

Cable ID	Summary	Test Limit	Length	Headroom	Date / Time
1TRA-023	PASS	TIA Cat 5e Channel	59 ft	9.8 dB (NEXT)	07/21/2022 12:59 PM
1TRA-024	PASS	TIA Cat 5e Channel	59 ft	9.9 dB (NEXT)	07/21/2022 01:00 PM
1TRA-029	PASS	TIA Cat 5e Channel	59 ft	8.8 dB (NEXT)	07/21/2022 01:05 PM
1TRA-028	PASS	TIA Cat 5e Channel	70 ft	9.6 dB (NEXT)	07/21/2022 01:08 PM

Total Length:	247 ft
Number of Reports:	4
Number of Passing Reports:	4
Number of Failing Reports:	0
Number of Warning Reports:	0
Documentation Only:	0



## Cable ID: 1TRA-023

Test Limit: TIA Cat 5e Channel

Limits Version: V7.6

Date / Time: 07/21/2022 12:59:24 PM

Operator: ZEKE GOMEZ

Headroom 9.8 dB (NEXT 3,6-4,5)

Cable Type: Cat 5e U/UTP

NVP: 69.0%

Main: Versiv

S/N: 19140163

Software Version: V6.7 Build 1

Calibration Date: 07/01/2022

Adapter: DSX-5000 (DSX-CHA004)

S/N: 4592537

## Test Summary: PASS

Remote: Versiv

S/N: 19140167

Software Version: V6.7 Build 1

Calibration Date: 07/01/2022

Adapter: DSX-5000R (DSX-PLA004)

S/N: 4537098

Length (ft), Limit 328	[Pair 1,2]	59
Prop. Delay (ns), Limit 555	[Pair 7,8]	92
Delay Skew (ns), Limit 50	[Pair 7,8]	5
Resistance (ohms)	[Pair 3,6]	3.49
Insertion Loss Margin (dB)	[Pair 1,2]	19.8
Frequency (MHz)	[Pair 1,2]	100.0
Limit (dB)	[Pair 1,2]	24.0

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	3,6-4,5
<b>NEXT (dB)</b>	9.8	10.0	9.8	10.9
Freq. (MHz)	85.0	53.8	85.0	91.3
Limit (dB)	31.3	34.7	31.3	30.8
Worst Pair	3,6	3,6	3,6	3,6
<b>PS NEXT (dB)</b>	10.3	10.0	10.8	11.6
Freq. (MHz)	53.3	53.8	84.8	97.8
Limit (dB)	31.8	31.7	28.3	27.2

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8-1,2	1,2-7,8	7,8-1,2	1,2-7,8
<b>ACR-F (dB)</b>	14.1	14.1	17.5	17.5
Freq. (MHz)	2.8	2.8	100.0	100.0
Limit (dB)	48.6	48.6	17.4	17.4
Worst Pair	7,8	7,8	7,8	7,8
<b>PS ACR-F (dB)</b>	16.2	16.3	19.0	19.0
Freq. (MHz)	1.1	1.6	100.0	100.0
Limit (dB)	53.4	50.2	14.4	14.4

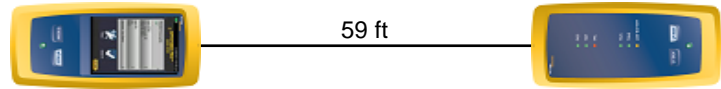
N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	1,2-3,6	3,6-4,5	1,2-3,6
<b>ACR-N (dB)</b>	18.2	18.1	28.1	31.3
Freq. (MHz)	15.5	3.0	85.3	97.8
Limit (dB)	34.9	51.7	9.3	6.5
Worst Pair	3,6	3,6	3,6	3,6
<b>PS ACR-N (dB)</b>	18.5	18.1	28.9	31.2
Freq. (MHz)	2.3	2.6	84.8	97.8
Limit (dB)	51.3	49.9	6.4	3.5

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6	7,8	3,6	7,8
<b>RL (dB)</b>	9.8	11.3	9.9	11.3
Freq. (MHz)	76.8	77.3	77.0	77.3
Limit (dB)	11.2	11.1	11.1	11.1

Compliant Network Standards:

10BASE-T 100BASE-TX  
1000BASE-T 2.5GBASE-T  
ATM-51 ATM-155  
TR-4 TR-16 Active

100BASE-T4  
ATM-25  
100VG-AnyLan  
TR-16 Passive

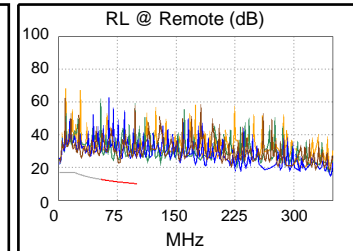
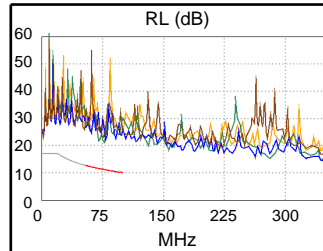
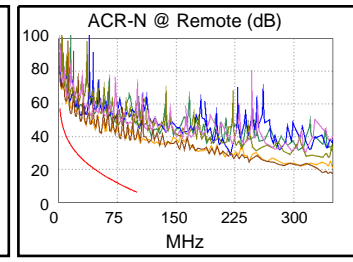
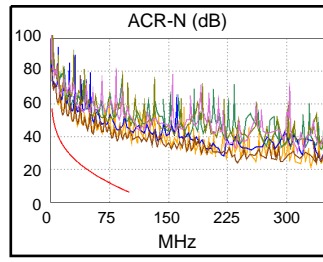
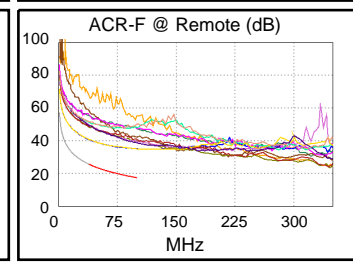
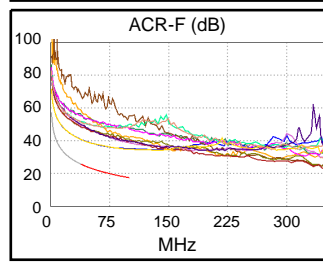
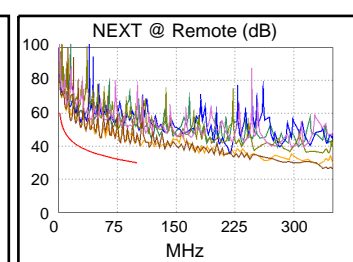
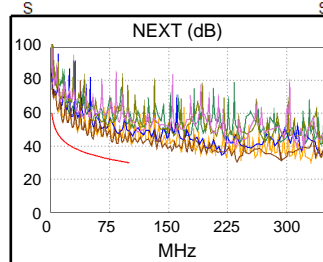
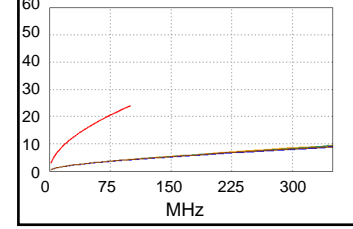


Wire Map (T568A)

PASS



Insertion Loss (dB)





## Cable ID: 1TRA-024

Test Limit: TIA Cat 5e Channel

Limits Version: V7.6

Date / Time: 07/21/2022 01:00:26 PM

Operator: ZEKE GOMEZ

Headroom 9.9 dB (NEXT 3,6-4,5)

Cable Type: Cat 5e U/UTP

NVP: 69.0%

Main: Versiv

S/N: 19140163

Software Version: V6.7 Build 1

Calibration Date: 07/01/2022

Adapter: DSX-5000 (DSX-CHA004)

S/N: 4592537

## Test Summary: PASS

Remote: Versiv

S/N: 19140167

Software Version: V6.7 Build 1

Calibration Date: 07/01/2022

Adapter: DSX-5000R (DSX-PLA004)

S/N: 4537098

Length (ft), Limit 328	[Pair 1,2]	59
Prop. Delay (ns), Limit 555	[Pair 7,8]	91
Delay Skew (ns), Limit 50	[Pair 7,8]	4
Resistance (ohms)	[Pair 3,6]	3.49
Insertion Loss Margin (dB)	[Pair 3,6]	19.8
Frequency (MHz)	[Pair 3,6]	100.0
Limit (dB)	[Pair 3,6]	24.0



59 ft

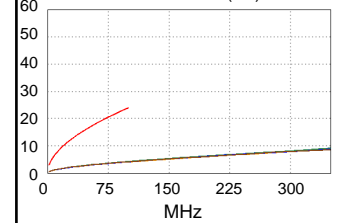


Wire Map (T568A)

PASS

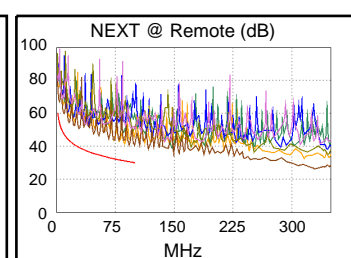
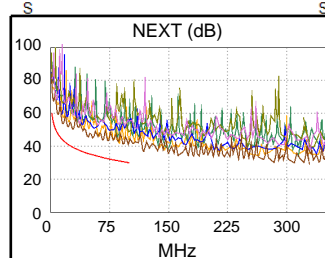


Insertion Loss (dB)

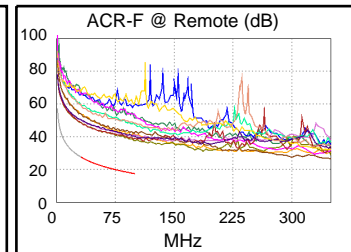
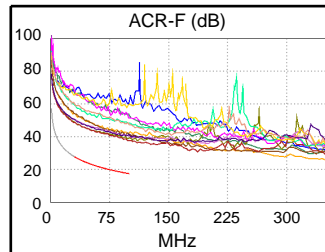


Worst Case Margin Worst Case Value

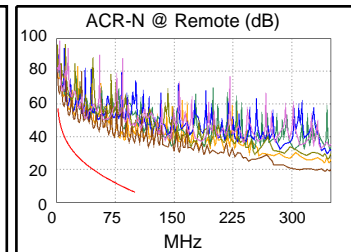
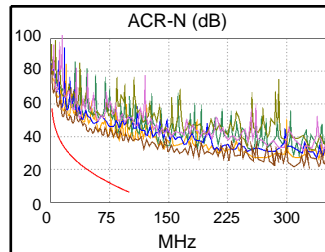
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	3,6-4,5
NEXT (dB)	9.9	10.1	10.4	10.4
Freq. (MHz)	47.3	92.5	92.5	99.3
Limit (dB)	35.7	30.7	30.7	30.1
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	11.0	10.8	11.7	12.0
Freq. (MHz)	73.5	73.3	99.5	99.5
Limit (dB)	29.4	29.4	27.1	27.1



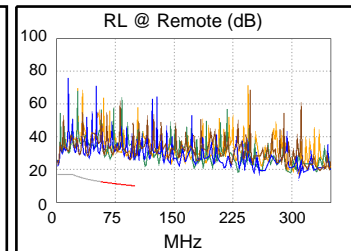
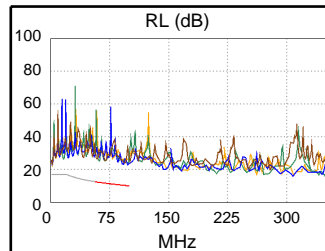
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	3,6-4,5	4,5-3,6	3,6-4,5
ACR-F (dB)	19.8	19.9	19.8	19.9
Freq. (MHz)	99.3	99.3	99.3	99.3
Limit (dB)	17.5	17.5	17.5	17.5
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	19.8	20.0	20.4	21.0
Freq. (MHz)	1.1	1.1	98.8	100.0
Limit (dB)	53.4	53.4	14.5	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	3,6-4,5
ACR-N (dB)	16.4	15.2	30.8	30.2
Freq. (MHz)	2.8	2.5	99.0	99.3
Limit (dB)	52.5	53.4	6.3	6.2
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	18.1	17.3	31.4	31.7
Freq. (MHz)	2.1	2.5	99.5	99.5
Limit (dB)	51.8	50.4	3.2	3.2



PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	3,6	4,5	4,5
RL (dB)	12.4	14.7	12.7	15.5
Freq. (MHz)	92.3	68.5	98.5	99.5
Limit (dB)	10.4	11.7	10.1	10.0



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	ATM-25
ATM-51	ATM-155	100VG-AnyLan
TR-4	TR-16 Active	TR-16 Passive



## Cable ID: 1TRA-029

Test Limit: TIA Cat 5e Channel

Limits Version: V7.6

Date / Time: 07/21/2022 01:05:37 PM

Operator: ZEKE GOMEZ

Headroom 8.8 dB (NEXT 3,6-4,5)

Cable Type: Cat 5e U/UTP

NVP: 69.0%

Main: Versiv

S/N: 19140163

Software Version: V6.7 Build 1

Calibration Date: 07/01/2022

Adapter: DSX-5000 (DSX-CHA004)

S/N: 4592537

## Test Summary: PASS

Remote: Versiv

S/N: 19140167

Software Version: V6.7 Build 1

Calibration Date: 07/01/2022

Adapter: DSX-5000R (DSX-PLA004)

S/N: 4537098

Length (ft), Limit 328	[Pair 1,2]	59
Prop. Delay (ns), Limit 555	[Pair 7,8]	91
Delay Skew (ns), Limit 50	[Pair 7,8]	4
Resistance (ohms)	[Pair 3,6]	3.53
Insertion Loss Margin (dB)	[Pair 3,6]	19.7
Frequency (MHz)	[Pair 3,6]	100.0
Limit (dB)	[Pair 3,6]	24.0



59 ft

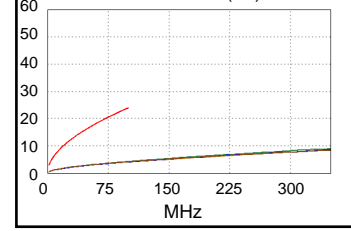


Wire Map (T568A)

PASS

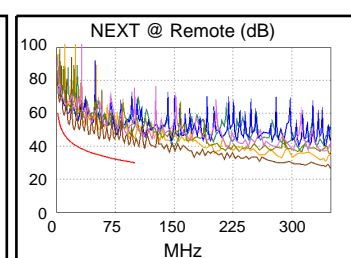
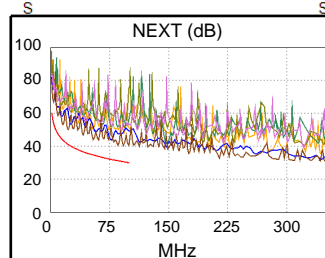


Insertion Loss (dB)

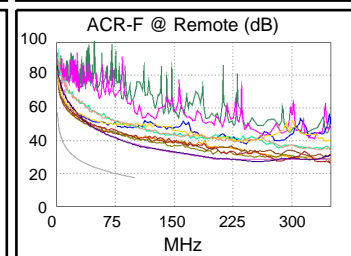
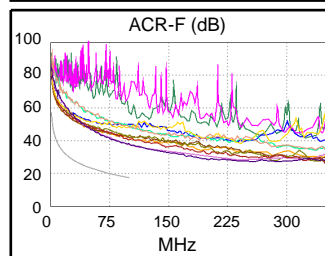


Worst Case Margin Worst Case Value

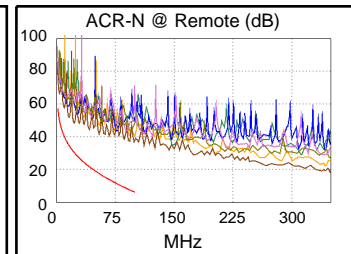
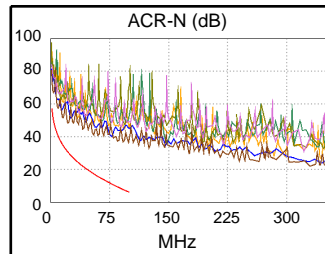
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	3,6-4,5
NEXT (dB)	8.8	9.0	10.4	10.6
Freq. (MHz)	22.0	22.4	99.3	99.5
Limit (dB)	41.3	41.2	30.1	30.1
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	11.2	11.2	12.0	11.2
Freq. (MHz)	54.0	93.0	93.0	93.0
Limit (dB)	31.7	27.6	27.6	27.6



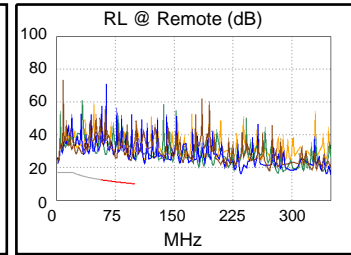
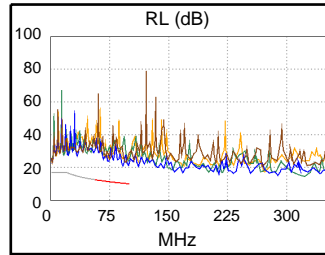
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	7,8-3,6	3,6-7,8	7,8-3,6
ACR-F (dB)	20.1	20.0	20.3	20.1
Freq. (MHz)	98.3	99.3	100.0	100.0
Limit (dB)	17.6	17.5	17.4	17.4
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	20.7	20.8	20.7	20.8
Freq. (MHz)	100.0	98.5	100.0	98.5
Limit (dB)	14.4	14.5	14.4	14.5



N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	3,6-4,5
ACR-N (dB)	15.8	15.6	30.3	30.4
Freq. (MHz)	2.8	3.4	99.5	99.5
Limit (dB)	52.5	50.7	6.2	6.2
Worst Pair	4,5	4,5	3,6	3,6
PS ACR-N (dB)	18.0	17.9	31.0	30.2
Freq. (MHz)	3.4	3.4	93.0	93.0
Limit (dB)	47.7	47.7	4.5	4.5



PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	7,8	4,5	7,8
RL (dB)	10.6	13.7	10.6	13.7
Freq. (MHz)	92.0	94.0	92.0	94.0
Limit (dB)	10.4	10.3	10.4	10.3



Compliant Network Standards:

10BASE-T 100BASE-TX

1000BASE-T 2.5GBASE-T

ATM-51 ATM-155

TR-4 TR-16 Active

100BASE-T4

ATM-25

100VG-AnyLan

TR-16 Passive



## Cable ID: 1TRA-028

Test Limit: TIA Cat 5e Channel

Limits Version: V7.6

Date / Time: 07/21/2022 01:08:35 PM

Operator: ZEKE GOMEZ

Headroom 9.6 dB (NEXT 3,6-4,5)

Cable Type: Cat 5e U/UTP

NVP: 69.0%

Main: Versiv

S/N: 19140163

Software Version: V6.7 Build 1

Calibration Date: 07/01/2022

Adapter: DSX-5000 (DSX-CHA004)

S/N: 4592537

## Test Summary: PASS

Remote: Versiv

S/N: 19140167

Software Version: V6.7 Build 1

Calibration Date: 07/01/2022

Adapter: DSX-5000R (DSX-PLA004)

S/N: 4537098

Length (ft), Limit 328	[Pair 1,2]	70
Prop. Delay (ns), Limit 555	[Pair 7,8]	107
Delay Skew (ns), Limit 50	[Pair 7,8]	4
Resistance (ohms)	[Pair 4,5]	4.95
Insertion Loss Margin (dB)	[Pair 1,2]	19.1
Frequency (MHz)	[Pair 1,2]	100.0
Limit (dB)	[Pair 1,2]	24.0

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	3,6-4,5	3,6-4,5	3,6-4,5
<b>NEXT (dB)</b>	11.0	9.6	13.4	12.0
Freq. (MHz)	27.0	71.5	98.3	98.5
Limit (dB)	39.8	32.6	30.2	30.2
Worst Pair	1,2	3,6	3,6	3,6
<b>PS NEXT (dB)</b>	12.4	11.6	14.4	14.0
Freq. (MHz)	22.6	71.8	98.8	98.5
Limit (dB)	38.1	29.6	27.2	27.2

PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	3,6-4,5	3,6-4,5	4,5-3,6
<b>ACR-F (dB)</b>	24.8	24.8	25.9	25.9
Freq. (MHz)	83.5	83.5	100.0	100.0
Limit (dB)	19.0	19.0	17.4	17.4
Worst Pair	3,6	3,6	4,5	3,6
<b>PS ACR-F (dB)</b>	26.4	26.1	28.0	28.0
Freq. (MHz)	1.4	1.5	100.0	98.3
Limit (dB)	51.6	50.9	14.4	14.6

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	3,6-4,5
<b>ACR-N (dB)</b>	17.6	16.1	32.4	31.0
Freq. (MHz)	2.6	1.8	98.3	98.5
Limit (dB)	52.9	56.4	6.4	6.4
Worst Pair	3,6	3,6	3,6	3,6
<b>PS ACR-N (dB)</b>	18.1	16.9	33.5	33.0
Freq. (MHz)	2.8	2.5	98.8	98.5
Limit (dB)	49.5	50.4	3.3	3.4

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6	7,8	3,6	7,8
<b>RL (dB)</b>	8.8	12.6	8.9	12.6
Freq. (MHz)	92.3	89.3	96.5	89.3
Limit (dB)	10.4	10.5	10.2	10.5

Compliant Network Standards:

10BASE-T 100BASE-TX

1000BASE-T 2.5GBASE-T

ATM-51 ATM-155

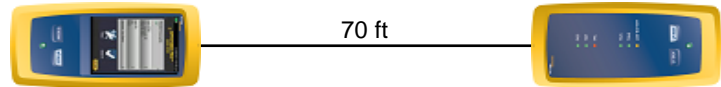
TR-4 TR-16 Active

100BASE-T4

ATM-25

100VG-AnyLan

TR-16 Passive



Wire Map (T568A)

PASS



Insertion Loss (dB)

