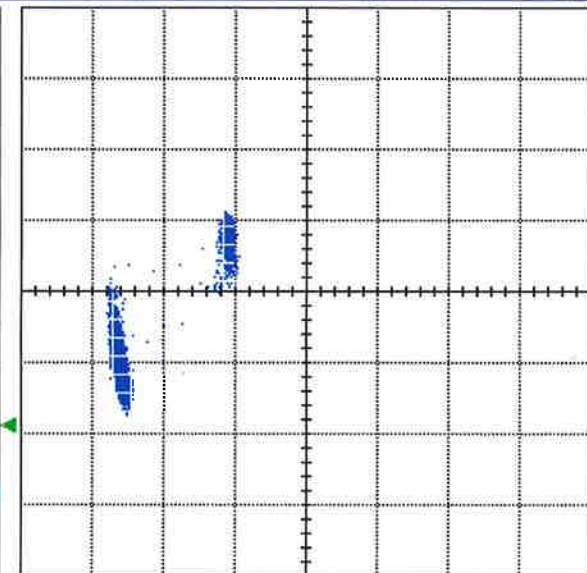
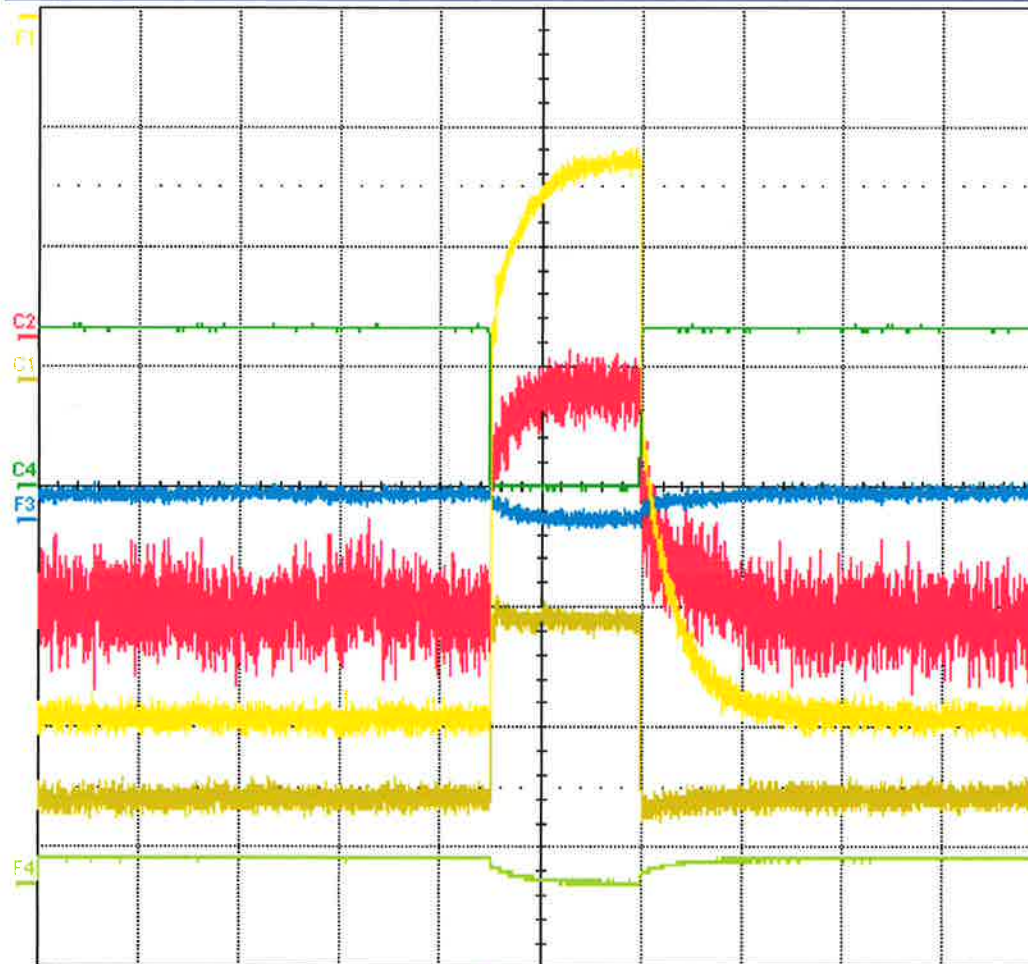


RMF into vacuum, 3ms, RMF pickup visible in CCFB



File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help



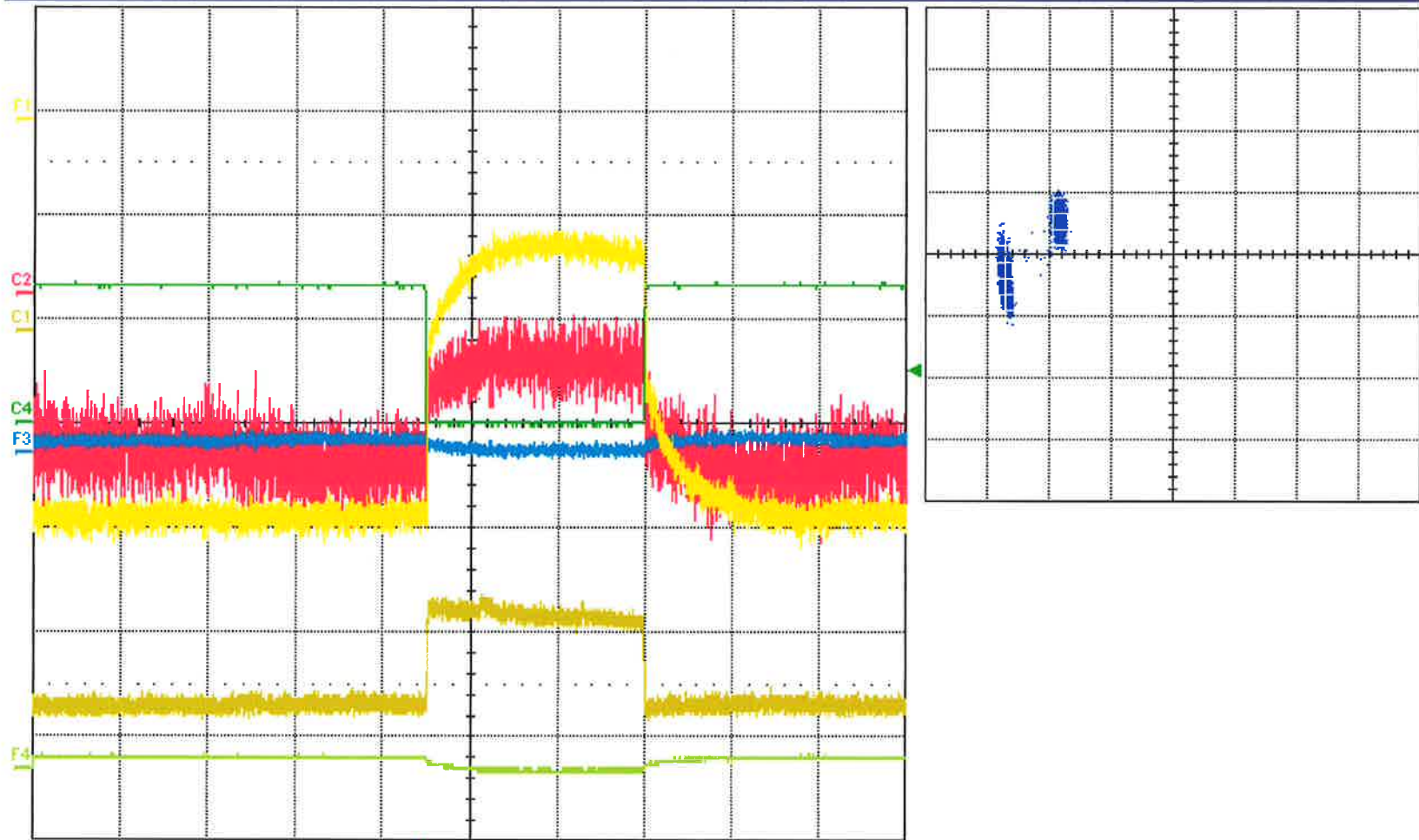
C1	D1	C2	D1	C4	F1	F3	script(...)	F4	<F3>	X1	X1
100 mV	50 mV	50 mV	20 mV	2.00 V	20 mV	1.00	1.00	1.00	1.00	50 mV	100 mV
88 mV	62 mV	0 mV	2.0 ms	0 mV	2.0 ms	2.0 ms	2.0 ms	2.0 ms	2.0 ms	75 #	75 #

Tbase	-1.04 ms	Trigger	C4 D1
	2.00 ms/div	Normal	1.00 V
10.0 kS	500 kS/s	Edge	Negative

LeCroy

12/5/2019 11:30:23 AM

File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help



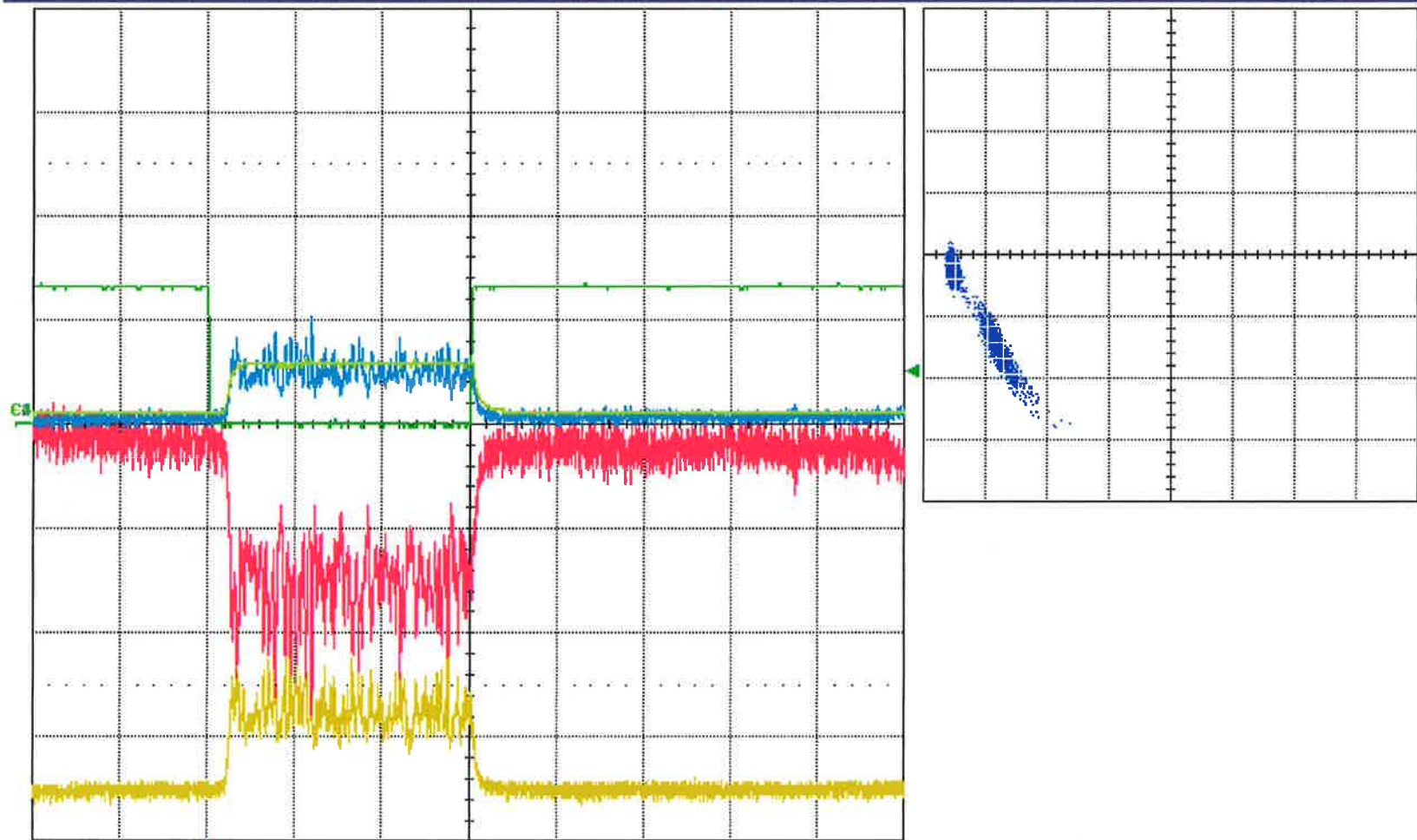
C1	D1	C2	D1	C4	F D1	F1	<C2>	F3 script(...	F4	<F3>	XY XCI...
100 mV	50 mV	2.00 V	20 mV	1.00	50 mV	2.0 ms	1.00	2.0 ms	2.0 ms	2.0 ms	100 mV
88 mV	62 mV	0 mV	47 #								

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

LeCroy

12/5/2019 11:35:46 AM

File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help



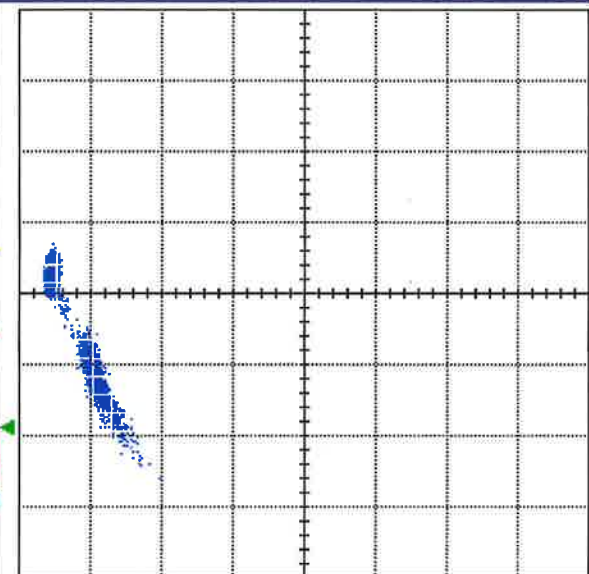
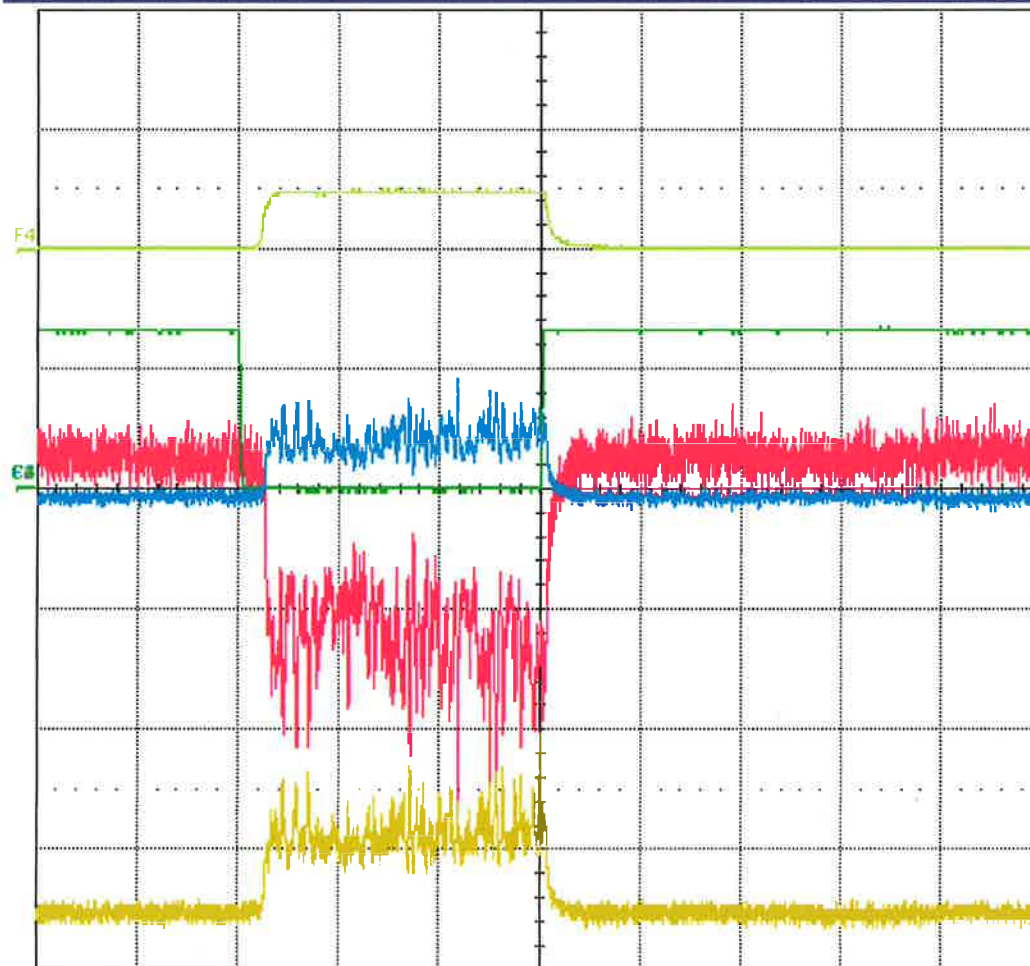
C1	D1	C2	D1	C4	D1	F3 script(...	F4	<F3>	XY	XCI...
100 mV	100 mV	100 mV	2.00 V	1.00	1.00	1.00	1.00	1.00	100 mV	100 mV
0.0 mV	0.0 mV	0.0 mV	0 mV	1.0 ms	1.0 ms	1.0 ms	1.0 ms	155 #		

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

LeCroy

12/5/2019 1:11:46 PM

File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help



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

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

LeCroy

12/5/2019 1:16:49 PM

5-Dec-19
13:18:16

1
.5 ms
0.50 V

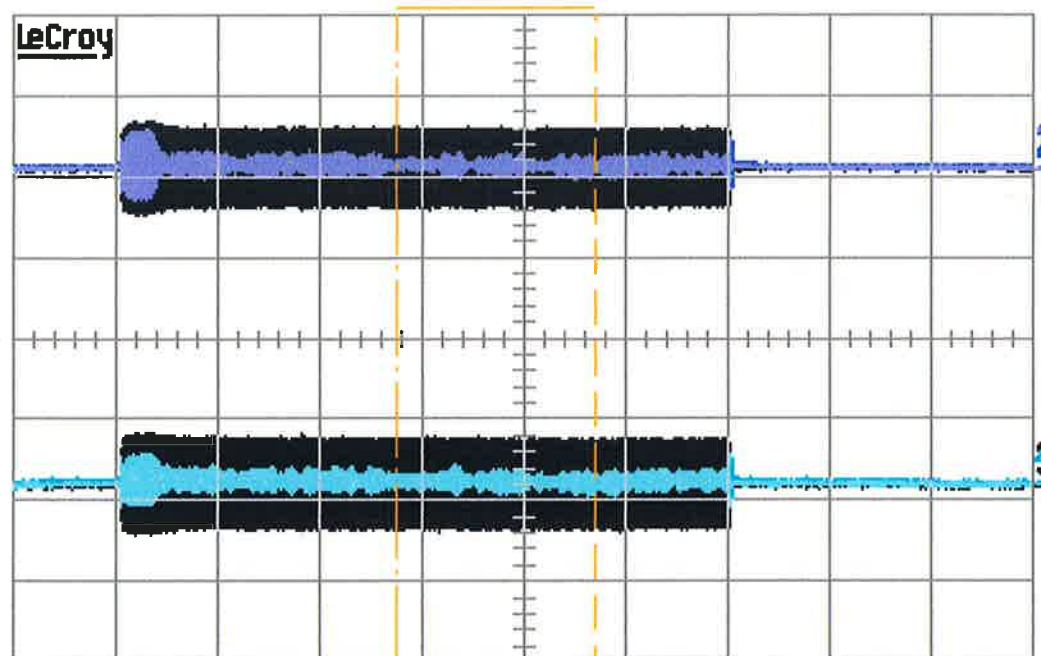
2
.5 ms
200mV

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

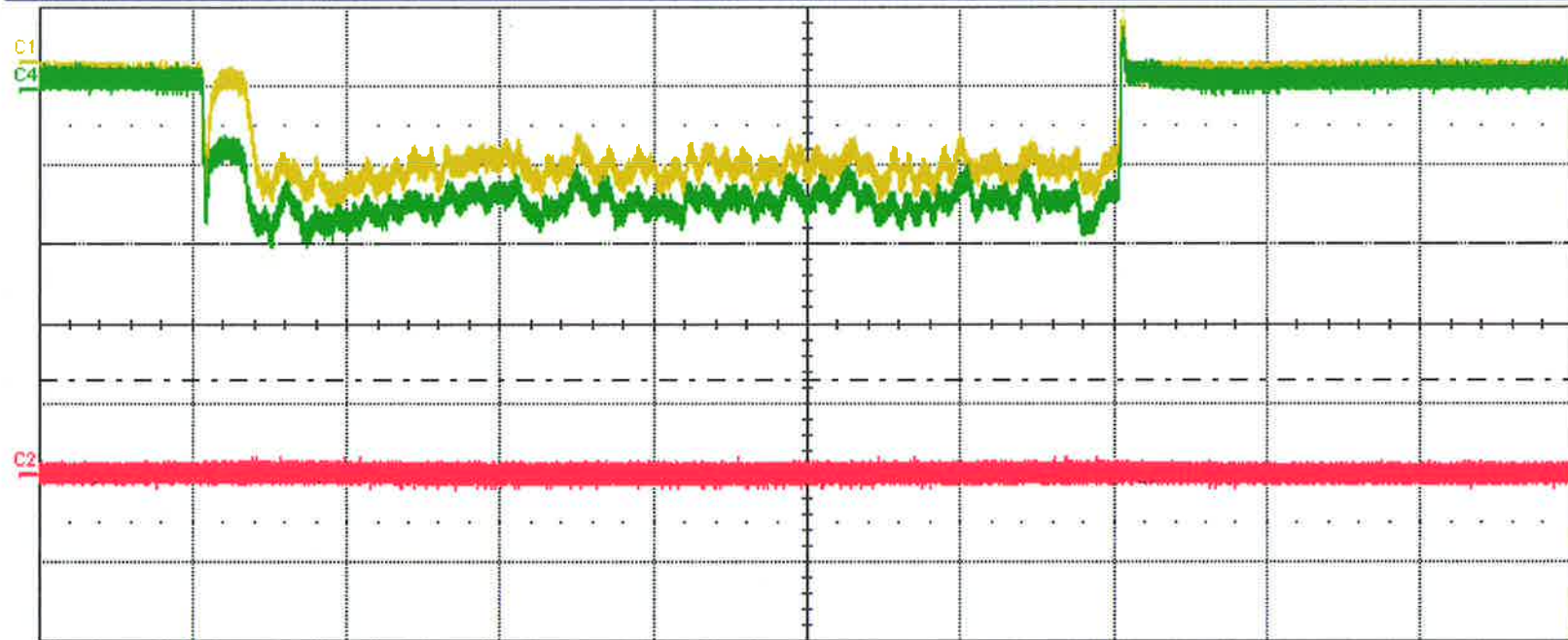


Ext10 DC 0.60 V 1MΩ

20 MS/s

☐ NORMAL

File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help



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	✓	✓	✓	✓	✓	

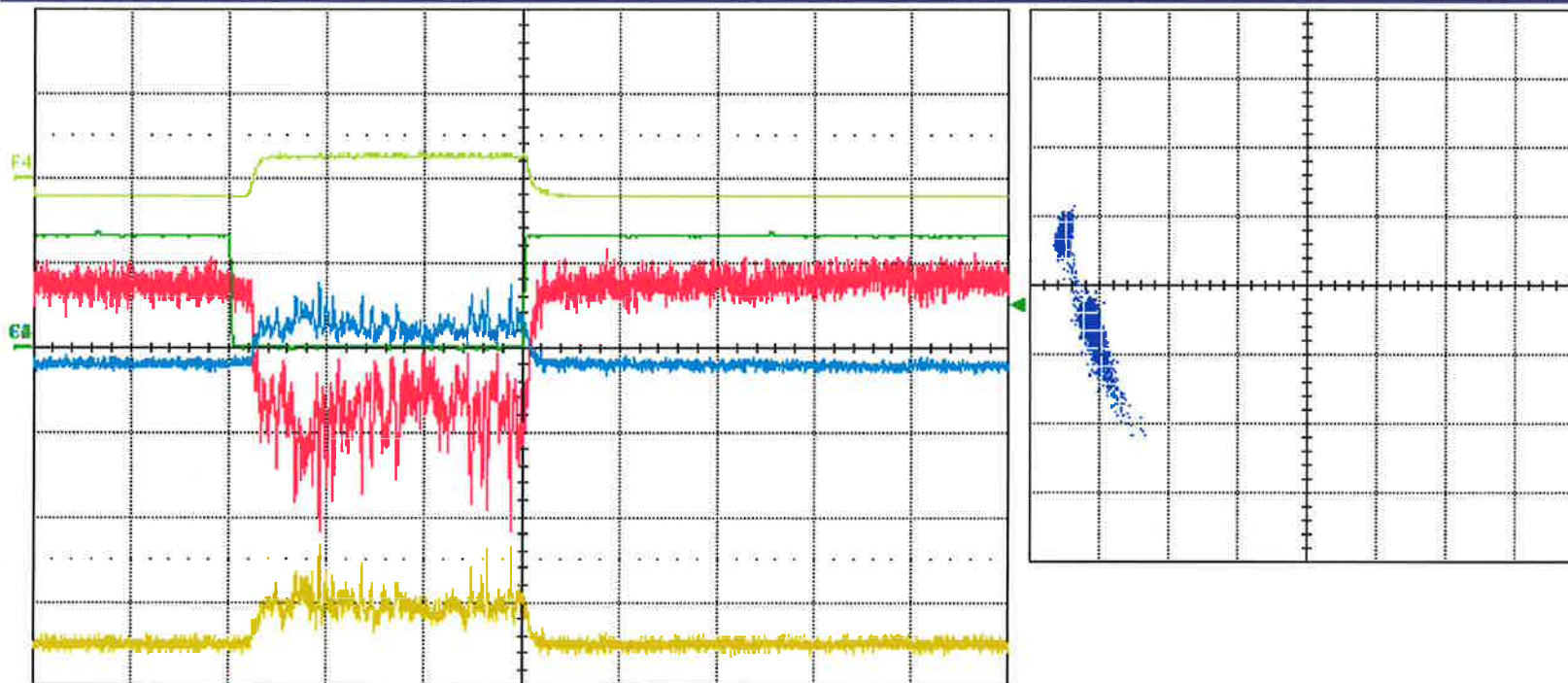
C1	DCIM	C2	DCIM	C4	DCIM
20.0 mV/div	1.00 V/div	20.0 mV/div	1.00 V/div	20.0 mV/div	1.00 V/div
66.00 mV ofst	-1.890 V ofst	66.00 mV ofst	-1.890 V ofst	59.00 mV ofst	-1.890 V ofst
---- -80.0 mV	---- 1.19 V	---- -80.0 mV	---- 1.19 V	---- -73.0 mV	---- 1.19 V
----- -46.0 mV	----- 2.89 V	----- -46.0 mV	-----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

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

LeCroy

12/5/2019 1:16:56 PM

File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help



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	✓							

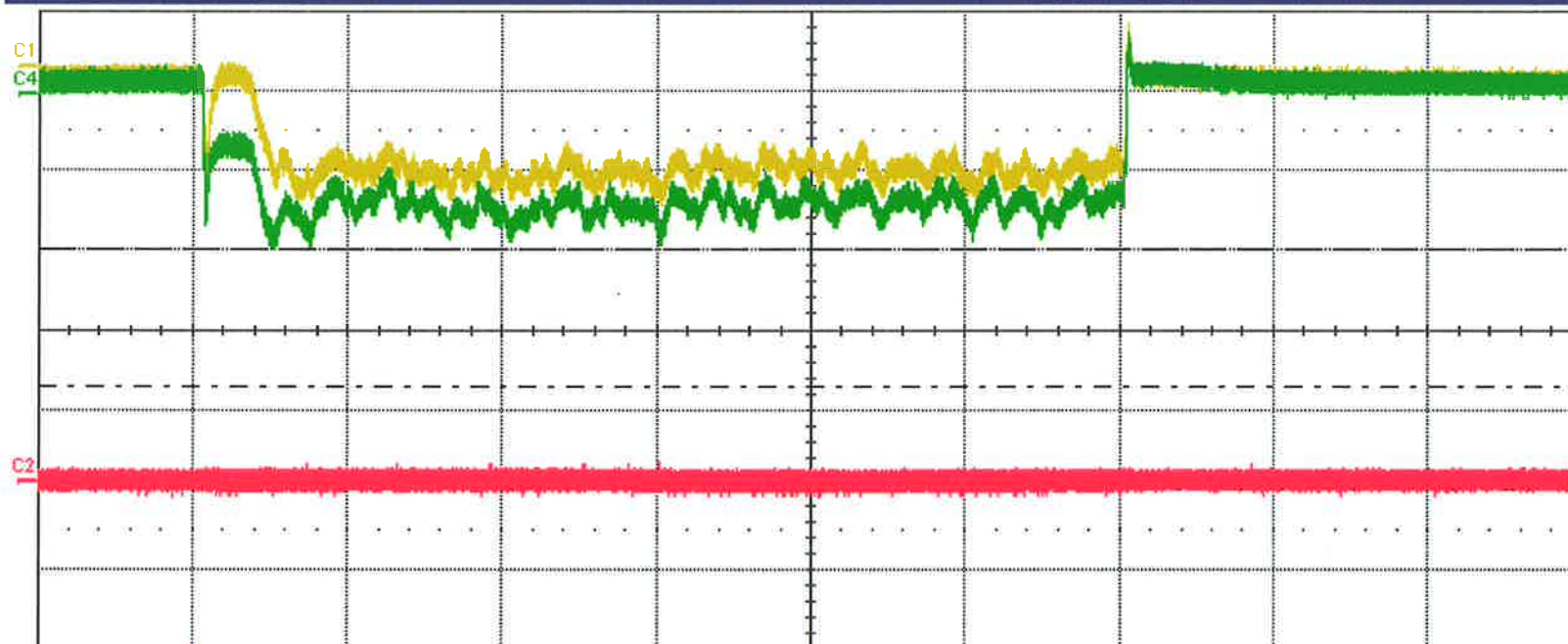
C1	C2	C4	F3 script...	F4	XY	X01...
D1	D1	F D1		<F3>		
100 mV	100 mV	2.00 V	1.00	1.00		100 mV
0.0 mV	0.0 mV	0 mV	1.0 ms	1.0 ms		100 mV
				102 #		

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

LeCroy

12/5/2019 1:21:06 PM

File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help



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	-173.86243935654 °	---
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	DCIM	C2	DCIM	C4	DCIM
20.0 mV/div	1.00 V/div	20.0 mV/div	1.00 V/div	20.0 mV/div	1.00 V/div
66.00 mV ofst	-1.890 V ofst	66.00 mV ofst	-1.890 V ofst	66.00 mV ofst	-1.890 V ofst
----	1.19 V	----	1.19 V	----	1.19 V
-----	2.89 V	-----	2.89 V	-----	2.89 V
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	Edge	Negative	

LeCroy

12/5/2019 1:21:09 PM

5-Dec-19
13:22:30

1
.5 ms
0.50 V

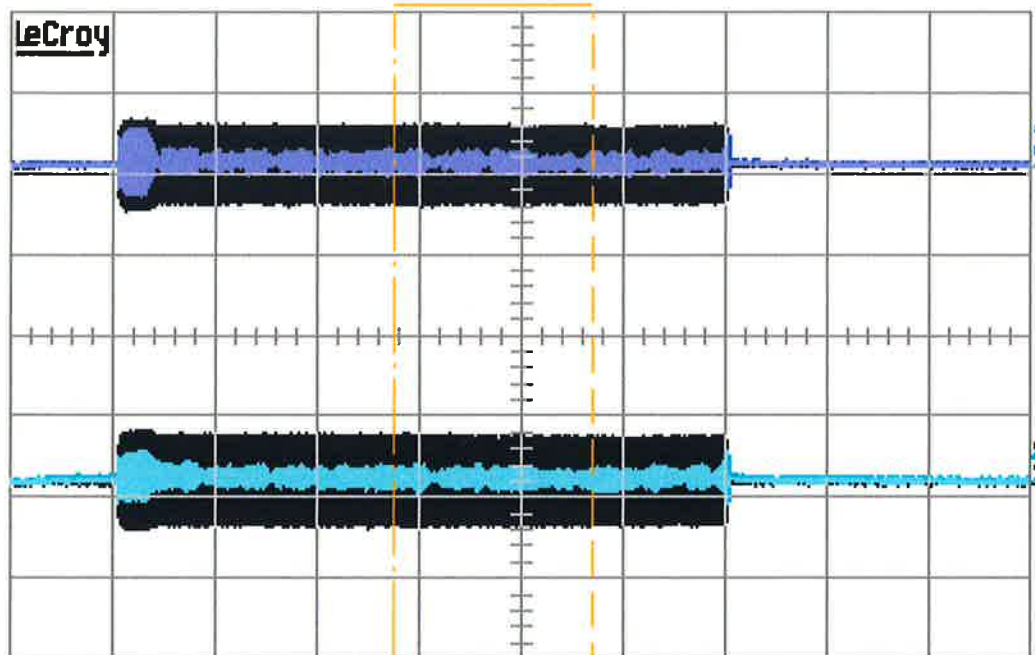
2
.5 ms
200 mV

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



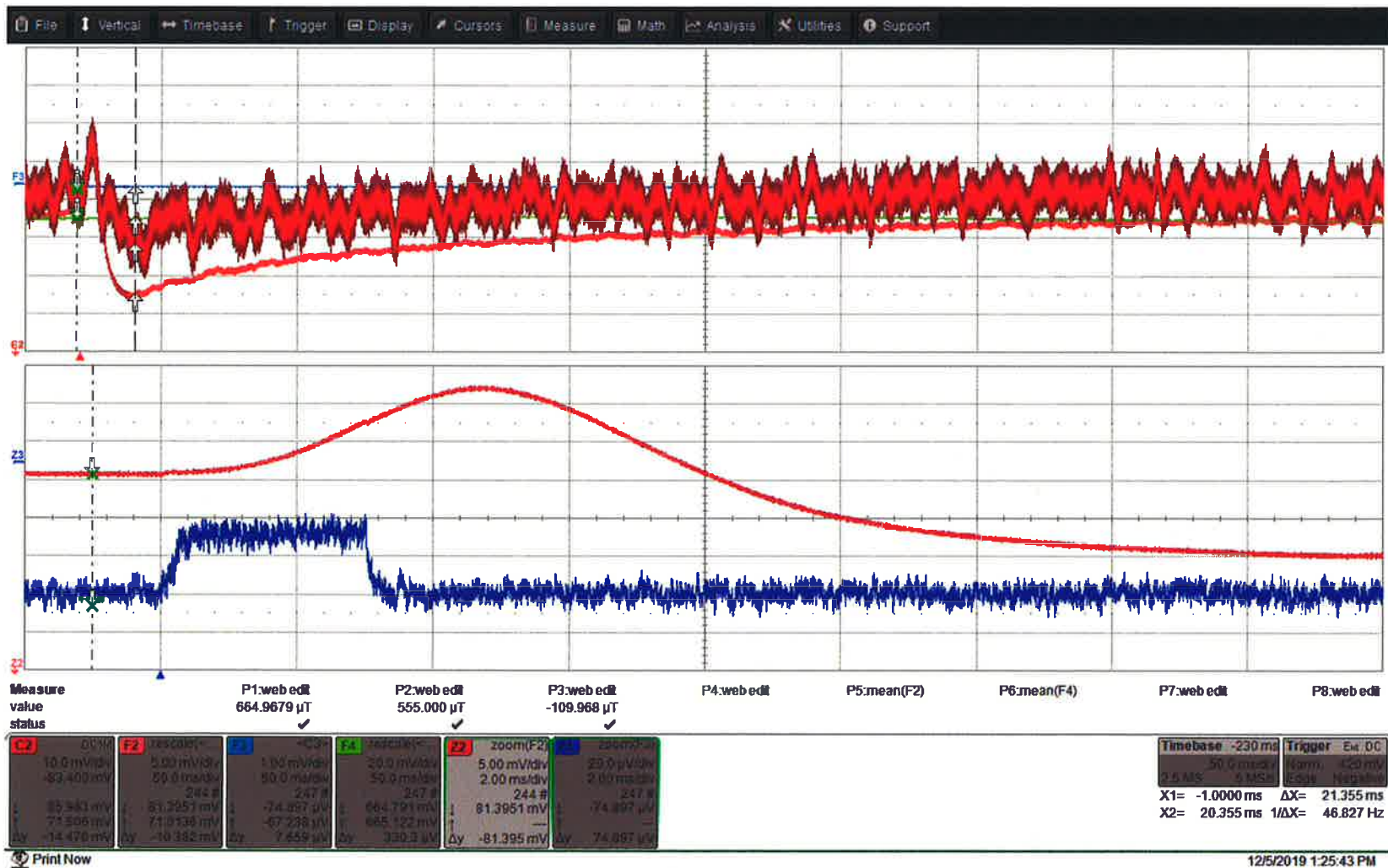
741 sweeps: average low high sigma
rms(1) 165.4mV 142.5 171.9 3.0
rms(2) 16.2mV 11.7 44.4 3.1
rms(3) 187.9mV 157.3 194.3 3.7
rms(4) 17.0mV 12.5 33.9 2.1
phase(1,3) 4.56 ° -200.64 161.18 16.38



Ext10 DC 0.60 V 1MΩ

20 MS/s

☐ NORMAL



5-Dec-19
13:29:30

1
.5 ms
0.50 V

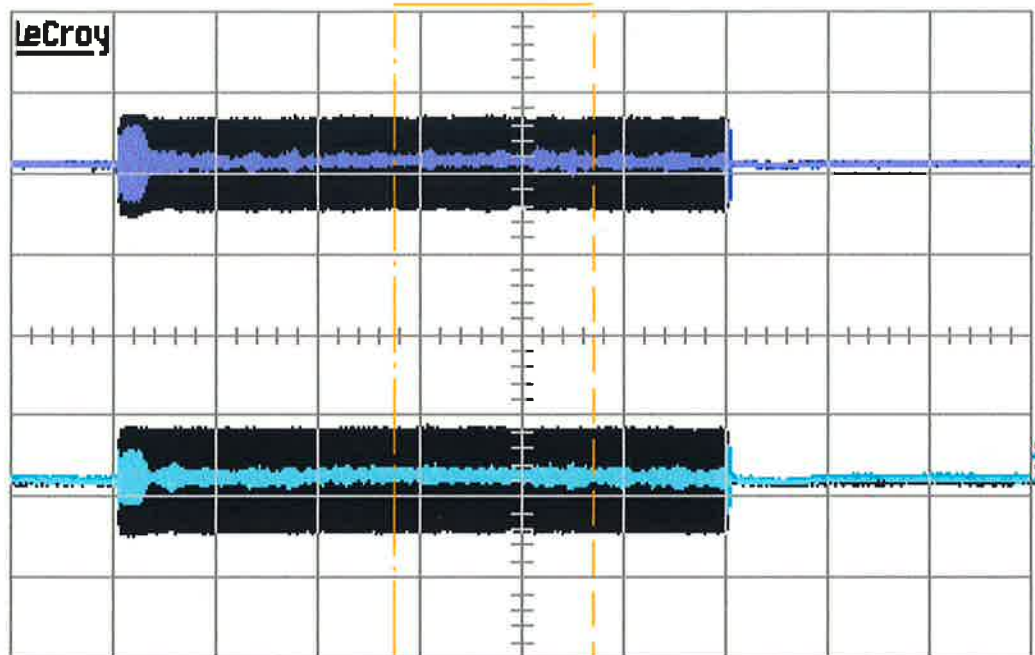
2
.5 ms
200 mV

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



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

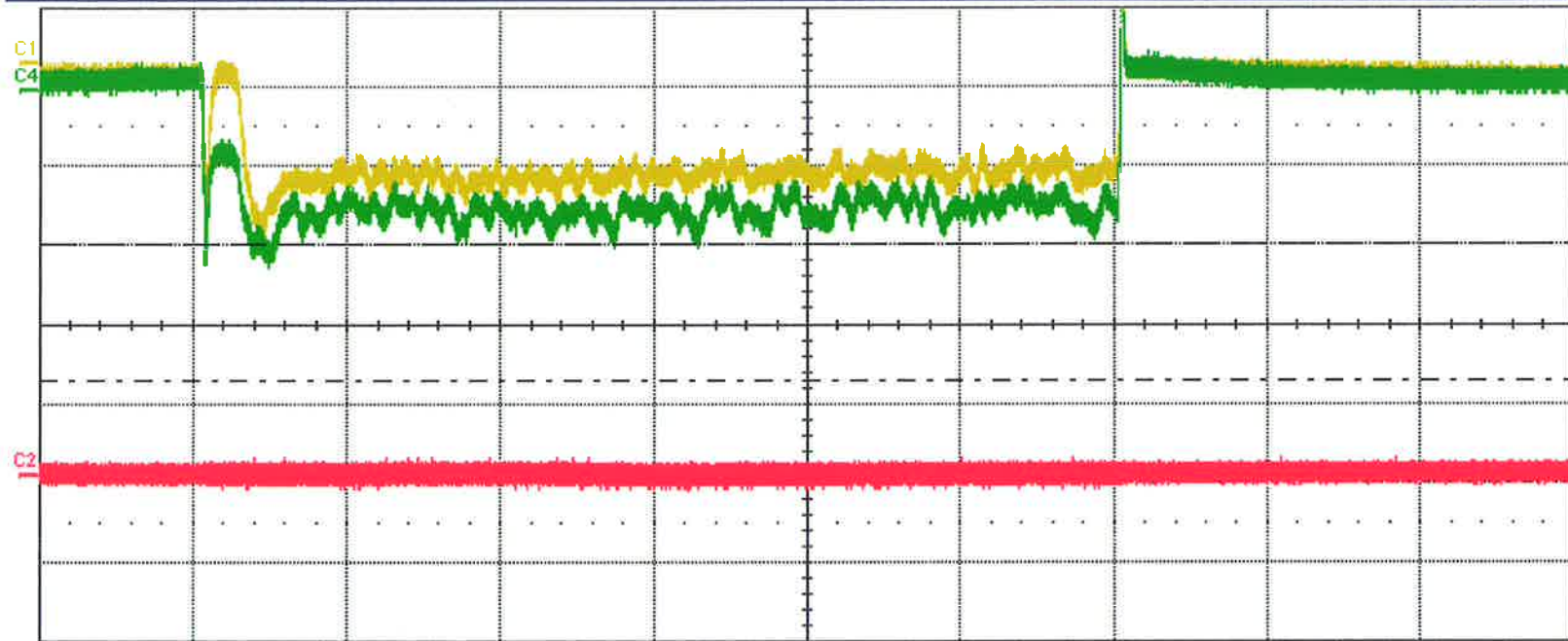


Ext10 DC 0.60 V 1MΩ

20 MS/s

☐ NORMAL

File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help



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	✓	✓	✓	✓		

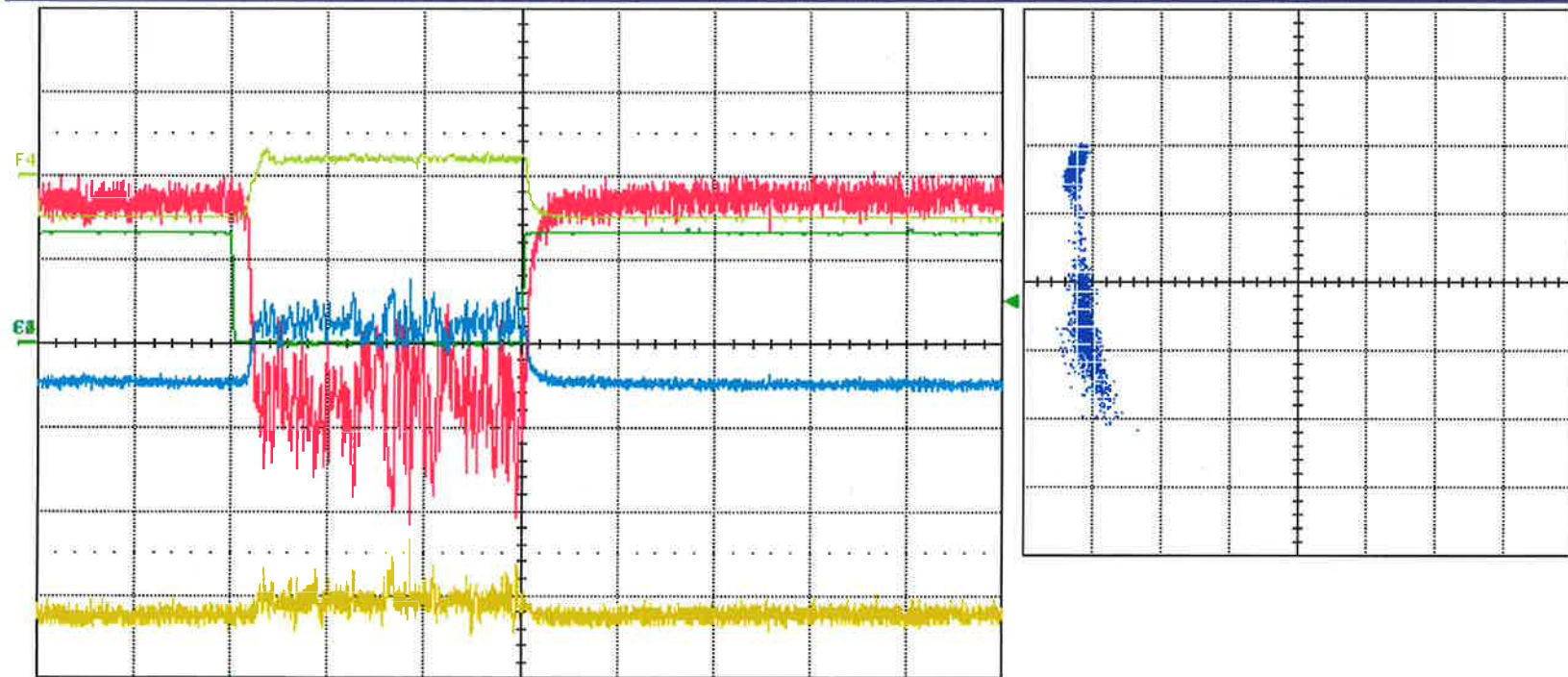
C1	C2	C4
DCIM	DCIM	DCIM
20.0 mV/div	1.00 V/div	20.0 mV/div
66.00 mV ofst	-1.890 V ofst	59.00 mV ofst
---- -80.0 mV	---- 1.19 V	---- -73.0 mV
----- -46.0 mV	----- 2.89 V	----- -39.0 mV
Δy 34.0 mV	Δy 1.70 V	Δy 34.0 mV

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

LeCroy

12/5/2019 1:28:14 PM

File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help



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	✓							

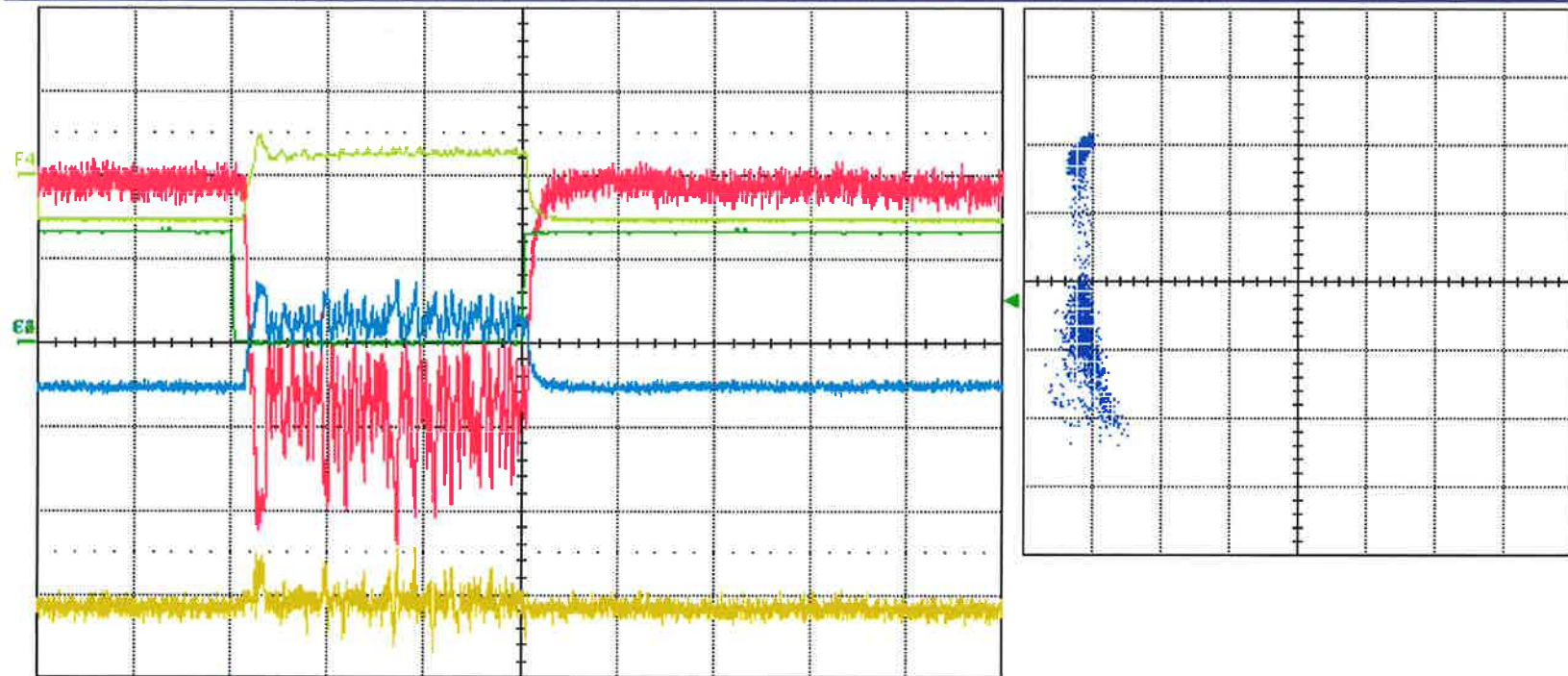
C1	D1	C2	D1	C4	D1	F3 script...	F4	<F3>	XY	X:C1...
100 mV	100 mV	100 mV	100 mV	2.00 V	1.00	1.00	1.00	1.00	100 mV	100 mV
0.0 mV	0.0 mV	0.0 mV	0.0 mV	0 mV	1.0 ms	1.0 ms	1.0 ms	35 #		

Tbase	-2.98 ms	Trigger	C4 D1
	1.00 ms/div	Normal	1.00 V
5.00 kS	500 kS/s	Edge	Negative

LeCroy

12/5/2019 1:28:52 PM

File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help



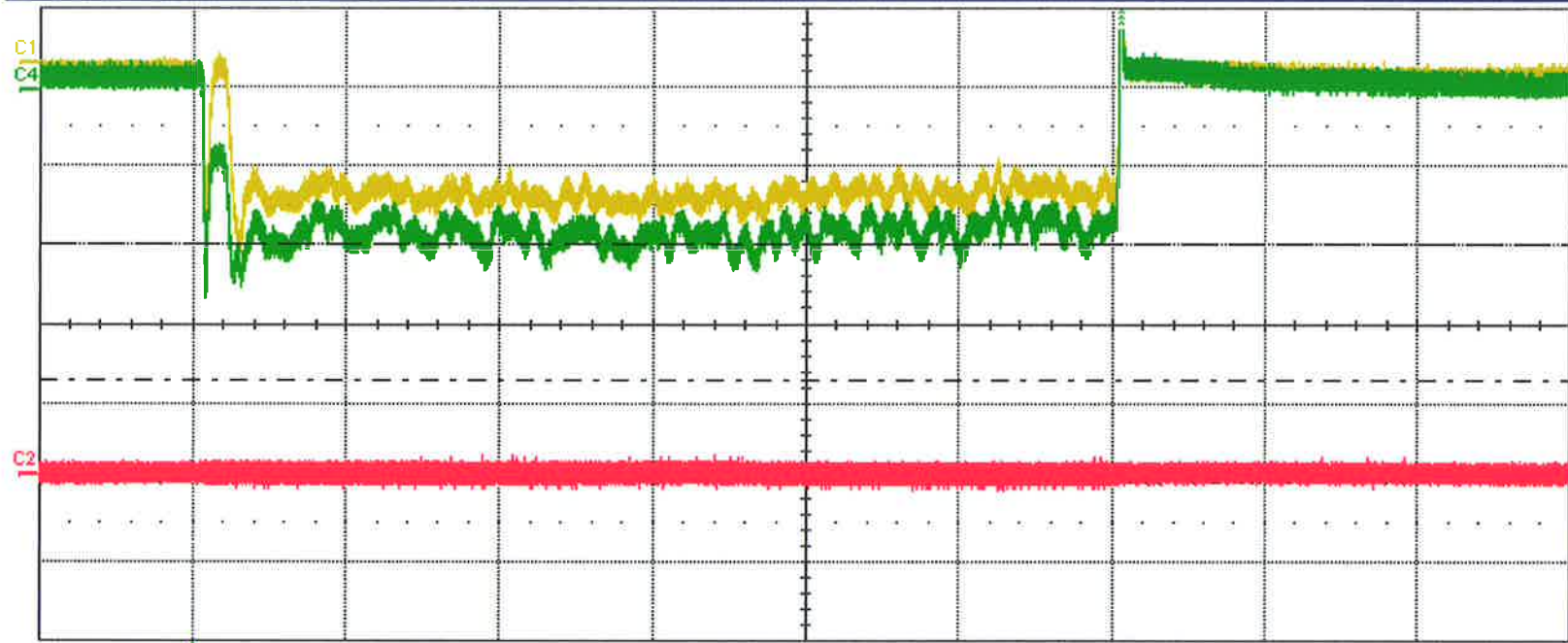
Measure	P1:pkpk(F4)	P2:pkpk(C1)	P3:mean(C2)	P4:pkpk(C2)	P5:mean(C3)	P6:mean(F4)	P7:mean(C1)	P8:mean(C4)
value	1.0255							
mean	1.025489							
min	1.0255							
max	1.0255							
sdev	--							
num	1							
status	✓							

C1	D1	C2	D1	C4	P D1	F3 script(...)	F4	<F3>	XY	XCL...
100 mV	100 mV	100 mV	100 mV	2.00 V	2.00 V	1.00	1.00	1.00	100 mV	100 mV
0.0 mV	0.0 mV	0.0 mV	0.0 mV	0 mV	0 mV	1.0 ms	1.0 ms	1.0 ms	100 mV	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

LeCroy

12/5/2019 1:30:01 PM



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	DCIM	C2	DCIM	C4	DCIM
20.0 mV/div	1.00 V/div	20.0 mV/div	1.00 V/div	20.0 mV/div	1.00 V/div
66.00 mV ofst	-1.890 V ofst	66.00 mV ofst	-1.890 V ofst	66.00 mV ofst	-1.890 V ofst
----	1.19 V	----	1.19 V	----	1.19 V
----	2.89 V	----	2.89 V	----	2.89 V
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

5-Dec-19
13:31:24

1
.5 ms
0.50 V

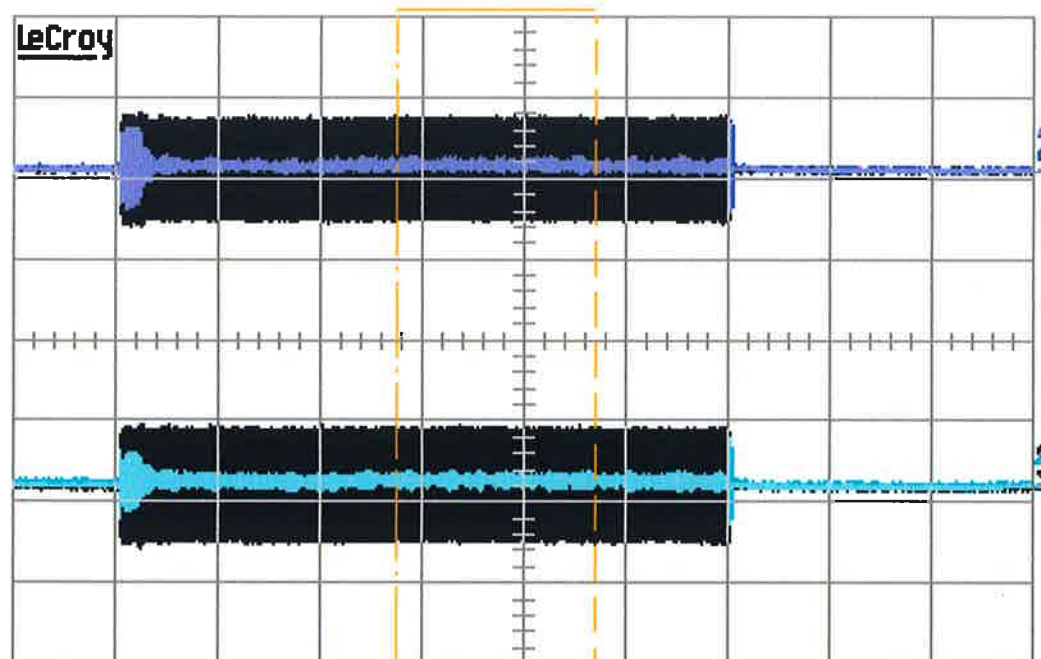
2
.5 ms
200 mV

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



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

5-Dec-19
13:32:46

1
.5 ms
0.50 V

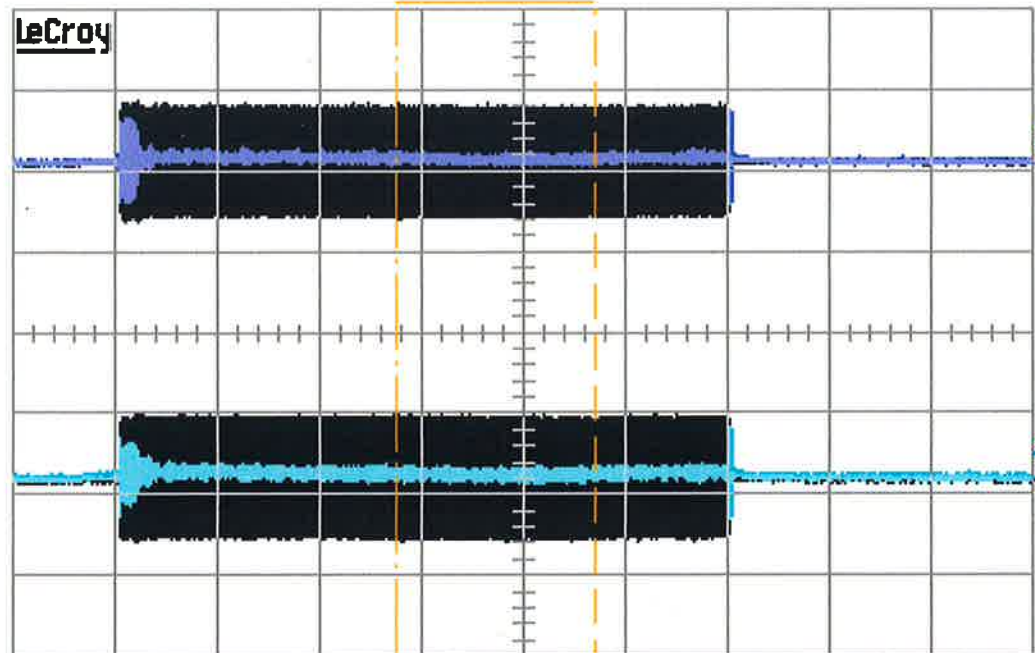
2
.5 ms
200 mV

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

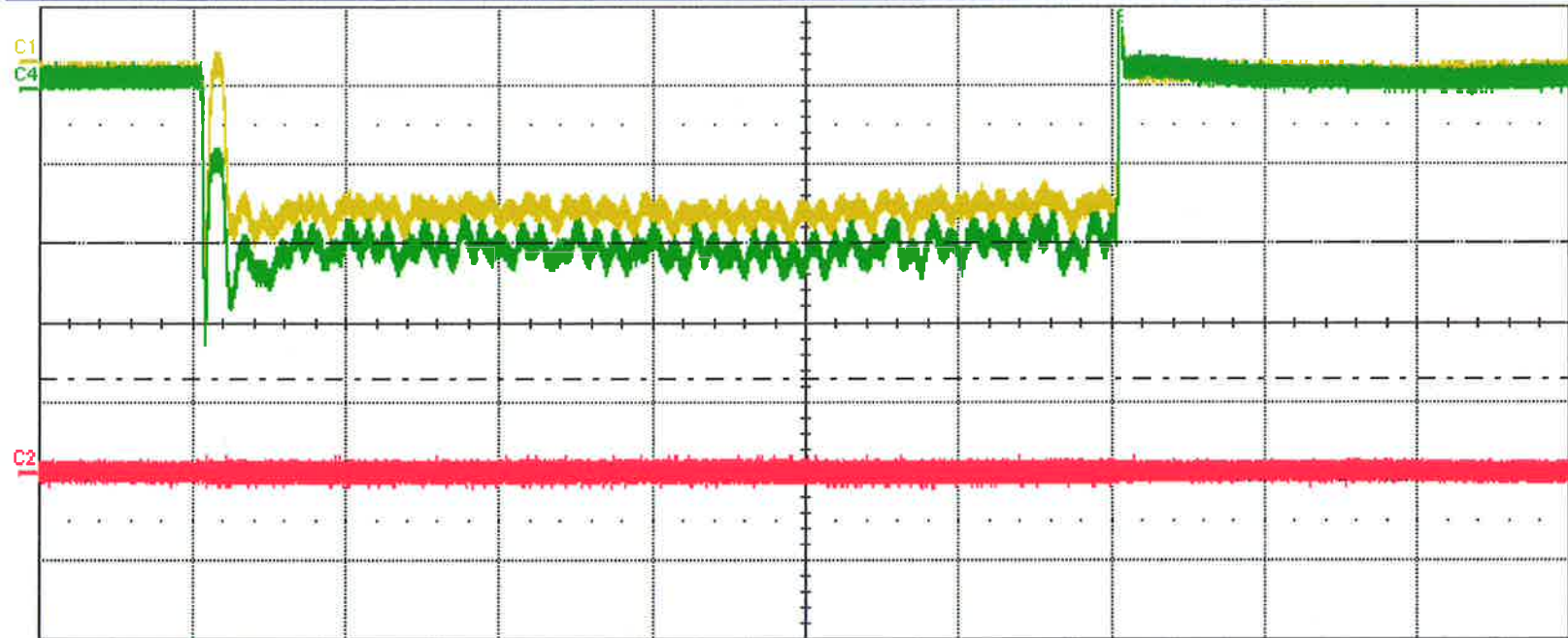


Ext10 DC 0.60 V 1MΩ

20 MS/s

☐ NORMAL

File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help



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	✓	✓	✓	✓	▲	---

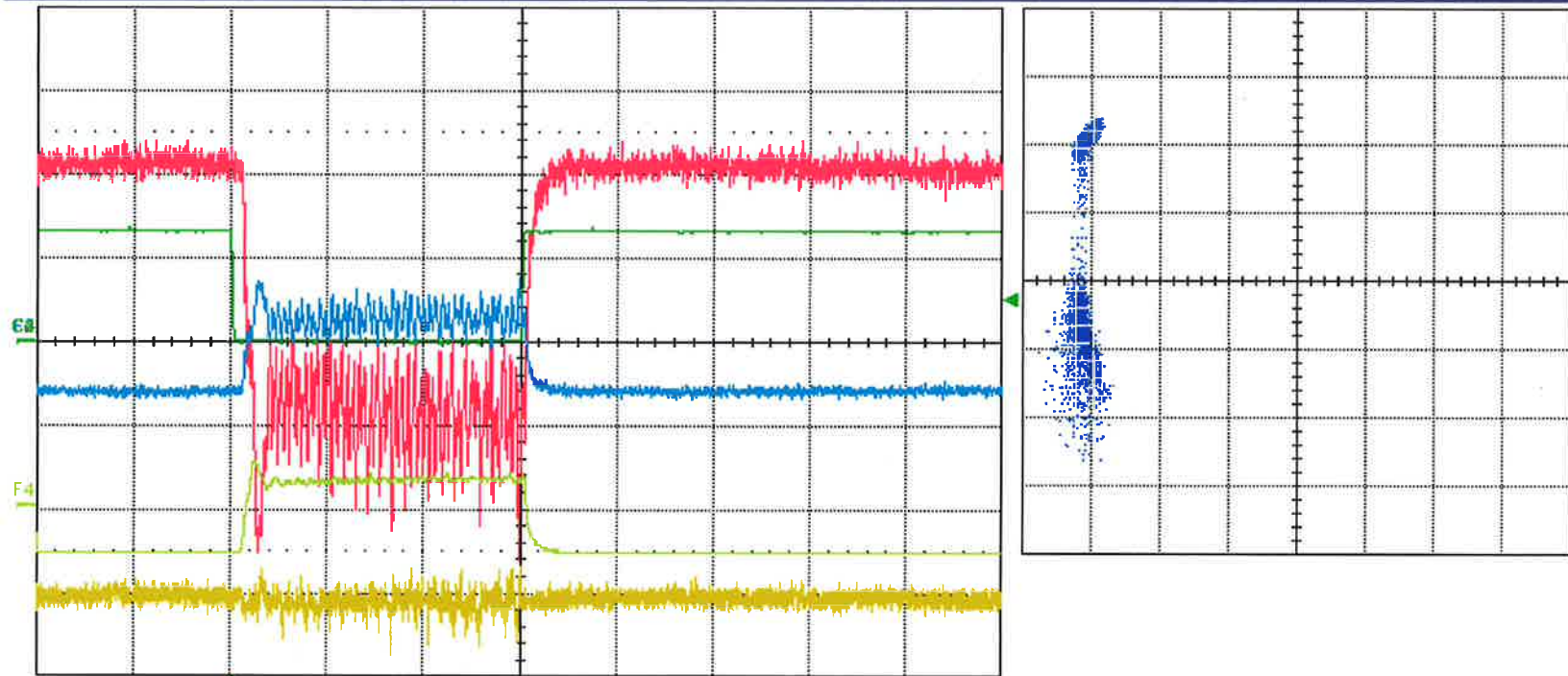
C1	C2	C4
DCIM	DCIM	DCIM
20.0 mV/div	1.00 V/div	20.0 mV/div
66.00 mV ofst	-1.890 V ofst	59.00 mV ofst
---- -80.0 mV	---- 1.19 V	---- -73.0 mV
----- -46.0 mV	----- 2.69 V	----- -39.0 mV
Δy 34.0 mV	Δy 1.70 V	Δy 34.0 mV

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

LeCroy

12/5/2019 1:31:30 PM

File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help



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 DC
	1.00 ms/div	Normal	1.00 V
5.00 kS	500 kS/s	Edge	Negative

LeCroy

12/5/2019 1:31:34 PM

5-Dec-19
13:34:02

1
.5 ms
0.50 V

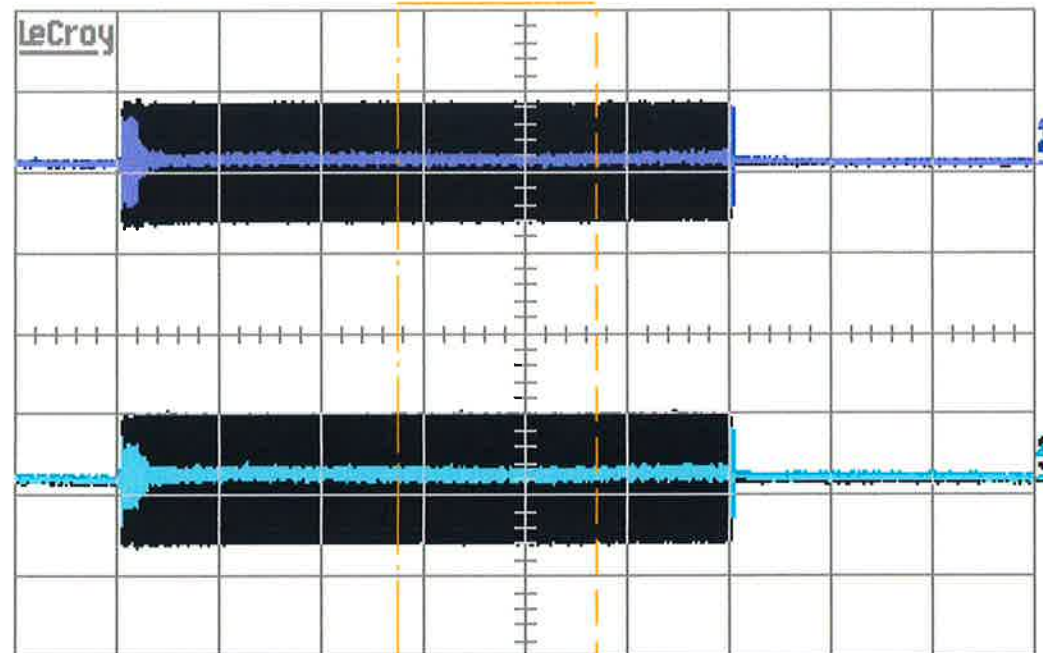
2
.5 ms
200 mV

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



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

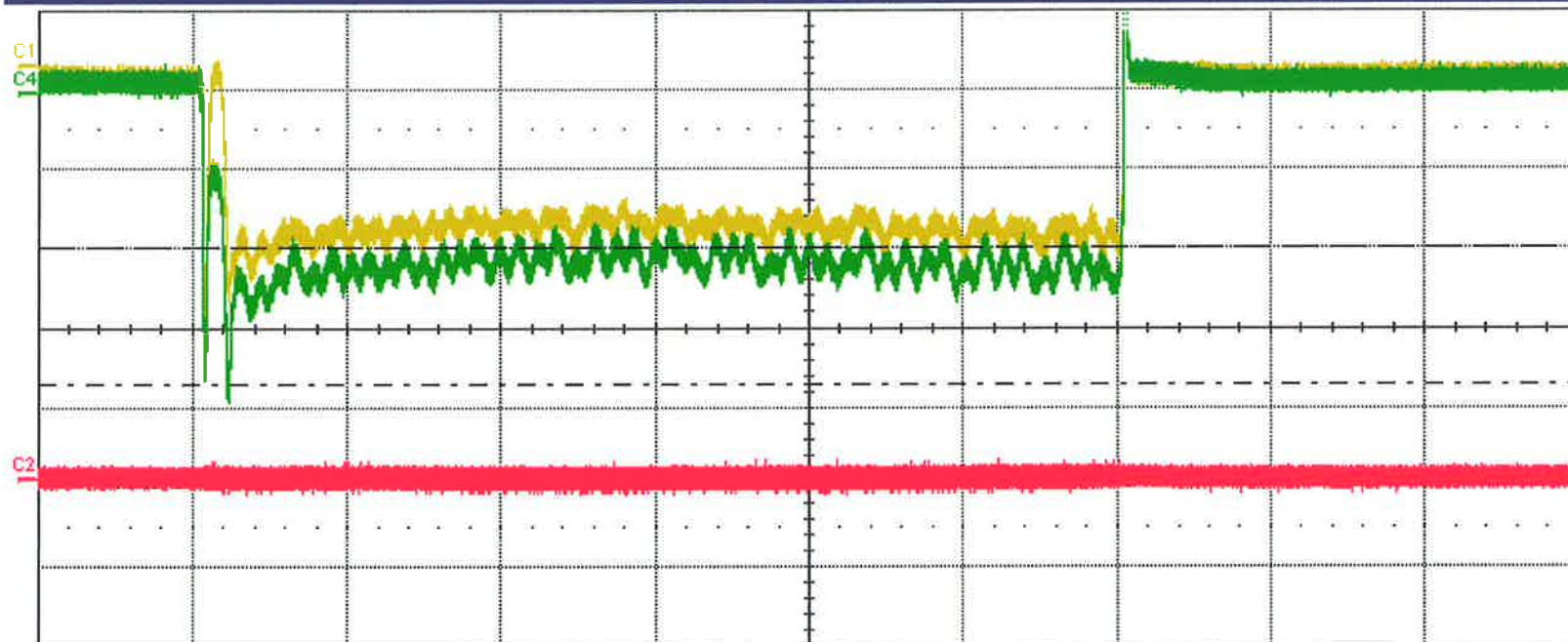


Ext10 DC 0.60 V 1MΩ

20 MS/s

☐ NORMAL

File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help



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	✓	✓	✓	✓	⚠	---

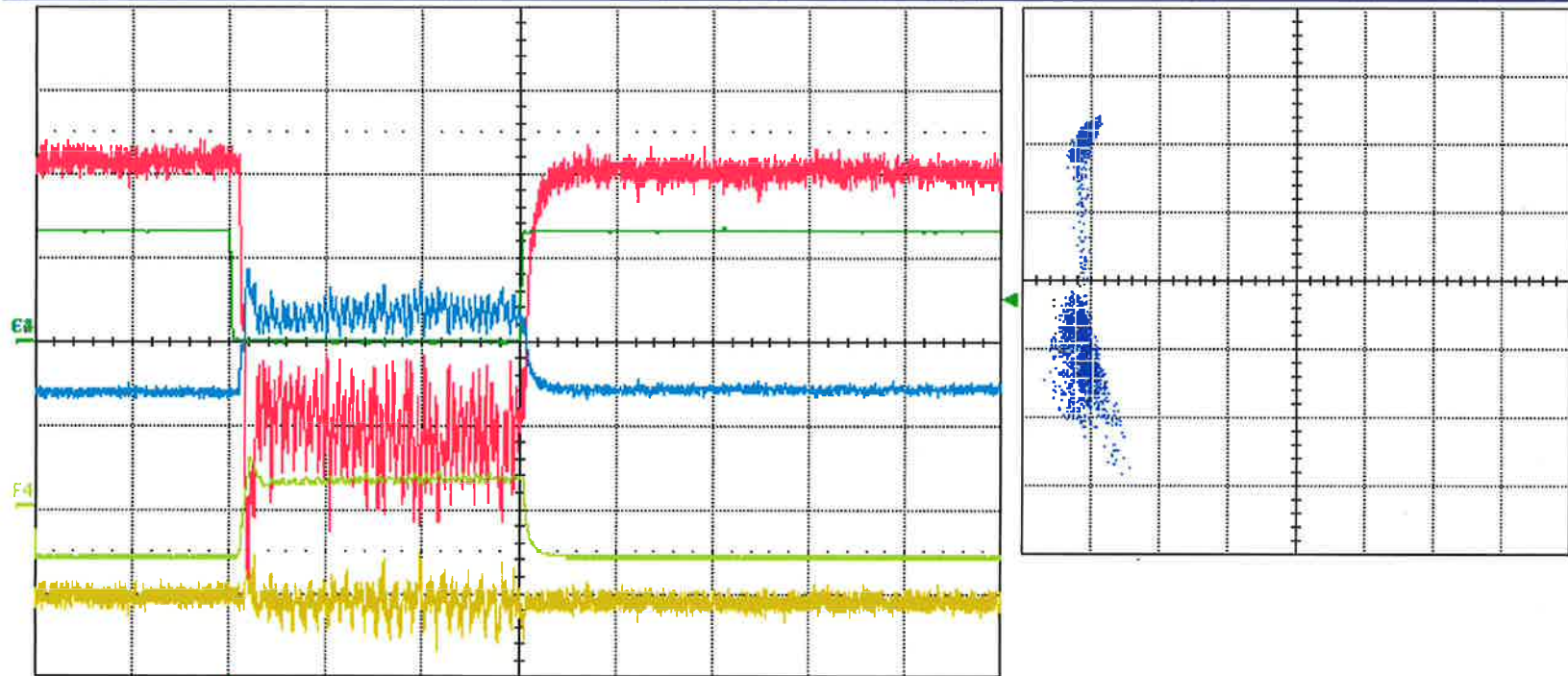
C1	C2	C4
DCIM	DCIM	DCIM
20.0 mV/div	1.00 V/div	20.0 mV/div
66.00 mV ofst	-1.890 V ofst	59.00 mV ofst
----- -80.0 mV	----- 1.19 V	----- -73.0 mV
----- -46.0 mV	----- 2.89 V	----- -39.0 mV
Δy 34.0 mV	Δy 1.70 V	Δy 34.0 mV

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

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File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help



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	D1	C2	D1	C4	D1	F3 script(...)	F4	<F3>	XY	XCL
100 mV	100 mV	2.00 V	1.00	1.00	100 mV					
0.0 mV	0.0 mV	0 mV	1.0 ms	1.0 ms	100 mV					
				47 #						

Tbase	-2.98 ms	Trigger	C4 D0
	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

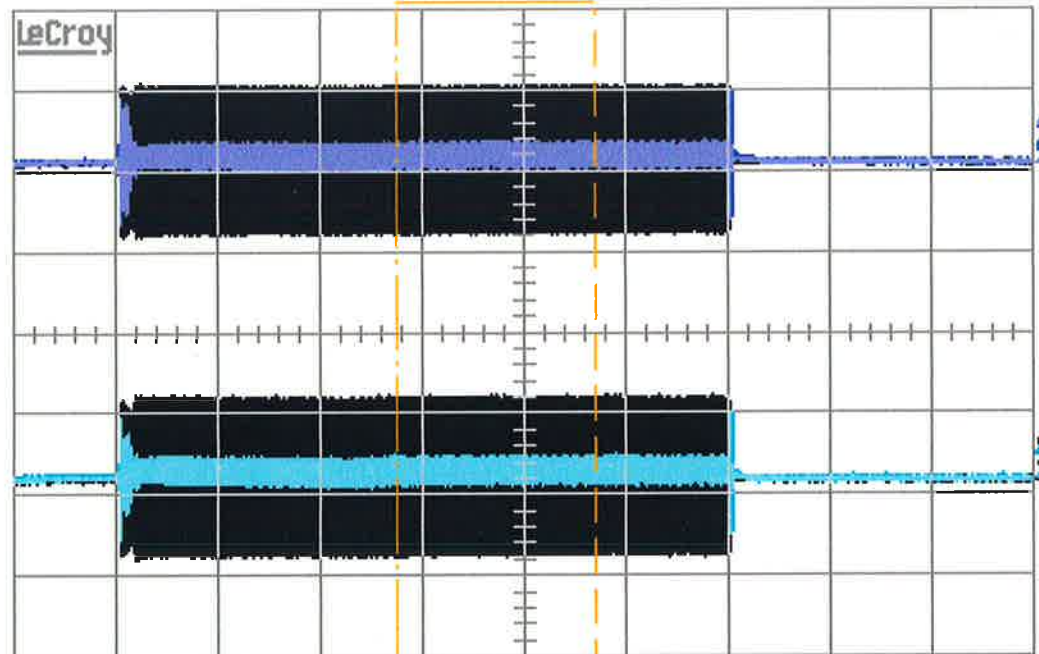
2
.5 ms
200mV

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

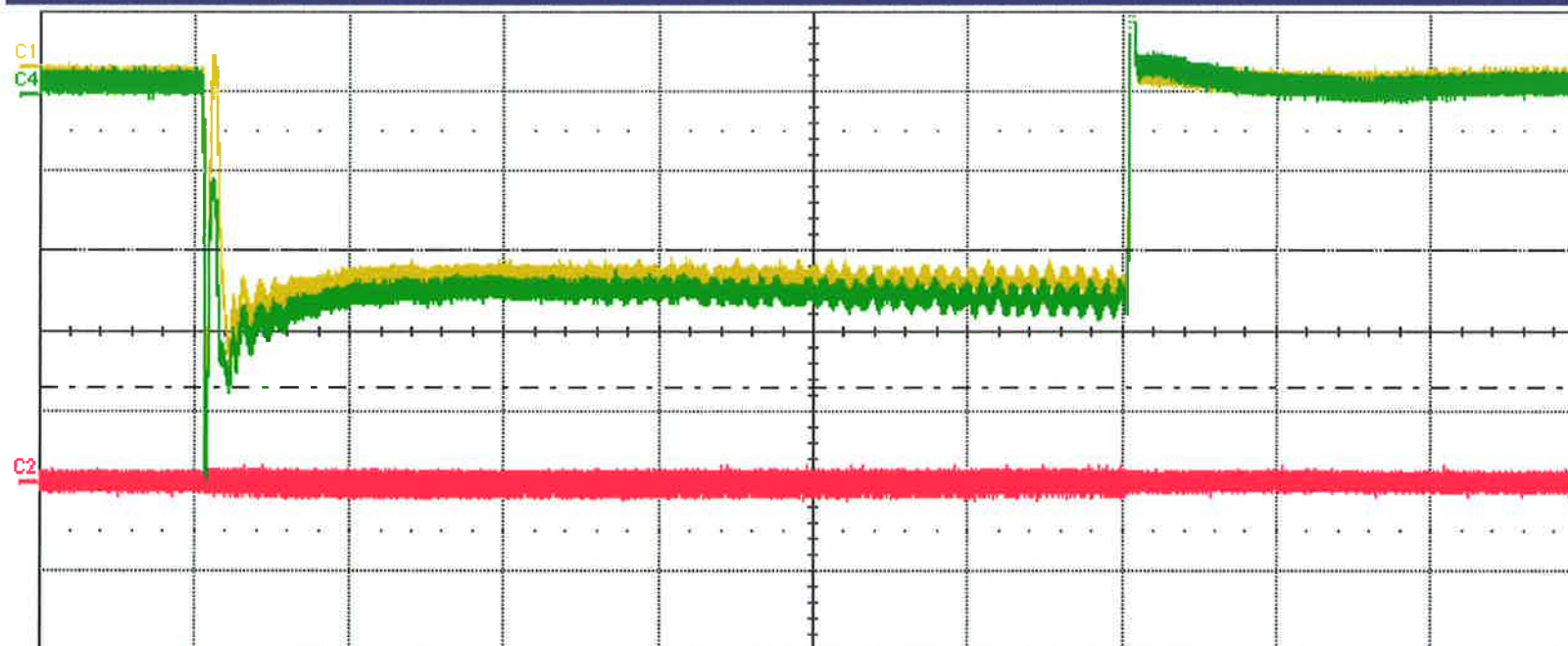


Ext10 DC 0.60 V 1MΩ

20 MS/s

☐ NORMAL

File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help



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	✓	✓	✓	✓		

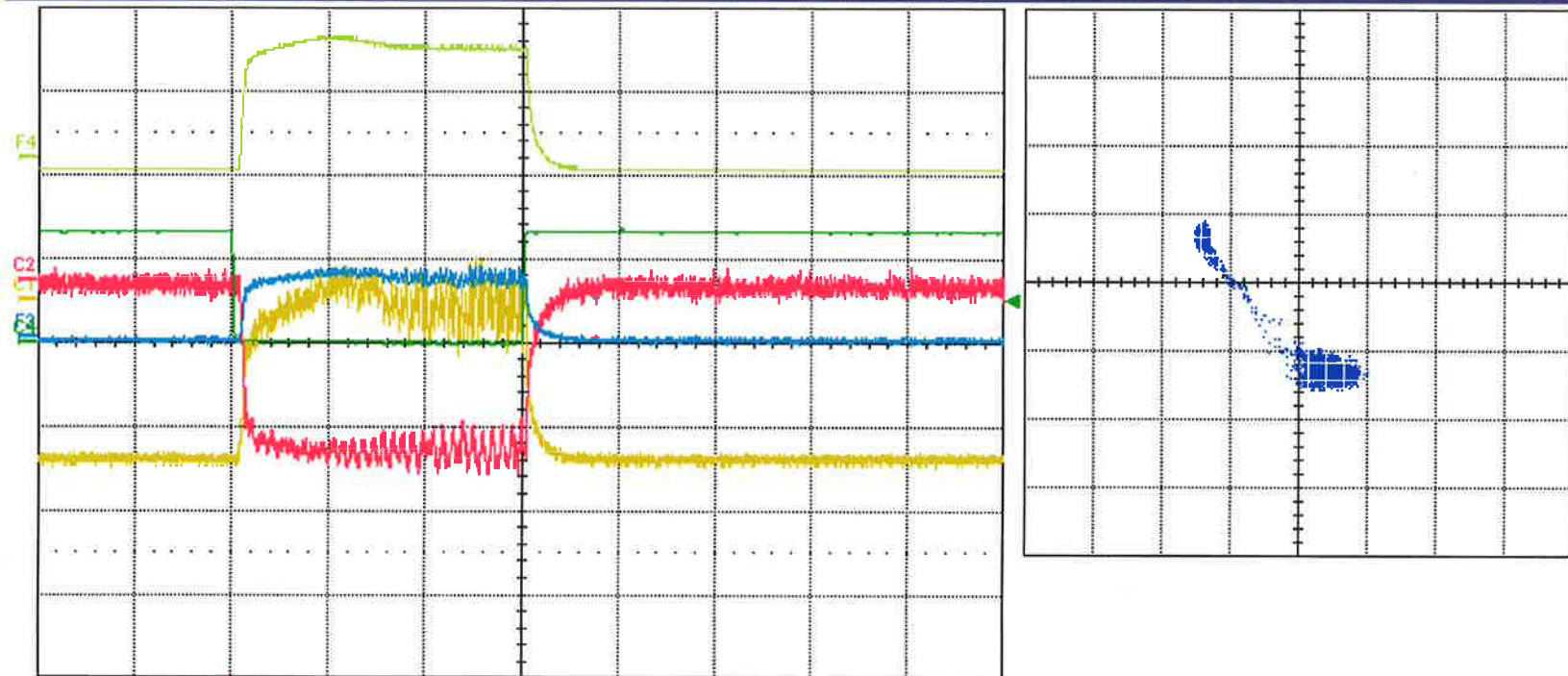
C1	DCIM	C2	DCIM	C4	DCIM
20.0 mV/div	1.00 V/div	20.0 mV/div	1.00 V/div	20.0 mV/div	1.00 V/div
66.00 mV ofst	-1.890 V ofst	66.00 mV ofst	-1.890 V ofst	66.00 mV ofst	-1.890 V ofst
---- -80.0 mV	---- 1.19 V	---- -80.0 mV	---- 1.19 V	---- -80.0 mV	---- 1.19 V
----- -46.0 mV	----- 2.89 V	----- -46.0 mV	-----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

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

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File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help



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	✓							

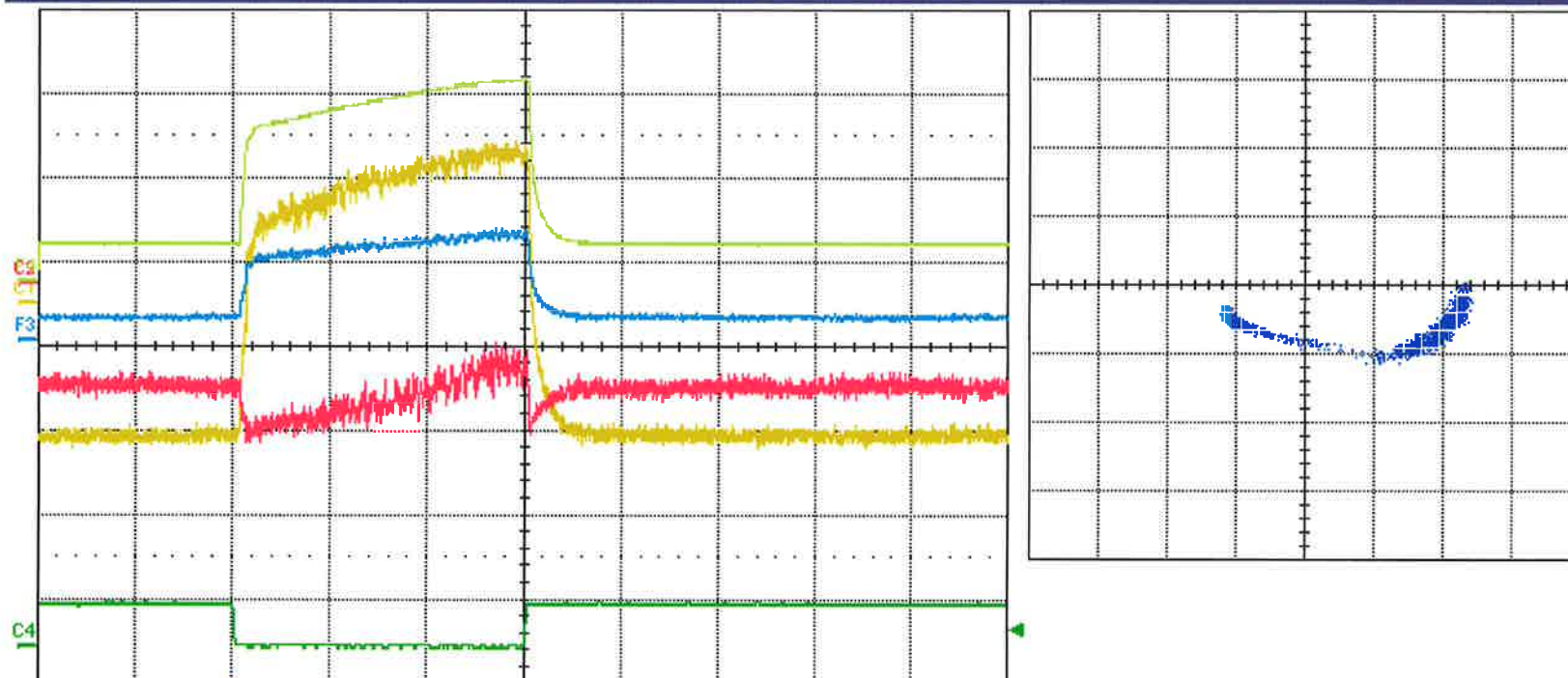
C1	C2	C4	F3 script...	F4	XY	XCC1...
200 mV	200 mV	2.00 V	2.00	<F3>		200 mV
98 mV	148 mV	0 mV	1.0 ms	1.00		200 mV
				1.0 ms		
				73 #		

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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File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help



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	✓							

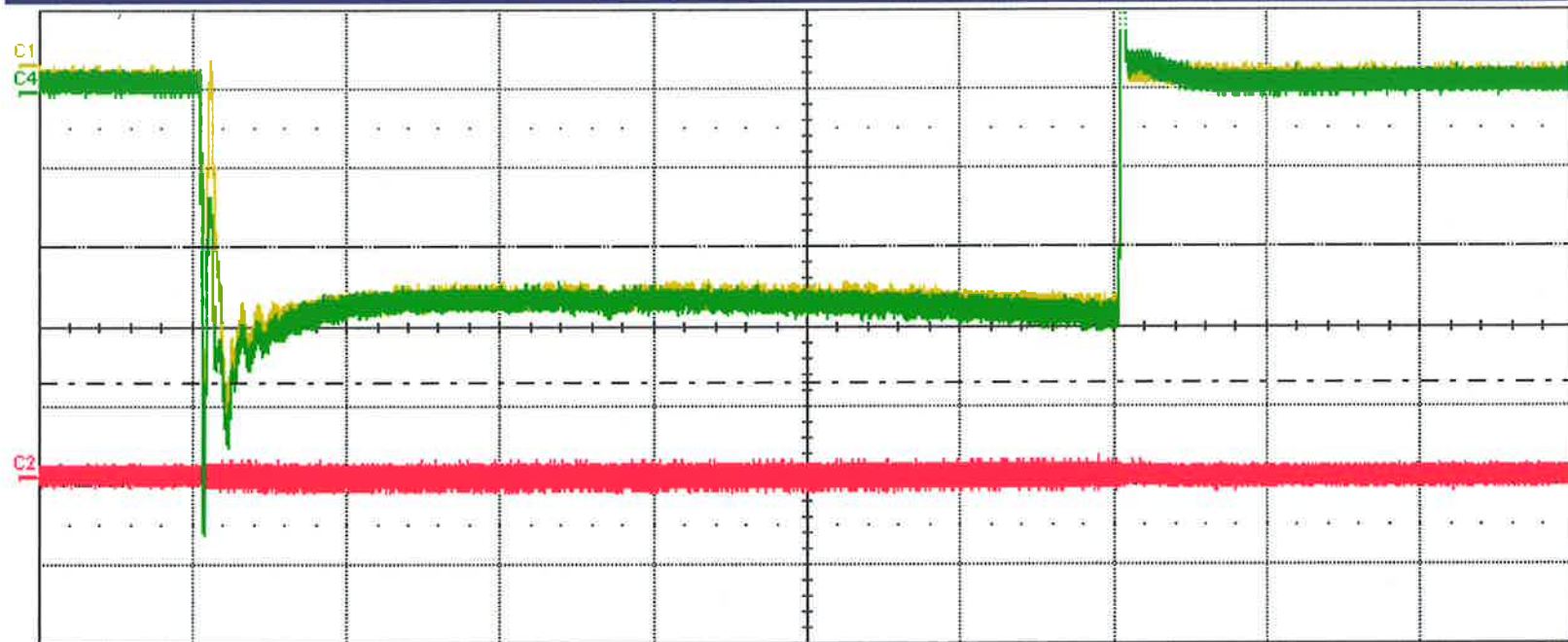
C1	200 mV	98 mV	C2	200 mV	148 mV	C4	5.00 V	-17.9 V	F3 script(...)	2.00	1.0 ms	F4	<F3>	1.00	1.0 ms	104 #	XY	X	C1	200 mV	200 mV
----	--------	-------	----	--------	--------	----	--------	---------	----------------	------	--------	----	------	------	--------	-------	----	---	----	--------	--------

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

LeCroy

12/5/2019 1:47:19 PM

File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help



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	DCIM	C2	DCIM	C4	DCIM
20.0 mV/div	1.00 V/div	20.0 mV/div	1.00 V/div	20.0 mV/div	1.00 V/div
66.00 mV ofst	-1.890 V ofst	66.00 mV ofst	-1.890 V ofst	66.00 mV ofst	-1.890 V ofst
----	1.19 V	----	1.19 V	----	1.19 V
-----	2.89 V	-----	2.89 V	-----	2.89 V
Δy	34.0 mV	Δy	34.0 mV	Δy	34.0 mV

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

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13:48:43

1
.5 ms
0.50 V

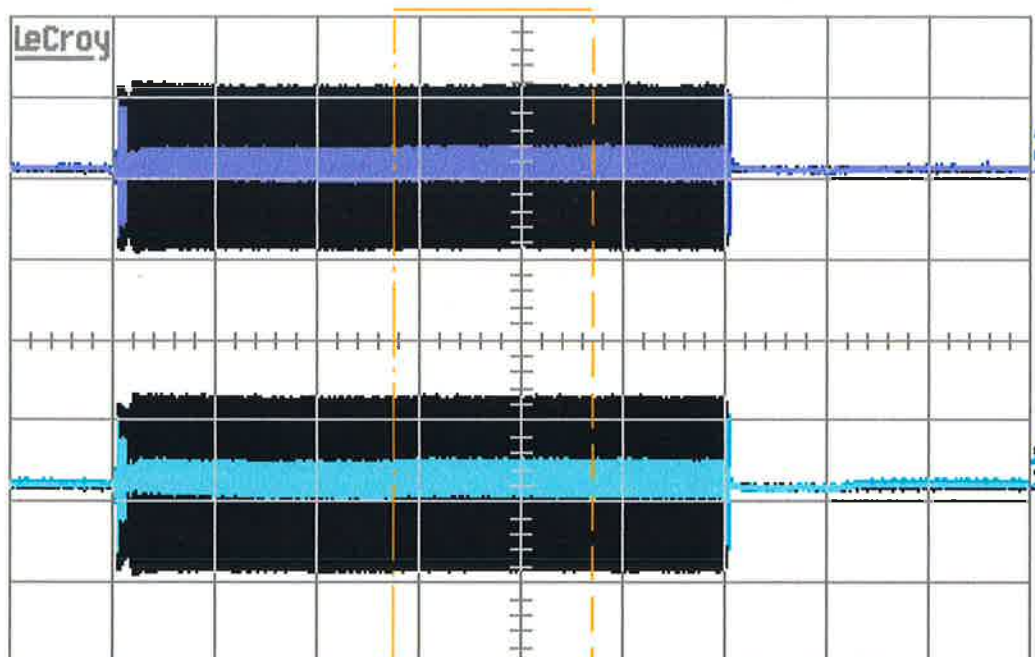
2
.5 ms
200 mV

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



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

