

## USB2 Test Report

**Overall result: Pass**

DUT:

Comment:

Time of session start: 07/27/2021 14:37:50

Operator:

Temperature 26° C

Standard in use: USB2

Session ID: 5, Continuation #: 1:

Time of run: 2021/07/27 14:37:50

Configuration in use: High Speed Host - All Tests (Copy)

Limits in use: USB Limits

Oscilloscope Name: LCRY0430N58276 Model: SDA820ZI-B

Oscilloscope Serial #: LCRY0430N58276

Computer: LCRY0430N58276

Oscilloscope firmware version: 9.2.0.4 (Build 278085)

QualiPHY core version: 8.8.0.3 (Build 1000001)

QualiPHY script version: 8.8.0.3

Stylesheet version: 1.2.0.7

PassFailFromUSBIFScript: Yes

RecordMoreScreens: Yes

















StartingPortNumber: 1

USBET script version: 1.31.01

USB-IF MATLAB® script version: 2.22.03 (Not in use)

# Summary Table

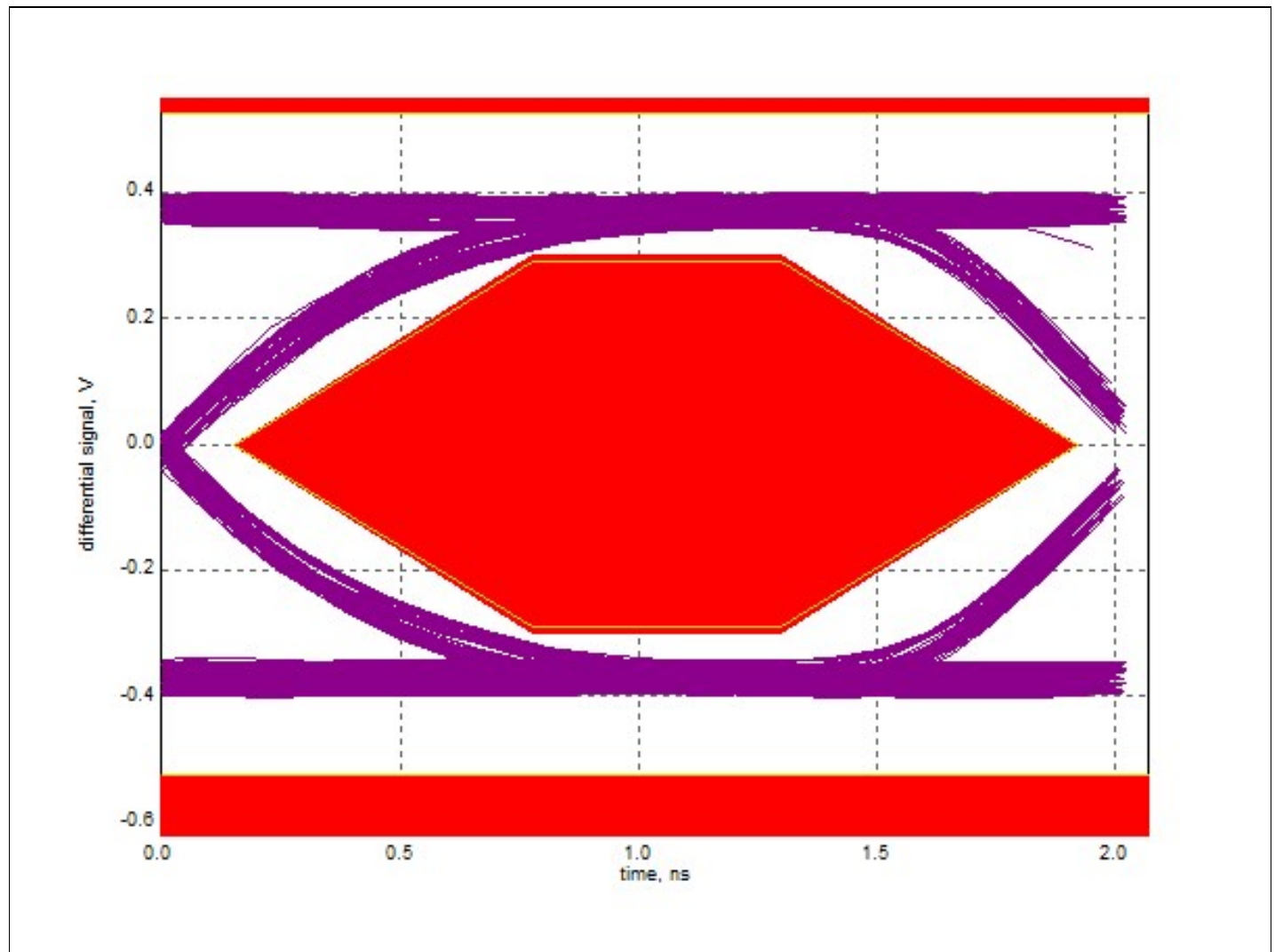
[Hide Table]

Pass	#	Test	Measurement	Current Value	Test Criteria
	1	EL_<2,3,6,7>	<a href="#">Signal Quality Overall Result</a>	pass	matchAnyIgnoreCase
	1	EL_2	<a href="#">Signal Rate</a>	480.029700 Mbits	Informational Only
	1	EL_3	<a href="#">Max Consecutive Jitter</a>	57.41 ps	Informational Only
	1	EL_3	<a href="#">Min Consecutive Jitter</a>	-53.08 ps	Informational Only
	1	EL_3	<a href="#">Mean Consecutive Jitter</a>	21.58 ps	Informational Only
	1	EL_3	<a href="#">Max JK Jitter</a>	60.21 ps	Informational Only
	1	EL_3	<a href="#">Min JK Jitter</a>	-37.94 ps	Informational Only
	1	EL_3	<a href="#">RMS JK Jitter</a>	13.68 ps	Informational Only
	1	EL_3	<a href="#">Max KJ Jitter</a>	55.21 ps	Informational Only
	1	EL_3	<a href="#">Min KJ Jitter</a>	-46.68 ps	Informational Only
	1	EL_3	<a href="#">RMS KJ Jitter</a>	9.78 ps	Informational Only
	1	EL_6	<a href="#">Rising Edge Rate</a>	693.710 MV/s	Informational Only
	1	EL_6	<a href="#">Rise Time</a>	922.58 ps	Informational Only
	1	EL_6	<a href="#">Falling Edge Rate</a>	728.130 MV/s	Informational Only
	1	EL_6	<a href="#">Fall Time</a>	878.96 ps	Informational Only
	1	EL_7	<a href="#">Monotonic Edge</a>	0 mV	Informational Only

## Details

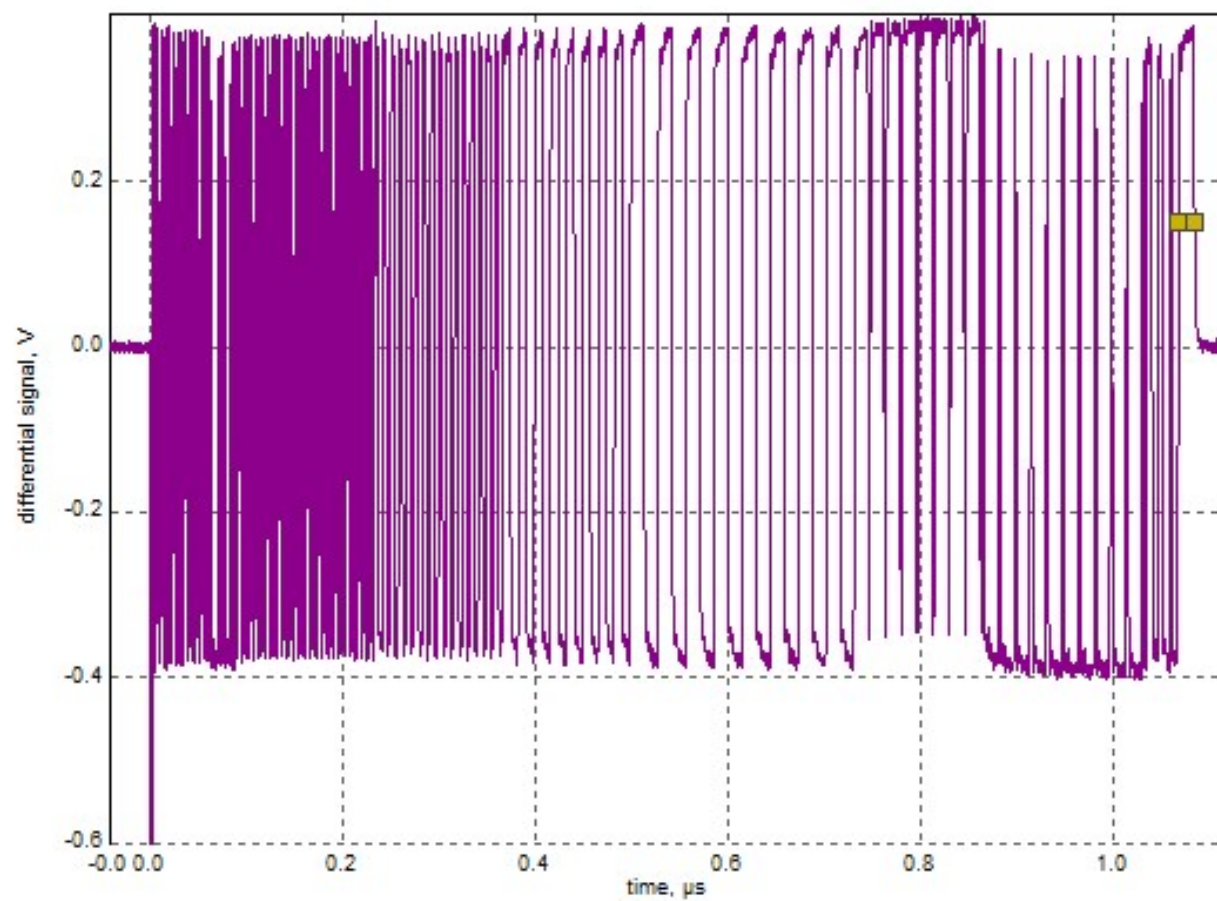
### \*\*\* Host Downstream Port Tests \*\*\*

#### EL\_<2,3,6,7> - HS Downstream Signal Quality



Upstream Eye Diagram, Path on Scope: D:\Applications\USB2\Results\HSDownstreamSQ3Eye.png


Timestamp: 07/27/2021 14:38:16




**Scope Capture Data Plot, Path on Scope: D:\Applications\USB2\Results\HSDownstreamSQ3Plot.png**

Timestamp: 07/27/2021 14:38:16


**USB-IF Report - Click below to view**[click here to view](#)[\[ Up \]](#)

 <b>Pass</b>	Measurement: <b>Signal Quality Overall Result</b>		
	Current Value: pass	Test Criteria: matchAnyIgnoreCase	
	Timestamp: 07/27/2021 14:38:16	Limit Name: PassMatchStrict	


[\[ Up \]](#)

	Measurement: <b>Signal Rate</b>		
	Current Value: 480.029700 Mbits	Test Criteria: Informational Only	
	Timestamp: 07/27/2021 14:38:16	Limit Name: InfoOnlyBits	


[\[ Up \]](#)

	Measurement: <b>Max Consecutive Jitter</b>		
	Current Value: 57.41 ps	Test Criteria: Informational Only	
	Timestamp: 07/27/2021 14:38:16	Limit Name: InfoOnlypS	


[\[ Up \]](#)

	Measurement: <b>Min Consecutive Jitter</b>		
	Current Value: -53.08 ps	Test Criteria: Informational Only	
	Timestamp: 07/27/2021 14:38:16	Limit Name: InfoOnlypS	


[\[ Up \]](#)

	Measurement: <b>Mean Consecutive Jitter</b>		
	Current Value: 21.58 ps	Test Criteria: Informational Only	
	Timestamp: 07/27/2021 14:38:16	Limit Name: InfoOnlypS	


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	Measurement: <b>Max JK Jitter</b>		
	Current Value: 60.21 ps	Test Criteria: Informational Only	
	Timestamp: 07/27/2021 14:38:16	Limit Name: InfoOnlypS	


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	Measurement: <b>Min JK Jitter</b>		
	Current Value: -37.94 ps	Test Criteria: Informational Only	
	Timestamp: 07/27/2021 14:38:16	Limit Name: InfoOnlypS	


[\[ Up \]](#)

	Measurement: <b>RMS JK Jitter</b>		
	Current Value: 13.68 ps	Test Criteria: Informational Only	
	Timestamp: 07/27/2021 14:38:16	Limit Name: InfoOnlypS	


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	Measurement: <b>Max KJ Jitter</b>		
	Current Value: 55.21 ps	Test Criteria: Informational Only	
	Timestamp: 07/27/2021 14:38:16	Limit Name: InfoOnlypS	


[\[ Up \]](#)

	Measurement: <b>Min KJ Jitter</b>		
	Current Value: -46.68 ps	Test Criteria: Informational Only	
	Timestamp: 07/27/2021 14:38:16	Limit Name: InfoOnlypS	


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	Measurement: <b>RMS KJ Jitter</b>		
	Current Value: 9.78 ps	Test Criteria: Informational Only	
	Timestamp: 07/27/2021 14:38:16	Limit Name: InfoOnlypS	


[\[ Up \]](#)

	Measurement: <b>Rising Edge Rate</b>		
	Current Value: 693.710 MV/s	Test Criteria: Informational Only	
	Timestamp: 07/27/2021 14:38:16	Limit Name: InfoOnlySlew	


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	Measurement: <b>Rise Time</b>		
	Current Value: 922.58 ps	Test Criteria: Informational Only	
	Timestamp: 07/27/2021 14:38:16	Limit Name: InfoOnlypS	


[\[ Up \]](#)

	Measurement: <b>Falling Edge Rate</b>		
	Current Value: 728.130 MV/s	Test Criteria: Informational Only	
	Timestamp: 07/27/2021 14:38:16	Limit Name: InfoOnlySlew	

[\[ Up \]](#)

	Measurement: <b>Fall Time</b>		
	Current Value: 878.96 ps	Test Criteria: Informational Only	
	Timestamp: 07/27/2021 14:38:16	Limit Name: InfoOnlypS	

[\[ Up \]](#)

	Measurement: <b>Monotonic Edge</b>		
	Current Value: 0 mV	Test Criteria: Informational Only	
	Timestamp: 07/27/2021 14:38:16	Limit Name: InfoOnlymV	

--- End of report ---