

# Results for c:\Users\Tek\_Local\_Admin\Desktop\test report\sak4\debug\u.2\gen3\con2\lane0 data

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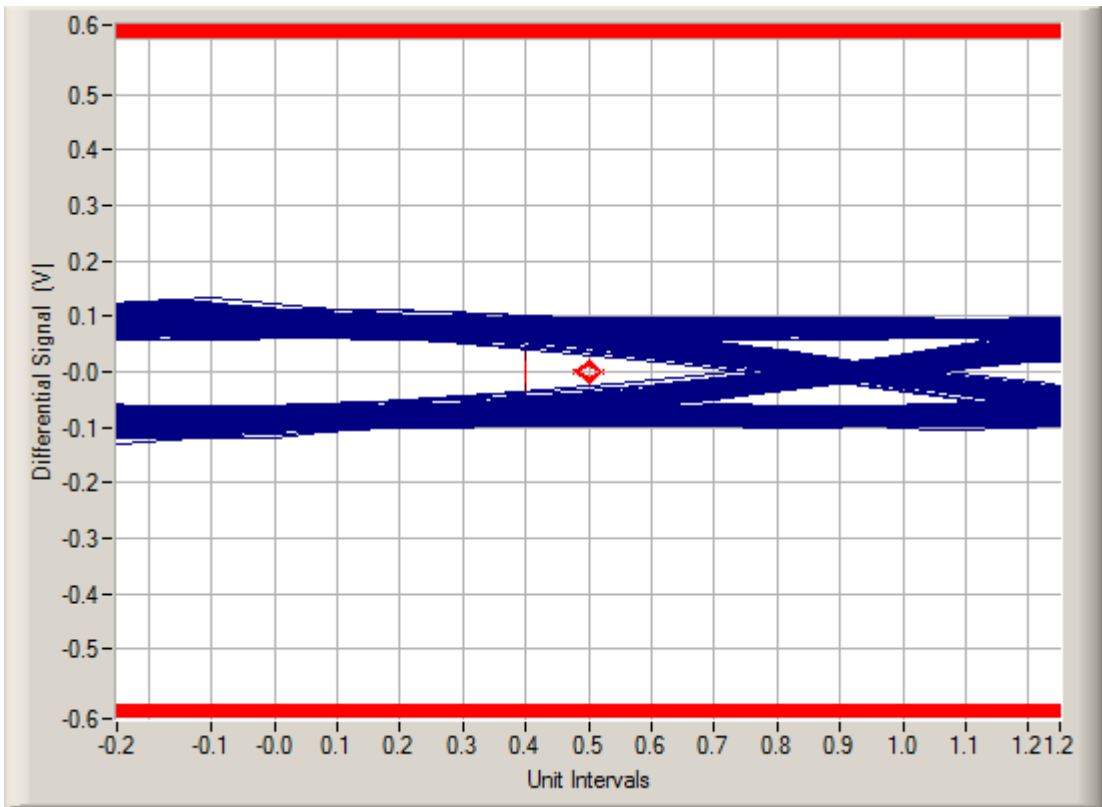
## *Sigtest:*

- Overall Sigtest Result: **Fail!**
- Mean Unit Interval (ps): 125.081148
- Min Time Between Crossovers (ps): 99.96461
- Data Rate (Gb/s): 7.99481
- Max Peak to Peak Jitter: 62.320418 ps
- Total Jitter at BER of 10E-12: 79.28516 ps  
Total Jitter at BER of 10E-12 Passes Sigtest Limits!
- Minimum eye width: 45.71484 ps
- Deterministic Jitter Delta-Delta: 19.365199 ps  
Deterministic Jitter Delta-Delta Passes Sigtest Limits!
- Random Jitter (RMS): 4.261733 ps  
Random Jitter (RMS) Fails Sigtest Limits!
- Minimum Transition Eye Voltage: -0.128885 volts  
Minimum Transition Eye Voltage Passes Sigtest Limits!
- Maximum Transition Eye Voltage: 0.1327 volts  
Maximum Transition Eye Voltage Passes Sigtest Limits!

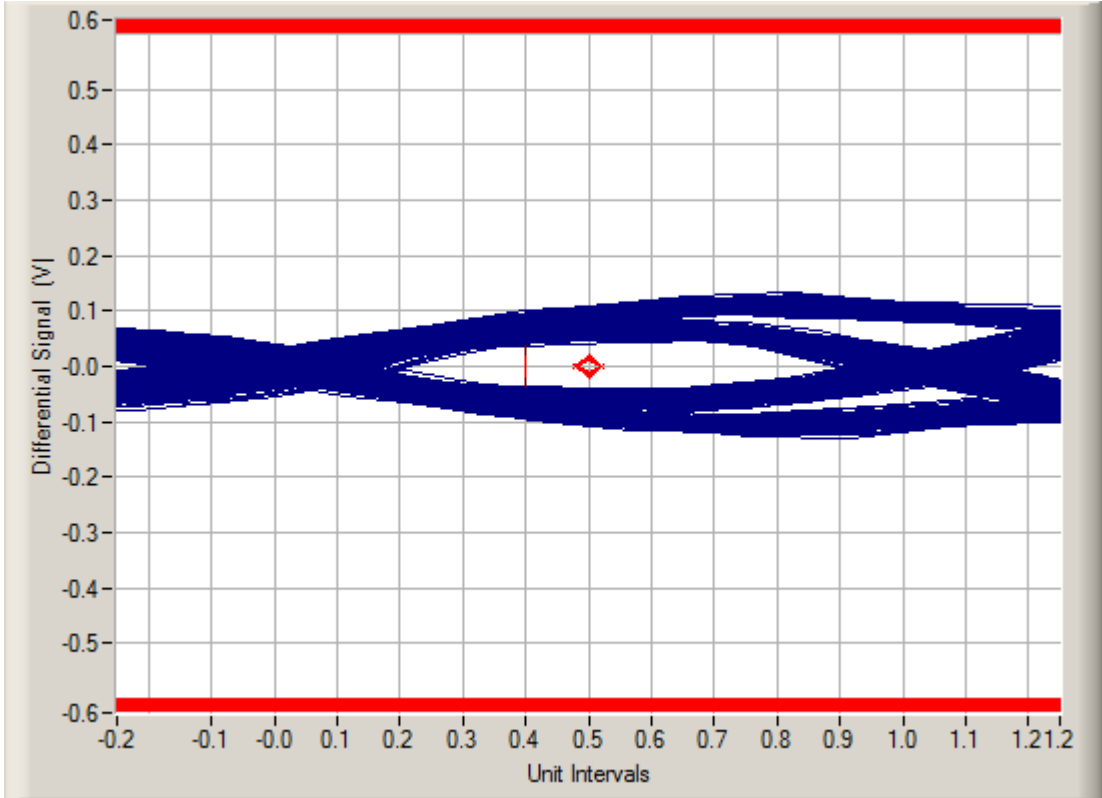
- **Minimum Non Transition Eye Voltage: -0.128501 volts**  
**Minimum Non Transition Eye Voltage Passes Sigtest Limits!**
- **Maximum Non Transition Eye Voltage: 0.133814 volts**  
**Maximum Non Transition Eye Voltage Passes Sigtest Limits!**
- **Composit Eye Height: 0.071778**
- **Composit Eye Location: 0.4**
- **Minimum Transition Eye Voltage Margin Above Eye: 0.02025 volts**  
**Minimum Transition Eye Voltage Margin Above Eye Passes Sigtest Limits!**
- **Minimum Transition Eye Voltage Margin Below Eye: -0.016337 volts**  
**Minimum Transition Eye Voltage Margin Below Eye Passes Sigtest Limits!**
- **Minimum Transition Eye Height: 0.082587 volts**
- **Minimum Non Transition Eye Voltage Margin Above Eye: 0.018873 volts**  
**Minimum Non Transition Eye Voltage Margin Above Eye Passes Sigtest Limits!**
- **Minimum Non Transition Eye Voltage Margin Below Eye: -0.011654 volts**  
**Minimum Non Transition Eye Voltage Margin Below Eye Passes Sigtest Limits!**
- **Minimum Non Transition Eye Height: 0.076527 volts**

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***Worst Non Transition Signal Eye***



***Worst Transition Signal Eye***



**TEMPLATE FILE SETTINGS**

- **Template File: PCIE\_3\_0\_SYS \ PCIE\_3\_8GB\_CEM\_DUAL\_PORT**
- **Nominal Data Rate (bits/sec): 8000000000.0**
- **Target Unit Interval (s): 1.25e-010**
- **Minimum Time Allowed Between Crossovers (s): 7.5e-011**
- **Minimum Data For Testing (UI): 200**
- **Ambiguous UI Resolution Method: EYE\_AMBIGUOUS\_NONE (0)**
- **Tj@E-12 Peak to Peak Jitter Limit (s): 8.375e-011**
- **Rj (RMS) Jitter Limit (s): 3.0e-012**
- **CTLE equalization index = 4**
- **DFE equalization: Tap 1 = 6.944598, Tap 2 unused**
- **Compliance pattern preset = 1**
- **Compliance pattern lane = 0**

**Sigtest Version: 3.2.0**