

StdHor	P1:rise(C1)	P2:fall(C1)	P3:period(C1)	P4:freq(C1)	P5:width(C1)	P6:duty(C1)	P7:delay(C1)	P8:npoints(C1)
value	1.560 ns	1.465 ns	4.854 ns	206.03 MHz	2.378 ns	49.001 %	-47.997 ns	1.000e+3
mean	1.568 ns	1.5934 ns	4.8046 ns	208.395 MHz	2.4679 ns	51.385 %	-48.2842 ns	1.0000000e+3
min	259 ps	295 ps	3.221 ns	97.22 MHz	582 ps	15.115 %	-49.820 ns	1.000e+3
max	97.527 ns	40.497 ns	10.286 ns	310.51 MHz	3.830 ns	84.964 %	-46.477 ns	1.000e+3
sdev	1.895 ns	878.2 ps	202.6 ps	6.645 MHz	202.3 ps	4.100 %	169.9 ps	0
num	16.245e+3	15.470e+3	16.281e+3	16.281e+3	16.288e+3	16.281e+3	815	815
status	✓	✓	✓	✓	✓	✓	✓	✓



C1 DC
 100 mV/div
 1.3800 V ofst

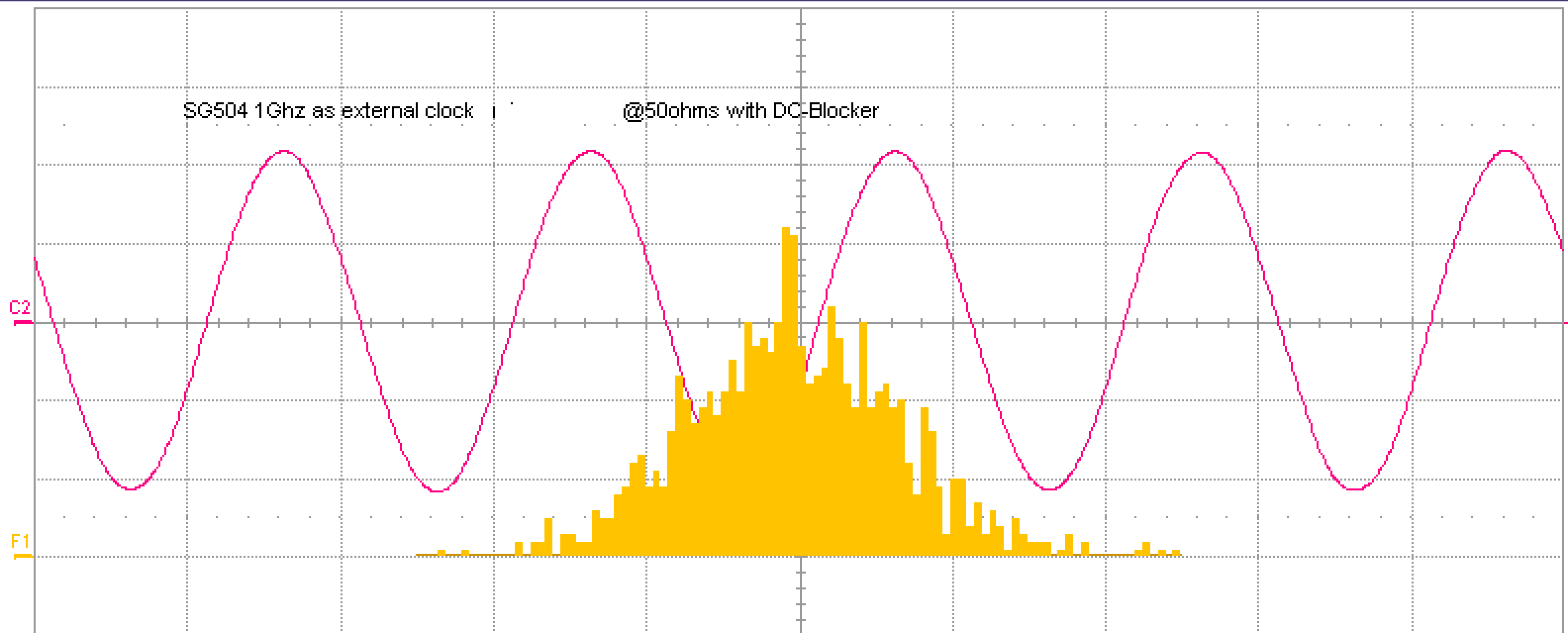
F2 hist(freq@V(...)
 200 #/div
 5.00 MHz/div
 9.873 k#

Timebase 0.0 ns
 10.0 ns/div
 1.00 kS

Trigger C1
 Stop -1.380 V
 Edge Positive

SG504 1Ghz as external clock

@50ohms with DC-Blocker



StdHor	P1:rise(C2)	P2:fall(C2)	P3:period(C2)	P4:freq(C2)	P5:width(C2)	P6:duty(C2)	P7:delay(C2)	P8:npoints(C2)
value	286 ps	291 ps	1.00133 ns	998.68 MHz	502.23 ps	50.156 %	-2.43577 ns	1.000e+3
mean	288.224 ps	291.476 ps	999.973 ps	1.000029 GHz	499.813 ps	49.9827 %	-2.434665 ns	1.0000000e+3
min	279 ps	280 ps	994.35 ps	994.51 MHz	493.45 ps	49.423 %	-2.44063 ns	1.000e+3
max	298 ps	302 ps	1.00552 ns	1.00568 GHz	505.89 ps	50.542 %	-2.42926 ns	1.000e+3
sdev	2.465 ps	2.602 ps	1.406 ps	1.406 MHz	1.666 ps	150.8 m%	1.573 ps	0
num	24.530e+3	19.624e+3	19.624e+3	19.624e+3	19.624e+3	19.624e+3	4.906e+3	4.906e+3
status	✓	✓	✓	✓	✓	✓	✓	✓

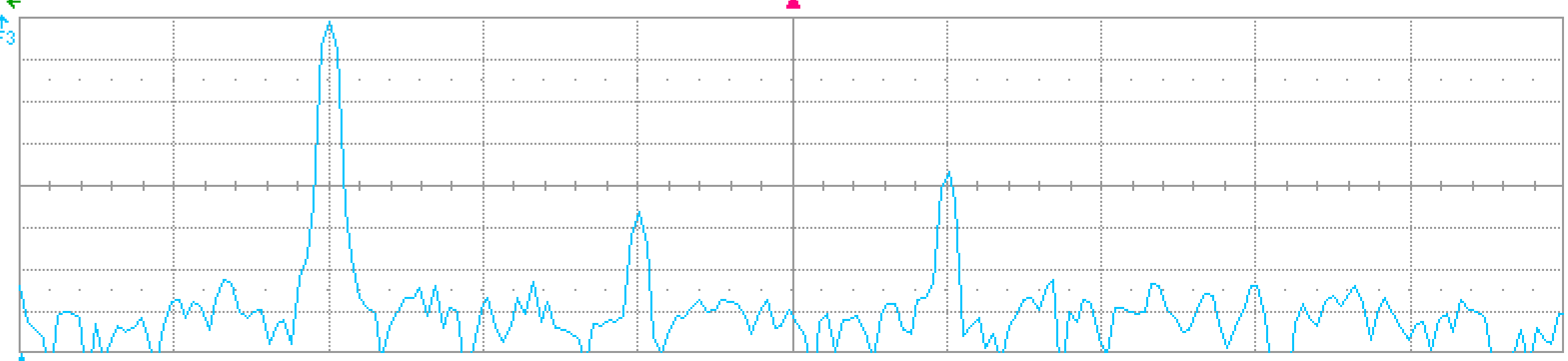
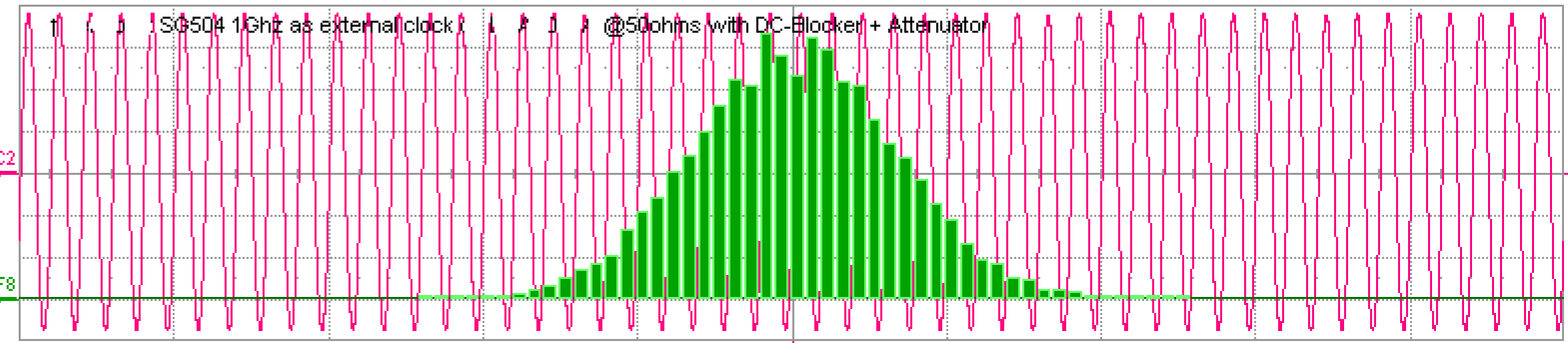
histo

C2 **DC50**
 200 mV/div
 0.0 mV offset

F1 **hist(freq(C2))**
 10.0 #/div
 2.00 MHz/div
 1.000 k#

Timebase 0.00 ns
 RIS 500 ps/div
 1.00 kS

Trigger **C2**
 Stop 0 mV
 Edge Positive



StdHor	P1:rise(C2)	P2:fall(C2)	P3:period(C2)	P4:freq(C2)	P5:width(C2)	P6:duty(C2)	P7:delay(C2)	P8:npoints(C2)
value	274 ps	280 ps	999.13 ps	1.00087 GHz	499.47 ps	49.858 %	-24.93411 ns	10.000e+3
mean	272.799 ps	277.509 ps	999.9662 ps	1.0000343 GHz	498.5886 ps	49.86042 %	-24.9347488 ns	10.000000e+3
min	268 ps	272 ps	997.49 ps	997.61 MHz	495.46 ps	49.570 %	-24.93663 ns	10.000e+3
max	289 ps	293 ps	1.00240 ns	1.00252 GHz	501.67 ps	50.129 %	-24.93285 ns	10.000e+3
sdev	1.604 ps	1.680 ps	660.5 fs	660.5 kHz	770.4 fs	70.75 m%	717.2 fs	0
num	15.631e+3	15.950e+3	15.631e+3	15.631e+3	15.950e+3	15.631e+3	319	319
status	✓	✓	✓	✓	✓	✓	✓	✓

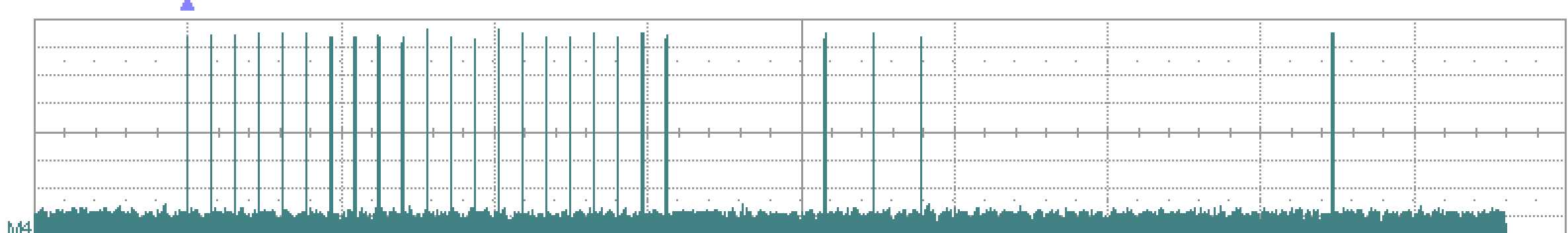
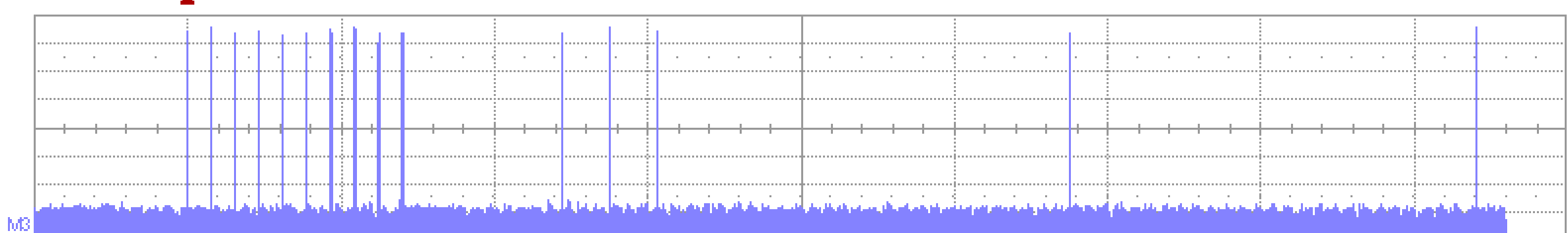
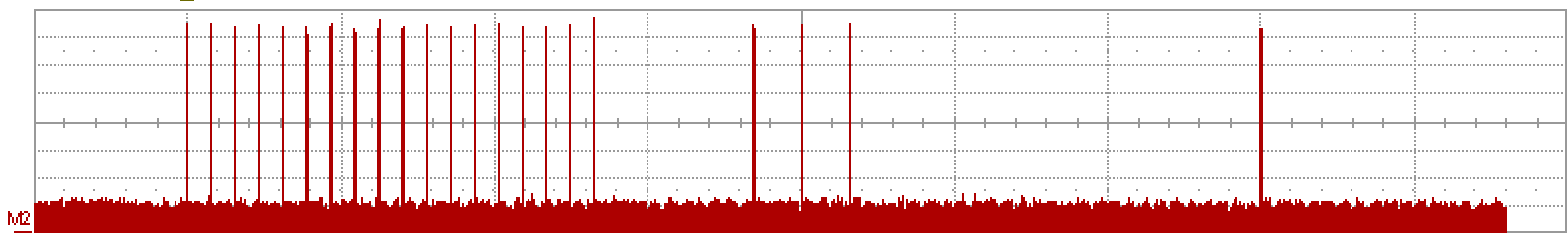
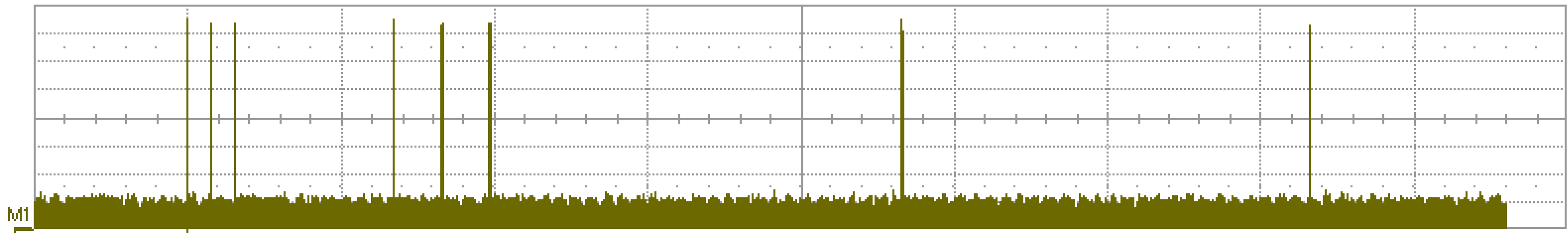
C2 DC50
60 mV/div
0.0 mV offset

F3 FFT(C2)
10.0 dB/div
500 MHz/div

F8 hist(freq(C2))
100 #/div
1.00 MHz/div
10.000 k#

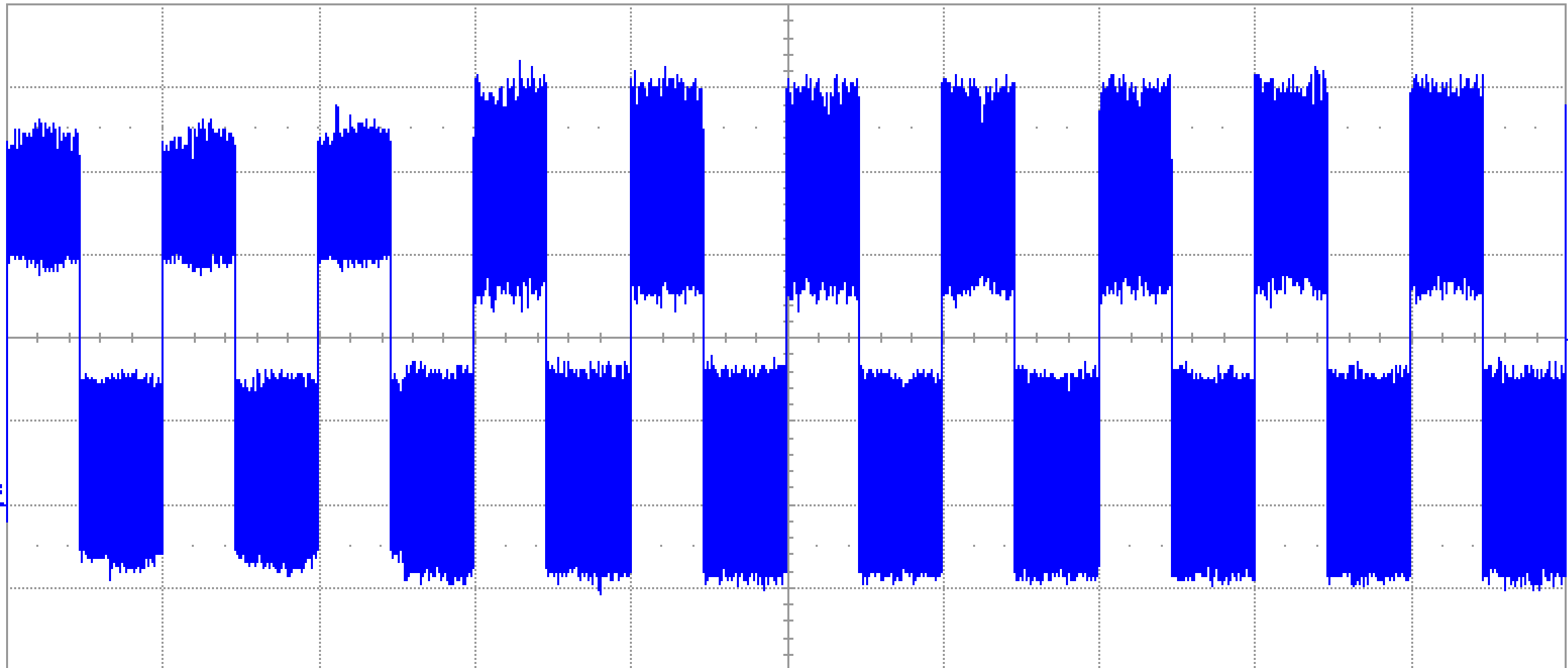
Timebase 0.0 ns
RIS 5.00 ns/div
10.0 kS 200 GS/s

Trigger C2
Stop 0.0 mV
Edge Positive



M1	M2	M3	M4
500 mV/div	500 mV/div	500 mV/div	500 mV/div
100 ms/div	100 ms/div	100 ms/div	100 ms/div

Timebase	-400 ms	Trigger	C3
48.0 MS	100 ms/div	Stop	2.000 V
	50 MS/s	Edge	Positive



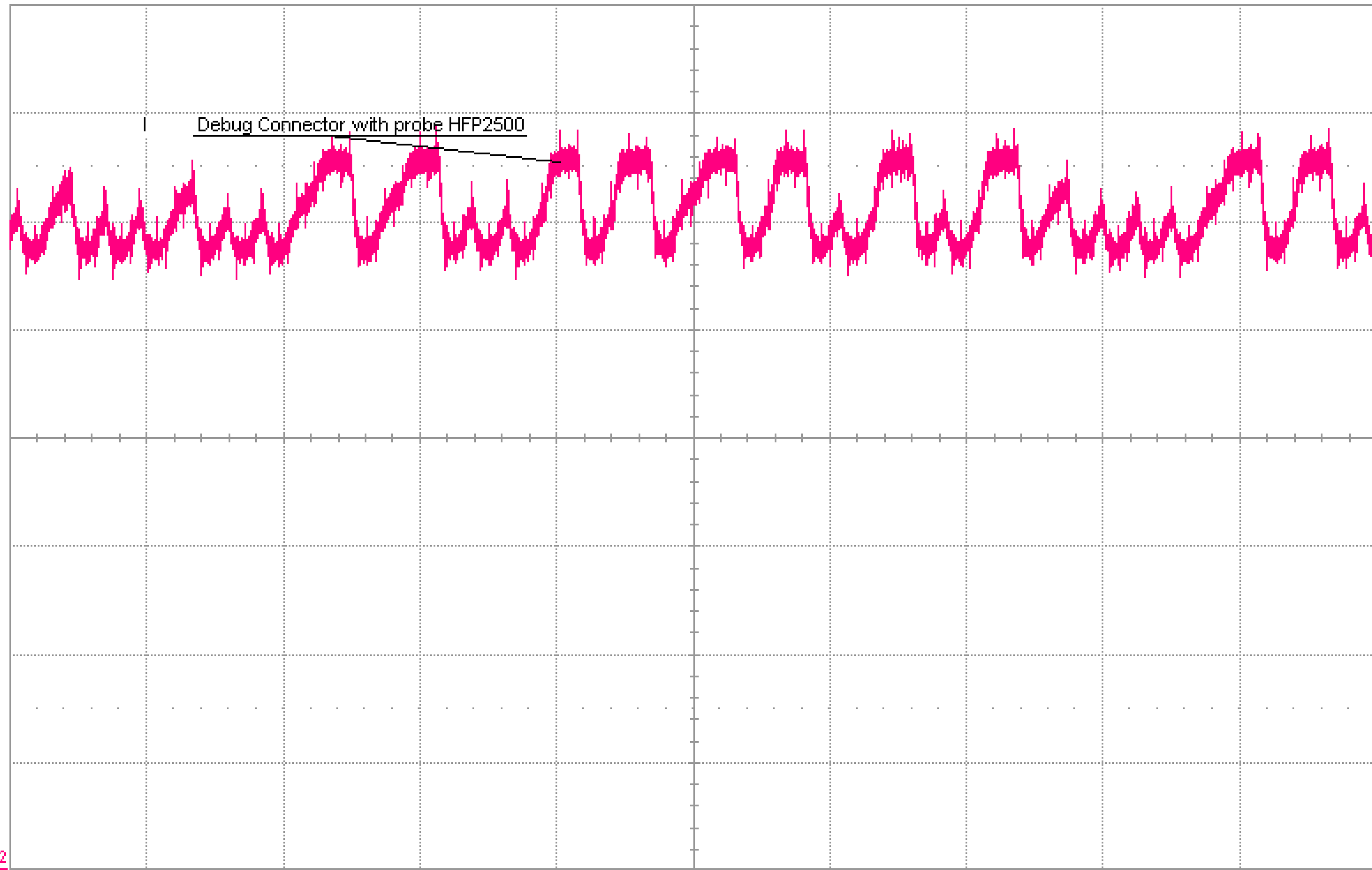
StdHor	P1:rise(C3)	P2:fall(C3)	P3:period(C3)	P4:freq(C3)	P5:width(C3)	P6:duty(C3)	P7:delay(C3)	P8:npoints(C3)
value	901.9 ns	71.0 ns	19.9932754 ms	50.0168171 Hz	9.3182197 ms	46.607 %	-99.9645050 ms	10.000000e+6
mean	859.19 ns	< 210 μs	19.167 ms	633 kHz	8.934 ms	46.751 %	-99.972974 ms	10.000000e+6
min	341.6 ns	< 18.2 ns	38.1 ns	49.9854704 Hz	15.1 ns	8.148 %	-99.9913970 ms	10.000000e+6
max	995.5 ns	< 9.3228667 ms	20.0058135 ms	26.244479 MHz	9.3337290 ms	90.719 %	-99.9488696 ms	10.000000e+6
sdev	78.25 ns	< 1.143 ms	3.982 ms	3.357 MHz	1.856 ms	4.836 %	8.831 μs	0
num	1.045e+3	950	991	991	991	991	95	95
status	✓	✓	✓	✓	✓	✓	✓	✓



C3 **DC**
 1.00 V/div
 -2.000 V ofst

Timebase 0.0 ms
 20.0 ms/div
 10.0 MS

Trigger **C3**
 Stop 2.00 V
 Edge Positive

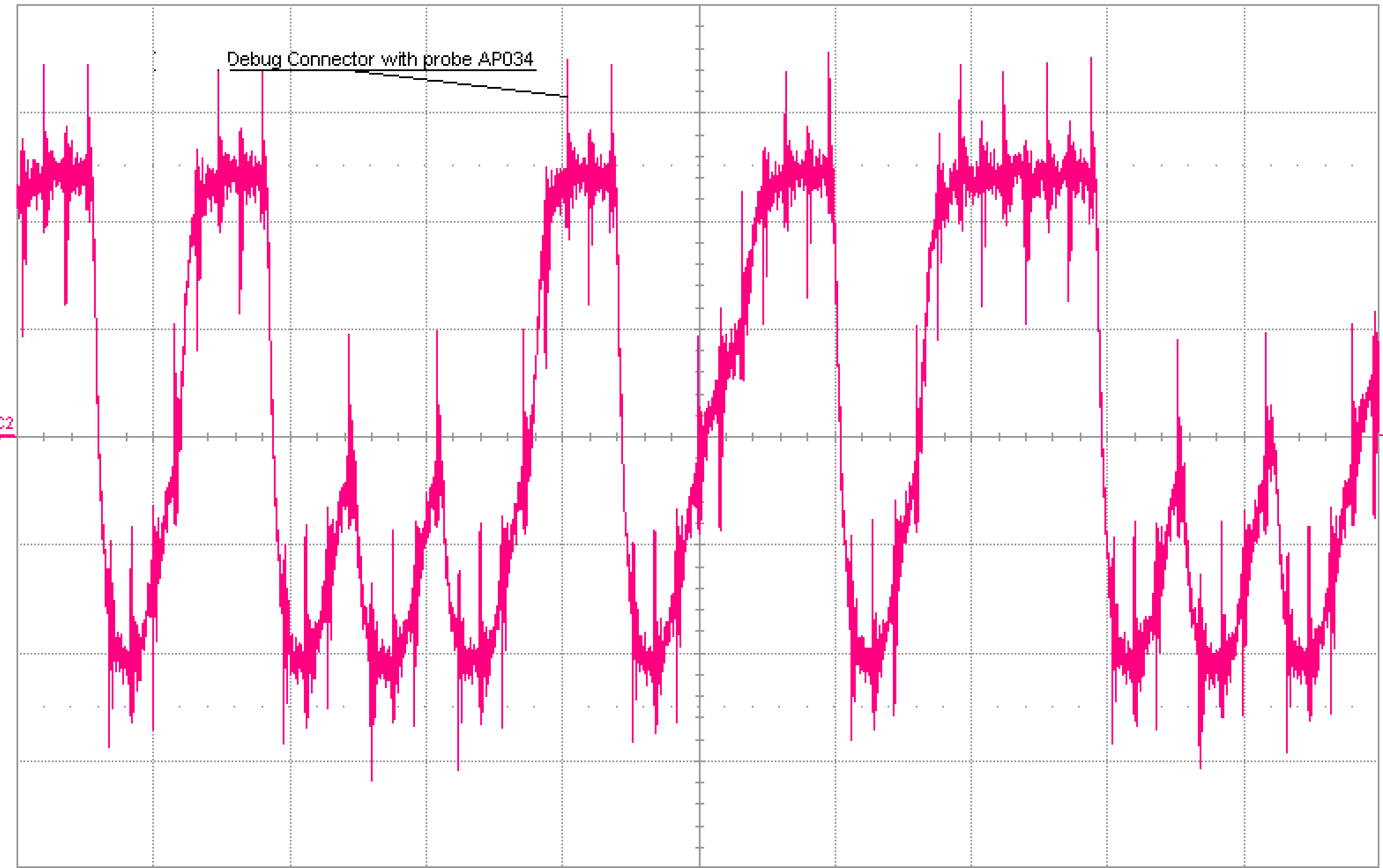


C2

C2 DC
500 mV/div
-2.000 V ofst

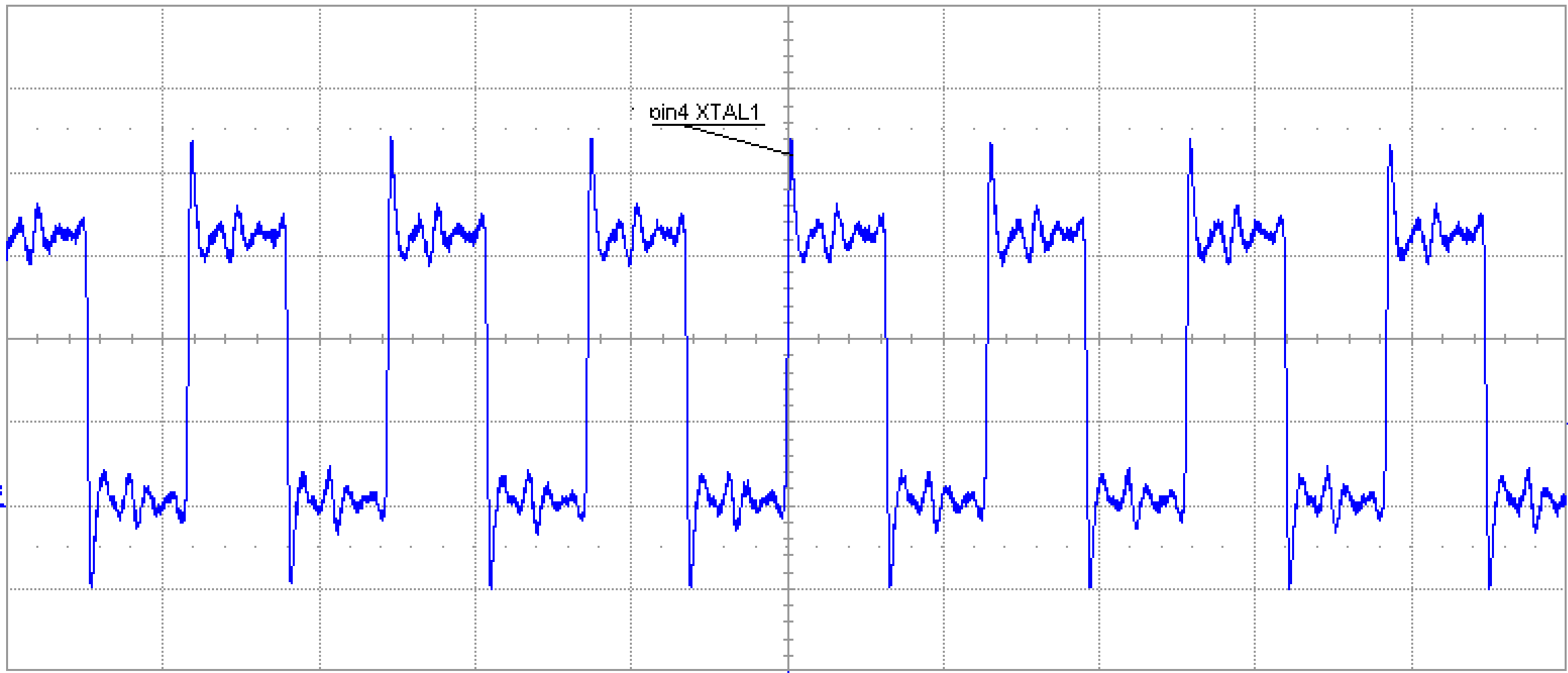
Timebase	0.00 μs	Trigger	<input checked="" type="checkbox"/> C2
	500 ns/div	Stop	3.080 V
100 kS	20 GS/s	Edge	Positive

Debug Connector with probe AP034

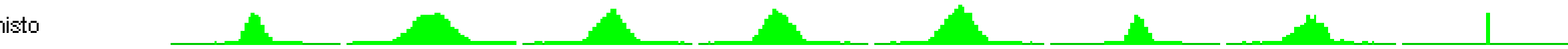


C2 AC
100 mV/div
0.0 mV offset

Timebase	0 ns	Trigger	<input checked="" type="checkbox"/> C2
	200 ns/div	Stop	1 mV
40.0 kS	20 GS/s	Edge	Positive



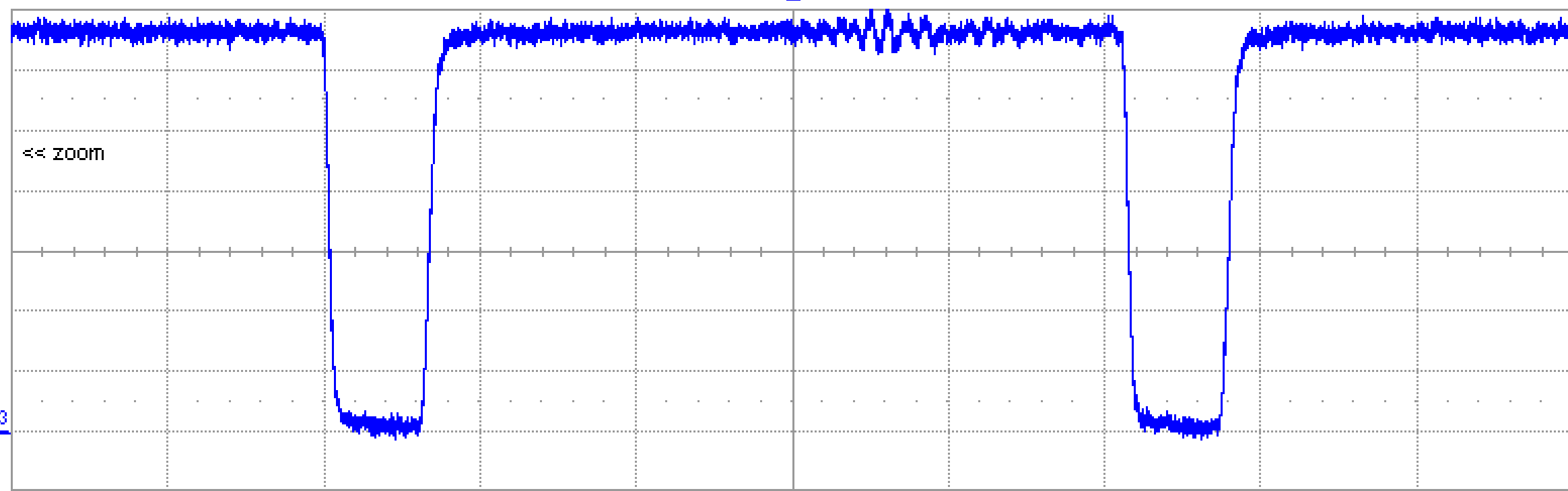
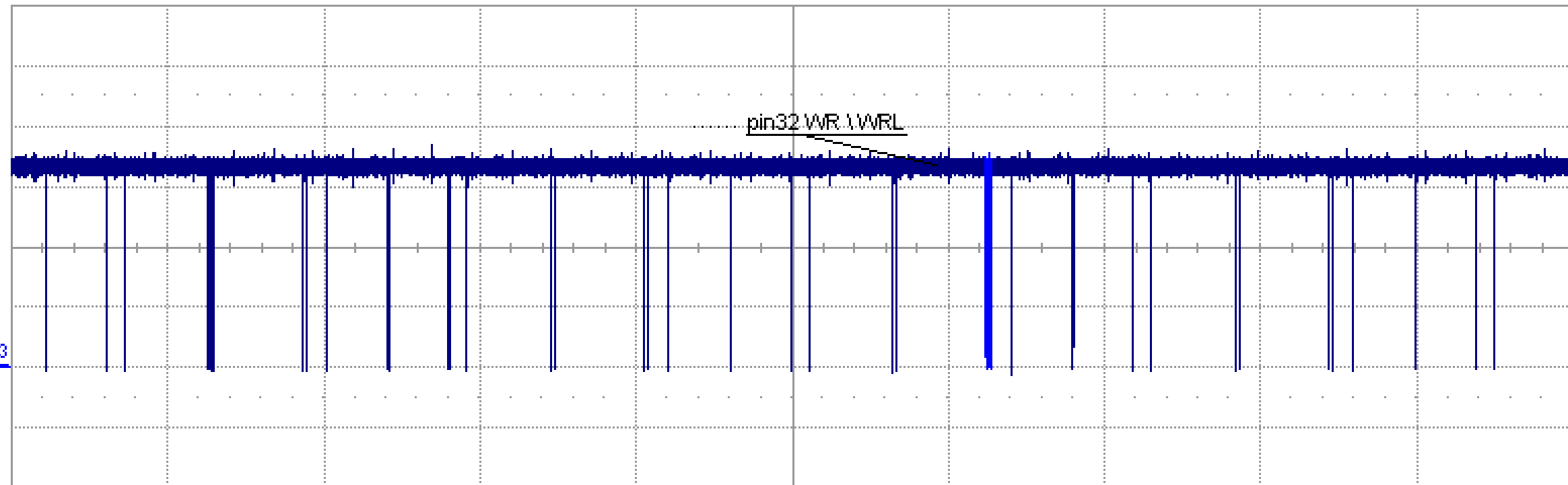
StdHor	P1:rise(C3)	P2:fall(C3)	P3:period(C3)	P4:freq(C3)	P5:width(C3)	P6:duty(C3)	P7:delay(C3)	P8:npoints(C3)
value	833 ps	840 ps	63.9988 ns	15.6253 MHz	31.8601 ns	49.778 %	-223.8691 ns	10.000e+3
mean	843.37 ps	839.87 ps	63.99841 ns	15.625390 MHz	31.86451 ns	49.78961 %	-223.88643 ns	10.000000e+3
min	728 ps	749 ps	63.9121 ns	15.6050 MHz	31.7850 ns	49.690 %	-223.9625 ns	10.000e+3
max	975 ps	960 ps	64.0822 ns	15.6465 MHz	31.9490 ns	49.917 %	-223.8114 ns	10.000e+3
sdev	27.23 ps	24.80 ps	18.09 ps	4.416 kHz	18.94 ps	25.75 m%	19.06 ps	0
num	5.999e+3	6.856e+3	5.142e+3	5.142e+3	5.999e+3	5.142e+3	857	857
status	✓	✓	✓	✓	✓	✓	✓	✓



C3 00
 1.00 V/div
 -2.000 V ofst

Timebase 0 ns
 50.0 ns/div
 10.0 kS

Trigger C3
 Stop 1.00 V
 Edge Positive



C3 1.00 V/div
-2.000 V ofst

Z3 zoom(C3)
500 mV/div
100 ns/div

Timebase 0.0 μs
20.0 μs/div
4.00 MS 20 GS/s

Trigger C3
Stop 1.00 V
Edge Positive