

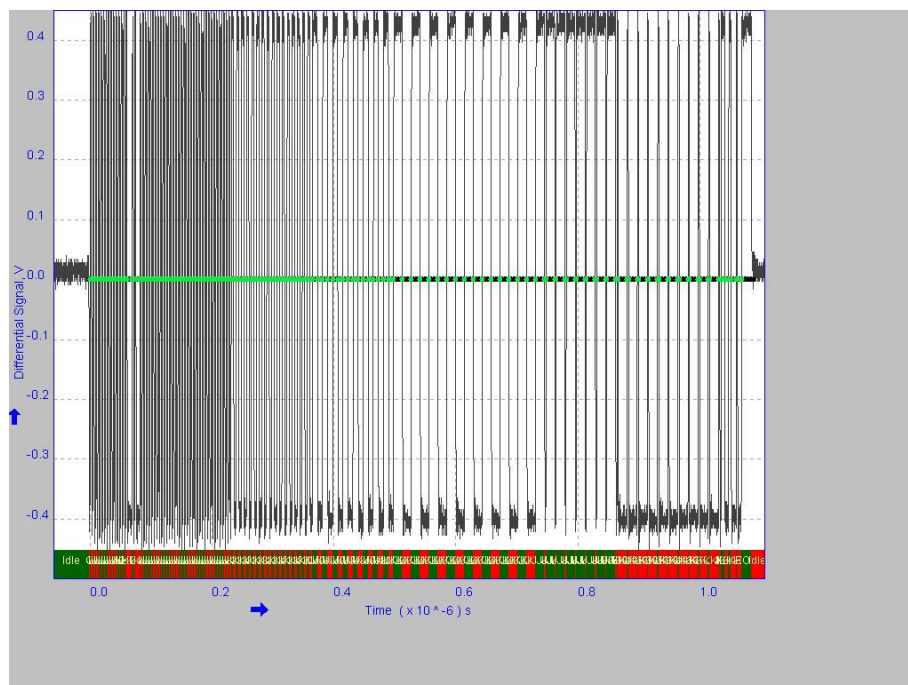
Signal Quality Test Results in Tek format

Device ID: hs_001

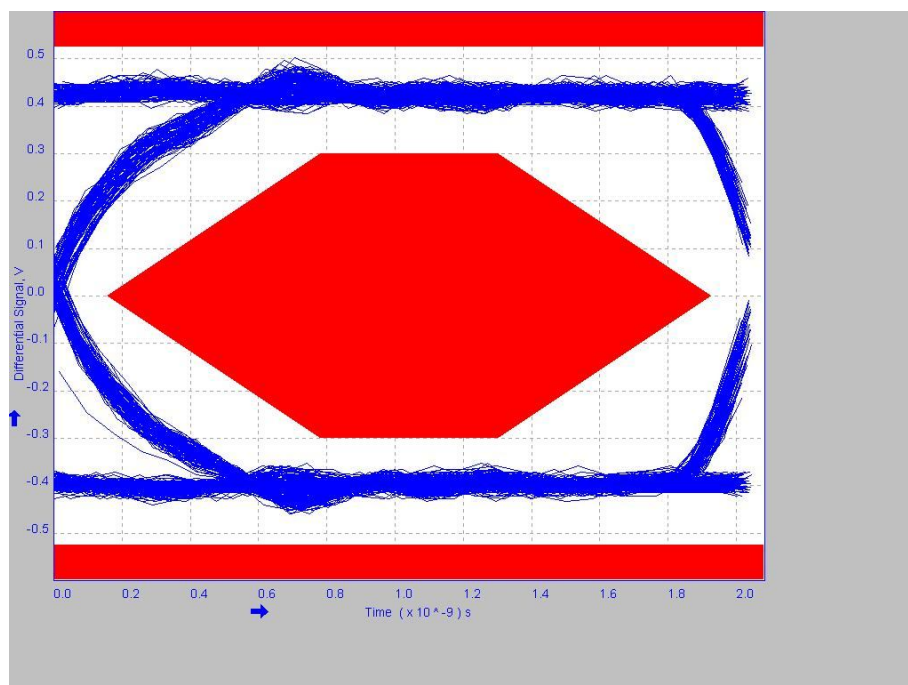
Device Description: High Speed, Near End Device, Down Stream Testing, Tier 6, Dummy Device.

Date: Sat Oct 27 11:09:01 GMT 2018

Overall Result: **Pass***



Waveform Plot



Eye Diagram

Results based on USB-IF / Waiver Limits :

	Minimum	Maximum	Mean	pk-pk		RMS	Population	Status
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Measurement Name					Standard Deviation			
Monotonic Property	-	-	-	-	-	-	0	Pass
Eye Diagram Test	-	-	-	-	-	-	-	Pass
Signal Rate	467.7262Mbps	495.7585Mbps	479.9940Mbps	0.0000bps	5.840937Mbps	480.2111Mbps	509	Pass
EOP Width	-	-	16.78569ns	-	-	-	1	Pass
EOP Width (Bits)	-	-	8.057032	-	-	-	1	Pass
Falling Edge Rate	1.410625kV/us	1.885199kV/us	1.623730kV/us	474.5740 V/us	106.1686 V/us	1.627164kV/us	105	Pass
Rising Edge Rate	1.560106kV/us	2.091930kV/us	1.790171kV/us	531.8243 V/us	102.2519 V/us	1.793061kV/us	106	Pass

Monotonicity test is performed on the test limits of 15.0% and 85.0%.

Additional Information :

Consecutive Jitter range : -46.96ps to 49.72ps RMS Jitter 19.74ps
 KJ Paired Jitter range : -49.33ps to 40.44ps RMS Jitter 15.64ps
 JK Paired Jitter range : -45.70ps to 40.11ps RMS Jitter 19.08ps
 Rising Edge Rate:1.790171kV/us (Equivalent Rise Time = 357.51 ps)
 Falling Edge Rate:1.623730kV/us (Equivalent Fall Time = 394.15 ps)

*The Overall Result for this test is **Pass**, because one or more individual status of the measurements is **Pass**. For this test, the recommended configuration for USB2 testing (as per USB-IF) is on Tier 1.



TDSUSB2 software version: 4.0.0.2