

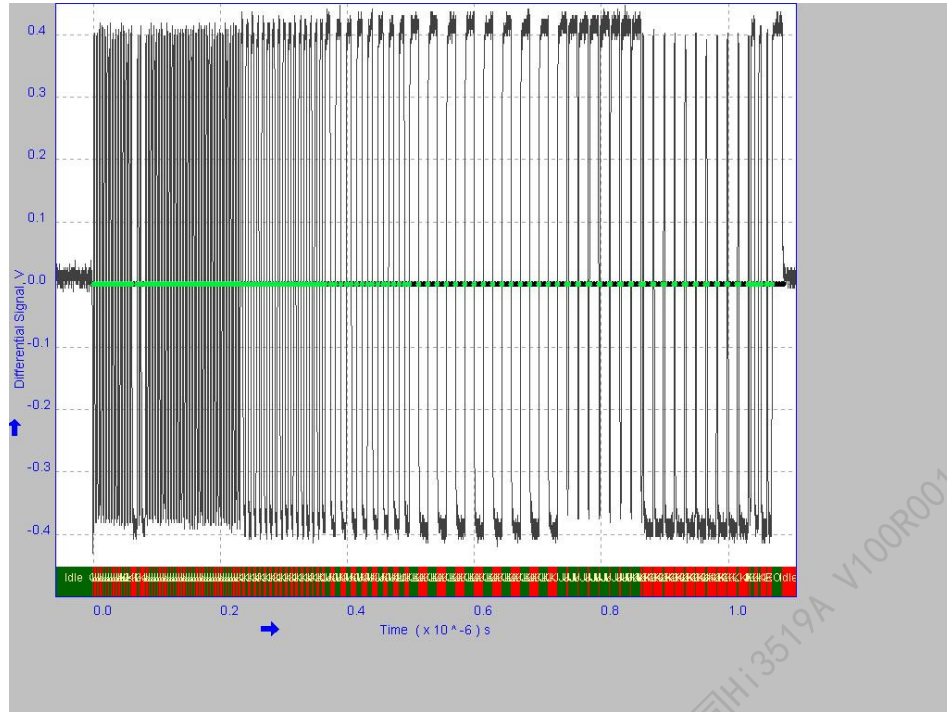
Signal Quality Test Results in Tek format

Device ID: hs_001

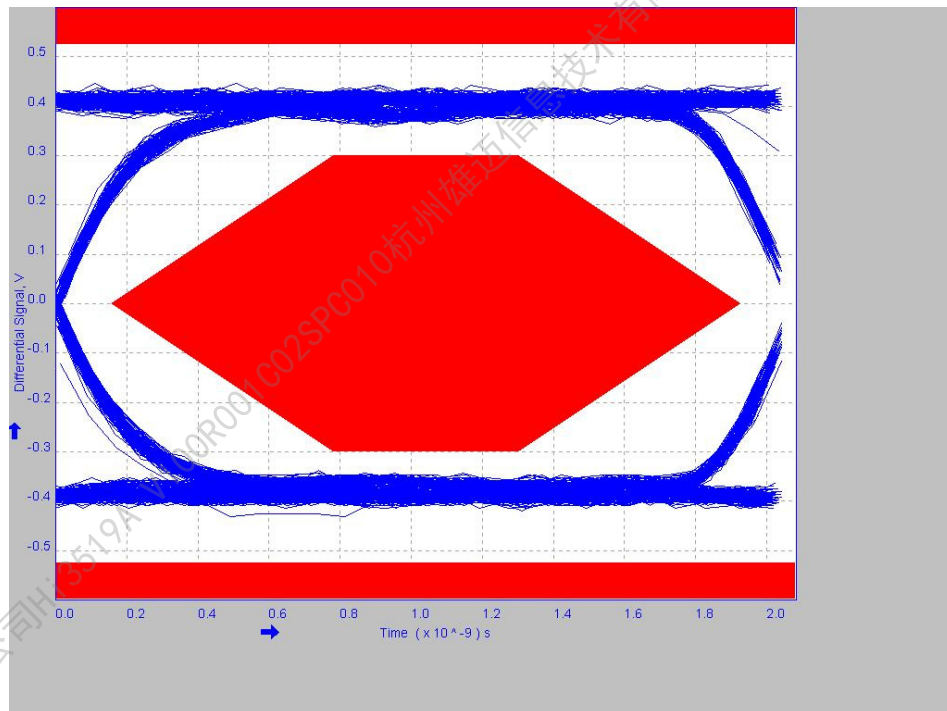
Device Description: High Speed, Near End Device, Down Stream Testing, Tier 6, Dummy Device.

Date: Fri Sep 07 06:29:24 GMT 2018

Overall Result: **Pass***



Waveform Plot



Eye Diagram

Results based on USB-IF / Waiver Limits :

Measurement Name	Minimum	Maximum	Mean	pk-pk	Standard Deviation	RMS	Population	Status
Monotonic Property	-	-	-	-	-	-	0	Pass
Eye Diagram Test	-	-	-	-	-	-	-	Pass
Signal Rate	474.4347Mbps	484.3173Mbps	479.9989Mbps	0.0000bps	1.395261Mbps	479.9999Mbps	509	Pass
EOP Width	-	-	16.89333ns	-	-	-	1	Pass
EOP Width (Bits)	-	-	8.108781	-	-	-	1	Pass
Falling Edge Rate	1.377455kV/us	1.707381kV/us	1.541437kV/us	329.9265 V/us	63.51959 V/us	1.542733kV/us	107	Pass
Rising Edge Rate	1.456355kV/us	1.823623kV/us	1.624314kV/us	367.2687 V/us	83.05187 V/us	1.626416kV/us	108	Pass

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

Additional Information :

Consecutive Jitter range : -24.01ps to 17.52ps RMS Jitter 8.697ps

KJ Paired Jitter range : -19.98ps to 16.68ps RMS Jitter 6.489ps

JK Paired Jitter range : -17.89ps to 20.08ps RMS Jitter 6.573ps

Rising Edge Rate:1.624314kV/us (Equivalent Rise Time = 394.01 ps)

Falling Edge Rate:1.541437kV/us (Equivalent Fall Time = 415.20 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