

						BMS	Population

Measurement Name	Minimum	Maximum	Mean	pk-pk	Standard Deviation	RMS	Population	Status
Monotonic Property	-	-	-	-	-	-	0	Pass
Eye Diagram Test	-	-	-	-	-	-	-	Pass
Signal Rate	469.0832Mbps	494.1599Mbps	479.9853Mbps	0.0000bps	3.555075Mbps	480.3894Mbps	509	Pass
EOP Width	-	-	16.71108ns	-	-	-	1	Pass
EOP Width (Bits)	-	-	8.021074	-	-	-	1	Pass
Falling Edge Rate	874.3939 V/us	1.018700kV/us	944.2977 V/us	144.3060 V/us	30.75310 V/us	944.7937 V/us	107	Pass
Rising Edge Rate	865.5909 V/us	1.037280kV/us	948.4924 V/us	171.6891 V/us	30.74299 V/us	948.9859 V/us	108	Pass

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

Additional Information :

Consecutive Jitter range : -57.08ps to 57.00ps RMS Jitter 21.72ps

KJ Paired Jitter range : -33.62ps to 31.95ps RMS Jitter 14.05ps

JK Paired Jitter range : -47.57ps to 55.18ps RMS Jitter 14.87ps

Rising Edge Rate:948.4924 V/us (Equivalent Rise Time = 674.76 ps)

Falling Edge Rate:944.2977 V/us (Equivalent Fall Time = 677.75 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