

DUTY CYCLE INFORMATION

CosmoLogic Systems

StellaCam Wireless Controller

Model: SWC-A

PULSE NUMBER	Time (uS)
1	4750
2	430
3	430
4	430
5	220
6	430
7	220
8	430
9	640
10	220
11	230
12	430
13	430
14	640
15	430
16	220
17	430
18	430
19	220
20	430
21	430
22	430
23	430
24	430
25	430
26	220

DUTY CYCLE INFORMATION

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StellaCam Wireless Controller

Model: SWC-A

PULSE NUMBER	Time (uS)
27	430
28	220
29	220
30	430
31	640
32	430
33	220
34	220
35	430
36	220
37	220
38	220
39	220
40	220
41	220
42	220
43	220
44	430
45	220
46	220
47	430
48	220
49	220
50	430
51	430
52	430

DUTY CYCLE INFORMATION

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StellaCam Wireless Controller

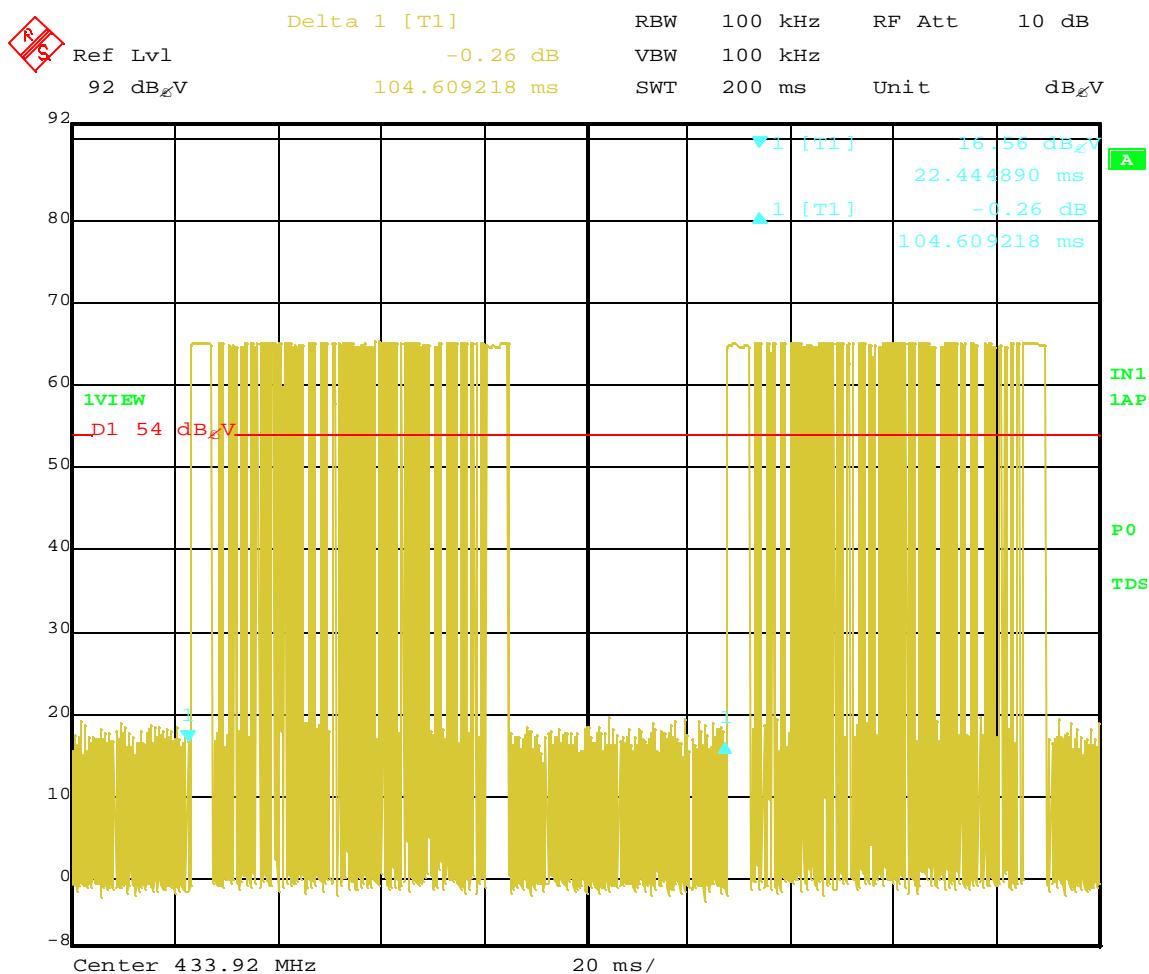
Model: SWC-A

PULSE NUMBER	Time (uS)
53	230
54	220
55	430
56	220
57	430
58	430
59	430
60	430
61	220
62	430
63	430
64	220
65	220
66	220
67	220
68	640
69	4900

Total On Time = 32,810 uS

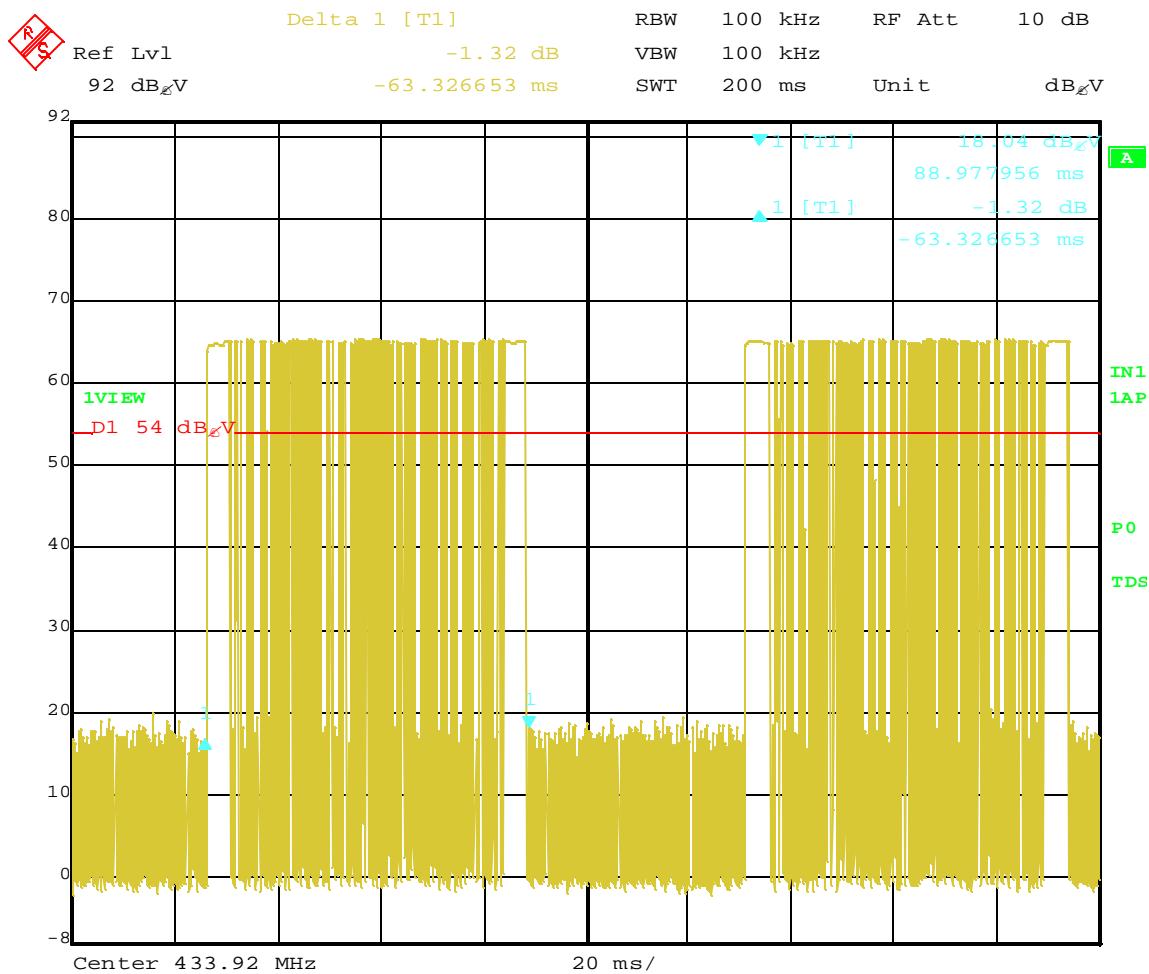
Total Time of Pulse with Blanking Interval = 100,000 uS

Total Duty Cycle = 32.81%



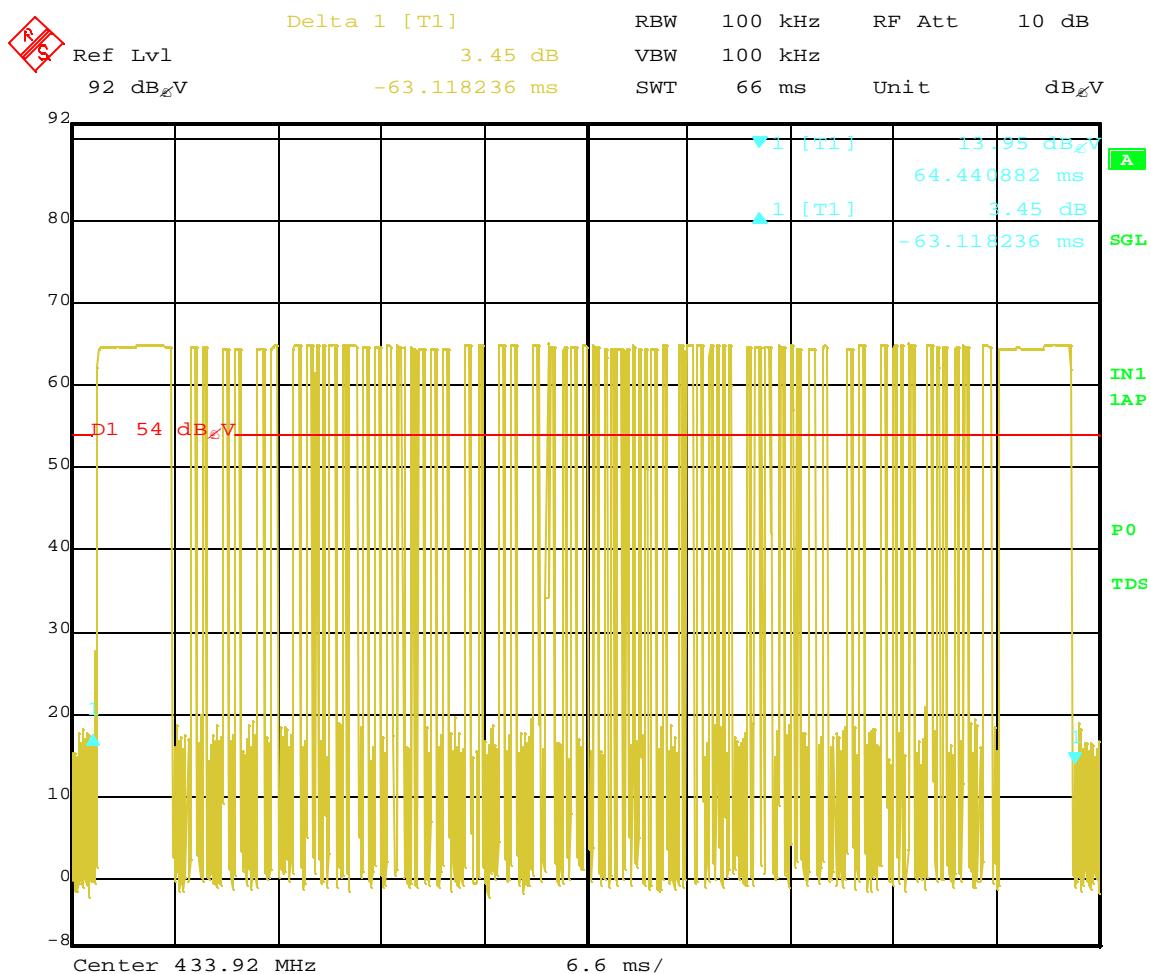
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Plot showing that the Pulse Train only appears once per 100 mS



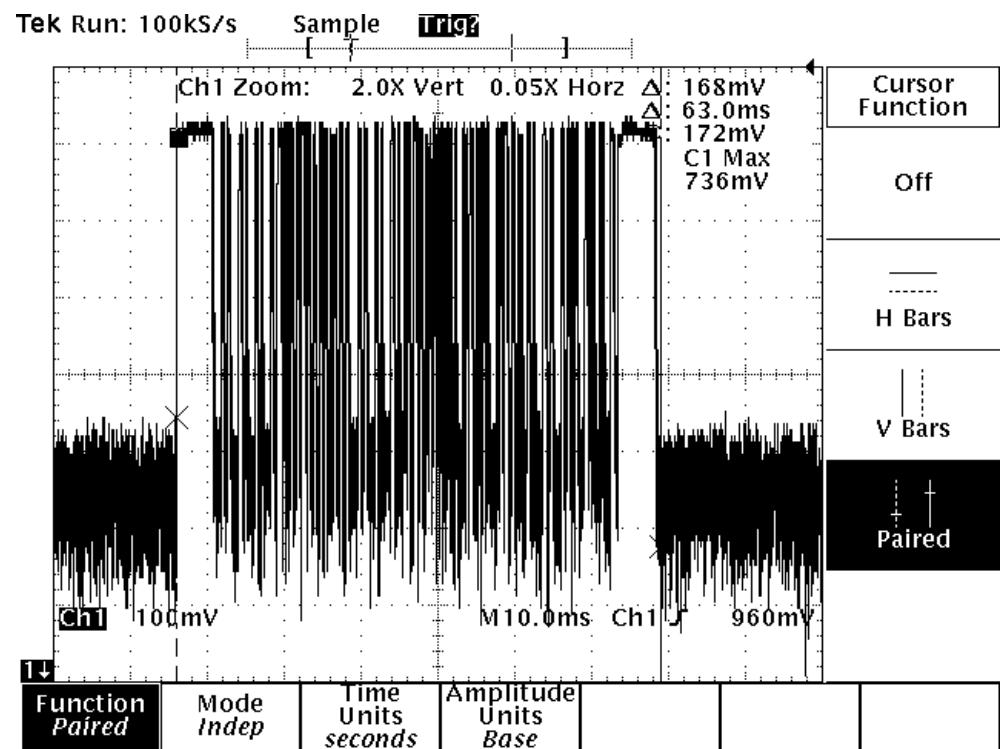
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Pulse Train Using the EMI Receiver

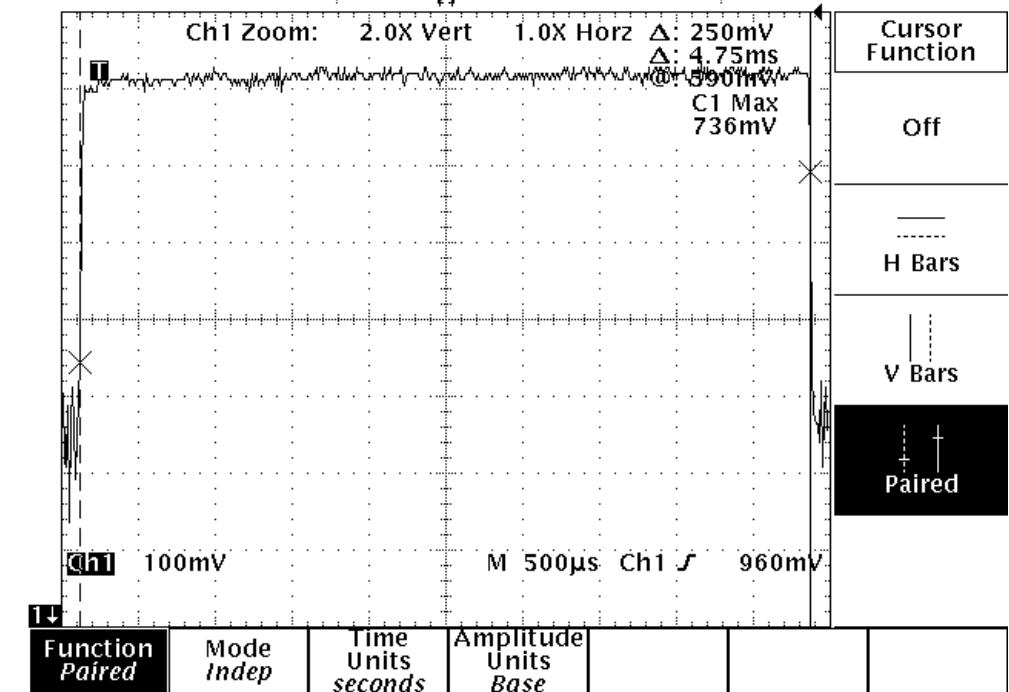


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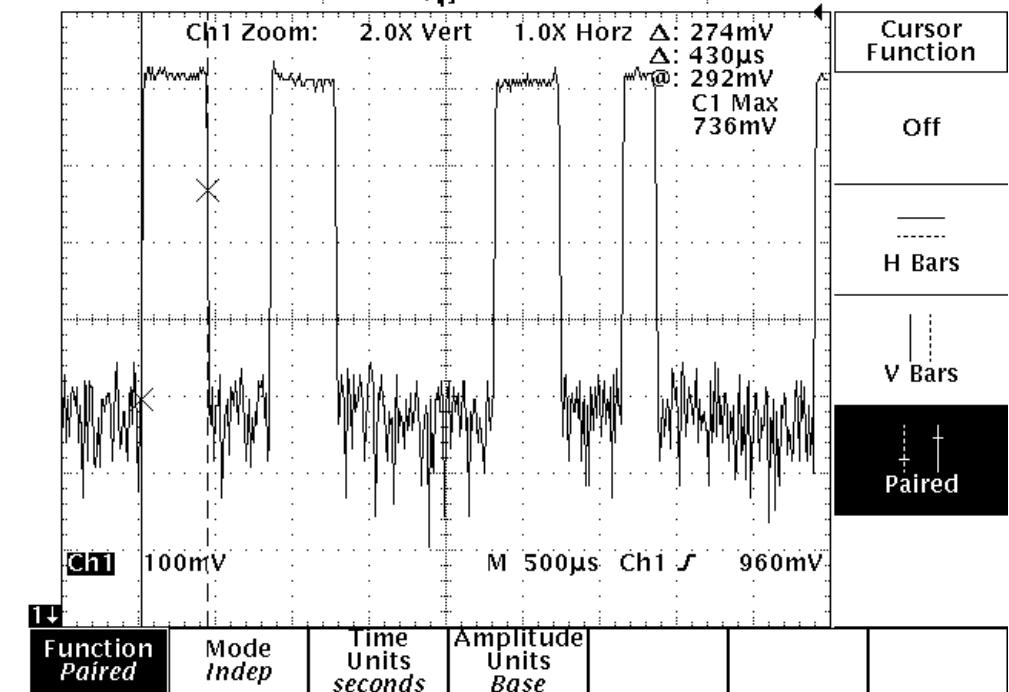
Closeup of Pulse Train using EMI Receiver



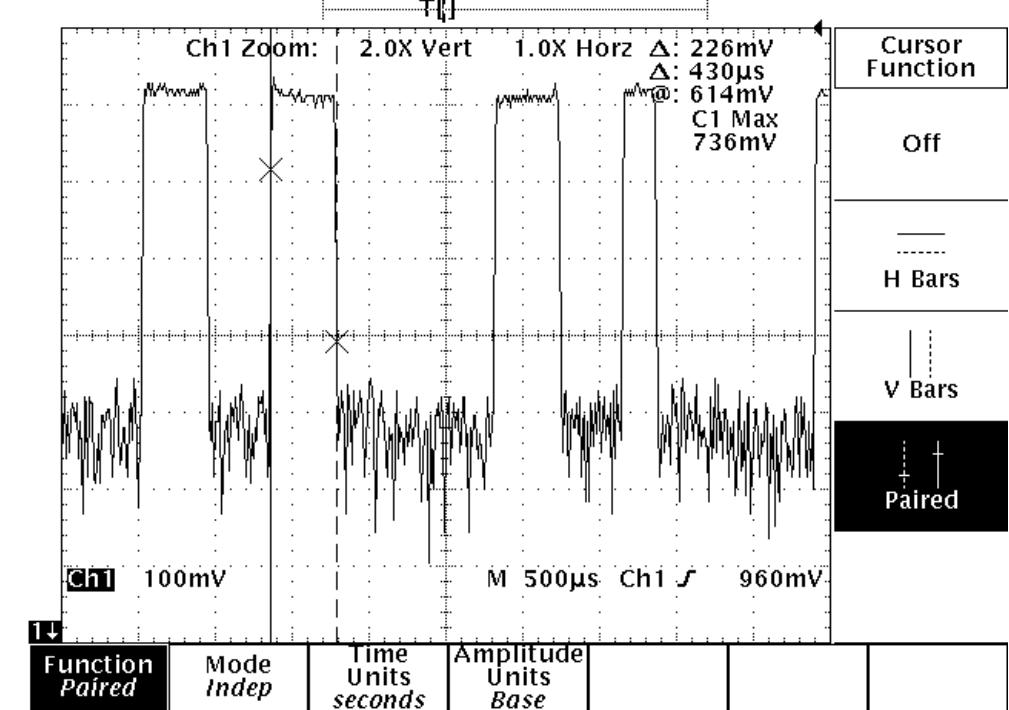
Tek Run: 100kS/s Sample Trig?



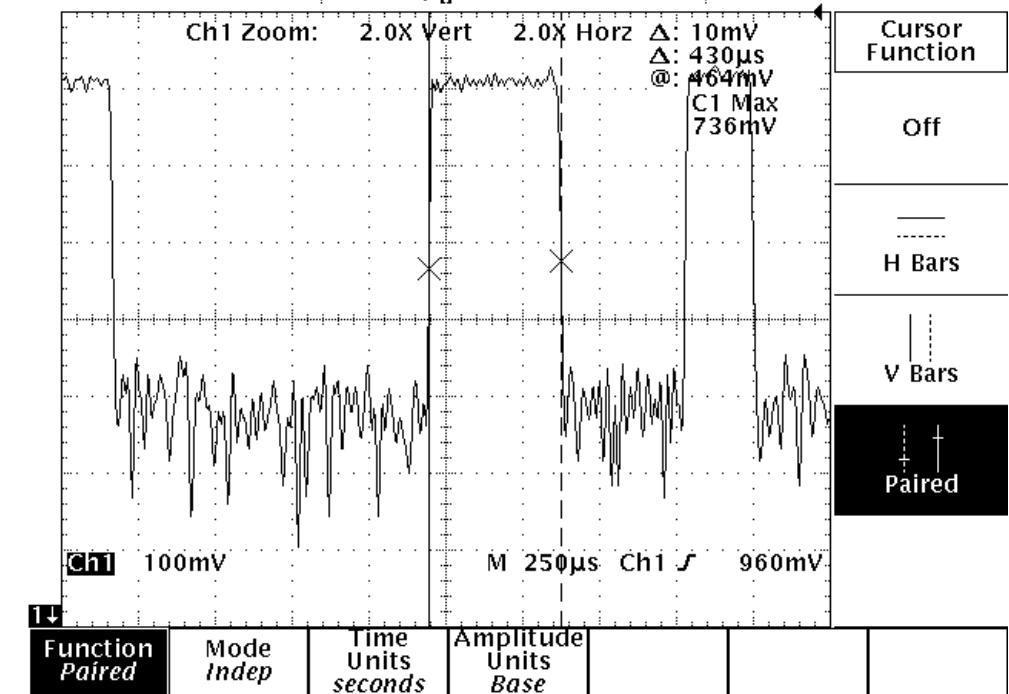
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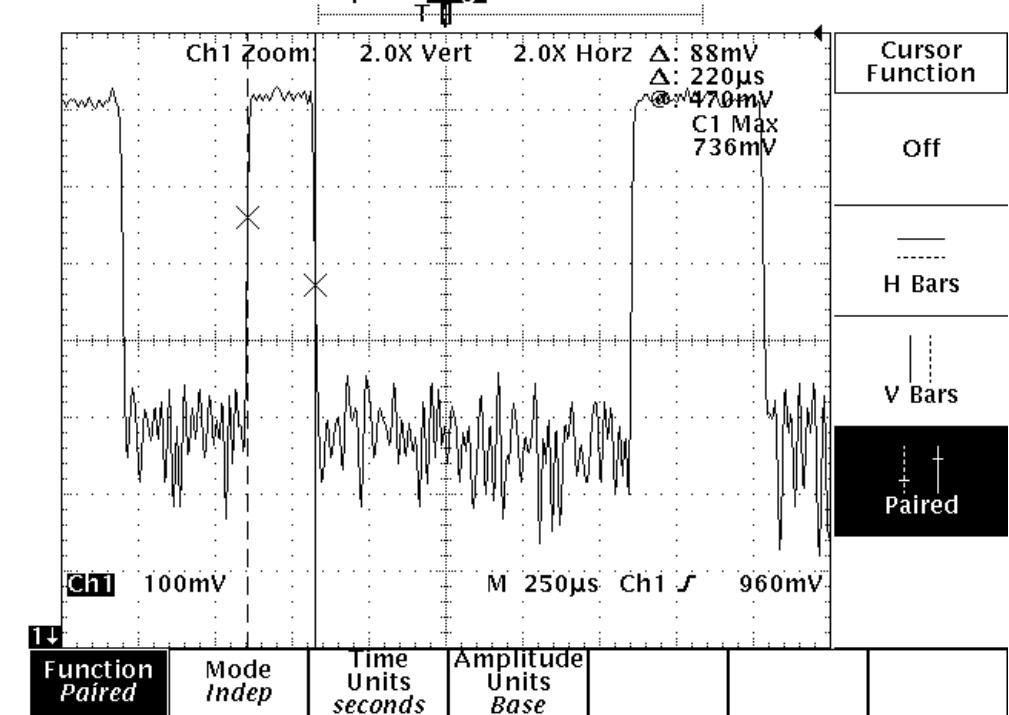
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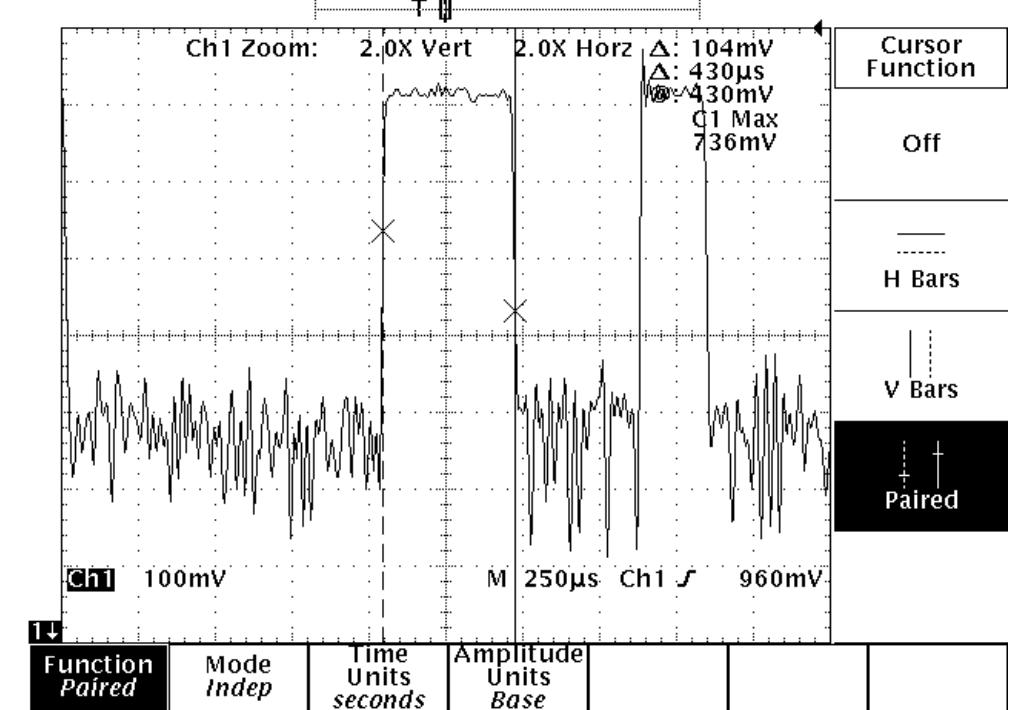
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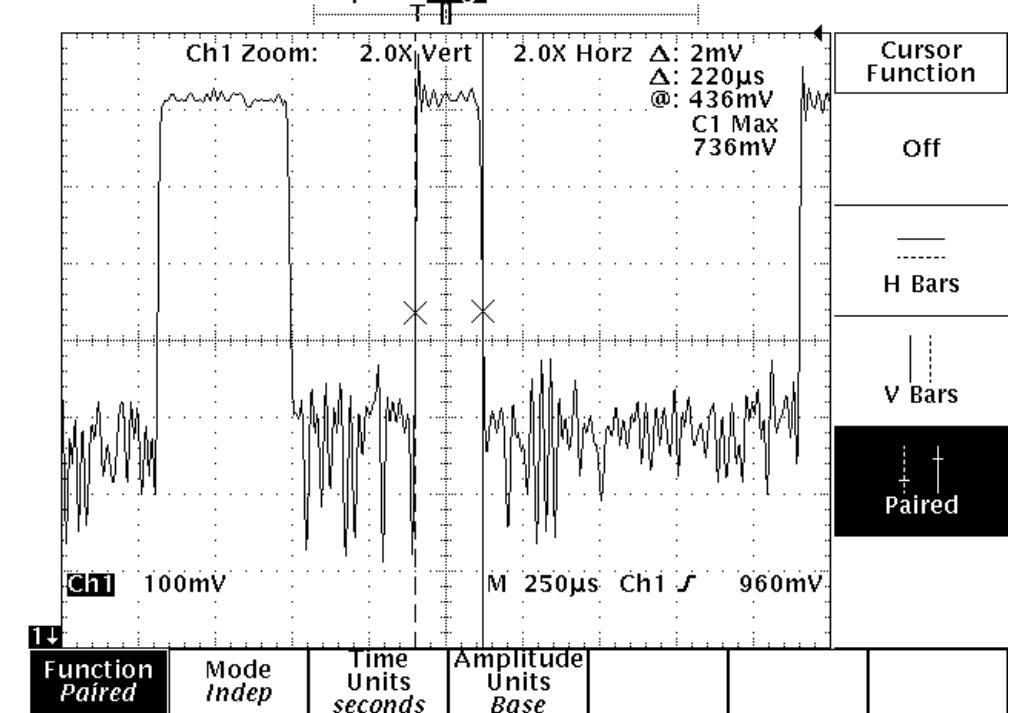
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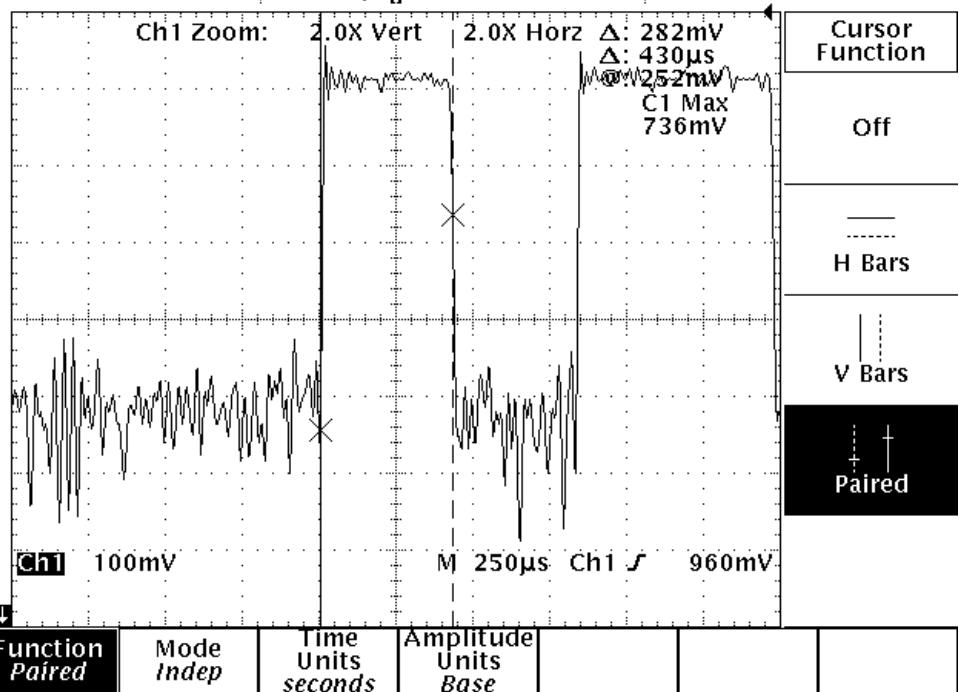
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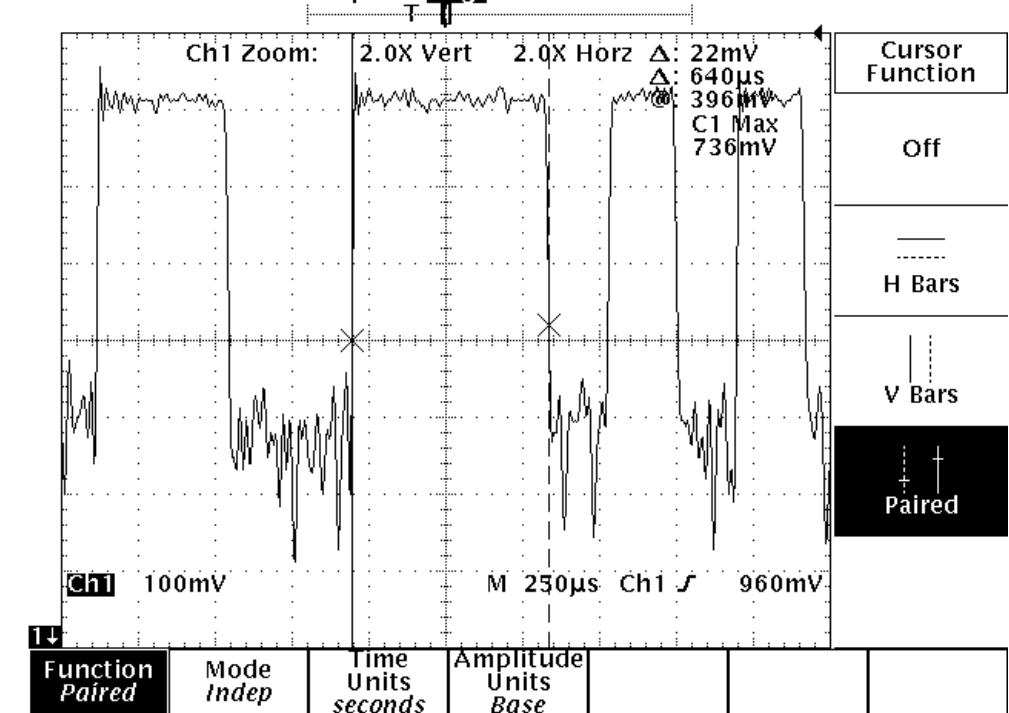
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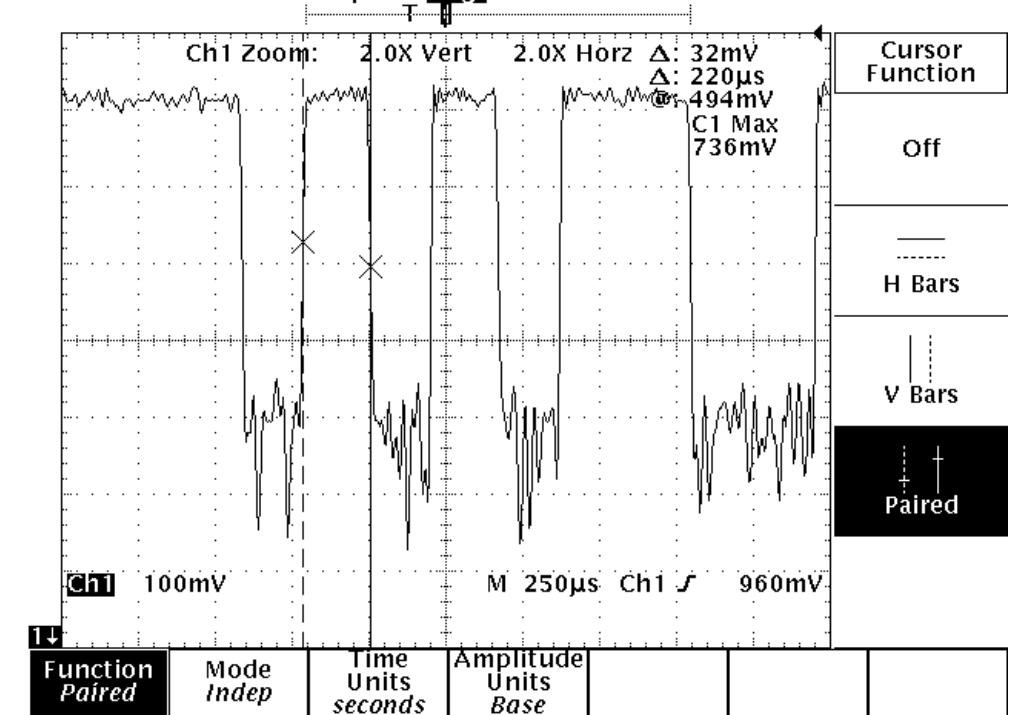
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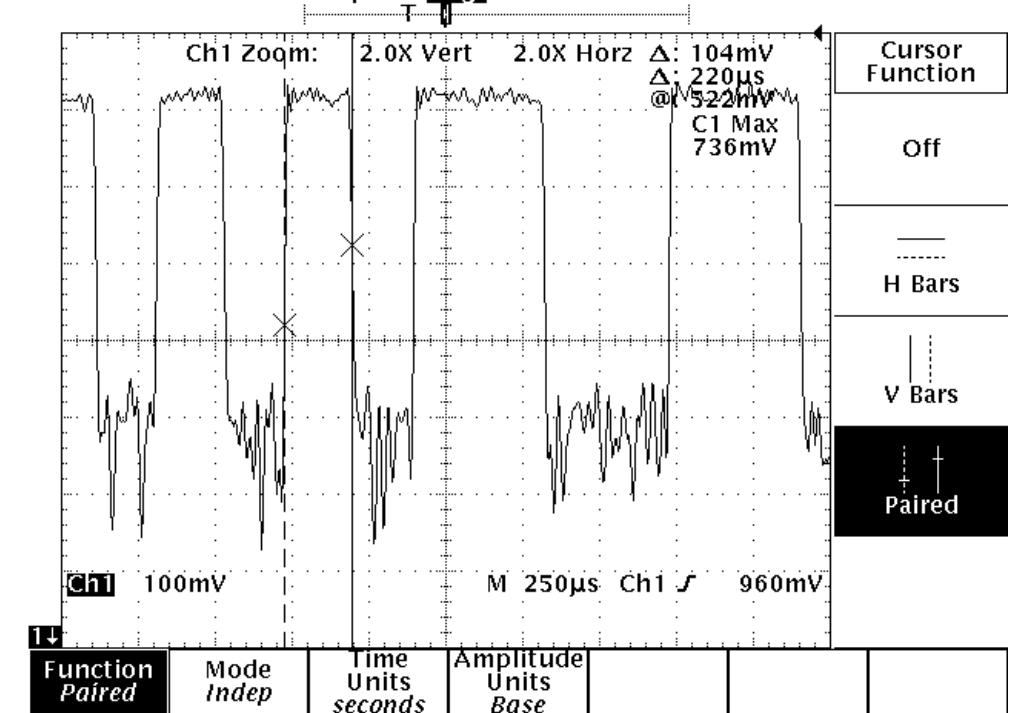
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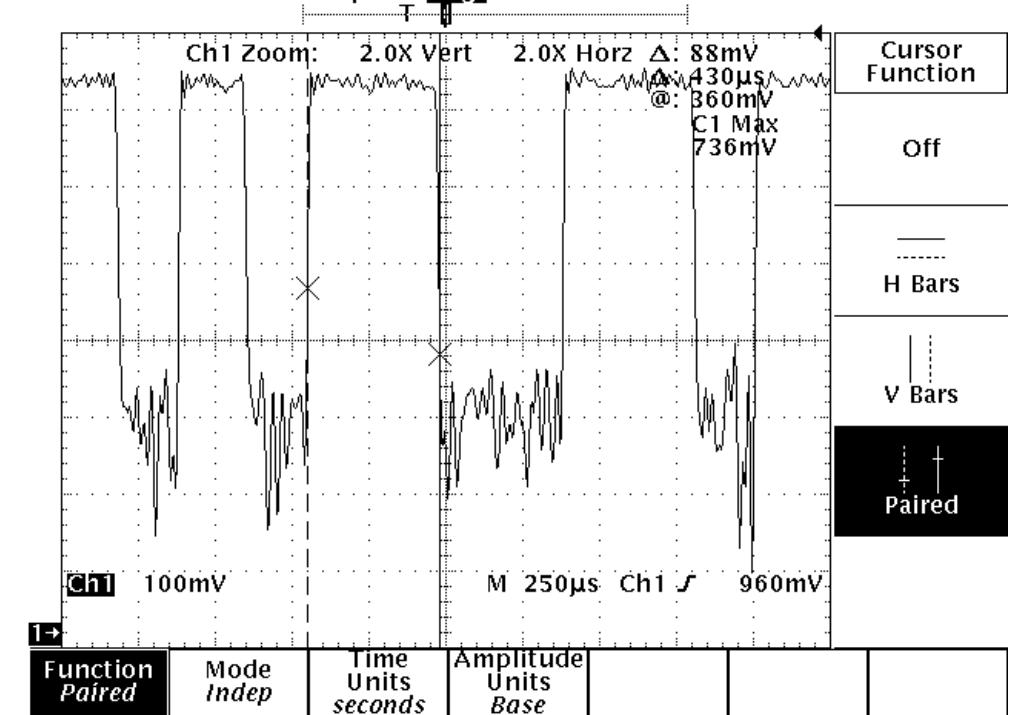
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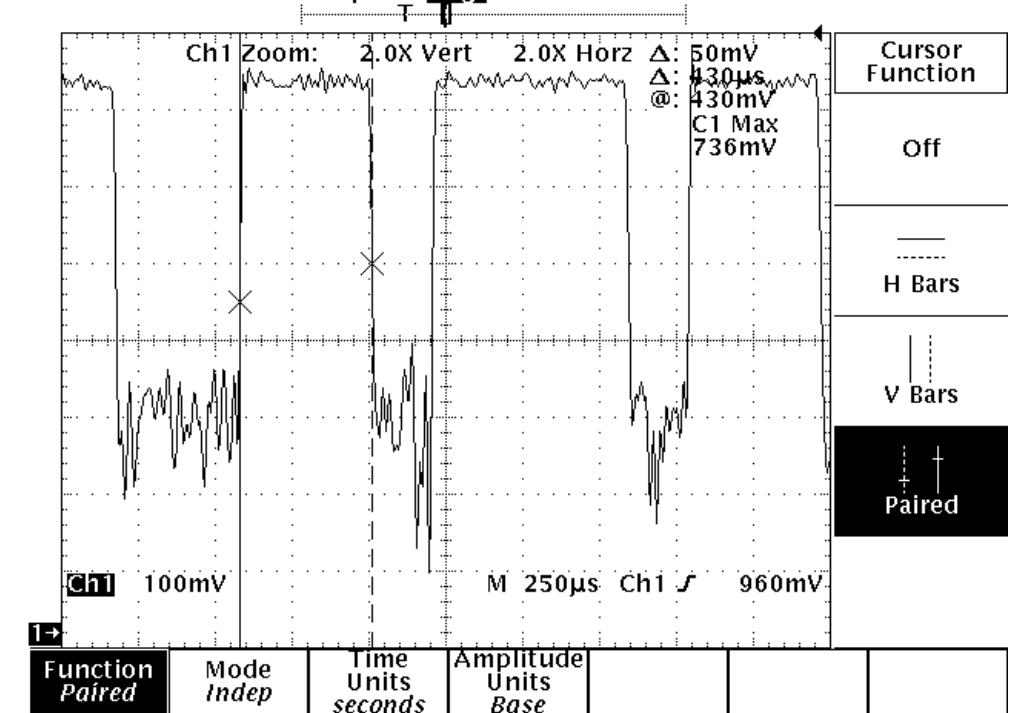
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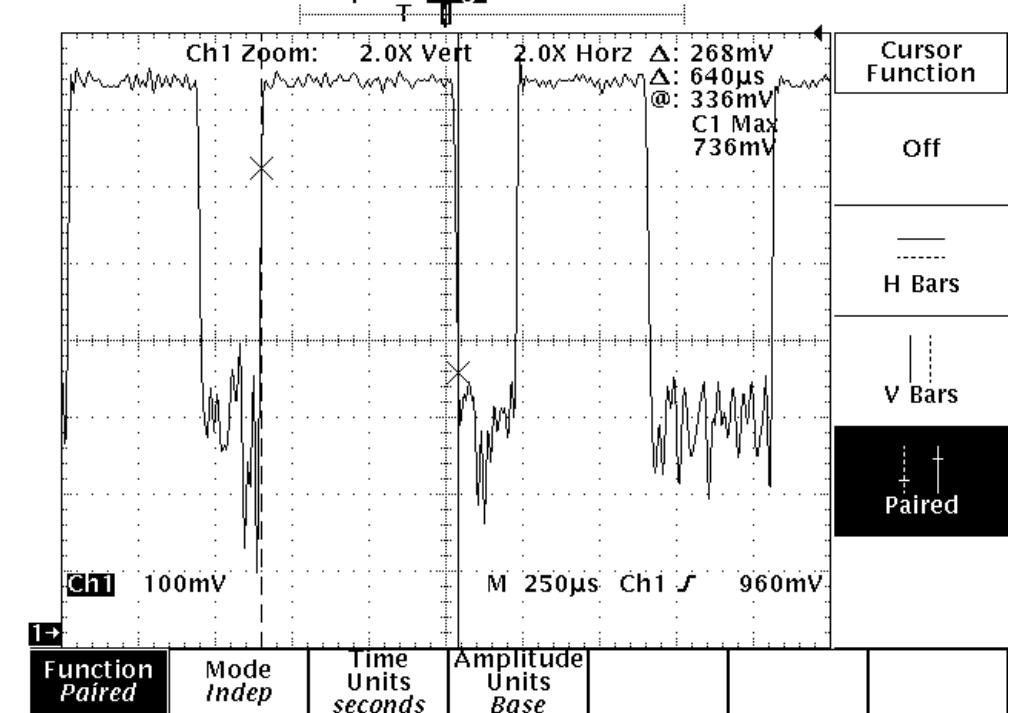
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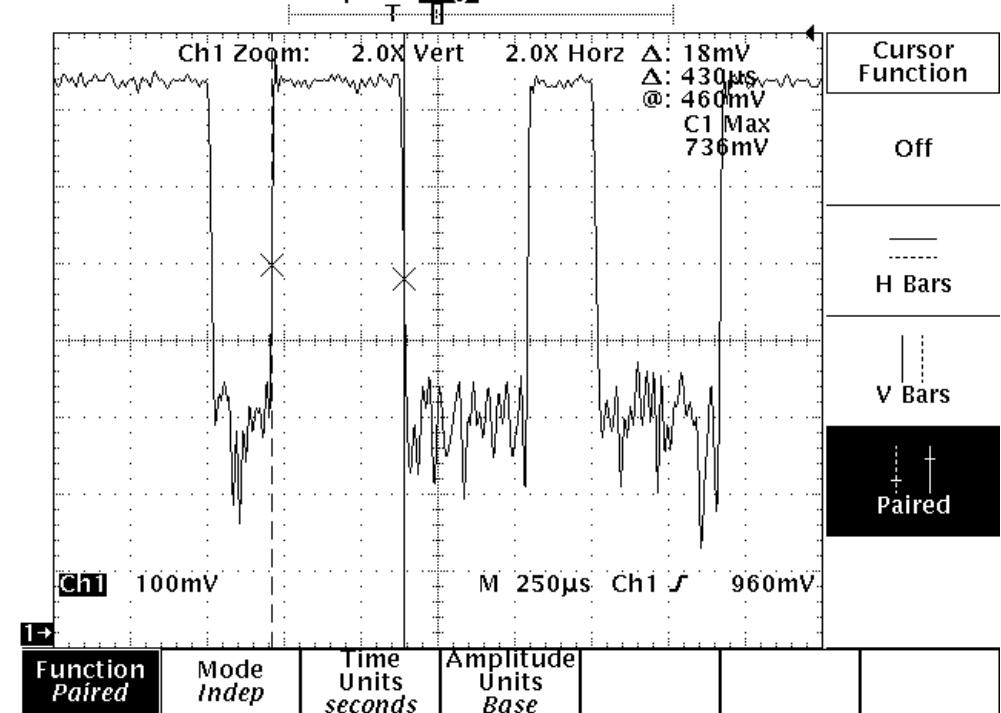
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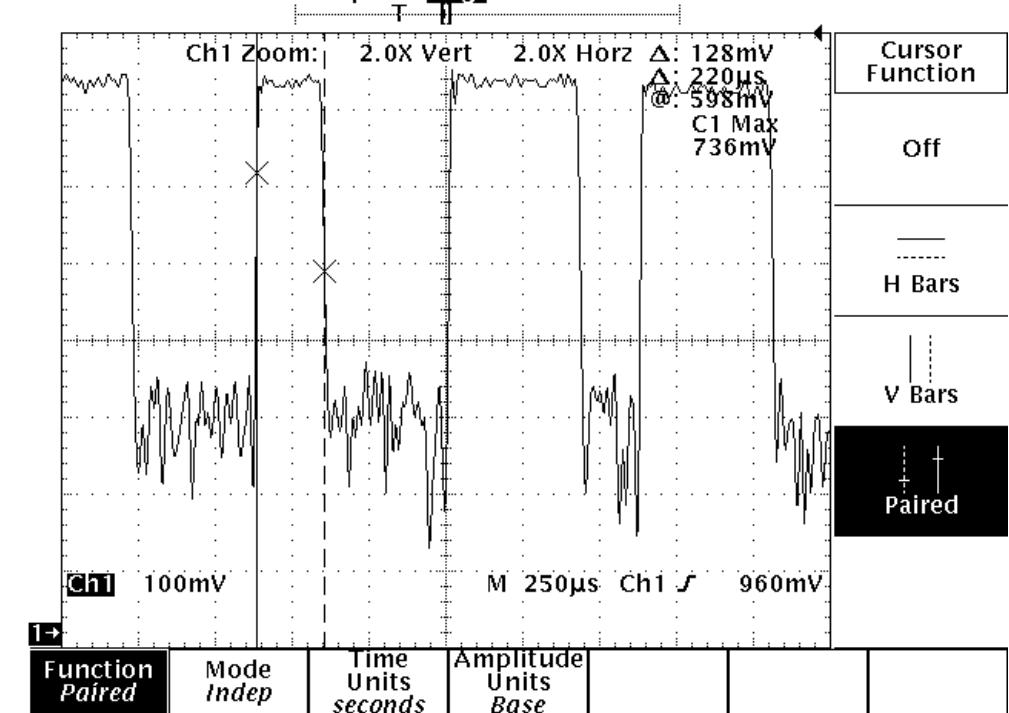
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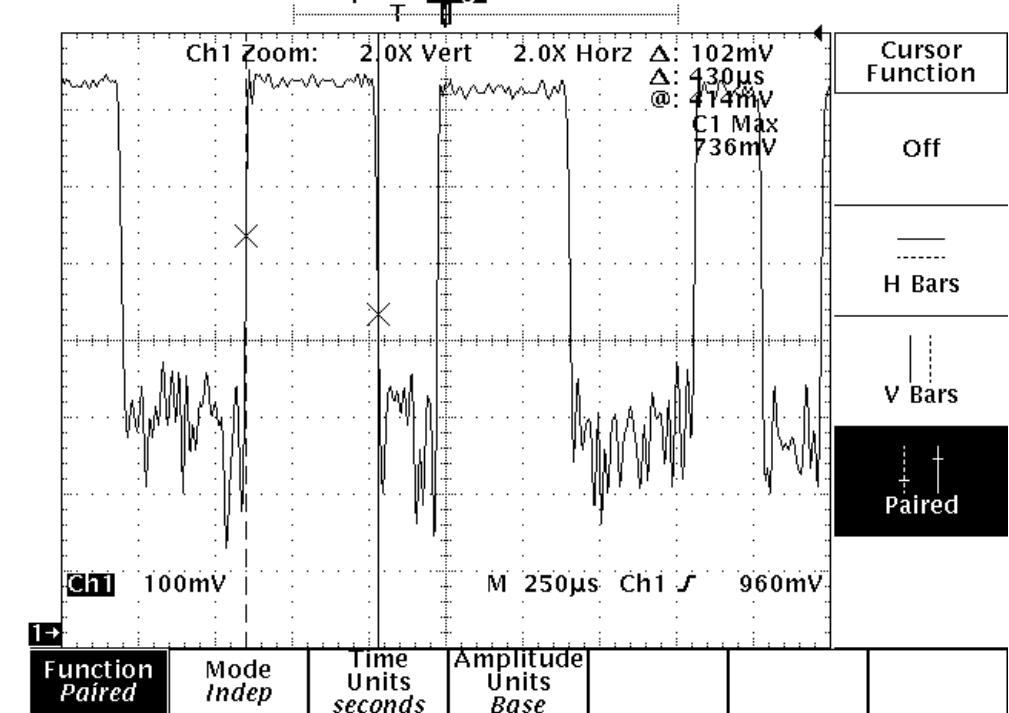
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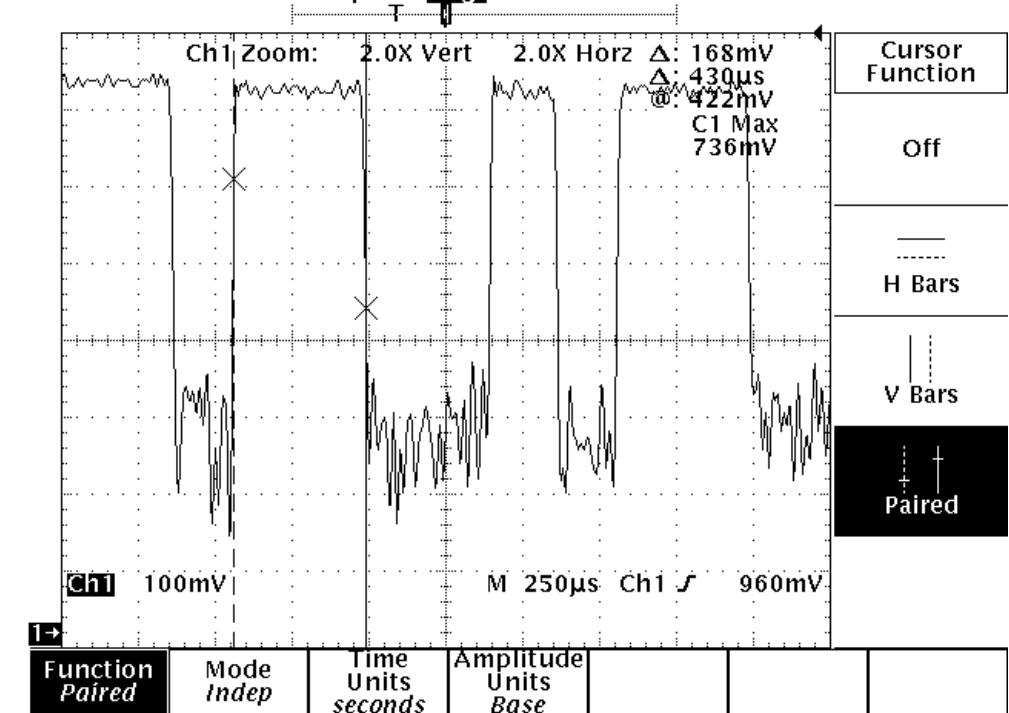
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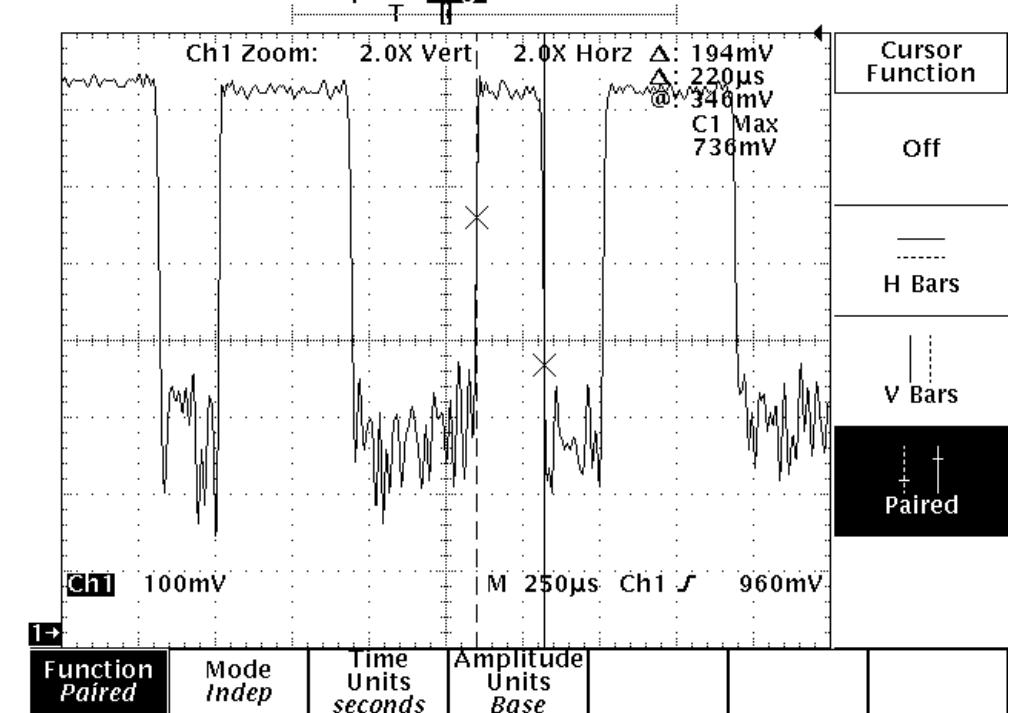
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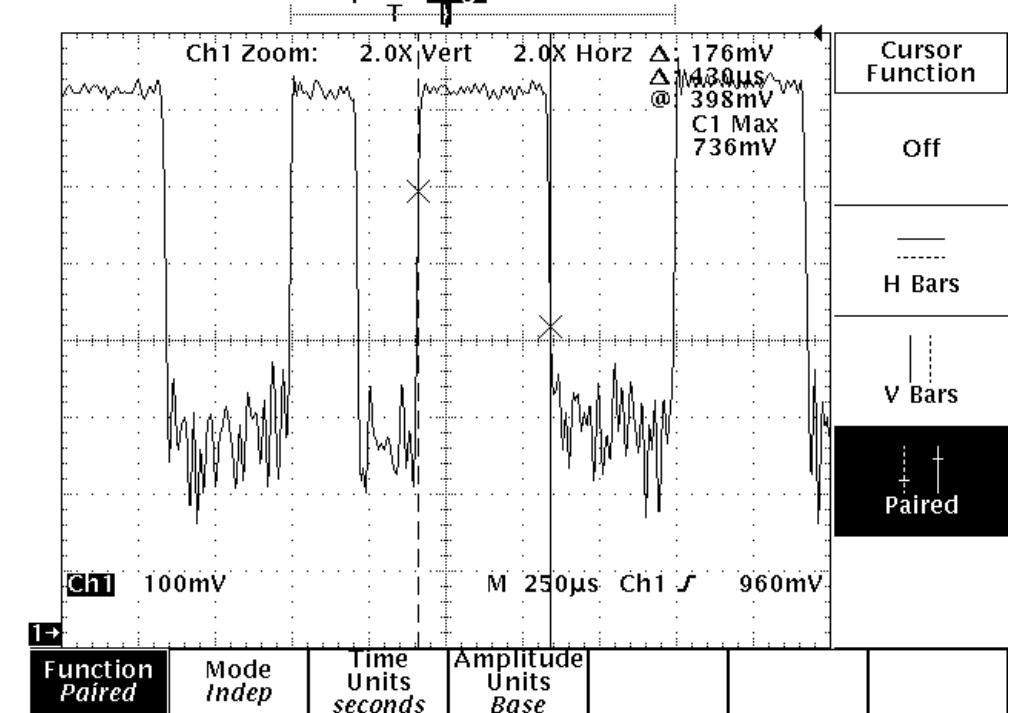
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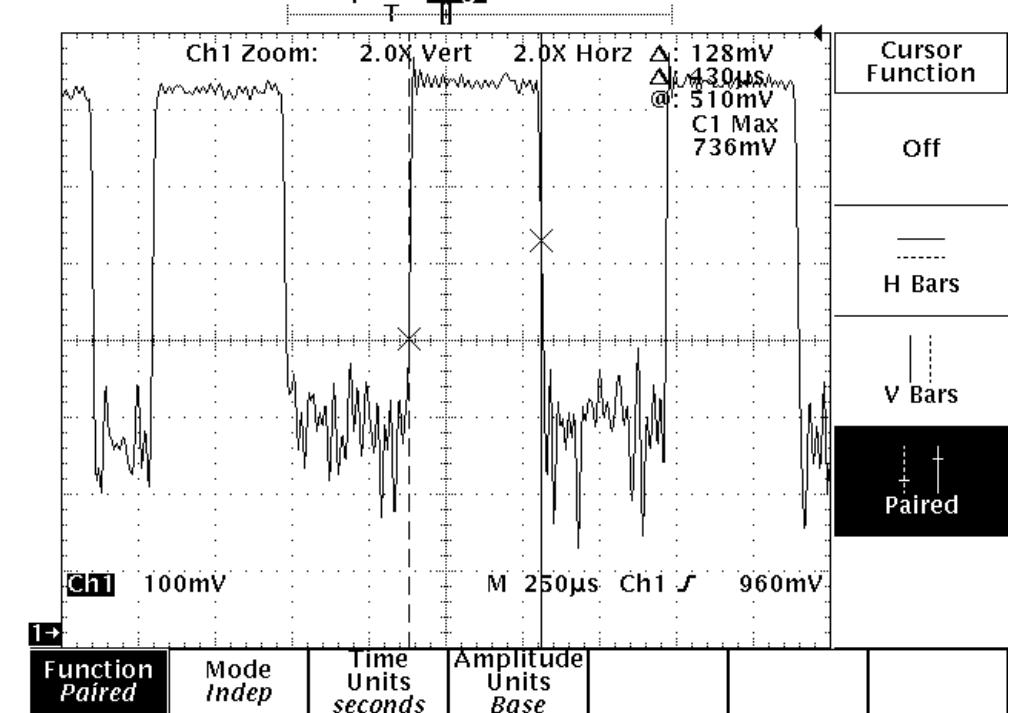
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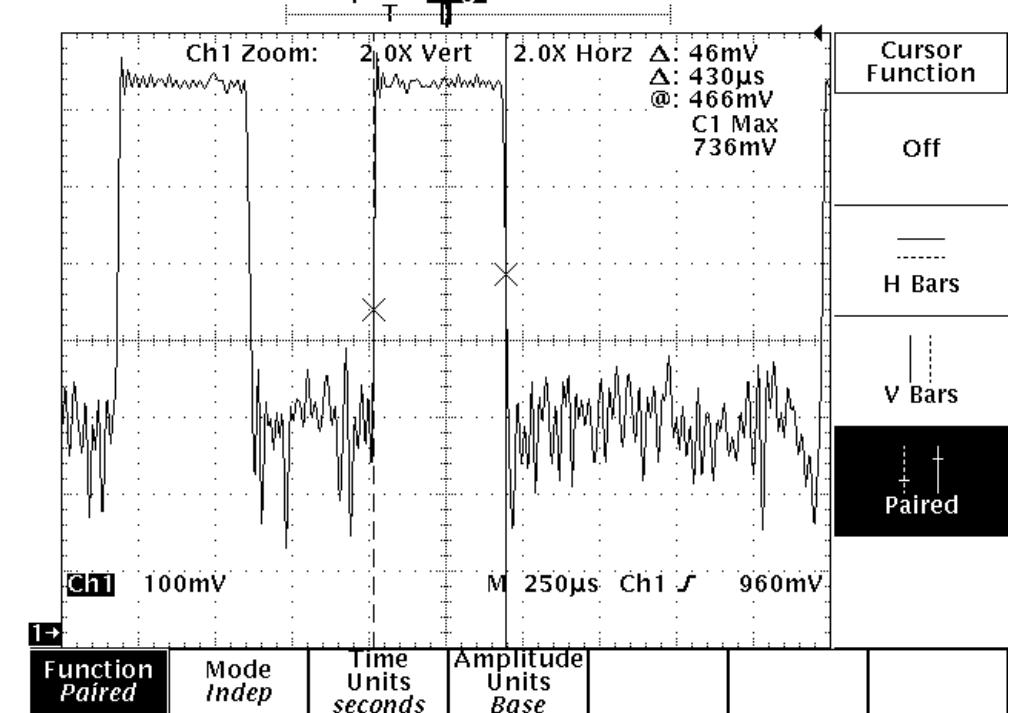
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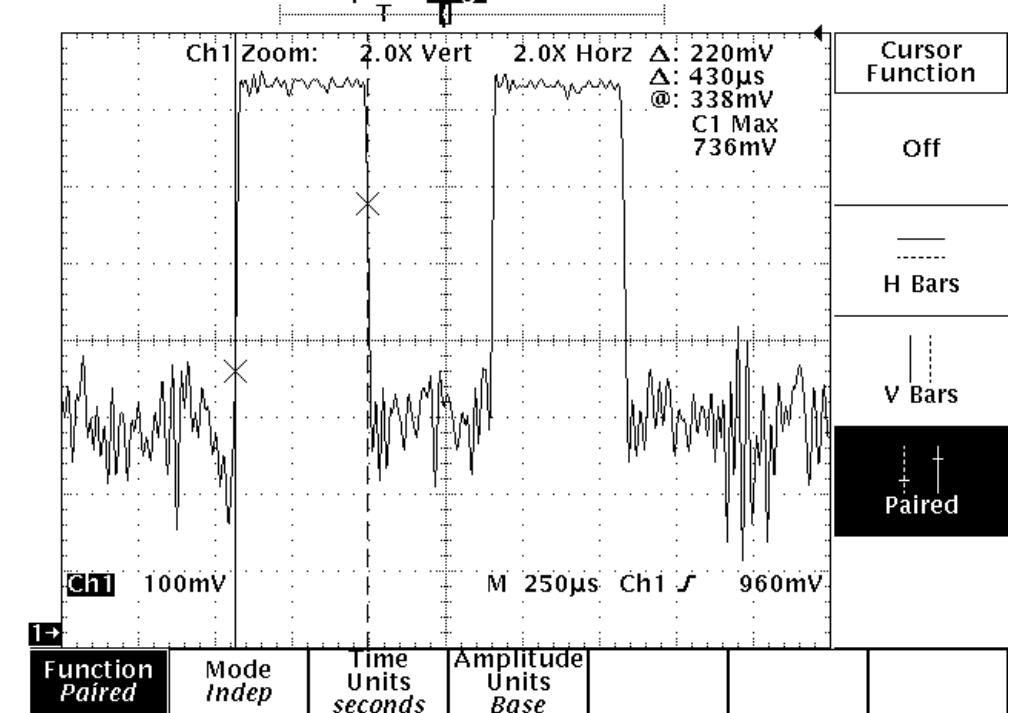
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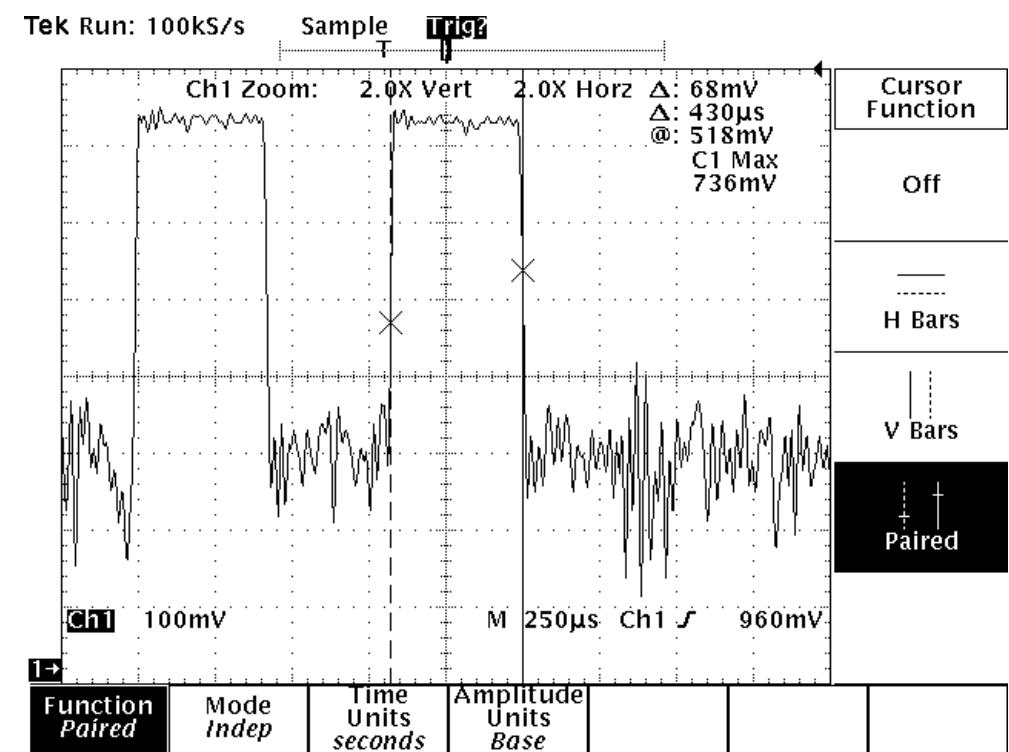


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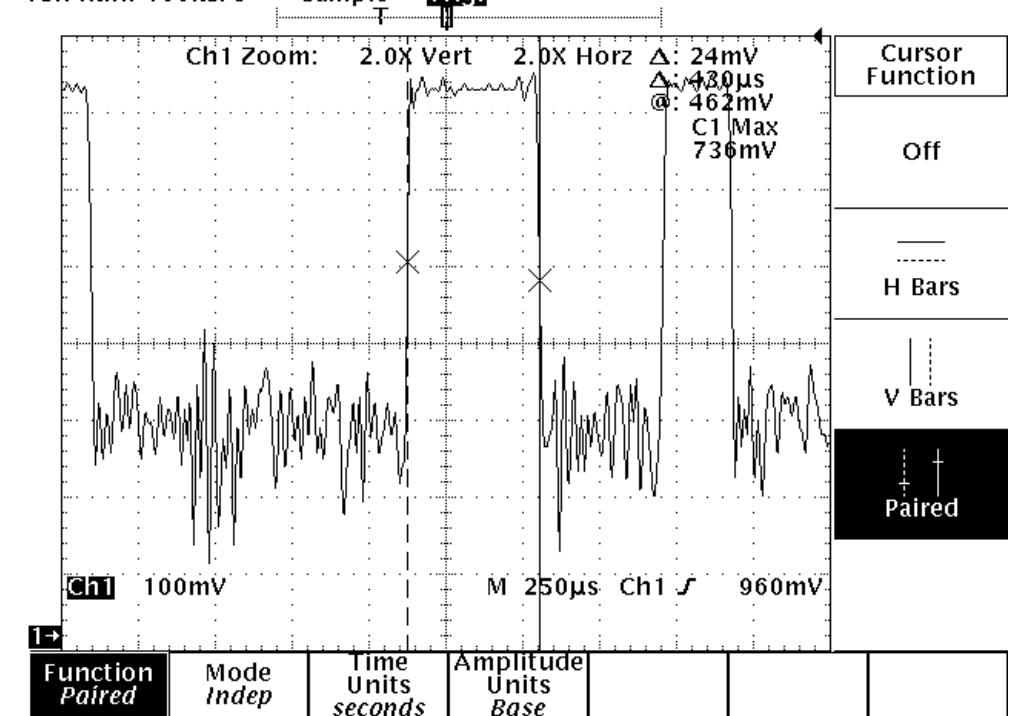


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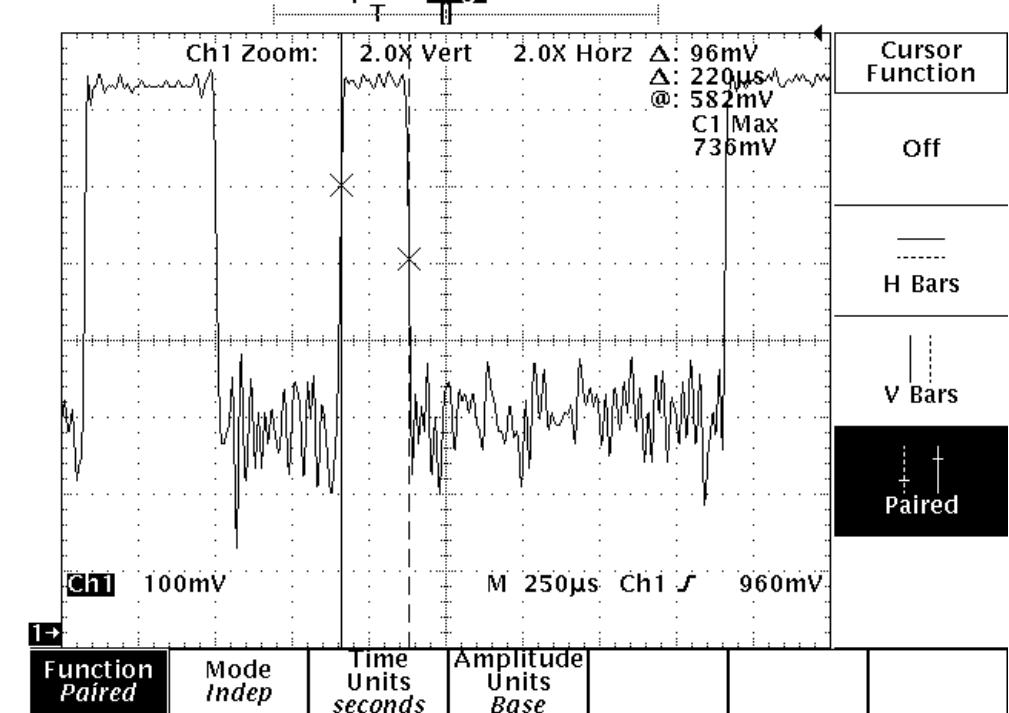




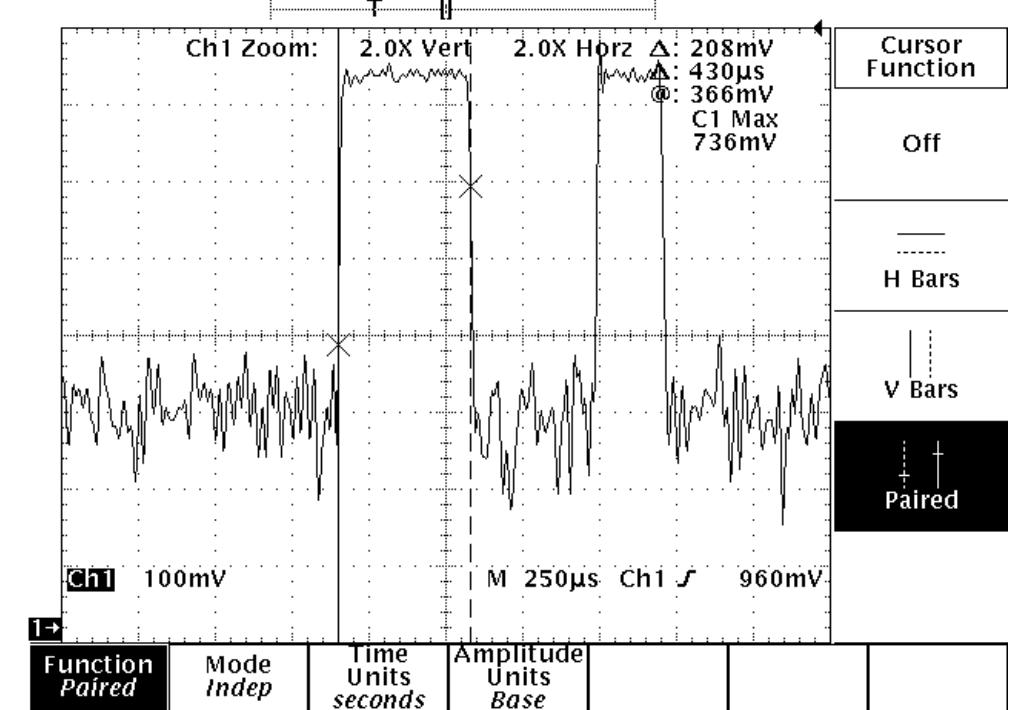
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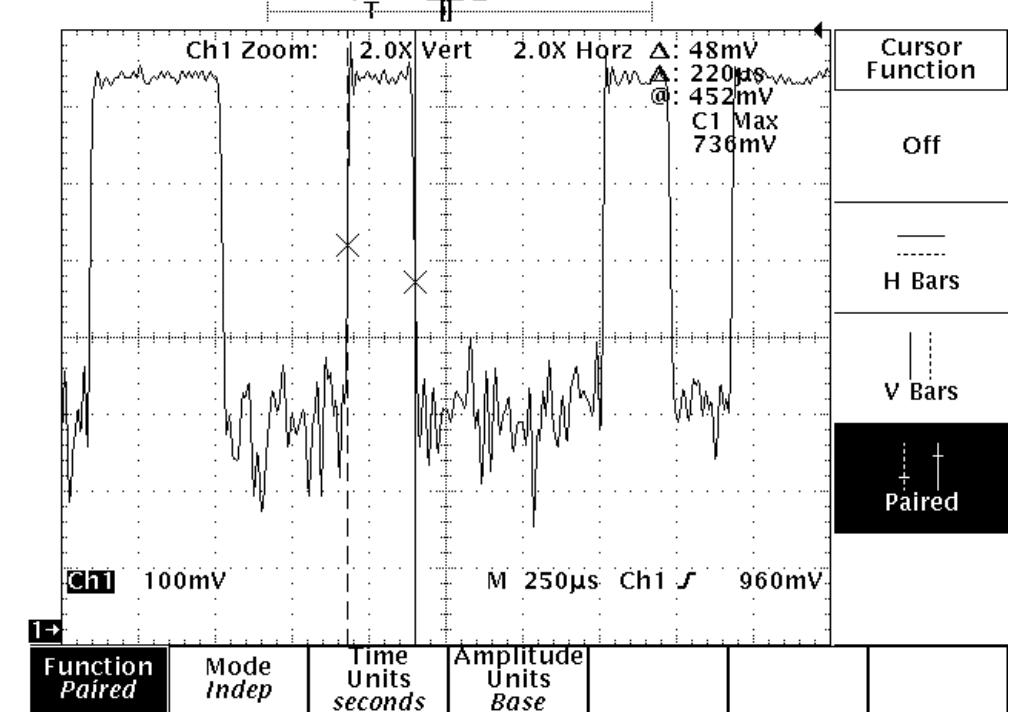
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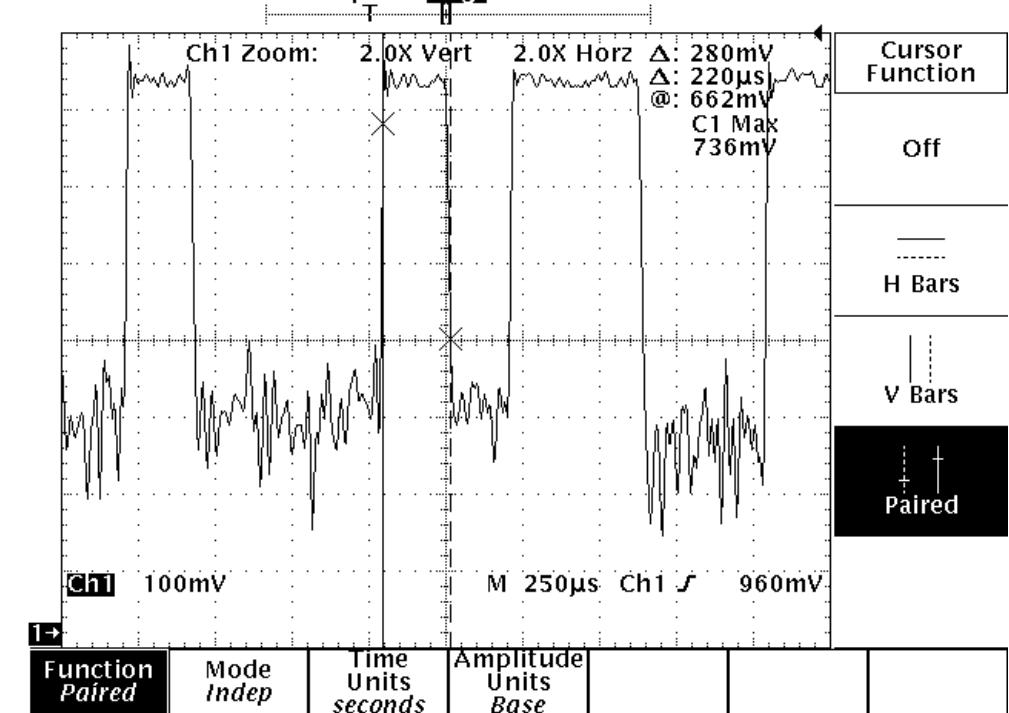
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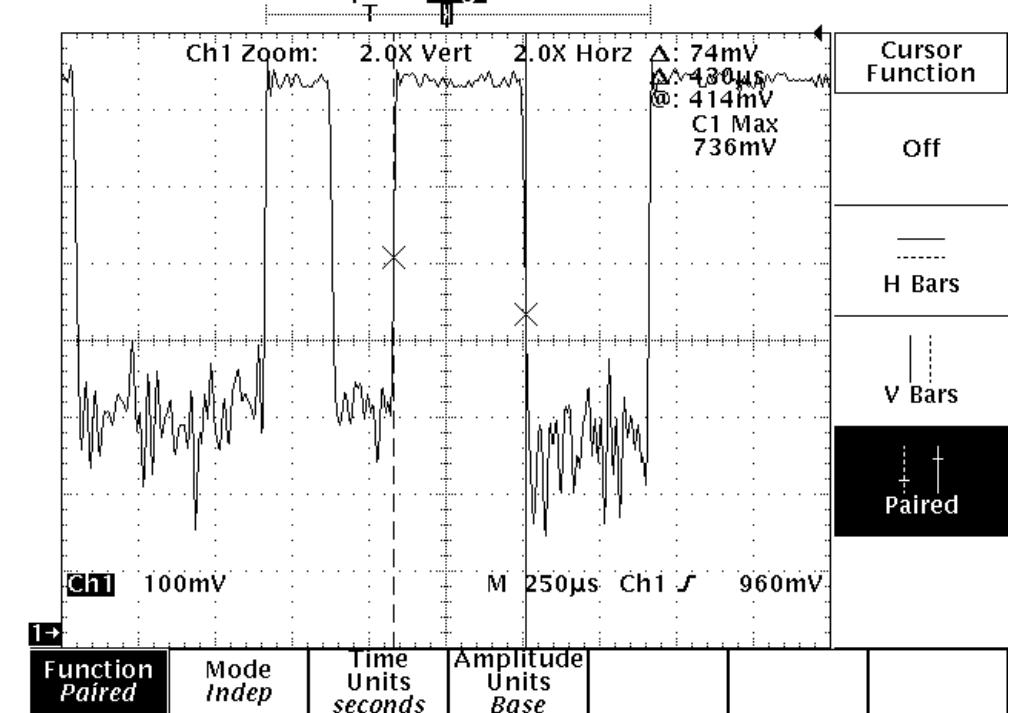
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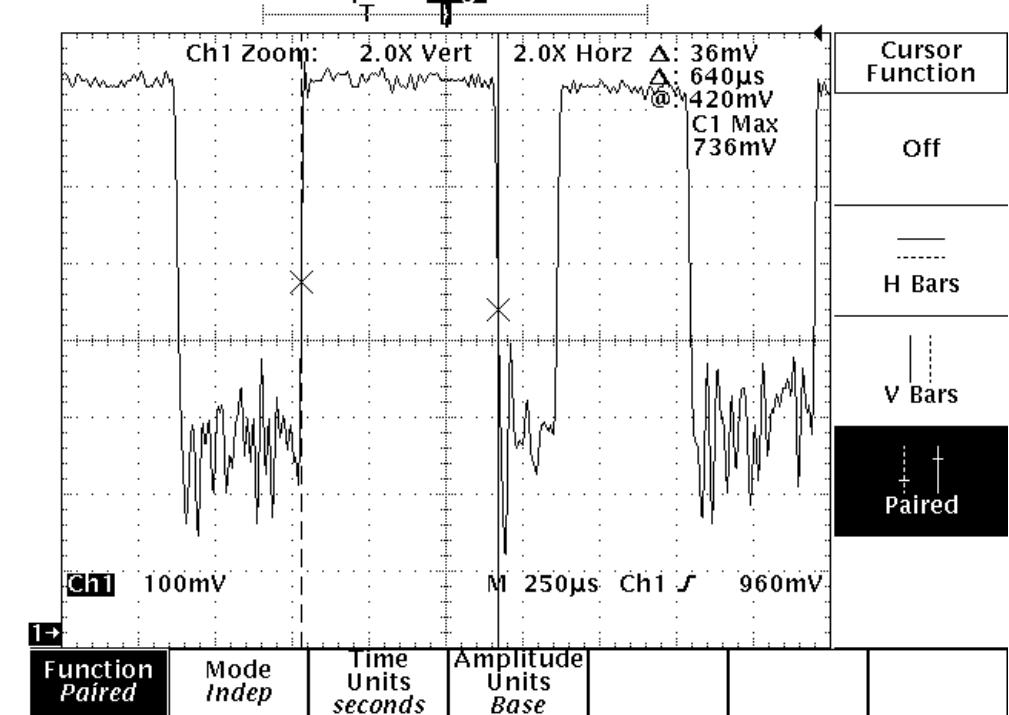
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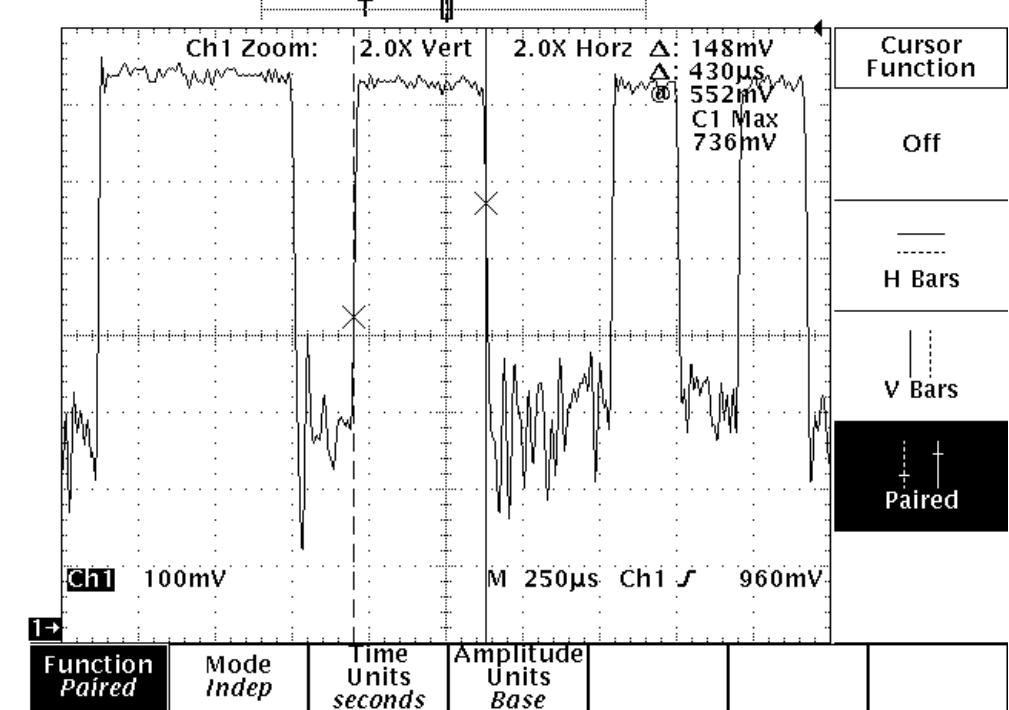
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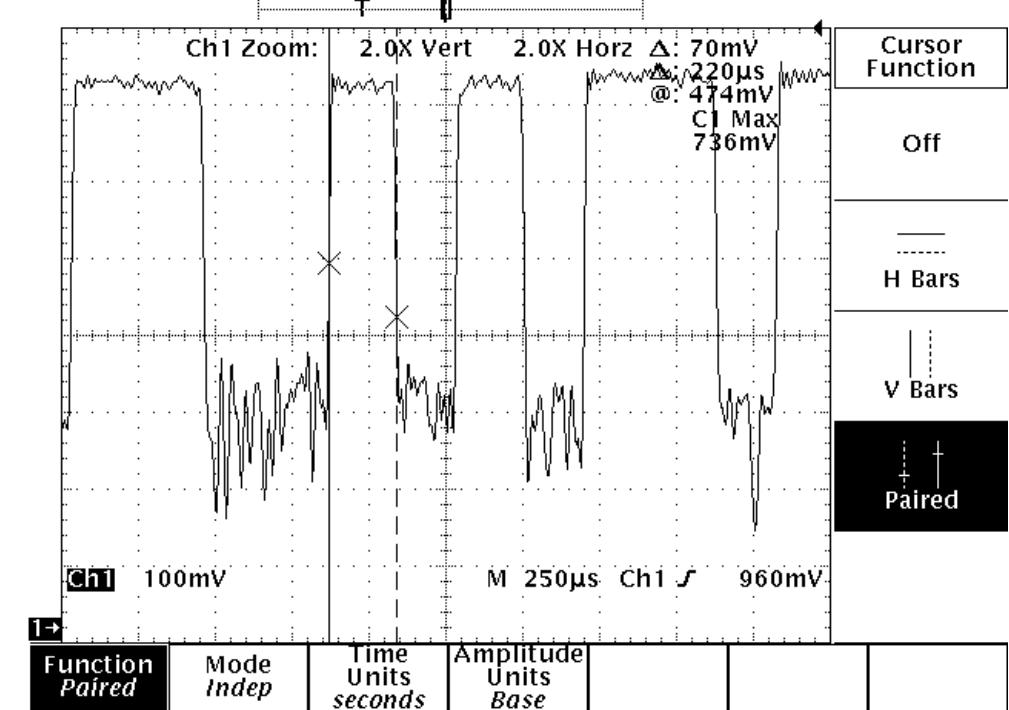
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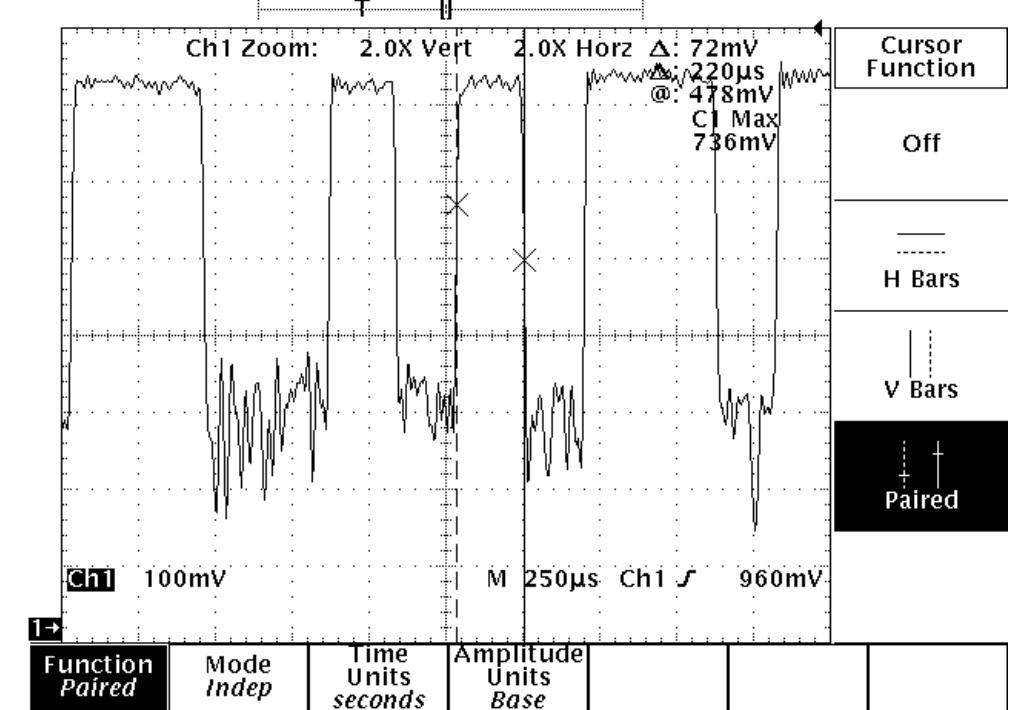
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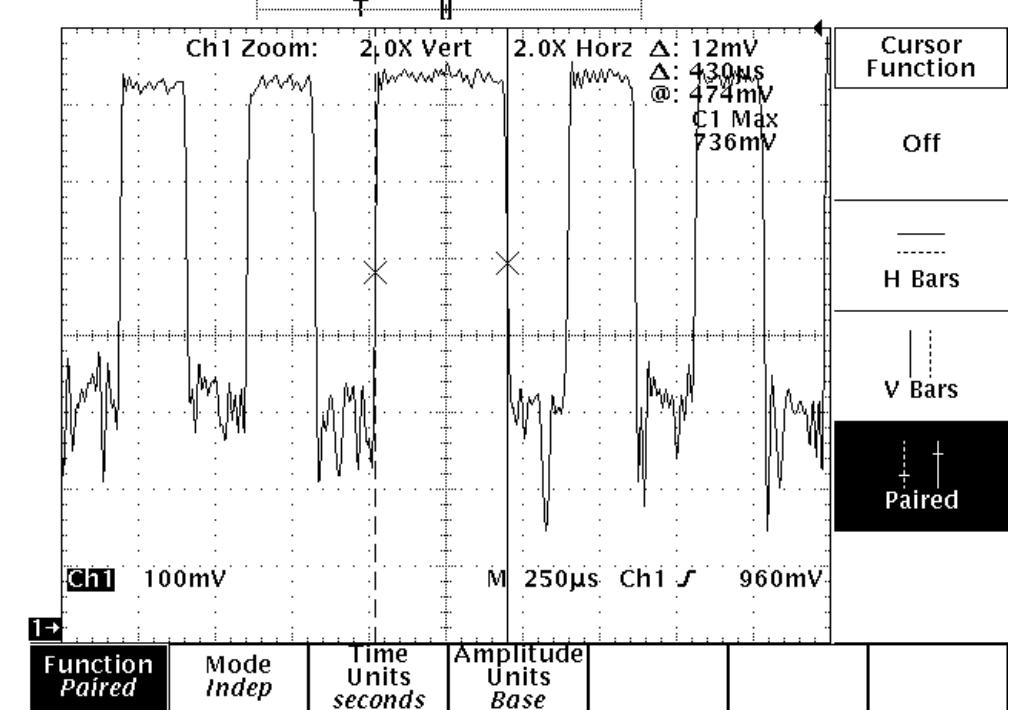
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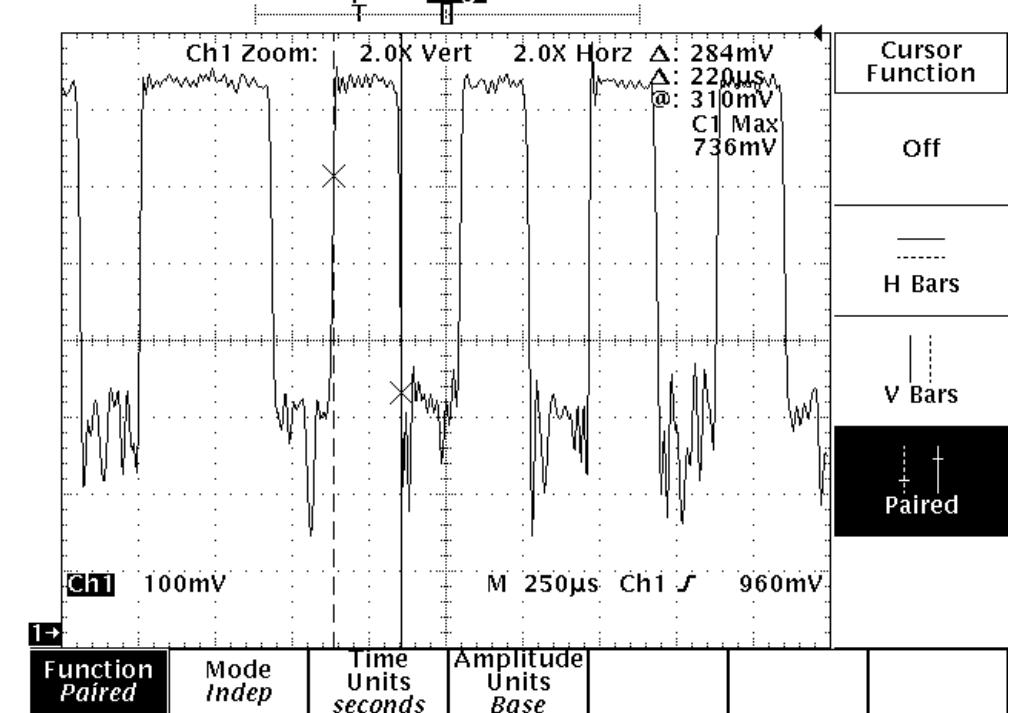
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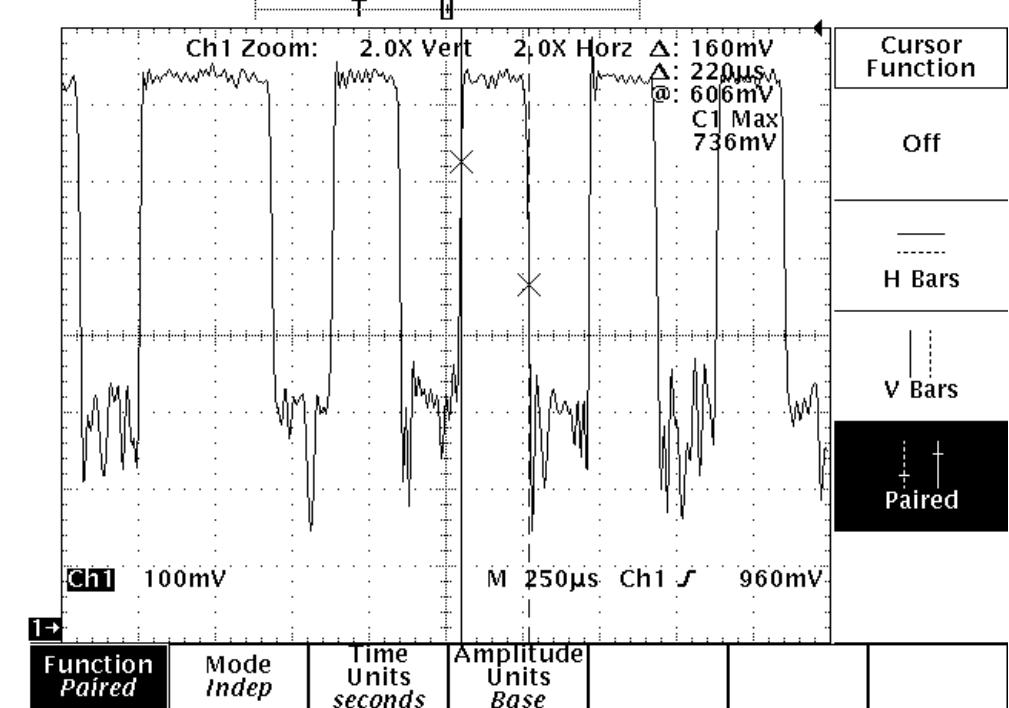
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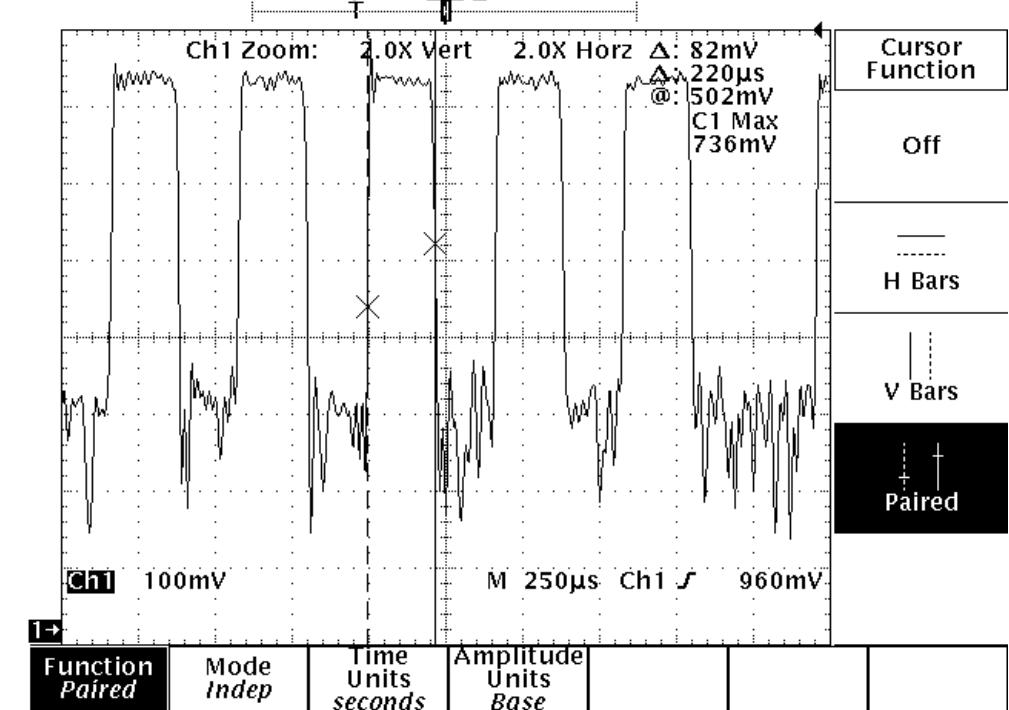
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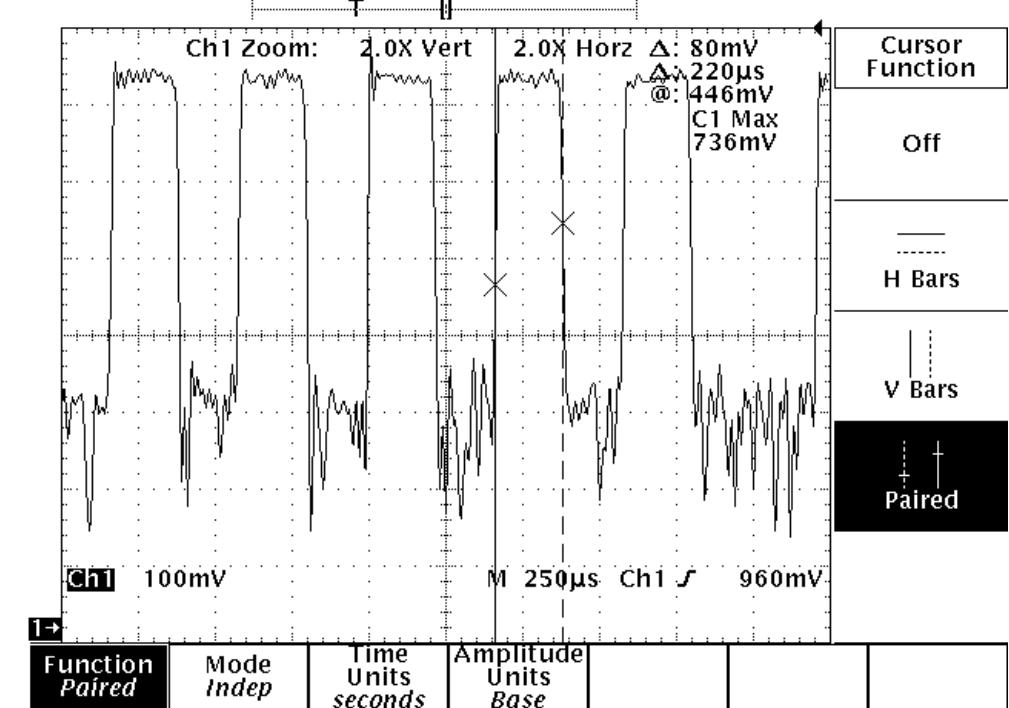
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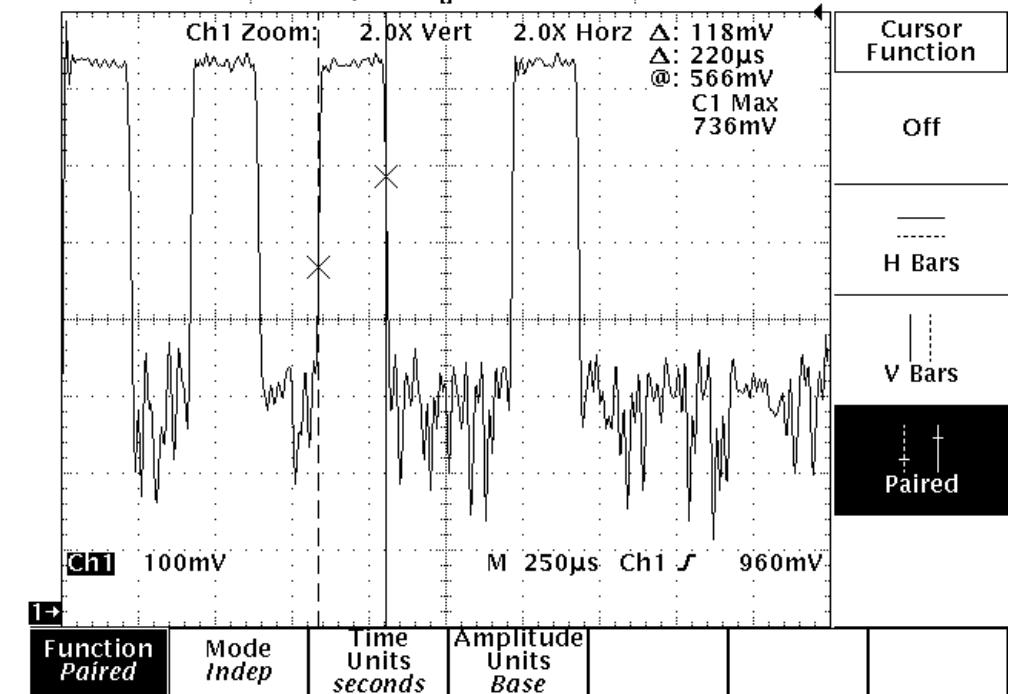
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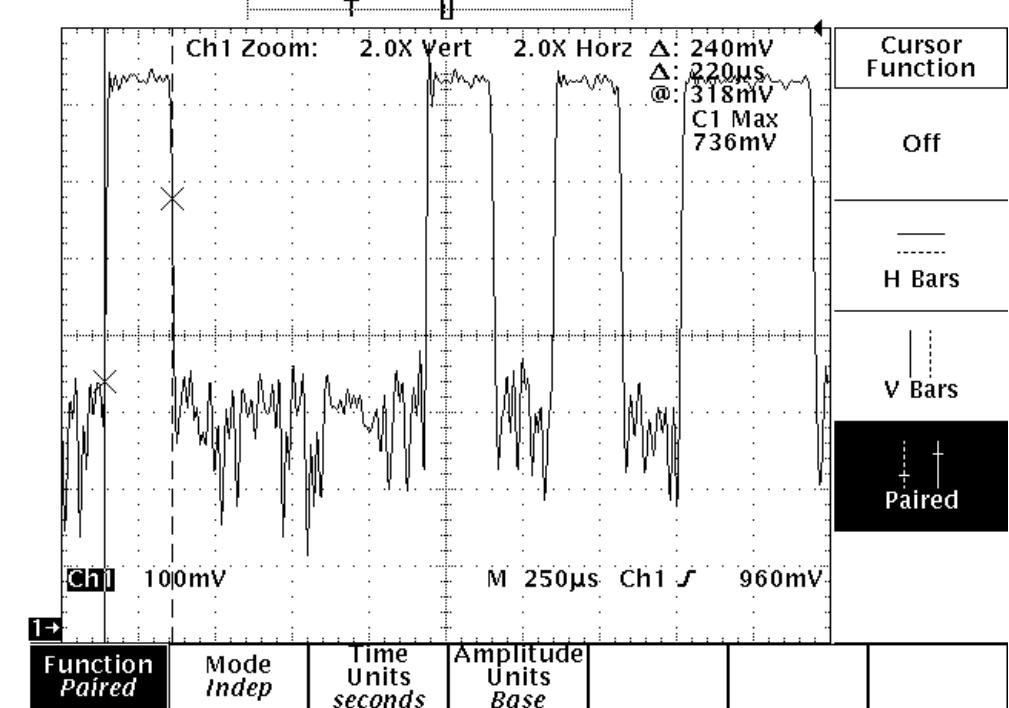
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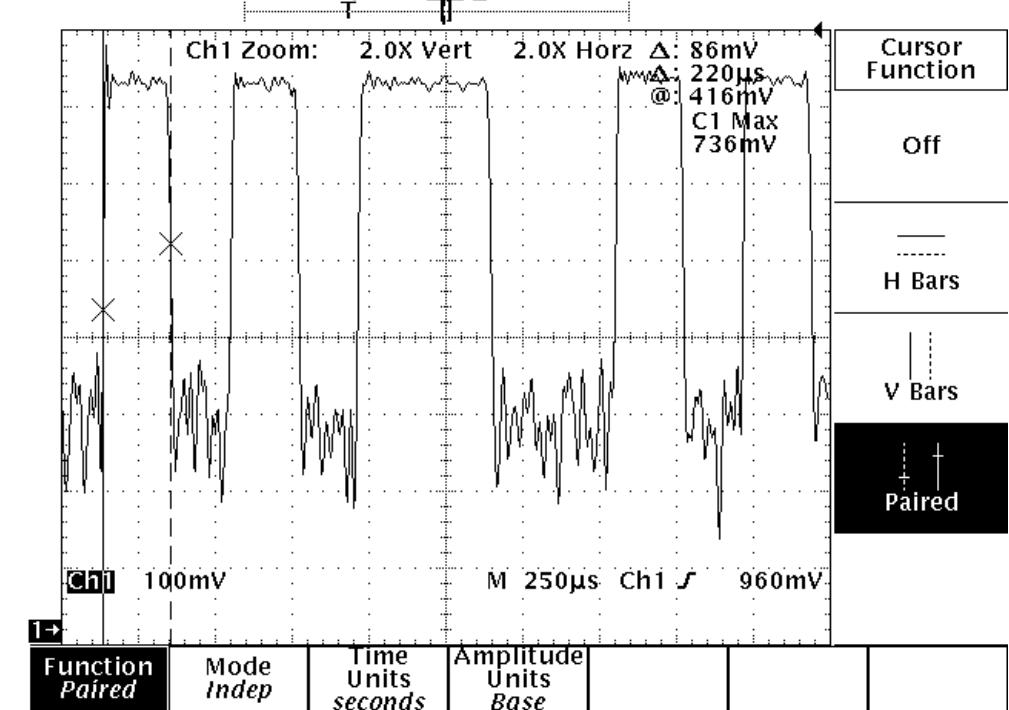
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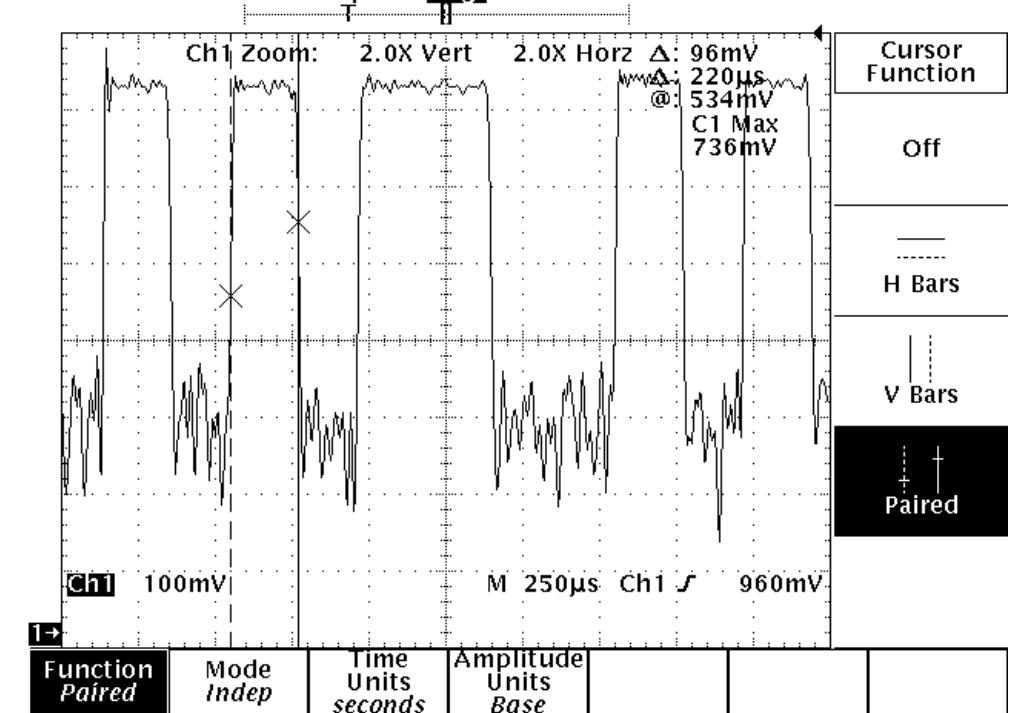
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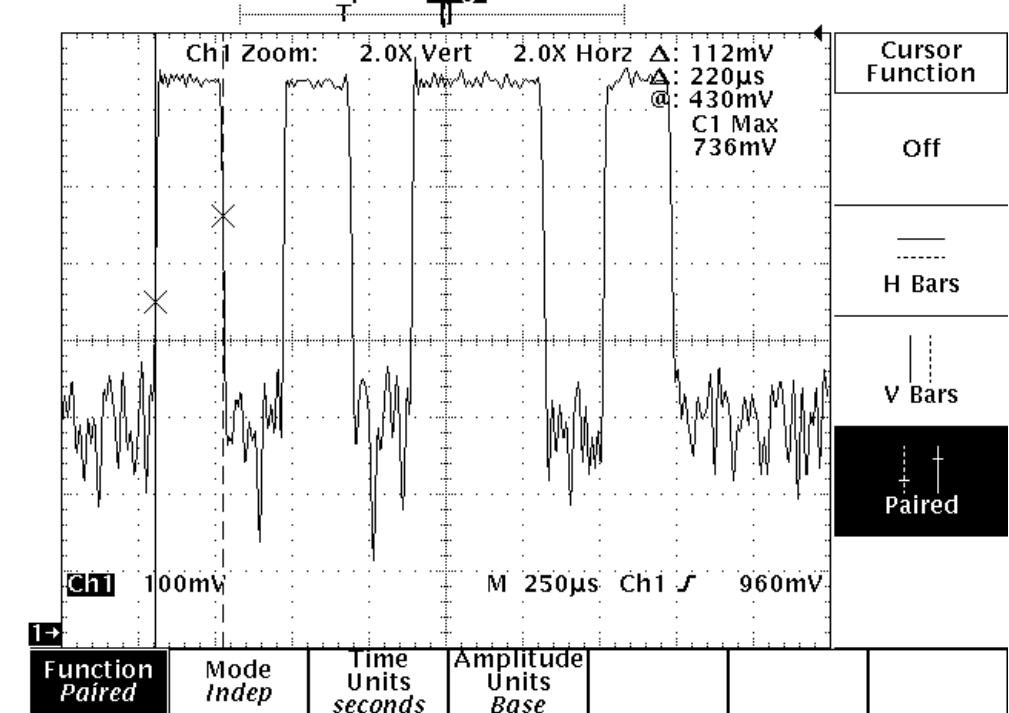
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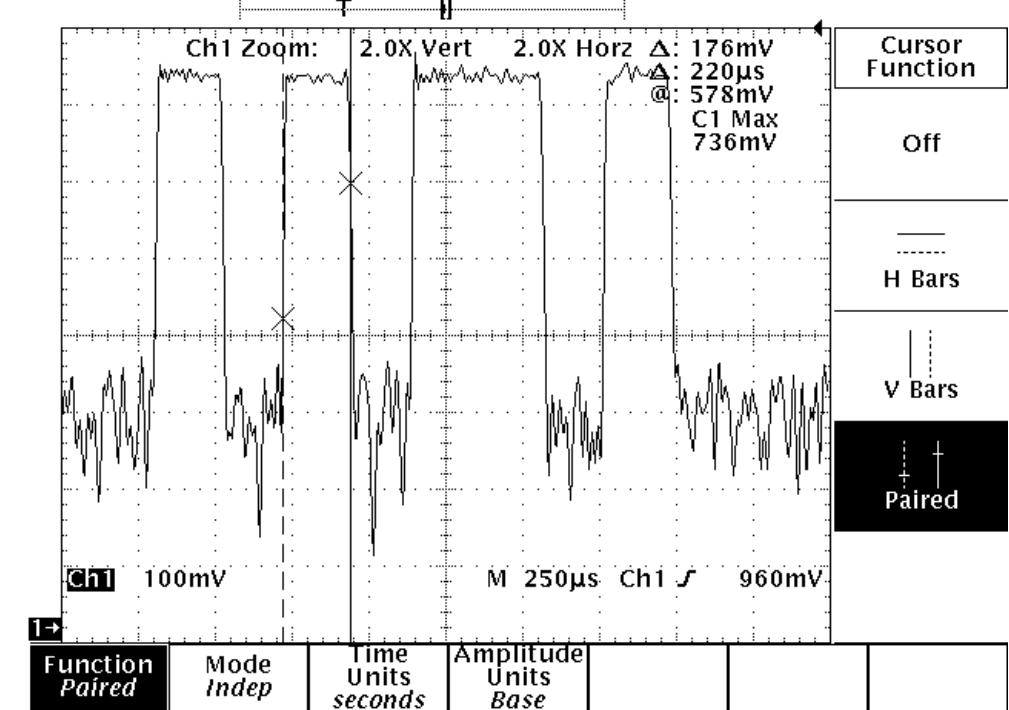
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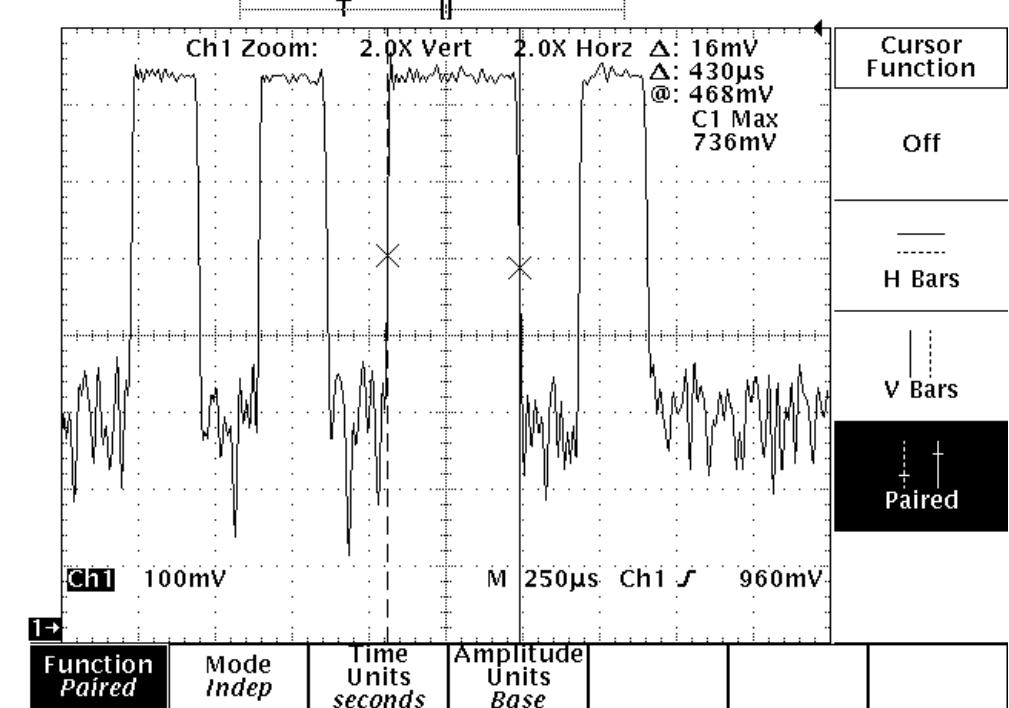
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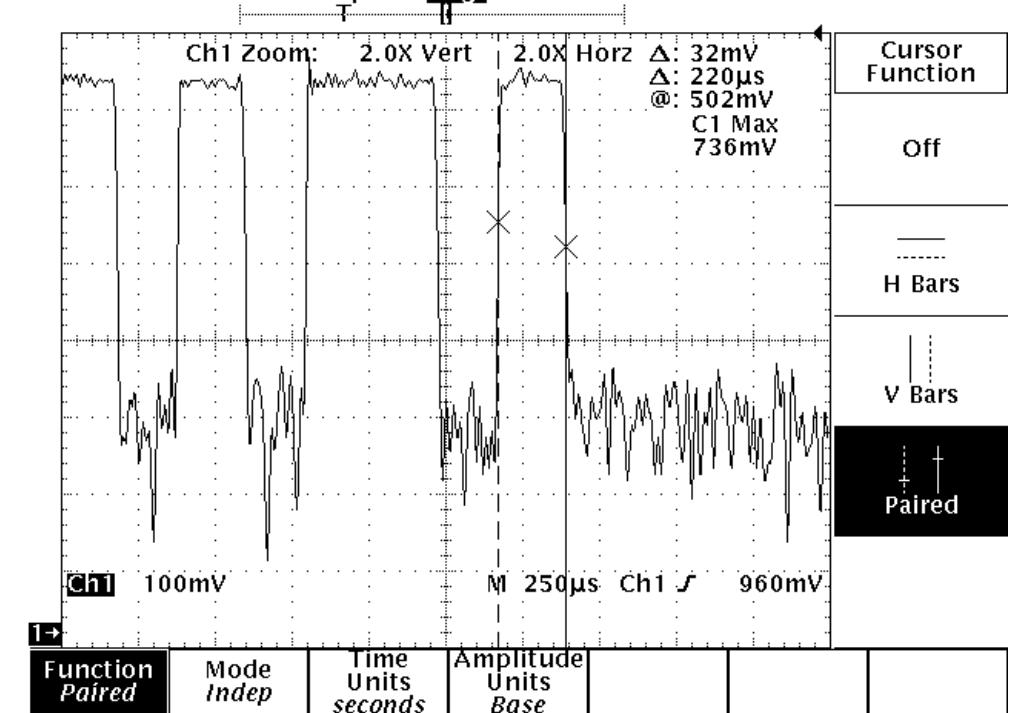
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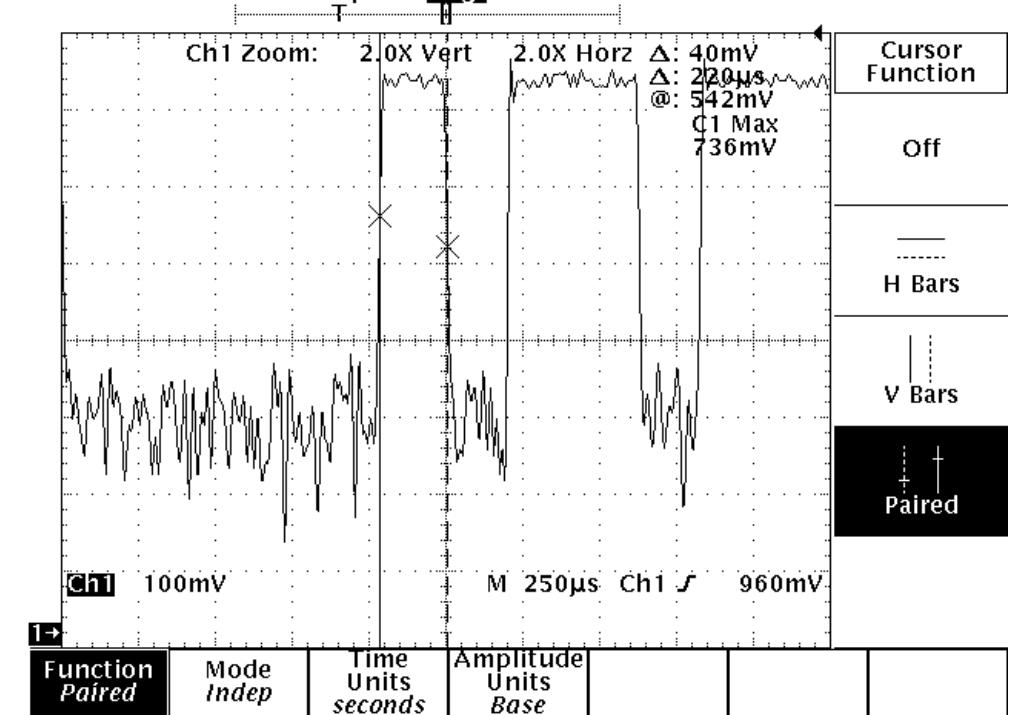
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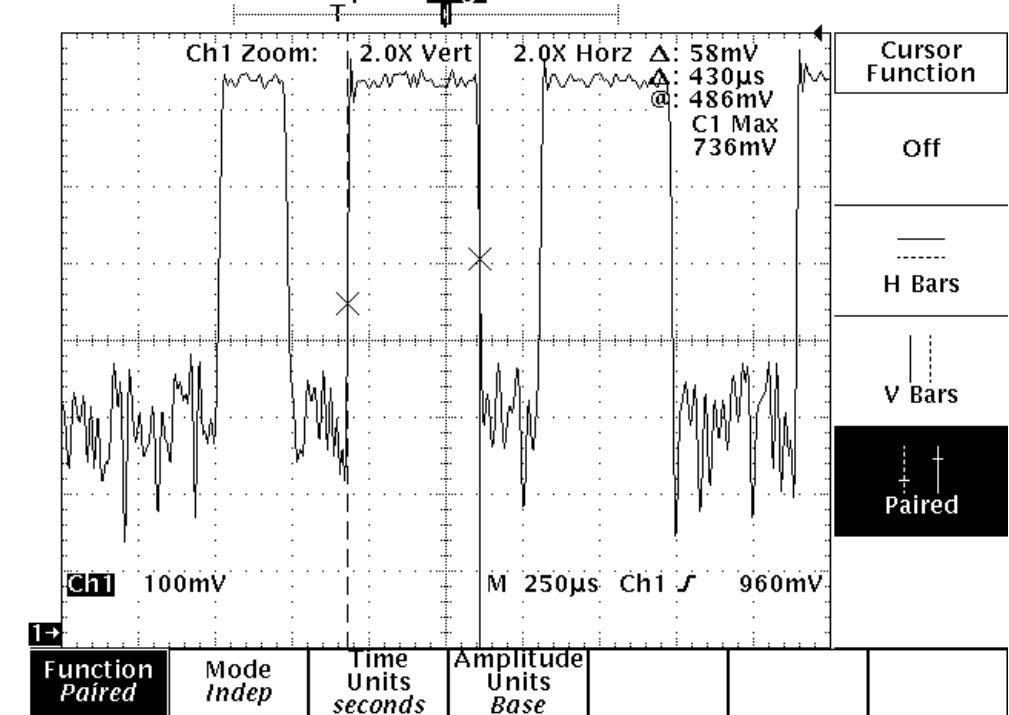
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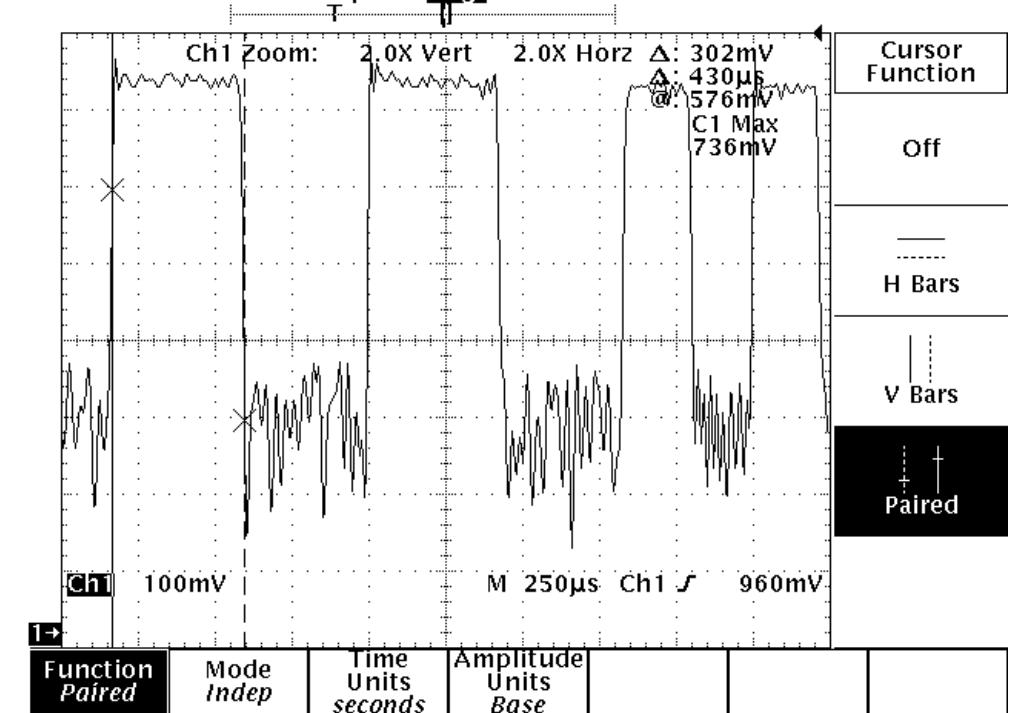
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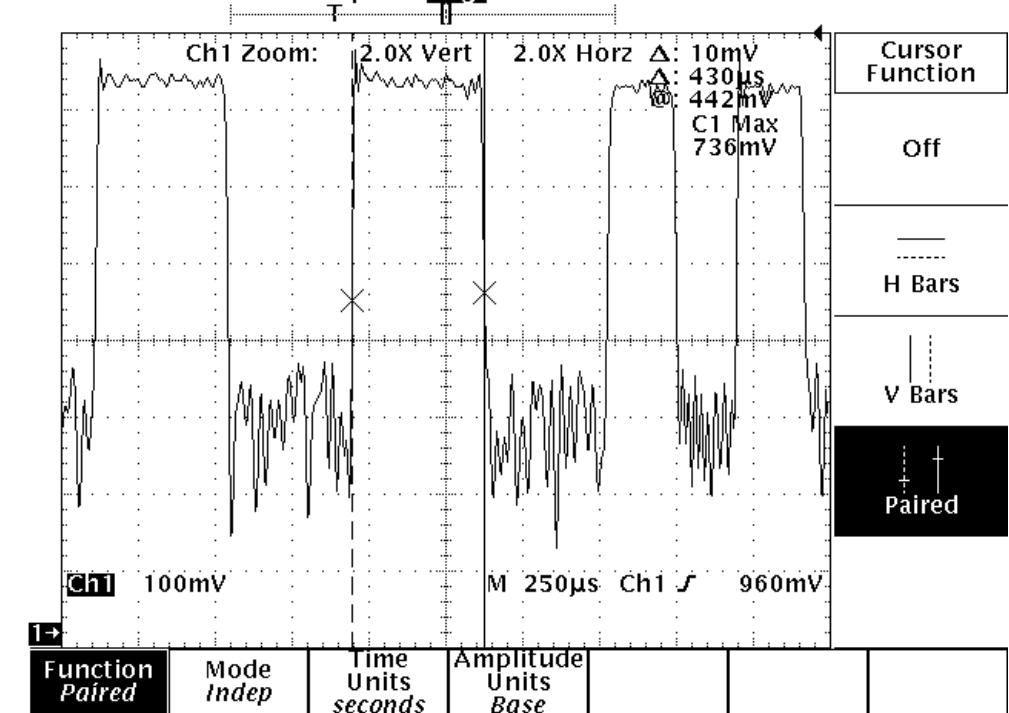
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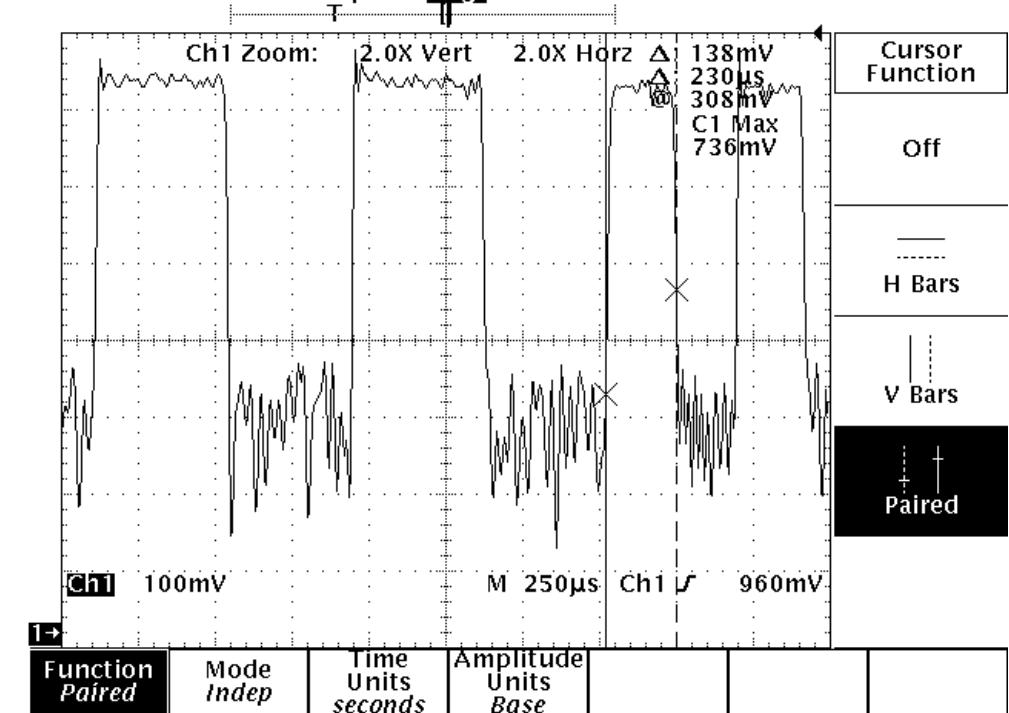
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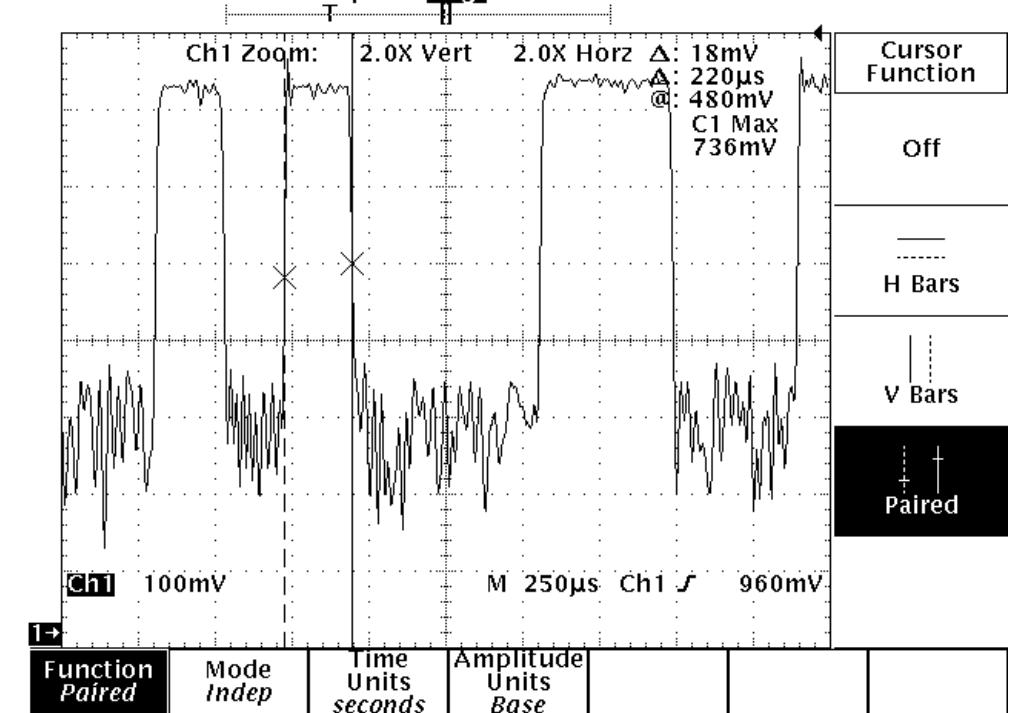
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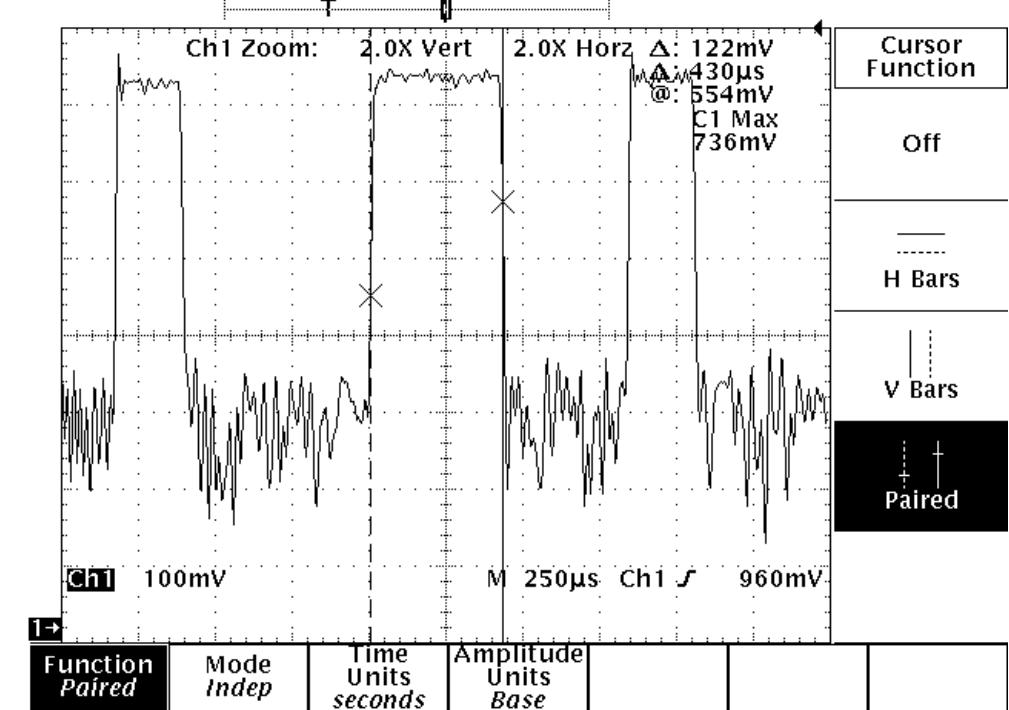
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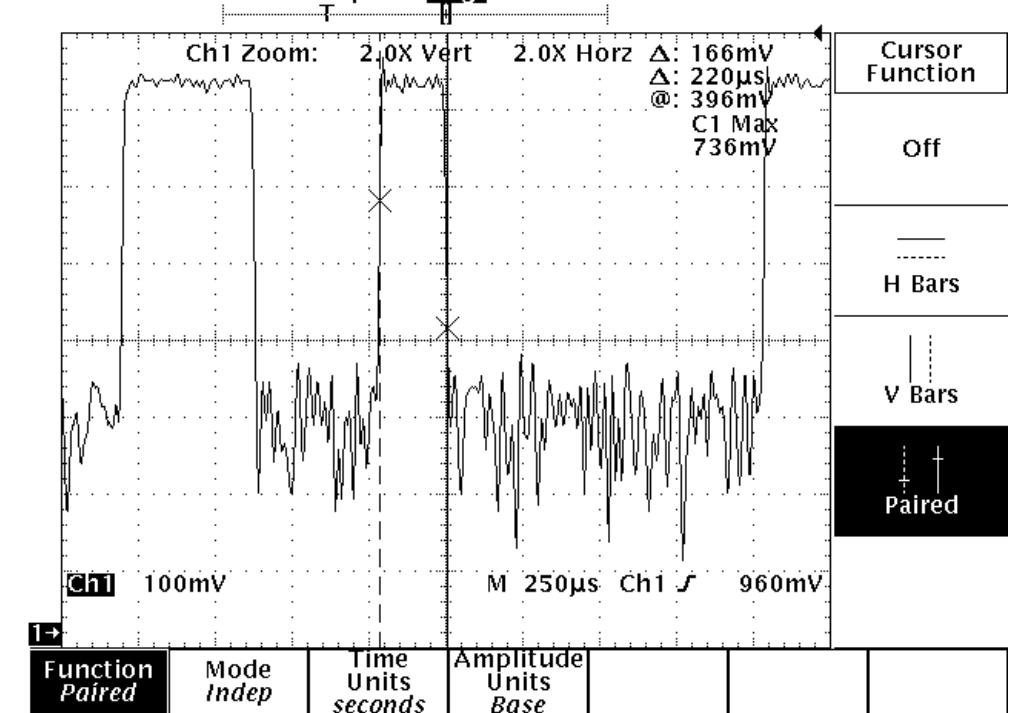
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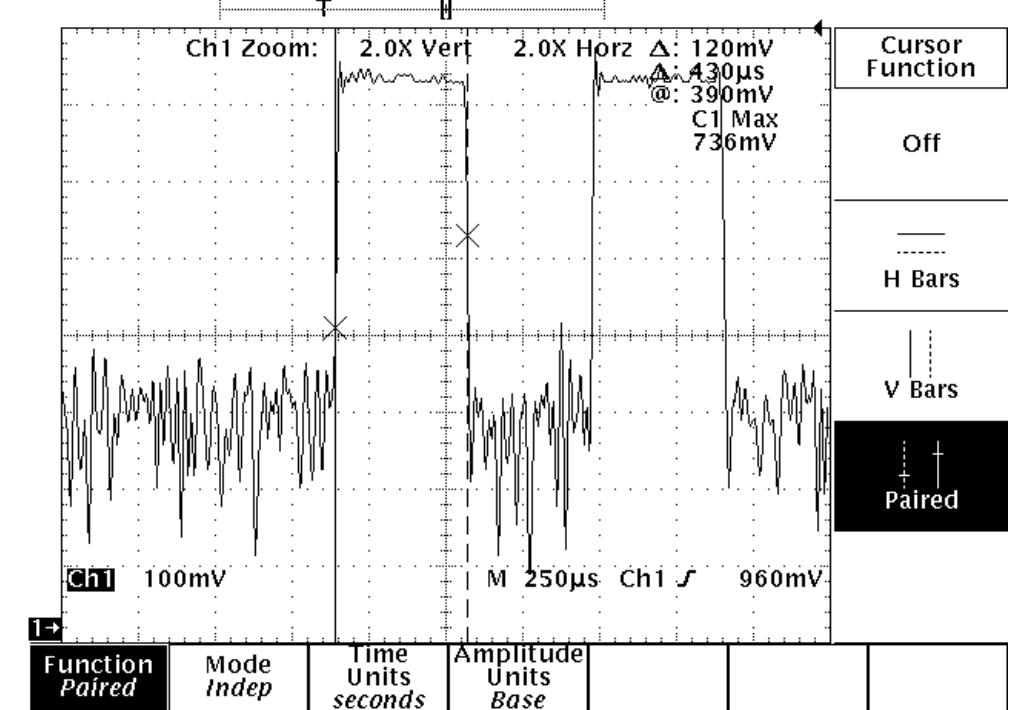
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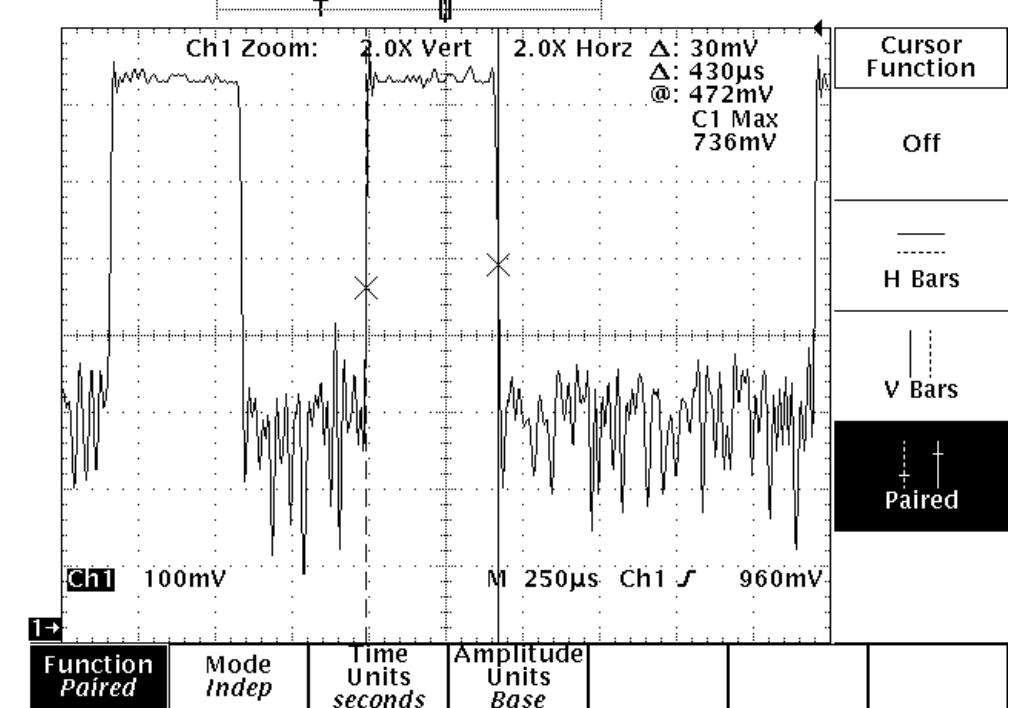
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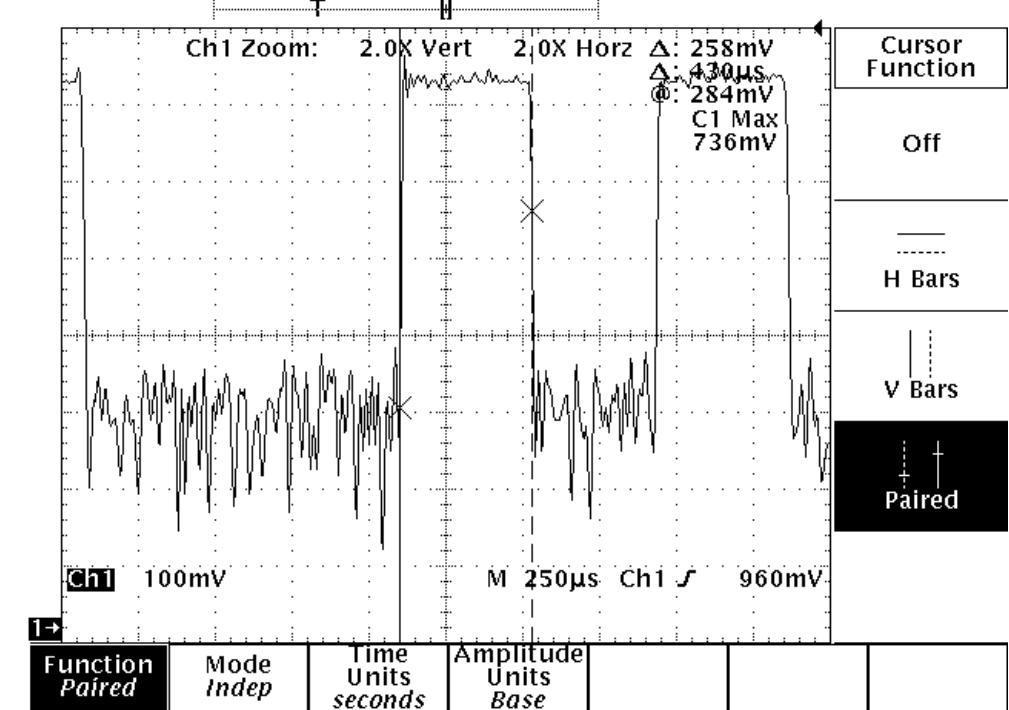
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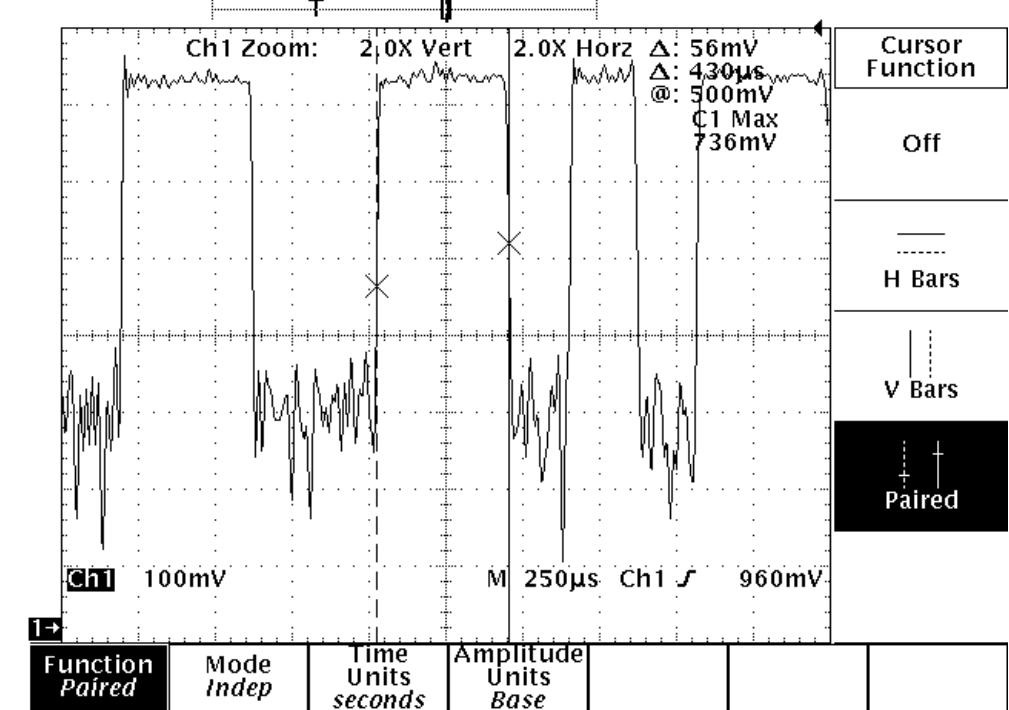
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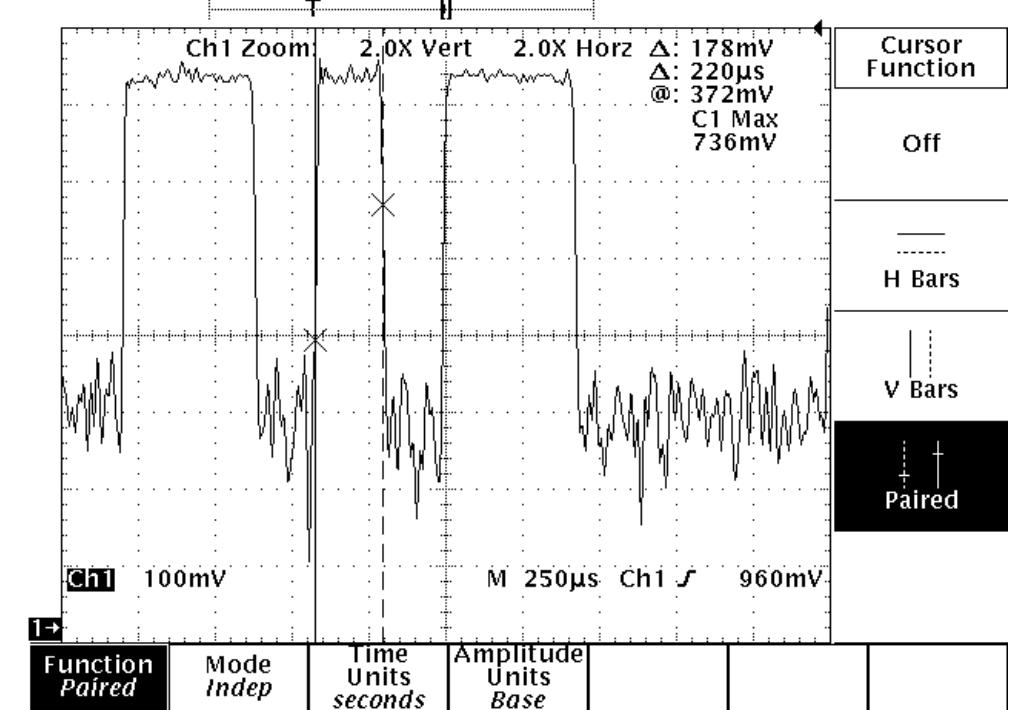
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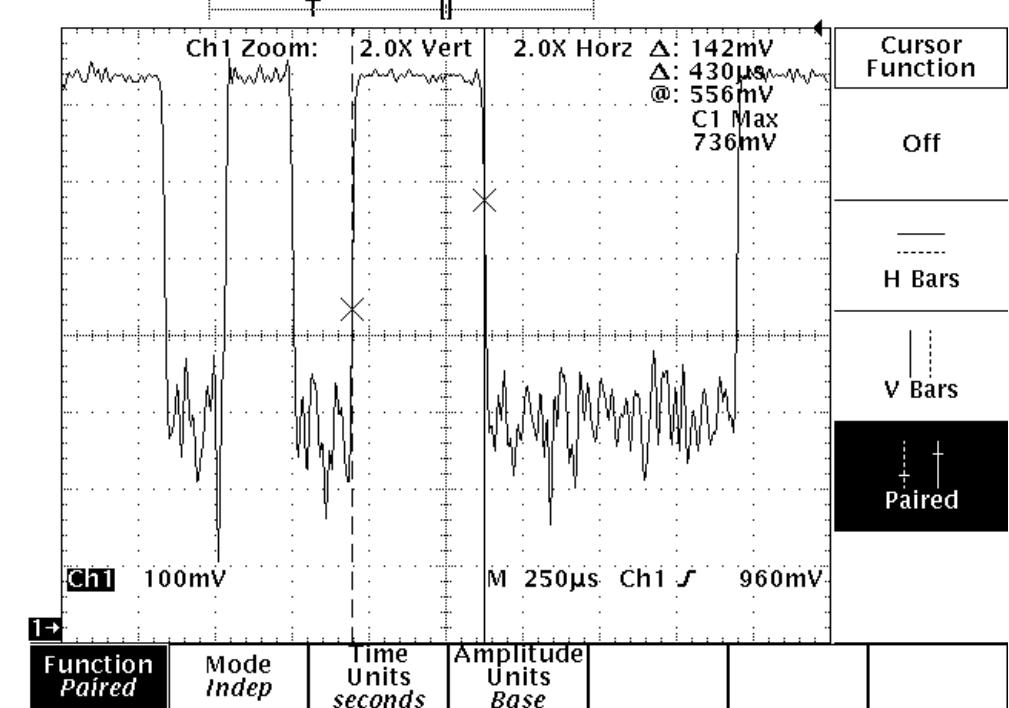
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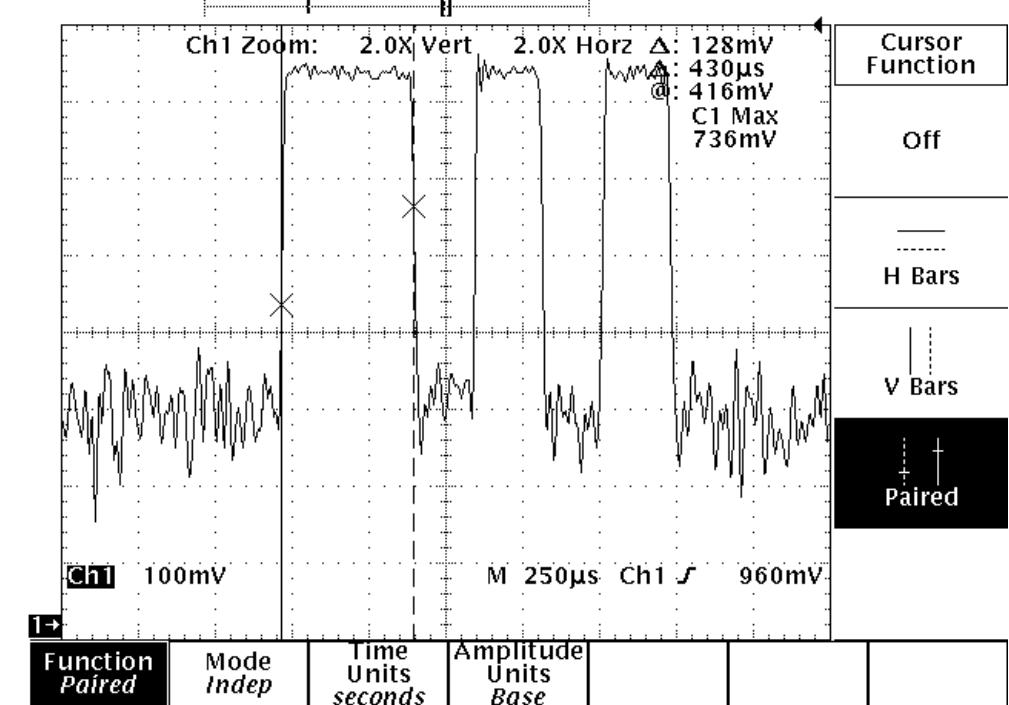
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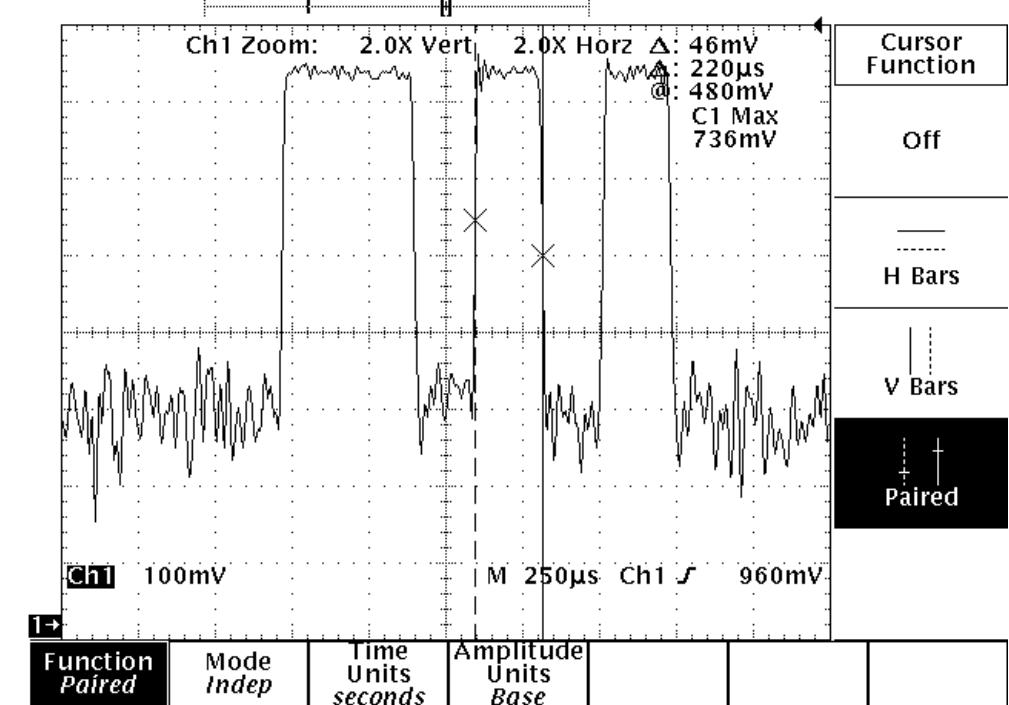
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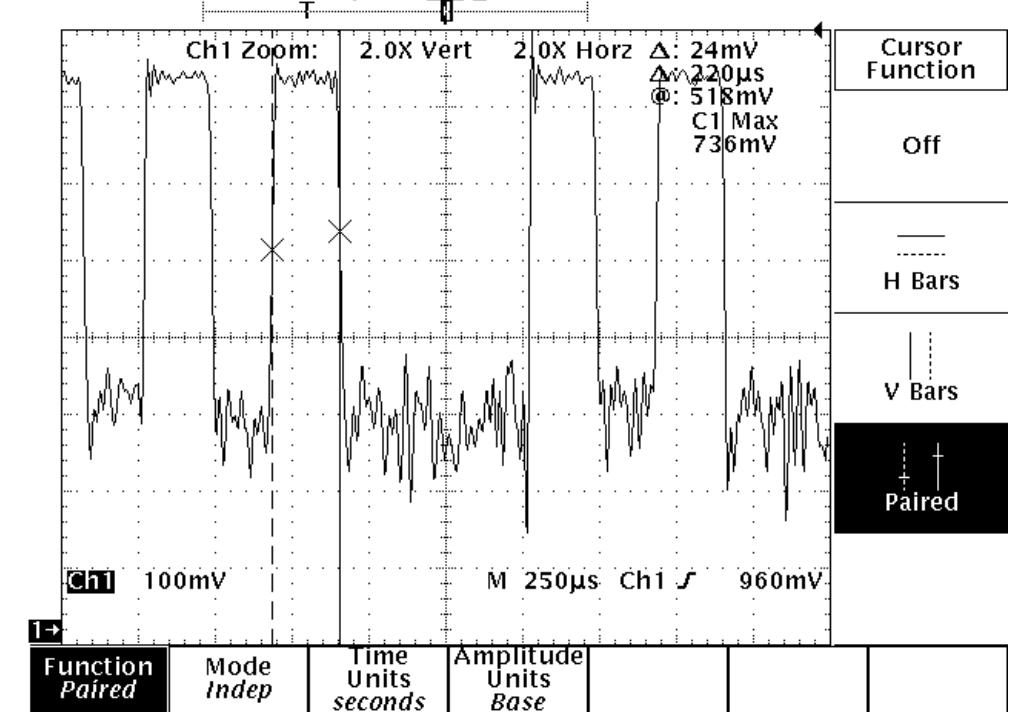
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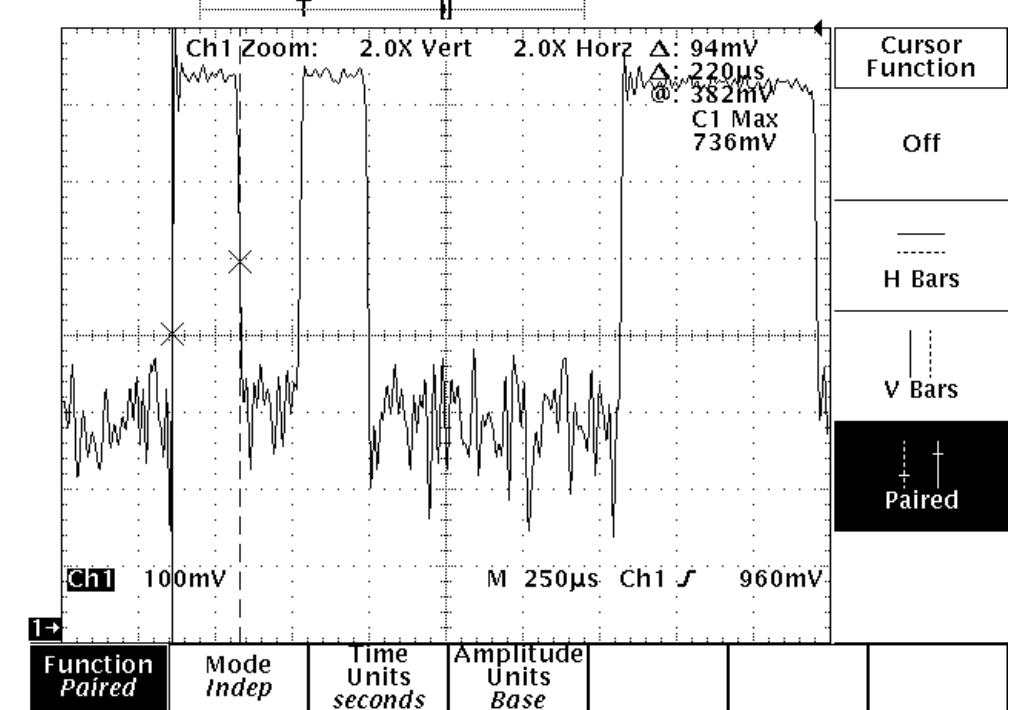
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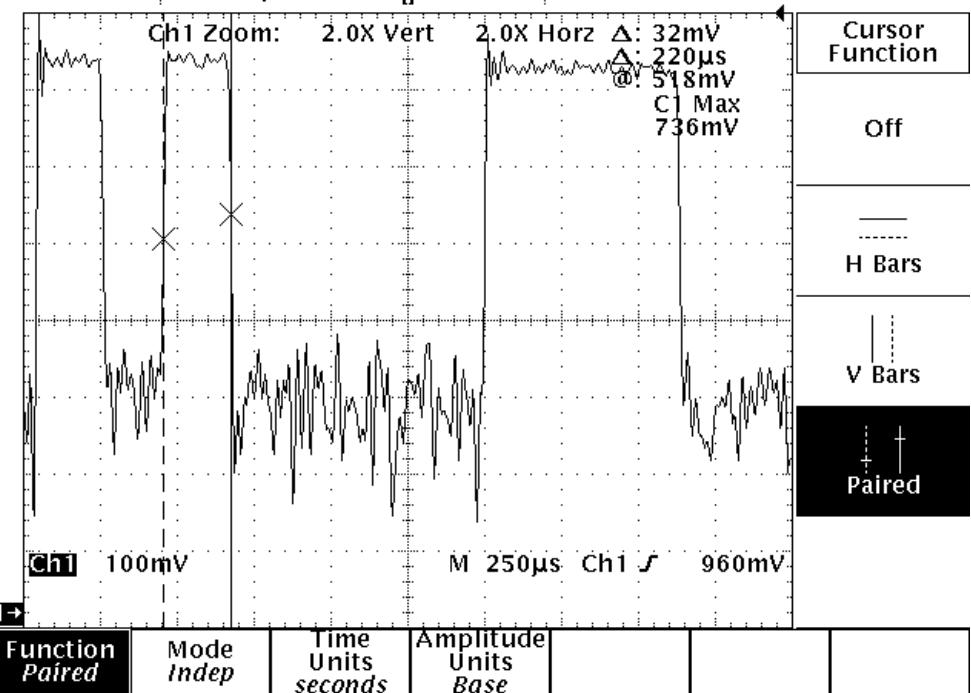
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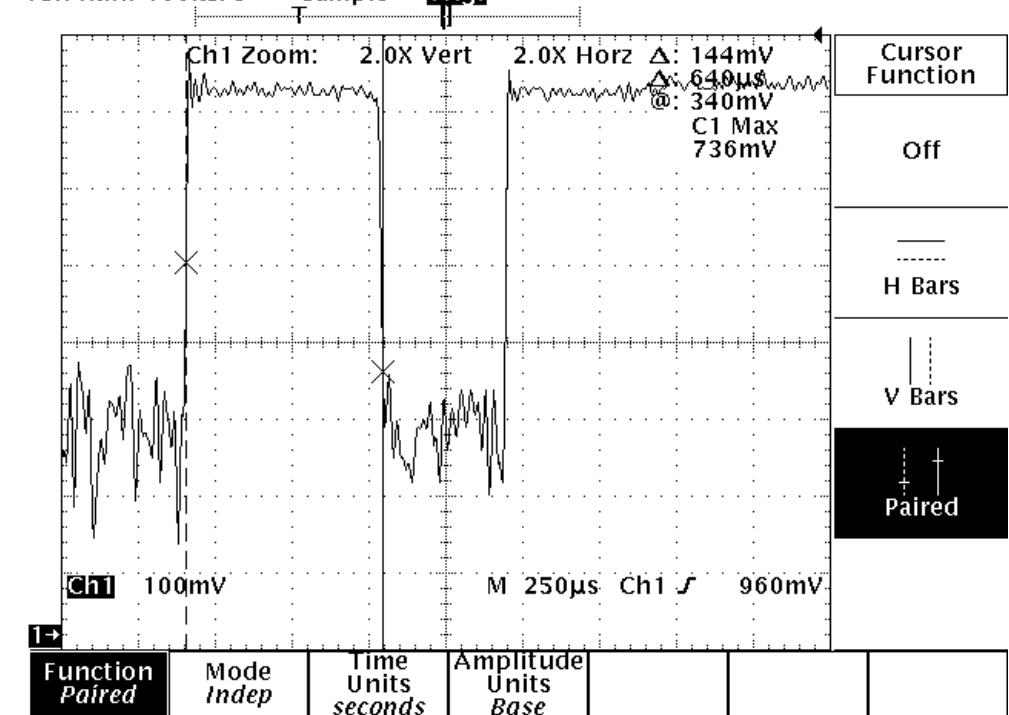
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