

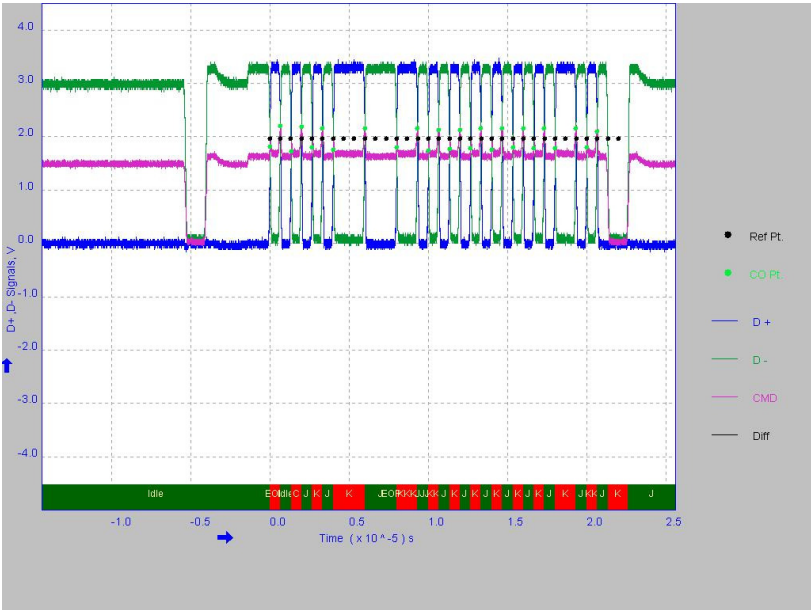
Signal Quality Test Results in Tek format

Device ID:BFX - AT100

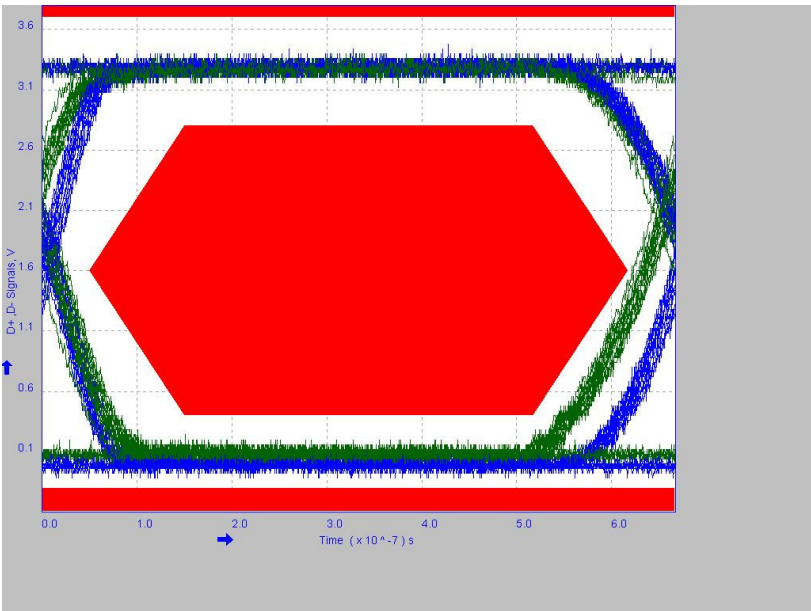
Device Description:Low Speed, Near End Device, Down Stream Testing, Tier 6, High.

Date: Wed May 29 01:42:14 GMT 2019

Overall Result:Pass*



Waveform Plot



Eye Diagram

Results based on USB-IF / Waiver Limits :

Measurement					Standard	DMS	Population
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Measurement Name	Minimum	Maximum	Mean	pk-pk	Standard Deviation	RMS	Repetition	Status
Eye Diagram Test	-	-	-	-	-	-	-	Pass
Signal Rate	1.461988Mbps	1.539409Mbps	1.498739Mbps	0.0000bps	33.49782kbps	1.497978Mbps	29	Pass
Crossover Voltage	1.720000 V	2.200000 V	1.963821 V	480.0000mV	194.1236mV	1.973024 V	26	Conditional Pass
EOP Width	-	-	1.323353us	-	-	-	1	Pass
Consecutive Jitter	-14.85954ns	16.68529ns	-45.51724ps	31.54483ns	9.117495ns	8.925643ns	24	Pass
Paired JK Jitter	-611.4943ps	3.152184ns	1.524765ns	3.763678ns	1.307092ns	1.969284ns	11	Pass
Paired KJ Jitter	-14.85954ns	4.737931ns	-7.260536ps	19.59747ns	4.894872ns	4.686489ns	12	Conditional Pass

Additional Information :

Rising Edge Rate:21.86357 V/us (Equivalent Rise Time = 120.75 ns)

Falling Edge Rate:22.58313 V/us (Equivalent Fall Time = 116.90 ns)

* The Overall Result for this test is **Pass**, because individual status of the measurements is **Pass** and it is performed on Tier 6 (as per USB-IF).



TDSUSB2 software version: 4.0.0.2