

Setup Information			
DUT ID	7206	Scope Information	MSO64B, C033281
Date/Time	2025-08-27 15:12:20	Scope F/W Version	1.34.9.73
Device Type	Ethernet	DATA Probe Model	TDP1500
TekExpress Ethernet Version	1.2.6.6	DATA Probe Serial Number	B044664
TekExpress Framework Version	4.17.0.58		
Execution Mode	Live		
Compliance Mode	True		
Overall Test Result	Pass		
Overall Execution Time	0:03:14		
DUT COMMENT:	General comment		

Test Name Summary Table	
AOI Template	Pass
Fall Time (Pos)	Pass
Fall Time (Neg)	Pass
Rise Time (Pos)	Pass
Rise Time (Neg)	Pass
RF Symmetry (Pos)	Pass
RF Symmetry (Neg)	Pass
RF Symmetry (Max-Min)	Pass
Overshoot (Pos)	Pass
Overshoot (Neg)	Pass
Differential Output Voltage (Pos)	Pass
Differential Output Voltage (Neg)	Pass
Amplitude Symmetry	Pass
Jitter (Pos)	Pass
Jitter (Neg)	Pass
Duty Cycle Distortion	Pass

AOI Template									
Measurement Details		Iteration	Measured Value	Test Result	Margin	Low Limit	High Limit	Units	Comments
AOI_Template		1	0	Pass	H:1	N.A	1	Hits	No Hits
COMMENTS		Mask Scale :Normal							
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Fall Time (Pos)									
Measurement Details		Iteration	Measured Value	Test Result	Margin	Low Limit	High Limit	Units	Comments
Fall_Time_Pos		1	4.0380	Pass	L:1.0380 H:0.9620	3	5	ns	None
COMMENTS									

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Fall Time (Neg)								
Measurement Details	Iteration	Measured Value	Test Result	Margin	Low Limit	High Limit	Units	Comments
Fall Time Neg	1	4.0529	Pass	L:1.0529 H:0.9471	3	5	ns	None
COMMENTS								

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Rise Time (Pos)								
Measurement Details	Iteration	Measured Value	Test Result	Margin	Low Limit	High Limit	Units	Comments
Rise_Time_Pos	1	4.0613	Pass	L:1.0613 H:0.9387	3	5	ns	None
COMMENTS								

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Rise Time (Neg)								
Measurement Details	Iteration	Measured Value	Test Result	Margin	Low Limit	High Limit	Units	Comments
Rise_Time_Neg	1	4.0889	Pass	L:1.0889 H:0.9111	3	5	ns	None
COMMENTS								

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RF Symmetry (Pos)									
Measurement Details		Iteration	Measured Value	Test Result	Margin	Low Limit	High Limit	Units	Comments
RF_Symmetry_Pos		1	105.3268	Pass	H:394.6732	N.A	500.0	ps	RiseTime:4.04ns FallTime:3.94ns
COMMENTS									
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RF Symmetry (Neg)								
Measurement Details	Iteration	Measured Value	Test Result	Margin	Low Limit	High Limit	Units	Comments
RF_Symmetry_Neg	1	78.5402	Pass	H:421.4598	N.A	500.0	ps	RiseTime:3.98ns FallTime:4.06ns
COMMENTS								
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RF Symmetry (Max-Min)								
Measurement Details	Iteration	Measured Value	Test Result	Margin	Low Limit	High Limit	Units	Comments
RF_Symmetry_MaxMin	1	138.0400	Pass	H:361.9600	N.A	500.0	ps	RiseTimePositive: 4.053ns FallTimePositive:4.009ns RiseTimeNegative: 4.021ns FallTimeNegative:4.147ns
COMMENTS								

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Overshoot (Pos)									
Measurement Details	Iteration	Measured Value	Test Result	Margin	Low Limit	High Limit	Units	Comments	
Overshoot Pos	1	0.0246	Pass	H:4.0754	N.A	5.0	%	MeanVoltage: 0.999V OvershootVoltage: 0.999V	

Overshoot_Pos	1	0.0240	Pass	H:4.9734	N.A	0.0	70	BaseLineVoltage: 0.378mV
COMMENTS								

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Overshoot (Neg)								
Measurement Details	Iteration	Measured Value	Test Result	Margin	Low Limit	High Limit	Units	Comments
Overshoot_Neg	1	0.3658	Pass	H:4.6342	N.A	5.0	%	MeanVoltage: -1.00V OvershootVoltage: -1.01V BaseLineVoltage: -9.09mV
COMMENTS								

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Differential Output Voltage (Pos)								
Measurement Details	Iteration	Measured Value	Test Result	Margin	Low Limit	High Limit	Units	Comments
Differential_Output_Voltage_Pos	1	0.9978	Pass	L:0.0478 H:0.0522	0.95	1.05	V	MeanVoltage: 0.999V BaseLineVoltage: 0.761mV
COMMENTS								

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Differential Output Voltage (Neg)								
Measurement Details	Iteration	Measured Value	Test Result	Margin	Low Limit	High Limit	Units	Comments
Differential_Output_Voltage_Neg	1	-0.9955	Pass	L:0.0545 H:0.0455	-1.05	-0.95	V	MeanVoltage: -1.00V BaseLineVoltage: -6.55mV
COMMENTS								

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Amplitude Symmetry								
Measurement Details	Iteration	Measured Value	Test Result	Margin	Low Limit	High Limit	Units	Comments
Amplitude_Symmetry	1	1.0030	Pass	L:0.0230 H:0.0170	0.98	1.02		MeanVoltagePos : 0.998V MeanVoltageNeg: -1.0V BaseLineVoltagePos: 1.7mV BaseLineVoltageNeg: -7.89mV
COMMENTS								

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Jitter (Pos)								
Measurement Details	Iteration	Measured Value	Test Result	Margin	Low Limit	High Limit	Units	Comments
Jitter_Pos	1	1.1900	Pass	H:0.2100	N.A	1.4	ns	Jitter Peak-to-Peak Positive:1.190 Jitter RMS Positive:0.200 Jitter Peak-to-Peak Negative:1.160 Jitter RMS Negative:0.200
COMMENTS	Measured value is in Peak-to-Peak							

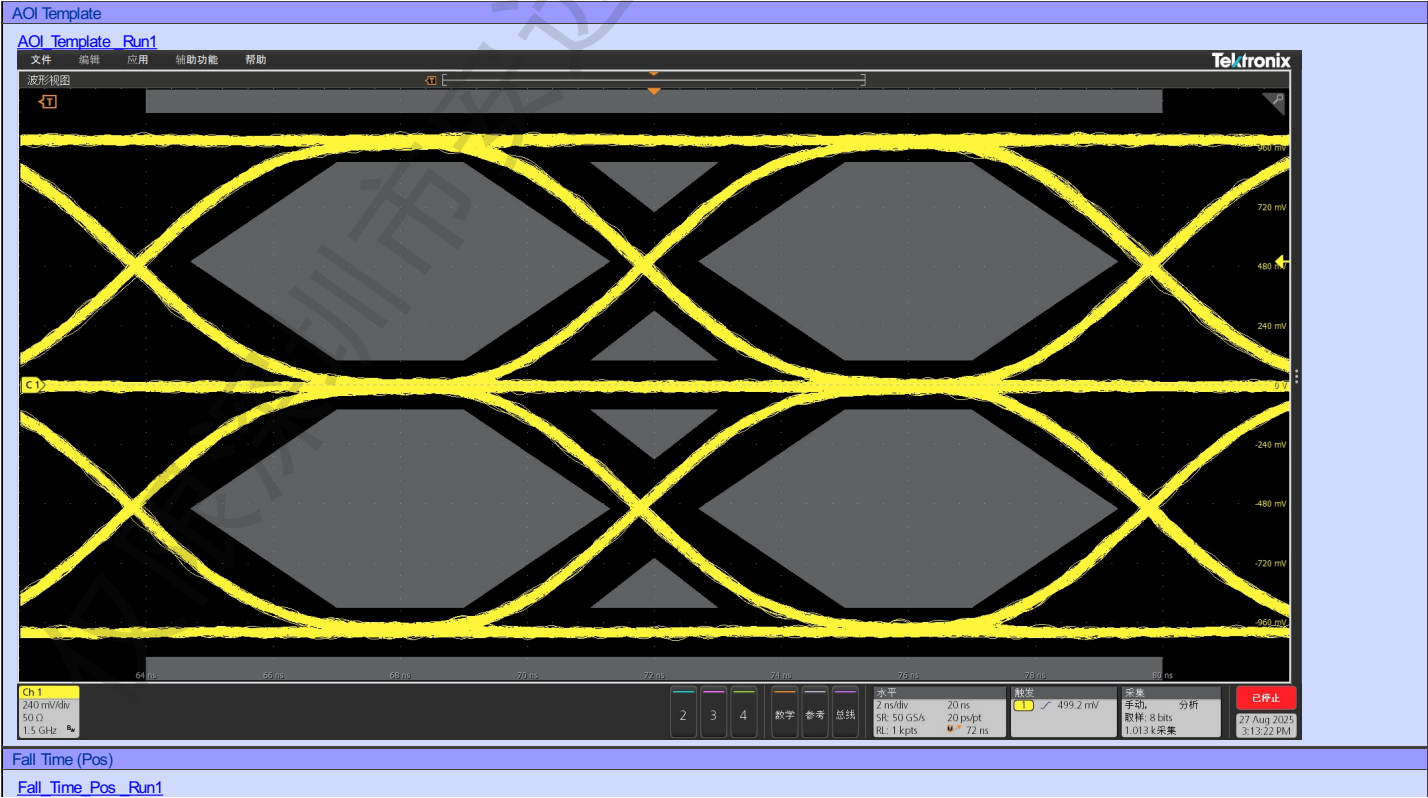
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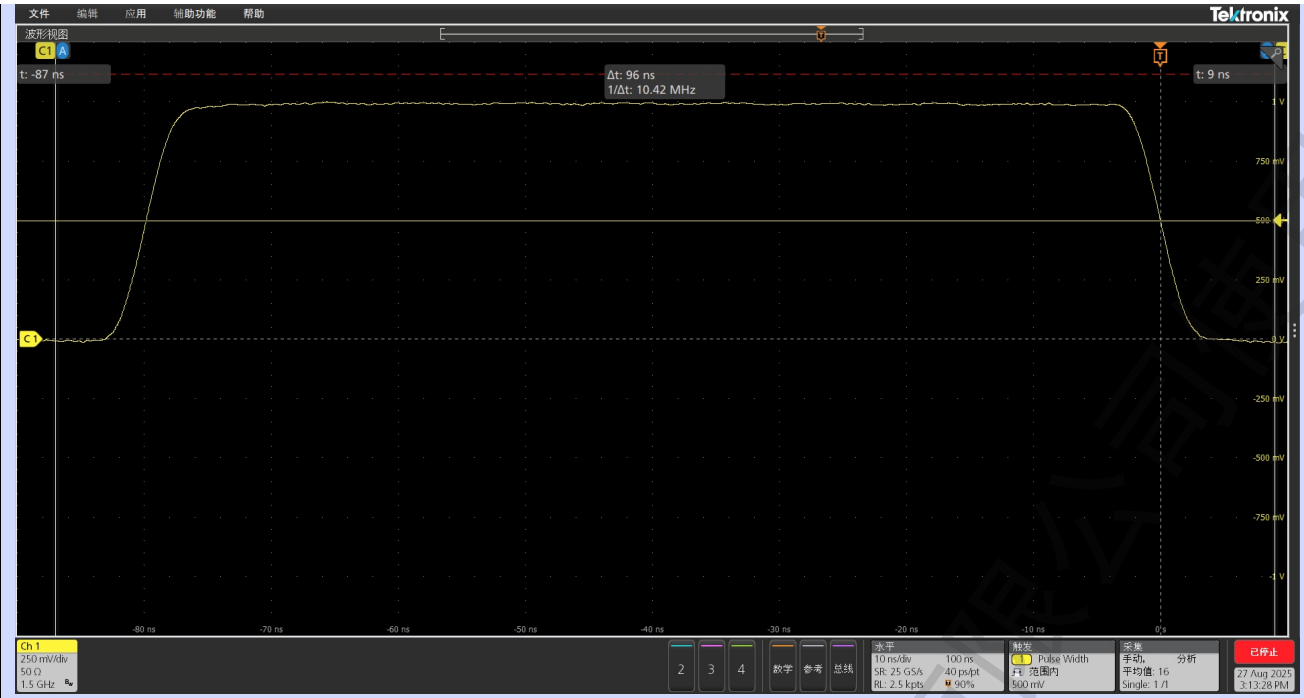
Jitter (Neg)								
Measurement Details	Iteration	Measured Value	Test Result	Margin	Low Limit	High Limit	Units	Comments
Jitter_Neg	1	1.1300	Pass	H:0.2700	N.A	1.4	ns	Jitter Peak-to-Peak Positive:1.150 Jitter RMS Positive:0.200 Jitter Peak-to-Peak Negative:1.130 Jitter RMS Negative:0.200
COMMENTS	Measured value is in Peak-to-Peak							

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Duty Cycle Distortion								
Measurement Details	Iteration	Measured Value	Test Result	Margin	Low Limit	High Limit	Units	Comments
Duty_Cycle_Distortion	1	92.0700	Pass	H:407.9300	N.A	500	ps	T1:76.730 T2:43.360 T3:28.020 T4:92.070 T5:15.340 T6:48.710
COMMENTS								

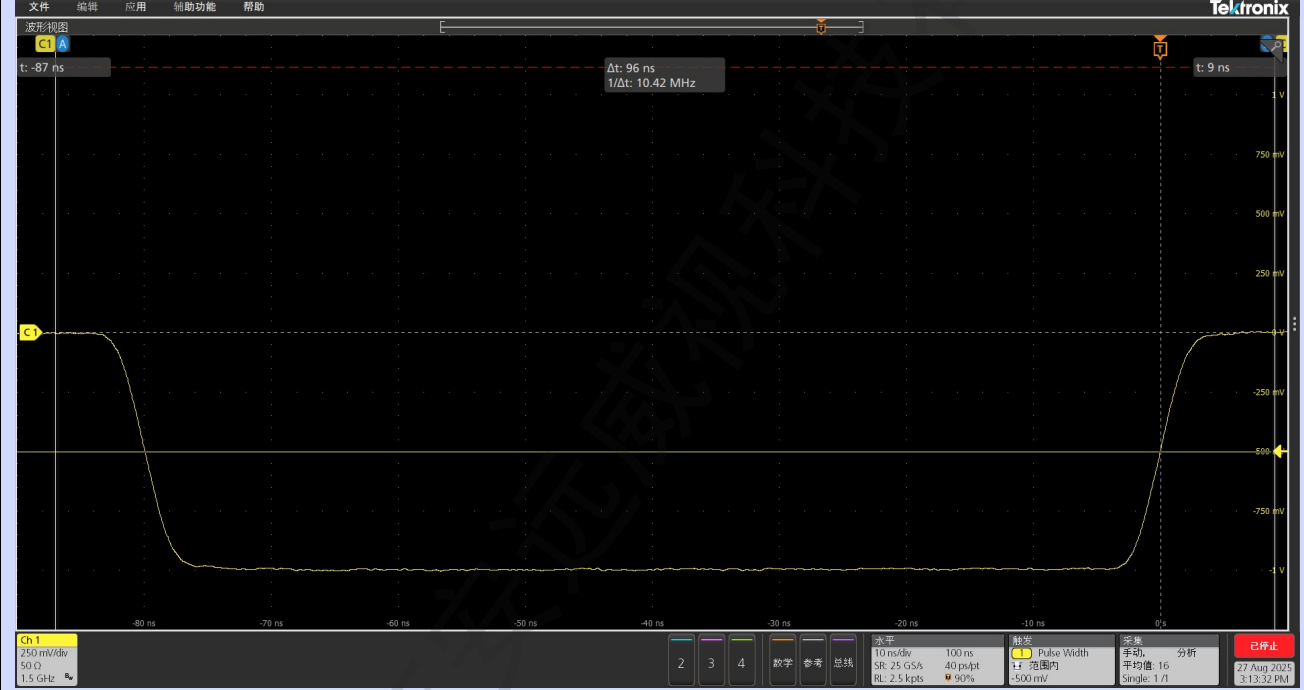
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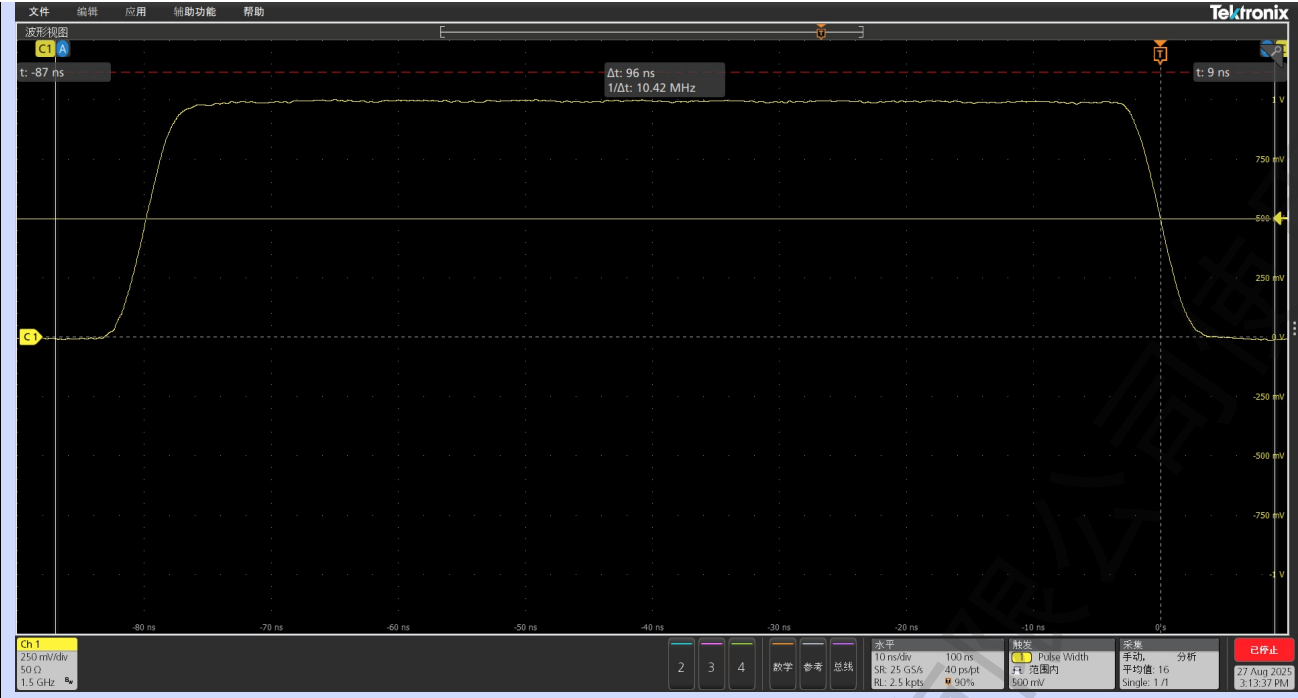
Fall Time (Neg)

Fall Time Neg Run1



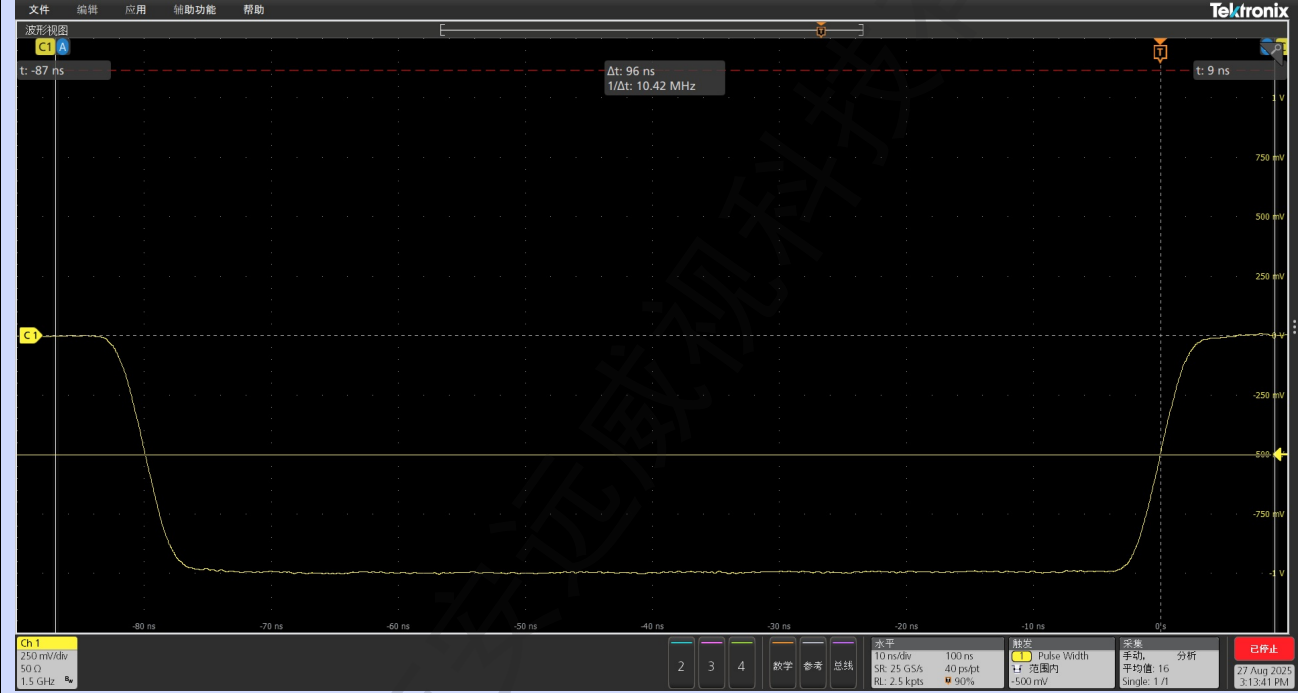
Rise Time (Pos)

Rise Time Pos Run1



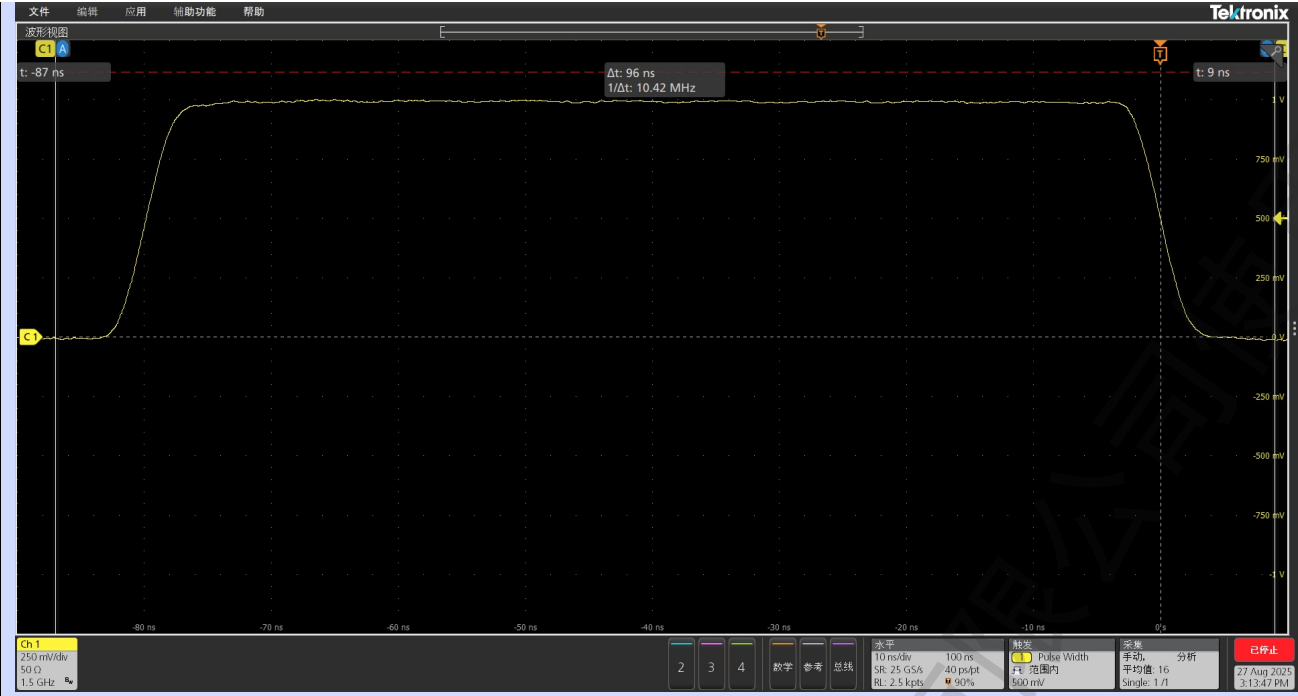
Rise Time (Neg)

Rise Time Neg Run1



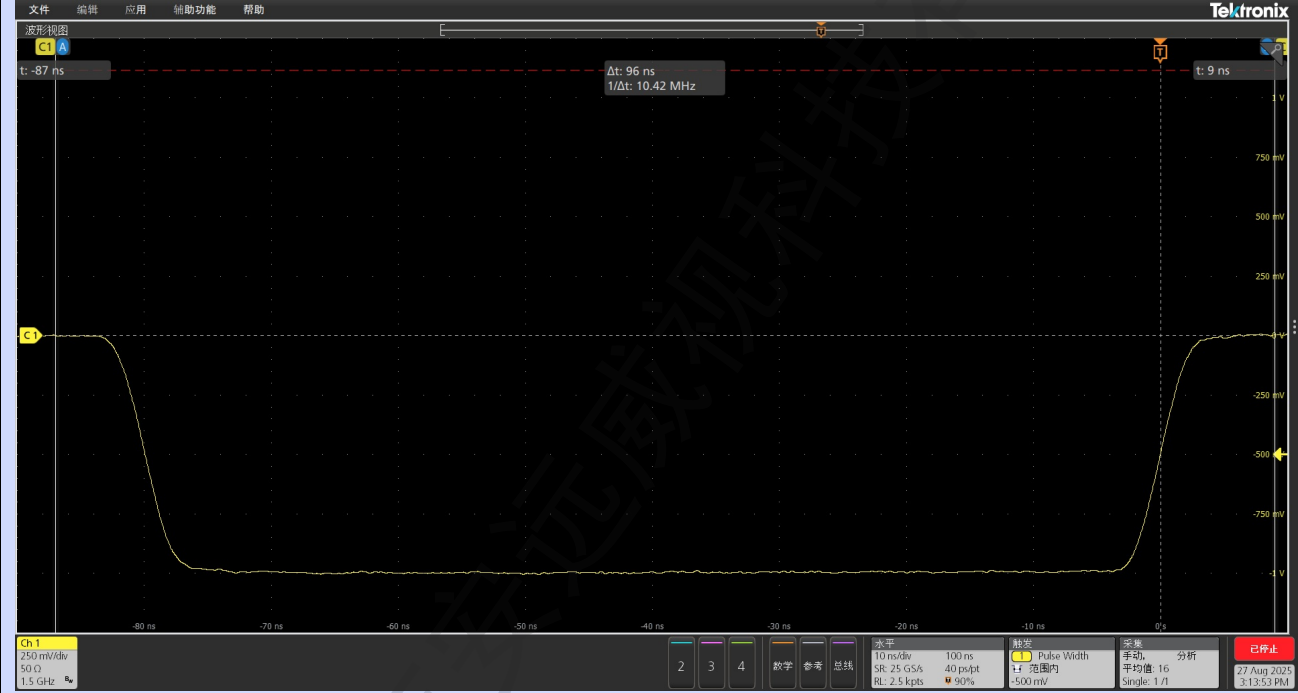
RF Symmetry (Pos)

RF_Symmetry_Pos_Run1



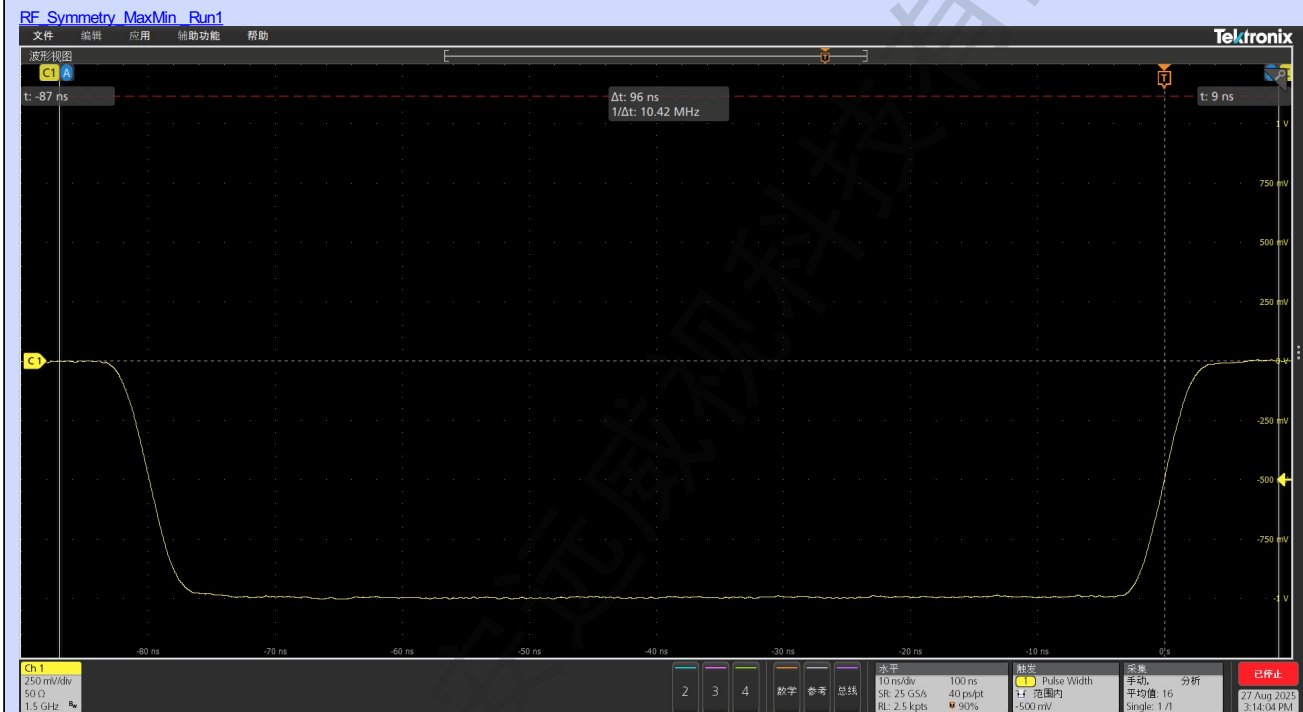
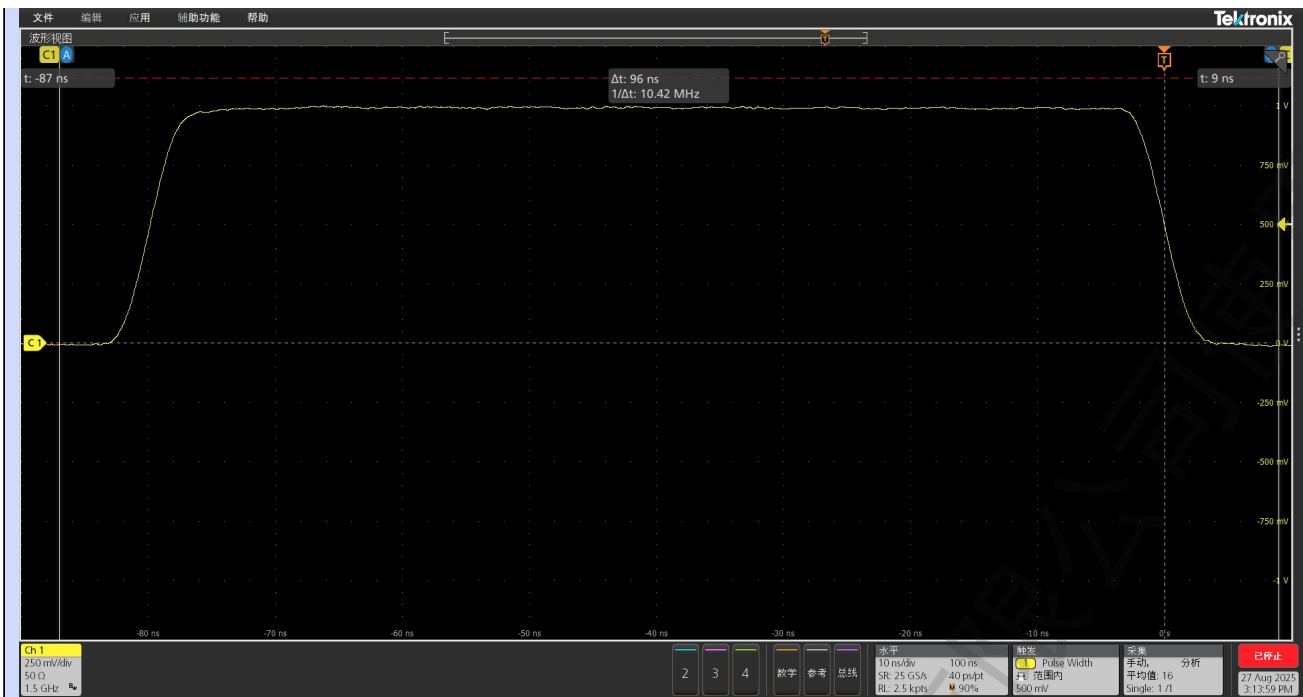
RF Symmetry (Neg)

RF Symmetry Neg Run1



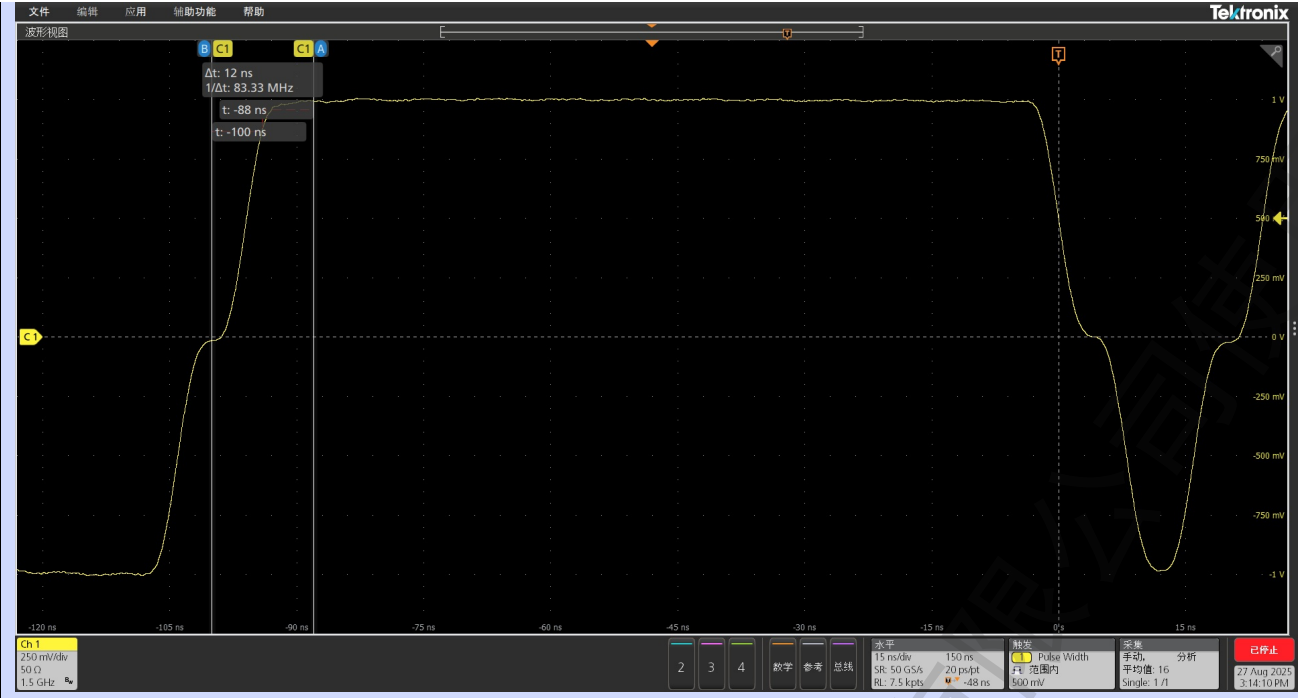
RF Symmetry (Max-Min)

RF_Symmetry_MaxMin_Run1



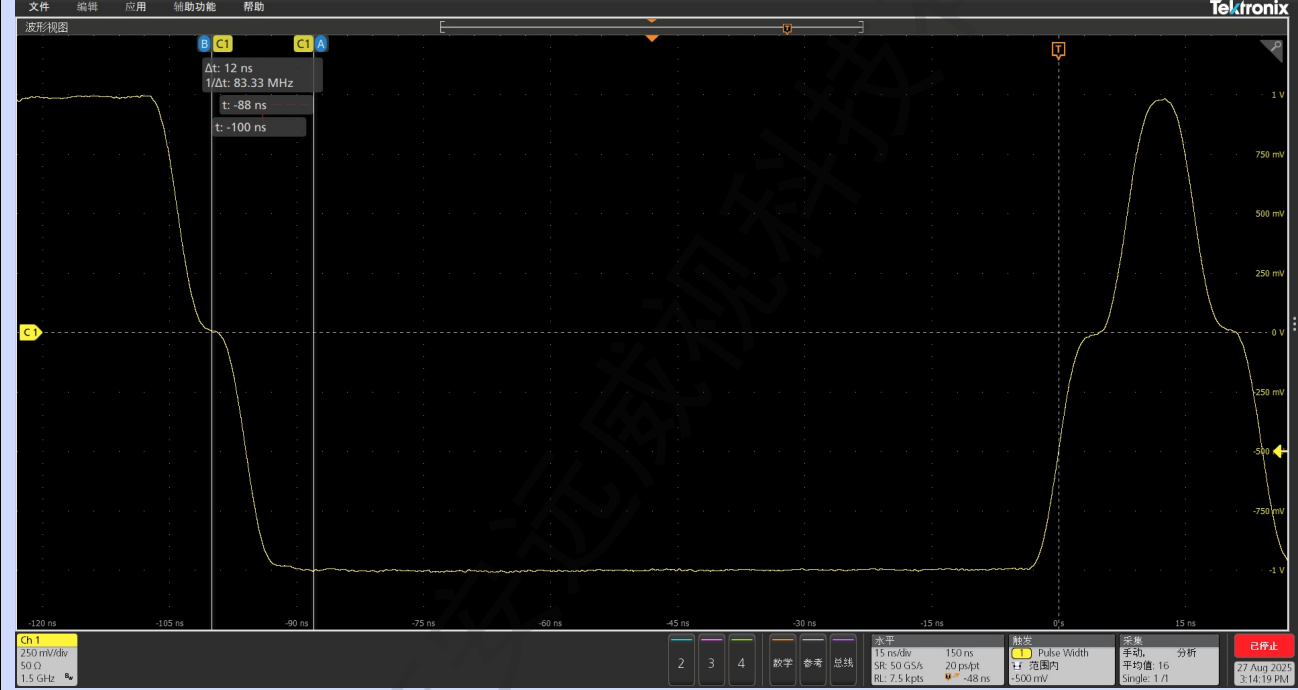
Overshoot (Pos)

Overshoot_Pos_Run1



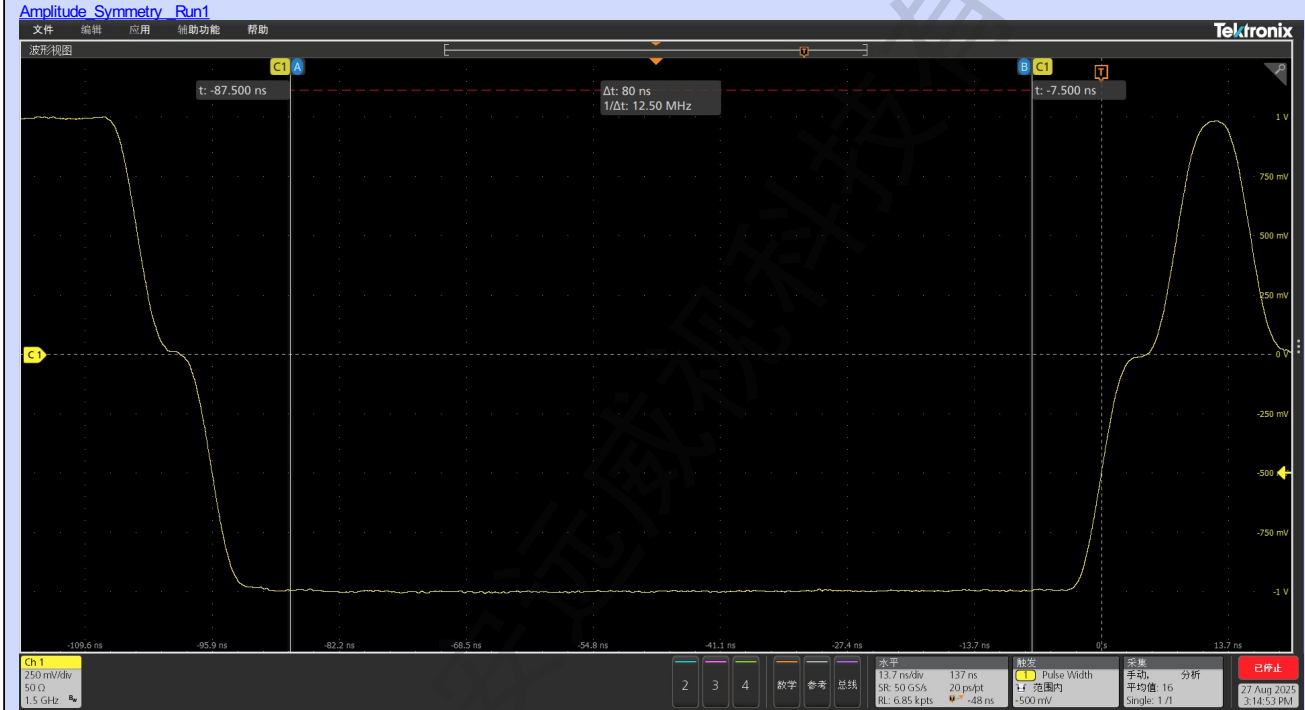
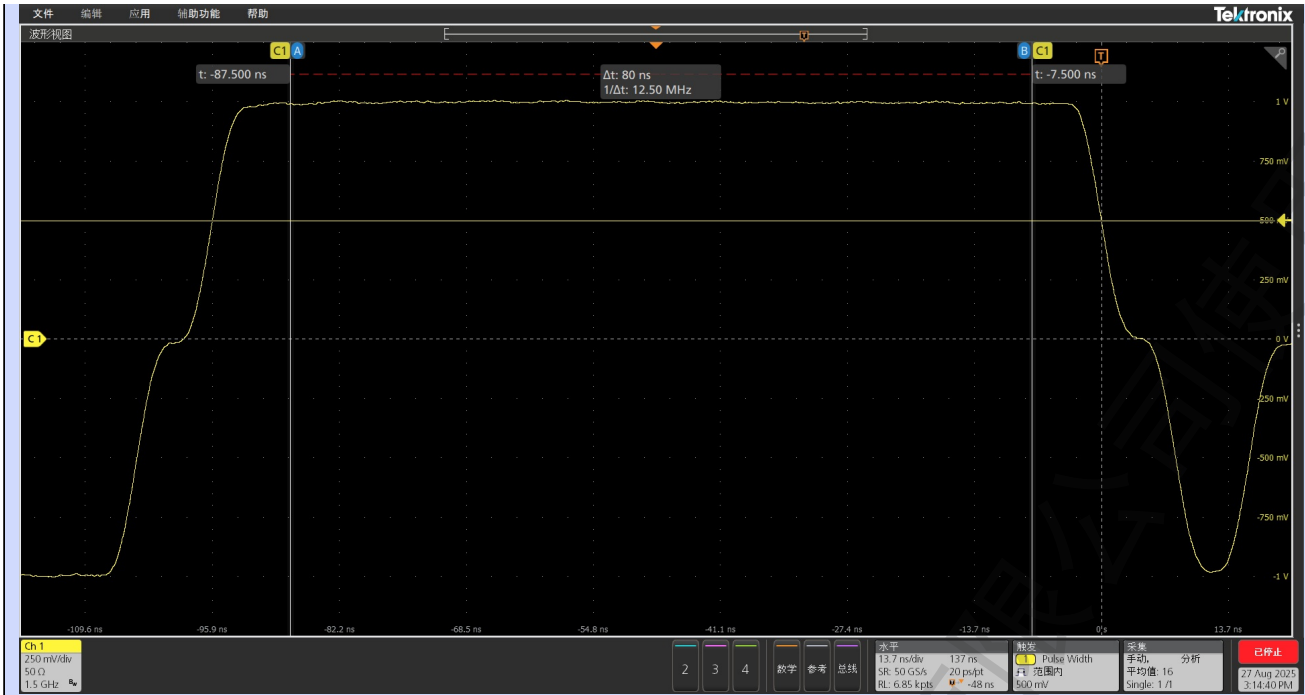
Overshoot (Neg)

Overshoot Neg_Run1



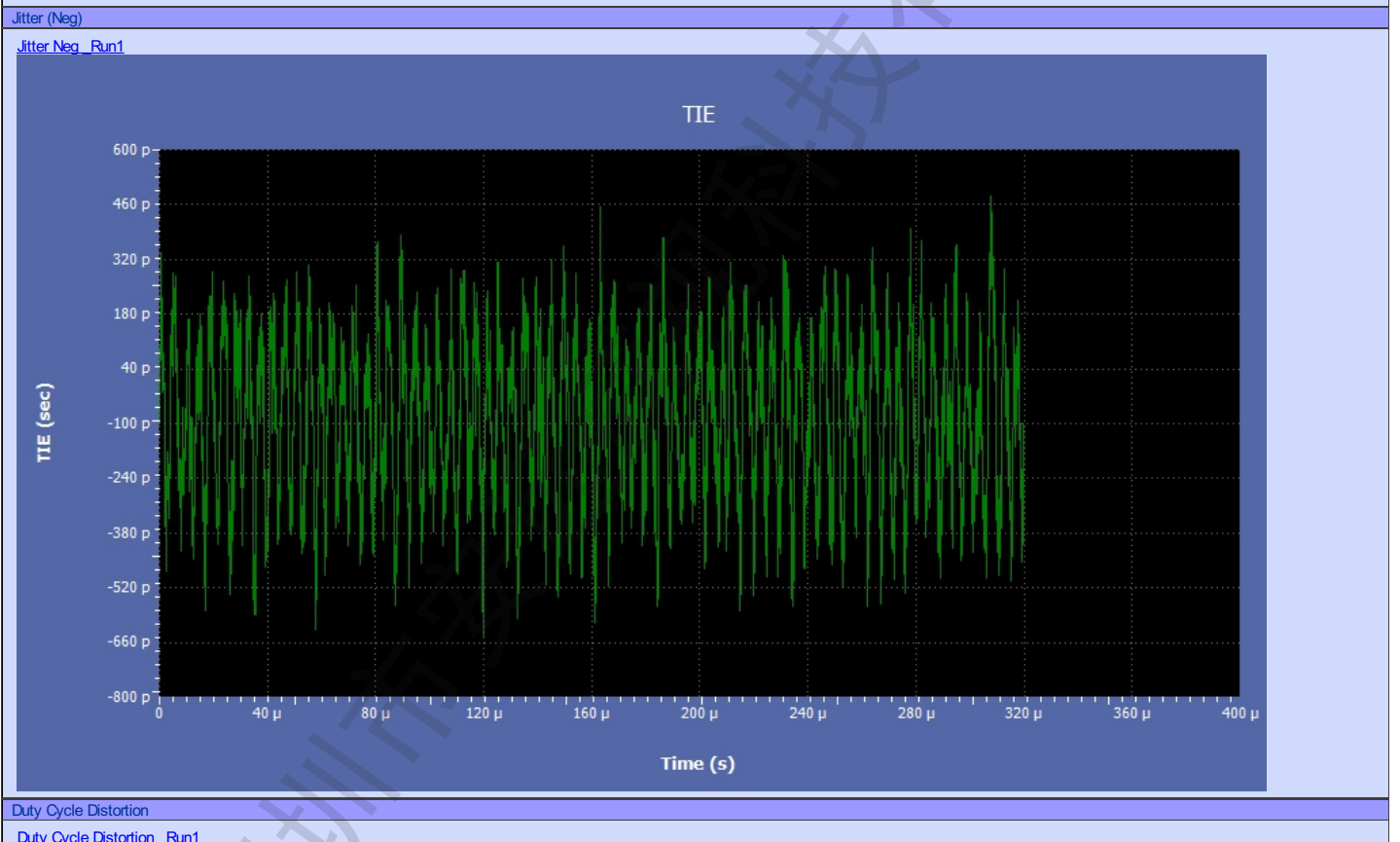
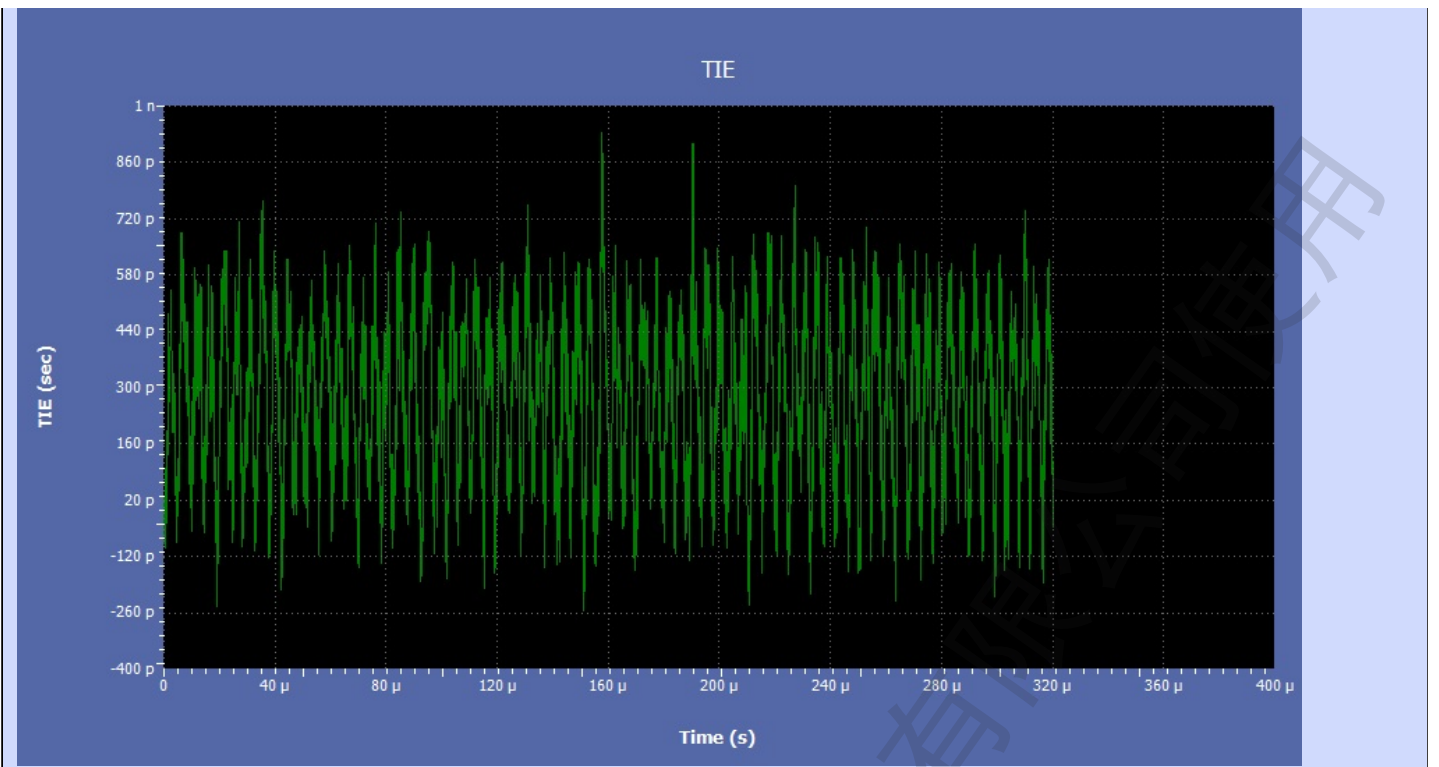
Differential Output Voltage (Pos)

Differential_Output_Voltage_Pos_Run1



Jitter (Pos)

Jitter Pos Run1



Duty Cycle Distortion

Duty Cycle Distortion_Run1

