

USB2 Test Report

Overall result: Fail

DUT: chery CP3
Comment: A0 Sample
Time of session start: 06/11/2025 17:25:46
Operator: Zhang Feng
Temperature: 25° C
Standard in use: USB2

Session ID: 352, Continuation #: 1:

Time of run: 2025/06/11 17:25:49
Configuration in use: High Speed Host - SQ test only
Limits in use: USB Limits
Oscilloscope Name: LCRY0858N75511 Model: WM813ZI-B
Oscilloscope Serial #: LCRY0858N75511
Computer: LCRY0858N75511
Oscilloscope firmware version: 9.9.0.5 (Build 359124)
QualiPHY core version: 9.9.0.3 (Build 1000001)

QualiPHY script version: 9.9.0.3
Stylesheet version: 1.2.0.8
PassFailFromUSBIFScript: Yes
RecordMoreScreens: Yes
StartingPortNumber: 1
USBET script version: 1.32.02
USB-IF MATLAB® script ver: 2.22.03 (Note: USB-IF MATLAB not in use - USBET is being used this run)

Summary Table

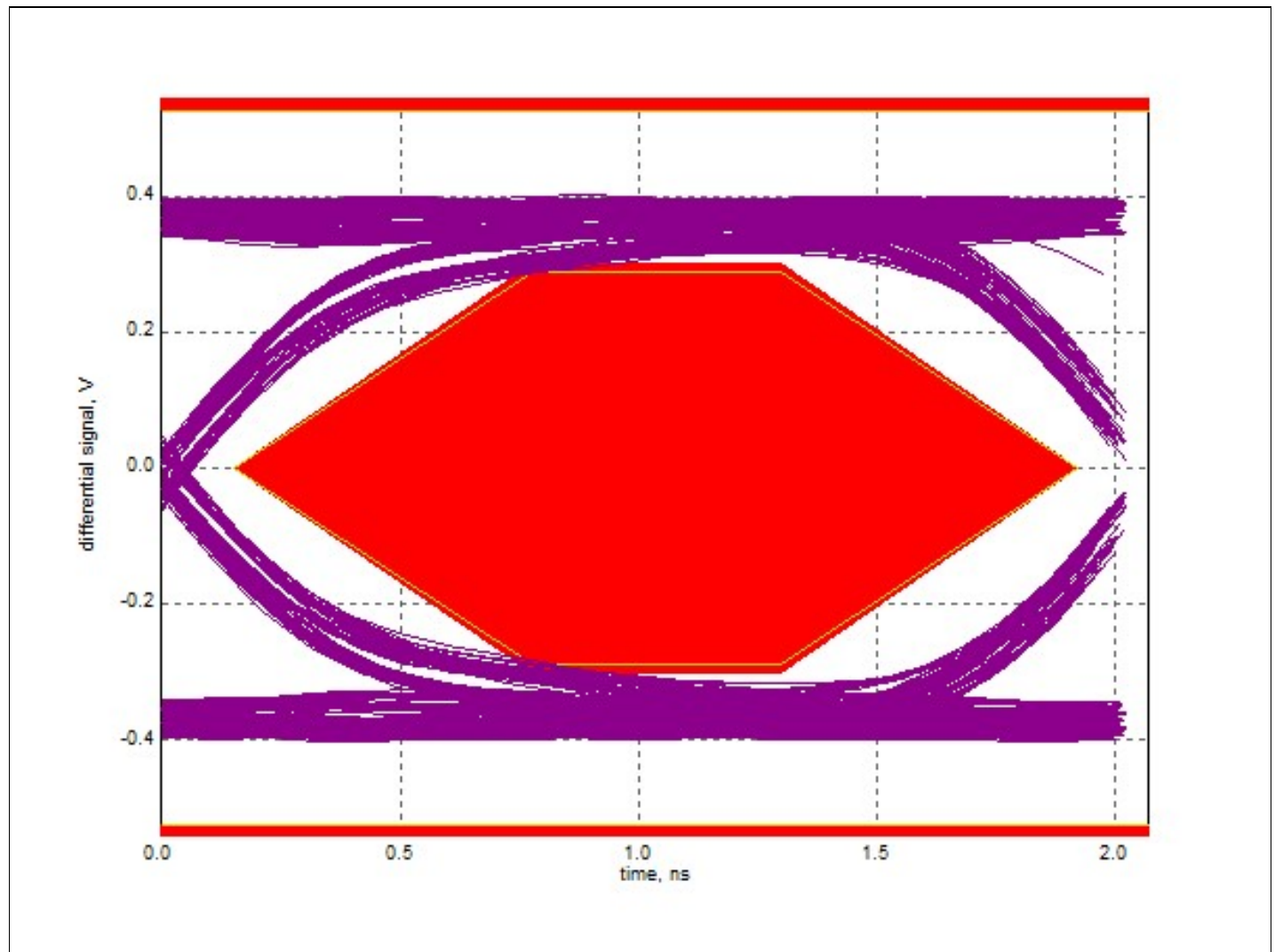
[Hide Table]

Pass	#	Test	Measurement	Current Value	Test Criteria
	1	EL_<2,3,6,7>	Signal Quality Overall Result	fail	matchAnyIgnoreCase
	1	EL_<2,3,6,7>	Signal Rate	480.032000 Mbits	Informational Only
	1	EL_<2,3,6,7>	Max Consecutive Jitter	71.68 ps	Informational Only
	1	EL_<2,3,6,7>	Min Consecutive Jitter	-50.40 ps	Informational Only
	1	EL_<2,3,6,7>	Mean Consecutive Jitter	27.56 ps	Informational Only
	1	EL_<2,3,6,7>	Max JK Jitter	31.25 ps	Informational Only
	1	EL_<2,3,6,7>	Min JK Jitter	-37.68 ps	Informational Only
	1	EL_<2,3,6,7>	RMS JK Jitter	9.55 ps	Informational Only
	1	EL_<2,3,6,7>	Max KJ Jitter	57.46 ps	Informational Only
	1	EL_<2,3,6,7>	Min KJ Jitter	-55.27 ps	Informational Only
	1	EL_<2,3,6,7>	RMS KJ Jitter	12.42 ps	Informational Only
	1	EL_<2,3,6,7>	Rising Edge Rate	811.930 MV/s	Informational Only
	1	EL_<2,3,6,7>	Rise Time	788.25 ps	Informational Only
	1	EL_<2,3,6,7>	Falling Edge Rate	800.360 MV/s	Informational Only
	1	EL_<2,3,6,7>	Fall Time	799.64 ps	Informational Only
	1	EL_<2,3,6,7>	Monotonic Edge	0 mV	Informational Only

Details

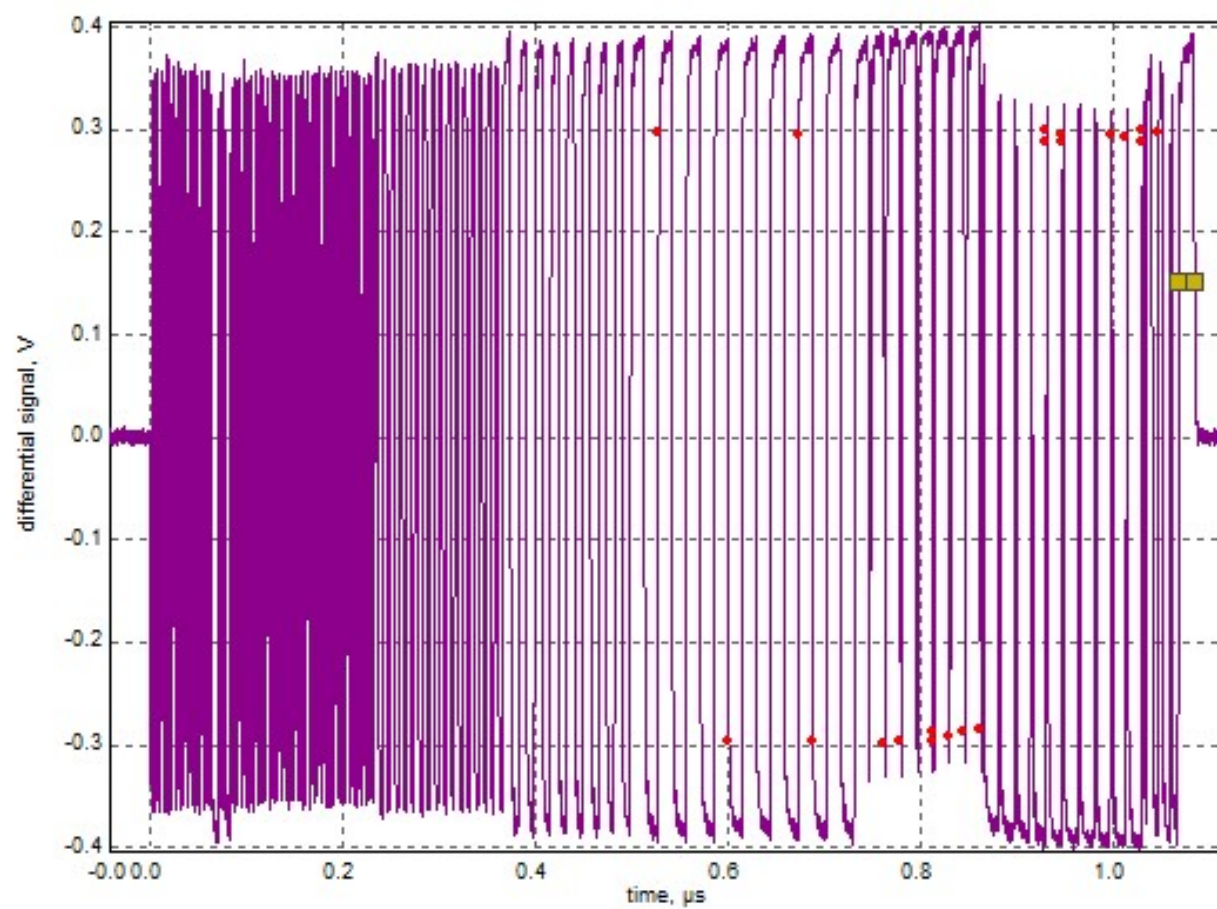
*** Host Downstream Port Tests ***

EL_<2,3,6,7> - HS Downstream Signal Quality



Upstream Eye Diagram, Path on Scope: D:\Applications\USB2\Results\HSDownstreamSQ493Eye.png

Timestamp: 06/11/2025 17:26:22



Scope Capture Data Plot, Path on Scope: D:\Applications\USB2\Results\HSDownstreamSQ493Plot.png

Timestamp: 06/11/2025 17:26:22

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

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	Measurement: Signal Rate		
	Current Value: 480.032000 Mbits	Test Criteria: Informational Only	
	Timestamp: 06/11/2025 17:26:22	Limit Name: InfoOnlyBits	

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	Measurement: Max Consecutive Jitter		
	Current Value: 71.68 ps	Test Criteria: Informational Only	
	Timestamp: 06/11/2025 17:26:22	Limit Name: InfoOnlypS	

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	Measurement: Min Consecutive Jitter		
	Current Value: -50.40 ps	Test Criteria: Informational Only	
	Timestamp: 06/11/2025 17:26:22	Limit Name: InfoOnlypS	

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	Measurement: Mean Consecutive Jitter		
	Current Value: 27.56 ps	Test Criteria: Informational Only	
	Timestamp: 06/11/2025 17:26:22	Limit Name: InfoOnlypS	

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	Measurement: Max JK Jitter		
	Current Value: 31.25 ps	Test Criteria: Informational Only	
	Timestamp: 06/11/2025 17:26:22	Limit Name: InfoOnlypS	

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	Measurement: Min JK Jitter		
	Current Value: -37.68 ps	Test Criteria: Informational Only	
	Timestamp: 06/11/2025 17:26:22	Limit Name: InfoOnlypS	

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	Measurement: RMS JK Jitter		
	Current Value: 9.55 ps	Test Criteria: Informational Only	
	Timestamp: 06/11/2025 17:26:22	Limit Name: InfoOnlypS	

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	Measurement: Max KJ Jitter		
	Current Value: 57.46 ps	Test Criteria: Informational Only	
	Timestamp: 06/11/2025 17:26:22	Limit Name: InfoOnlypS	

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	Measurement: Min KJ Jitter		
	Current Value: -55.27 ps	Test Criteria: Informational Only	
	Timestamp: 06/11/2025 17:26:22	Limit Name: InfoOnlypS	

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	Measurement: RMS KJ Jitter		
	Current Value: 12.42 ps	Test Criteria: Informational Only	
	Timestamp: 06/11/2025 17:26:22	Limit Name: InfoOnlypS	

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	Measurement: Rising Edge Rate		
	Current Value: 811.930 MV/s	Test Criteria: Informational Only	
	Timestamp: 06/11/2025 17:26:22	Limit Name: InfoOnlySlew	

[\[Up \]](#)

	Measurement: Rise Time		
	Current Value: 788.25 ps	Test Criteria: Informational Only	
	Timestamp: 06/11/2025 17:26:22	Limit Name: InfoOnlypS	

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	Measurement: Falling Edge Rate		
	Current Value: 800.360 MV/s	Test Criteria: Informational Only	
	Timestamp: 06/11/2025 17:26:22	Limit Name: InfoOnlySlew	

[\[Up \]](#)

	Measurement: Fall Time		
	Current Value: 799.64 ps	Test Criteria: Informational Only	
	Timestamp: 06/11/2025 17:26:22	Limit Name: InfoOnlypS	

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	Measurement: Monotonic Edge		
	Current Value: 0 mV	Test Criteria: Informational Only	
	Timestamp: 06/11/2025 17:26:22	Limit Name: InfoOnlymV	

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