

Test Report for 10Base-T

Time: 13:04:23

Device ID : T99X171T00

Device Description : Not Available

Port ID : Lan

Test	Spec. Range	Measured Value	Result
Link Pulse Timing	16±8 ms	16.0ms to 16.0ms	Pass
Link Pulse 100 ohm without TPM	Fit the template		Pass
Link Pulse Load 1 without TPM	Fit the template		Pass
Link Pulse Load 2 without TPM	Fit the template		Pass
Link Pulse 100 ohm with TPM	Fit the template		Pass
Link Pulse Load 1 with TPM	Fit the template		Pass
Link Pulse Load 2 with TPM	Fit the template		Pass
MAU Ext	Fit the template		Not Available
MAU Ext Inverted	Fit the template		Not Available
MAU Int	Fit the template		Not Available
MAU Int Inverted	Fit the template		Not Available
TP_IDL 100 ohm without TPM	Fit the template		Not Available
TP_ID Load 1 without TPM	Fit the template		Not Available
TP_ID Load 2 without TPM	Fit the template		Not Available
TP_IDL 100 ohm with TPM	Fit the template		Not Available
TP_ID Load 1 with TPM	Fit the template		Not Available
TP_ID Load 2 with TPM	Fit the template		Not Available
Differential Voltage	±2.2V to ±2.8V		Not Available
Harmonic			Not Available
Pk-Pk Normal Jitter with Cable	Not Available	Not Available	Not Available
Pk-Pk 8BT Jitter with Cable	Not Available	Not Available	Not Available
Pk-Pk 8.5BT Jitter with Cable	Not Available	Not Available	Not Available
Pk-Pk Normal Jitter without Cable	Not Available	Not Available	Not Available
Pk-Pk 8BT Jitter without Cable	Not Available	Not Available	Not Available
Pk-Pk 8.5BT Jitter without Cable	Not Available	Not Available	Not Available
Common-mode output voltage	<50mV	Not Available	Not Available
Transmitter Return Loss	<15dB		Not Available
Receiver Return Loss	<15dB		Not Available

Application Version : 3.2.10.35

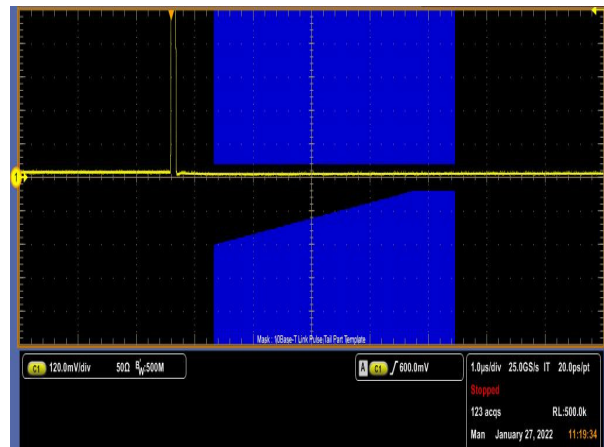
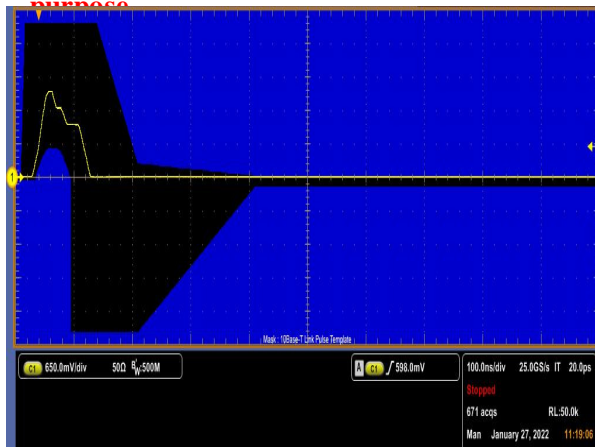
Link Pulse Timing



Link Pulse Timing Result : Pass
Spec Range: 16±8 ms
Link Pulse Timing : 16.0ms to 16.0ms
Link Pulse Timing Remark :
Average of 50 Link Intervals = 16.0ms

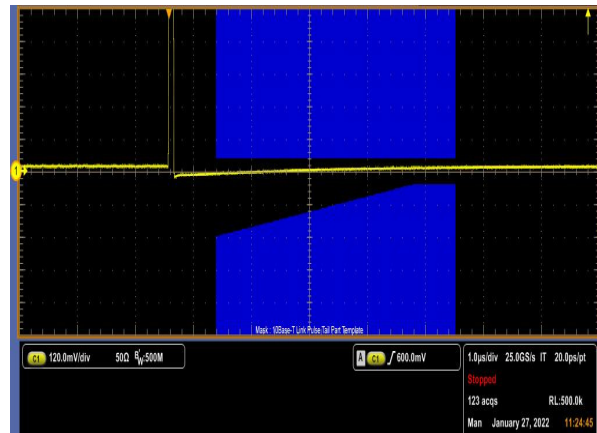
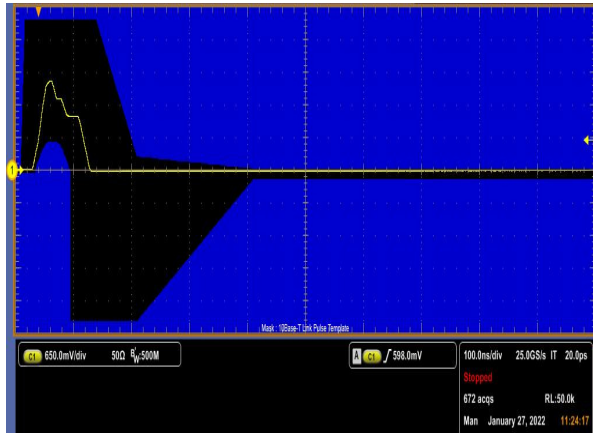
IEEE Std802.3 14.3.1.2.1 Link Pulse 100 ohm w/o TPM

Note: This is an optional test. This test is conducted only for informative purpose



Link Pulse 100 ohm w/o TPM Test Result :
Pass
Hits per Segment
Seg1: 0 Seg2: 0
Link Pulse 100Ohm w/o TPM Timing :
Pass

IEEE Std802.3 14.3.1.2.1 Link Pulse Load 1 w/o TPM



Link Pulse Load 1 w/o TPM Test Result :

Pass

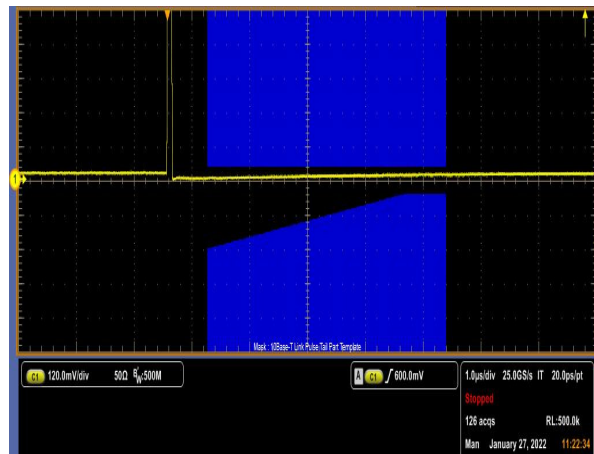
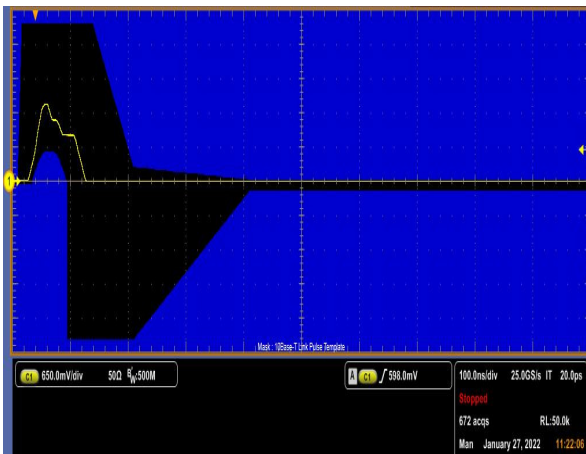
Hits per Segment

Seg1: 0 Seg2: 0

Link Pulse Load 1 w/o TPM Timing :

C:\ProgramData\Tektronix\TekApplications\TDSET3\ReportGener

IEEE Std802.3 14.3.1.2.1 Link Pulse Load 2 w/o TPM



Link Pulse Load 2 w/o TPM Test Result :

Pass

Hits per Segment

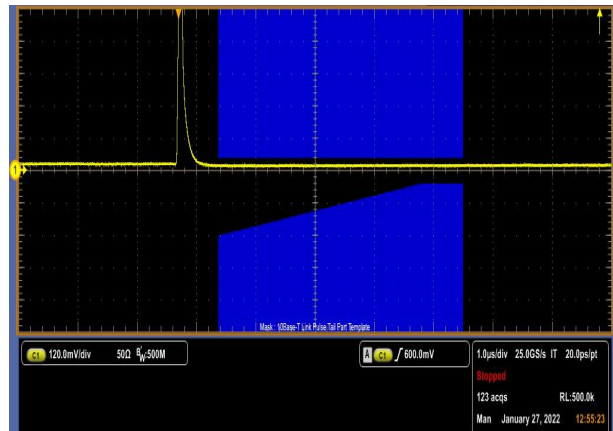
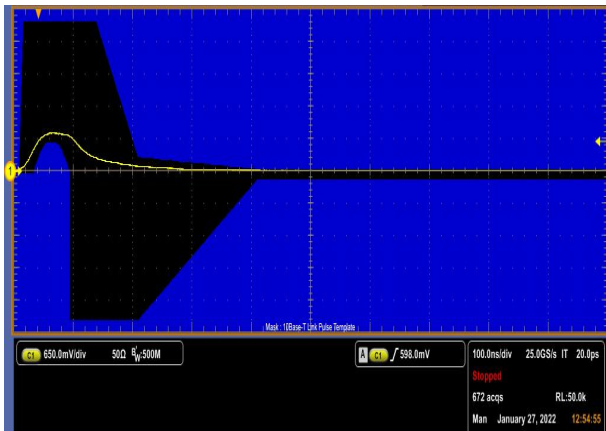
Seg1: 0 Seg2: 0

Link Pulse Load 2 w/o TPM Timing :

Average of 50 Link Intervals = 16.0ms

IEEE Std802.3 14.3.1.2.1 Link Pulse 100 ohm with TPM

Note: This is an optional test. This test is conducted only for informative purpose.



Link Pulse 100 ohm with TPM Test Result :

Pass

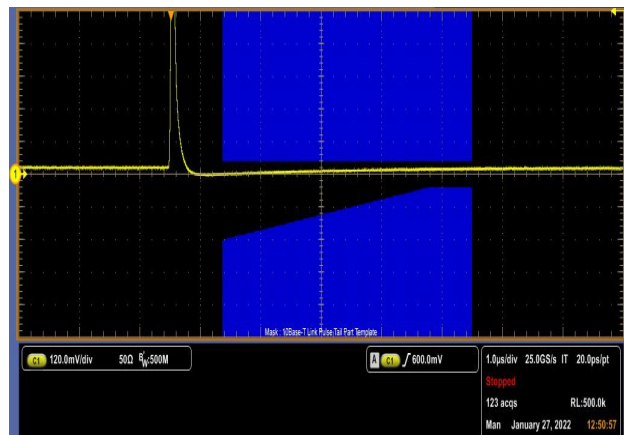
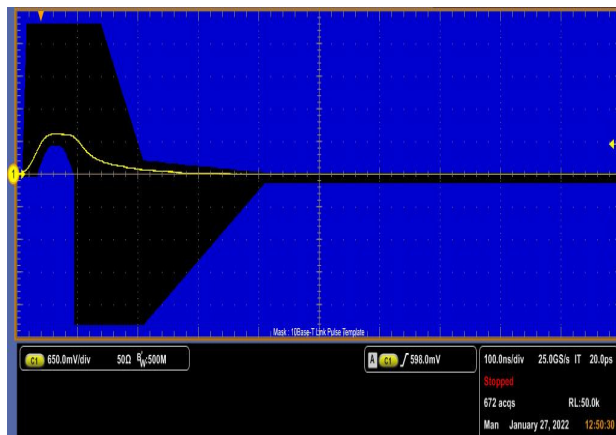
Hits per Segment

Seg1: 0 Seg2: 0

Link Pulse 100Ohm with TPM Timing :

Not Available

IEEE Std802.3 14.3.1.2.1 Link Pulse Load 1 with TPM



Link Pulse Load 1 with TPM Test Result :

Pass

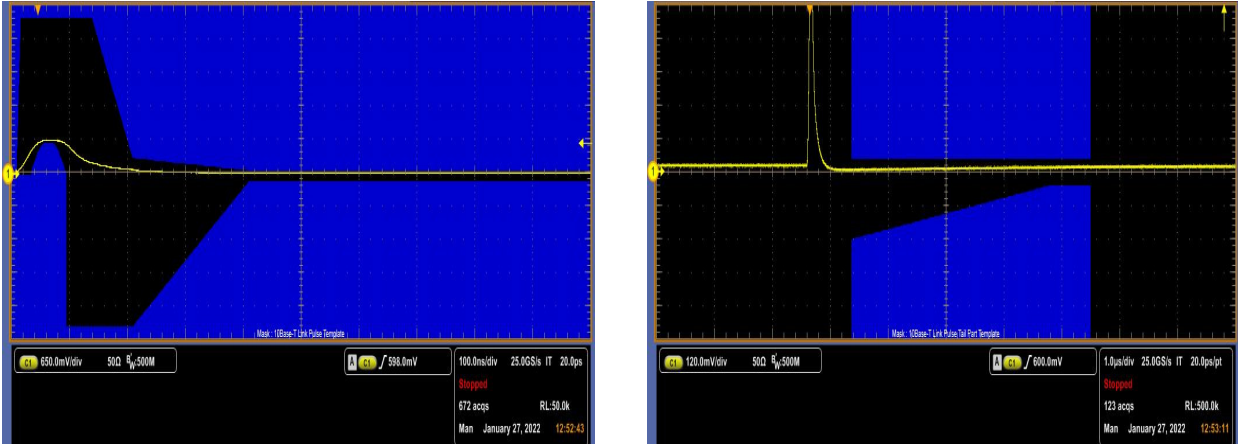
Hits per Segment

Seg1: 0 Seg2: 0

Link Pulse Load 1 with TPM Timing :

Not Available

IEEE Std802.3 14.3.1.2.1 Link Pulse Load 2 with TPM



Link Pulse Load 2 with TPM Test Result :

Pass

Hits per Segment

Seg1: 0 Seg2: 0

Link Pulse Load 2 with TPM Timing :

Not Available

IEEE Std802.3 14.3.1.2.1 MAU Int

Not Available

MAU Int Mask Scale : Not Available

MAU Internal Template Test Result :

Not Available

IEEE Std802.3 14.3.1.2.1 MAU Int Inv

Not Available

MAU Int Inv Mask Scale : Not Available

MAU Internal Inverted Template Test Result :
Not Available

IEEE Std802.3 14.3.1.2.1 MAU Ext

Not Available

MAU Ext Mask Scale : Not Available

MAU External Template Test Result :
Not Available

IEEE Std802.3 14.3.1.2.1 MAU Ext Inv

Not Available

MAU Ext Inv Mask Scale : Not Available
MAU External Inverted Template Test Result :
Not Available

IEEE Std802.3 14.3.1.2.1 TP_IDL 100 ohm w/o TPM

Note: This is an optional test. This test is conducted only for informative purpose.

Not Available

Not Available

TP_IDL 100 ohm w/o TPM Test Result :
Not Available

IEEE Std802.3 14.3.1.2.1 TP_IDL Load 1 w/o TPM

Not Available

Not Available

TP_IDL Load 1 w/o TPM Test Result :
Not Available

IEEE Std802.3 14.3.1.2.1 TP_IDL Load 2 w/o TPM

Not Available

Not Available

TP_IDL Load 2 w/o TPM Test Result :
Not Available

IEEE Std802.3 14.3.1.2.1TP_IDL 100 ohm with TPM

Note: This is an optional test.This test is conducted only for informative purpose.

Not Available

Not Available

TP_IDL 100 ohm with TPM Test Result :
Not Available

IEEE Std802.3 14.3.1.2.1TP_IDL Load 1 with TPM

Not Available

Not Available

TP_IDL Load 1 with TPM Test Result :
Not Available

IEEE Std802.3 14.3.1.2.1TP_IDL Load 2 with TPM

Not Available

Not Available

TP_IDL Load 2 with TPM Test Result :
Not Available

IEEE Std802.3 14.3.1.2.3 Output Timing Jitter with Cable

Not Available

Spec. Range for Pk-Pk Jitter with Cable Not Available

Pk-Pk Jitter with Cable : Not Available

MAU Type : Not Available

Pk-Pk Jitter with Cable Test Result : Not Available

Note:
As per B.4.3.3 Note for 14.3.1.2.3 of IEEE standard 802.3-2000
, failure of this test does not demonstrate noncompliance.

IEEE Std802.3 B.4.3.3 8.0 BT Output Timing Jitter with Cable

Not Available

Spec. Range for Pk-Pk 8BT Jitter with Cable Not Available

Pk-Pk 8BT Jitter with Cable : Not Available

MAU Type : Not Available

Pk-Pk 8BT Jitter with Cable Test Result : Not Available

IEEE Std802.3 B.4.3.3 8.5 BT Output Timing Jitter with Cable

Not Available

Spec. Range for Pk-Pk 8.5BT Jitter with Cable Not Available

Pk-Pk 8.5BT Jitter with Cable Not Available

MAU Type : Not Available

Pk-Pk 8.5BT Jitter with Cable Test Result : Not Available

IEEE Std802.3 14.3.1.2.3 Output Timing Jitter without Cable

Not Available

Pk-Pk Jitter without Cable : Not Available

MAU Type : Not Available

Pk-Pk Jitter without Cable Test Result : Not Available

IEEE Std802.3 B.4.3.3 8.0 BT Output Timing Jitter without Cable

Not Available

Spec. Range for Pk-Pk 8BT Jitter without Cable Not Available

Pk-Pk 8BT Jitter without Cable : Not Available

MAU Type : Not Available

Pk-Pk 8BT Jitter without Cable Test Result : Not Available

IEEE Std802.3 B.4.3.3 8.5 BT Output Timing Jitter without Cable

Not Available

Spec. Range for Pk-Pk 8.5BT Jitter without Cable	Not Available
Pk-Pk 8.5BT Jitter without Cable	Not Available
MAU Type :	Not Available
Pk-Pk 8.5BT Jitter without Cable Test Result	Not Available

IEEE Std802.3 14.3.1.2.1 Differential Output Voltage

Not Available

Max Pos Peak Diff Voltage t Availat	Max Neg Peak Diff Voltage t Availal
Min Pos Peak Diff Voltage t Availat	Min Neg Peak Diff Voltage t Availal

Peak Diff Voltage Test Result t Availab

IEEE Std802.3 14.3.1.2.1 Harmonics of all

Not Available

Harmonic of All ones Result Not Available

Harmonics Spec. Range **Not Available**

Fundamental :	Not Available
---------------	---------------

Harmonic2	Not Available	Harmonic3	Not Available
Harmonic4	Not Available	Harmonic5	Not Available
Harmonic6	Not Available	Harmonic7	Not Available
Harmonic8	Not Available	Harmonic9	Not Available
Harmonic10	Not Available	Harmonic11	Not Available
Harmonic12	Not Available	Harmonic13	Not Available
Harmonic14	Not Available	Harmonic15	Not Available
Harmonic16	Not Available	Harmonic17	Not Available
Harmonic18	Not Available	Harmonic19	Not Available
Harmonic20	Not Available	Harmonic21	Not Available
Harmonic22	Not Available	Harmonic23	Not Available
Harmonic24	Not Available	Harmonic25	Not Available

IEEE Std802.3 14.3.1.2.2 Transmitter Return Loss

Not Available

Frequency	Spec. Value	Measured Value	Result
		Not Available	
5 MHz	-15dB	Not Available	
10 MHz	-15dB	Not Available	

Transmitter Return Loss Result Not Available

IEEE Std802.3 14.3.1.2.2 Receiver Return Loss

Not Available

Frequency	Spec. Value	Measured Value	Result
		Not Available	
5 MHz	15dB	Not Available	
10 MHz	15dB	Not Available	

Receiver Return Loss Result Not Available

IEEE Std802.3 14.3.1.2.5 Common-mode output voltage

Not Available

Spec. Range: <50mV Peak	
Common-mode 10BaseT output voltage	Not Available
Common-mode for 10T Result	Not Available