



Test Report

PASS

Test Configuration Details	
Application	
Name	D9010ETHC Ethernet
Version	2.74.1.0
Device Description	
Tests10BT	No
Tests100BT	No
Tests1000BT	No
Tests10BT_EEE	Yes
Tests100BT_EEE	No
Tests1000BT_EEE	No
DisturbingSignal	Yes
TxTclk	Yes
DisturberSource	Use Keysight 33250A
ReturnLossTest	Use Vector Network Analyzer
Test Session Details	
Infiniium SW Version	06.74.00204
Infiniium Model Number	MSOS804A
Infiniium Serial Number	MY63200106
Debug Mode Used	No
Compliance Limits	IEEE Std. 802.3 Specification (official)
Probe (Channel 1)	Model: N2752A Serial: MY59364413 Atten: Calibrated (21 MAR 2024 15:09:45), Using Cal Atten (9.9506E+00) Skew: Not Calibrated, Using Default Skew
Probe (Channel 4)	Model: User Defined Probe Serial: No Serial Num Atten: Not Calibrated, Using Default Atten (1.0000E+00) Skew: Not Calibrated, Using Default Skew
Last Test Date	2024-03-27 12:56:07 UTC +08:00

Summary of Results

Test Statistics	
Failed	0
Passed	1
Total	1

Margin Thresholds	
Warning	< 5 %
Critical	< 0 %

Pass	# Failed	# Trials	Test Name	Actual Value	Margin	Pass Limits
✓	0	3	10 Base-T_e, Link Test Pulse, with TPM	0.000	100.000 %	No Mask Failures

Report Detail

✓ 10 Base-Te, Link Test Pulse, with TPM
Reference: IEEE Std. 802.3 (IEEE802.3az Subclause 14.3.1.2.1, Figure 14-12)

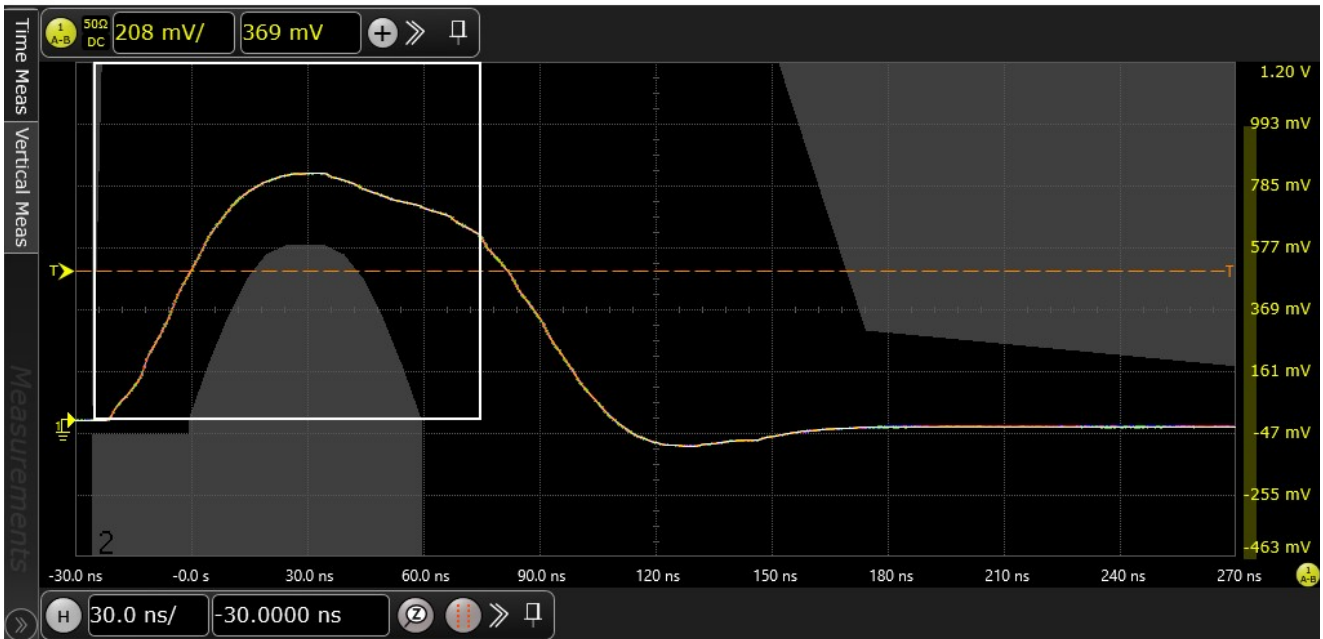
Test Summary: Pass	Test Description: The link test pulse shall be a single positive pulse which falls within the shaded area of Figure 14-12
Pass Limits: No Mask Failures	Mask Failures (10 Base-Te, Link Test Pulse, with TPM) (Worst of 3 Trials) 0.000
# Trials Run: 3	Worst Trial: Trial 2

Overall Summary + details of 3 worst trials

Pass	Trial	Actual Value	Margin	Start of LTP -- Failure Details	Start of LTP	End of LTP -- Failure Details	End of LTP	Load	#LTP/MAU Waveforms (10 Base-Te)	#LTP/IDL Avgs (10Base-Te)	LTP/TP_IDL Loads (10 Base-Te)
	<i>Avg</i>	0.000	100.0 %								
	<i>StdDev</i>	0.000	0.000 %								
	<i>Range</i>	0.000	0.000 %								
	<i>Min</i>	0.000	100.0 %								
	<i>Max</i>	0.000	100.0 %								
	<i>Sum</i>	0.000	300.0 %								
✓	Trial 2	0.000	100.000%	No Failure	N/A	No Failure	N/A	LOAD2	100.0	16.0	Load 2
✓	Trial 2 (Worst)	0.000	100.000%	No Failure	N/A	No Failure	N/A	LOAD3	100.0	16.0	Load 3/100 Ohms
✓	Trial 1	0.000	100.000%	No Failure	N/A	No Failure	N/A	LOAD1	100.0	16.0	Load 1

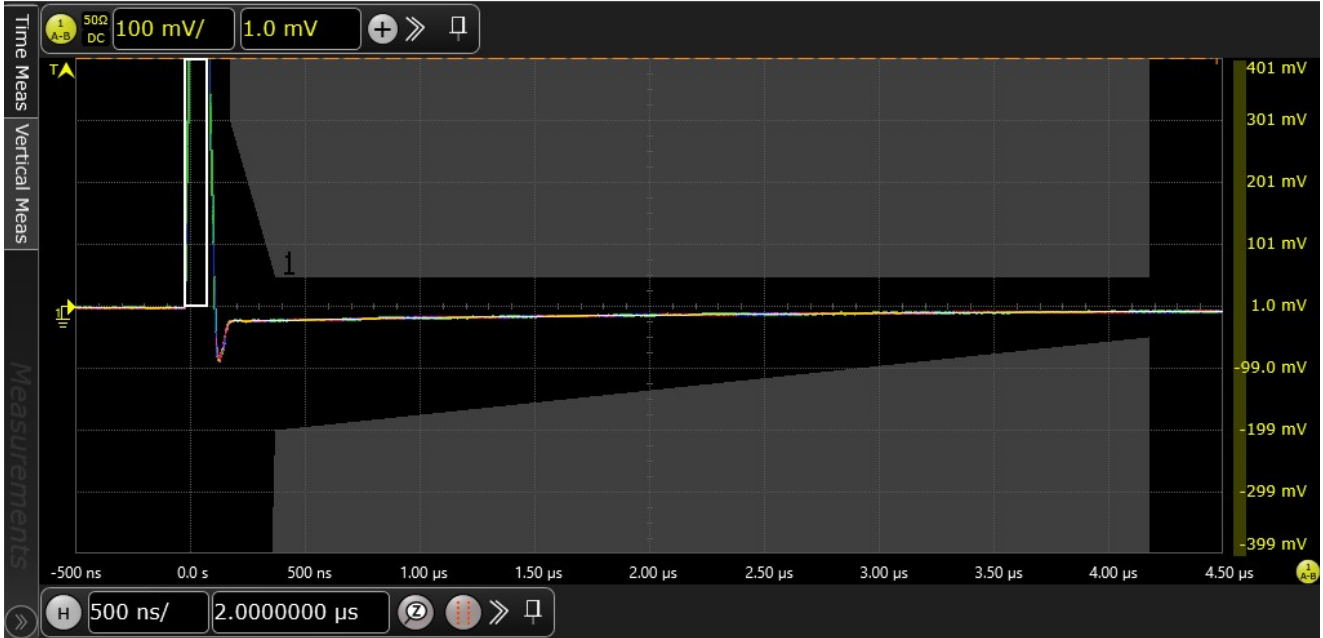
Trial 2

Trial 2: Start of LTP
 Keysight Infiniium : Wednesday, March 27, 2024 12:54:44 PM



Trial 2: End of LTP

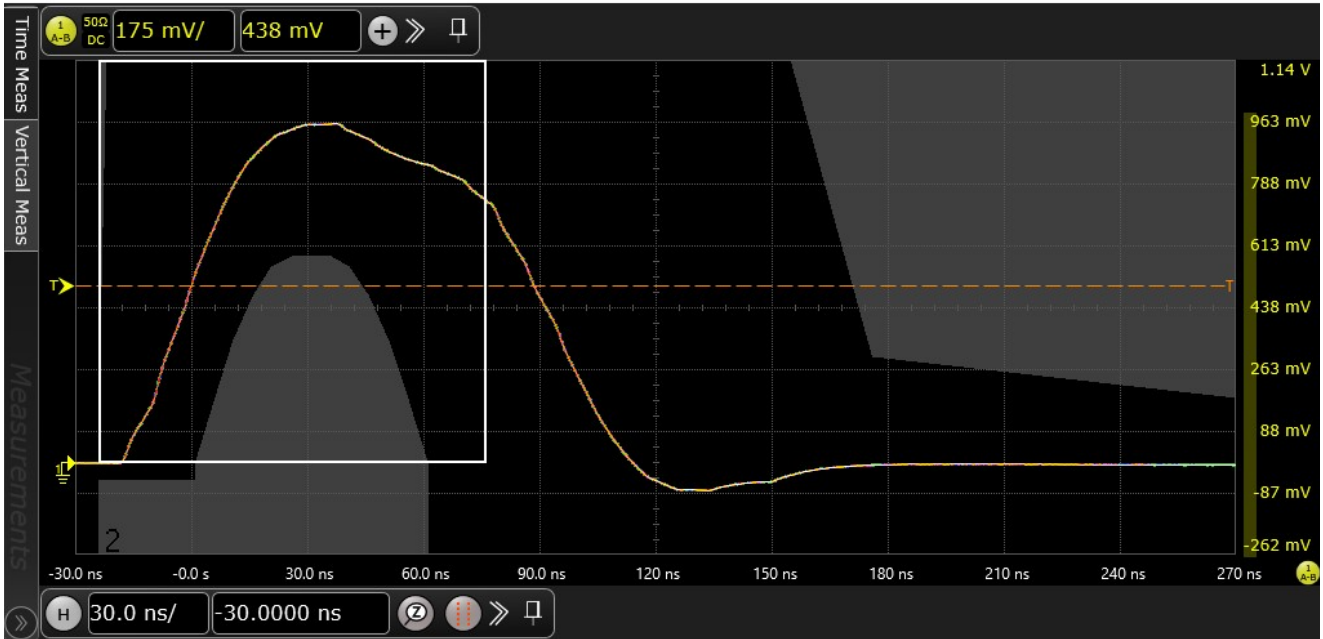
Keysight Infiniium : Wednesday, March 27, 2024 12:54:50 PM



Trial 2

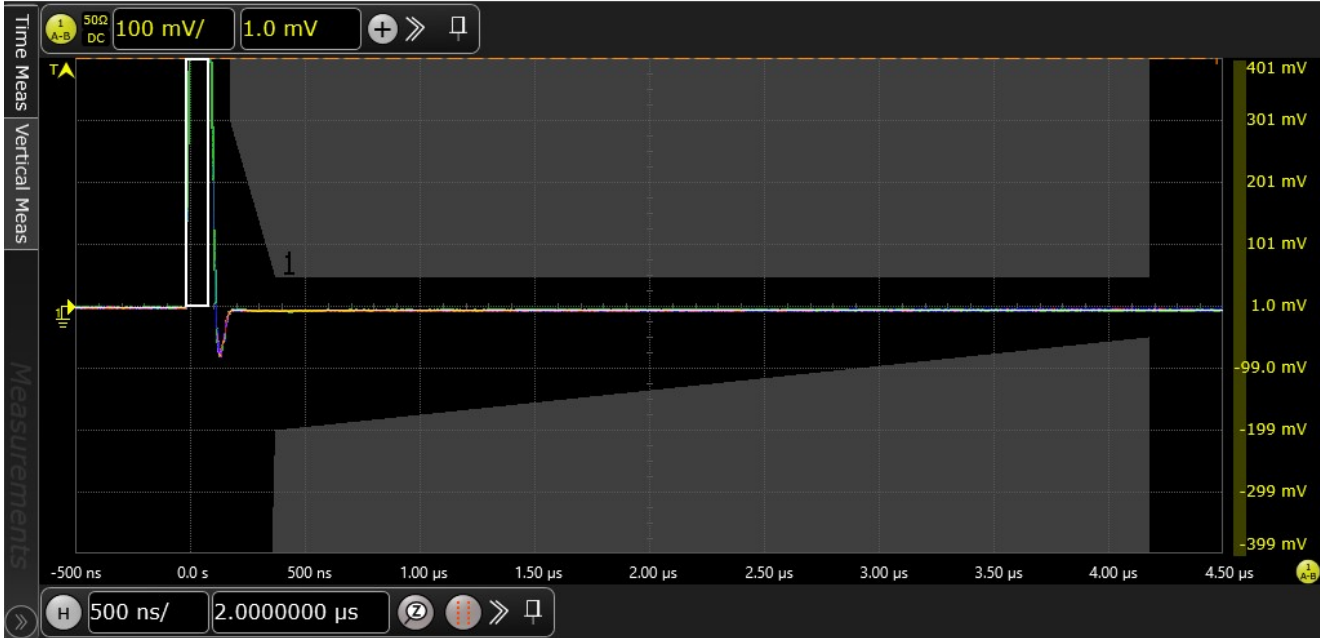
Trial 2: Start of LTP

Keysight Infiniium : Wednesday, March 27, 2024 12:56:00 PM



Trial 2: End of LTP

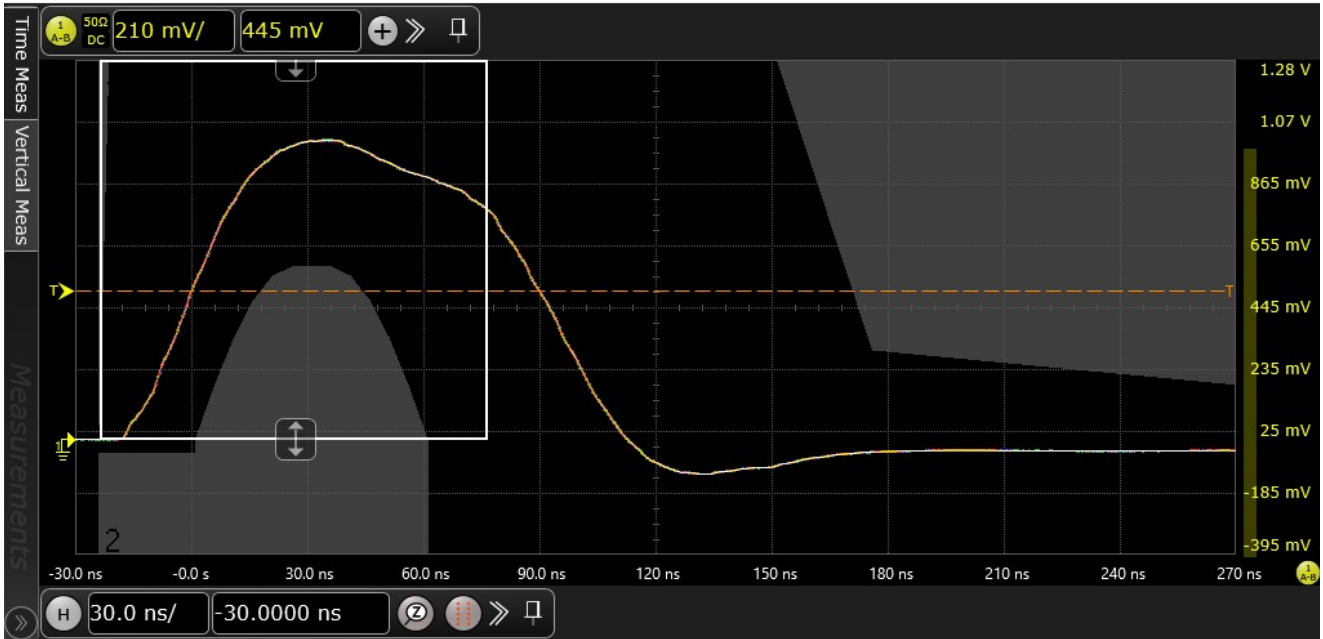
Keysight Infiniium : Wednesday, March 27, 2024 12:56:07 PM



Trial 1

Trial 1: Start of LTP

Keysight Infiniium : Wednesday, March 27, 2024 12:53:30 PM



Trial 1: End of LTP

Keysight Infiniium : Wednesday, March 27, 2024 12:53:36 PM

