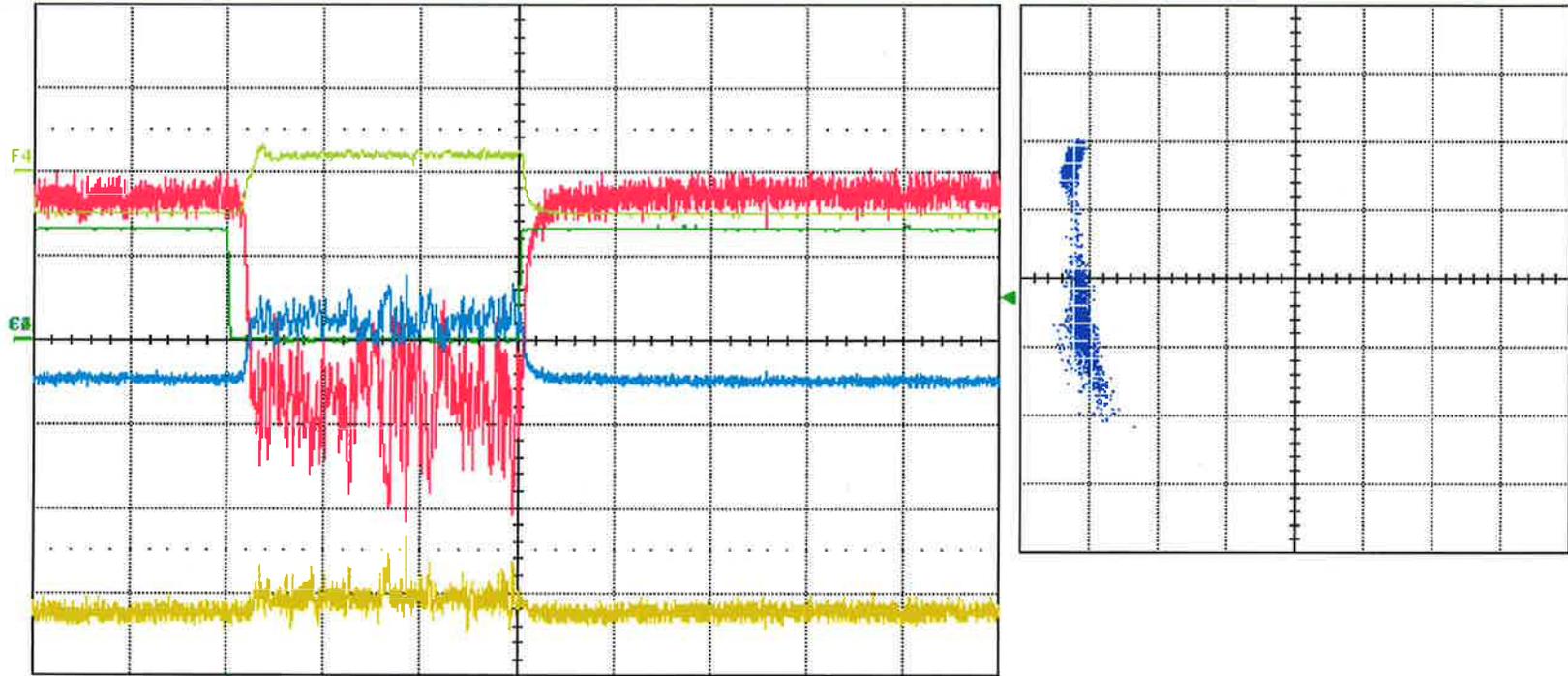
NORMAL



Measure	P1:mean(Z1)	P2:mean(Z4)	P3:mean(C1)	P4:mean(C4)	P5:phase(C1,C4)	P6:---
value	-26.80 mV	-28.53 mV	-28.00 mV	-30.44 mV	---	---
mean	-26.9363 mV	-28.4232 mV	-26.9811 mV	-28.5102 mV	-15.37272244 °	---
min	-33.06 mV	-38.70 mV	-31.78 mV	-34.13 mV	-177.88157562688 °	---
max	-20.20 mV	-20.70 mV	-23.27 mV	-24.30 mV	178.44221490388 °	---
sdev	2.3378 mV	2.7027 mV	1.5319 mV	1.8432 mV	62.5777432583689 °	---
num	689	689	689	689	233	---
status	✓	✓	✓	✓		

C1	C2	C4
DCIM	DCIM	DCIM
20.0 mV/div	1.00 V/div	20.0 mV/div
66.00 mV ofst	-1.890 V ofst	59.00 mV ofst
---- -80.0 mV	---- 1.19 V	---- -73.0 mV
----- -46.0 mV	----- 2.89 V	----- -39.0 mV
Δy 34.0 mV	Δy 1.70 V	Δy 34.0 mV

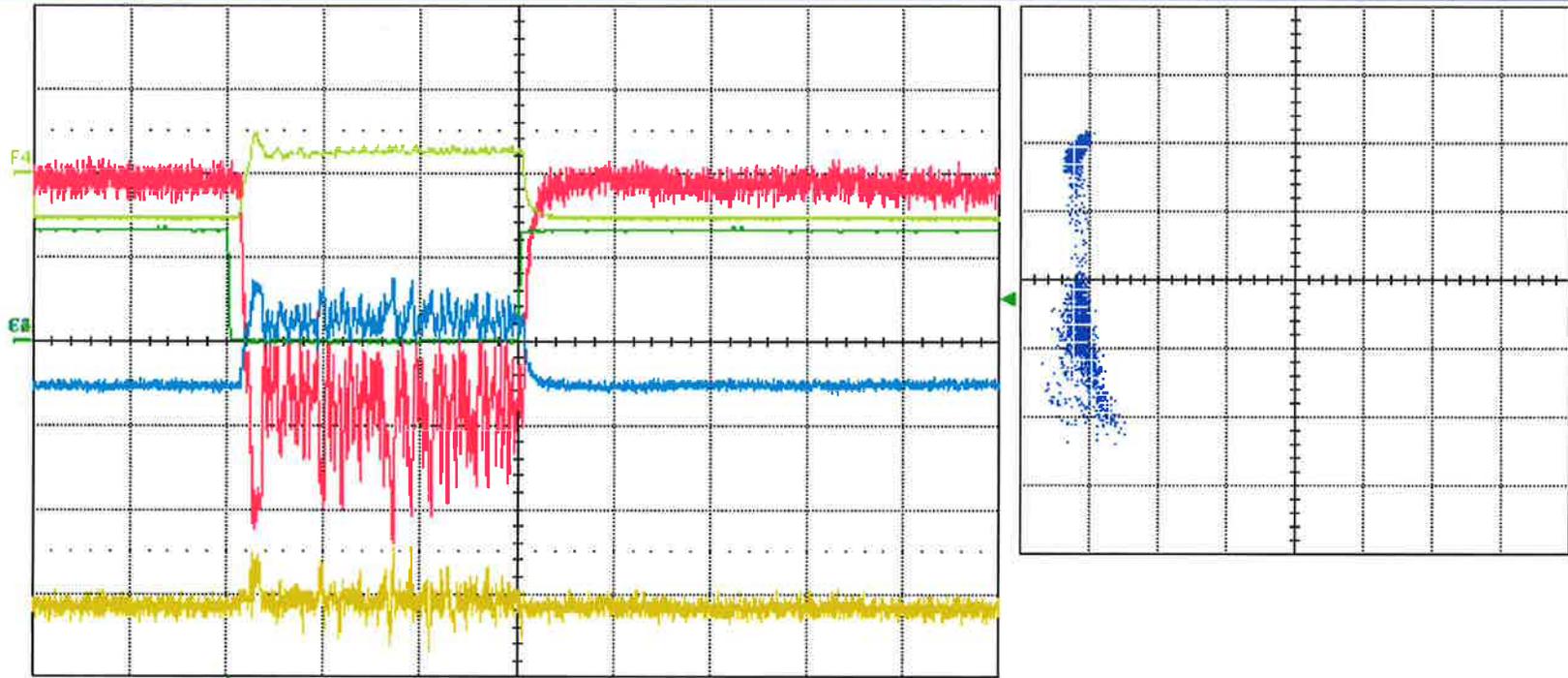
Timebase	-2.00 ms	Trigger	Ext10 DC
	500 μs/div	Normal	200 mV
1.00 MS	200 MS/s	Edge	Negative



Measure	P1:pkpk(F4)	P2:pkpk(C1)	P3:mean(C2)	P4:pkpk(C2)	P5:mean(C3)	P6:mean(F4)	P7:mean(C1)	P8:mean(C4)
value	841.4e-3							
mean	841.441e-3							
min	841.4e-3							
max	841.4e-3							
sdev	--							
num	1							
status	✓							

C1	C2	C4	F3 script...	F4	XY XCI...
100 mV	100 mV	2.00 V	1.00	<F3>	100 mV
0.0 mV	0.0 mV	0 mV	1.0 ms	1.00	100 mV
				1.0 ms	
				35 #	

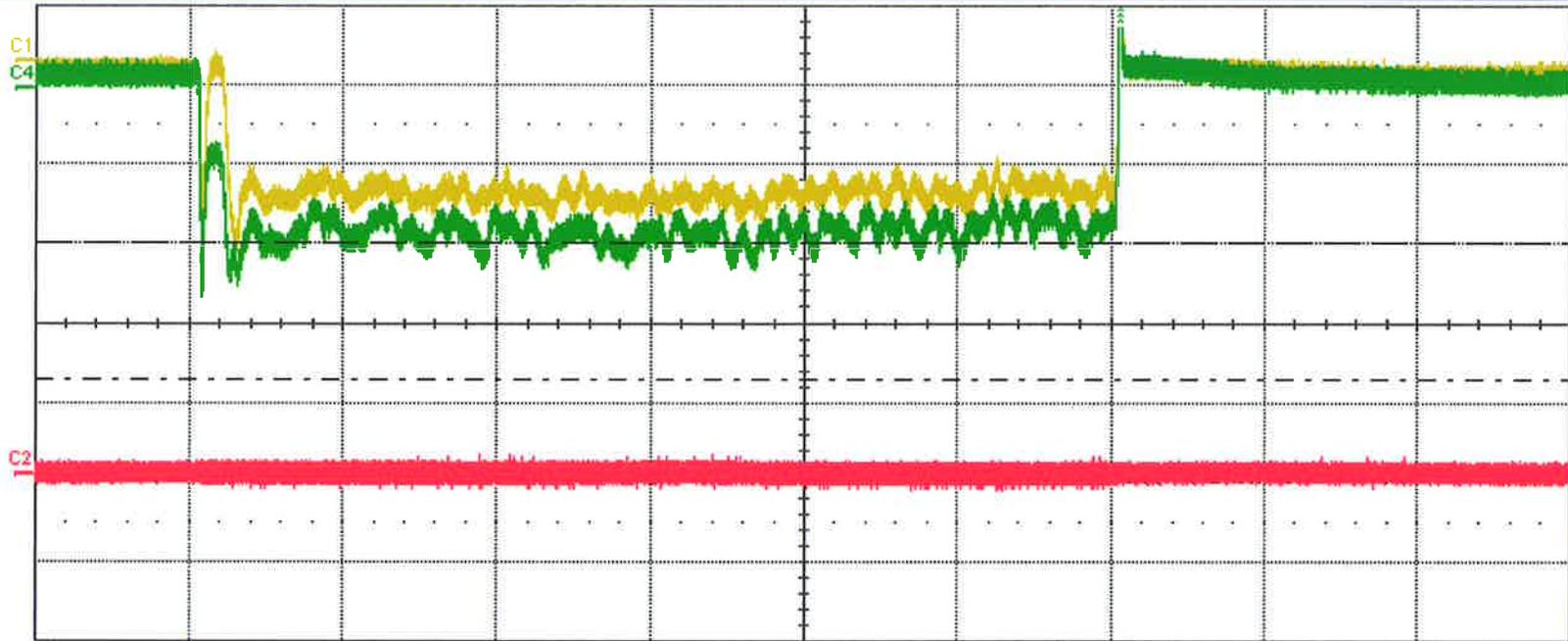
Tbase	-2.98 ms	Trigger	C4 DE
	1.00 ms/div	Normal	1.00 V
	5.00 kS	Edge	Negative



Measure	P1:pkpk(F4)	P2:pkpk(C1)	P3:mean(C2)	P4:pkpk(C2)	P5:mean(C3)	P6:mean(F4)	P7:mean(C1)	P8:mean(C4)
value	1.0255							
mean	1.025489							
min	1.0255							
max	1.0255							
sdev	--							
num	1							
status	✓							

C1	D1	C2	D1	C4	F D1	F3 script(...)	F4	<F3>	X Y	XCL...
100 mV	100 mV	2.00 V	1.00	1.00	1.00	1.00	1.00	100 mV		
0.0 mV	0.0 mV	0 mV	1.0 ms	1.0 ms	1.0 ms	1.0 ms	1.0 ms	100 mV		
							48 #			

Tbase	-2.98 ms	Trigger	C4 DC
	1.00 ms/div	Normal	1.00 V
5.00 kS	500 kS/s	Edge	Negative



Measure	P1:mean(Z1)	P2:mean(Z4)	P3:mean(C1)	P4:mean(C4)	P5:phase(C1,C4)	P6:---
value	-33.38 mV	-35.96 mV	-34.55 mV	-37.14 mV	---	
mean	-27.5986 mV	-29.1932 mV	-27.6295 mV	-29.2556 mV	-15.30352659 °	
min	-36.70 mV	-39.84 mV	-35.44 mV	-38.17 mV	-177.88157562688 °	
max	-20.20 mV	-20.70 mV	-23.27 mV	-24.30 mV	178.44221490388 °	
sdev	2.8937 mV	3.3713 mV	2.3331 mV	2.7164 mV	65.0026137996578 °	
num	796	796	796	796	258	
status	✓	✓	✓	✓		

C1	C2	C4
20.0 mV/div	1.00 V/div	20.0 mV/div
66.00 mV ofst	-1.890 V ofst	59.00 mV ofst
---- -80.0 mV	---- 1.19 V	---- -73.0 mV
---- -46.0 mV	---- 2.89 V	---- -39.0 mV
Δy 34.0 mV	Δy 1.70 V	Δy 34.0 mV

Timebase	-2.00 ms	Trigger	Edge/10 DC
	500 μs/div	Normal	200 mV
1.00 MS	200 MS/s	Edge	Negative

5-Dec-19
13:31:24

1
.5 ms
0.50 V

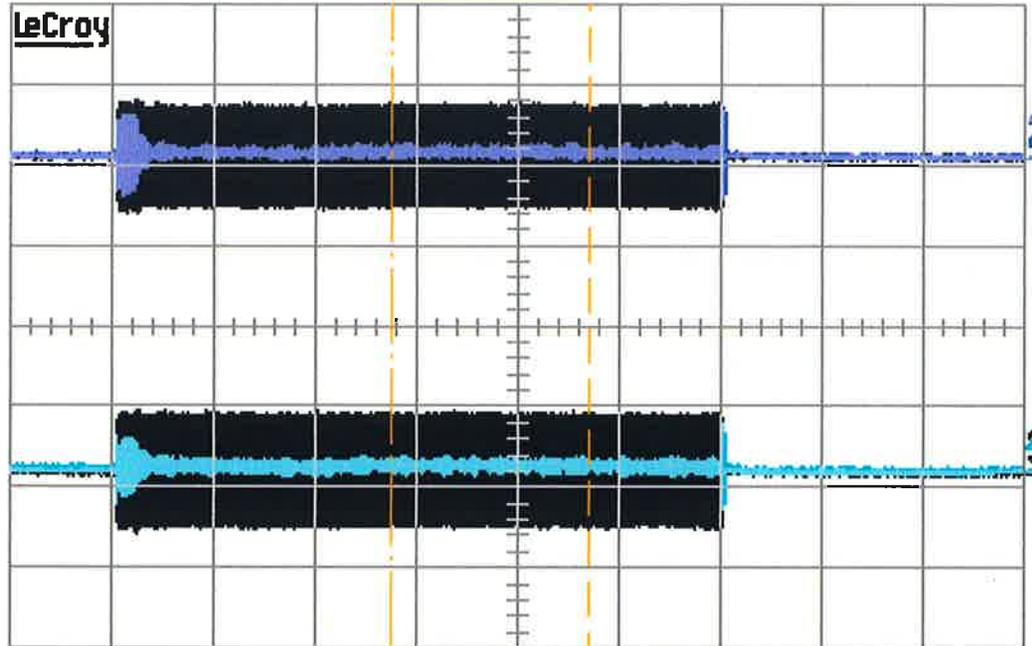
2
.5 ms
200mV

3
.5 ms
0.50 V

4
.5 ms
200mV

.5 ms

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



55 sweeps:

	average	low	high	sigma
rms(1)	216.2mV	213.6	218.6	1.5
rms(2)	11.8mV	9.6	14.4	1.1
rms(3)	239.4mV	236.8	241.6	1.4
rms(4)	12.9mV	11.0	15.6	1.1
phase(1,3)	74.4 °	25.6	92.0	16.6



Ext10 DC 0.60 V 1MΩ

20 MS/s

NORMAL

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13:32:46

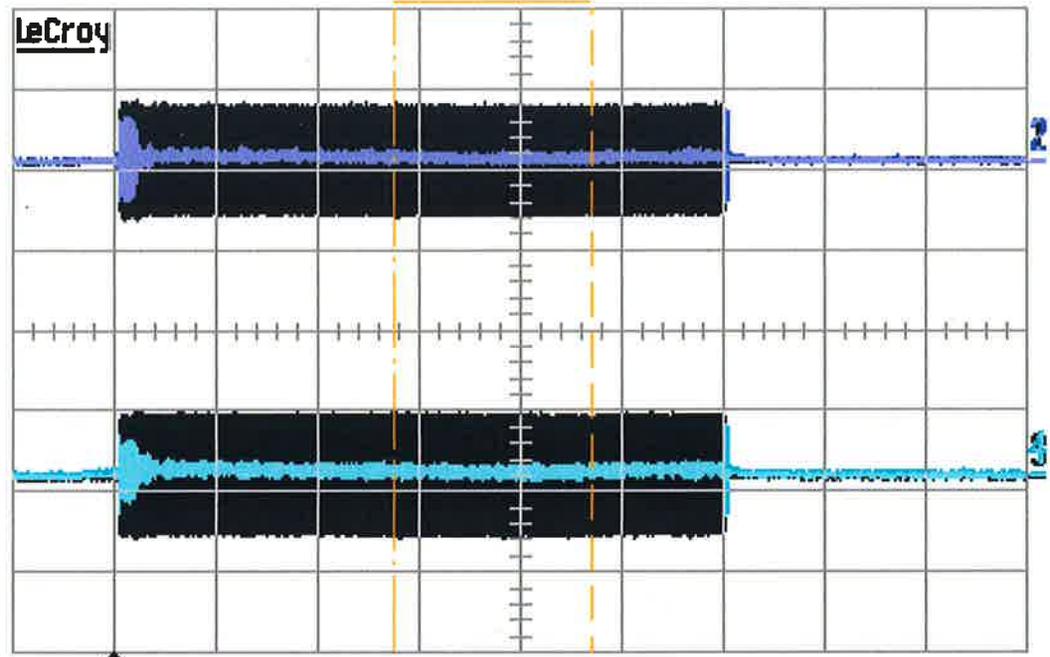
1
.5 ms
0.50 V

2
.5 ms
200 mV

3
.5 ms
0.50 V

4
.5 ms
200 mV

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



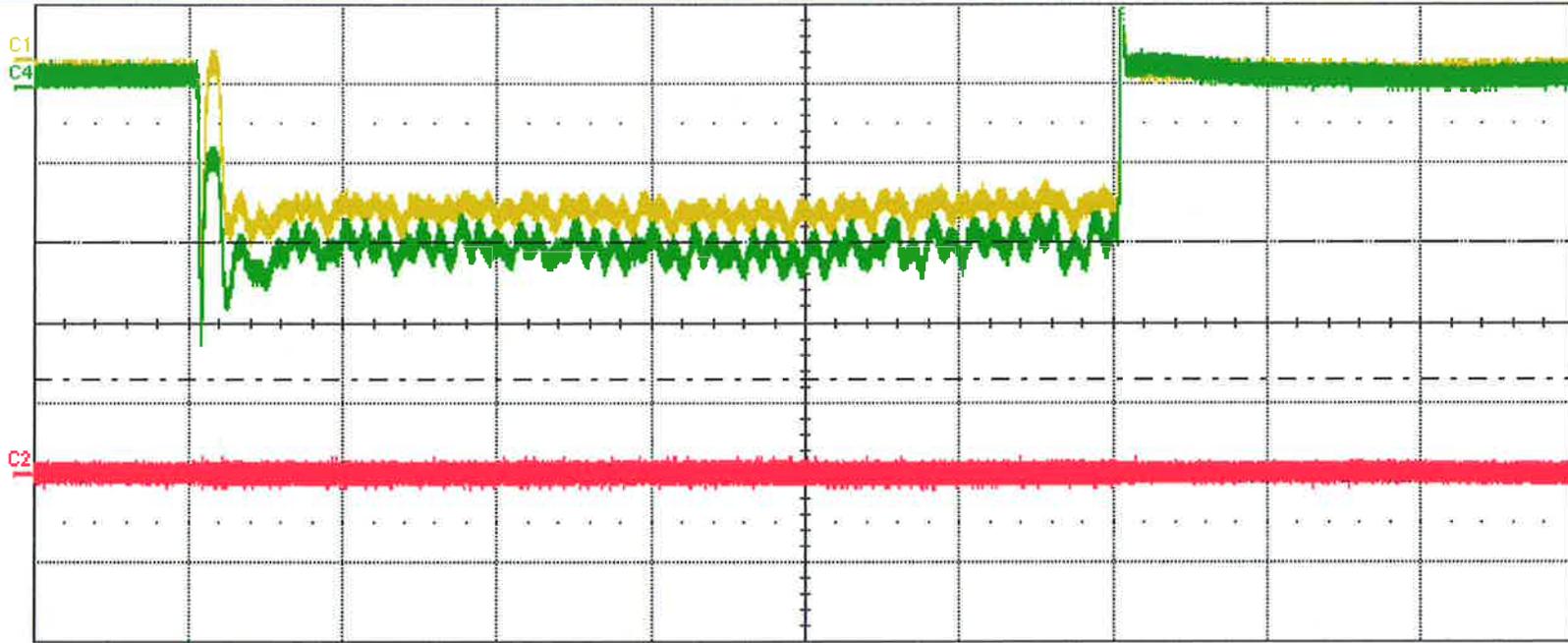
	41 sweeps:	average	low	high	sigma
rms(1)		236.4mV	234.1	239.0	1.4
rms(2)		12.1mV	9.4	14.8	1.3
rms(3)		258.6mV	256.6	260.9	1.3
rms(4)		13.1mV	10.5	15.7	1.3
phase(1,3)		82 °	40	91	3



Ext10 DC 0.60 V 1MΩ

20 MS/s

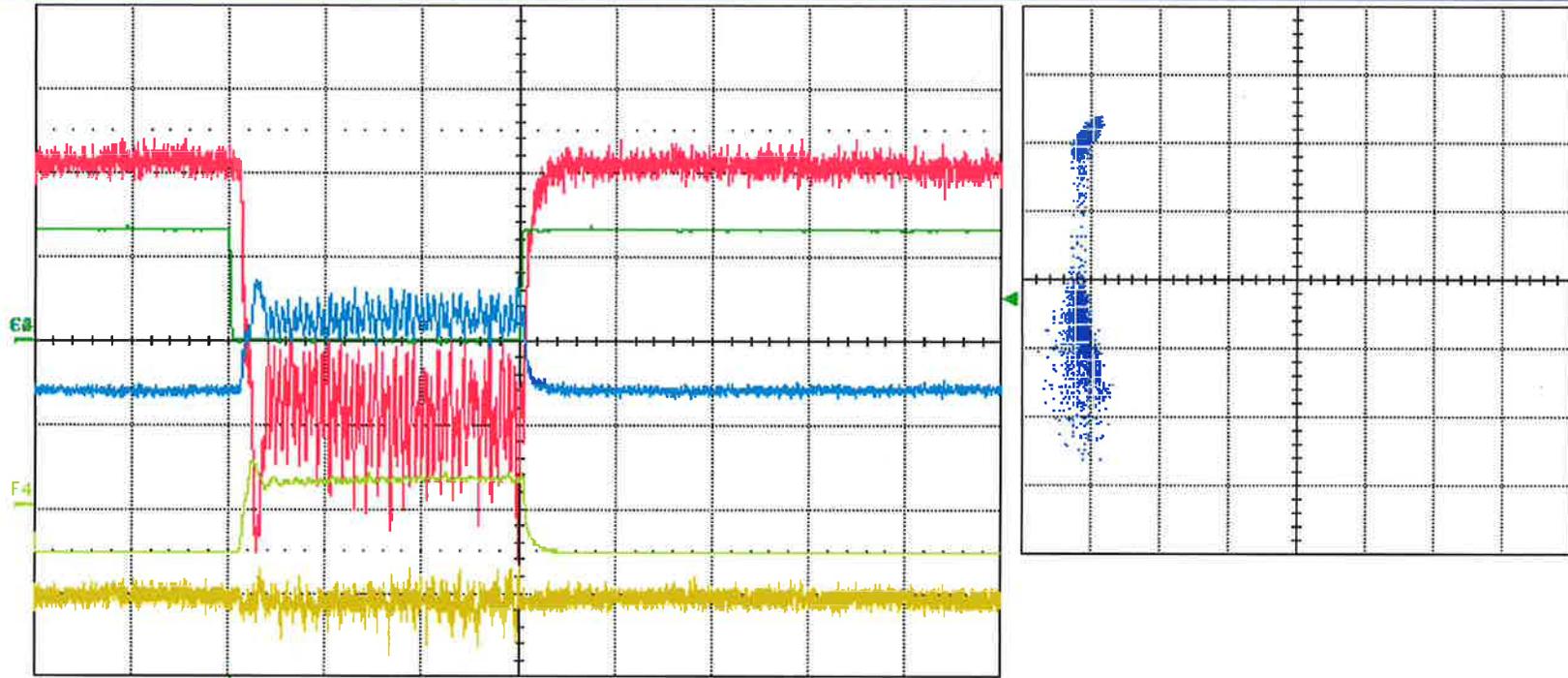
NORMAL



Measure	P1:mean(Z1)	P2:mean(Z4)	P3:mean(C1)	P4:mean(C4)	P5:phase(C1,C4)	P6:---
value	-39.71 mV	-43.12 mV	-39.11 mV	-41.57 mV	---	---
mean	-28.3519 mV	-30.0046 mV	-28.3873 mV	-30.0803 mV	-13.34817859 °	---
min	-41.95 mV	-43.99 mV	-39.50 mV	-42.28 mV	-177.88157562688 °	---
max	-20.20 mV	-20.70 mV	-23.27 mV	-24.30 mV	178.44221490388 °	---
sdev	3.6915 mV	4.1694 mV	3.2968 mV	3.6949 mV	68.5170519862381 °	---
num	879	879	879	879	302	---
status	✓	✓	✓	✓	▲	---

C1	C2	C4
DCIM	DCIM	DCIM
20.0 mV/div	1.00 V/div	20.0 mV/div
66.00 mV ofst	-1.890 V ofst	59.00 mV ofst
---- -80.0 mV	---- 1.19 V	---- -73.0 mV
----- -46.0 mV	----- 2.69 V	----- -39.0 mV
Δy 34.0 mV	Δy 1.70 V	Δy 34.0 mV

Timebase	-2.00 ms	Trigger	Ext/10 DC
	500 μs/div	Normal	200 mV
1.00 MS	200 MS/s	Edge	Negative



Measure	P1:pkpk(F4)	P2:pkpk(C1)	P3:mean(C2)	P4:pkpk(C2)	P5:mean(C3)	P6:mean(F4)	P7:mean(C1)	P8:mean(C4)
value	1.1279							
mean	1.127865							
min	1.1279							
max	1.1279							
sdev	---							
num	1							
status	✓							

C1	C2	C4	F3 script...	F4	XY	XC1...
100 mV	100 mV	2.00 V	1.00	<F3>	100 mV	
0.0 mV	0.0 mV	0 mV	1.0 ms	1.00	100 mV	
				1.0 ms		
				46 #		

Tbase	-2.98 ms	Trigger	C4 DD
	1.00 ms/div	Normal	1.00 V
	5.00 kS	Edge	Negative

5-Dec-19
13:34:02

1
.5 ms
0.50 V

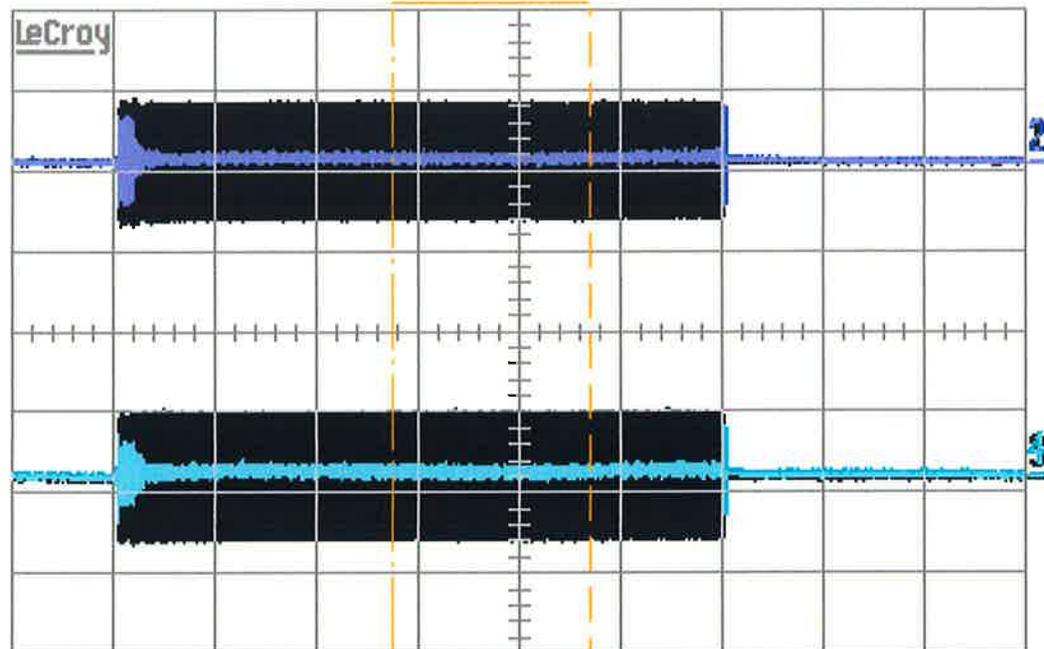
2
.5 ms
200mV

3
.5 ms
0.50 V

4
.5 ms
200mV

.5 ms

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



43 sweeps:

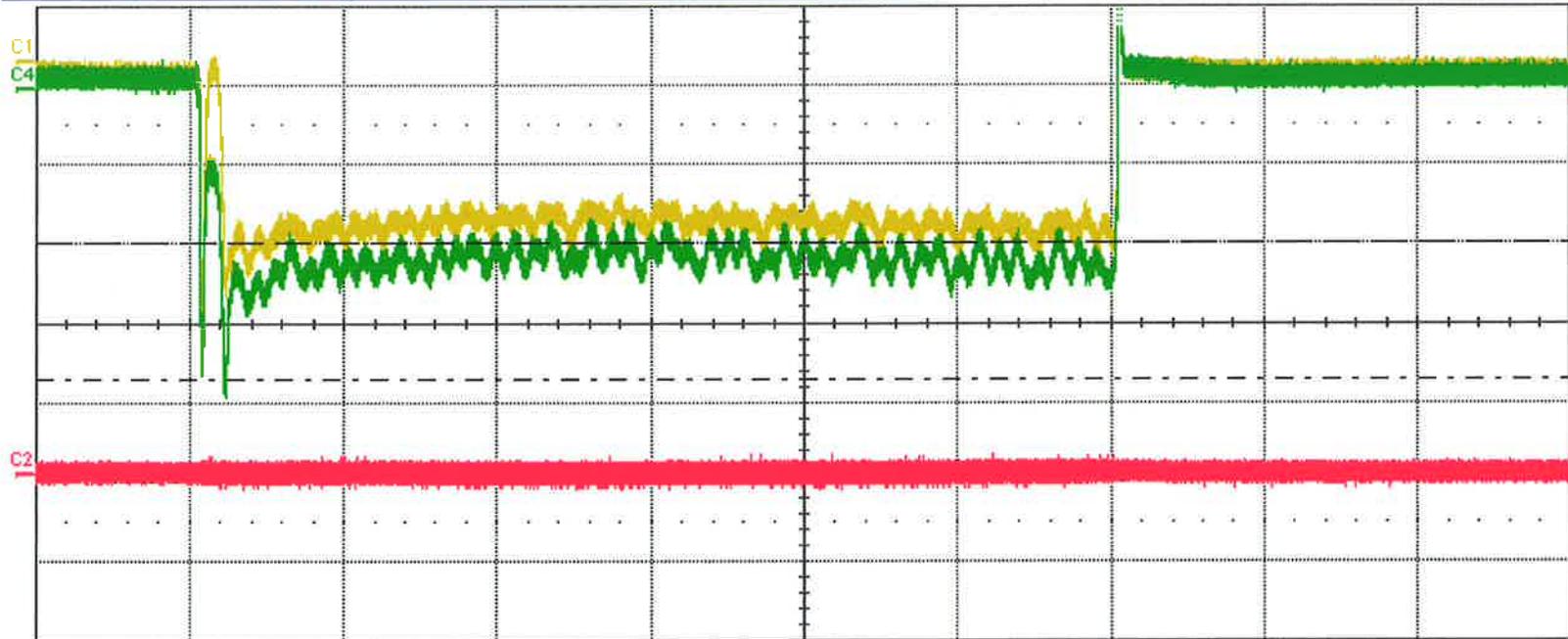
	average	low	high	sigma
rms(1)	253.9mV	251.3	256.6	1.3
rms(2)	12.2mV	10.2	14.9	1.2
rms(3)	276.0mV	273.6	278.7	1.3
rms(4)	13.7mV	11.7	16.4	1.2
phase(1,3)	81 °	74	90	2



Ext10 DC 0.60 V 1MΩ

20 MS/s

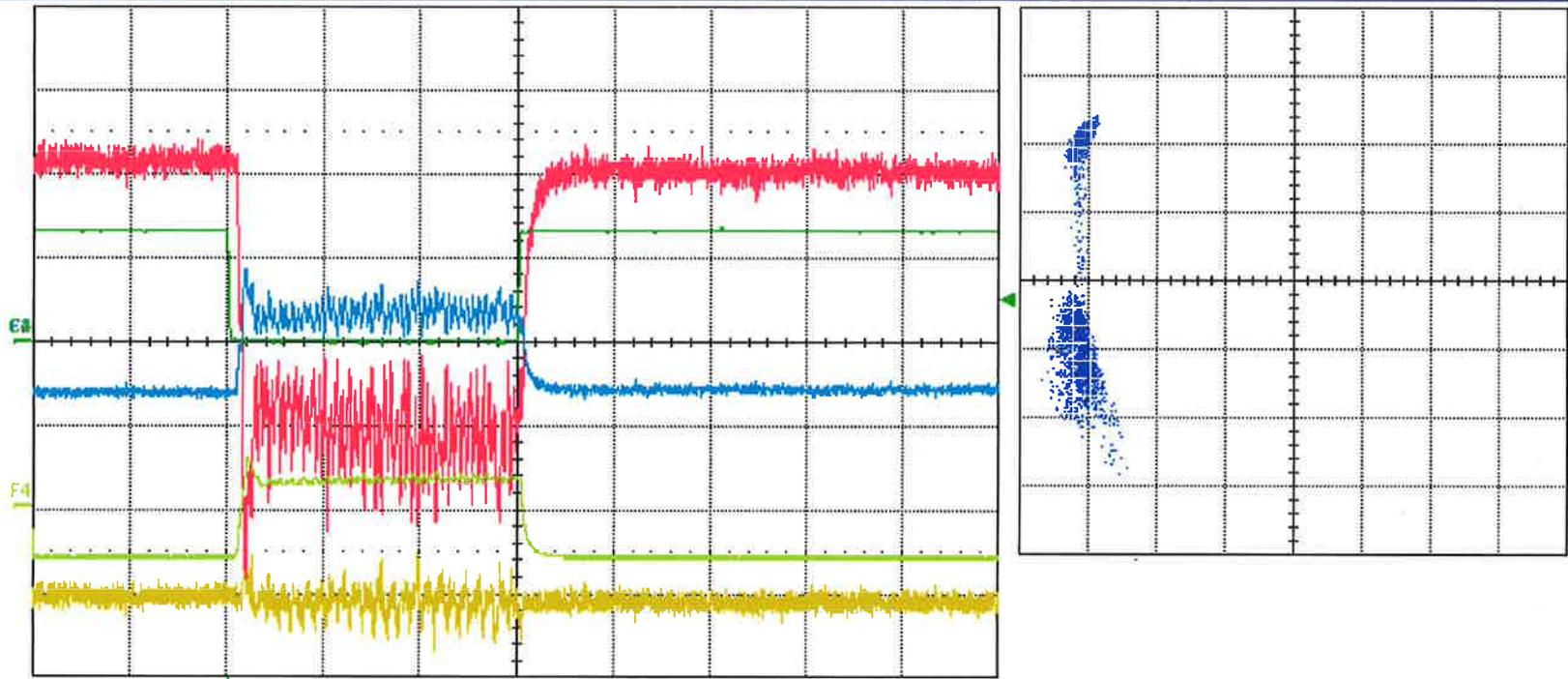
NORMAL



Measure	P1:mean(Z1)	P2:mean(Z4)	P3:mean(C1)	P4:mean(C4)	P5:phase(C1,C4)	P6:---
value	-39.80 mV	-43.17 mV	-40.14 mV	-41.41 mV	---	---
mean	-29.2346 mV	-30.9004 mV	-29.2516 mV	-30.9650 mV	-8.8334643541829 °	---
min	-43.35 mV	-45.61 mV	-42.99 mV	-45.40 mV	-177.88157562688 °	---
max	-20.20 mV	-20.70 mV	-23.27 mV	-24.30 mV	178.44221490388 °	---
sdev	4.7078 mV	5.0931 mV	4.3846 mV	4.7115 mV	70.8847819647197 °	---
num	953	953	953	953	346	---
status	✓	✓	✓	✓	⚠	---

C1	C2	C4
DCIM	DCIM	DCIM
20.0 mV/div	1.00 V/div	20.0 mV/div
66.00 mV ofst	-1.890 V ofst	59.00 mV ofst
---- -80.0 mV	---- 1.19 V	---- -73.0 mV
---- -46.0 mV	---- 2.89 V	---- -39.0 mV
Δy 34.0 mV	Δy 1.70 V	Δy 34.0 mV

Timebase	-2.00 ms	Trigger	Ext/IO DC
	500 μs/div	Normal	200 mV
1.00 MS	200 MS/s	Edge	Negative



Measure	P1:pkpk(F4)	P2:pkpk(C1)	P3:mean(C2)	P4:pkpk(C2)	P5:mean(C3)	P6:mean(F4)	P7:mean(C1)	P8:mean(C4)
value	1.1963							
mean	1.196308							
min	1.1963							
max	1.1963							
sdev	--							
num	1							
status	✓							

C1	C2	C4	F3 script(...)	F4	XY XCl...
100 mV 0.0 mV	100 mV 0.0 mV	2.00 V 0 mV	1.00 1.0 ms	<F3> 1.00 1.0 ms 47 #	100 mV 100 mV

Tbase	-2.98 ms	Trigger	C4 DC
	1.00 ms/div	Normal	1.00 V
5.00 kS	500 kS/s	Edge	Negative

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13:43:33

1
.5 ms
0.50 V

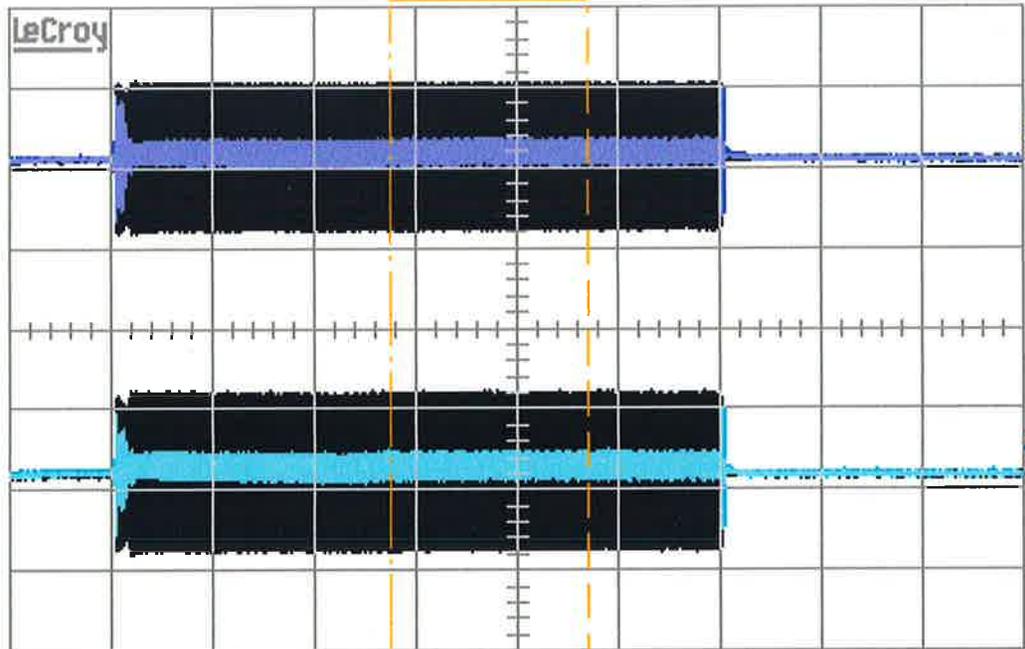
2
.5 ms
200mV

3
.5 ms
0.50 V

4
.5 ms
200mV

.5 ms

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



110 sweeps:

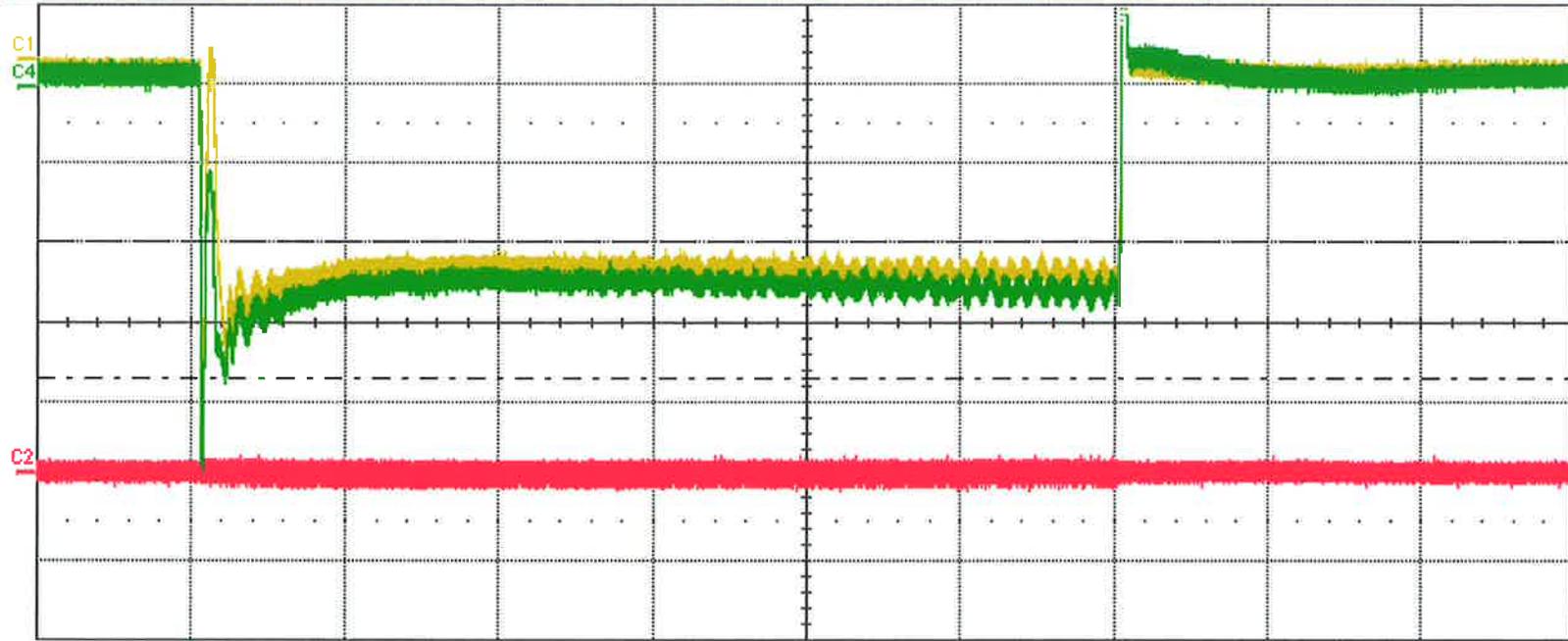
	average	low	high	sigma
rms(1)	320.6mV	298.5	324.0	3.2
rms(2)	24.3mV	19.6	27.1	1.4
rms(3)	341.1mV	312.7	344.2	3.9
rms(4)	22.9mV	20.1	30.2	1.5
phase(1,3)	81 °	75	88	2



Ext10 DC 0.60 V 1MΩ

20 MS/s

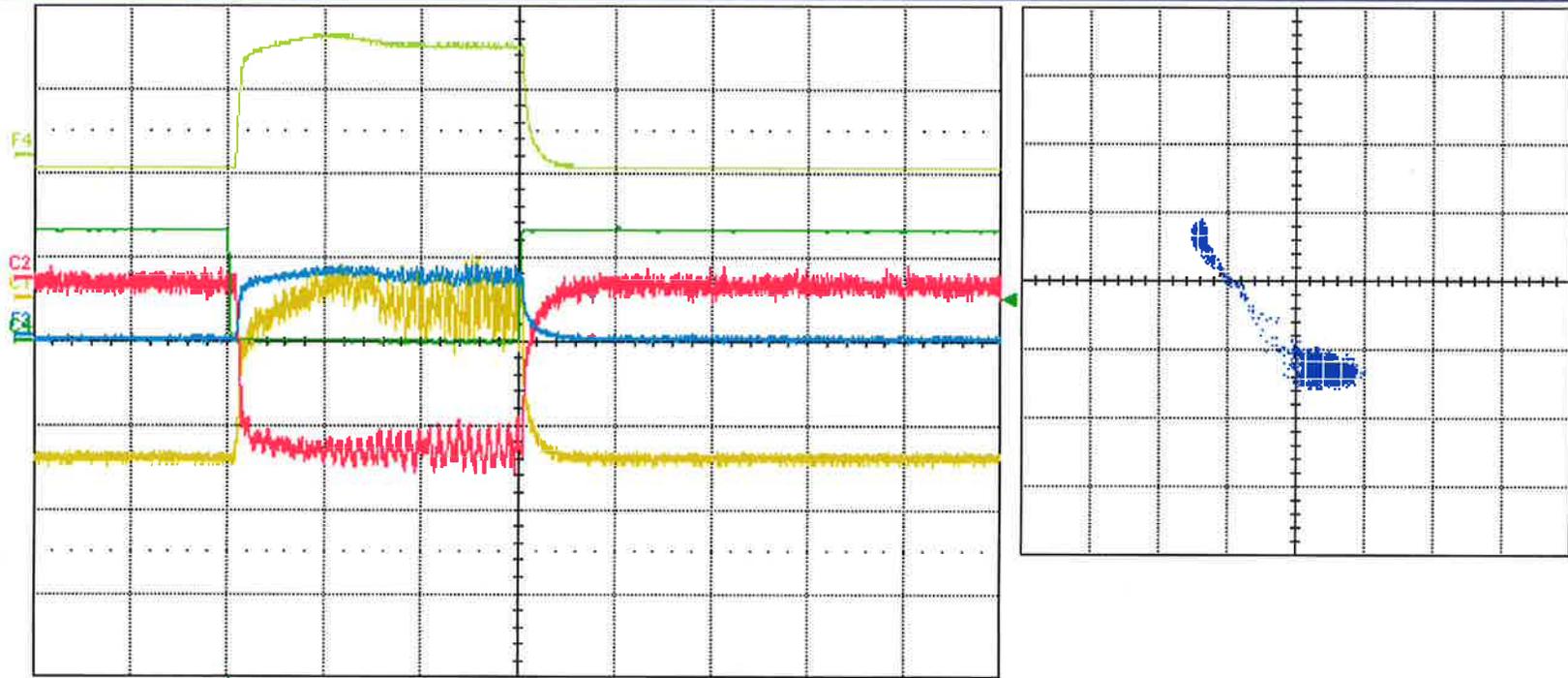
NORMAL



Measure	P1:mean(Z1)	P2:mean(Z4)	P3:mean(C1)	P4:mean(C4)	P5:phase(C1,C4)	P6:--
value	-53.15 mV	-49.60 mV	-52.85 mV	-49.21 mV	--	
mean	-53.8929 mV	-50.8232 mV	-53.9724 mV	-50.8946 mV	68.8213035327822 °	
min	-57.62 mV	-54.99 mV	-57.26 mV	-54.23 mV	68.82130353278 °	
max	-50.32 mV	-44.71 mV	-50.48 mV	-43.98 mV	68.82130353278 °	
sdev	1.5944 mV	1.8986 mV	1.5131 mV	1.7762 mV	--	
num	114	114	114	114	1	
status	✓	✓	✓	✓		

C1	C2	C4
DCIM	DCIM	DCIM
20.0 mV/div	1.00 V/div	20.0 mV/div
66.00 mV ofst	-1.890 V ofst	59.00 mV ofst
---- -80.0 mV	---- 1.19 V	---- -73.0 mV
----- -46.0 mV	----- 2.89 V	----- -39.0 mV
Δy 34.0 mV	Δy 1.70 V	Δy 34.0 mV

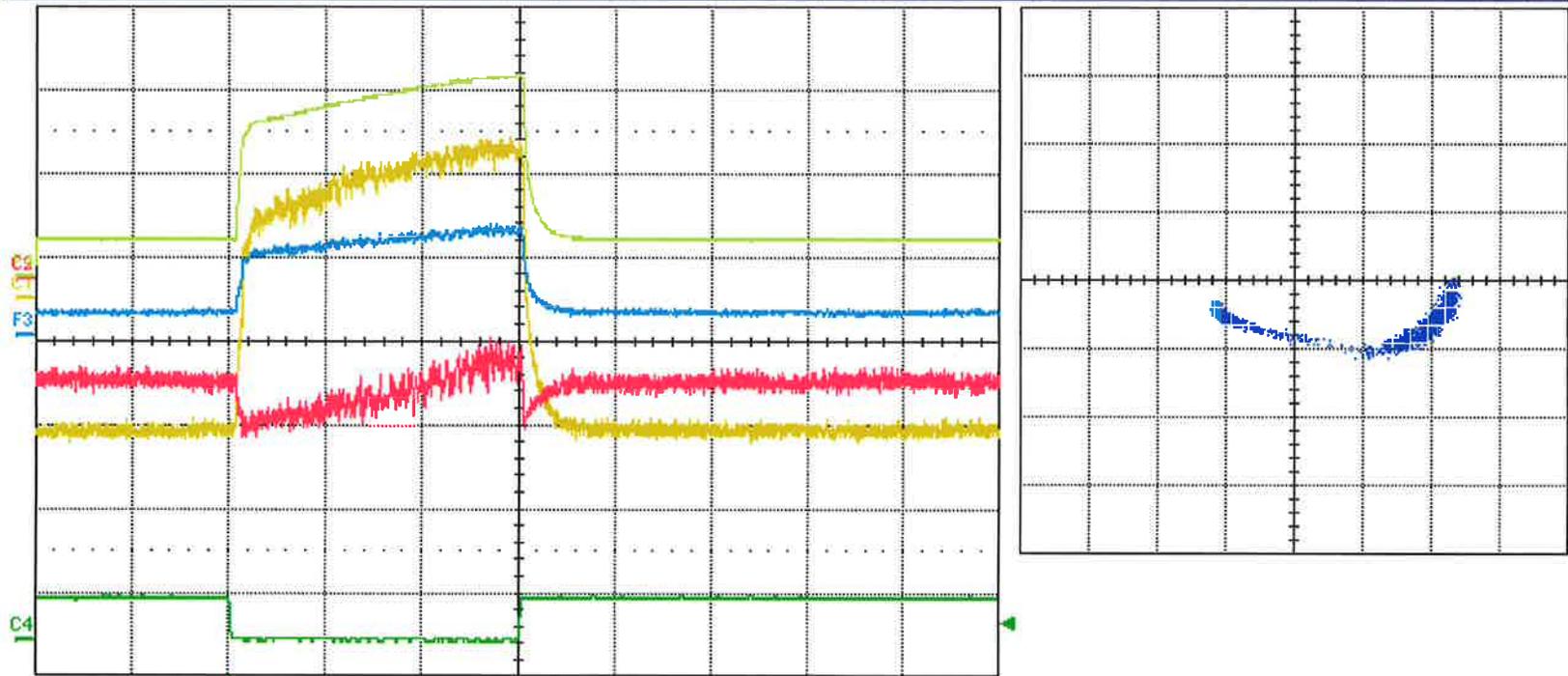
Timebase	-2.00 ms	Trigger	Edge/DC
	500 μs/div	Normal	200 mV
1.00 MS	200 MS/s	Edge	Negative



Measure	P1:pkpk(F4)	P2:pkpk(C1)	P3:mean(C2)	P4:pkpk(C2)	P5:mean(C3)	P6:mean(F4)	P7:mean(C1)	P8:mean(C4)
value	1.6009							
mean	1.600947							
min	1.6009							
max	1.6009							
sdev	---							
num	1							
status	✓							

C1	D1	C2	D1	C4	F3 script(...)	F4	<F3>	XY	XCI...
200 mV	200 mV	2.00 V	2.00	2.00	1.00	200 mV			
98 mV	148 mV	0 mV	1.0 ms	1.0 ms	73 #	200 mV			

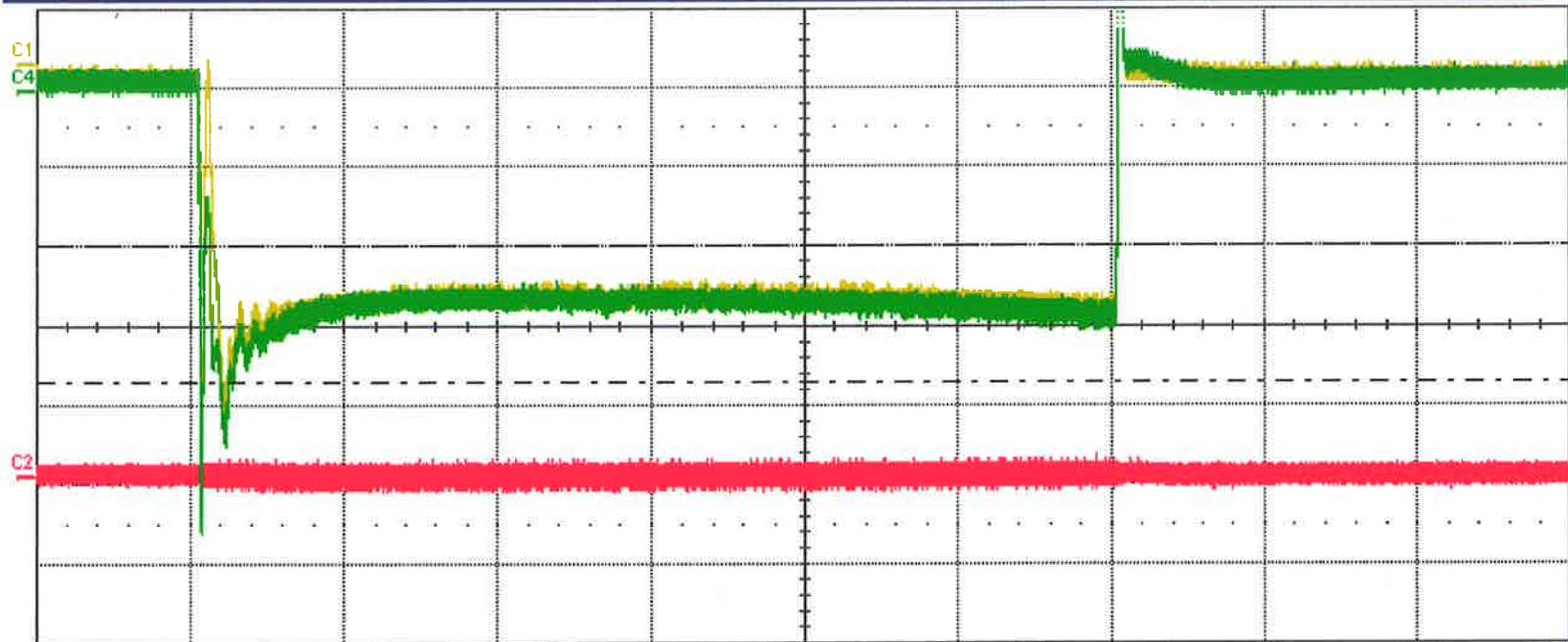
Tbase	-2.98 ms	Trigger	C4 DC
	1.00 ms/div	Normal	1.00 V
5.00 kS	500 kS/s	Edge	Negative



Measure	P1:pkpk(F4)	P2:pkpk(C1)	P3:mean(C2)	P4:pkpk(C2)	P5:mean(C3)	P6:mean(F4)	P7:mean(C1)	P8:mean(C4)
value	2.2795							
mean	2.279510							
min	2.2795							
max	2.2795							
sdev	---							
num	1							
status	✓							

C1 200 mV 98 mV	C2 200 mV 148 mV	C4 5.00 V -17.9 V	F3 script(...) 2.00 1.0 ms	F4 <F3> 1.00 1.0 ms 104 #	XY X: C1... 200 mV 200 mV
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Tbase -2.98 ms	Trigger C4 DC
1.00 ms/div	Normal 1.00 V
5.00 kS	Edge Negative



Measure	P1:mean(Z1)	P2:mean(Z4)	P3:mean(C1)	P4:mean(C4)	P5:phase(C1,C4)	P6:---
value	-58.68 mV	-52.98 mV	-58.60 mV	-52.45 mV	---	---
mean	-56.9664 mV	-51.8874 mV	-57.0469 mV	-51.8941 mV	---	---
min	-61.08 mV	-56.26 mV	-61.20 mV	-56.07 mV	---	---
max	-52.17 mV	-47.41 mV	-52.45 mV	-48.31 mV	---	---
sdev	1.9714 mV	1.9063 mV	1.9199 mV	1.8154 mV	---	---
num	276	276	276	276	0	---
status	✓	✓	✓	✓		

C1	C2	C4
DCIM	DCIM	DCIM
20.0 mV/div	1.00 V/div	20.0 mV/div
66.00 mV ofst	-1.890 V ofst	-59.00 mV ofst
---- -80.0 mV	---- 1.19 V	---- -73.0 mV
----- -46.0 mV	----- 2.89 V	----- -39.0 mV
Δy 34.0 mV	Δy 1.70 V	Δy 34.0 mV

Timebase	-2.00 ms	Trigger	Ext/10	DE
	500 μs/div	Normal	200 mV	
1.00 MS	200 MS/s	Edge	Negative	

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13:48:43

1
.5 ms
0.50 V

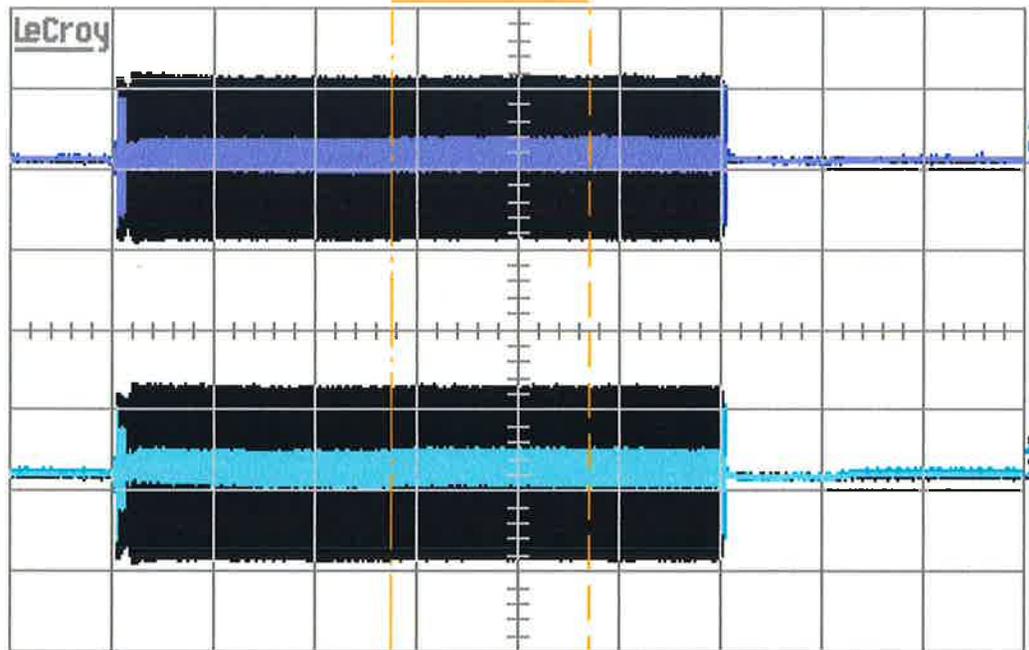
2
.5 ms
200mV

3
.5 ms
0.50 V

4
.5 ms
200mV

.5 ms

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



267 sweeps:

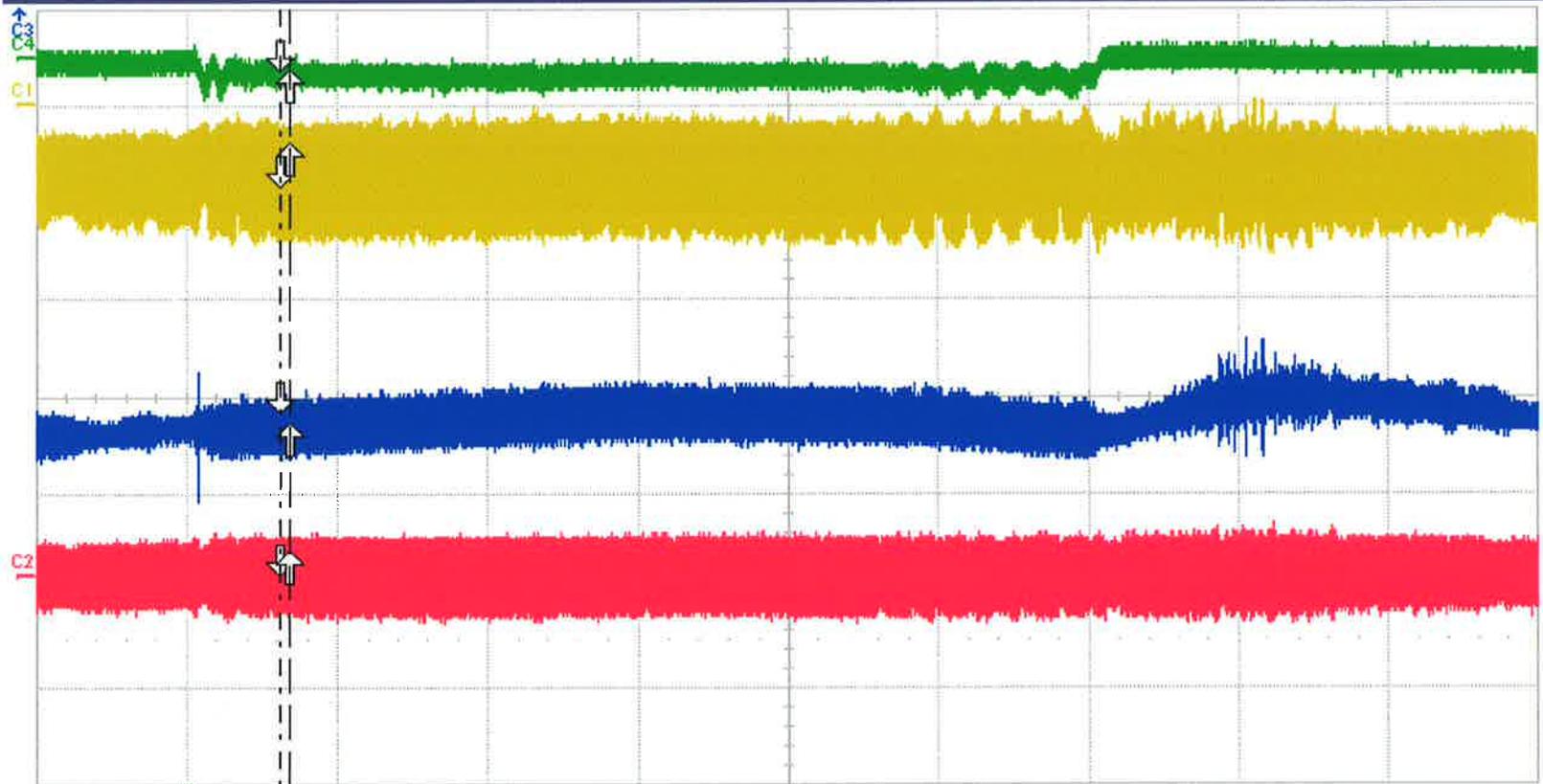
	average	low	high	sigma
rms(1)	346.5mV	333.9	358.3	8.1
rms(2)	28.9mV	25.1	32.3	1.7
rms(3)	365.5mV	353.5	376.7	7.8
rms(4)	28.5mV	24.1	32.4	1.9
phase(1,3)	80 °	74	88	2



Ext10 DC 0.60 V 1MΩ

20 MS/s

NORMAL



SFC
 ← photo read
 into 1MΩ

Measure	P1:mean(C1)	P2:pkpk(C2)	P3:pkpk(C3)	P4:mean(C3)	P5:mean(C4)	P6:---
value	-386 mV	969 mV	13.4 mV	-251.50 mV	-19.6 V	
status	✓	✓	✓	✓	✓	

C1	C2	C3	C4
DCIM	DCIM	DCIM	DCIM
500 mV/div	1.00 V/div	10.0 mV/div	100 V/div
1.510 V offset	-1.840 V ofst	249.00 mV	350.0 V offset
↓ -419 mV	↓ 24 mV	↓ -250.57 mV	↓ -12.6 V
↑ -211 mV	↑ 248 mV	↑ -251.79 mV	↑ -15.6 V
Δy 208 mV	Δy 224 mV	Δy -1.22 mV	Δy -3.1 V

Timebase	-2.00 ms	Trigger	ERT/10 D.D
	500 μs/div	Normal	200 mV
1.00 MS	200 MS/s	Edge	Positive
X1=	314.260 μs	ΔX=	29.060 μs
X2=	343.320 μs	1/ΔX=	34.412 kHz