

10/100/1000 Base-T Test Report

Overall result: Pass

DUT: dummy
Comment:
Time of session start: 11/14/2023 10:29:39
Operator: test user
Temperature: 25° C
Standard in use: 10/100/1000 Base-T

Session ID: 115, Continuation #: 1:

Time of run: 2023/11/14 10:29:44
Configuration in use: 1000BASE-T No Disturber No TX_TCLK (Copy)
Limits in use: Default
Oscilloscope Name: LCRY0427N50357 Model: SDA816ZI
Oscilloscope Serial #: LCRY0427N50357
Computer: LCRY0427N50357
Oscilloscope firmware version: 10.3.0.2 (Build 372273)
QualiPHY core version: 10.3.0.3 (Build 369776)

QualiPHY script version: 10.3.0.3
Stylesheet version: 1.2.0.8

Summary Table

[Hide Table]

Pass #	Test	Measurement	Current Value	Test Criteria	
✓	1	40.6.1.2.1	Peak A (Pair A)	692.51 mV	x = 745.00 mV +/- 75.00 mV
✓	1	40.6.1.2.1	Peak B (Pair A)	685.56 mV	x = 745.00 mV +/- 75.00 mV
✓	1	40.6.1.2.1	Peak A vs Peak B (Pair A)	504 m%	-1.000 % < x < 1.000 %
✓	1	40.6.1.2.1	Peak C (Pair A)	-256 m%	-2.000 % < x < 2.000 %
✓	1	40.6.1.2.1	Peak D (Pair A)	-139 m%	-2.000 % < x < 2.000 %
✓	1	40.6.1.2.2	Droop FG (Pair A)	95.4 %	x > 73.1 %
✓	1	40.6.1.2.2	Droop HJ (Pair A)	96.0 %	x > 73.1 %
✓	1	40.6.1.2.1	Peak A (Pair B)	690.33 mV	x = 745.00 mV +/- 75.00 mV
✓	1	40.6.1.2.1	Peak B (Pair B)	690.71 mV	x = 745.00 mV +/- 75.00 mV
✓	1	40.6.1.2.1	Peak A vs Peak B (Pair B)	-27 m%	-1.000 % < x < 1.000 %
✓	1	40.6.1.2.1	Peak C (Pair B)	65 m%	-2.000 % < x < 2.000 %
✓	1	40.6.1.2.1	Peak D (Pair B)	233 m%	-2.000 % < x < 2.000 %
✓	1	40.6.1.2.2	Droop FG (Pair B)	96.3 %	x > 73.1 %
✓	1	40.6.1.2.2	Droop HJ (Pair B)	96.6 %	x > 73.1 %
✓	1	40.6.1.2.1	Peak A (Pair C)	693.99 mV	x = 745.00 mV +/- 75.00 mV
✓	1	40.6.1.2.1	Peak B (Pair C)	698.10 mV	x = 745.00 mV +/- 75.00 mV
✓	1	40.6.1.2.1	Peak A vs Peak B (Pair C)	-295 m%	-1.000 % < x < 1.000 %
✓	1	40.6.1.2.1	Peak C (Pair C)	-217 m%	-2.000 % < x < 2.000 %
✓	1	40.6.1.2.1	Peak D (Pair C)	-140 m%	-2.000 % < x < 2.000 %
✓	1	40.6.1.2.2	Droop FG (Pair C)	96.3 %	x > 73.1 %
✓	1	40.6.1.2.2	Droop HJ (Pair C)	95.9 %	x > 73.1 %
✓	1	40.6.1.2.1	Peak A (Pair D)	691.19 mV	x = 745.00 mV +/- 75.00 mV
✓	1	40.6.1.2.1	Peak B (Pair D)	695.33 mV	x = 745.00 mV +/- 75.00 mV
✓	1	40.6.1.2.1	Peak A vs Peak B (Pair D)	-299 m%	-1.000 % < x < 1.000 %
✓	1	40.6.1.2.1	Peak C (Pair D)	30 m%	-2.000 % < x < 2.000 %
✓	1	40.6.1.2.1	Peak D (Pair D)	-1 m%	-2.000 % < x < 2.000 %
✓	1	40.6.1.2.2	Droop FG (Pair D)	95.7 %	x > 73.1 %
✓	1	40.6.1.2.2	Droop HJ (Pair D)	95.6 %	x > 73.1 %
✓	1	40.6.1.2.3	Point A Mask (Pair A)	-1.000	match
✓	1	40.6.1.2.3	Point B Mask (Pair A)	-1.000	match
✓	1	40.6.1.2.3	Point C Mask (Pair A)	-1.000	match
✓	1	40.6.1.2.3	Point D Mask (Pair A)	-1.000	match
✓	1	40.6.1.2.3	Point F Mask (Pair A)	-1.000	match
✓	1	40.6.1.2.3	Point H Mask (Pair A)	-1.000	match
✓	1	40.6.1.2.3	Point A Mask (Pair B)	-1.000	match
✓	1	40.6.1.2.3	Point B Mask (Pair B)	-1.000	match
✓	1	40.6.1.2.3	Point C Mask (Pair B)	-1.000	match
✓	1	40.6.1.2.3	Point D Mask (Pair B)	-1.000	match
✓	1	40.6.1.2.3	Point F Mask (Pair B)	-1.000	match
✓	1	40.6.1.2.3	Point H Mask (Pair B)	-1.000	match
✓	1	40.6.1.2.3	Point A Mask (Pair C)	-1.000	match
✓	1	40.6.1.2.3	Point B Mask (Pair C)	-1.000	match
✓	1	40.6.1.2.3	Point C Mask (Pair C)	-1.000	match
✓	1	40.6.1.2.3	Point D Mask (Pair C)	-1.000	match
✓	1	40.6.1.2.3	Point F Mask (Pair C)	-1.000	match
✓	1	40.6.1.2.3	Point H Mask (Pair C)	-1.000	match
✓	1	40.6.1.2.3	Point A Mask (Pair D)	-1.000	match
✓	1	40.6.1.2.3	Point B Mask (Pair D)	-1.000	match


Pass #	Test	Measurement	Current Value	Test Criteria
✓	1 40.6.1.2.3	Point C Mask (Pair D)	-1.000	match
✓	1 40.6.1.2.3	Point D Mask (Pair D)	-1.000	match
✓	1 40.6.1.2.3	Point F Mask (Pair D)	-1.000	match
✓	1 40.6.1.2.3	Point H Mask (Pair D)	-1.000	match
✓	1 40.6.1.2.4	Transmitter Distortion (Mode 4) (Pair A)	7.70 mV	x < 10.00 mV
✓	1 40.6.1.2.4	Transmitter Distortion (Mode 4) (Pair B)	8.51 mV	x < 10.00 mV
✓	1 40.6.1.2.4	Transmitter Distortion (Mode 4) (Pair C)	6.91 mV	x < 10.00 mV
✓	1 40.6.1.2.4	Transmitter Distortion (Mode 4) (Pair D)	6.47 mV	x < 10.00 mV
✓	1 40.6.1.2.5	Mode 2 Master UnFiltered Jitter (No TX_TCLK) (Pair A)	273 ps	x < 1.400 ns
✓	1 40.6.1.2.5	Mode 2 Master Filtered Jitter (No TX_TCLK) (Pair A)	270 ps	x < 300 ps
✓	1 40.6.1.2.5	Mode 2 Master UnFiltered Jitter (No TX_TCLK) (Pair B)	248 ps	x < 1.400 ns
✓	1 40.6.1.2.5	Mode 2 Master Filtered Jitter (No TX_TCLK) (Pair B)	246 ps	x < 300 ps
✓	1 40.6.1.2.5	Mode 2 Master UnFiltered Jitter (No TX_TCLK) (Pair C)	255 ps	x < 1.400 ns
✓	1 40.6.1.2.5	Mode 2 Master Filtered Jitter (No TX_TCLK) (Pair C)	261 ps	x < 300 ps
✓	1 40.6.1.2.5	Mode 2 Master UnFiltered Jitter (No TX_TCLK) (Pair D)	245 ps	x < 1.400 ns
✓	1 40.6.1.2.5	Mode 2 Master Filtered Jitter (No TX_TCLK) (Pair D)	245 ps	x < 300 ps
✓	1 Test 40.6.1.2.5	Slave Unfiltered Jitter	206 ps	x < 1.400 ns
✓	1 Test 40.6.1.2.5	Slave Filtered Jitter	398 ps	x < 400 ps
✓	1 Test 40.6.1.2.5	Slave Unfiltered Jitter	160 ps	x < 1.400 ns
✓	1 Test 40.6.1.2.5	Slave Filtered Jitter	393 ps	x < 400 ps
✓	1 Test 40.6.1.2.5	Slave Unfiltered Jitter	140 ps	x < 1.400 ns
✓	1 Test 40.6.1.2.5	Slave Filtered Jitter	366 ps	x < 400 ps

Details


Test 40.6.1.1/2/3 - Transmitter electrical specifications

Test 40.6.1.2.1 - Peak differential output voltage and level accuracy


[\[Up\]](#)

 Pass	Measurement: Peak A (Pair A)	
	Current Value: 692.51 mV	Test Criteria: $x = 745.00 \text{ mV} \pm 75.00 \text{ mV}$
	Timestamp: 11/14/2023 10:34:32	Limit Name: 1000BT-Peak-A


[\[Up\]](#)

 Pass	Measurement: Peak B (Pair A)	
	Current Value: 685.56 mV	Test Criteria: $x = 745.00 \text{ mV} \pm 75.00 \text{ mV}$
	Timestamp: 11/14/2023 10:34:32	Limit Name: 1000BT-Peak-B


[\[Up\]](#)

 Pass	Measurement: Peak A vs Peak B (Pair A)	
	Current Value: 504 m%	Test Criteria: $-1.000 \% < x < 1.000 \%$
	Timestamp: 11/14/2023 10:34:33	Limit Name: 1000BT-Peak-AB

[\[Up\]](#)


 Pass	Measurement: Peak C (Pair A)	
	Current Value: -256 m%	Test Criteria: $-2.000 \% < x < 2.000 \%$
	Timestamp: 11/14/2023 10:34:33	Limit Name: 1000BT-Peak-C

[\[Up\]](#)


 Pass	Measurement: Peak D (Pair A)	
	Current Value: -139 m%	Test Criteria: $-2.000 \% < x < 2.000 \%$
	Timestamp: 11/14/2023 10:34:33	Limit Name: 1000BT-Peak-D

Test 40.6.1.2.2 - Maximum output droop

[\[Up\]](#)


 Pass	Measurement: Droop FG (Pair A)	
	Current Value: 95.4 %	Test Criteria: $x > 73.1 \%$
	Timestamp: 11/14/2023 10:34:33	Limit Name: 1000BT-Droop-FG

[\[Up\]](#)


 Pass	Measurement: Droop HJ (Pair A)	
	Current Value: 96.0 %	Test Criteria: $x > 73.1 \%$
	Timestamp: 11/14/2023 10:34:33	Limit Name: 1000BT-Droop-HJ

Test 40.6.1.2.1 - Peak differential output voltage and level accuracy


[\[Up\]](#)

 Pass	Measurement: Peak A (Pair B)	
	Current Value: 690.33 mV	Test Criteria: $x = 745.00 \text{ mV} \pm 75.00 \text{ mV}$
	Timestamp: 11/14/2023 10:37:02	Limit Name: 1000BT-Peak-A


[\[Up\]](#)

 Pass	Measurement: Peak B (Pair B)	
	Current Value: 690.71 mV	Test Criteria: $x = 745.00 \text{ mV} \pm 75.00 \text{ mV}$
	Timestamp: 11/14/2023 10:37:02	Limit Name: 1000BT-Peak-B


[\[Up\]](#)

 Pass	Measurement: Peak A vs Peak B (Pair B)	
	Current Value: -27 m%	Test Criteria: $-1.000\% < x < 1.000\%$
	Timestamp: 11/14/2023 10:37:03	Limit Name: 1000BT-Peak-AB

[\[Up\]](#)


 Pass	Measurement: Peak C (Pair B)	
	Current Value: 65 m%	Test Criteria: $-2.000\% < x < 2.000\%$
	Timestamp: 11/14/2023 10:37:03	Limit Name: 1000BT-Peak-C

[\[Up\]](#)


 Pass	Measurement: Peak D (Pair B)	
	Current Value: 233 m%	Test Criteria: $-2.000\% < x < 2.000\%$
	Timestamp: 11/14/2023 10:37:03	Limit Name: 1000BT-Peak-D

Test 40.6.1.2.2 - Maximum output droop

[\[Up\]](#)


 Pass	Measurement: Droop FG (Pair B)	
	Current Value: 96.3 %	Test Criteria: $x > 73.1\%$
	Timestamp: 11/14/2023 10:37:03	Limit Name: 1000BT-Droop-FG

[\[Up\]](#)


 Pass	Measurement: Droop HJ (Pair B)	
	Current Value: 96.6 %	Test Criteria: $x > 73.1\%$
	Timestamp: 11/14/2023 10:37:03	Limit Name: 1000BT-Droop-HJ

Test 40.6.1.2.1 - Peak differential output voltage and level accuracy


[\[Up\]](#)

 Pass	Measurement: Peak A (Pair C)	
	Current Value: 693.99 mV	Test Criteria: $x = 745.00\text{ mV} \pm 75.00\text{ mV}$
	Timestamp: 11/14/2023 10:38:49	Limit Name: 1000BT-Peak-A


[\[Up\]](#)

 Pass	Measurement: Peak B (Pair C)	
	Current Value: 698.10 mV	Test Criteria: $x = 745.00\text{ mV} \pm 75.00\text{ mV}$
	Timestamp: 11/14/2023 10:38:49	Limit Name: 1000BT-Peak-B


[\[Up\]](#)

 Pass	Measurement: Peak A vs Peak B (Pair C)	
	Current Value: -295 m%	Test Criteria: $-1.000\% < x < 1.000\%$
	Timestamp: 11/14/2023 10:38:50	Limit Name: 1000BT-Peak-AB

[\[Up\]](#)


 Pass	Measurement: Peak C (Pair C)	
	Current Value: -217 m%	Test Criteria: $-2.000\% < x < 2.000\%$
	Timestamp: 11/14/2023 10:38:50	Limit Name: 1000BT-Peak-C

[\[Up\]](#)


 Pass	Measurement: Peak D (Pair C)	
	Current Value: -140 m%	Test Criteria: $-2.000\% < x < 2.000\%$
	Timestamp: 11/14/2023 10:38:50	Limit Name: 1000BT-Peak-D

Test 40.6.1.2.2 - Maximum output droop


[\[Up\]](#)

 Pass	Measurement: Droop FG (Pair C)	
	Current Value: 96.3 %	Test Criteria: $x > 73.1\%$
	Timestamp: 11/14/2023 10:38:50	Limit Name: 1000BT-Droop-FG


[\[Up\]](#)

	Measurement: Droop HJ (Pair C)	
	Current Value: 95.9 %	Test Criteria: $x > 73.1 \%$
	Timestamp: 11/14/2023 10:38:50	Limit Name: 1000BT-Droop-HJ


Test 40.6.1.2.1 - Peak differential output voltage and level accuracy[\[Up\]](#)

	Measurement: Peak A (Pair D)	
	Current Value: 691.19 mV	Test Criteria: $x = 745.00 \text{ mV} \pm 75.00 \text{ mV}$
	Timestamp: 11/14/2023 10:40:32	Limit Name: 1000BT-Peak-A


[\[Up\]](#)

	Measurement: Peak B (Pair D)	
	Current Value: 695.33 mV	Test Criteria: $x = 745.00 \text{ mV} \pm 75.00 \text{ mV}$
	Timestamp: 11/14/2023 10:40:32	Limit Name: 1000BT-Peak-B


[\[Up\]](#)

	Measurement: Peak A vs Peak B (Pair D)	
	Current Value: -299 m%	Test Criteria: $-1.000 \% < x < 1.000 \%$
	Timestamp: 11/14/2023 10:40:32	Limit Name: 1000BT-Peak-AB


[\[Up\]](#)

	Measurement: Peak C (Pair D)	
	Current Value: 30 m%	Test Criteria: $-2.000 \% < x < 2.000 \%$
	Timestamp: 11/14/2023 10:40:32	Limit Name: 1000BT-Peak-C


[\[Up\]](#)

	Measurement: Peak D (Pair D)	
	Current Value: -1 m%	Test Criteria: $-2.000 \% < x < 2.000 \%$
	Timestamp: 11/14/2023 10:40:33	Limit Name: 1000BT-Peak-D


Test 40.6.1.2.2 - Maximum output droop[\[Up\]](#)

	Measurement: Droop FG (Pair D)	
	Current Value: 95.7 %	Test Criteria: $x > 73.1 \%$
	Timestamp: 11/14/2023 10:40:33	Limit Name: 1000BT-Droop-FG


[\[Up\]](#)

	Measurement: Droop HJ (Pair D)	
	Current Value: 95.6 %	Test Criteria: $x > 73.1 \%$
	Timestamp: 11/14/2023 10:40:33	Limit Name: 1000BT-Droop-HJ


Test 40.6.1.2.3 - Differential output templates[\[Up\]](#)

	Measurement: Point A Mask (Pair A)	
	Current Value: -1.000	Test Criteria: match
	Timestamp: 11/14/2023 10:34:34	Limit Name: 1000BT-Point-A-Mask


[\[Up\]](#)

	Measurement: Point B Mask (Pair A)	
	Current Value: -1.000	Test Criteria: match
	Timestamp: 11/14/2023 10:34:34	Limit Name: 1000BT-Point-B-Mask


[\[Up\]](#)

 Pass	Measurement: Point C Mask (Pair A)	
	Current Value: -1.000	Test Criteria: match
	Timestamp: 11/14/2023 10:34:34	Limit Name: 1000BT-Point-C-Mask


[\[Up\]](#)

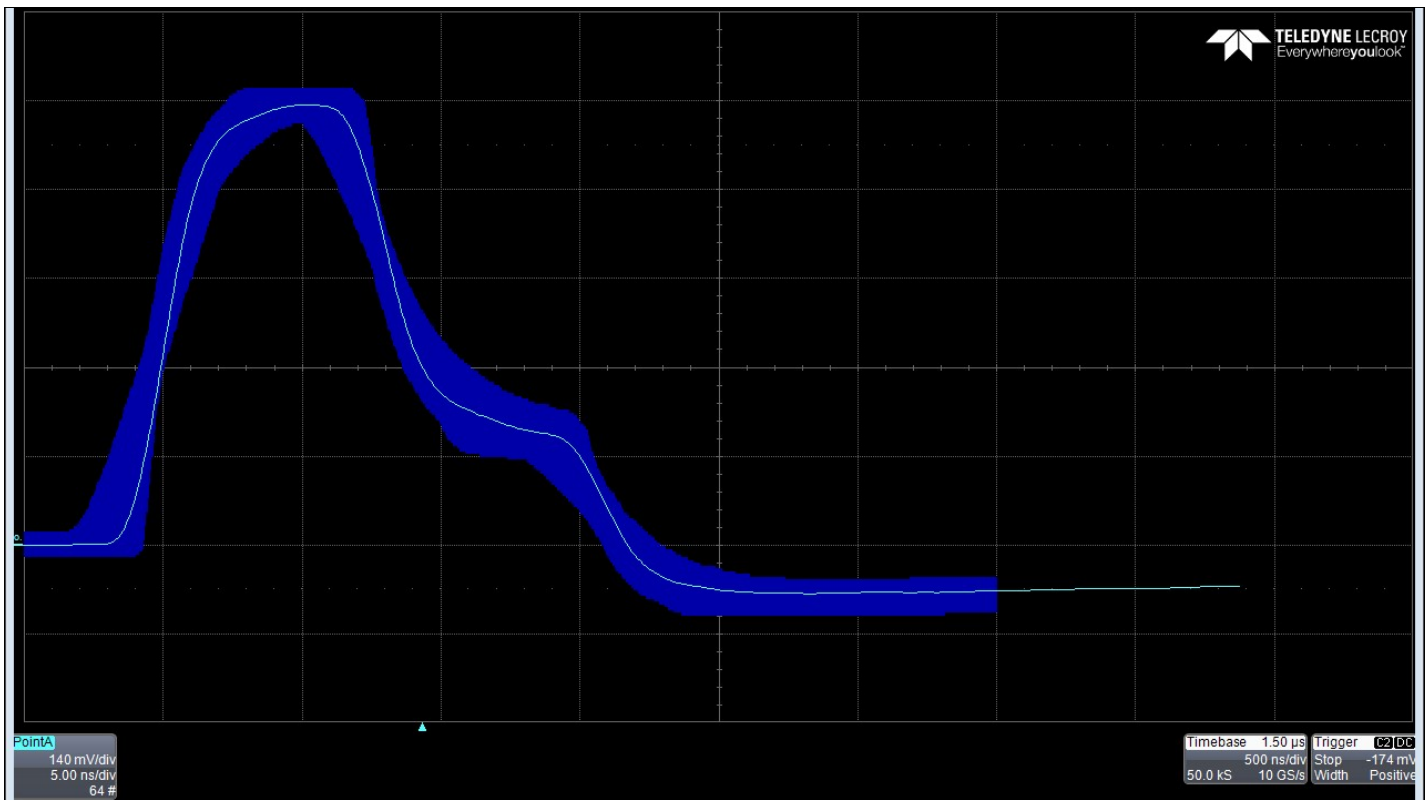
 Pass	Measurement: Point D Mask (Pair A)	
	Current Value: -1.000	Test Criteria: match
	Timestamp: 11/14/2023 10:34:34	Limit Name: 1000BT-Point-D-Mask

[\[Up\]](#)

 Pass	Measurement: Point F Mask (Pair A)	
	Current Value: -1.000	Test Criteria: match
	Timestamp: 11/14/2023 10:34:34	Limit Name: 1000BT-Point-F-Mask

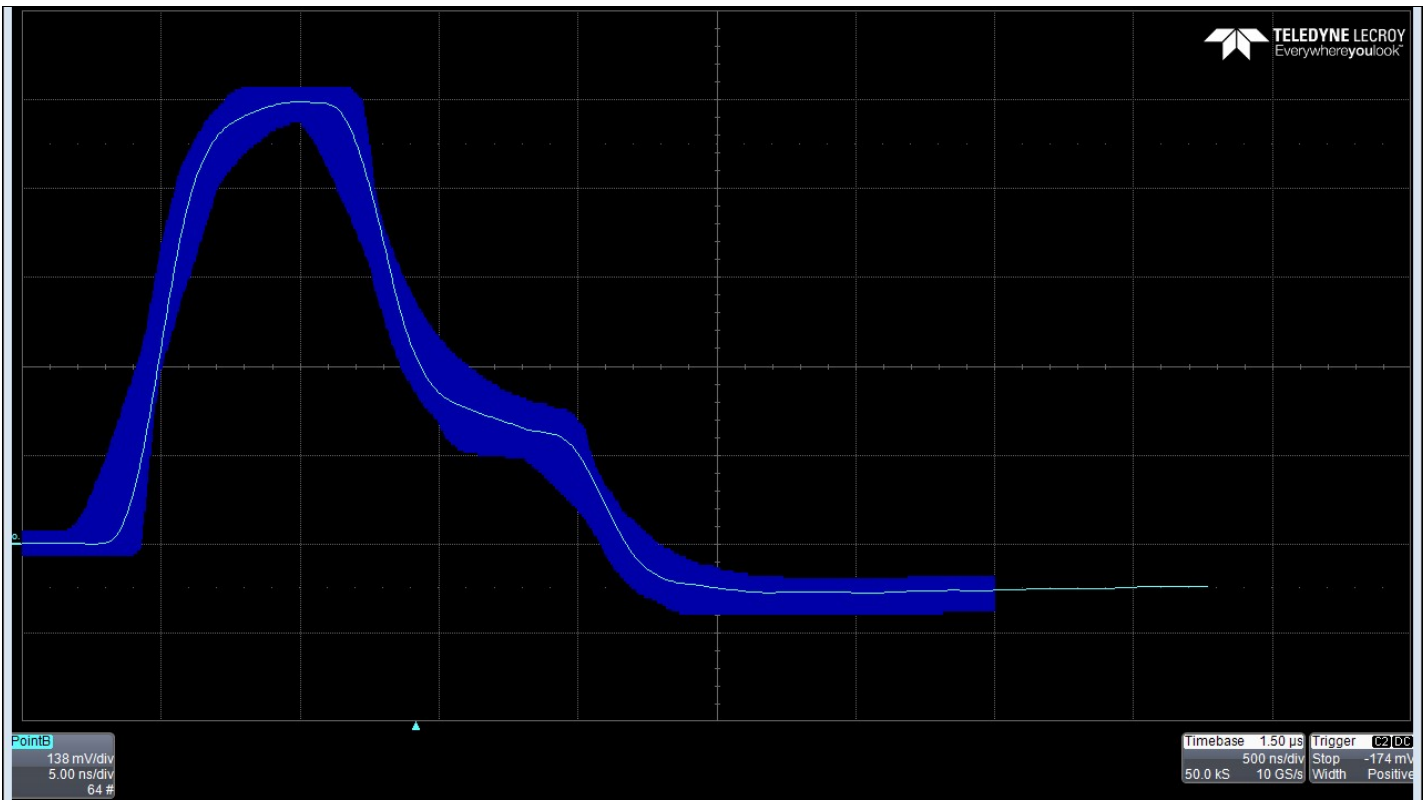
[\[Up\]](#)

 Pass	Measurement: Point H Mask (Pair A)	
	Current Value: -1.000	Test Criteria: match
	Timestamp: 11/14/2023 10:34:34	Limit Name: 1000BT-Point-H-Mask

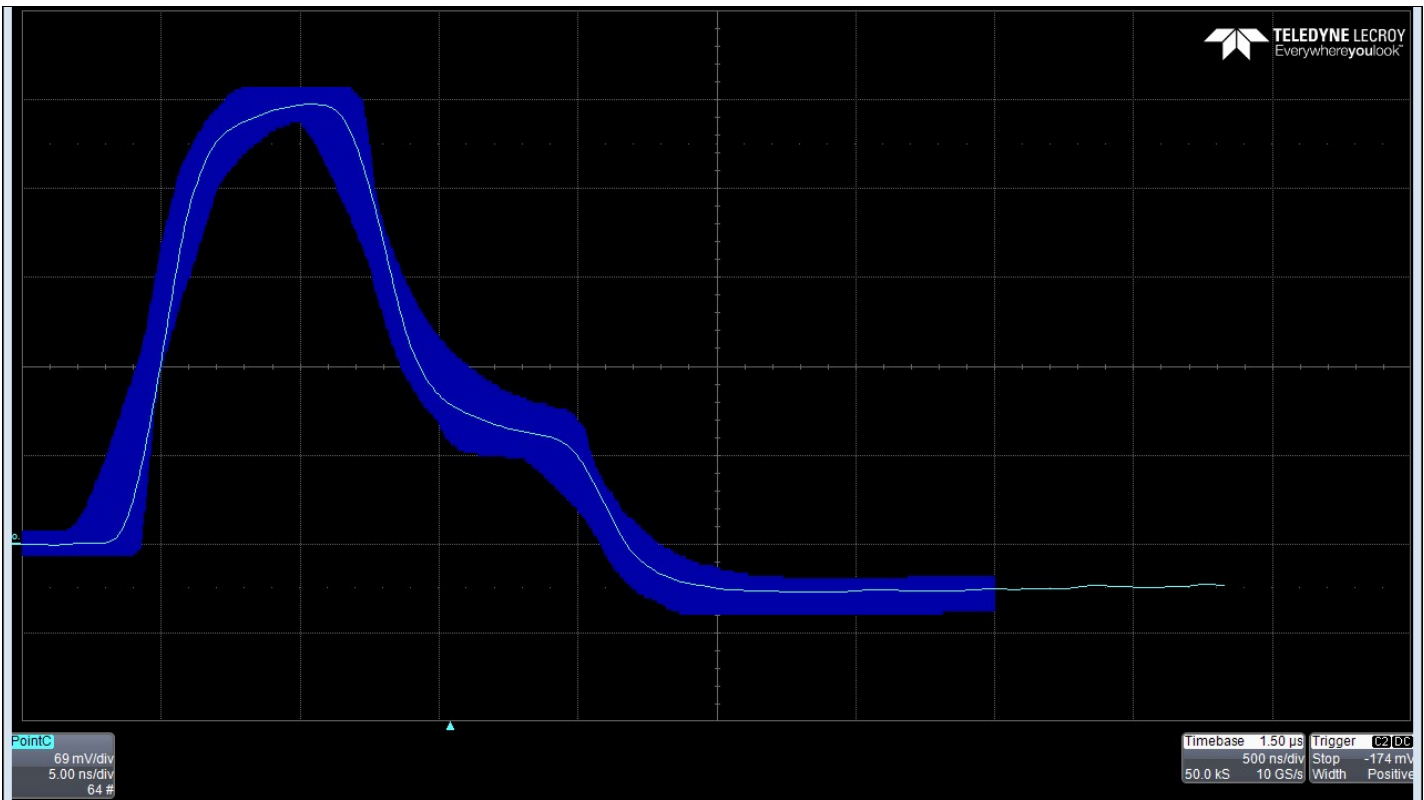


1000Base-T Mode 1, Point A

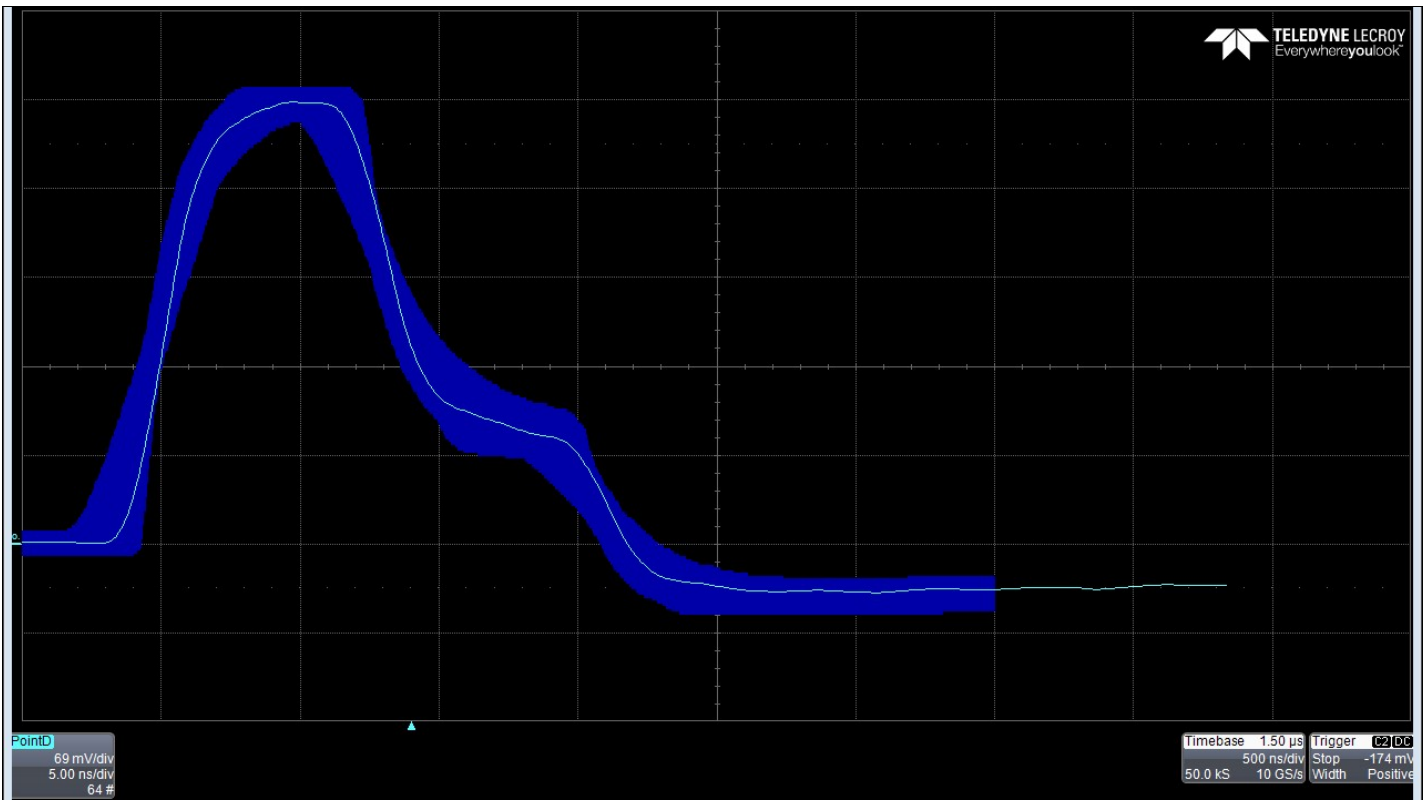
Timestamp: 11/14/2023 10:34:36



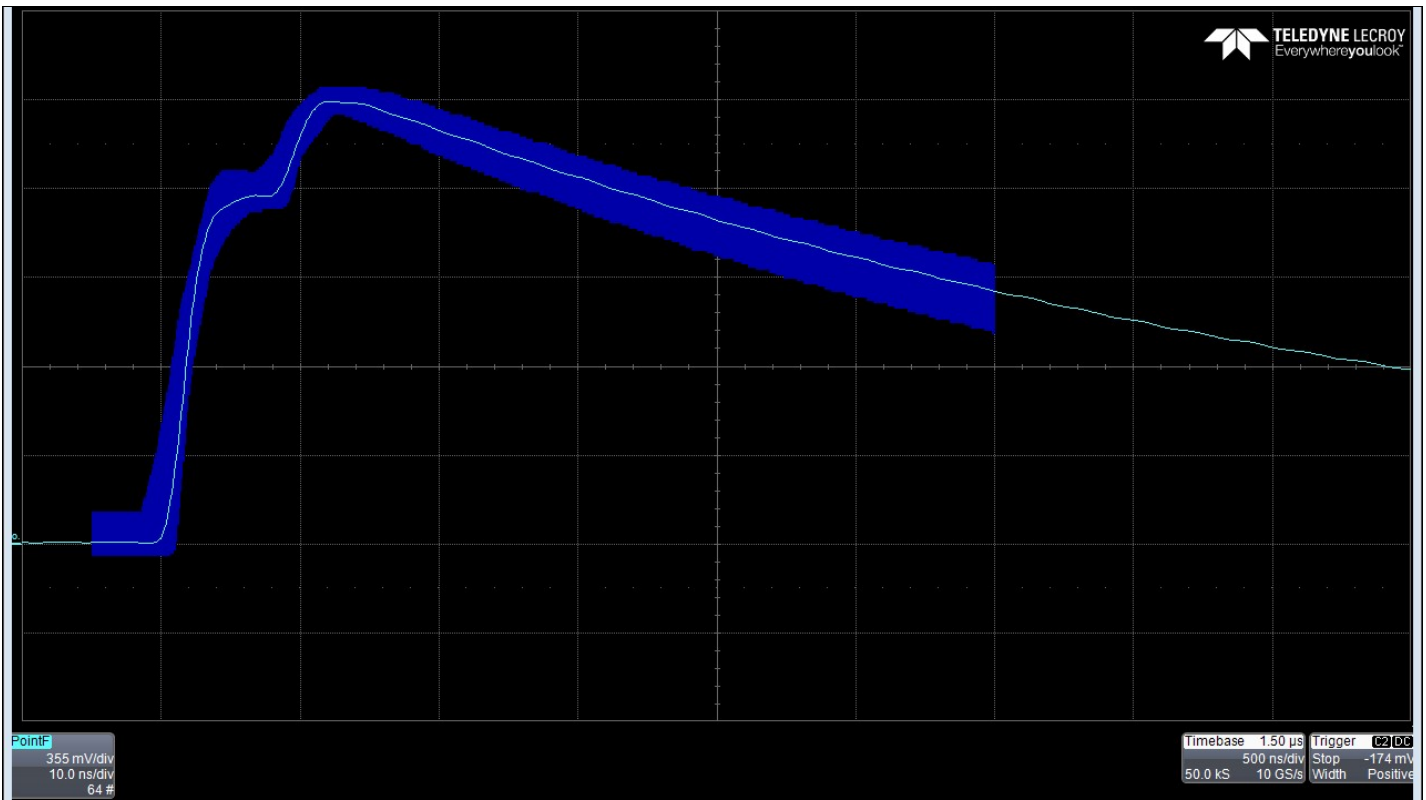
1000Base-T Mode 1, Point B
Timestamp: 11/14/2023 10:34:37



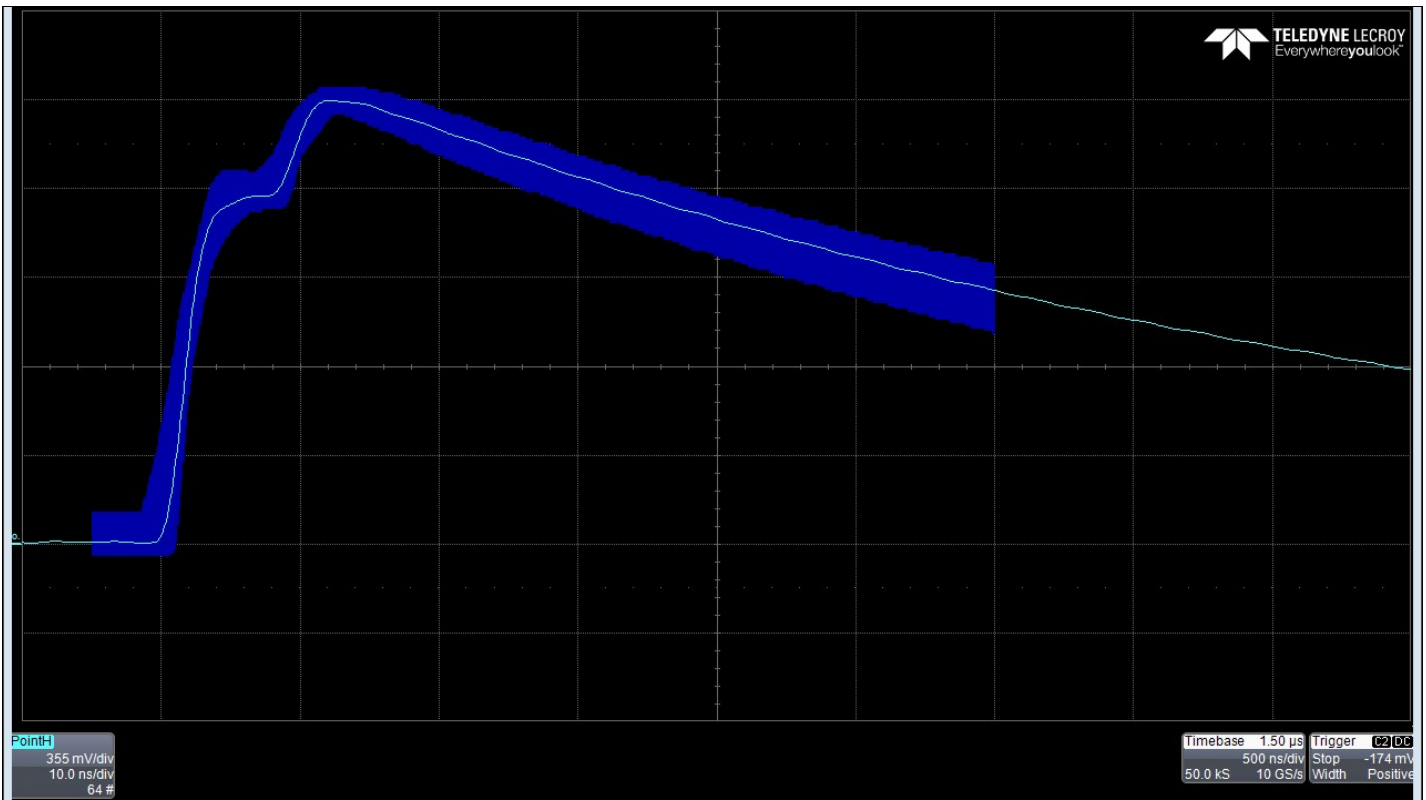
1000Base-T Mode 1, Point C
Timestamp: 11/14/2023 10:34:38



1000Base-T Mode 1, Point D
Timestamp: 11/14/2023 10:34:39




1000Base-T Mode 1, Point F
Timestamp: 11/14/2023 10:34:40




1000Base-T Mode 1, Point H
Timestamp: 11/14/2023 10:34:41

Test 40.6.1.2.3 - Differential output templates


[\[Up\]](#)

 Pass	Measurement: Point A Mask (Pair B)		
	Current Value: -1.000	Test Criteria: match	
	Timestamp: 11/14/2023 10:37:04	Limit Name: 1000BT-Point-A-Mask	


[\[Up\]](#)

 Pass	Measurement: Point B Mask (Pair B)		
	Current Value: -1.000	Test Criteria: match	
	Timestamp: 11/14/2023 10:37:04	Limit Name: 1000BT-Point-B-Mask	


[\[Up\]](#)

 Pass	Measurement: Point C Mask (Pair B)		
	Current Value: -1.000	Test Criteria: match	
	Timestamp: 11/14/2023 10:37:04	Limit Name: 1000BT-Point-C-Mask	


[\[Up\]](#)

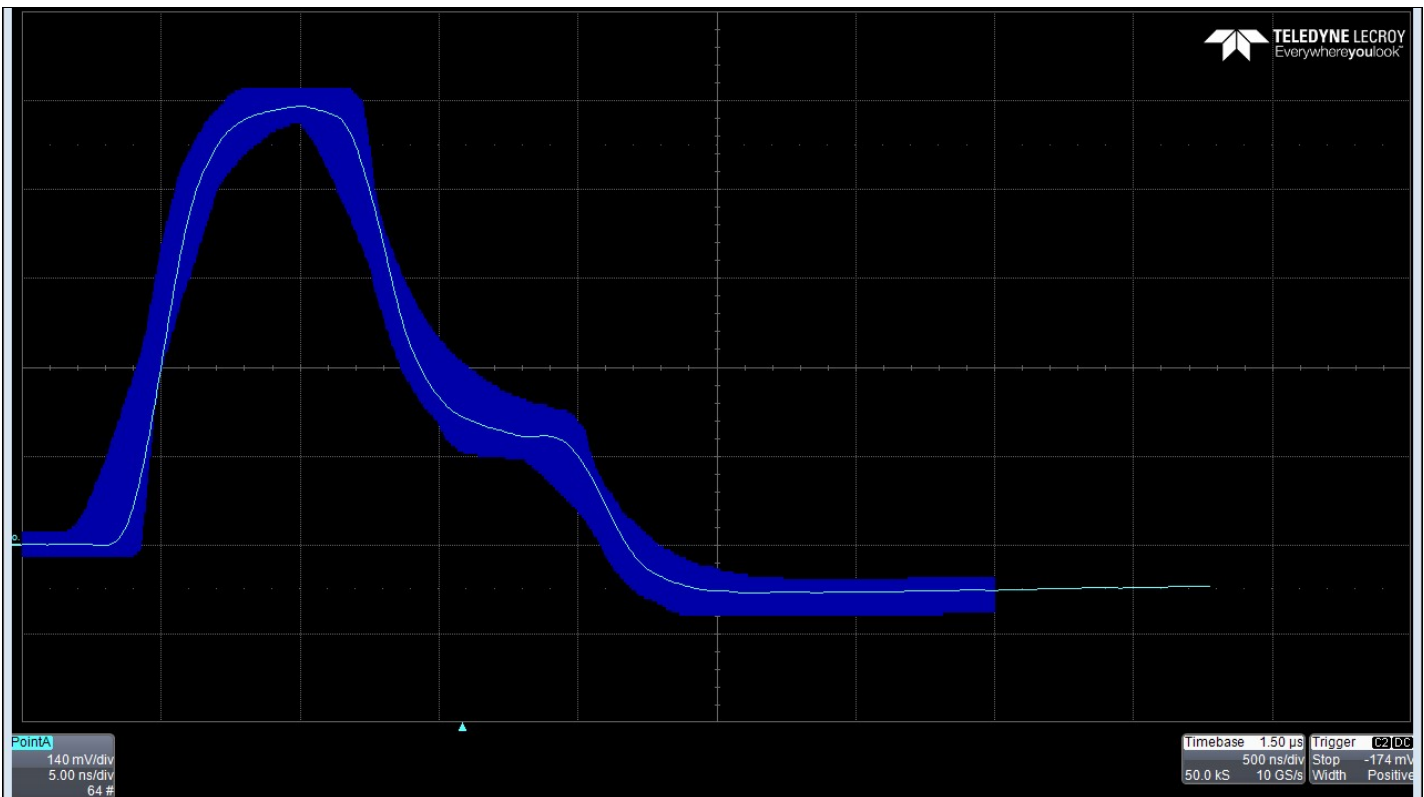
 Pass	Measurement: Point D Mask (Pair B)		
	Current Value: -1.000	Test Criteria: match	
	Timestamp: 11/14/2023 10:37:04	Limit Name: 1000BT-Point-D-Mask	

[\[Up\]](#)

 Pass	Measurement: Point F Mask (Pair B)		
	Current Value: -1.000	Test Criteria: match	
	Timestamp: 11/14/2023 10:37:04	Limit Name: 1000BT-Point-F-Mask	

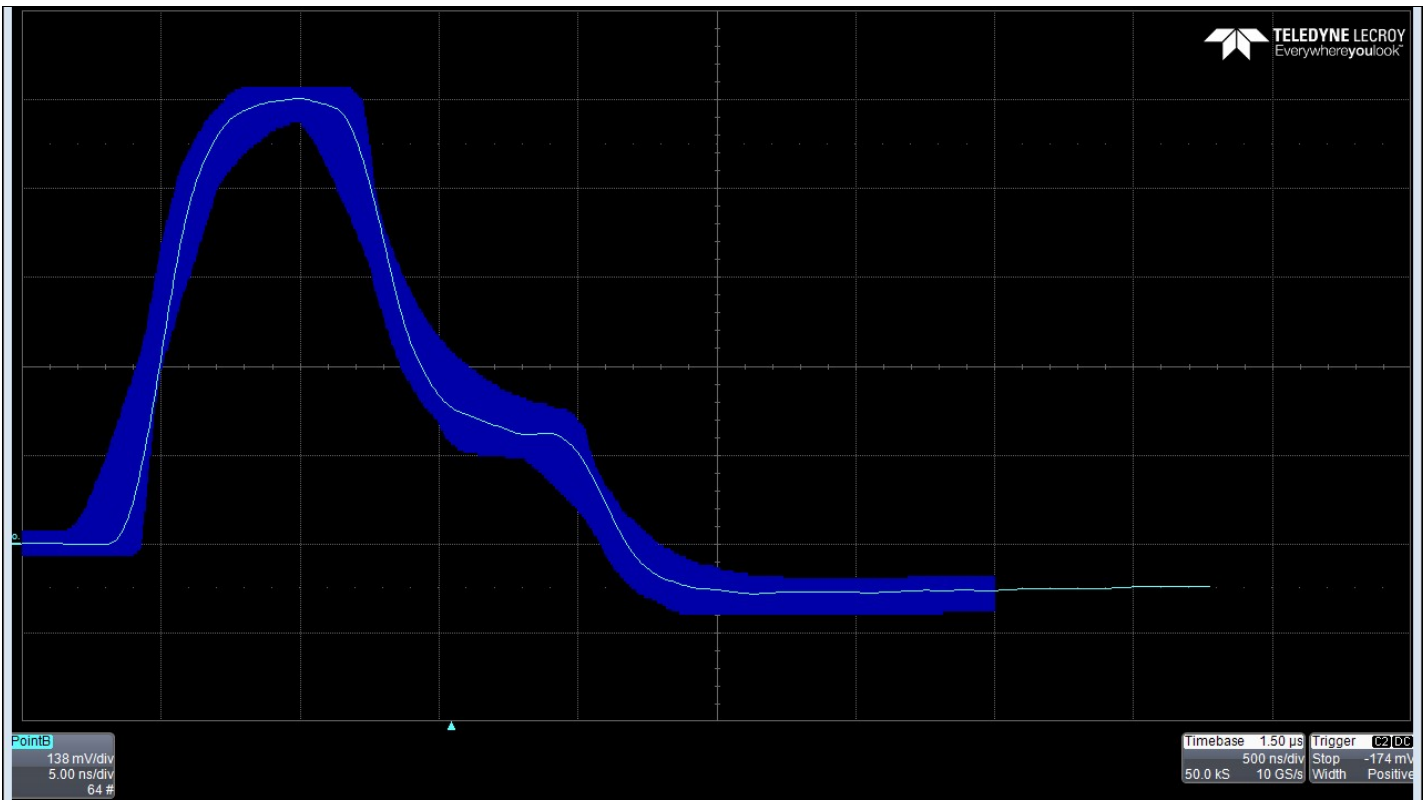
[\[Up\]](#)

 Pass	Measurement: Point H Mask (Pair B)		
	Current Value: -1.000	Test Criteria: match	
	Timestamp: 11/14/2023 10:37:04	Limit Name: 1000BT-Point-H-Mask	

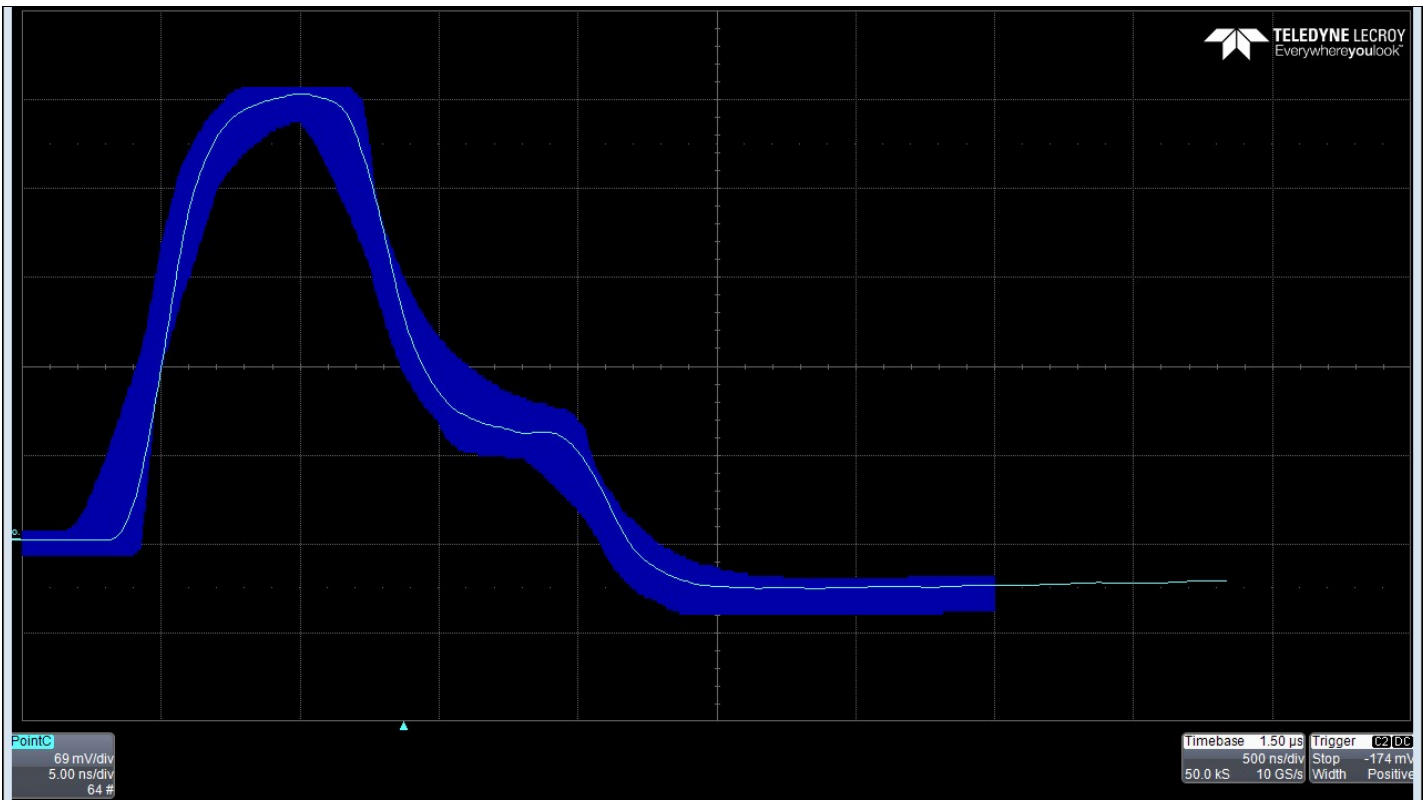


1000Base-T Mode 1, Point A

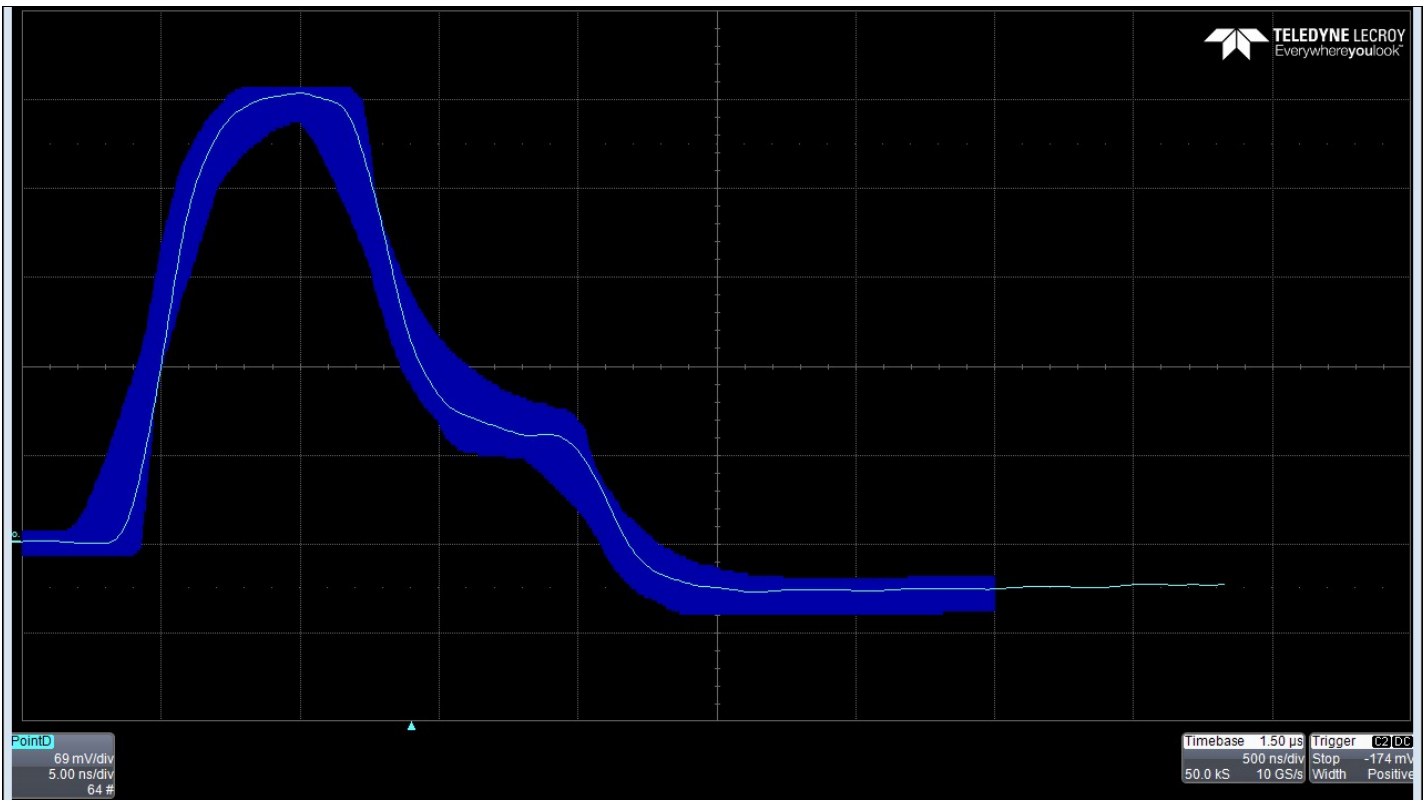
Timestamp: 11/14/2023 10:37:05



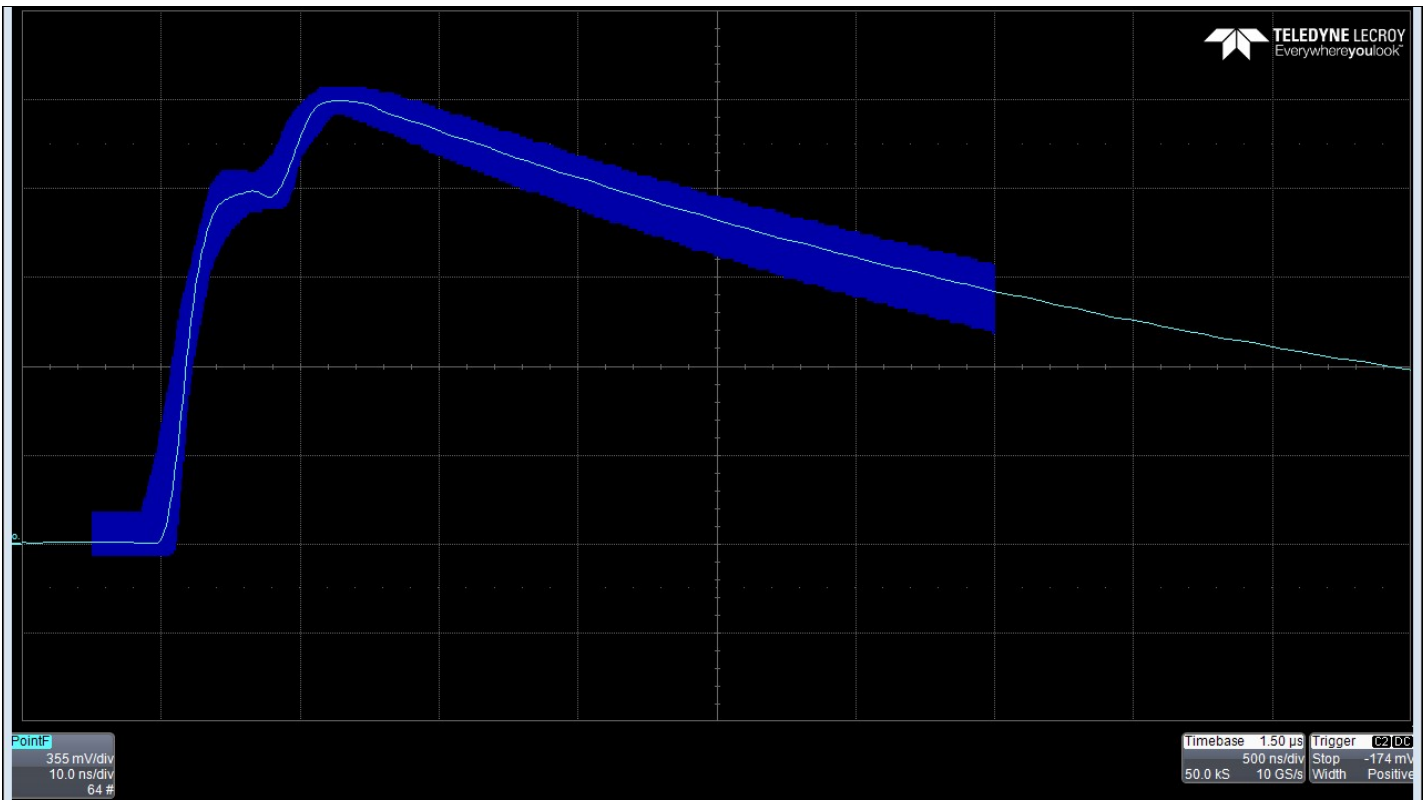
1000Base-T Mode 1, Point B
Timestamp: 11/14/2023 10:37:06



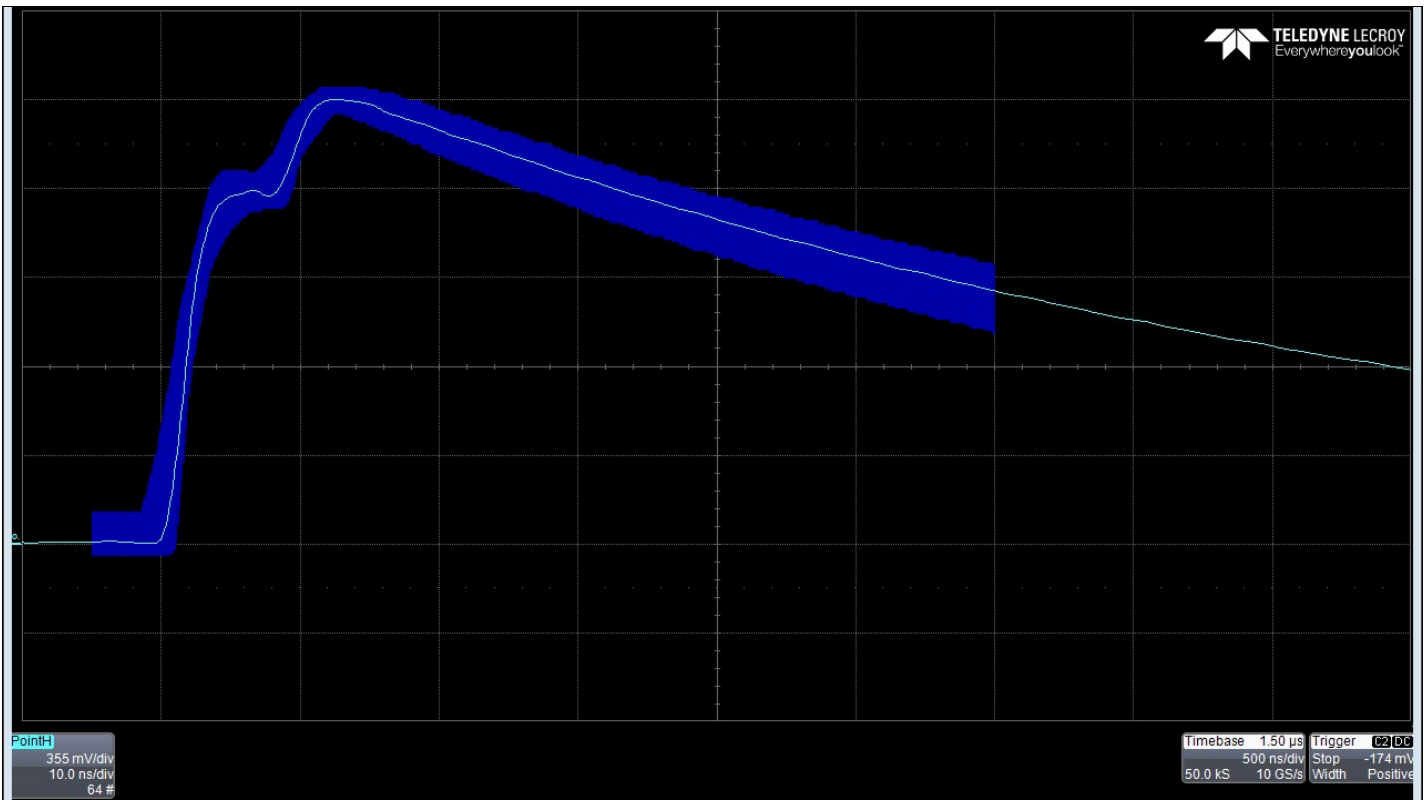
1000Base-T Mode 1, Point C
Timestamp: 11/14/2023 10:37:07



1000Base-T Mode 1, Point D
Timestamp: 11/14/2023 10:37:08




1000Base-T Mode 1, Point F
Timestamp: 11/14/2023 10:37:09




1000Base-T Mode 1, Point H
Timestamp: 11/14/2023 10:37:10

Test 40.6.1.2.3 - Differential output templates


[\[Up\]](#)

 Pass	Measurement: Point A Mask (Pair C)		
	Current Value: -1.000	Test Criteria: match	
	Timestamp: 11/14/2023 10:38:50	Limit Name: 1000BT-Point-A-Mask	


[\[Up\]](#)

 Pass	Measurement: Point B Mask (Pair C)		
	Current Value: -1.000	Test Criteria: match	
	Timestamp: 11/14/2023 10:38:50	Limit Name: 1000BT-Point-B-Mask	


[\[Up\]](#)

 Pass	Measurement: Point C Mask (Pair C)		
	Current Value: -1.000	Test Criteria: match	
	Timestamp: 11/14/2023 10:38:50	Limit Name: 1000BT-Point-C-Mask	


[\[Up\]](#)

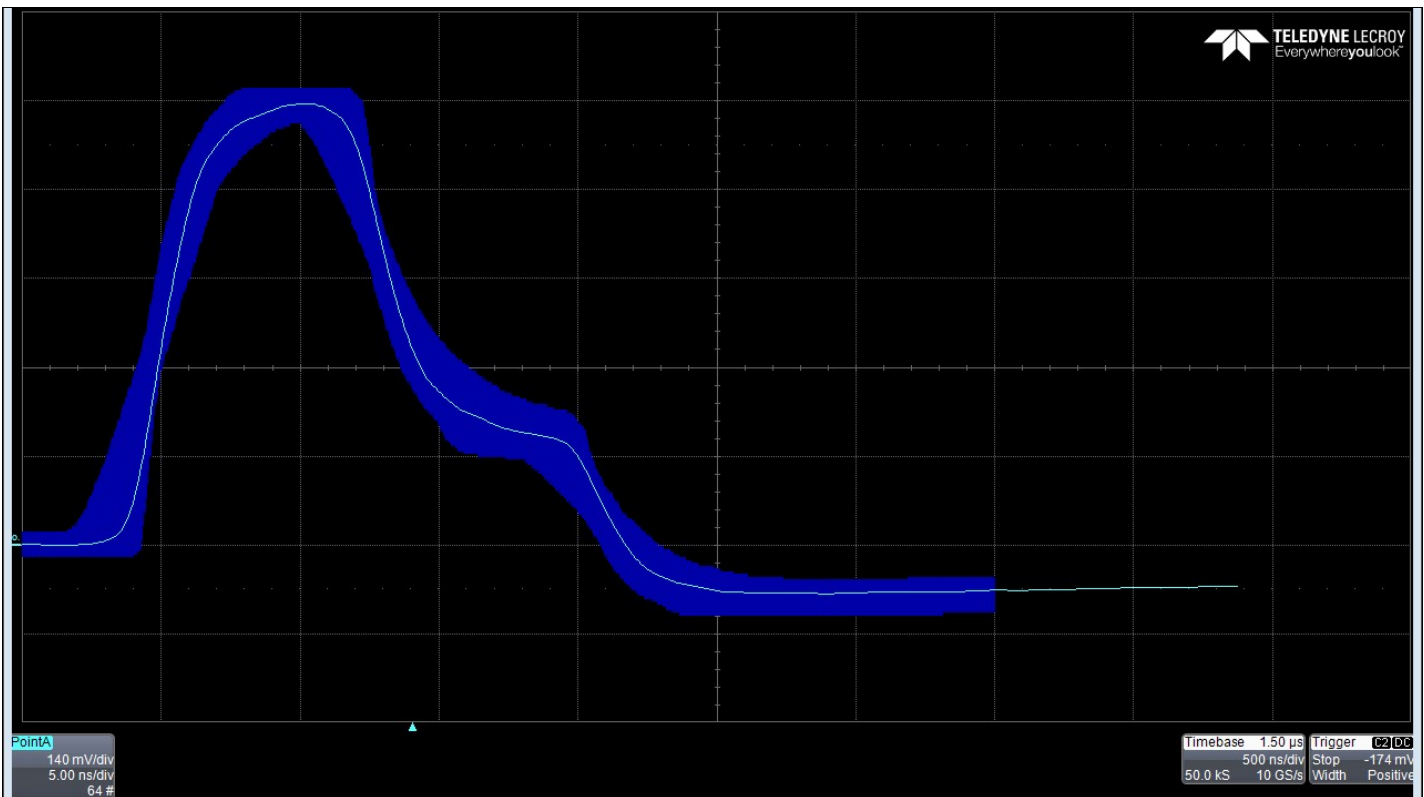
 Pass	Measurement: Point D Mask (Pair C)		
	Current Value: -1.000	Test Criteria: match	
	Timestamp: 11/14/2023 10:38:50	Limit Name: 1000BT-Point-D-Mask	

[\[Up\]](#)

 Pass	Measurement: Point F Mask (Pair C)		
	Current Value: -1.000	Test Criteria: match	
	Timestamp: 11/14/2023 10:38:50	Limit Name: 1000BT-Point-F-Mask	

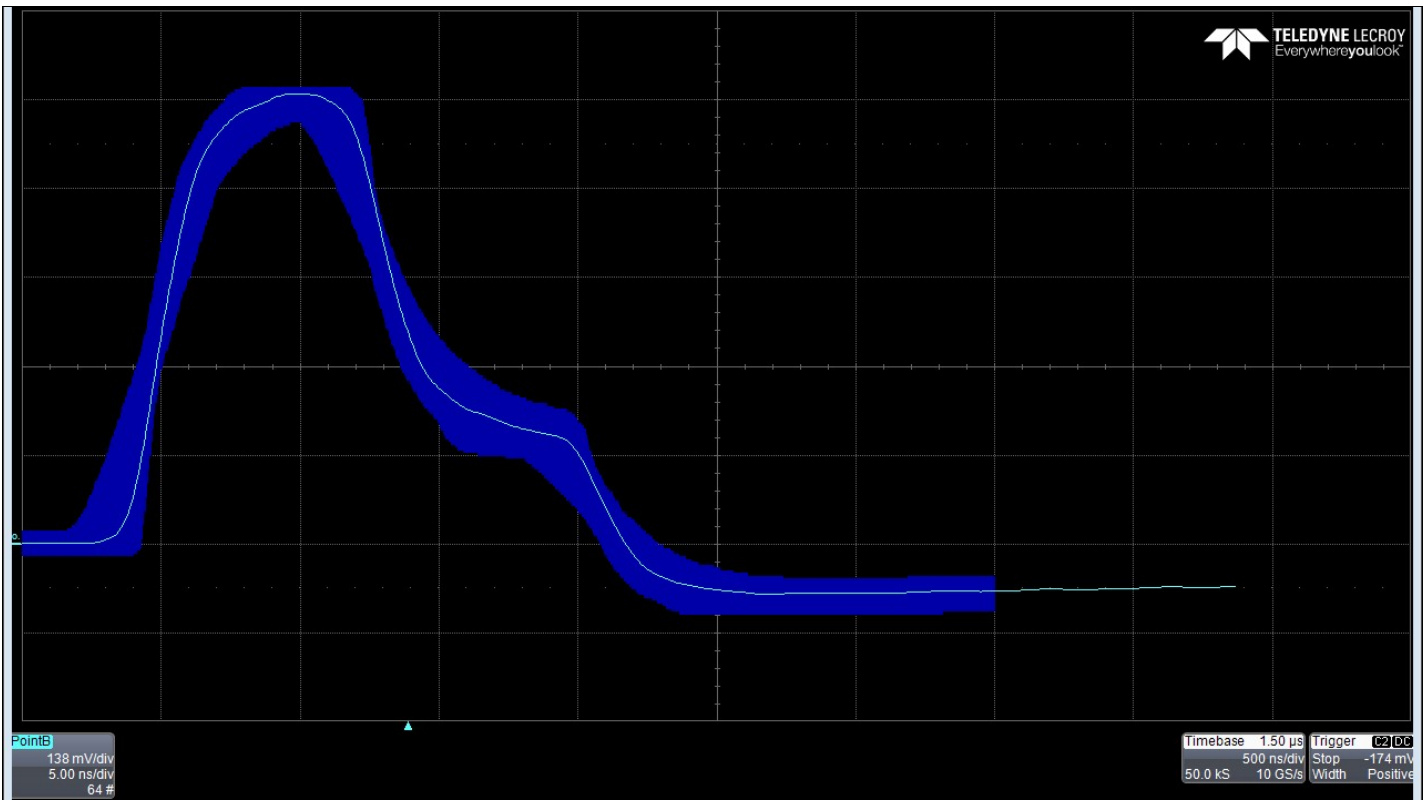
[\[Up\]](#)

 Pass	Measurement: Point H Mask (Pair C)		
	Current Value: -1.000	Test Criteria: match	
	Timestamp: 11/14/2023 10:38:51	Limit Name: 1000BT-Point-H-Mask	

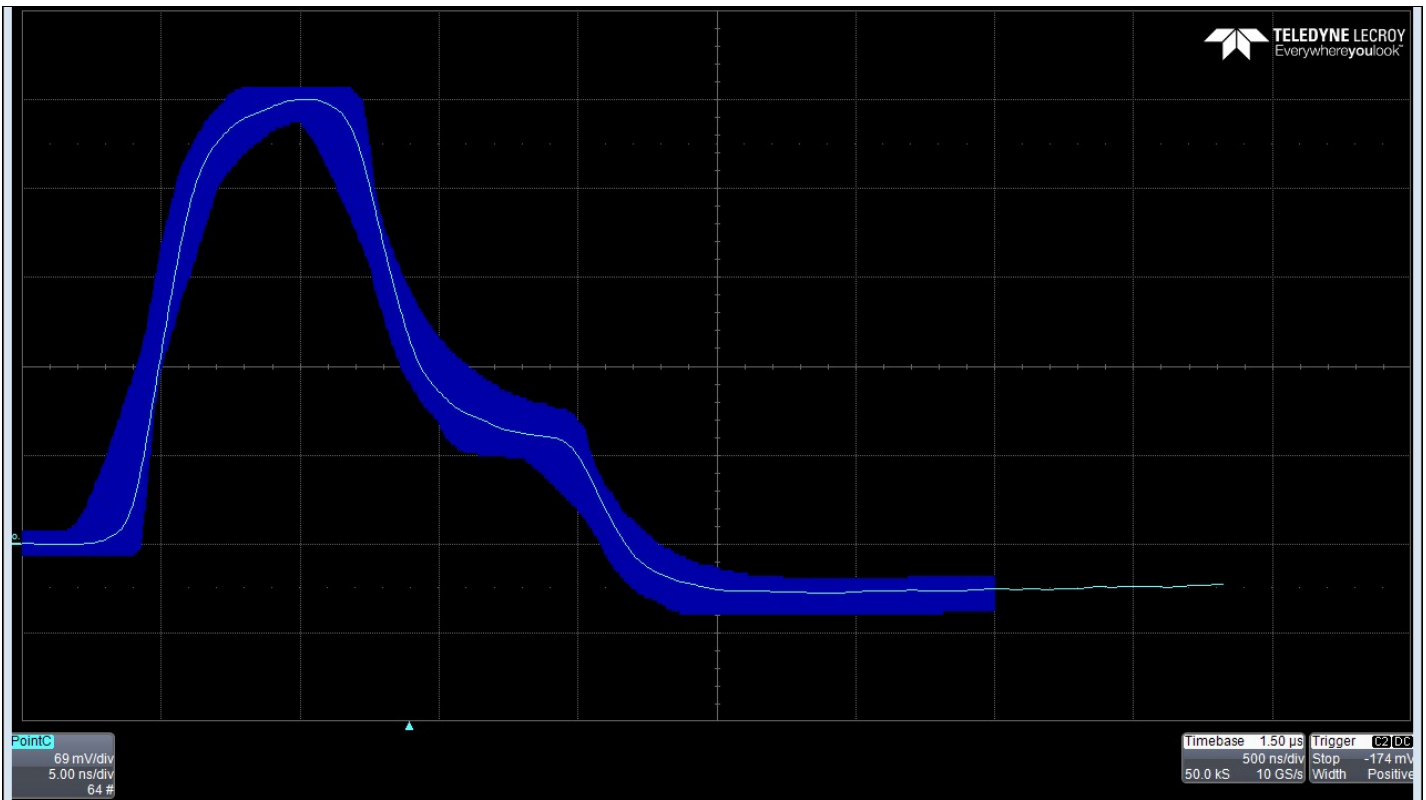


1000Base-T Mode 1, Point A

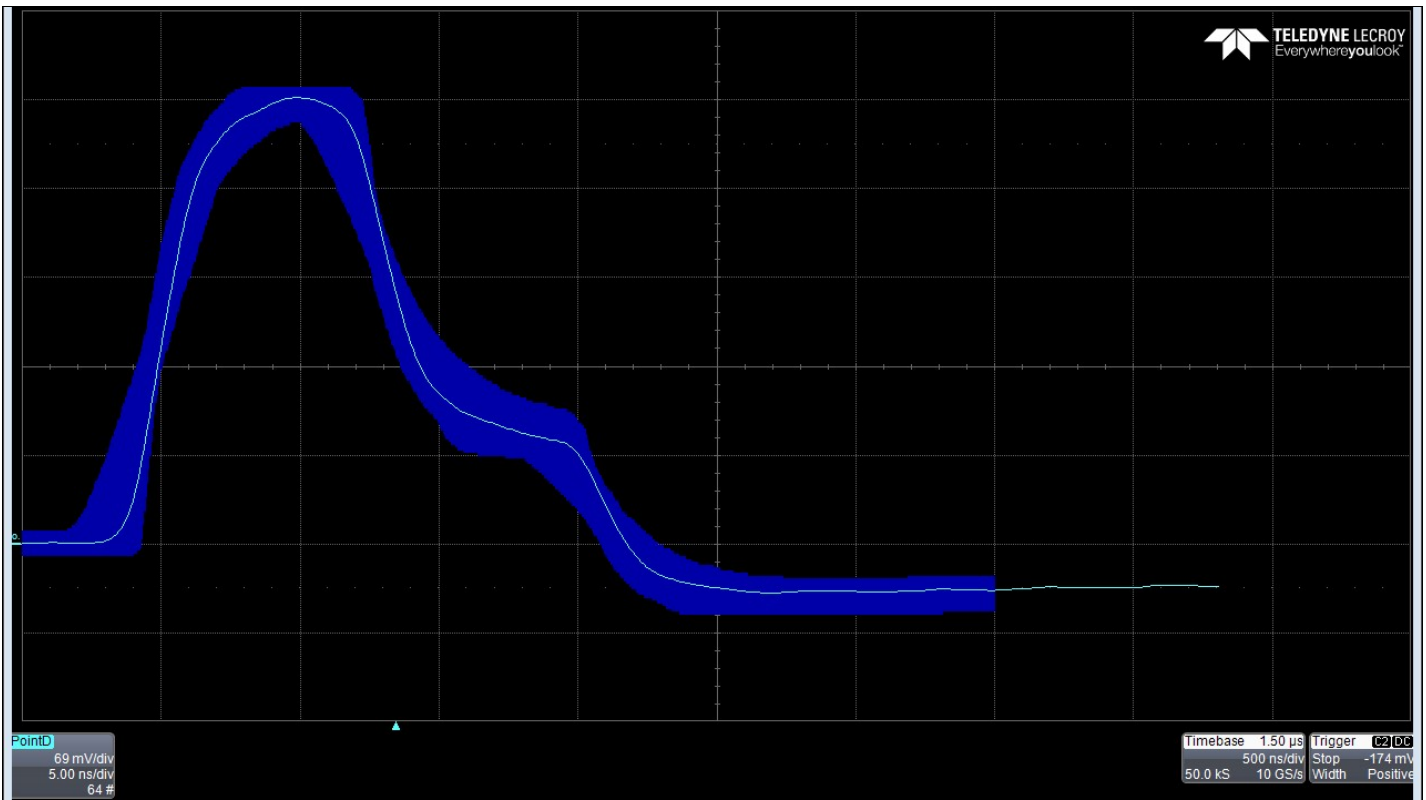
Timestamp: 11/14/2023 10:38:52



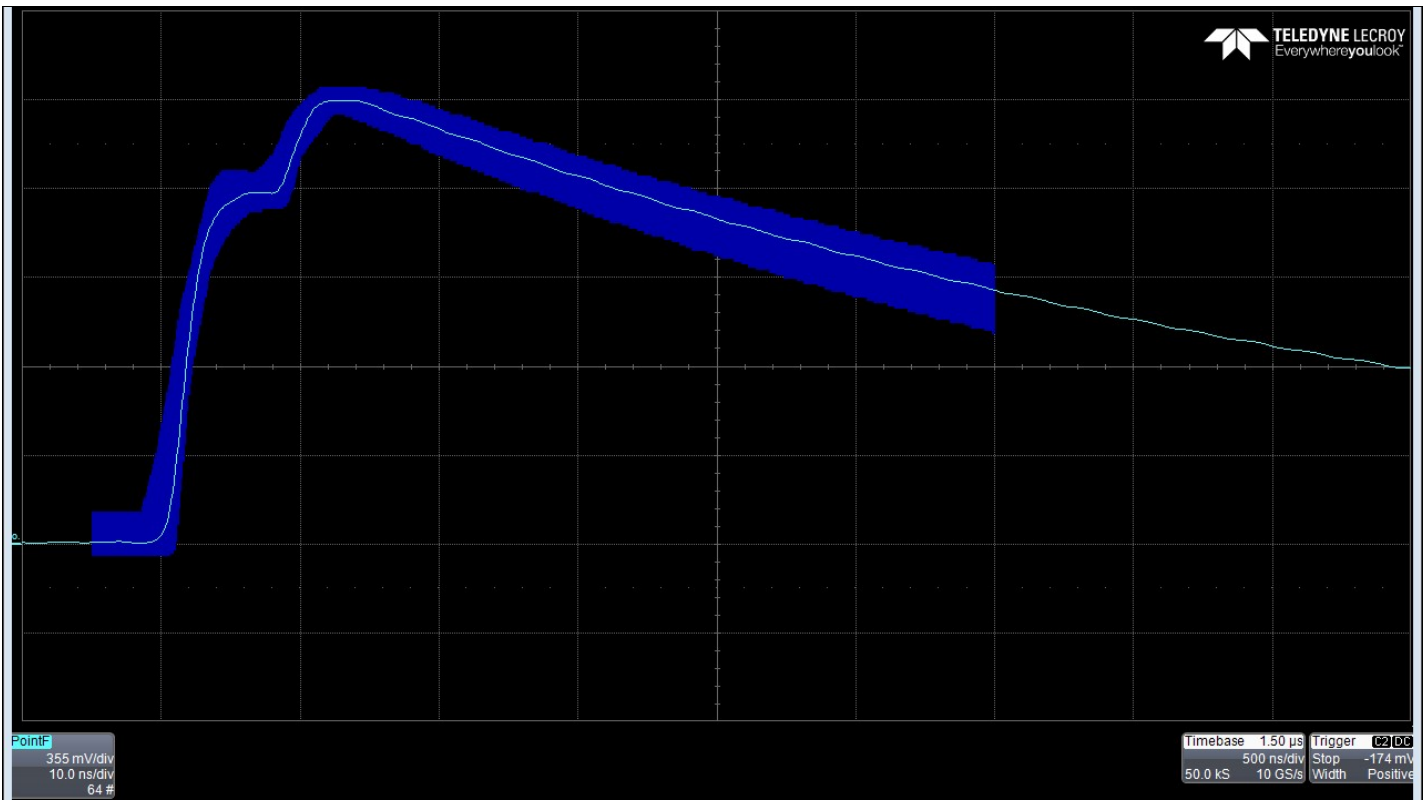
1000Base-T Mode 1, Point B
Timestamp: 11/14/2023 10:38:53



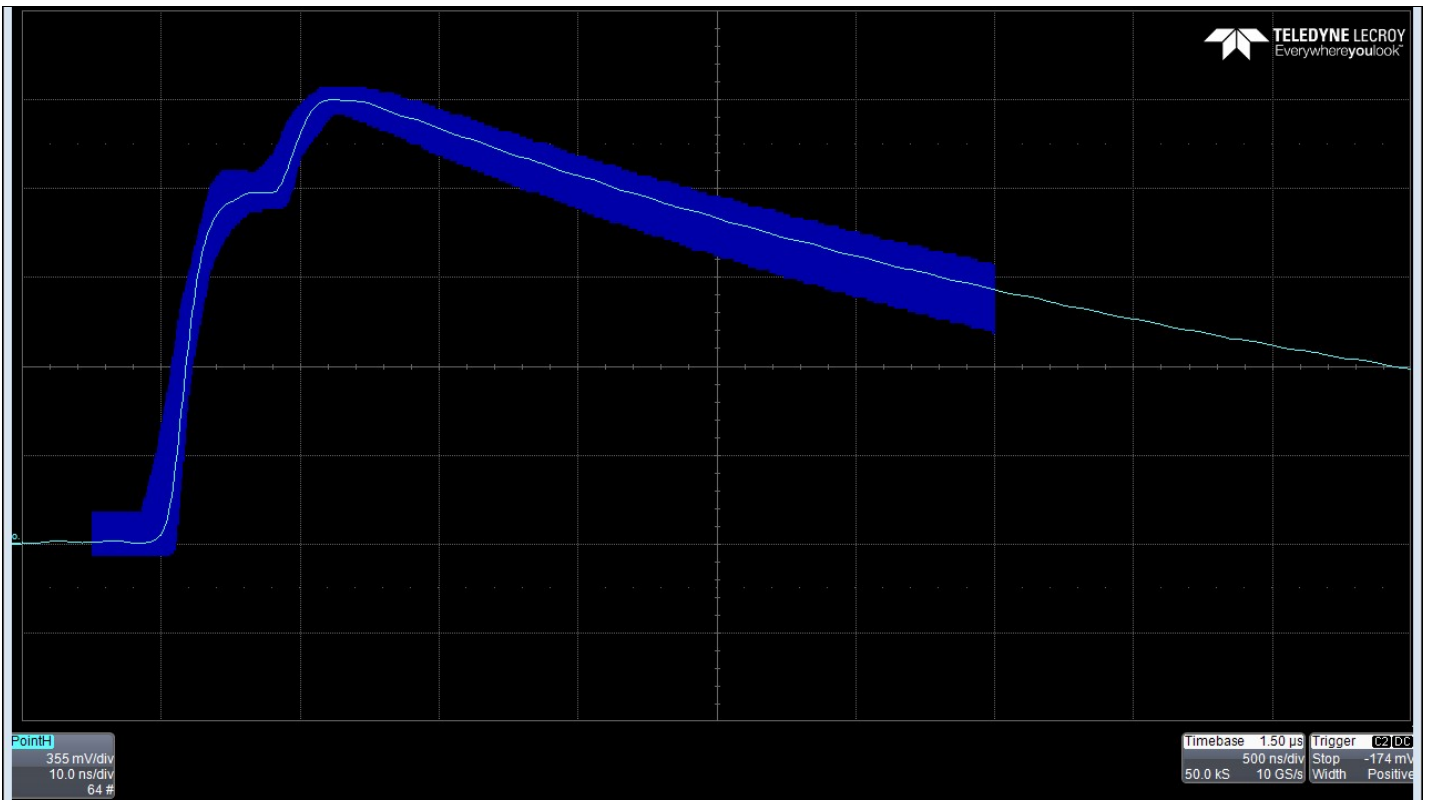
1000Base-T Mode 1, Point C
Timestamp: 11/14/2023 10:38:54



1000Base-T Mode 1, Point D
Timestamp: 11/14/2023 10:38:55




1000Base-T Mode 1, Point F
Timestamp: 11/14/2023 10:38:56




1000Base-T Mode 1, Point H
Timestamp: 11/14/2023 10:38:57

Test 40.6.1.2.3 - Differential output templates


[\[Up\]](#)

 Pass	Measurement: Point A Mask (Pair D)		
	Current Value: -1.000	Test Criteria: match	
	Timestamp: 11/14/2023 10:40:33	Limit Name: 1000BT-Point-A-Mask	


[\[Up\]](#)

 Pass	Measurement: Point B Mask (Pair D)		
	Current Value: -1.000	Test Criteria: match	
	Timestamp: 11/14/2023 10:40:33	Limit Name: 1000BT-Point-B-Mask	


[\[Up\]](#)

 Pass	Measurement: Point C Mask (Pair D)		
	Current Value: -1.000	Test Criteria: match	
	Timestamp: 11/14/2023 10:40:33	Limit Name: 1000BT-Point-C-Mask	


[\[Up\]](#)

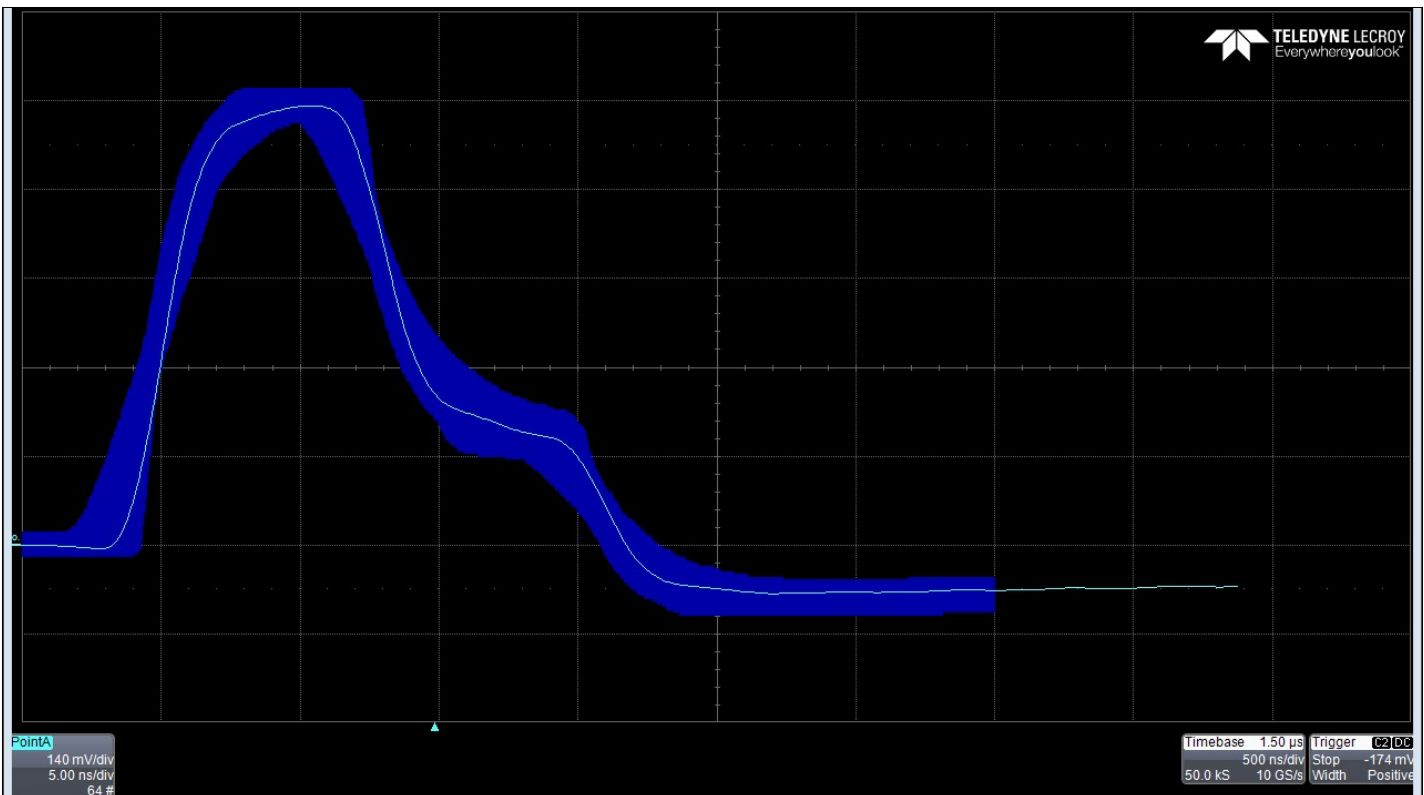
 Pass	Measurement: Point D Mask (Pair D)		
	Current Value: -1.000	Test Criteria: match	
	Timestamp: 11/14/2023 10:40:33	Limit Name: 1000BT-Point-D-Mask	

[\[Up\]](#)

 Pass	Measurement: Point F Mask (Pair D)		
	Current Value: -1.000	Test Criteria: match	
	Timestamp: 11/14/2023 10:40:33	Limit Name: 1000BT-Point-F-Mask	

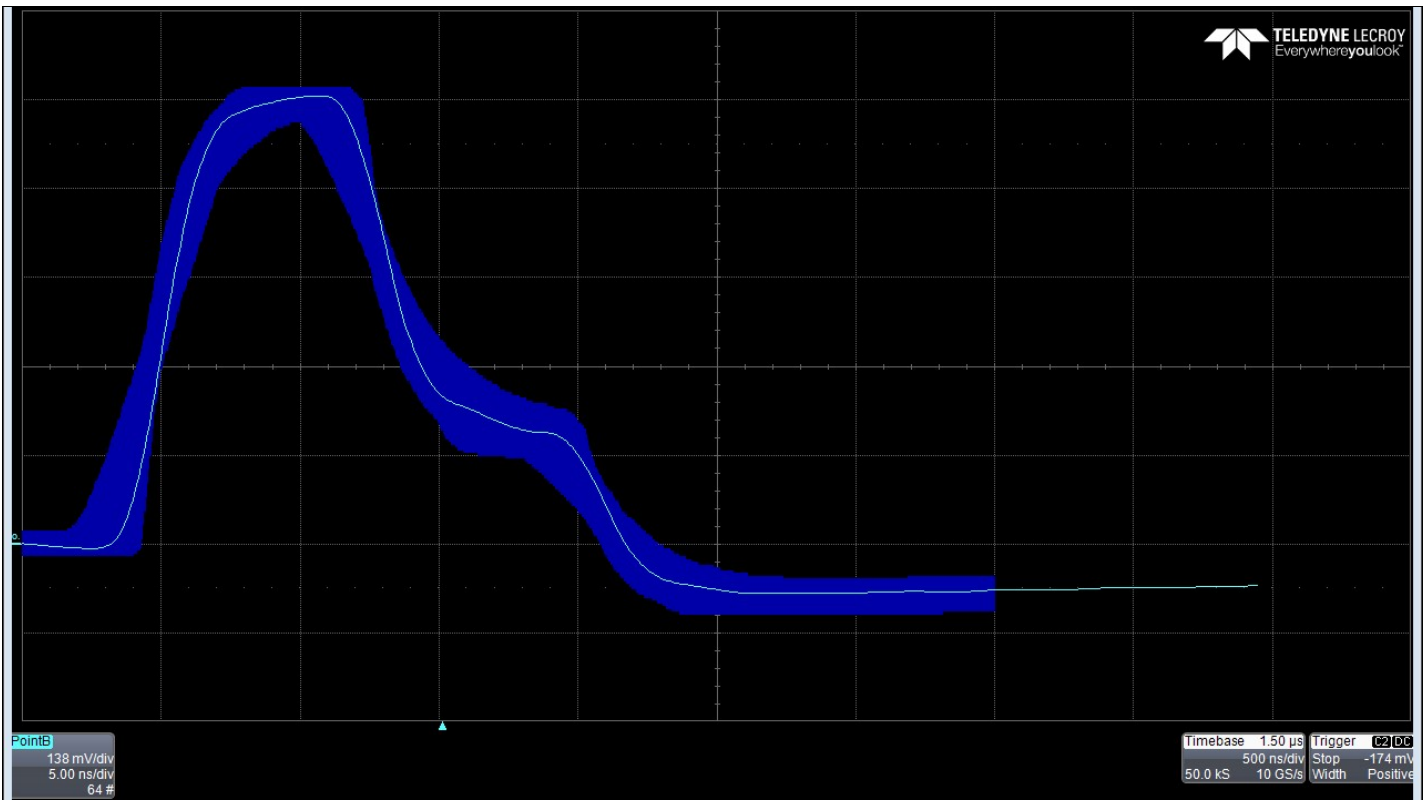
[\[Up\]](#)

 Pass	Measurement: Point H Mask (Pair D)		
	Current Value: -1.000	Test Criteria: match	
	Timestamp: 11/14/2023 10:40:33	Limit Name: 1000BT-Point-H-Mask	

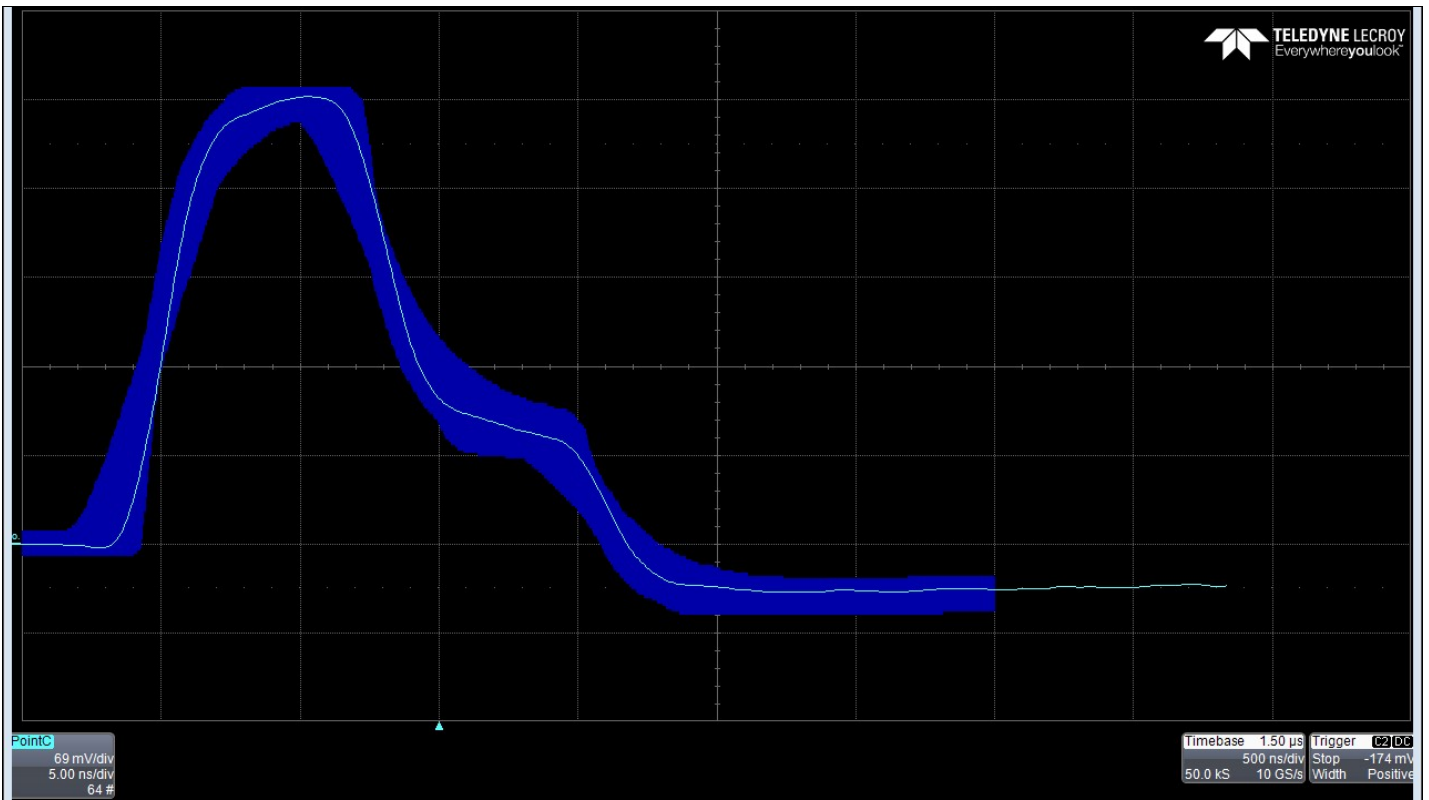


1000Base-T Mode 1, Point A

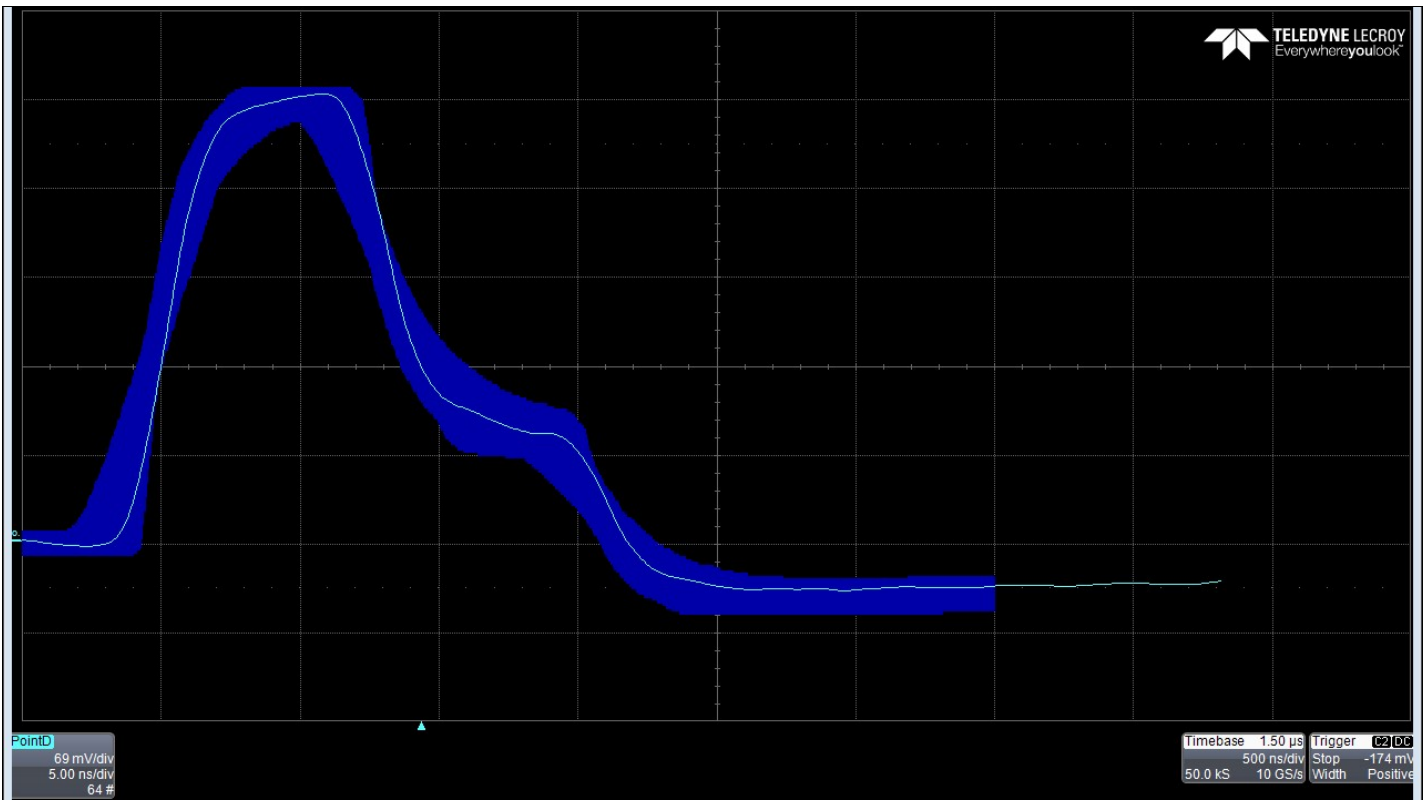
Timestamp: 11/14/2023 10:40:35



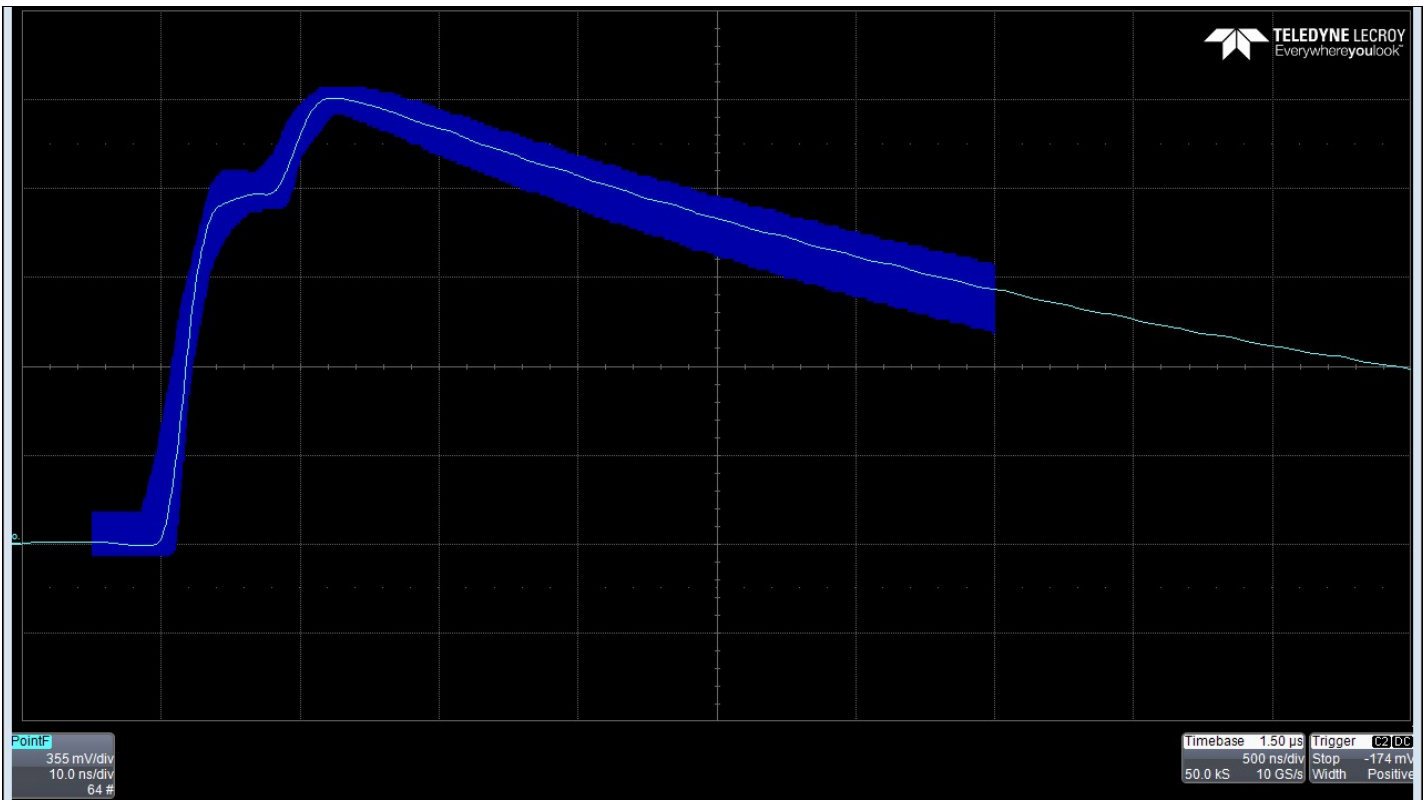
1000Base-T Mode 1, Point B
Timestamp: 11/14/2023 10:40:36



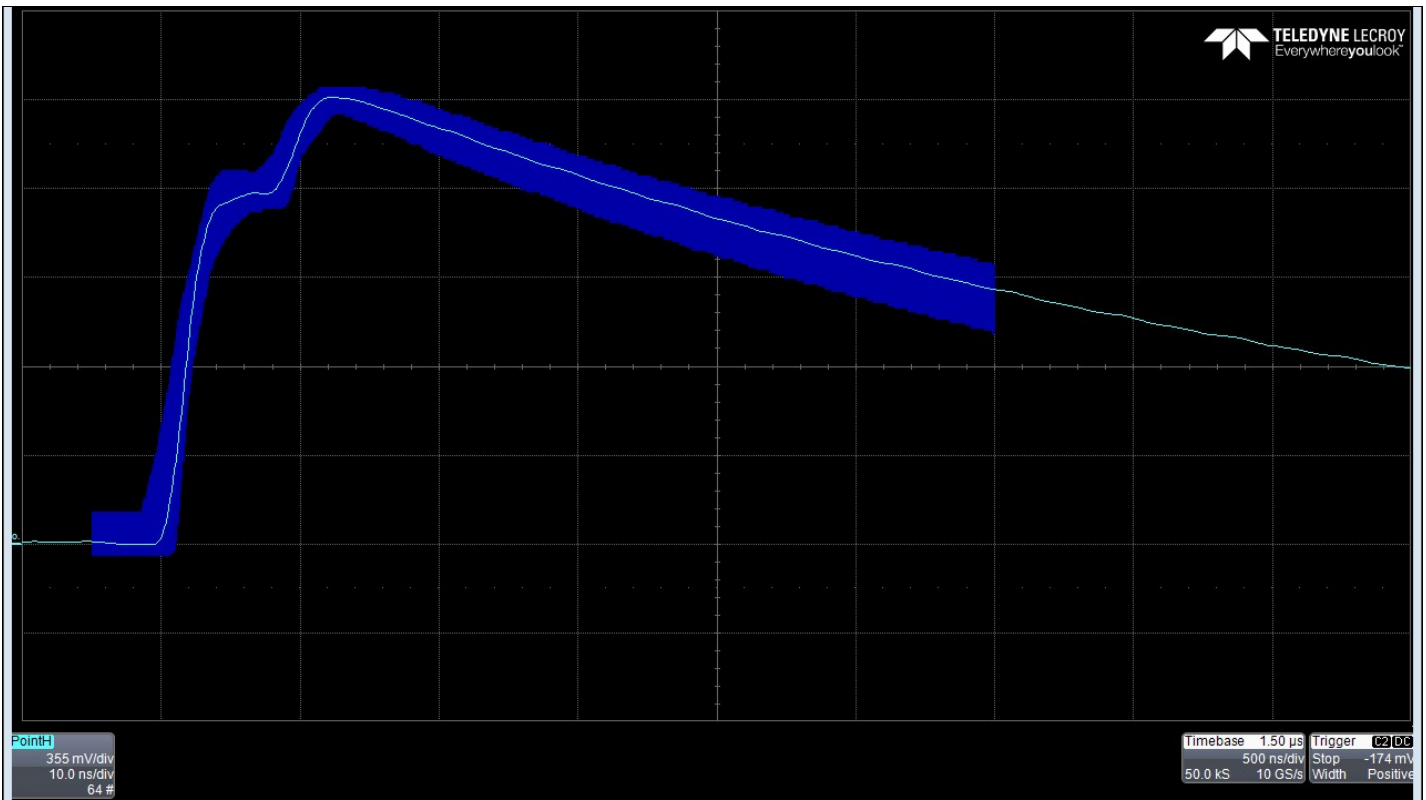
1000Base-T Mode 1, Point C
Timestamp: 11/14/2023 10:40:37



1000Base-T Mode 1, Point D
Timestamp: 11/14/2023 10:40:38




1000Base-T Mode 1, Point F
Timestamp: 11/14/2023 10:40:39




1000Base-T Mode 1, Point H
Timestamp: 11/14/2023 10:40:40

Test 40.6.1.2.4 - Transmitter distortion


[\[Up\]](#)

 Pass	Measurement: Transmitter Distortion (Mode 4) (Pair A)	
	Current Value: 7.70 mV	Test Criteria: $x < 10.00$ mV
	Timestamp: 11/14/2023 10:42:35	Limit Name: 1000BT-Distortion


[\[Up\]](#)

 Pass	Measurement: Transmitter Distortion (Mode 4) (Pair B)	
	Current Value: 8.51 mV	Test Criteria: $x < 10.00$ mV
	Timestamp: 11/14/2023 10:43:57	Limit Name: 1000BT-Distortion

[\[Up\]](#)


 Pass	Measurement: Transmitter Distortion (Mode 4) (Pair C)	
	Current Value: 6.91 mV	Test Criteria: $x < 10.00$ mV
	Timestamp: 11/14/2023 10:45:21	Limit Name: 1000BT-Distortion

[\[Up\]](#)


 Pass	Measurement: Transmitter Distortion (Mode 4) (Pair D)	
	Current Value: 6.47 mV	Test Criteria: $x < 10.00$ mV
	Timestamp: 11/14/2023 10:46:45	Limit Name: 1000BT-Distortion

Test 40.6.1.2.5 - Transmitter timing jitter Mode 2


[\[Up\]](#)

 Pass	Measurement: Mode 2 Master UnFiltered Jitter (No TX_TCLK) (Pair A)	
	Current Value: 273 ps	Test Criteria: $x < 1.400$ ns
	Timestamp: 11/14/2023 10:48:35	Limit Name: 1000BT-Mode2-Unfiltered


[\[Up\]](#)

 Pass	Measurement: Mode 2 Master Filtered Jitter (No TX_TCLK) (Pair A)	
	Current Value: 270 ps	Test Criteria: $x < 300$ ps
	Timestamp: 11/14/2023 10:48:35	Limit Name: 1000BT-Mode2-Filtered


[\[Up\]](#)

 Pass	Measurement: Mode 2 Master UnFiltered Jitter (No TX_TCLK) (Pair B)	
	Current Value: 248 ps	Test Criteria: $x < 1.400$ ns
	Timestamp: 11/14/2023 10:49:58	Limit Name: 1000BT-Mode2-Unfiltered


[\[Up\]](#)

 Pass	Measurement: Mode 2 Master Filtered Jitter (No TX_TCLK) (Pair B)	
	Current Value: 246 ps	Test Criteria: $x < 300$ ps
	Timestamp: 11/14/2023 10:49:58	Limit Name: 1000BT-Mode2-Filtered


[\[Up\]](#)

 Pass	Measurement: Mode 2 Master UnFiltered Jitter (No TX_TCLK) (Pair C)	
	Current Value: 255 ps	Test Criteria: $x < 1.400$ ns
	Timestamp: 11/14/2023 10:51:32	Limit Name: 1000BT-Mode2-Unfiltered


[\[Up\]](#)

 Pass	Measurement: Mode 2 Master Filtered Jitter (No TX_TCLK) (Pair C)	
	Current Value: 261 ps	Test Criteria: $x < 300$ ps
	Timestamp: 11/14/2023 10:51:32	Limit Name: 1000BT-Mode2-Filtered

[\[Up\]](#)


 Pass	Measurement: Mode 2 Master UnFiltered Jitter (No TX_TCLK) (Pair D)	
	Current Value: 245 ps	Test Criteria: $x < 1.400$ ns
	Timestamp: 11/14/2023 10:53:15	Limit Name: 1000BT-Mode2-Unfiltered

[\[Up\]](#)


 Pass	Measurement: Mode 2 Master Filtered Jitter (No TX_TCLK) (Pair D)	
	Current Value: 245 ps	Test Criteria: x < 300 ps
	Timestamp: 11/14/2023 10:53:15	Limit Name: 1000BT-Mode2-Filtered

Test 40.6.1.2.5 - Transmitter timing jitter Mode 3


[\[Up\]](#)

 Pass	Measurement: Slave Unfiltered Jitter	
	Current Value: 206 ps	Test Criteria: x < 1.400 ns
	Timestamp: 11/14/2023 10:55:00	Limit Name: 1000BT-Mode3-Unfiltered


[\[Up\]](#)

 Pass	Measurement: Slave Filtered Jitter	
	Current Value: 398 ps	Test Criteria: x < 400 ps
	Timestamp: 11/14/2023 10:55:00	Limit Name: 1000BT-Mode3-filtered


[\[Up\]](#)

 Pass	Measurement: Slave Unfiltered Jitter	
	Current Value: 160 ps	Test Criteria: x < 1.400 ns
	Timestamp: 11/14/2023 10:56:27	Limit Name: 1000BT-Mode3-Unfiltered


[\[Up\]](#)

 Pass	Measurement: Slave Filtered Jitter	
	Current Value: 393 ps	Test Criteria: x < 400 ps
	Timestamp: 11/14/2023 10:56:27	Limit Name: 1000BT-Mode3-filtered

[\[Up\]](#)

 Pass	Measurement: Slave Unfiltered Jitter	
	Current Value: 140 ps	Test Criteria: x < 1.400 ns
	Timestamp: 11/14/2023 11:00:49	Limit Name: 1000BT-Mode3-Unfiltered

[\[Up\]](#)

 Pass	Measurement: Slave Filtered Jitter	
	Current Value: 366 ps	Test Criteria: x < 400 ps
	Timestamp: 11/14/2023 11:00:49	Limit Name: 1000BT-Mode3-filtered

--- End of report ---