



PCIe 4.0 TX Test Report

Overall result: Pass

DUT: JS-S02
Comment: JACK MB all preset
Time of session start: 04/14/2025 17:09:13
Operator: Aetina-Kevin
Temperature: 22° C
Standard in use: PCIe 4.0 TX

Session ID: 42, Continuation #: 1:

Time of run: 2025/04/14 17:09:21
Configuration in use: System TX ,Gen3-4,All Preset
Limits in use: Default
Oscilloscope Name: LCRY3324N75647 Model: MCM-ZI-A
Oscilloscope Serial #: LCRY3324N75647
Computer: LCRY3324N75647
Oscilloscope firmware version: 11.0.0.3 (Build 400548)
QualiPHY core version: 11.0.0.5 (Build 400840)

QualiPHY script version: 11.0.0.5
Stylesheet version: 1.2.0.8
Acquisition module(s): LCRY2764N75659 - 25 GHz
DUT Type: System
AcquireLiveData: True
SignalsDifferential: False
SignalSourceP: C1
SignalSourceN: C2
SigTest version: 16G: 4.0.52, 8G: 3.2.0.3
Waveform path on oscilloscope: D:\Waveforms\PCIE4\TX\JS-S02

Summary Table

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Pass	#	Test	Measurement	Current Value	Test Criteria
✓	1	8.0	16G Preset test- P4	Pass	match
✓	1	8.0	16G Preset test- P1	Pass	match
✓	1	8.0	16G Preset test- P0	Pass	match
✓	1	8.0	16G Preset test- P9	Pass	match
✓	1	8.0	16G Preset test- P8	Pass	match
✓	1	8.0	16G Preset test- P7	Pass	match
✓	1	8.0	16G Preset test- P5	Pass	match
✓	1	8.0	16G Preset test- P6	Pass	match
✓	1	8.0	16G Preset test- P3	Pass	match
✓	1	8.0	16G Preset test- P2	Pass	match
✓	1	8.0	16G Preset test- P10	Pass	match
✓	1	8.0	Preset test at 16G - All presets	Pass	Pass

Details

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 Pass	Measurement: 16G Preset test- P4	
	Current Value: Pass	Test Criteria: match
	Timestamp: 04/14/2025 17:18:51	Limit Name: SigTestPass
	Description: 16G Preset test result : Vb = 865.86 mV, De-emphasis = 0.0 dB, Preshoot = 0.0 dB	

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 Pass	Measurement: 16G Preset test- P1	
	Current Value: Pass	Test Criteria: match
	Timestamp: 04/14/2025 17:18:51	Limit Name: SigTestPass
	Description: 16G Preset test result : Vb = 634.02 mV, De-emphasis = -2.71 dB, Preshoot = 0.0 dB	

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 Pass	Measurement: 16G Preset test- P0	
	Current Value: Pass	Test Criteria: match
	Timestamp: 04/14/2025 17:18:52	Limit Name: SigTestPass
	Description: 16G Preset test result : Vb = 501.63 mV, De-emphasis = -4.74 dB, Preshoot = 0.0 dB	

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 Pass	Measurement: 16G Preset test- P9	
	Current Value: Pass	Test Criteria: match
	Timestamp: 04/14/2025 17:18:52	Limit Name: SigTestPass
	Description: 16G Preset test result : Vb = 633.51 mV, De-emphasis = 0.0 dB, Preshoot = 2.71 dB	

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 Pass	Measurement: 16G Preset test- P8	
	Current Value: Pass	Test Criteria: match
	Timestamp: 04/14/2025 17:18:52	Limit Name: SigTestPass
	Description: 16G Preset test result : Vb = 474.77 mV, De-emphasis = -3.16 dB, Preshoot = 3.16 dB	

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 Pass	Measurement: 16G Preset test- P7	
	Current Value: Pass	Test Criteria: match
	Timestamp: 04/14/2025 17:18:52	Limit Name: SigTestPass
	Description: 16G Preset test result : Vb = 415.32 mV, De-emphasis = -4.89 dB, Preshoot = 2.93 dB	

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 Pass	Measurement: 16G Preset test- P5	
	Current Value: Pass	Test Criteria: match
	Timestamp: 04/14/2025 17:18:52	Limit Name: SigTestPass
	Description: 16G Preset test result : Vb = 728.97 mV, De-emphasis = 0.0 dB, Preshoot = 1.49 dB	

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 Pass	Measurement: 16G Preset test- P6	
	Current Value: Pass	Test Criteria: match
	Timestamp: 04/14/2025 17:18:52	Limit Name: SigTestPass
	Description: 16G Preset test result : Vb = 683.04 mV, De-emphasis = 0.0 dB, Preshoot = 2.06 dB	

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 Pass	Measurement: 16G Preset test- P3	
	Current Value: Pass	Test Criteria: match
	Timestamp: 04/14/2025 17:18:52	Limit Name: SigTestPass
	Description: 16G Preset test result : Vb = 683.17 mV, De-emphasis = -2.06 dB, Preshoot = 0.0 dB	

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 Pass	Measurement: 16G Preset test- P2	
	Current Value: Pass	Test Criteria: match
	Timestamp: 04/14/2025 17:18:52	Limit Name: SigTestPass
	Description: 16G Preset test result : Vb = 582.12 mV, De-emphasis = -3.45 dB, Preshoot = 0.0 dB	

[\[Up \]](#)

 Pass	Measurement: 16G Preset test- P10	
	Current Value: Pass	Test Criteria: match
	Timestamp: 04/14/2025 17:18:52	Limit Name: SigTestPass
	Description: 16G Preset test result : Vb = 324.18 mV, De-emphasis = -8.53 dB, Preshoot = 0.0 dB	

[\[Up \]](#)

 Pass	Measurement: Preset test at 16G - All presets	
	Current Value: Pass	Test Criteria: Pass
	Timestamp: 04/14/2025 17:18:52	Limit Name: info
	Description: 16G Preset test result	

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