

Cable ID	Summary	Test Limit	Length	Headroom	Date / Time
1TRA-001	PASS	TIA Cat 5e Channel	113 ft	10.0 dB (NEXT)	10/13/2022 12:52 PM
1TRA-020	PASS	TIA Cat 5e Channel	92 ft	9.3 dB (NEXT)	10/13/2022 12:49 PM

Total Length:	205 ft
Number of Reports:	2
Number of Passing Reports:	2
Number of Failing Reports:	0
Number of Warning Reports:	0
Documentation Only:	0



Cable ID: 1TRA-001

Test Limit: TIA Cat 5e Channel

Limits Version: V7.6

Date / Time: 10/13/2022 12:52:29 PM

Operator: ZEKE GOMEZ

Headroom 10.0 dB (NEXT 3,6-4,5)

Cable Type: Cat 5e U/UTP

NVP: 69.0%

Main: Versiv

S/N: 3518227

Software Version: V6.7 Build 1

Calibration Date: 07/23/2022

Adapter: DSX-5000 (DSX-CHA004)

S/N: 3509259

Test Summary: PASS

Remote: Versiv

S/N: 3491268

Software Version: V6.7 Build 1

Calibration Date: 07/23/2022

Adapter: DSX-5000R (DSX-PLA004)

S/N: 4644127

Length (ft), Limit 328	[Pair 7,8]	113
Prop. Delay (ns), Limit 555	[Pair 3,6]	175
Delay Skew (ns), Limit 50	[Pair 3,6]	8
Resistance (ohms)	[Pair 4,5]	15.11
Insertion Loss Margin (dB)	[Pair 4,5]	13.8
Frequency (MHz)	[Pair 4,5]	90.5
Limit (dB)	[Pair 4,5]	22.7

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)	10.0	11.7	10.4	11.7
Freq. (MHz)	1.8	95.8	95.5	95.8
Limit (dB)	59.4	30.4	30.4	30.4
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	11.0	13.7	11.0	13.7
Freq. (MHz)	95.5	95.8	95.5	95.8
Limit (dB)	27.4	27.4	27.4	27.4

PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	3,6-4,5	3,6-4,5	3,6-4,5
ACR-F (dB)	21.6	21.1	23.4	21.3
Freq. (MHz)	80.8	81.0	100.0	87.0
Limit (dB)	19.3	19.2	17.4	18.6
Worst Pair	3,6	4,5	3,6	4,5
PS ACR-F (dB)	20.8	19.9	23.5	22.4
Freq. (MHz)	1.1	1.6	99.0	90.5
Limit (dB)	53.4	50.2	14.5	15.3

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)	11.6	13.9	25.4	26.7
Freq. (MHz)	1.8	1.6	95.5	95.8
Limit (dB)	56.4	56.9	7.0	7.0
Worst Pair	4,5	3,6	3,6	3,6
PS ACR-N (dB)	13.5	16.1	26.6	29.3
Freq. (MHz)	1.8	2.1	95.5	95.8
Limit (dB)	53.4	51.8	4.0	4.0

PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	4,5	4,5	4,5
RL (dB)	2.1	9.4	7.2	13.9
Freq. (MHz)	20.0	11.9	100.0	86.3
Limit (dB)	17.0	17.0	10.0	10.7

Compliant Network Standards:

10BASE-T 100BASE-TX

1000BASE-T 2.5GBASE-T

ATM-51 ATM-155

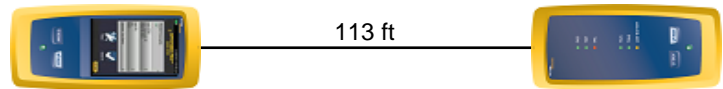
TR-4 TR-16 Active

100BASE-T4

ATM-25

100VG-AnyLan

TR-16 Passive

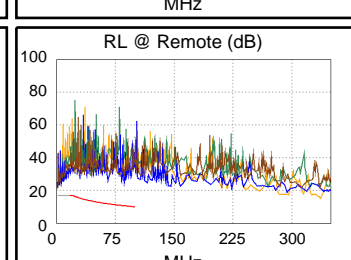
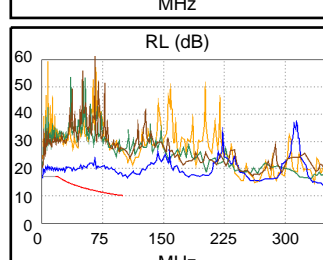
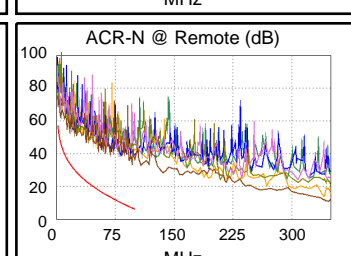
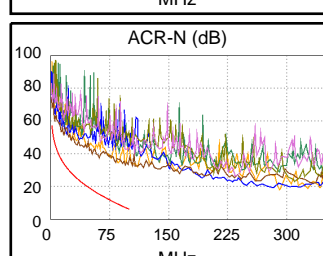
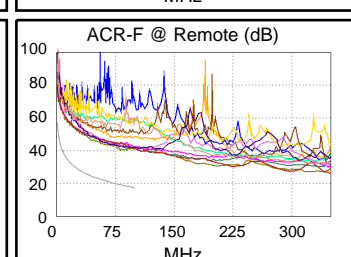
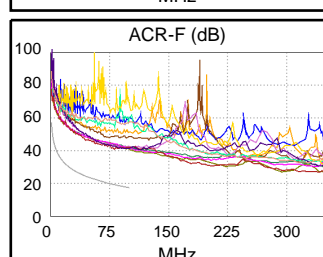
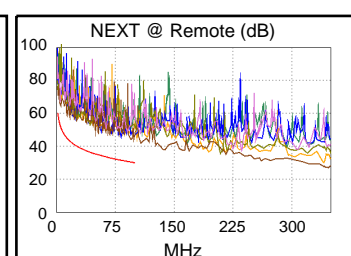
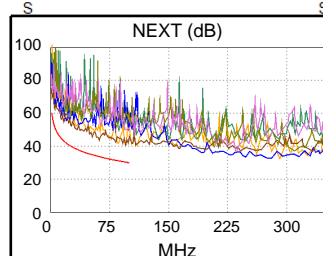
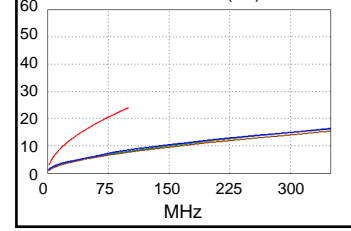


Wire Map (T568B)

PASS



Insertion Loss (dB)





Cable ID: 1TRA-020

Test Limit: TIA Cat 5e Channel

Limits Version: V7.6

Date / Time: 10/13/2022 12:49:52 PM

Operator: ZEKE GOMEZ

Headroom 9.3 dB (NEXT 1,2-3,6)

Cable Type: Cat 5e U/UTP

NVP: 69.0%

Main: Versiv

S/N: 3518227

Software Version: V6.7 Build 1

Calibration Date: 07/23/2022

Adapter: DSX-5000 (DSX-CHA004)

S/N: 3509259

Test Summary: PASS

Remote: Versiv

S/N: 3491268

Software Version: V6.7 Build 1

Calibration Date: 07/23/2022

Adapter: DSX-5000R (DSX-PLA004)

S/N: 4644127

Length (ft), Limit 328	[Pair 3,6]	92
Prop. Delay (ns), Limit 555	[Pair 7,8]	138
Delay Skew (ns), Limit 50	[Pair 1,2]	3
Resistance (ohms)	[Pair 7,8]	5.71
Insertion Loss Margin (dB)	[Pair 4,5]	17.5
Frequency (MHz)	[Pair 4,5]	100.0
Limit (dB)	[Pair 4,5]	24.0



92 ft

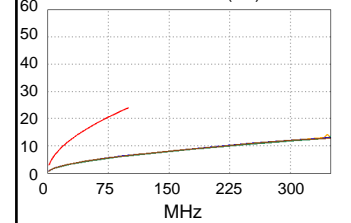


Wire Map (T568B)

PASS

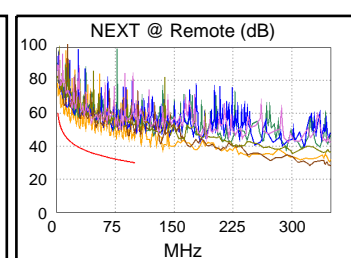
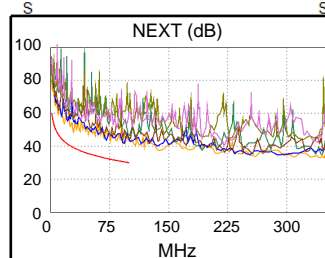


Insertion Loss (dB)

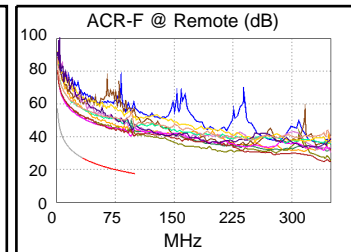
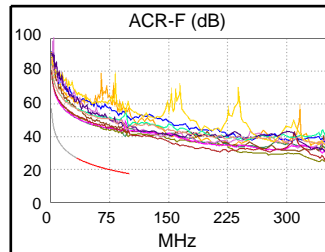


Worst Case Margin Worst Case Value

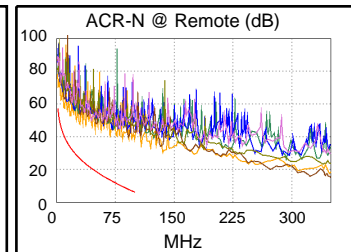
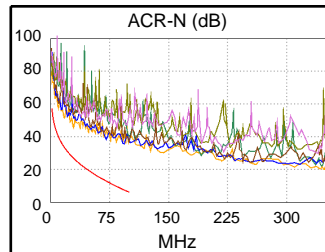
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-7,8	1,2-3,6
NEXT (dB)	9.3	11.4	11.1	12.7
Freq. (MHz)	29.0	29.4	93.0	84.5
Limit (dB)	39.3	39.2	30.6	31.3
Worst Pair	1,2	3,6	1,2	3,6
PS NEXT (dB)	11.2	13.4	12.0	14.2
Freq. (MHz)	29.0	29.4	100.0	92.3
Limit (dB)	36.3	36.2	27.1	27.7



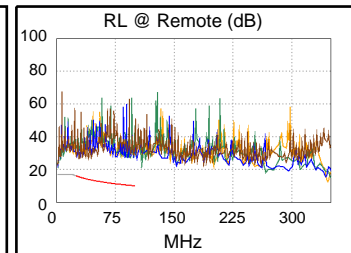
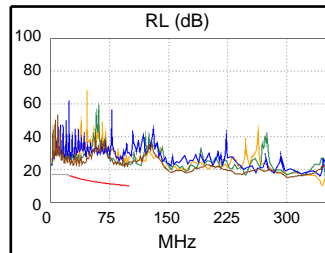
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	4,5-1,2	1,2-4,5	4,5-1,2
ACR-F (dB)	22.3	22.4	22.3	22.4
Freq. (MHz)	94.8	94.8	94.8	94.8
Limit (dB)	17.9	17.9	17.9	17.9
Worst Pair	4,5	4,5	4,5	3,6
PS ACR-F (dB)	22.9	22.7	23.3	23.0
Freq. (MHz)	1.5	1.0	98.0	97.8
Limit (dB)	50.9	54.4	14.6	14.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-N (dB)	17.3	15.3	29.4	31.9
Freq. (MHz)	9.6	2.0	99.8	100.0
Limit (dB)	40.3	55.3	6.1	6.1
Worst Pair	3,6	3,6	1,2	3,6
PS ACR-N (dB)	18.5	17.5	29.6	31.2
Freq. (MHz)	9.6	2.0	100.0	92.3
Limit (dB)	37.3	52.3	3.1	4.7



PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	7,8	3,6
RL (dB)	6.9	10.8	11.7	15.9
Freq. (MHz)	28.8	29.0	98.3	94.0
Limit (dB)	15.4	15.4	10.1	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