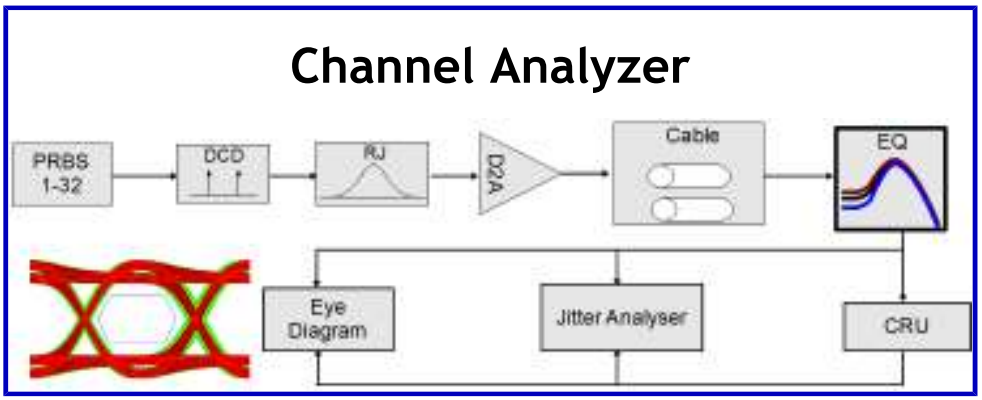

Cable_Analysis\Cable_Model_No_Equalizer_Pre_En Report

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- **Frequency Response function of Cable_Model**

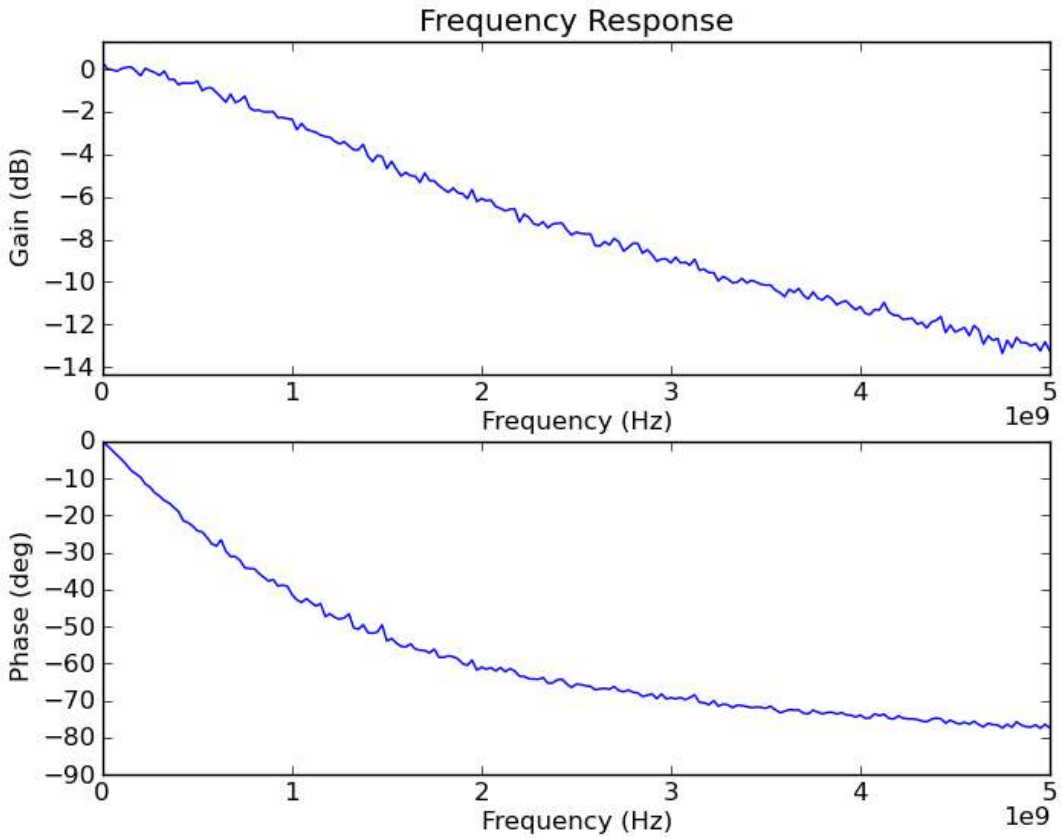

Fig:1 Frequency Response function of Cable_Model

Signal Analysis at the generation point

Analog Parameters on CLOCK channel

- **Jitter Values on CLOCK**

Maximum Measured Data Jitter	TJ(BER=1.000e-12)
2.66214e-11 (s)	4.53247e-11 (s)

- **Jitter Components on CLOCK**

TJ	DJ	RJ	Qber_r	Qber_l	A_r	A_l
4.5325e-11 (s)	2.4767e-12 (s)	3.0642e-12 (s)	6.9990e+00	6.9848e+00	9.6236e-01	1.0376e+00

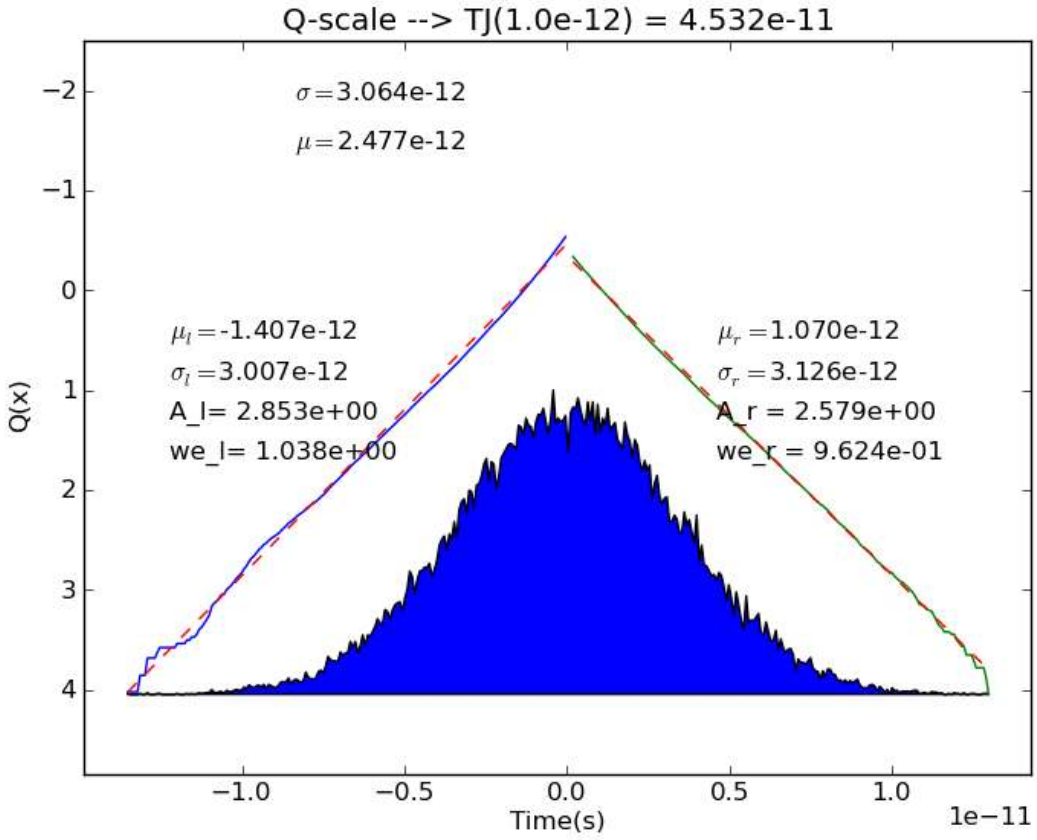

Fig:2 CLOCK Jitter PDF

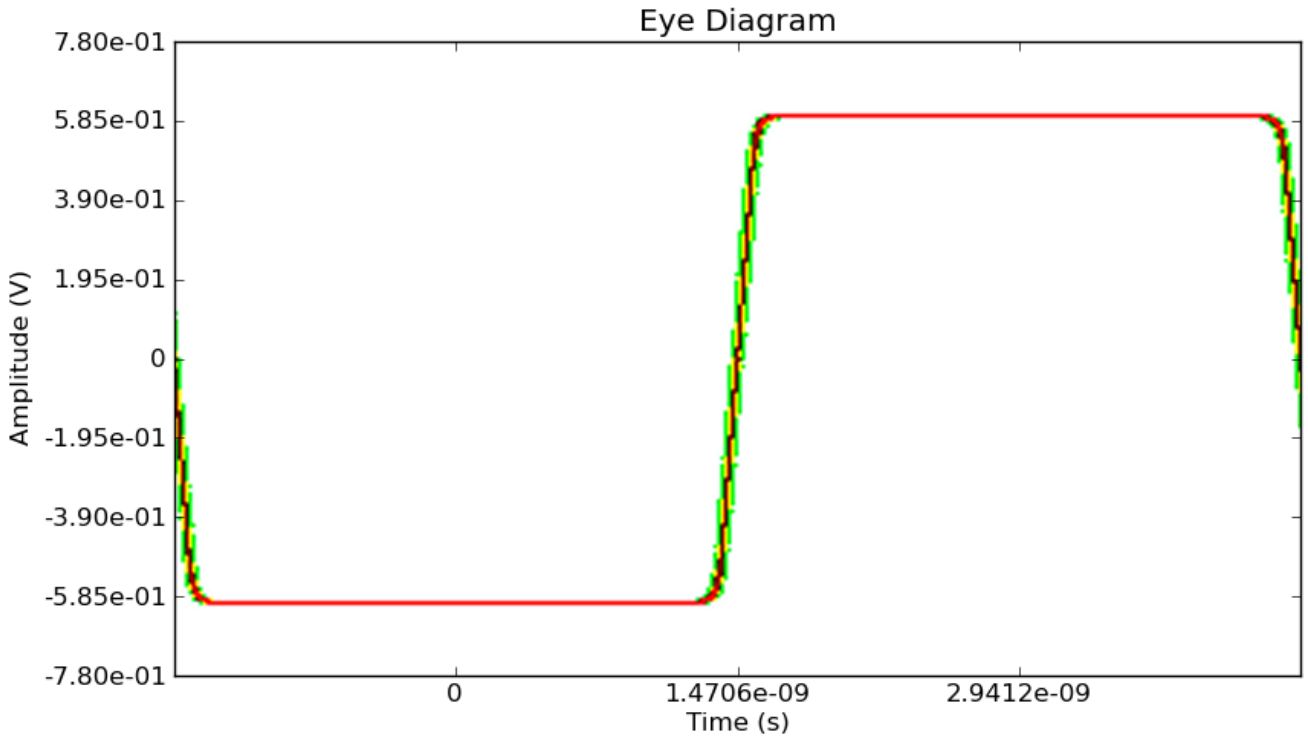

Fig:3 CLOCK Eye Diagram

- Analog Signal Analysis CLOCK

Test Name	Measured Value
VHIGH - Differential	6.067e-01 (V)
VLOW - Differential	-5.893e-01 (V)
Minimum "1"	6.067e-01 (V)
Minimum "0"	-5.893e-01 (V)
Minimum Rise Time	7.929e-11 (s)

Analog Parameters on DATA channel

- Jitter Values on DATA

Maximum Measured Data Jitter	TJ(BER=1.000e-12)
5.65850e-11 (s)	7.92166e-11 (s)

- Jitter Components on DATA

TJ	DJ	RJ	Qber_r	Qber_l	A_r	A_l
7.9217e-11 (s)	2.3716e-11 (s)	4.0099e-12 (s)	6.9200e+00	6.9206e+00	8.6579e-01	1.1342e+00

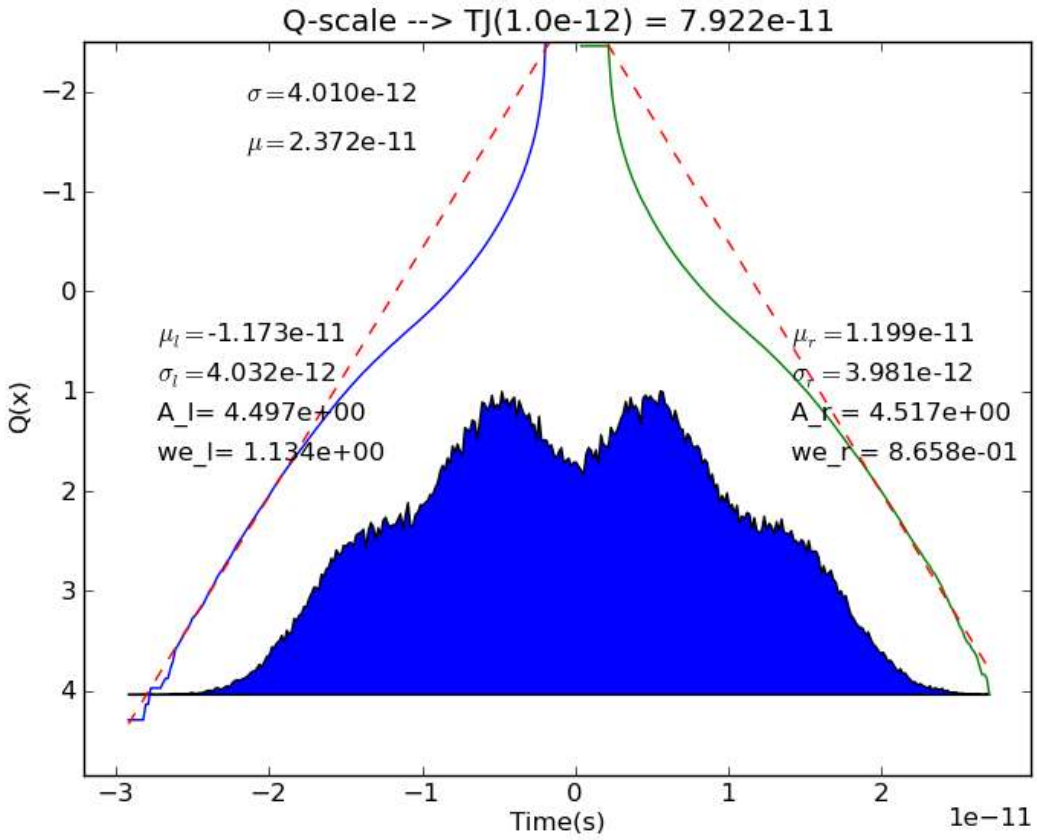

Fig:4 DATA Jitter PDF

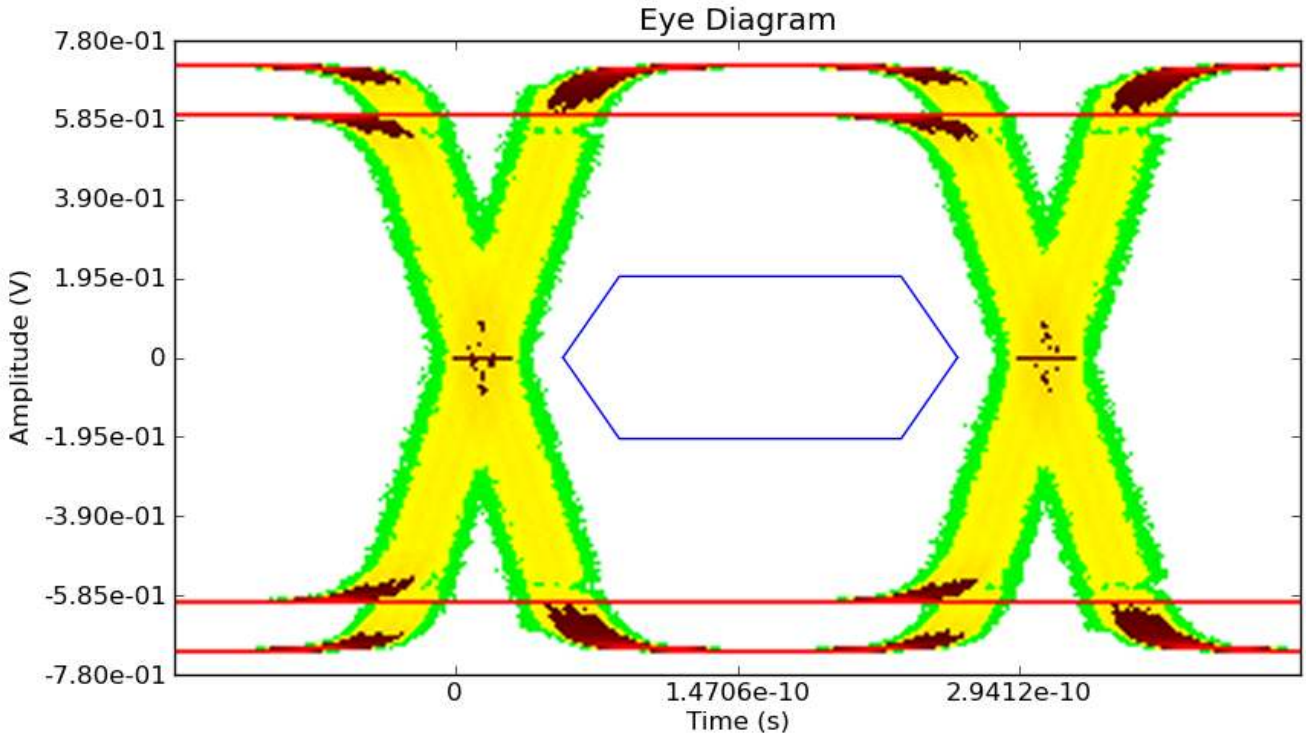

Fig:5 DATA Eye Diagram

- **Analog Signal Analysis DATA**

Test Name	Measured Value
VHIGH - Differential	6.680e-01 (V)
VLOW - Differential	-6.499e-01 (V)

Minimum "1"	6.067e-01 (V)
Minimum "0"	-5.893e-01 (V)
Minimum Rise Time	7.455e-11 (s)
Minimum Fall Time	7.554e-11 (s)

Signal Analysis After Cable

Analog Parameters on CLOCK channel

- Jitter Values on CLOCK

Maximum Measured Data Jitter	TJ(BER=1.000e-12)
2.86113e-11 (s)	4.82624e-11 (s)

- Jitter Components on CLOCK

TJ	DJ	RJ	Qber_r	Qber_l	A_r	A_l
4.8262e-11 (s)	3.9641e-12 (s)	3.1755e-12 (s)	6.9788e+00	6.9712e+00	1.0008e+00	9.9919e-01

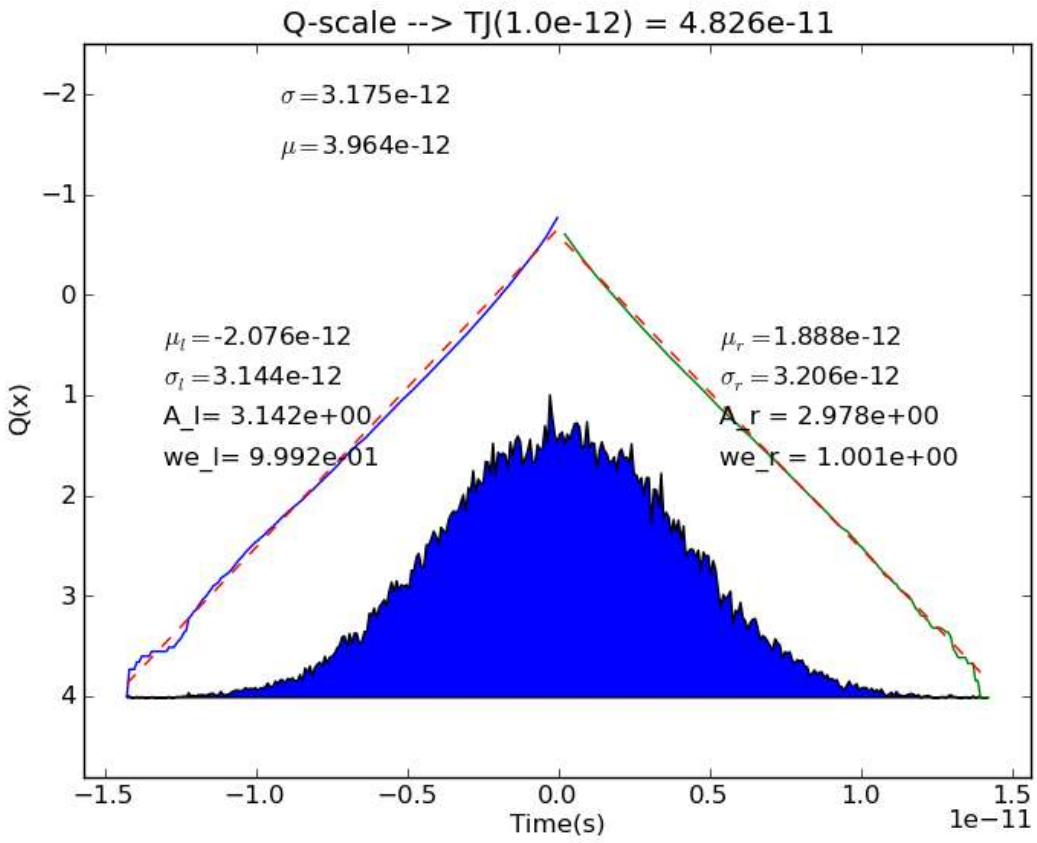

Fig:6 CLOCK Jitter PDF

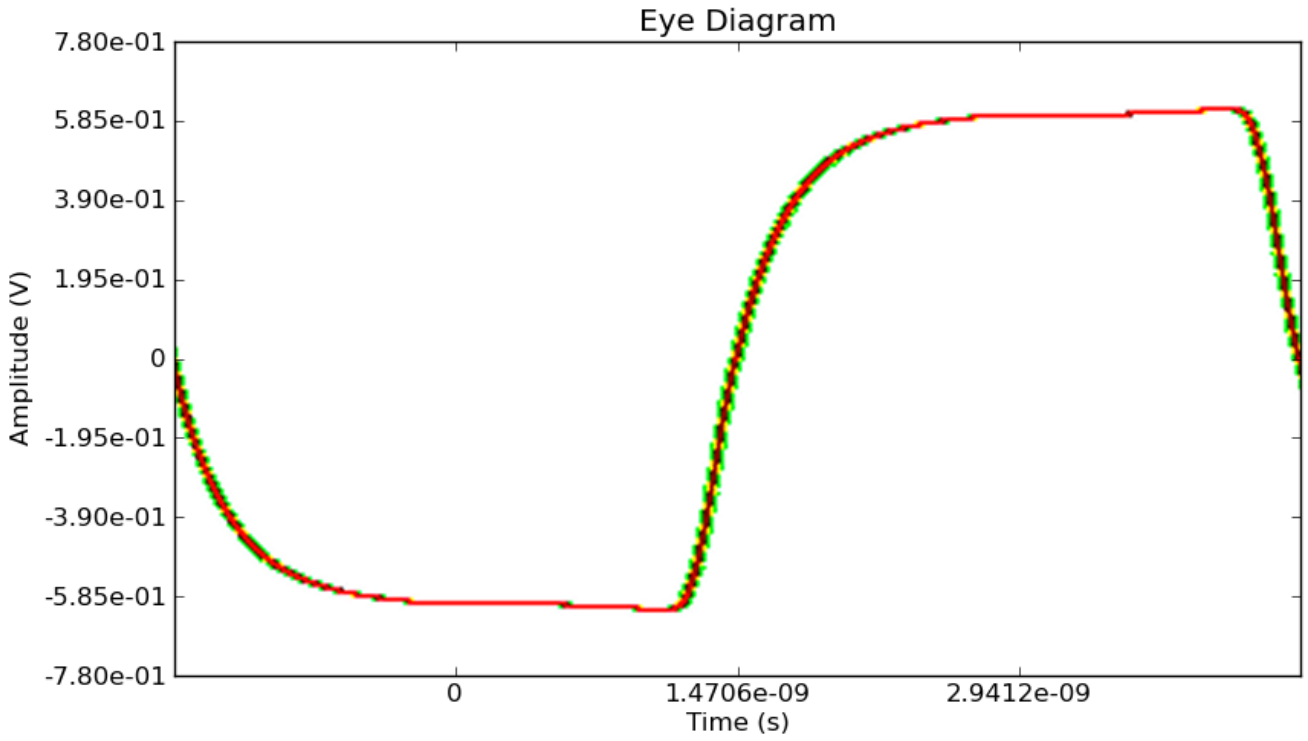

Fig:7 CLOCK Eye Diagram

- Analog Signal Analysis CLOCK

Test Name	Measured Value
VHIGH - Differential	6.067e-01 (V)
VLOW - Differential	-5.893e-01 (V)
Minimum "1"	6.067e-01 (V)
Minimum "0"	-5.893e-01 (V)
Minimum Rise Time	2.826e-10 (s)

Analog Parameters on DATA channel

- Jitter Values on DATA

Maximum Measured Data Jitter	TJ(BER=1.000e-12)
5.40325e-11 (s)	7.73819e-11 (s)

- Jitter Components on DATA

TJ	DJ	RJ	Qber_r	Qber_l	A_r	A_l
7.7382e-11 (s)	2.1032e-11 (s)	4.0836e-12 (s)	6.8989e+00	6.9002e+00	1.0481e+00	9.5192e-01

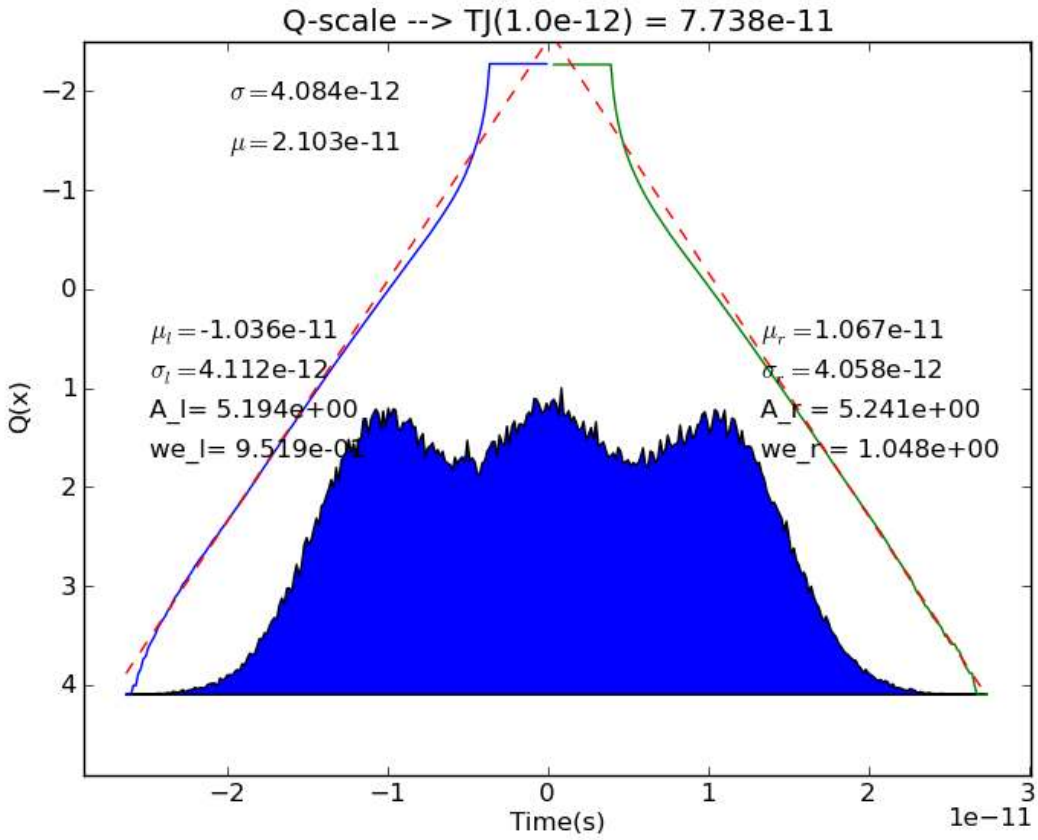

Fig:8 DATA Jitter PDF

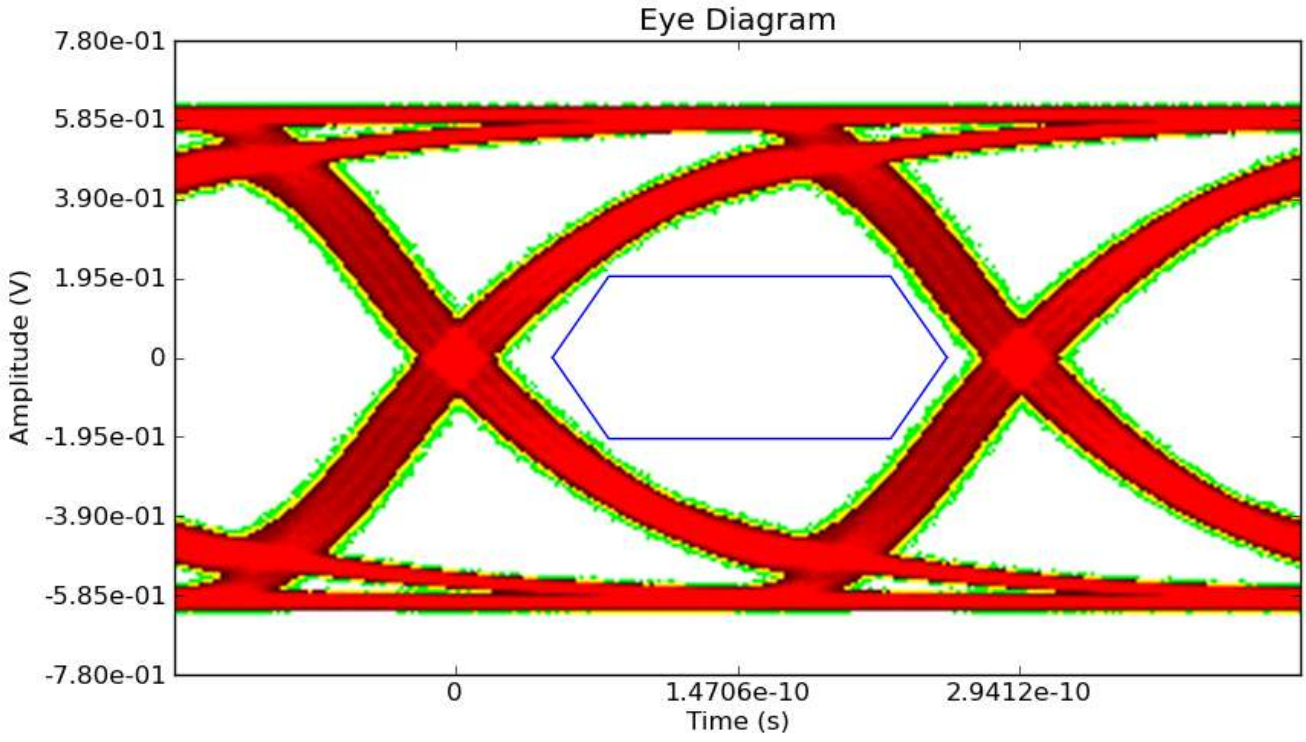

Fig:9 DATA Eye Diagram

- **Analog Signal Analysis DATA**

Test Name	Measured Value
VHIGH - Differential	5.294e-01 (V)
VLOW - Differential	-5.123e-01 (V)

Minimum "1"	3.900e-01 (V)
Minimum "0"	-3.727e-01 (V)
Minimum Rise Time	1.319e-10 (s)
Minimum Fall Time	1.339e-10 (s)