

D1	Differential Voltage	-633.3600	mV	168.3494 ps	3.71 Gbps	Pass	146.6400	-780.0000	-	
D1	D1 Maximum Differential Voltage	596.9600	mV	168.3494 ps	3.71 Gbps	Pass	183.0400	-	780.0000	
D1	D1 Data Jitter	28.0582	ps	168.3494 ps	3.71 Gbps	Informative	N.A	N.A	N.A	
D1	D1 Data Jitter	0.1667	TBit	168.3494 ps	3.71 Gbps	Informative	N.A	N.A	N.A	
D2	D2 Minimum Differential Voltage	-621.6000	mV	168.3494 ps	3.71 Gbps	Pass	158.4000	-780.0000	-	
D2	D2 Maximum Differential Voltage	606.8000	mV	168.3494 ps	3.71 Gbps	Pass	173.2000	-	780.0000	
D2	D2 Data Jitter	29.0103	ps	168.3494 ps	3.71 Gbps	Informative	N.A	N.A	N.A	
D2	D2 Data Jitter	0.1723	TBit	168.3494 ps	3.71 Gbps	Informative	N.A	N.A	N.A	
COMMENTS										

[Back to Summary Table](#)

HF1-6- Clock Duty Cycle and Clock Rate										
Lane Name	Measurement Details	Measured Value	Units	TBit	Data Rate	Test Result	Margin	Low Limit	High Limit	Comments
Clock	Maximum Duty Cycle	50.38	%	168.3496 ps	5.94 Gbps	Pass	-9.62	-	60.00	
Clock	Minimum Duty Cycle	49.80	%	168.3496 ps	5.94 Gbps	Pass	9.80	40.00	-	
Clock	Clock Rate	148.50	MHz	168.3496 ps	5.94 Gbps	Pass	63.50 & 1.50	85	150	
Clock	Maximum Duty Cycle	50.40	%	168.3494 ps	3.71 Gbps	Pass	-9.60	-	60.00	
Clock	Minimum Duty Cycle	49.78	%	168.3494 ps	3.71 Gbps	Pass	9.78	40.00	-	
Clock	Clock Rate	148.50	MHz	168.3494 ps	3.71 Gbps	Pass	63.50 & 1.50	85	150	
COMMENTS										

[Back to Summary Table](#)

HF1-7- Clock Jitter										
Lane Name	Measurement Details	Measured Value	Units	TBit	Data Rate	Test Result	Margin	Low Limit	High Limit	Comments
Clock	TMDS Clock Jitter at TP2	26.6755	ps	168.3496 ps	5.94 Gbps	Pass	-23.8294	-	50.5049	
Clock	TMDS Clock Jitter at TP2	0.1585	TBit	168.3496 ps	5.94 Gbps	Pass	-0.1415	-	0.3000	
Clock	TMDS VSwing at TP1	727.2917	mV	168.3496 ps	5.94 Gbps	Pass	327.29 & 472.71	400.00	1200.00	
COMMENTS										

[Back to Summary Table](#)

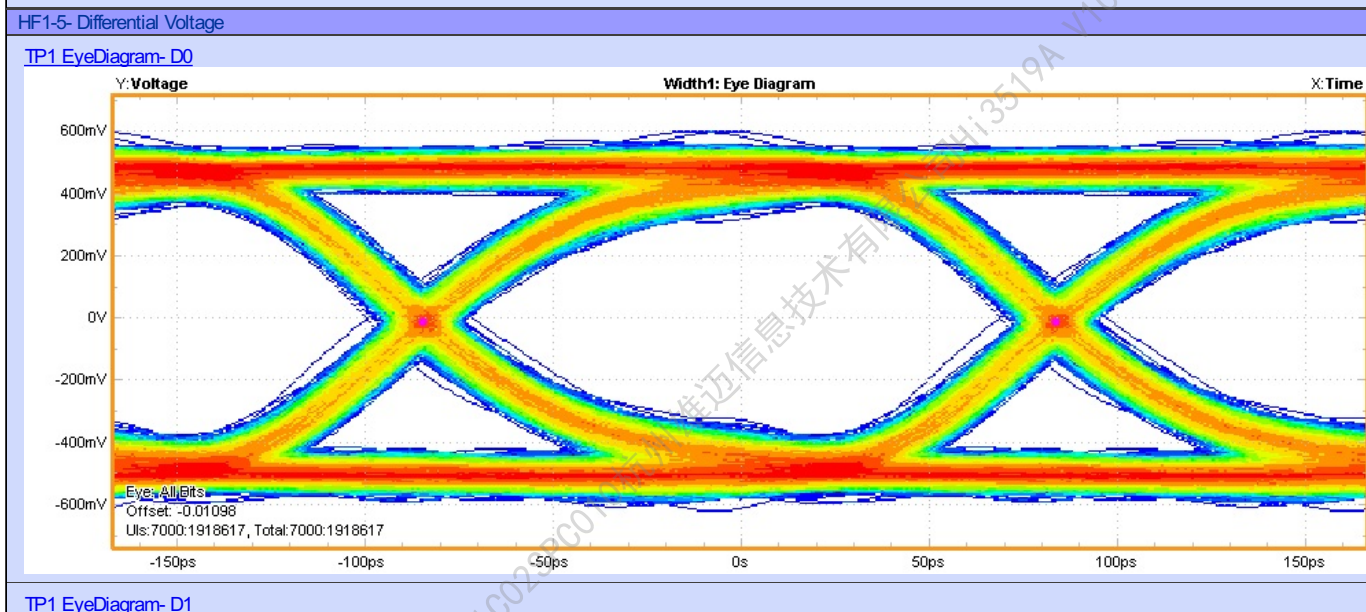
HF1-1- VL and VSwing										
Lane Name	Measurement Details	Measured Value	Units	TBit	Data Rate	Test Result	Margin	Low Limit	High Limit	Comments
Clock	TMDS VLow for Clock+	2.7833	V	168.3494 ps	3.71 Gbps	Pass	0.4833 & 0.3167	2.3	3.1	
Clock	TMDS VLow for Clock-	2.7850	V	168.3494 ps	3.71 Gbps	Pass	0.4850 & 0.3150	2.3	3.1	
Clock	VSwing for Clock+	433.6356	mV	168.3494 ps	3.71 Gbps	Pass	233.6356 & 166.3644	200	600	
Clock	VSwing for Clock-	446.0851	mV	168.3494 ps	3.71 Gbps	Pass	246.0851 & 153.9149	200	600	
D0	TMDS VLow for D0+	2.4466	V	168.3494 ps	3.71 Gbps	Pass	0.1466 & 0.4534	2.3	2.9	
D0	TMDS VLow for D0-	2.4567	V	168.3494 ps	3.71 Gbps	Pass	0.1567 & 0.4433	2.3	2.9	
D0	VSwing for D0+	487.5363	mV	168.3494 ps	3.71 Gbps	Pass	87.5363 & 112.4637	400	600	
D0	VSwing for D0-	487.2680	mV	168.3494 ps	3.71 Gbps	Pass	87.2680 & 112.7320	400	600	
D1	TMDS VLow for D1+	2.4462	V	168.3494 ps	3.71 Gbps	Pass	0.1462 & 0.4538	2.3	2.9	
D1	TMDS VLow for D1-	2.4491	V	168.3494 ps	3.71 Gbps	Pass	0.1491 & 0.4509	2.3	2.9	
D1	VSwing for D1+	477.3746	mV	168.3494 ps	3.71 Gbps	Pass	77.3746 & 122.6254	400	600	
D1	VSwing for D1-	490.5342	mV	168.3494 ps	3.71 Gbps	Pass	90.5342 & 109.4658	400	600	
D2	TMDS VLow for D2+	2.4311	V	168.3494 ps	3.71 Gbps	Pass	0.1311 & 0.4689	2.3	2.9	
D2	TMDS VLow for D2-	2.4368	V	168.3494 ps	3.71 Gbps	Pass	0.1368 & 0.4632	2.3	2.9	
D2	VSwing for D2+	489.9346	mV	168.3494 ps	3.71 Gbps	Pass	89.9346 & 110.0654	400	600	
D2	VSwing for D2-	505.1337	mV	168.3494 ps	3.71 Gbps	Pass	105.1337 & 94.8663	400	600	
COMMENTS										

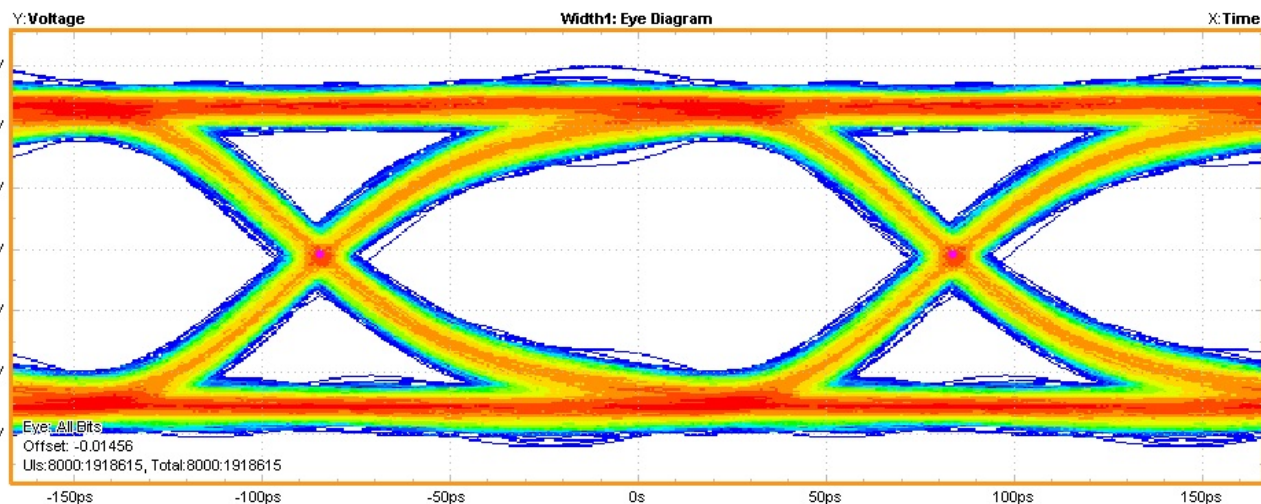
[Back to Summary Table](#)

HF1-4- Intra-Pair Skew										
Lane Name	Measurement Details	Measured Value	Units	TBit	Data Rate	Test Result	Margin	Low Limit	High Limit	Comments

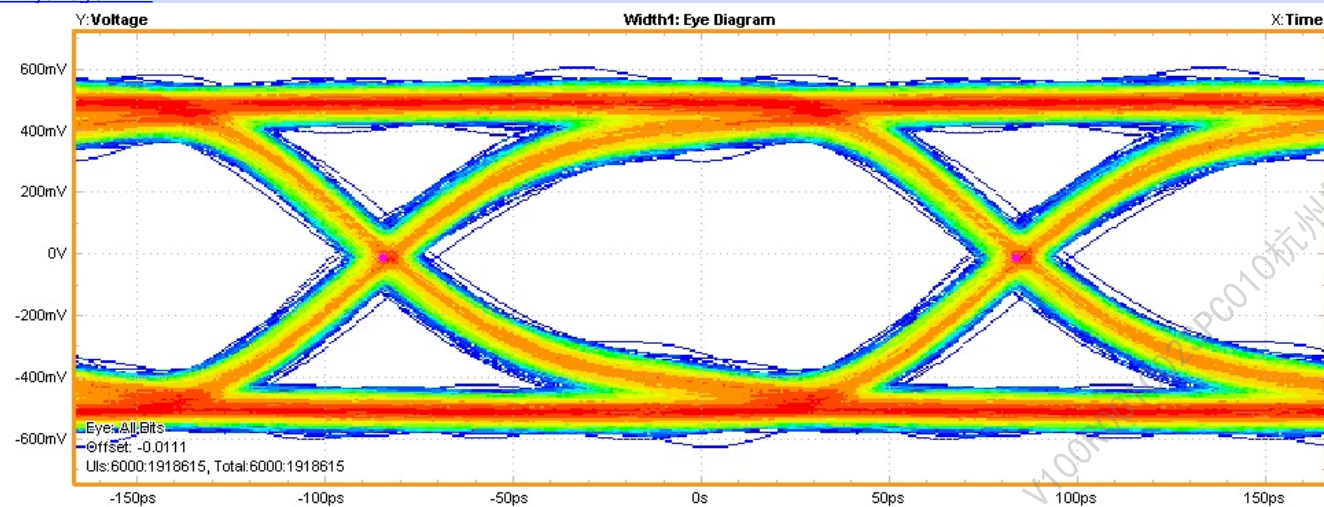
[Back to Summary Table](#)[Back to Summary Table](#)

HF1-2- TRISE, TFALL
Waveform Plot for Rise Time Fall Time



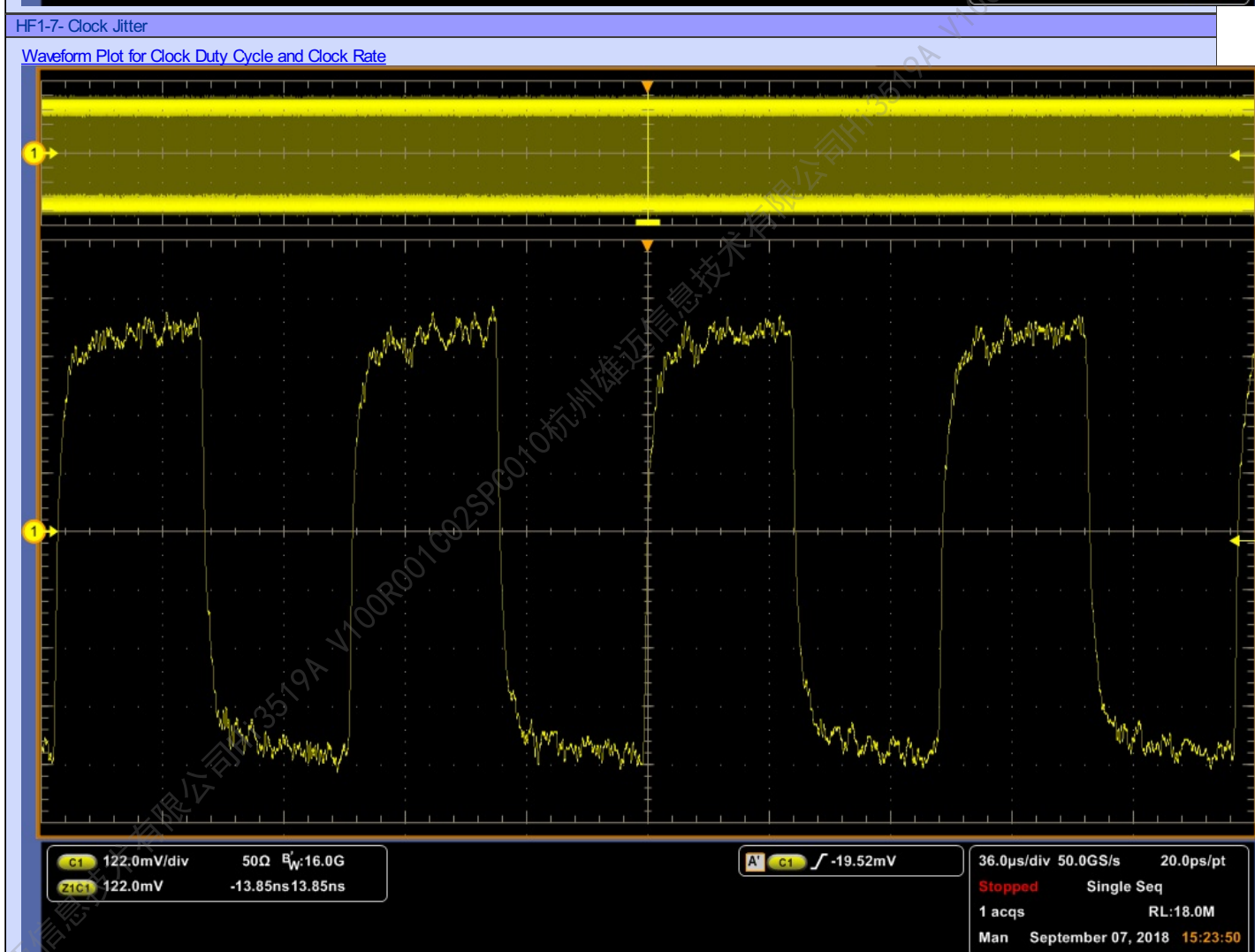
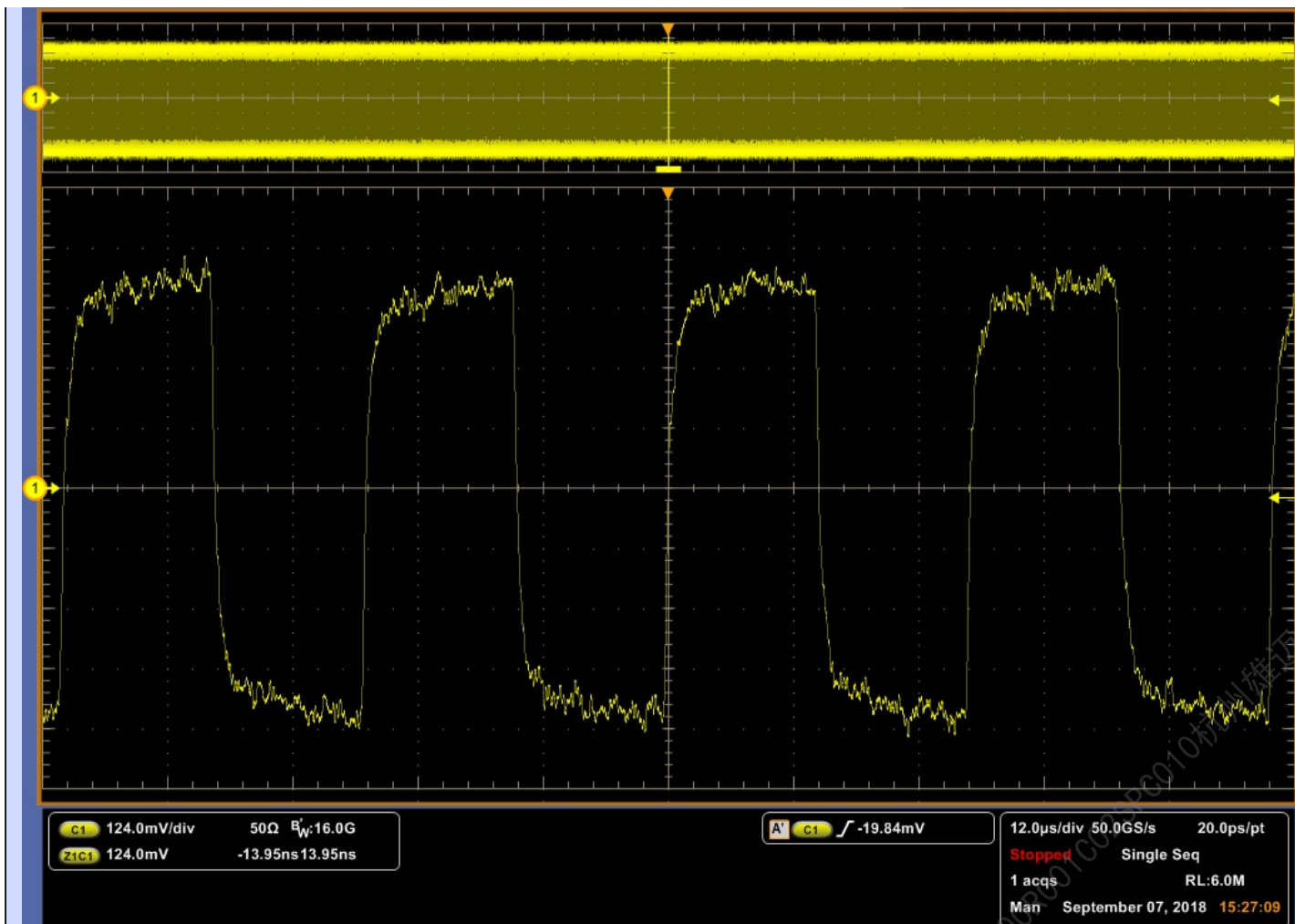


TP1 EyeDiagram- D2



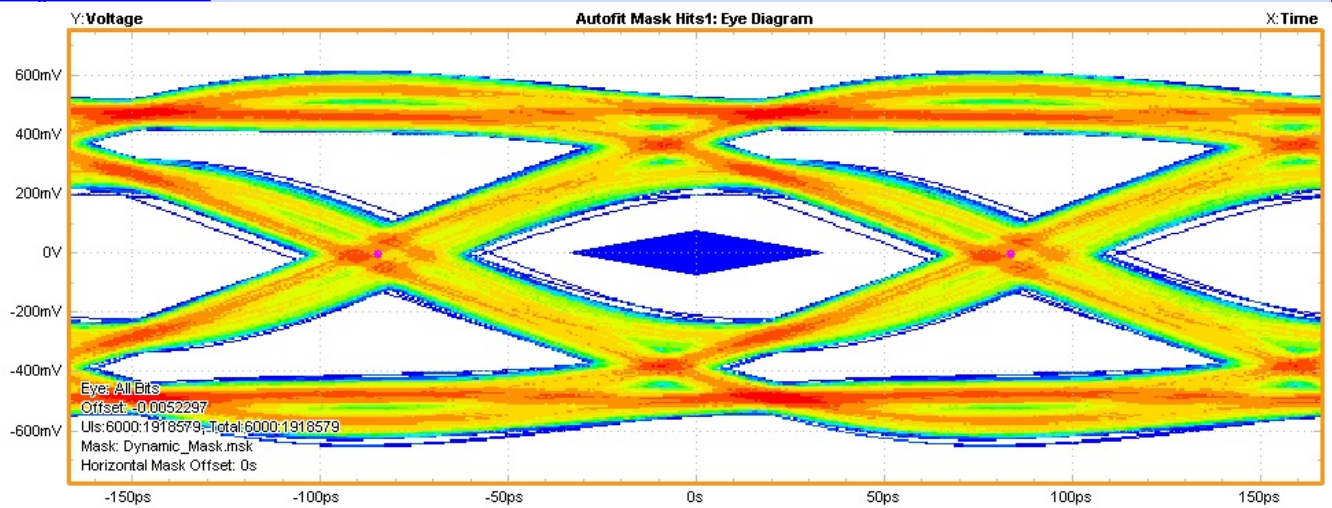
HF1-6- Clock Duty Cycle and Clock Rate

Waveform Plot for Clock Duty Cycle and Clock Rate

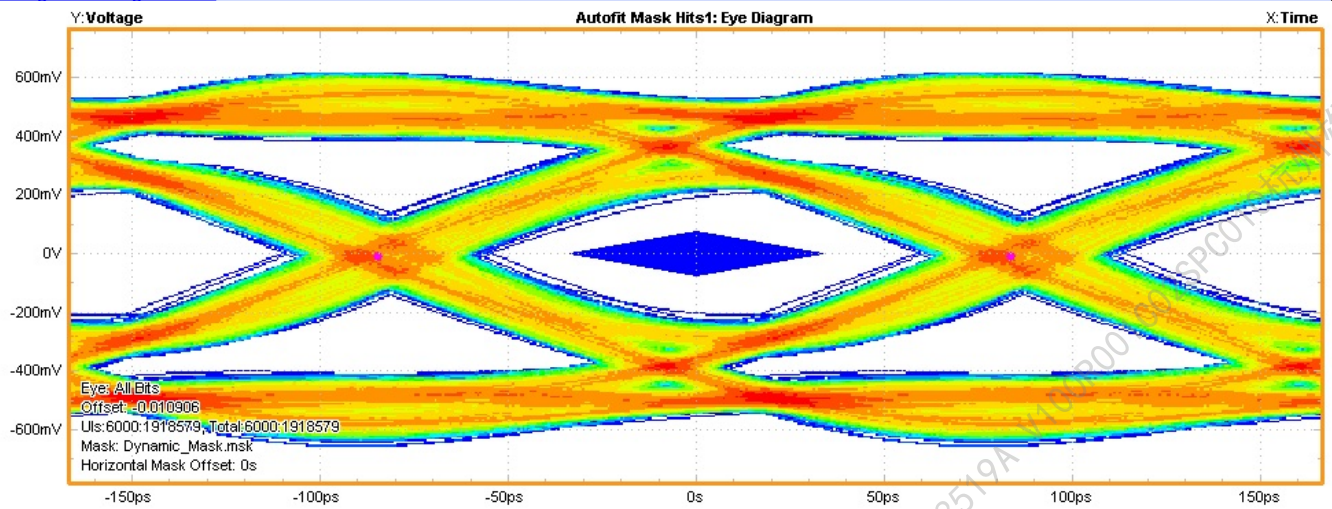


HF1-8- Data Eye Diagram

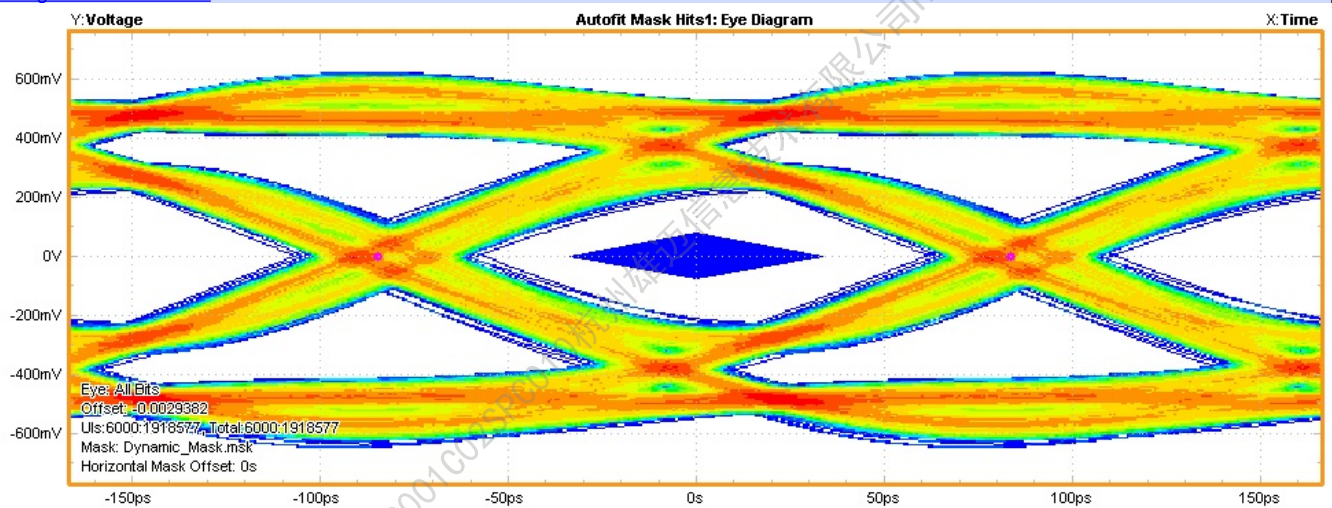
EyeDiagram D0 PositiveLane



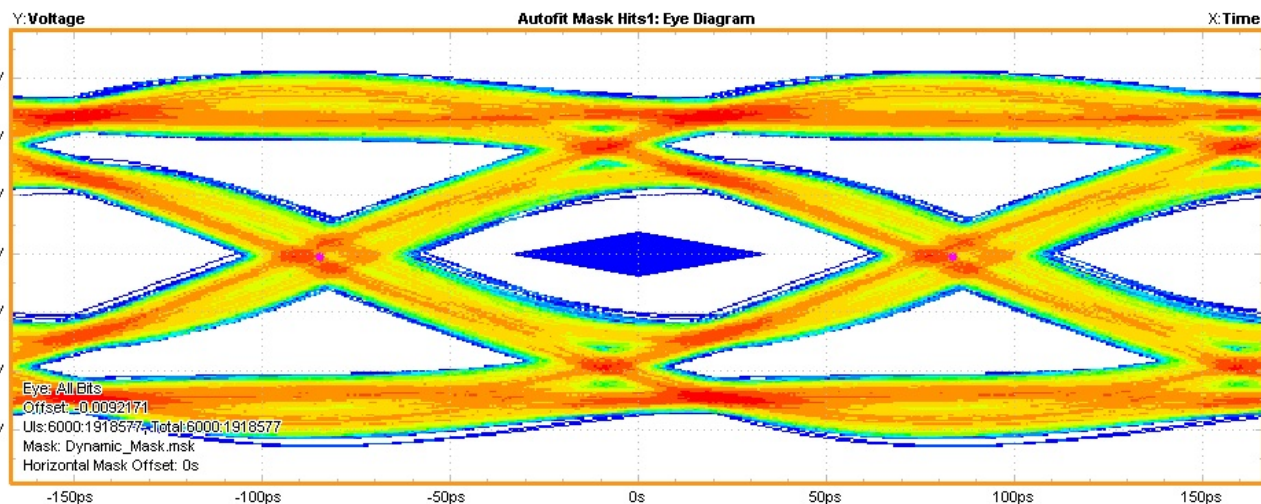
EyeDiagram D0 NegativeLane



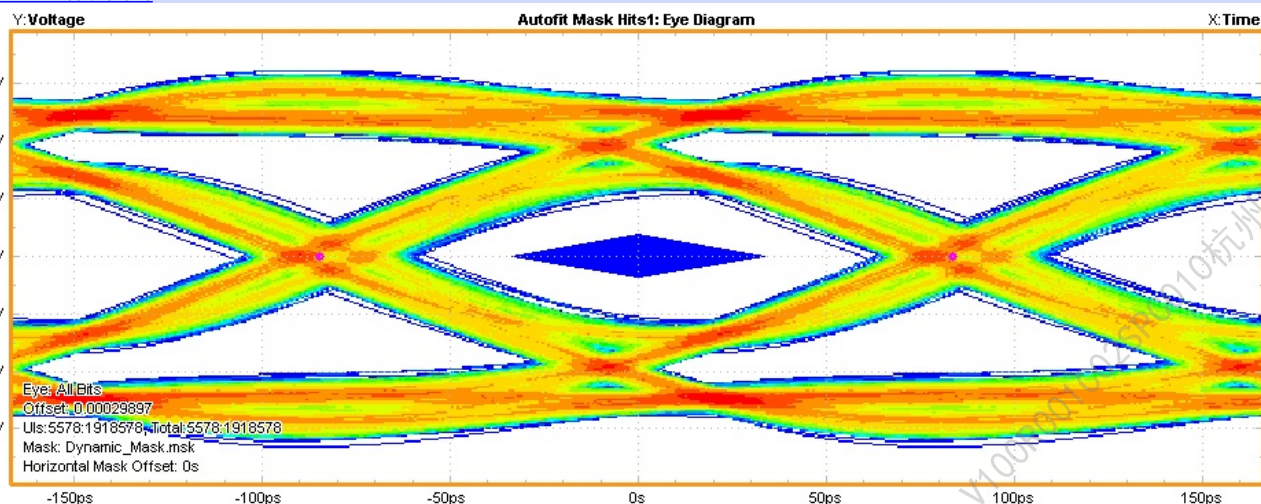
EyeDiagram D1 PositiveLane



EyeDiagram D1 NegativeLane



EyeDiagram D2 Positivelane



EyeDiagram D2 Negativelane

