

Setup Information			
DUT ID	DUT001	Scope Information	MSO71604C, C601001
Date/Time	2024-07-05 17:20:29	Scope F/W Version	10.12.1 Build 26
Device Type	Ethernet	DATA Probe Model	TCA-SMA
TekExpress Ethernet Version	10.2.5.7	DATA Probe Serial Number	N.A
TekExpress Framework Version	4.11.0.45		
Execution Mode	Live		
Compliance Mode	True		
Overall Test Result	Pass		
Overall Execution Time	0:04:33		
DUT COMMENT:	General comment		

Test Name Summary Table	
Template Point A	Pass
Template Point B	Pass
Template Point C	Pass
Template Point D	Pass
Template Point F	Pass
Template Point H	Pass
Peak Point A	Pass
Peak Point B	Pass
Peak Point C	Pass
Peak Point D	Pass
Droop Point G	Pass
Droop Point J	Pass
Transmitter Distortion Without TX_TCLK	Pass
CM Voltage	Pass

Template Point A							
Measurement Details	Measured Value	Test Result	Margin	Low Limit	High Limit	Units	Comments
TemplateA_Without_Disturber_Run1	0	Pass	H:0	N.A	0	Hits	Hits in segments: No Hits
COMMENTS							
Back to Summary Table							

Template Point B							
Measurement Details	Measured Value	Test Result	Margin	Low Limit	High Limit	Units	Comments
TemplateB_Without_Disturber_Run1	0	Pass	H:0	N.A	0	Hits	Hits in segments: No Hits
COMMENTS							
Back to Summary Table							

Template Point C							
Measurement Details	Measured Value	Test Result	Margin	Low Limit	High Limit	Units	Comments
TemplateC_Without_Disturber_Run1	0	Pass	H:0	N.A	0	Hits	Hits in segments: No Hits
COMMENTS							
Back to Summary Table							

Template Point D							
Measurement Details	Measured Value	Test Result	Margin	Low Limit	High Limit	Units	Comments
TemplateD_Without_Disturber_Run1	0	Pass	H:0	N.A	0	Hits	Hits in segments: No Hits
COMMENTS							
Back to Summary Table							

Template Point F							
Measurement Details	Measured Value	Test Result	Margin	Low Limit	High Limit	Units	Comments
TemplateF_Without_Disturber_Run1	0	Pass	H:0	N.A	0	Hits	Hits in segments: No Hits
COMMENTS							
Back to Summary Table							

Template Point H							
Measurement Details	Measured Value	Test Result	Margin	Low Limit	High Limit	Units	Comments
TemplateH_Without_Disturber_Run1	0	Pass	H:0	N.A	0	Hits	Hits in segments: No Hits
COMMENTS							
Back to Summary Table							

Peak Point A							
Measurement Details	Measured Value	Test Result	Margin	Low Limit	High Limit	Units	Comments
PeakvoltageA_With out_Disturber_Run1	749.5100	Pass	L:79.5100 H:70.4900	670	820	mV	N.A
Deviation between A and B_Run1	0.0527	Pass	H:0.9473	N.A	1	%	B: 748.72 mV
COMMENTS							

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Peak Point B							
Measurement Details	Measured Value	Test Result	Margin	Low Limit	High Limit	Units	Comments
PeakvoltageB_With out_Disturber_Run1	726.6800	Pass	L:56.6800 H:93.3200	670	820	mV	N.A
Deviation between B and A_Run1	0.1045	Pass	H:0.8955	N.A	1	%	A: 728.2 mV
COMMENTS							

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Peak Point C							
Measurement Details	Measured Value	Test Result	Margin	Low Limit	High Limit	Units	Comments
PeakvoltageC_With out_Disturber_Run1	0.0504	Pass	H:1.9496	N.A	2.0	%	A:729.66 mV B:728.88 mV C:364.82 mV
COMMENTS							

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Peak Point D							
Measurement Details	Measured Value	Test Result	Margin	Low Limit	High Limit	Units	Comments
PeakvoltageD_With out_Disturber_Run1	0.3627	Pass	H:1.6373	N.A	2.0	%	A:749.08 mV B:750.62 mV D:376.29 mV
COMMENTS							

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Drop Point G							
Measurement Details	Measured Value	Test Result	Margin	Low Limit	High Limit	Units	Comments
DropG_Without_Di sturber_Run1	99.4940	Pass	L:26.3940	73.1	N.A	%	Drop Point F Peak(V): -1.0998 Drop Point G Peak(V): -1.0942
COMMENTS							

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Drop Point J							
Measurement Details	Measured Value	Test Result	Margin	Low Limit	High Limit	Units	Comments
DropJ_Without_Di sturber_Run1	99.5719	Pass	L:26.4719	73.1	N.A	%	Drop Point H Peak(V): 1.028 Drop Point J Peak(V): 1.0236
COMMENTS							

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Transmitter Distortion Without TX_TCLK							
Measurement Details	Measured Value	Test Result	Margin	Low Limit	High Limit	Units	Comments
Distortion_Without_Disturber_Without_TX_TCLK_Run1	9.9929	Pass	H:0.0071	N.A	10.0	mV	PassCount: 31 ClkPeriod: 8e-09 ClkPPM : 6.9962 FailCount : 9
COMMENTS							

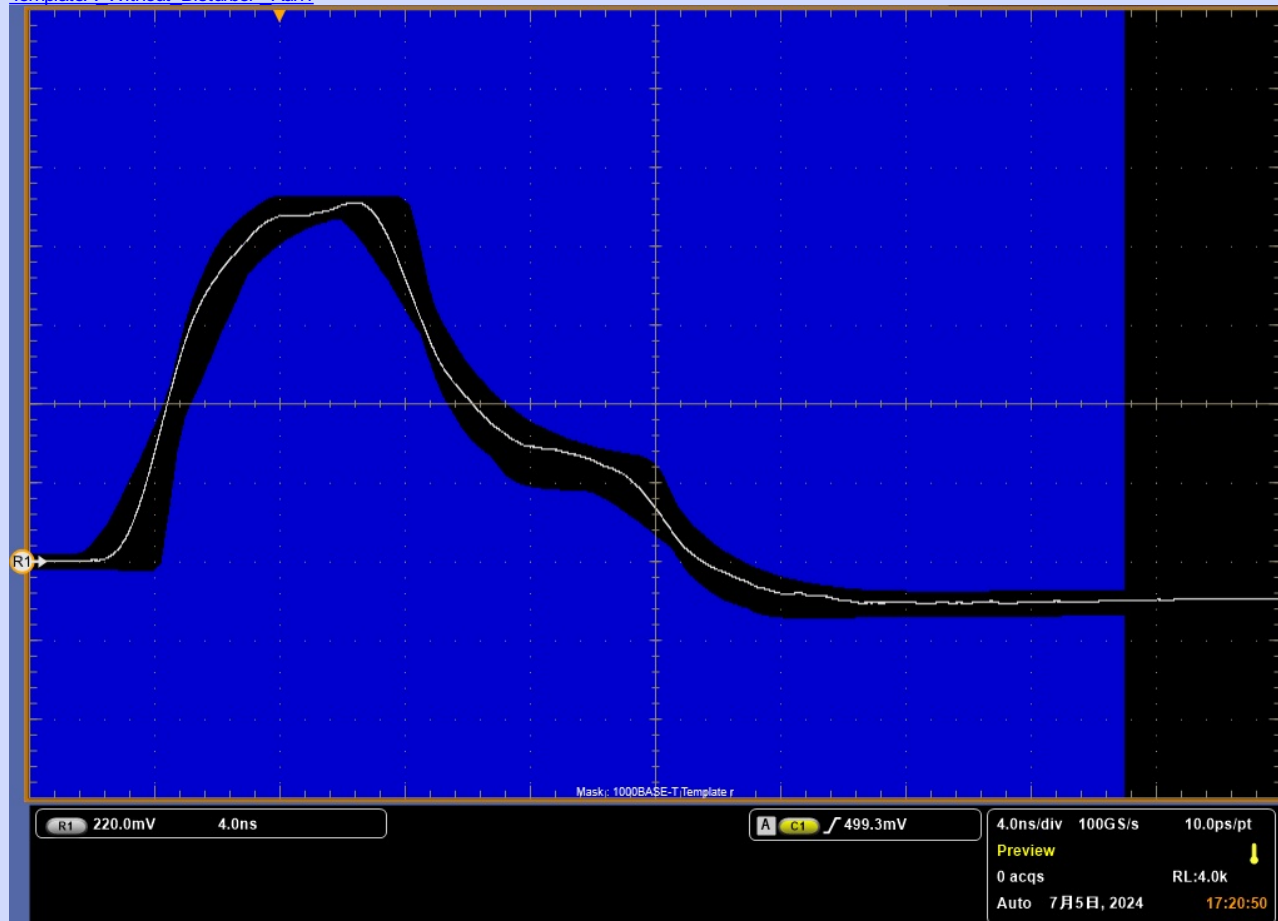
[Back to Summary Table](#)

CM Voltage							
Measurement Details	Measured Value	Test Result	Margin	Low Limit	High Limit	Units	Comments
CM.Voltage_Run1	37.6000	Pass	H:12.4000	N.A	50.0	mV	Filter Type : 1 MHz High Pass Positive Peak : 17.8 mV Negative Peak : - 19.8 mV
COMMENTS							

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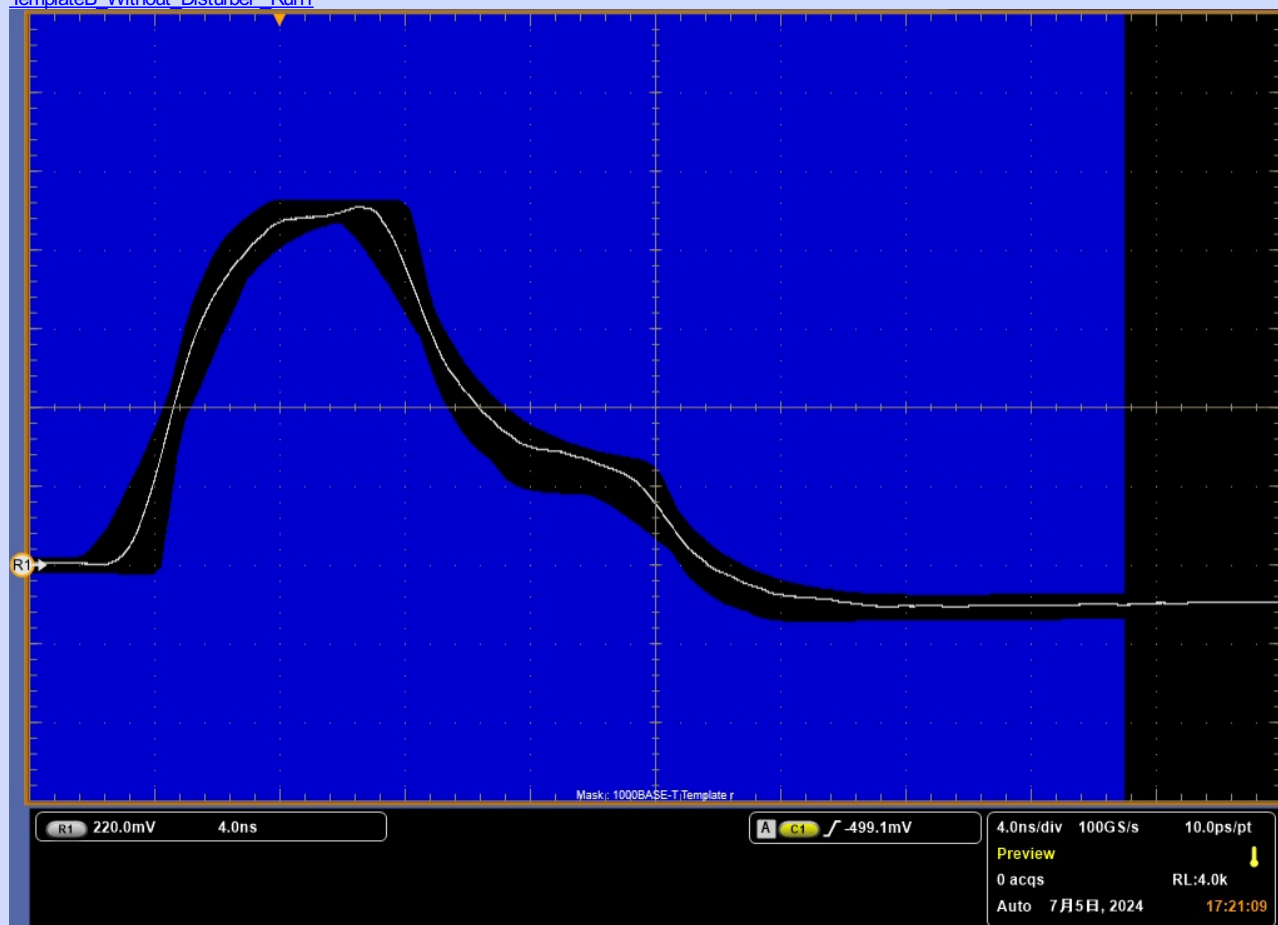
Template Point A							
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TemplateA Without Disturber Run1



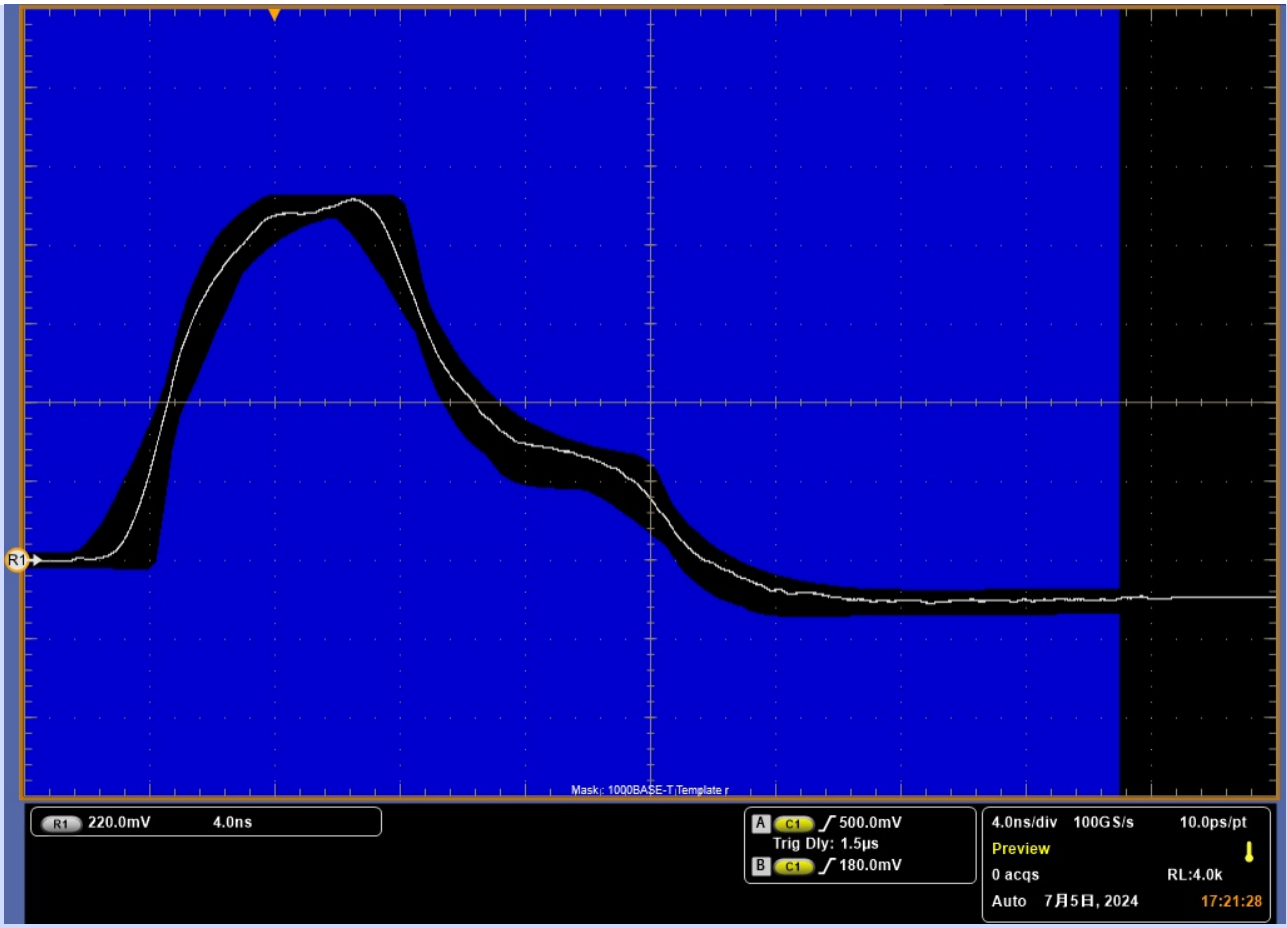
Template Point B

TemplateB Without Disturber Run1



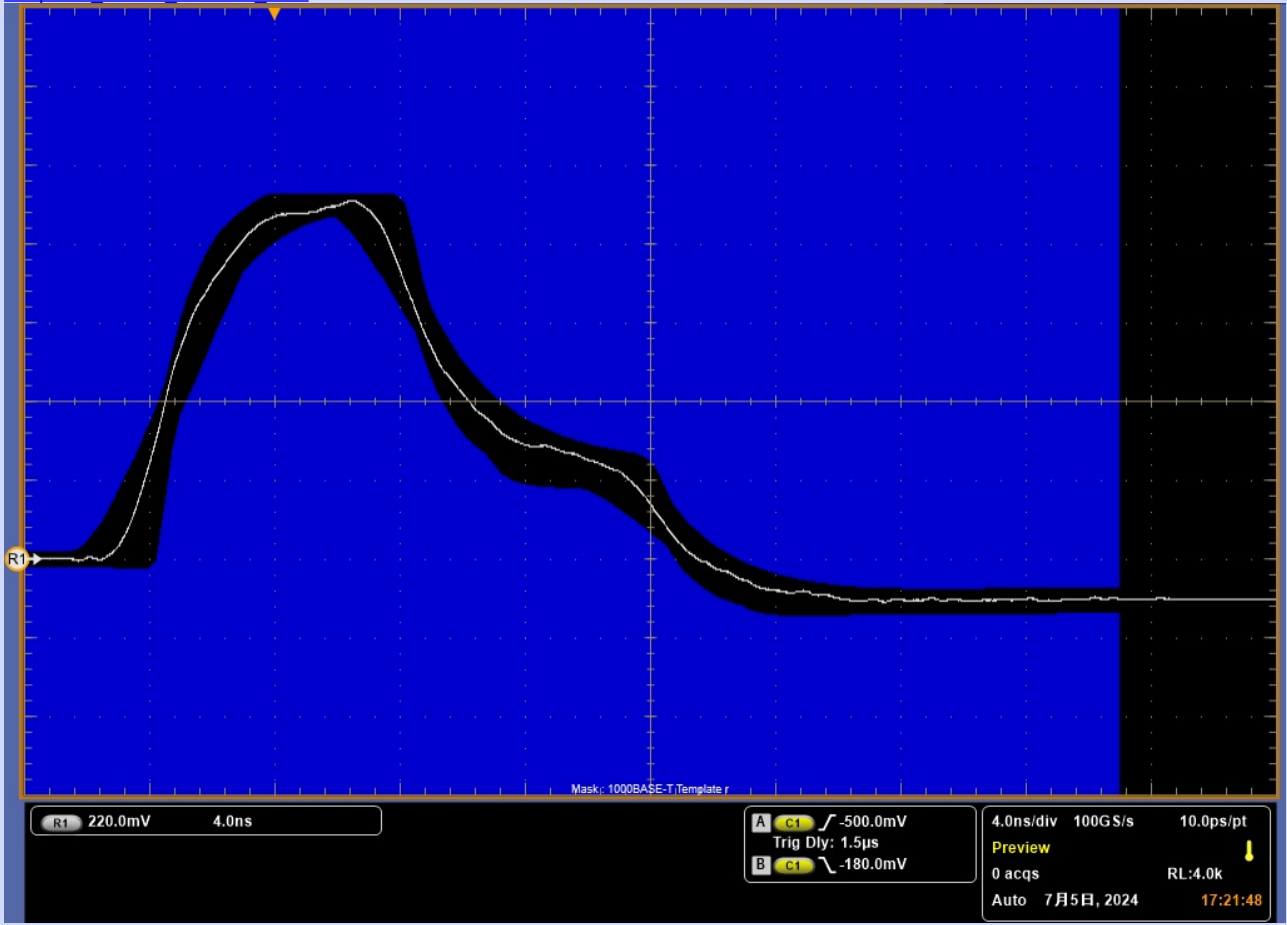
Template Point C

TemplateC Without Disturber Run1



Template Point D

TemplateD Without Disturber_Run1



Template Point F

TemplateF Without Disturber_Run1



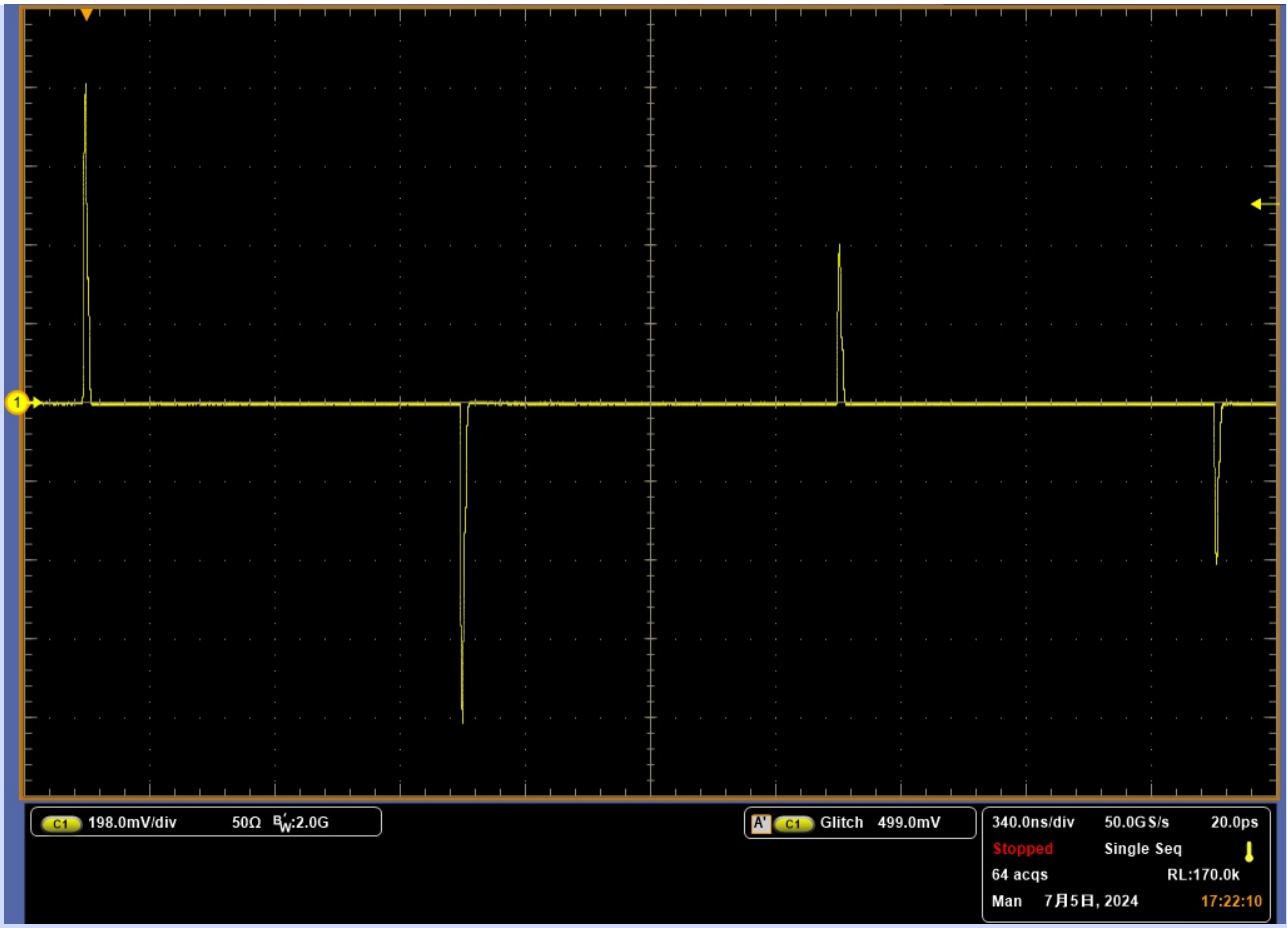
Template Point H

TemplateH Without Disturber_Run1



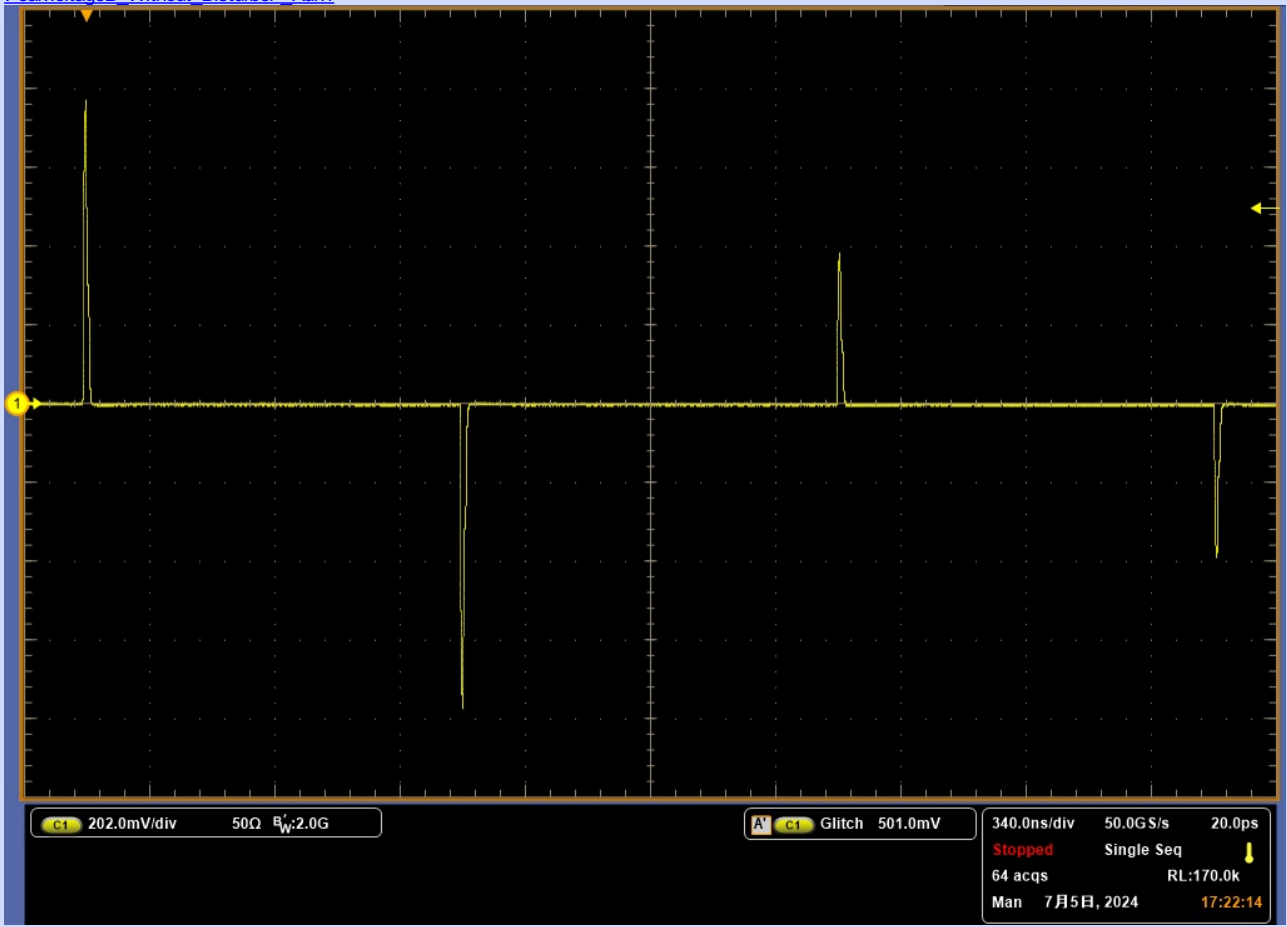
Peak Point A

PeakvoltageA Without Disturber_Run1



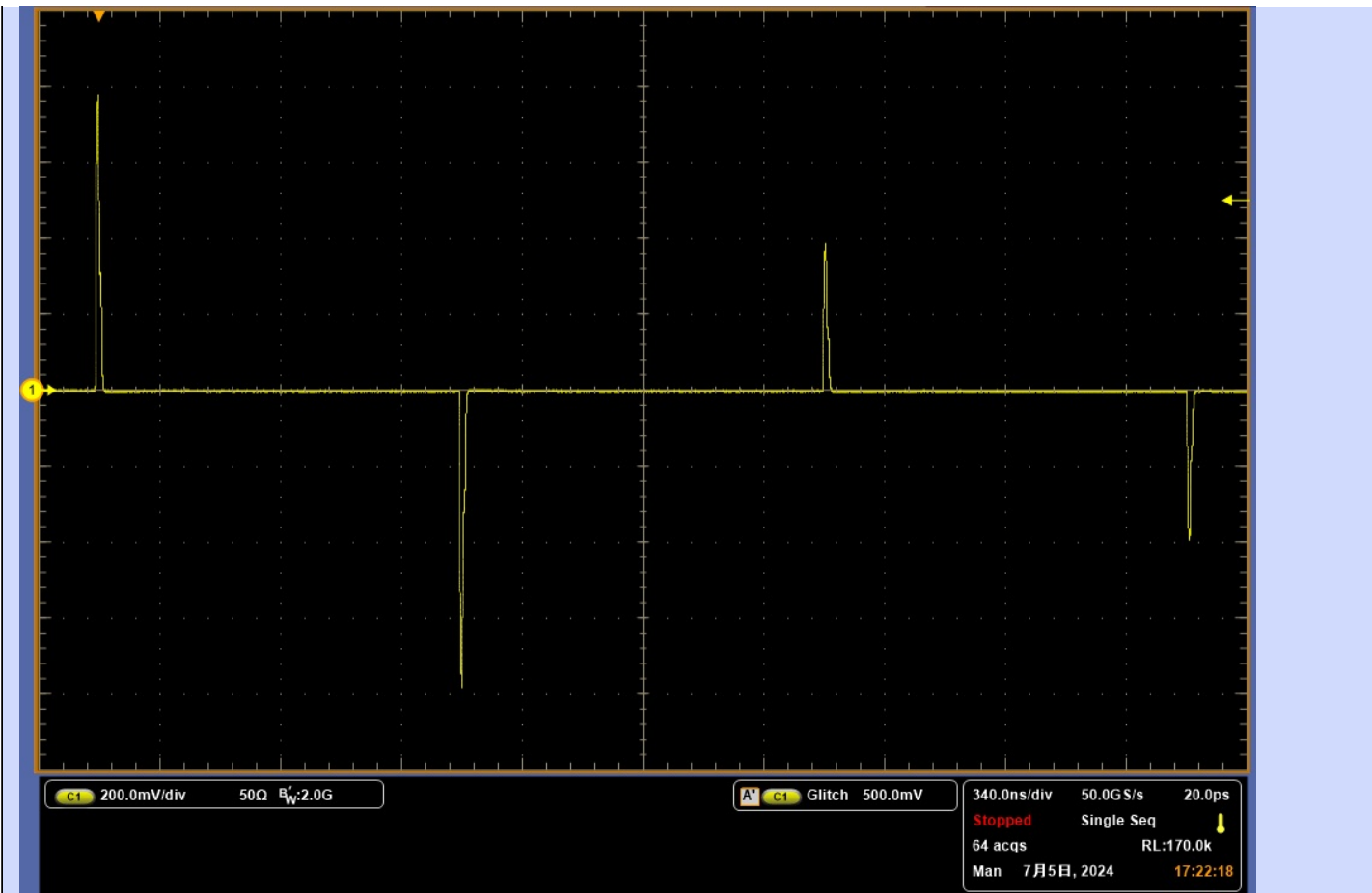
Peak Point B

PeakvoltageB_Without_Disturber_Run1



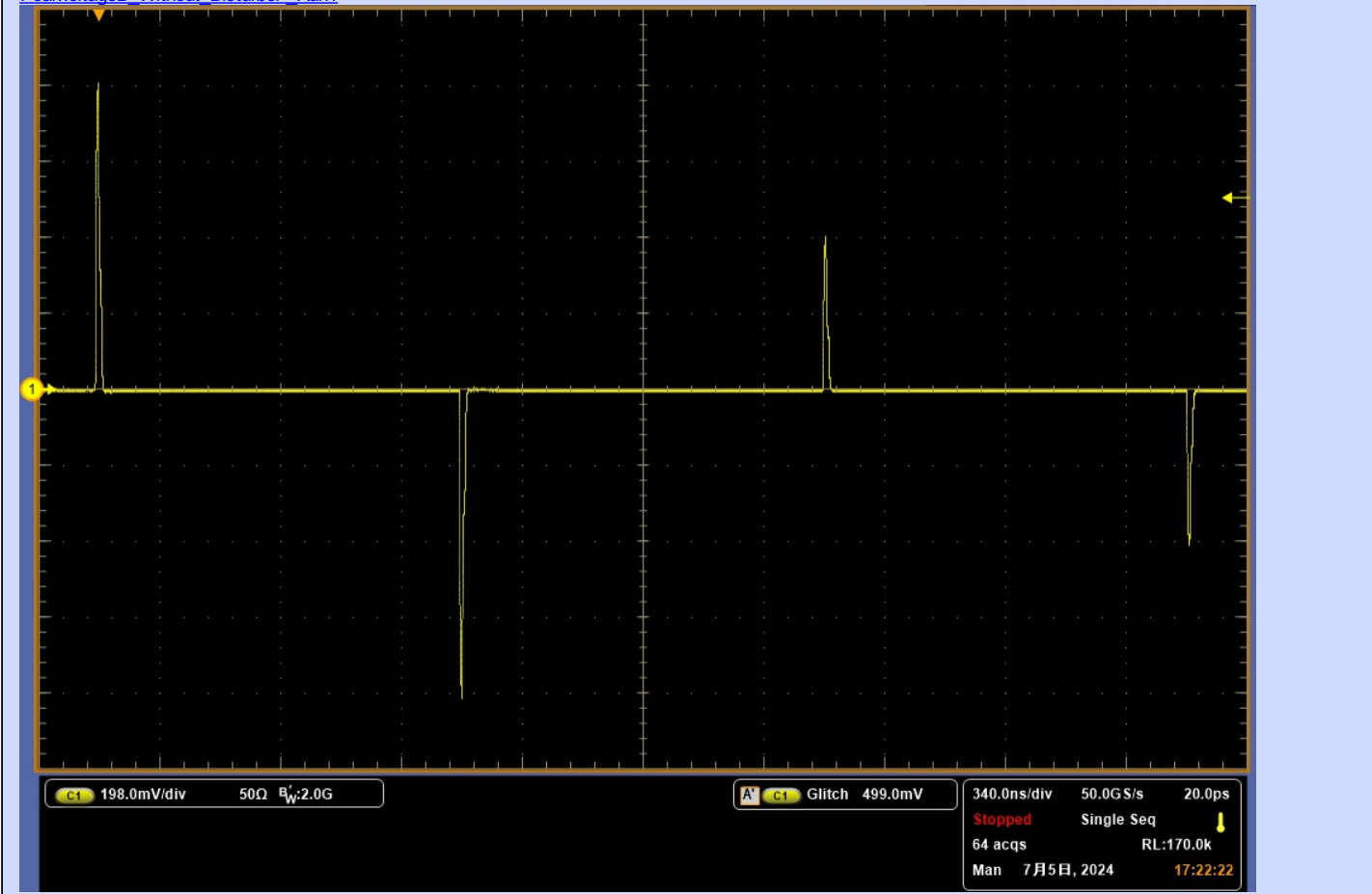
Peak Point C

PeakvoltageC_Without_Disturber_Run1



Peak Point D

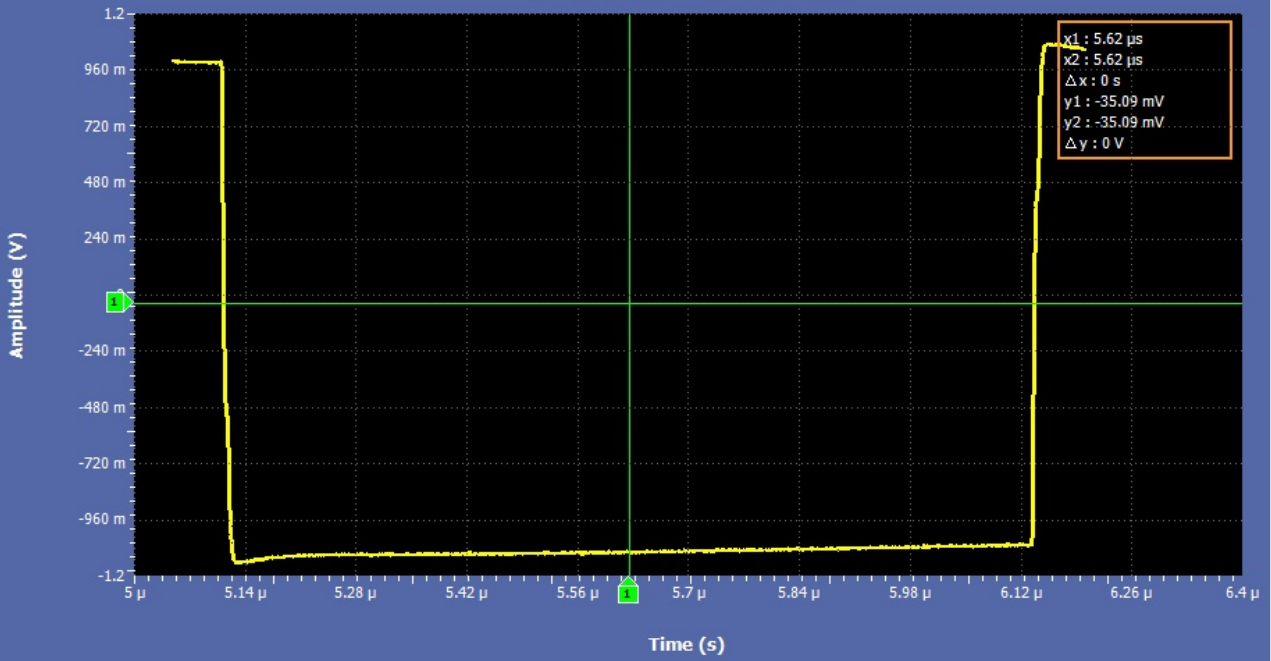
PeakvoltageD_Without_Disturber_Run1



Droop Point G

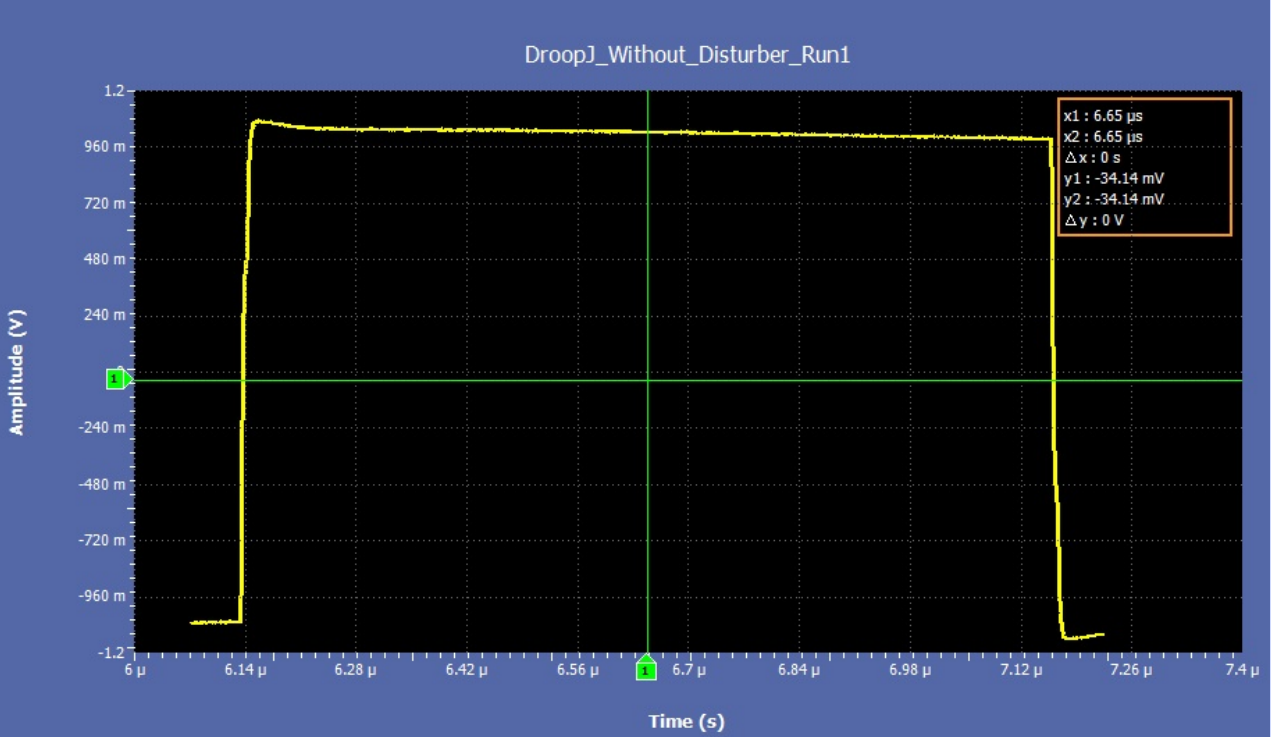
DroopG_Without_Disturber_Run1

DroopG_Without_Disturber_Run1



Droop Point J

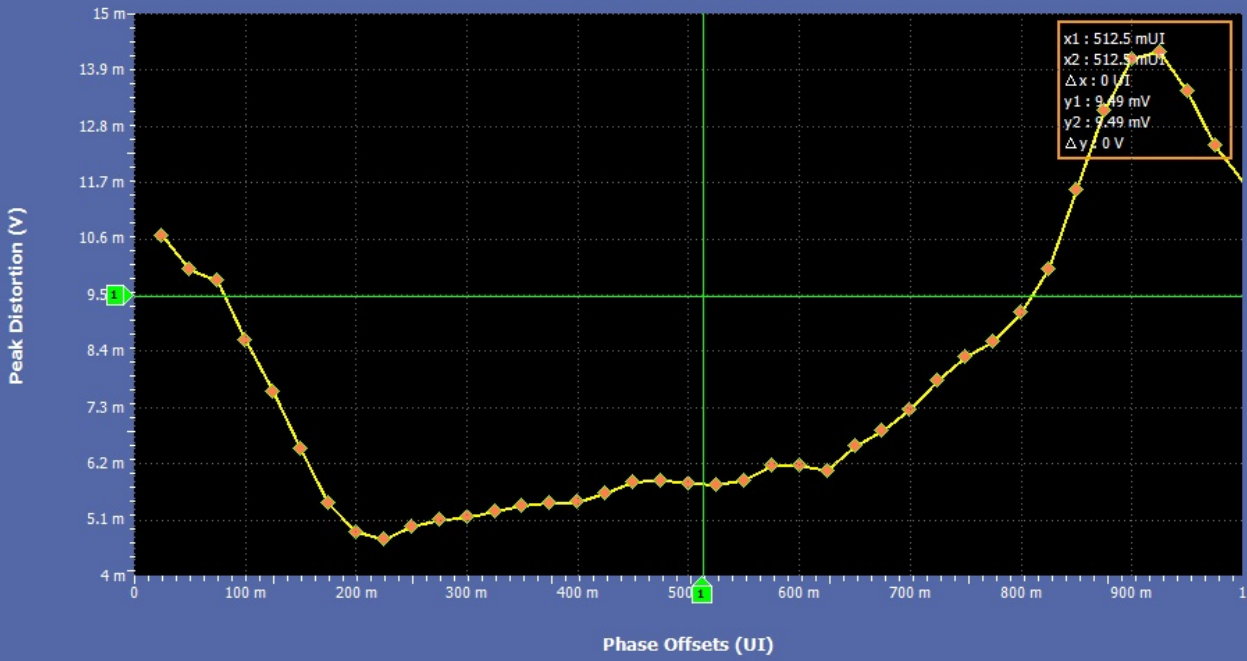
DroopJ_Without_Disturber_Run1



Transmitter Distortion Without TX_TCLK

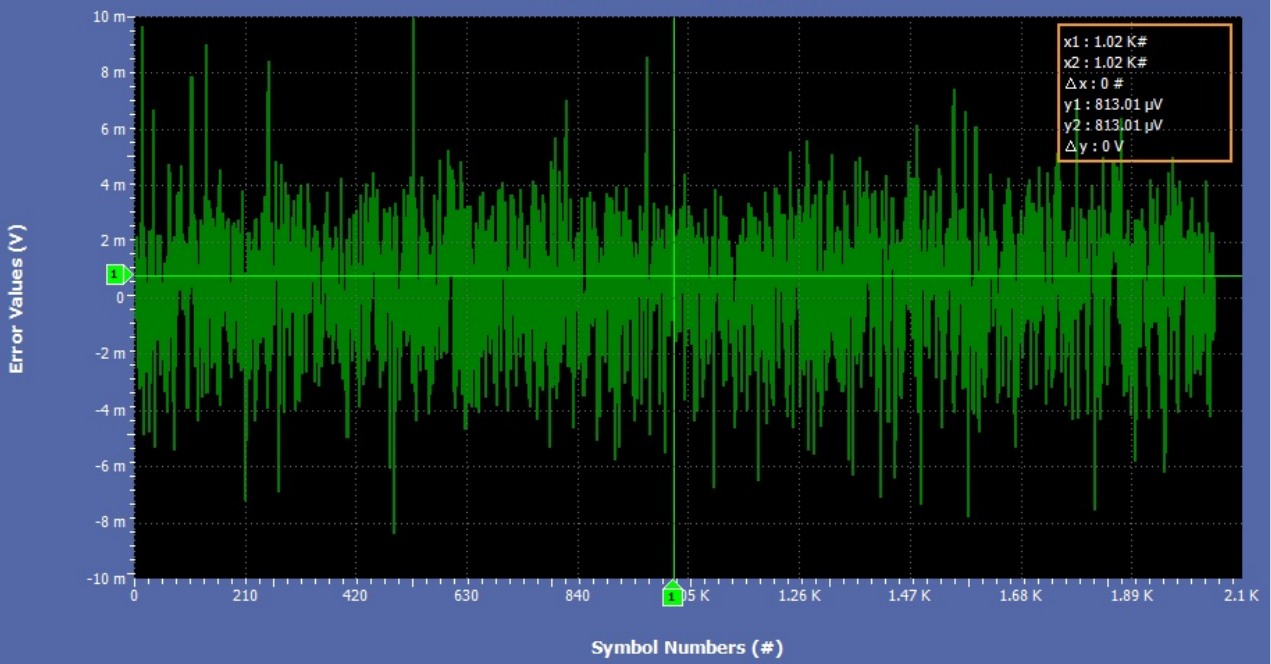
Peak Distortion vs Phase offset_Run1

Peak Distortion Vs Phase Offsets



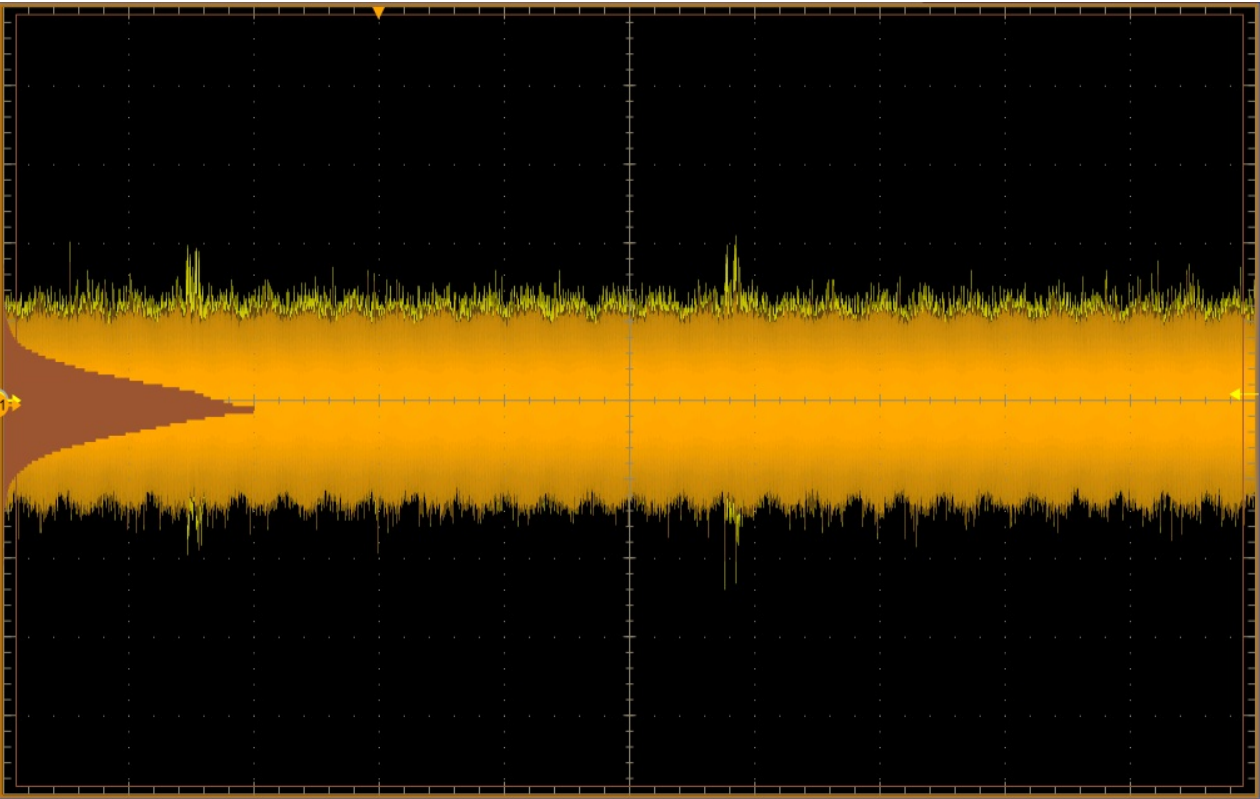
Error Values vs Symbols_Run1

Error Values Vs Symbol Numbers



CM Voltage

CM Voltage_Run1



C1 10.0mV Offset:400.0μV 50Ω BW:16.0G
M1 10.0mV 640.0μs

A' C1 1.2mV

640.0μs/div 625MS/s 1.6ns/
Stopped Single Seq
1 acqs RL:4.0M
Mon 7月5日, 2024 17:25:01