

Near End High Speed Signal Quality Test

Results for SigQual40

For details on test setup, methodology, and performance criteria, please consult the signal quality test description at the [USB-IF Compliance Program](#) web page.

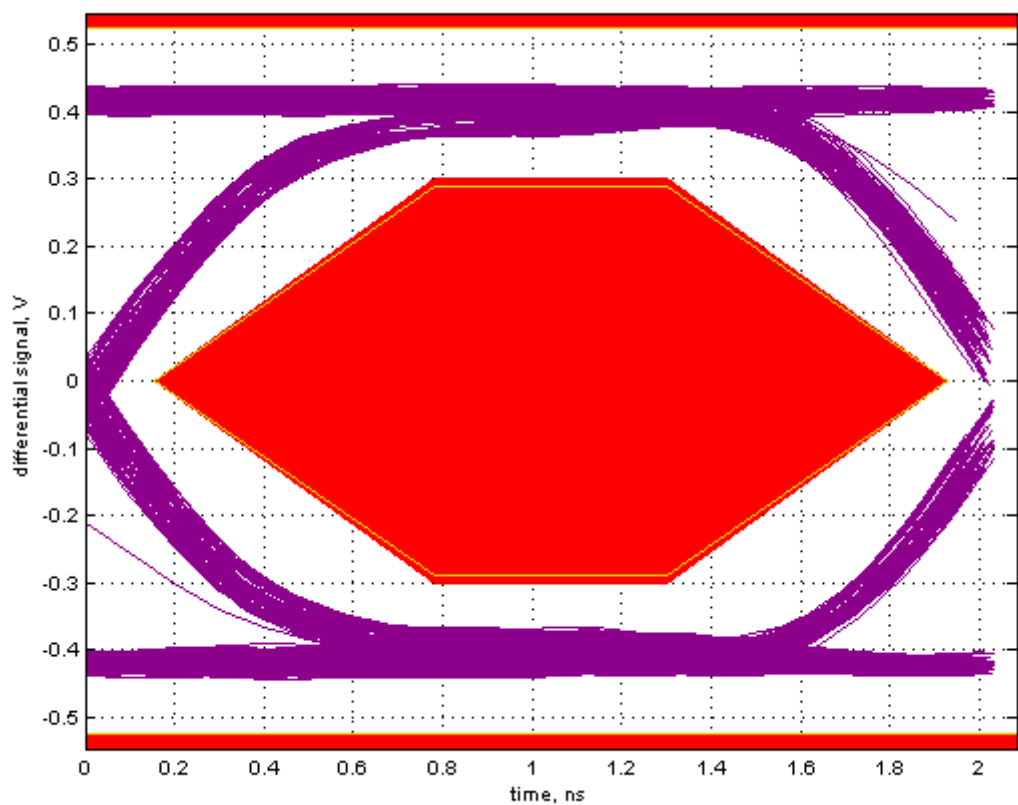
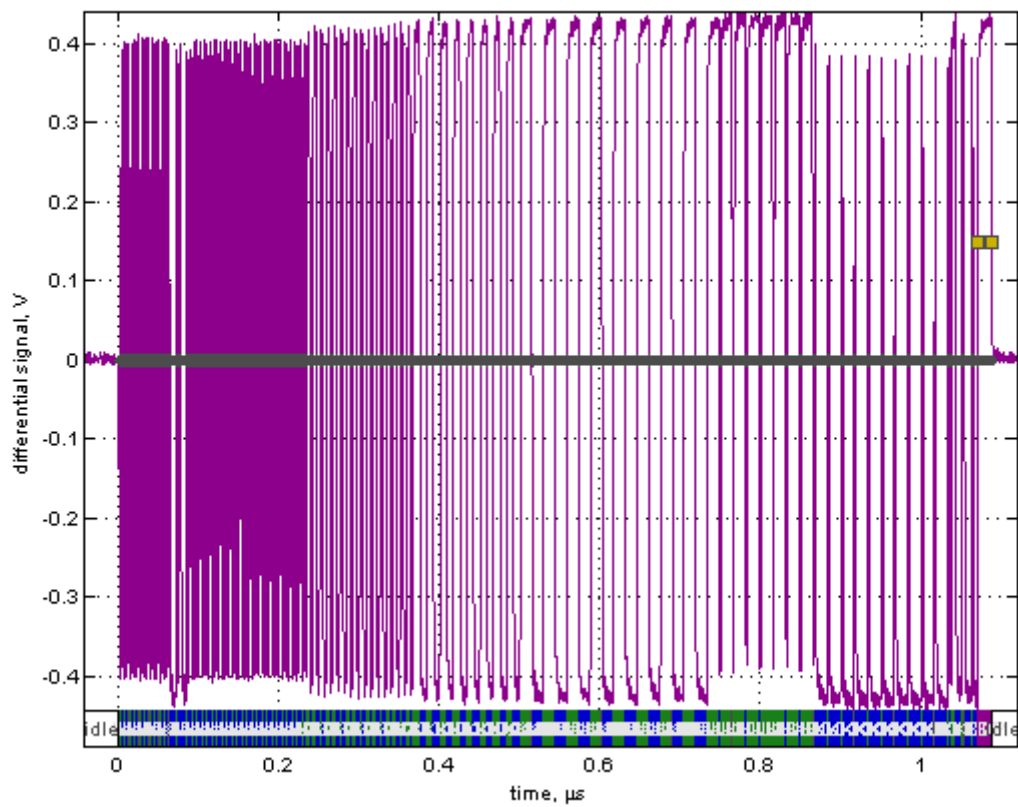
Required Tests

- Overall result: pass!
- Signal eye:
eye passes
- EOP width: 7.96 bits
EOP width passes
- Measured signaling rate: 479.9404 MHz
signal rate passes
- Rising Edge Rate: 943.10 V/us (678.61 ps equivalent risetime)
passes
- Falling Edge Rate: 966.38 V/us (662.26 ps equivalent risetime)
passes

Additional Information

- Consecutive jitter range: -81.930 ps to 71.482 ps, RMS jitter 36.739 ps
Paired JK jitter range: -20.378 ps to 20.978 ps, RMS jitter 7.657 ps
Paired KJ jitter range: -21.435 ps to 32.028 ps, RMS jitter 8.697 ps

Signal Data and Eye



Tracking Information

- Analysis call: `usbsigcheck('D:\Applications\USB2\Results\SigQual40.tsv', 'hsne', 1)`
- Testing script version: 2.22.03