Test Report for 100Base-TX

Time: 17:20:06

Device ID : ST18501975

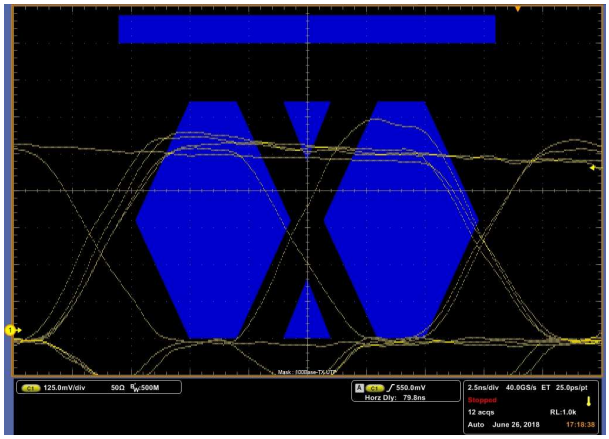
Device Description : C196HTD 100BASE TX

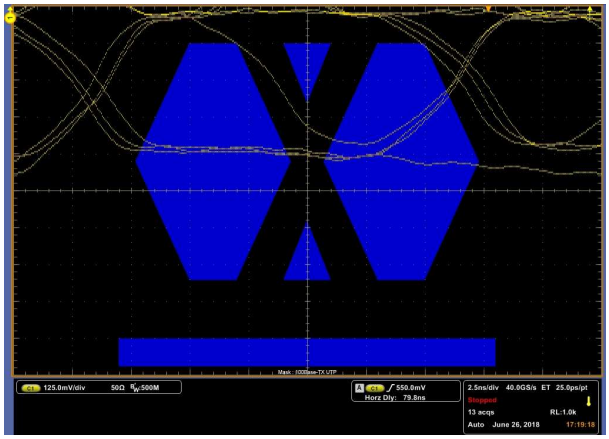
Port ID : 1/2

Test	Spec. Range	Measured Value	Result
AOI Template	Fit the template		Fail
Output Voltage (+Vout)	950mV to1050mV	591.7mV	Fail
Output Voltage (-Vout)	-950mV to -1050mV	Not Available	Not Available
Amplitude Symmetry	0.98 to 1.02	Not Available	Not Available
Rise Time(+ve)	3ns to 5ns	Not Available	Not Available
Rise Time(-ve)	3ns to 5ns	Not Available	Not Available
Fall Time(+ve)	3ns to 5ns	Not Available	Not Available
Fall Time(-ve)	3ns to 5ns	Not Available	Not Available
Rise/Fall Symmetry(+ve)	<500ps	Not Available	Not Available
Rise/Fall Symmetry(-ve)	<500ps	Not Available	Not Available
Overshoot(+ve)	<5%	Not Available	Not Available
Overshoot(-ve)	<5%	Not Available	Not Available
Transmit Jitter(+ve)	<1.4ns	Not Available	Not Available
Transmit Jitter(-ve)	<1.4ns	Not Available	Not Available
Distortion (Duty Cycle)	<500ps(±250ps)	Not Available	Not Available
Transmitter Return Loss			Not Available
Receiver Return Loss			Not Available

Application Version : 3.2.9.28

ANSI X3.263-1995: Annex J AOI Template

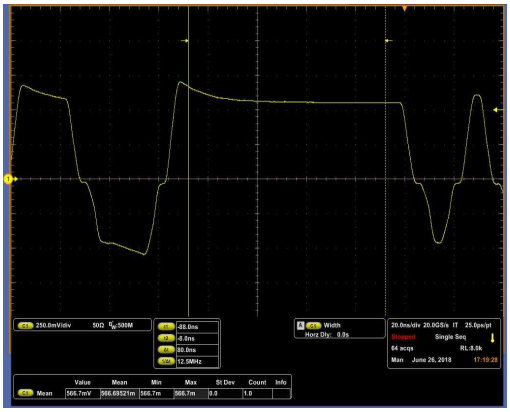




AOI Template Result :
Fail
Hits per Segment

Seg1	0	Seg2	408
Seg3	478	Seg4	377
Seg5	444	Seg6	25
Seg7	0	Seg8	0
Seg9	0	Seg10	0

ANSI X.3.263-1995 : 9.1.2.2 Differential Output Voltage



Not Available

Positive Amplitude(+Vout) : 591.7mV Baseline(+ve) : -25.0mV	Negative Amplitude(-Vout) : Not Available Baseline(-ve) : Not Available
Spec Range : 950mV to 1050mV	**Spec Range : -950mV to -1050mV**
Output Voltage(+Vout) Result : Fail	Output Voltage(-Vout) Result : Not Available

Differential Output Voltage Result : Not Available

NOTE: Amplitude values are corrected for Baseline

ANSI X3.263-1995: 9.1.4 Signal Amplitude Symmetry

Not Available Not Available

Amplitude Symmetry : Not Available
Spec Range: 0.98 to 1.02
Amplitude Symmetry Result : Not Available

ANSI X3.263-1995: 9.1.6 Rise Time

Not Available Not Available

Rise Time(+ve) : Not Available	Rise Time(-ve) : Not Available
Spec Range: 3ns to 5ns	**Spec Range: 3ns to 5ns**
Rise Time(+ve) Result : Not Available	Rise Time(-ve) Result : Not Available

Rise Time Test Result : Not Available

ANSI X3.263-1995: 9.1.6 Fall Time

Not Available Not Available

Fall Time(+ve) : Not Available	Fall Time(-ve) : Not Available
Spec Range: 3ns to 5ns	**Spec Range: 3ns to 5ns**
Fall Time(+ve) Result : Not Available	Fall Time(-ve) Result : Not Available

Fall Time Test Result : Not Available

ANSI X3.263-1995: 9.1.6 Rise Fall Symmetry

Not Available Not Available

Rise/Fall Symmetry(+ve) : Not Available	Rise/Fall Symmetry(-ve) : Not Available
Spec Range: <500ps	**Spec Range: <500ps**
Rise/Fall Symmetry(+ve) Result : Not Available	Rise/Fall Symmetry(-ve) Result : Not Available

Rise/Fall Symmetry(Max-Min) : Not Available

Rise/Fall Symmetry Result : Not Available

ANSI X3.263-1995: 9.1.3 Waveform Overshoot

Not Available Not Available

Overshoot(+ve) : Not Available	Overshoot(-ve) : Not Available
Spec Range: <5%	**Spec Range: <5%**
Overshoot(+ve) Result : Not Available	Overshoot(-ve) Result : Not Available

Waveform Overshoot Test Results : Not Available

ANSI X3.263-1995: 9.1.9 Transmit Jitter

Not Available Not Available

Transmit Jitter(+ve) : Not Available	Transmit Jitter(-ve) : Not Available
Spec Range: <1.4ns	**Spec Range: <1.4ns**
Transmit Jitter(+ve) Result : Not Available	Transmit Jitter(-ve) Result : Not Available

ANSI X3.263-1995: 9.1.8 Distortion(Duty Cycle)

Not Available

Distortion(Duty Cycle) : Not Available
Spec Range: <500ps(+/-250ps)
Distortion(Duty Cycle) Result : Not Available

ANSI X3.263-1995: 9.1.5 Transmitter Return Loss

Not Available

Frequency	Spec. Value	Measured Value Not Available	Result
1 MHz	-16.00dB	Not Available	
10 MHz	-16.00dB	Not Available	
20 MHz	-16.00dB	Not Available	
30 MHz	-16.00dB	Not Available	
40 MHz	-13.50dB	Not Available	
50 MHz	-11.56dB	Not Available	
60 MHz	-9.97dB	Not Available	
70 MHz	-10.00dB	Not Available	
80 MHz	-10.00dB	Not Available	

Transmitter Return Loss Result : Not Available

ANSI X3.263-1995: 9.1.5 Receiver Return Loss

Not Available

Frequency	Spec. Value	Measured Value Not Available	Result
1 MHz	-16.00dB	Not Available	
10 MHz	-16.00dB	Not Available	
20 MHz	-16.00dB	Not Available	
30 MHz	-16.00dB	Not Available	
40 MHz	-13.50dB	Not Available	
50 MHz	-11.56dB	Not Available	
60 MHz	-9.97dB	Not Available	
70 MHz	-10.00dB	Not Available	
80 MHz	-10.00dB	Not Available	

Receiver Return Loss Result : Not Available