

LinkWare Live

Official Summary

Certification Report



Exclusively For:	Prepared By:	Projects
	Systec101	AMC 2151 Fresh Meadows
	Murat Yildirim	
	info@systec101.com	

Product Name	Serial Number	Firmware Version	Calibration Date
CFP-QUAD	19410064	V6.12 Build 2	11/03/2022
CFP-QUAD	19420167	V6.12 Build 2	11/03/2022
DSX-8000	1927408	V6.12 Build 2	10/31/2022
DSX-8000	1927404	V6.12 Build 2	10/31/2022

Cable ID	Summary	Test Limit	Length	Headroom	Date / Time
01	PASS	TIA-568.3-E Multimode (STD)	96 ft	0.35 dB (Loss Margin)	07/01/2025 05:11:48 PM
02	PASS	TIA-568.3-E Multimode (STD)	96 ft	0.91 dB (Loss Margin)	07/01/2025 05:11:49 PM
03	PASS	TIA-568.3-E Multimode (STD)	96 ft	0.67 dB (Loss Margin)	07/01/2025 05:19:14 PM
04	PASS	TIA-568.3-E Multimode (STD)	96 ft	0.80 dB (Loss Margin)	07/01/2025 05:19:14 PM
05	PASS	TIA-568.3-E Multimode (STD)	96 ft	0.87 dB (Loss Margin)	07/01/2025 05:23:24 PM
06	PASS	TIA-568.3-E Multimode (STD)	96 ft	1.01 dB (Loss Margin)	07/01/2025 05:23:24 PM
AP-AUD1	PASS	TIA Cat 6 Channel	92 ft	3.9 dB (NEXT)	06/26/2025 09:57:10 PM
AP-AUD2	PASS	TIA Cat 6 Channel	46 ft	7.7 dB (NEXT)	06/26/2025 10:03:21 PM
AP-AUD3	PASS	TIA Cat 6 Channel	101 ft	6.0 dB (NEXT)	06/26/2025 09:53:19 PM
AP-AUD4	PASS	TIA Cat 6 Channel	123 ft	0.9 dB (NEXT)	06/26/2025 10:07:55 PM
AP-AUD5	PASS	TIA Cat 6 Channel	123 ft	6.6 dB (NEXT)	06/27/2025 03:06:14 AM
AP-AUD6	PASS	TIA Cat 6 Channel	119 ft	2.9 dB (NEXT)	06/27/2025 12:58:19 AM
AP-AUD7	PASS	TIA Cat 6 Channel	162 ft	5.2 dB (NEXT)	06/27/2025 03:25:42 AM
PB01	PASS	TIA Cat 6 Channel	77 ft	3.2 dB (NEXT)	06/26/2025 09:55:41 PM
PB02	PASS	TIA Cat 6 Channel	46 ft	4.9 dB (NEXT)	06/26/2025 10:02:04 PM
PB03	PASS	TIA Cat 6 Channel	89 ft	4.0 dB (NEXT)	06/26/2025 09:50:59 PM
PB04	PASS	TIA Cat 6 Channel	112 ft	3.8 dB (NEXT)	06/26/2025 10:06:55 PM
PB05	PASS	TIA Cat 6 Channel	111 ft	3.1 dB (NEXT)	06/27/2025 01:49:19 AM
PB06	PASS	TIA Cat 6 Channel	123 ft	6.6 dB (NEXT)	06/27/2025 03:06:33 AM
PB07	PASS	TIA Cat 6 Channel	175 ft	8.8 dB (NEXT)	06/27/2025 03:31:18 AM
S01	PASS	TIA Cat 6 Channel	77 ft	6.9 dB (NEXT)	06/26/2025 09:54:34 PM
S02	PASS	TIA Cat 6 Channel	46 ft	6.6 dB (NEXT)	06/26/2025 09:58:07 PM
S03	PASS	TIA Cat 6 Channel	89 ft	5.6 dB (NEXT)	06/26/2025 09:51:45 PM
S04	PASS	TIA Cat 6 Channel	112 ft	2.4 dB (NEXT)	06/26/2025 10:04:39 PM
S05	PASS	TIA Cat 6 Channel	112 ft	1.8 dB (NEXT)	06/27/2025 12:38:10 AM
S06	PASS	TIA Cat 6 Channel	175 ft	8.6 dB (NEXT)	06/27/2025 03:47:45 AM
S07	PASS	TIA Cat 6 Channel	175 ft	8.7 dB (NEXT)	06/27/2025 03:47:22 AM

Total Length:	2861 ft
No of Reports:	27
No of Passing Reports:	27
No of Failing Reports:	0
No of Warning Reports:	0
Documentation only:	0



Cable ID: 01

Test Summary: PASS

Date / Time: 07/01/2025 05:11:48 PM
Cable Type : OM3 Multimode 50

n = 1.482000 (850 nm)
n = 1.477000 (1300 nm)

Backscatter Coefficient: -68.00 dB (850 nm)
Backscatter Coefficient: -75.80 dB (1300 nm)

Modal Bandwidth: 2000 MHz-km (850 nm)
Modal Bandwidth: 500 MHz-km (1300 nm)
Project: AMC 2151 Fresh Meadows

Loss (R->M)
PASS

Date / Time: 07/01/2025 05:11:48 PM
Test Limit: TIA-568.3-E Multimode (STD)
CertiFiber Pro (19265199 V6.12 Build 2)
Module: CFP-QUAD (19420167)
Calibration Date: 11/03/2022
CertiFiber Pro Remote (19300034 V6.12 Build 2)
Module: CFP-QUAD (19410064)
Calibration Date: 11/03/2022

Prop. Delay (ns)	144	
Length (ft)	96	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	0.85	1.19
Limit (dB)	1.59	1.54
Margin (dB)	0.74	0.35
Reference (dBm)	-23.76	-24.01

Number of Adapters: 2
Number of Splices: 0
Connector Type: LC
Patch Length1 (ft): 7
Reference Date: 07/01/2025 04:37:00 PM
1 Jumper

Compliant Network Standards:

10BASE-FL	10/100BASE-SX	100BASE-FX
1000BASE-LX	1000BASE-SX	10GBASE-LRM
10GBASE-LX4	10GBASE-SR	40GBASE-SR4
100GBASE-SR4	100GBASE-SR10	ATM52
ATM155	ATM155SWL	ATM622 Fiber Optic
ATM622SWL Fiber Optic	Fibre Channel 133	Fibre Channel 266
Fibre Channel 266SWL	Fibre Channel 100-M5-SN-I	Fibre Channel 100-M5E-SN-I
Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 800-M5-SN-S	Fibre Channel 800-M5E-SN-I
Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I	Fibre Channel 1600-M5-SN-S
Fibre Channel 1600-M5E-SN-I	FDDI Fiber Optic	



Cable ID: 02

Test Summary: PASS

Date / Time: 07/01/2025 05:11:49 PM
Cable Type : OM3 Multimode 50

n = 1.482000 (850 nm)
n = 1.477000 (1300 nm)

Backscatter Coefficient: -68.00 dB (850 nm)
Backscatter Coefficient: -75.80 dB (1300 nm)

Modal Bandwidth: 2000 MHz-km (850 nm)
Modal Bandwidth: 500 MHz-km (1300 nm)
Project: AMC 2151 Fresh Meadows

Loss (M->R)
PASS

Date / Time: 07/01/2025 05:11:49 PM
Test Limit: TIA-568.3-E Multimode (STD)
CertiFiber Pro (19265199 V6.12 Build 2)
Module: CFP-QUAD (19420167)
Calibration Date: 11/03/2022
CertiFiber Pro Remote (19300034 V6.12 Build 2)
Module: CFP-QUAD (19410064)
Calibration Date: 11/03/2022

Prop. Delay (ns)	144	
Length (ft)	96	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	0.54	0.63
Limit (dB)	1.59	1.54
Margin (dB)	1.05	0.91
Reference (dBm)	-24.00	-24.54

Number of Adapters: 2
Number of Splices: 0
Connector Type: LC
Patch Length1 (ft): 7
Reference Date: 07/01/2025 04:37:00 PM
1 Jumper

Compliant Network Standards:

10BASE-FL	10/100BASE-SX	100BASE-FX
1000BASE-LX	1000BASE-SX	10GBASE-LRM
10GBASE-LX4	10GBASE-SR	40GBASE-SR4
100GBASE-SR4	100GBASE-SR10	ATM52
ATM155	ATM155SWL	ATM622 Fiber Optic
ATM622SWL Fiber Optic	Fibre Channel 133	Fibre Channel 266
Fibre Channel 266SWL	Fibre Channel 100-M5-SN-I	Fibre Channel 100-M5E-SN-I
Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 800-M5-SN-S	Fibre Channel 800-M5E-SN-I
Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I	Fibre Channel 1600-M5-SN-S
Fibre Channel 1600-M5E-SN-I	FDDI Fiber Optic	



Cable ID: 03

Test Summary: PASS

Date / Time: 07/01/2025 05:19:14 PM
Cable Type : OM3 Multimode 50

n = 1.482000 (850 nm)
n = 1.477000 (1300 nm)

Backscatter Coefficient: -68.00 dB (850 nm)
Backscatter Coefficient: -75.80 dB (1300 nm)

Modal Bandwidth: 2000 MHz-km (850 nm)
Modal Bandwidth: 500 MHz-km (1300 nm)
Project: AMC 2151 Fresh Meadows

Loss (R->M)
PASS

Date / Time: 07/01/2025 05:19:14 PM
Test Limit: TIA-568.3-E Multimode (STD)
CertiFiber Pro (19265199 V6.12 Build 2)
Module: CFP-QUAD (19420167)
Calibration Date: 11/03/2022
CertiFiber Pro Remote (19300034 V6.12 Build 2)
Module: CFP-QUAD (19410064)
Calibration Date: 11/03/2022

Prop. Delay (ns)	144	
Length (ft)	96	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	0.59	0.87
Limit (dB)	1.59	1.54
Margin (dB)	1.00	0.67
Reference (dBm)	-23.76	-24.01

Number of Adapters: 2
Number of Splices: 0
Connector Type: LC
Patch Length1 (ft): 7
Reference Date: 07/01/2025 04:37:00 PM
1 Jumper

Compliant Network Standards:

10BASE-FL	10/100BASE-SX	100BASE-FX
1000BASE-LX	1000BASE-SX	10GBASE-LRM
10GBASE-LX4	10GBASE-SR	40GBASE-SR4
100GBASE-SR4	100GBASE-SR10	ATM52
ATM155	ATM155SWL	ATM622 Fiber Optic
ATM622SWL Fiber Optic	Fibre Channel 133	Fibre Channel 266
Fibre Channel 266SWL	Fibre Channel 100-M5-SN-I	Fibre Channel 100-M5E-SN-I
Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 800-M5-SN-S	Fibre Channel 800-M5E-SN-I
Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I	Fibre Channel 1600-M5-SN-S
Fibre Channel 1600-M5E-SN-I	FDDI Fiber Optic	



Cable ID: 04

Test Summary: PASS

Date / Time: 07/01/2025 05:19:14 PM
Cable Type : OM3 Multimode 50

n = 1.482000 (850 nm)
n = 1.477000 (1300 nm)

Backscatter Coefficient: -68.00 dB (850 nm)
Backscatter Coefficient: -75.80 dB (1300 nm)

Modal Bandwidth: 2000 MHz-km (850 nm)
Modal Bandwidth: 500 MHz-km (1300 nm)
Project: AMC 2151 Fresh Meadows

Loss (M->R)
PASS

Date / Time: 07/01/2025 05:19:14 PM
Test Limit: TIA-568.3-E Multimode (STD)
CertiFiber Pro (19265199 V6.12 Build 2)
Module: CFP-QUAD (19420167)
Calibration Date: 11/03/2022
CertiFiber Pro Remote (19300034 V6.12 Build 2)
Module: CFP-QUAD (19410064)
Calibration Date: 11/03/2022

Prop. Delay (ns)	144	
Length (ft)	96	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	0.52	0.74
Limit (dB)	1.59	1.54
Margin (dB)	1.07	0.80
Reference (dBm)	-24.00	-24.54

Number of Adapters: 2
Number of Splices: 0
Connector Type: LC
Patch Length1 (ft): 7
Reference Date: 07/01/2025 04:37:00 PM
1 Jumper

Compliant Network Standards:

10BASE-FL	10/100BASE-SX	100BASE-FX
1000BASE-LX	1000BASE-SX	10GBASE-LRM
10GBASE-LX4	10GBASE-SR	40GBASE-SR4
100GBASE-SR4	100GBASE-SR10	ATM52
ATM155	ATM155SWL	ATM622 Fiber Optic
ATM622SWL Fiber Optic	Fibre Channel 133	Fibre Channel 266
Fibre Channel 266SWL	Fibre Channel 100-M5-SN-I	Fibre Channel 100-M5E-SN-I
Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 800-M5-SN-S	Fibre Channel 800-M5E-SN-I
Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I	Fibre Channel 1600-M5-SN-S
Fibre Channel 1600-M5E-SN-I	FDDI Fiber Optic	



Cable ID: 05

Test Summary: PASS

Date / Time: 07/01/2025 05:23:24 PM
Cable Type : OM3 Multimode 50

n = 1.482000 (850 nm)
n = 1.477000 (1300 nm)

Backscatter Coefficient: -68.00 dB (850 nm)
Backscatter Coefficient: -75.80 dB (1300 nm)

Modal Bandwidth: 2000 MHz-km (850 nm)
Modal Bandwidth: 500 MHz-km (1300 nm)
Project: AMC 2151 Fresh Meadows

Loss (R->M)
PASS

Date / Time: 07/01/2025 05:23:24 PM
Test Limit: TIA-568.3-E Multimode (STD)
CertiFiber Pro (19265199 V6.12 Build 2)
Module: CFP-QUAD (19420167)
Calibration Date: 11/03/2022
CertiFiber Pro Remote (19300034 V6.12 Build 2)
Module: CFP-QUAD (19410064)
Calibration Date: 11/03/2022

Prop. Delay (ns)	143	
Length (ft)	96	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	0.46	0.67
Limit (dB)	1.59	1.54
Margin (dB)	1.13	0.87
Reference (dBm)	-23.76	-24.01

Number of Adapters: 2
Number of Splices: 0
Connector Type: LC
Patch Length1 (ft): 7
Reference Date: 07/01/2025 04:37:00 PM
1 Jumper

Compliant Network Standards:

10BASE-FL	10/100BASE-SX	100BASE-FX
1000BASE-LX	1000BASE-SX	10GBASE-LRM
10GBASE-LX4	10GBASE-SR	40GBASE-SR4
100GBASE-SR4	100GBASE-SR10	ATM52
ATM155	ATM155SWL	ATM622 Fiber Optic
ATM622SWL Fiber Optic	Fibre Channel 133	Fibre Channel 266
Fibre Channel 266SWL	Fibre Channel 100-M5-SN-I	Fibre Channel 100-M5E-SN-I
Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 800-M5-SN-S	Fibre Channel 800-M5E-SN-I
Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I	Fibre Channel 1600-M5-SN-S
Fibre Channel 1600-M5E-SN-I	FDDI Fiber Optic	



Cable ID: 06

Test Summary: PASS

Date / Time: 07/01/2025 05:23:24 PM
Cable Type : OM3 Multimode 50

n = 1.482000 (850 nm)
n = 1.477000 (1300 nm)

Backscatter Coefficient: -68.00 dB (850 nm)
Backscatter Coefficient: -75.80 dB (1300 nm)

Modal Bandwidth: 2000 MHz-km (850 nm)
Modal Bandwidth: 500 MHz-km (1300 nm)
Project: AMC 2151 Fresh Meadows

Loss (M->R)
PASS

Date / Time: 07/01/2025 05:23:24 PM
Test Limit: TIA-568.3-E Multimode (STD)
CertiFiber Pro (19265199 V6.12 Build 2)
Module: CFP-QUAD (19420167)
Calibration Date: 11/03/2022
CertiFiber Pro Remote (19300034 V6.12 Build 2)
Module: CFP-QUAD (19410064)
Calibration Date: 11/03/2022

Prop. Delay (ns)	143	
Length (ft)	96	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	0.42	0.53
Limit (dB)	1.59	1.54
Margin (dB)	1.17	1.01
Reference (dBm)	-24.00	-24.54

Number of Adapters: 2
Number of Splices: 0
Connector Type: LC
Patch Length1 (ft): 7
Reference Date: 07/01/2025 04:37:00 PM
1 Jumper

Compliant Network Standards:

10BASE-FL	10/100BASE-SX	100BASE-FX
1000BASE-LX	1000BASE-SX	10GBASE-LRM
10GBASE-LX4	10GBASE-SR	40GBASE-SR4
100GBASE-SR4	100GBASE-SR10	ATM52
ATM155	ATM155SWL	ATM622 Fiber Optic
ATM622SWL Fiber Optic	Fibre Channel 133	Fibre Channel 266
Fibre Channel 266SWL	Fibre Channel 100-M5-SN-I	Fibre Channel 100-M5E-SN-I
Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 800-M5-SN-S	Fibre Channel 800-M5E-SN-I
Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I	Fibre Channel 1600-M5-SN-S
Fibre Channel 1600-M5E-SN-I	FDDI Fiber Optic	



Cable ID: AP-AUD1

Date / Time: 06/26/2025 09:57:10 PM

Headroom: 3.9 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: AMC 2151 Fresh Meadows

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

Main S/N: 1927408

Remote S/N: 1927404

Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 4,5]	92
Prop. Delay (ns), Limit 555	[Pair 3,6]	146
Delay Skew (ns), Limit 50	[Pair 3,6]	11
Resistance (ohms)	[Pair 3,6]	5.2
Insertion Loss Margin (dB)	[Pair 3,6]	25.8
Frequency (MHz)	[Pair 3,6]	244.0
Limit (dB)	[Pair 3,6]	35.4

	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-4,5	1,2-4,5	1,2-4,5
NEXT (dB)	3.9	4.6	9.0	4.7
Freq. (MHz)	18.0	117.0	248.0	117.5
Limit (dB)	52.4	38.8	33.2	38.7
Worst Pair	4,5	4,5	4,5	4,5
PS NEXT (dB)	4.9	5.4	10.2	11.4
Freq. (MHz)	40.0	28.6	248.0	231.5
Limit (dB)	43.9	46.4	30.2	30.7

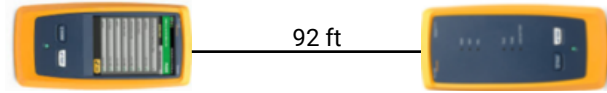
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	3,6-1,2	1,2-3,6
ACR-F (dB)	11.7	11.6	13.5	12.7
Freq. (MHz)	5.6	5.6	248.0	248.0
Limit (dB)	48.3	48.3	15.4	15.4
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	12.6	12.6	15.7	14.6
Freq. (MHz)	1.0	1.5	249.0	248.0
Limit (dB)	60.3	56.7	12.3	12.4

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-4,5	1,2-4,5	4,5-7,8
ACR-N (dB)	10.4	11.3	36.2	37.7
Freq. (MHz)	18.1	17.8	248.0	240.0
Limit (dB)	43.8	44.0	-2.6	-1.7
Worst Pair	4,5	4,5	4,5	7,8
PS ACR-N (dB)	11.7	13.2	37.4	38.9
Freq. (MHz)	19.0	18.5	248.0	247.5
Limit (dB)	40.6	40.9	-5.6	-5.5

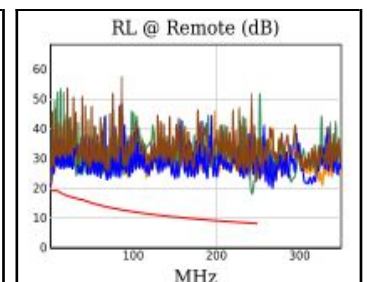
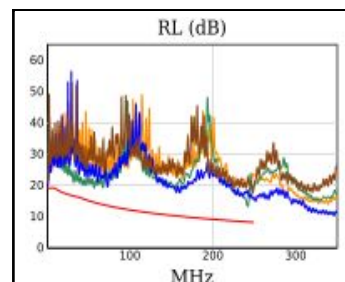
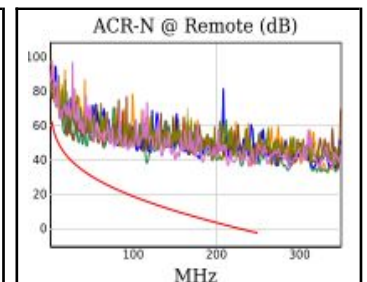
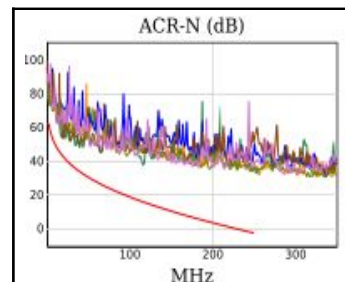
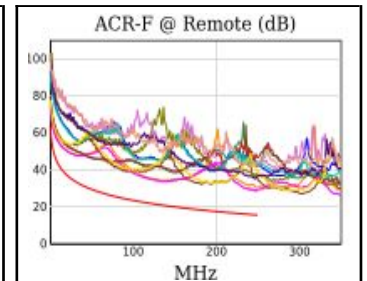
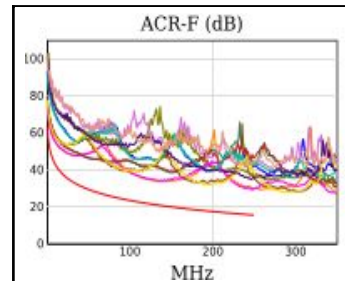
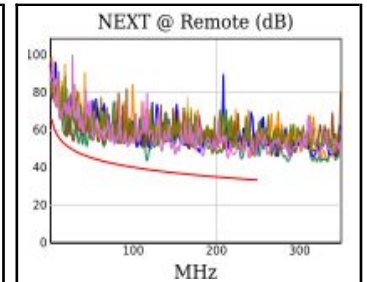
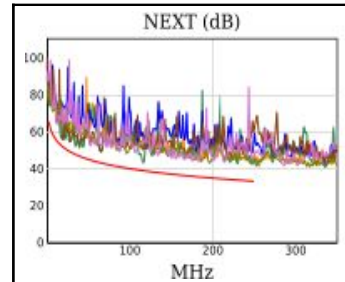
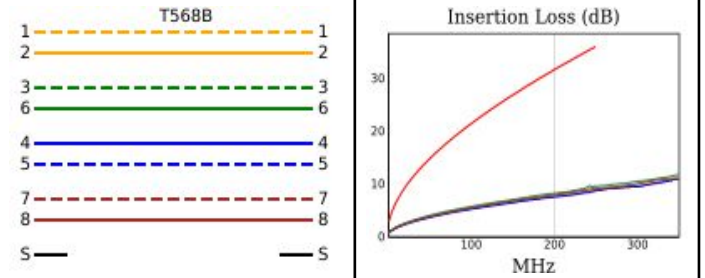
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6	3,6	3,6	3,6
RL (dB)	4.3	7.6	5.0	9.8
Freq. (MHz)	32.8	32.3	243.0	243.5
Limit (dB)	16.4	16.5	8.1	8.1

Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



PASS





Cable ID: AP-AUD2

Date / Time: 06/26/2025 10:03:21 PM

Headroom: 7.7 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: AMC 2151 Fresh Meadows

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

Main S/N: 1927408

Remote S/N: 1927404

Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 4,5]	46
Prop. Delay (ns), Limit 555	[Pair 3,6]	72
Delay Skew (ns), Limit 50	[Pair 3,6]	5
Resistance (ohms)	[Pair 3,6]	2.8
Insertion Loss Margin (dB)	[Pair 3,6]	30.9
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-7,8	1,2-3,6
NEXT (dB)	7.7	7.8	9.8	11.4
Freq. (MHz)	65.0	63.8	236.0	250.0
Limit (dB)	43.1	43.2	33.5	33.1
Worst Pair	4,5	4,5	3,6	3,6
PS NEXT (dB)	8.7	9.2	11.2	12.5
Freq. (MHz)	65.0	65.5	235.0	250.0
Limit (dB)	40.3	40.2	30.6	30.2

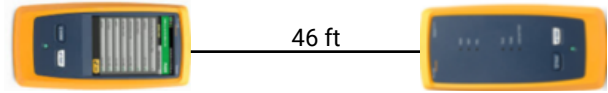
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-1,2	1,2-3,6	3,6-1,2	1,2-3,6
ACR-F (dB)	13.0	12.8	13.0	12.8
Freq. (MHz)	248.0	248.0	248.0	248.0
Limit (dB)	15.4	15.4	15.4	15.4
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	13.9	13.9	14.2	14.2
Freq. (MHz)	3.8	3.1	250.0	248.0
Limit (dB)	48.8	50.4	12.3	12.4

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-7,8	3,6-7,8	1,2-3,6
ACR-N (dB)	15.6	15.4	39.9	42.3
Freq. (MHz)	7.3	7.3	236.0	250.0
Limit (dB)	53.5	53.5	-1.2	-2.8
Worst Pair	4,5	4,5	3,6	3,6
PS ACR-N (dB)	15.5	16.3	41.3	43.5
Freq. (MHz)	7.5	7.5	235.5	250.0
Limit (dB)	50.6	50.6	-4.1	-5.8

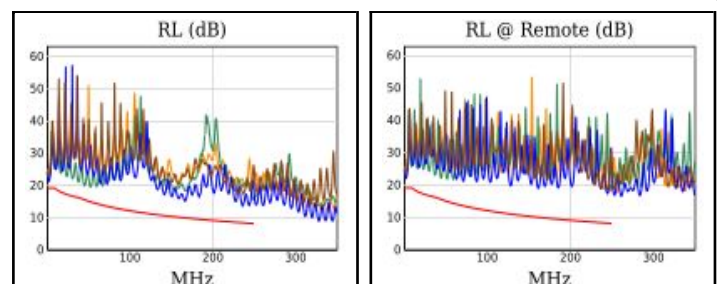
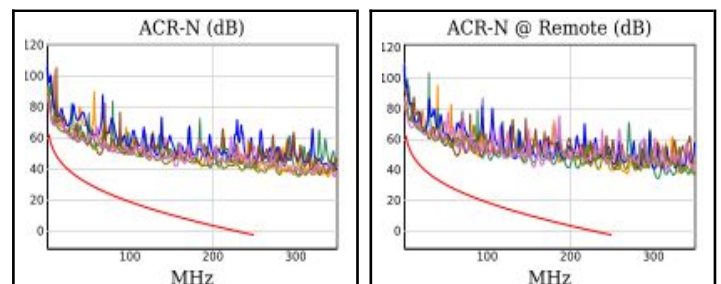
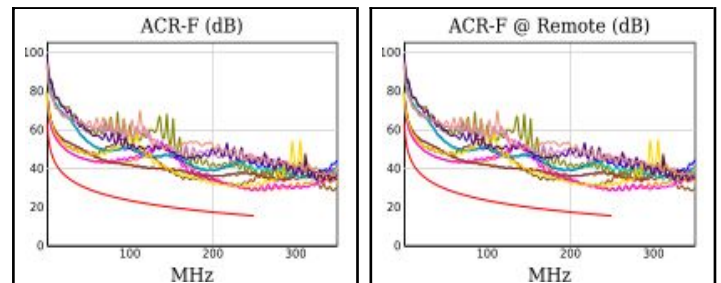
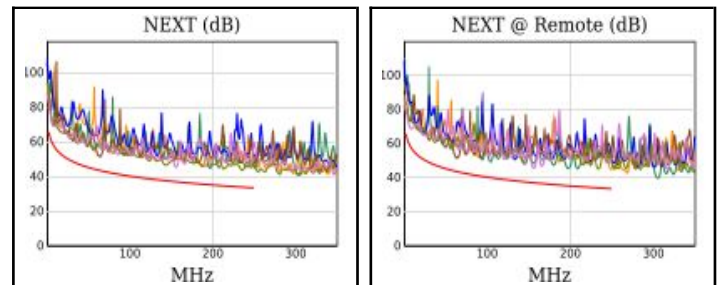
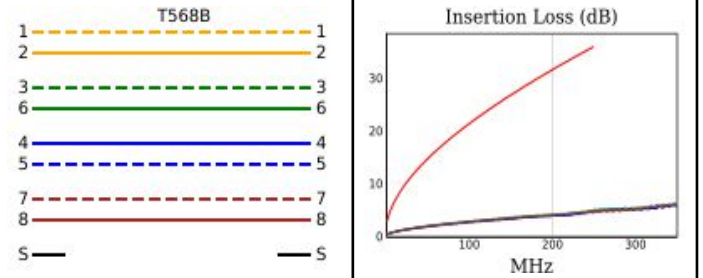
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	4,5	4,5	4,5
RL (dB)	5.0	8.7	5.0	9.1
Freq. (MHz)	244.5	129.0	244.5	245.5
Limit (dB)	8.1	10.9	8.1	8.1

Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



PASS





Cable ID: AP-AUD3

Test Summary: PASS

Date / Time: 06/26/2025 09:53:19 PM

Headroom: 6 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: AMC 2151 Fresh Meadows

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

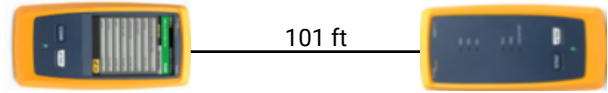
Main S/N: 1927408

Remote S/N: 1927404

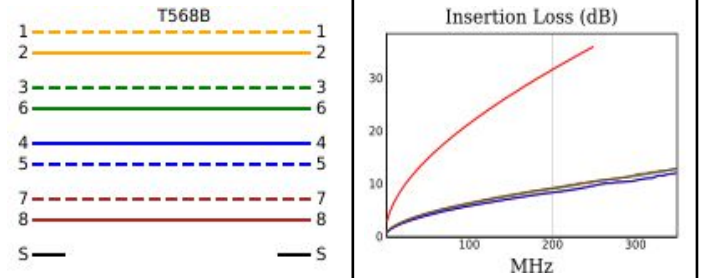
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 4,5]	101
Prop. Delay (ns), Limit 555	[Pair 3,6]	161
Delay Skew (ns), Limit 50	[Pair 3,6]	12
Resistance (ohms)	[Pair 3,6]	5.7
Insertion Loss Margin (dB)	[Pair 7,8]	25.5
Frequency (MHz)	[Pair 7,8]	250.0
Limit (dB)	[Pair 7,8]	35.9



PASS



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-7,8	1,2-4,5	4,5-7,8	1,2-4,5
NEXT (dB)	6.0	6.5	8.9	12.0
Freq. (MHz)	120.5	43.8	242.0	221.5
Limit (dB)	38.5	46.0	33.4	34.0
Worst Pair	4,5	4,5	7,8	4,5
PS NEXT (dB)	6.7	8.0	9.6	11.3
Freq. (MHz)	43.5	43.0	241.5	171.5
Limit (dB)	43.3	43.4	30.4	33.0

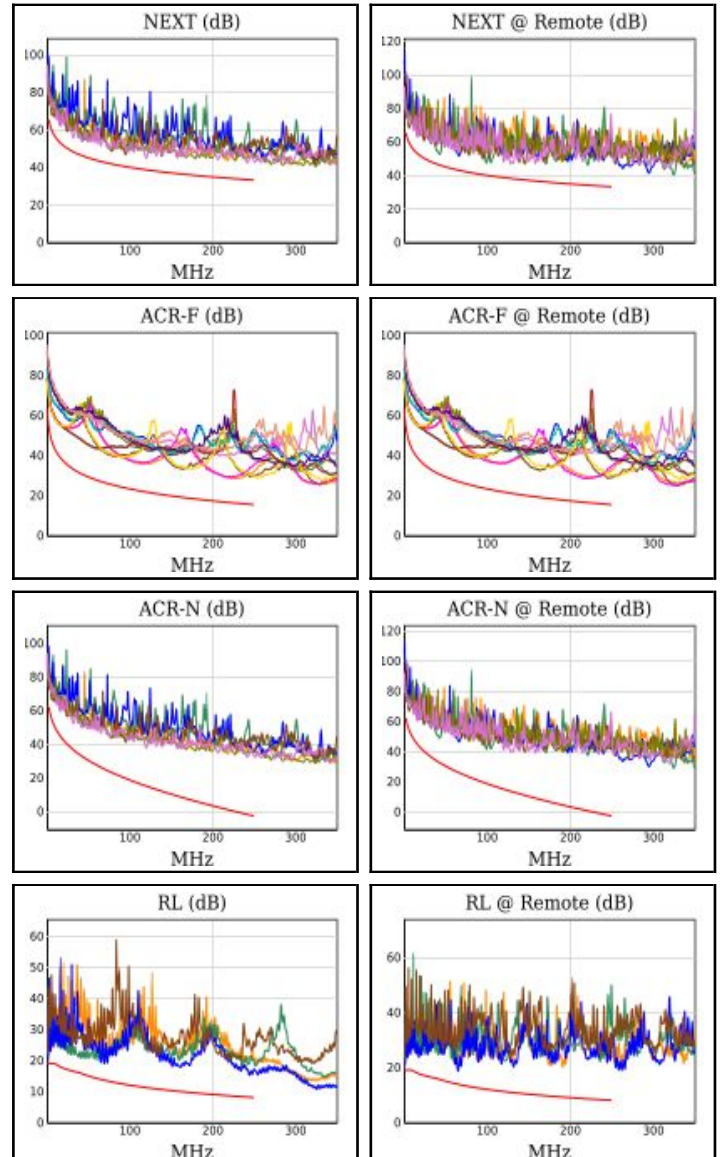
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-F (dB)	12.0	11.9	12.1	12.0
Freq. (MHz)	222.5	216.0	226.5	219.5
Limit (dB)	16.3	16.6	16.2	16.4
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	14.2	14.2	14.5	14.6
Freq. (MHz)	235.5	236.0	248.5	246.0
Limit (dB)	12.8	12.8	12.4	12.4

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	4,5-7,8	1,2-4,5
ACR-N (dB)	11.0	11.8	34.0	36.7
Freq. (MHz)	3.0	3.0	242.0	221.5
Limit (dB)	61.5	61.5	-1.9	0.6
Worst Pair	3,6	4,5	7,8	7,8
PS ACR-N (dB)	11.6	12.2	35.5	39.7
Freq. (MHz)	3.0	6.3	250.0	240.5
Limit (dB)	58.5	52.4	-5.8	-4.7

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6	4,5	4,5	4,5
RL (dB)	4.8	4.8	7.0	4.8
Freq. (MHz)	42.0	65.8	244.5	65.8
Limit (dB)	15.8	13.8	8.1	13.8

Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		





Cable ID: AP-AUD4

Date / Time: 06/26/2025 10:07:55 PM

Headroom: 0.9 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: AMC 2151 Fresh Meadows

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

Main S/N: 1927408

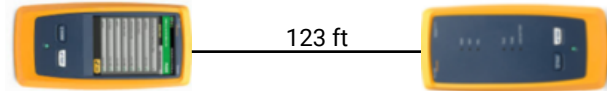
Remote S/N: 1927404

Main Adapter: DSX-CHA804

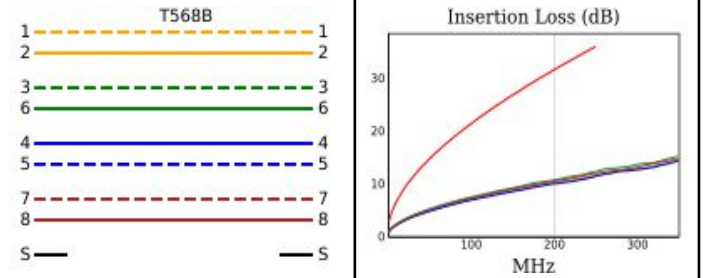
Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 4,5]	123
Prop. Delay (ns), Limit 555	[Pair 3,6]	196
Delay Skew (ns), Limit 50	[Pair 3,6]	14
Resistance (ohms)	[Pair 3,6]	7.0
Insertion Loss Margin (dB)	[Pair 3,6]	23.3
Frequency (MHz)	[Pair 3,6]	245.5
Limit (dB)	[Pair 3,6]	35.6



PASS



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-4,5	1,2-3,6	1,2-4,5
NEXT (dB)	1.2	0.9	4.2	8.7
Freq. (MHz)	19.4	19.1	213.5	209.0
Limit (dB)	51.9	52.0	34.3	34.5
Worst Pair	4,5	4,5	1,2	1,2
PS NEXT (dB)	2.9	2.7	6.0	10.6
Freq. (MHz)	19.1	19.1	213.5	209.0
Limit (dB)	49.3	49.3	31.4	31.5

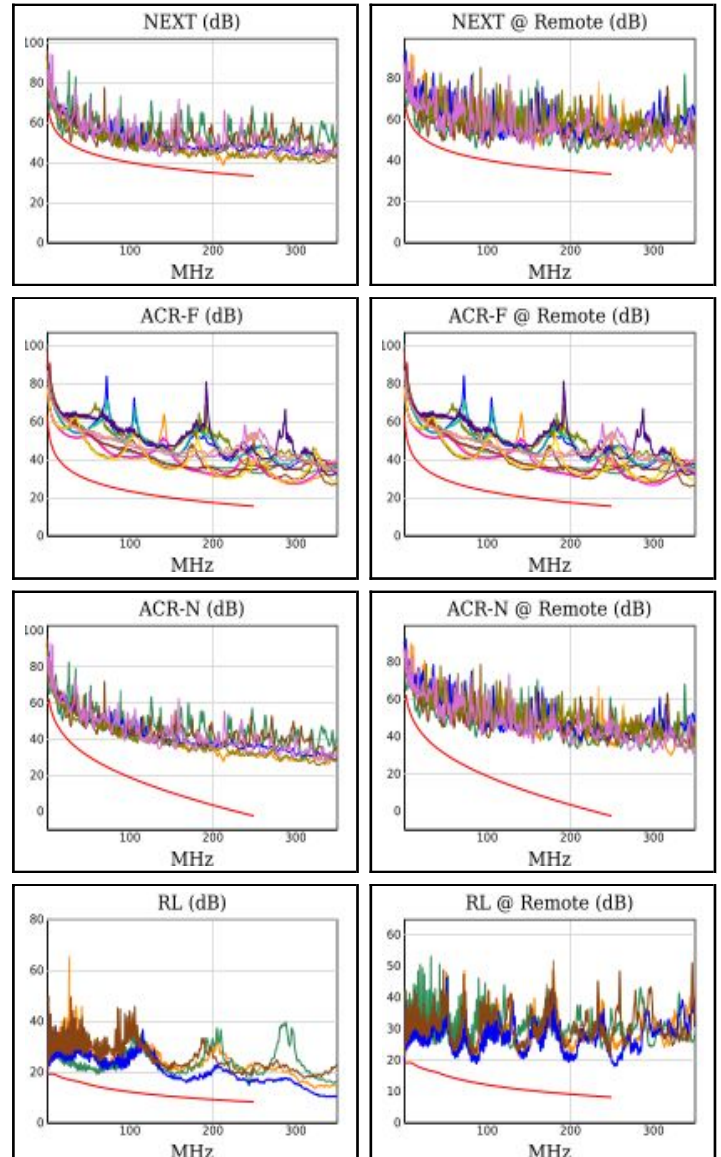
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	4,5-3,6	4,5-3,6	4,5-3,6
ACR-F (dB)	13.0	13.4	13.2	13.5
Freq. (MHz)	218.5	224.0	222.0	224.5
Limit (dB)	16.5	16.3	16.3	16.2
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	13.8	13.9	13.8	13.9
Freq. (MHz)	218.5	214.5	218.5	214.5
Limit (dB)	13.5	13.6	13.5	13.6

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-4,5	1,2-3,6	1,2-4,5
ACR-N (dB)	4.4	4.4	25.9	31.0
Freq. (MHz)	3.3	3.1	213.5	209.0
Limit (dB)	60.9	61.2	1.5	2.1
Worst Pair	4,5	4,5	3,6	1,2
PS ACR-N (dB)	5.6	5.6	27.6	33.1
Freq. (MHz)	3.3	3.3	213.0	213.5
Limit (dB)	58.4	58.4	-1.3	-1.4

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6	4,5	3,6	4,5
RL (dB)	4.2	6.0	6.3	6.0
Freq. (MHz)	37.3	87.5	244.5	87.5
Limit (dB)	16.1	12.6	8.1	12.6

Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		





Cable ID: AP-AUD5

Date / Time: 06/27/2025 03:06:14 AM

Headroom: 6.6 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: AMC 2151 Fresh Meadows

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

Main S/N: 1927408

Remote S/N: 1927404

Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 7,8]	123
Prop. Delay (ns), Limit 555	[Pair 3,6]	193
Delay Skew (ns), Limit 50	[Pair 3,6]	11
Resistance (ohms)	[Pair 3,6]	6.3
Insertion Loss Margin (dB)	[Pair 3,6]	23.9
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	3,6-7,8	1,2-7,8
NEXT (dB)	6.6	11.1	8.1	11.6
Freq. (MHz)	56.0	3.3	248.5	233.0
Limit (dB)	44.2	64.5	33.2	33.6
Worst Pair	7,8	7,8	7,8	1,2
PS NEXT (dB)	7.7	11.5	7.9	14.1
Freq. (MHz)	110.0	13.3	232.0	233.0
Limit (dB)	36.4	52.0	30.7	30.7

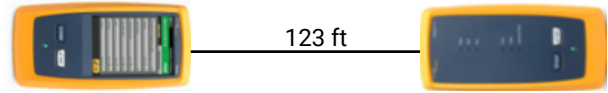
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	3,6-4,5	4,5-3,6
ACR-F (dB)	13.6	13.4	15.4	14.9
Freq. (MHz)	103.5	96.5	250.0	250.0
Limit (dB)	23.0	23.6	15.3	15.3
Worst Pair	3,6	3,6	4,5	3,6
PS ACR-F (dB)	13.5	13.4	17.0	16.7
Freq. (MHz)	6.5	5.8	250.0	250.0
Limit (dB)	44.0	45.1	12.3	12.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	3,6-7,8	1,2-7,8
ACR-N (dB)	12.2	13.5	32.6	35.0
Freq. (MHz)	7.4	3.3	248.5	233.0
Limit (dB)	53.3	60.9	-2.7	-0.8
Worst Pair	7,8	3,6	7,8	1,2
PS ACR-N (dB)	12.6	14.3	31.3	37.6
Freq. (MHz)	4.9	3.3	232.0	233.0
Limit (dB)	54.7	58.4	-3.7	-3.8

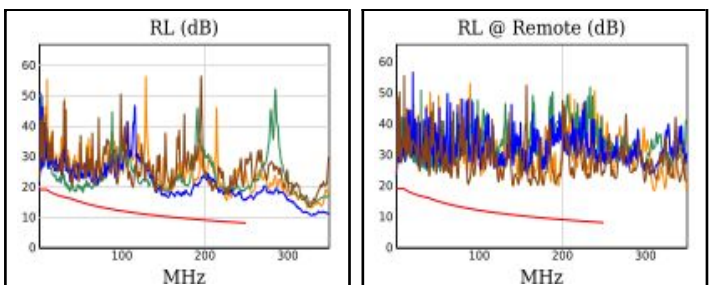
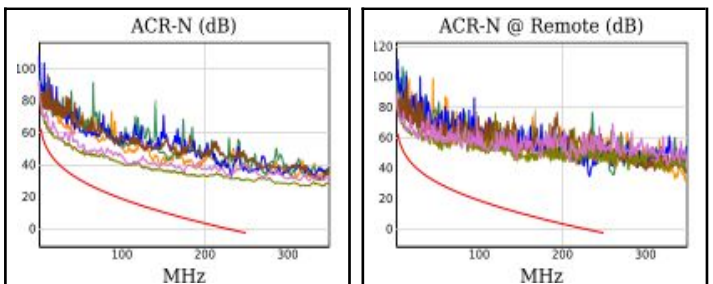
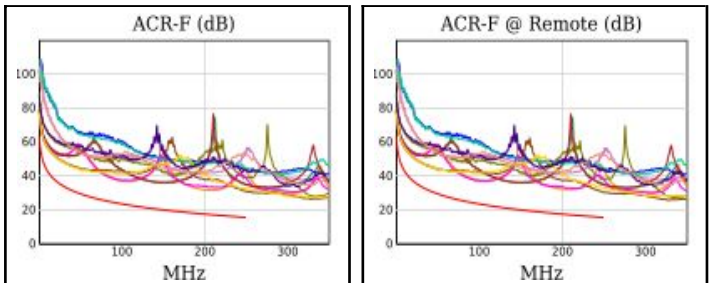
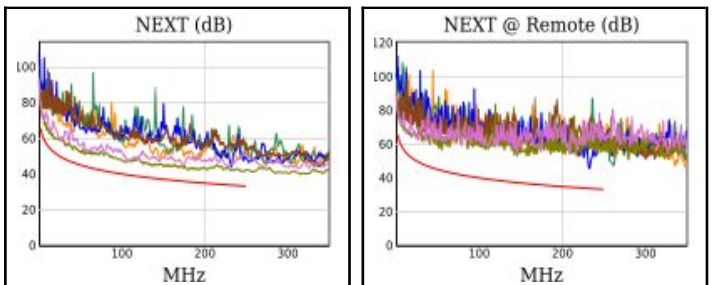
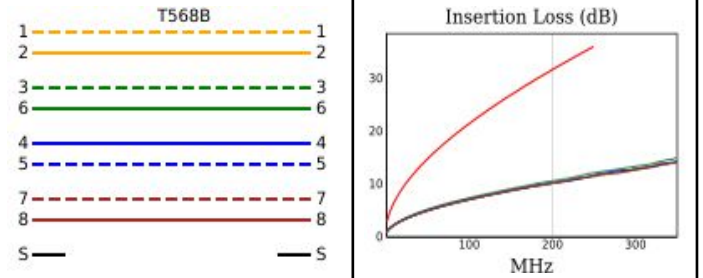
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6	7,8	4,5	7,8
RL (dB)	2.2	7.1	7.2	9.3
Freq. (MHz)	38.0	40.8	248.0	141.5
Limit (dB)	16.1	15.9	8.1	10.5

Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



PASS





Cable ID: AP-AUD6

Date / Time: 06/27/2025 12:58:19 AM

Headroom: 2.9 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: AMC 2151 Fresh Meadows

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

Main S/N: 1927408

Remote S/N: 1927404

Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 4,5]	119
Prop. Delay (ns), Limit 555	[Pair 3,6]	189
Delay Skew (ns), Limit 50	[Pair 3,6]	14
Resistance (ohms)	[Pair 3,6]	6.6
Insertion Loss Margin (dB)	[Pair 3,6]	24.0
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	1,2-4,5	1,2-4,5
NEXT (dB)	2.9	3.4	4.8	7.5
Freq. (MHz)	68.0	68.3	217.0	191.5
Limit (dB)	42.8	42.7	34.2	35.1
Worst Pair	4,5	4,5	1,2	4,5
PS NEXT (dB)	3.8	4.6	5.8	9.2
Freq. (MHz)	67.8	67.5	216.5	191.5
Limit (dB)	40.0	40.0	31.2	32.2

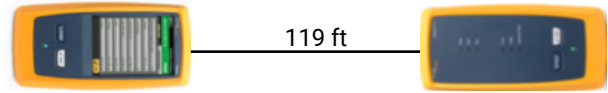
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	4,5-3,6	4,5-3,6
ACR-F (dB)	12.8	12.6	13.8	13.8
Freq. (MHz)	87.0	86.5	225.0	225.0
Limit (dB)	24.5	24.5	16.2	16.2
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	14.1	13.7	15.0	14.7
Freq. (MHz)	84.5	79.3	224.5	223.5
Limit (dB)	21.7	22.3	13.2	13.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	4,5-7,8	1,2-4,5	1,2-3,6	1,2-4,5
ACR-N (dB)	10.6	11.4	29.7	30.9
Freq. (MHz)	9.8	8.0	243.5	210.0
Limit (dB)	50.5	52.5	-2.1	2.0
Worst Pair	3,6	4,5	3,6	4,5
PS ACR-N (dB)	11.1	11.7	31.9	34.1
Freq. (MHz)	7.8	8.1	246.5	224.5
Limit (dB)	50.3	49.8	-5.4	-2.8

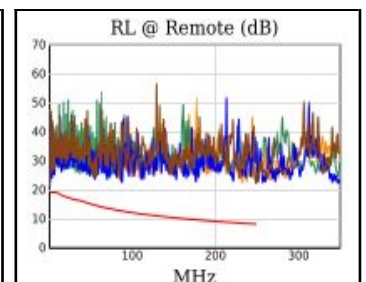
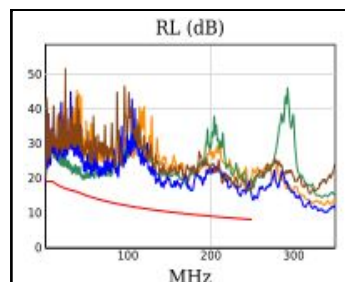
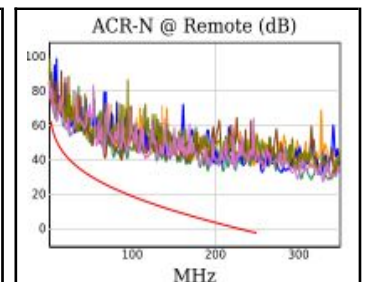
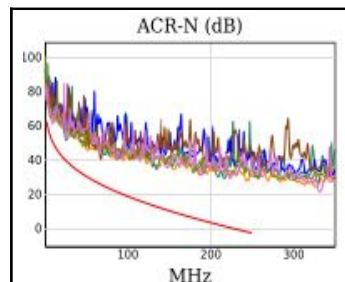
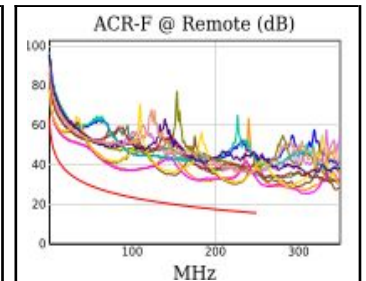
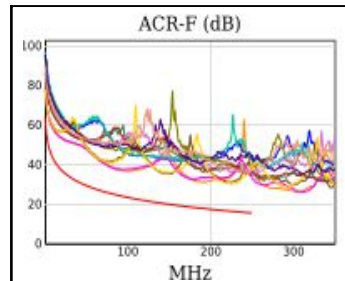
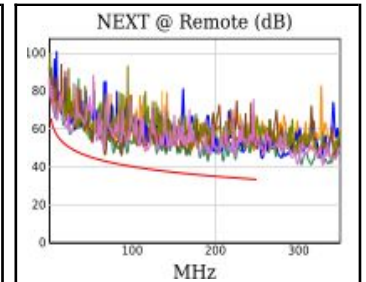
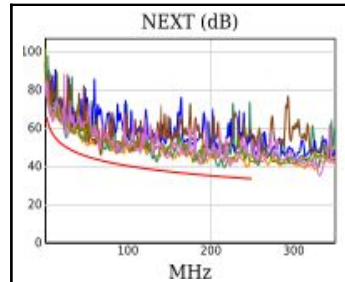
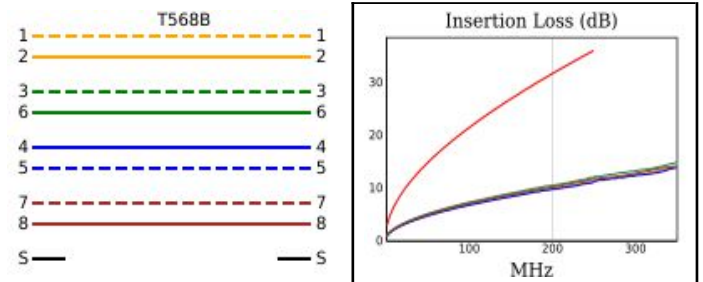
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6	4,5	4,5	1,2
RL (dB)	4.1	8.9	6.4	13.5
Freq. (MHz)	46.8	55.8	236.5	250.0
Limit (dB)	15.3	14.5	8.3	8.0

Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



PASS





Cable ID: AP-AUD7

Date / Time: 06/27/2025 03:25:42 AM

Headroom: 5.2 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: AMC 2151 Fresh Meadows

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

Main S/N: 1927408

Remote S/N: 1927404

Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 4,5]	162
Prop. Delay (ns), Limit 555	[Pair 3,6]	259
Delay Skew (ns), Limit 50	[Pair 3,6]	20
Resistance (ohms)	[Pair 3,6]	11.0
Insertion Loss Margin (dB)	[Pair 3,6]	19.4
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-4,5	1,2-4,5	3,6-4,5
NEXT (dB)	5.2	7.7	5.3	10.8
Freq. (MHz)	192.5	110.0	193.0	191.5
Limit (dB)	35.1	39.2	35.0	35.1
Worst Pair	4,5	4,5	4,5	1,2
PS NEXT (dB)	7.2	9.6	7.3	13.2
Freq. (MHz)	81.8	110.0	192.0	245.5
Limit (dB)	38.6	36.4	32.2	30.3

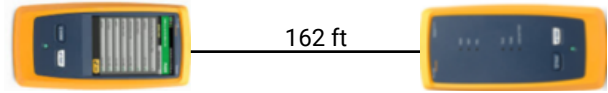
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-3,6	3,6-4,5	4,5-3,6
ACR-F (dB)	12.6	12.2	13.9	12.5
Freq. (MHz)	5.8	69.0	250.0	250.0
Limit (dB)	48.1	26.5	15.3	15.3
Worst Pair	1,2	1,2	4,5	3,6
PS ACR-F (dB)	12.8	13.1	15.2	14.1
Freq. (MHz)	1.4	1.4	250.0	250.0
Limit (dB)	57.5	57.5	12.3	12.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	4,5-7,8	4,5-7,8	1,2-7,8	1,2-7,8
ACR-N (dB)	11.0	12.3	26.8	31.9
Freq. (MHz)	4.0	8.8	233.5	245.0
Limit (dB)	59.0	51.6	-0.9	-2.3
Worst Pair	4,5	4,5	7,8	1,2
PS ACR-N (dB)	11.5	12.1	27.7	33.8
Freq. (MHz)	3.4	3.8	234.5	245.5
Limit (dB)	58.0	57.1	-4.0	-5.3

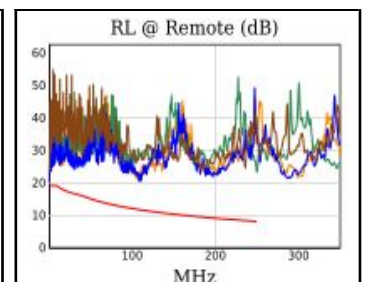
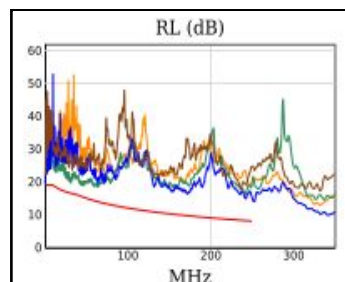
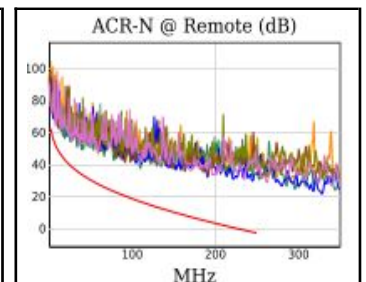
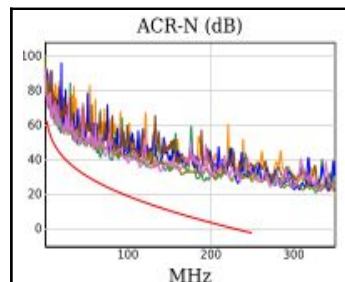
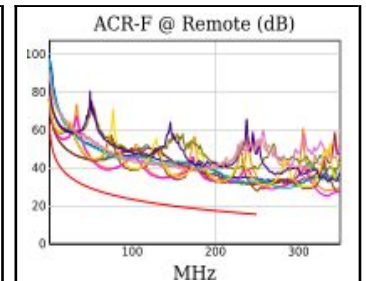
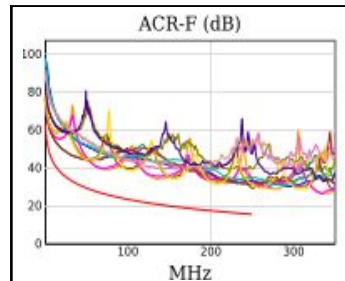
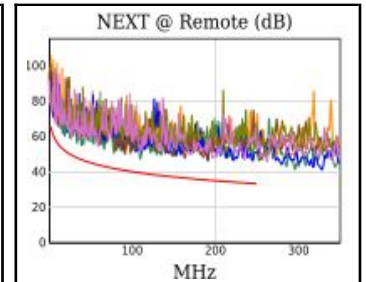
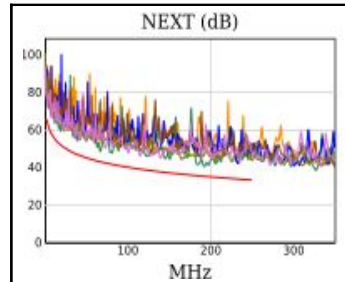
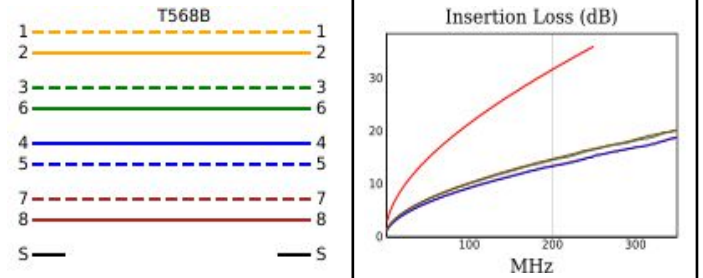
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6	1,2	4,5	4,5
RL (dB)	3.0	6.9	6.6	8.4
Freq. (MHz)	32.0	13.4	243.0	109.0
Limit (dB)	16.5	18.4	8.1	11.6

Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



PASS





Cable ID: PB01

Date / Time: 06/26/2025 09:55:41 PM

Headroom: 3.2 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: AMC 2151 Fresh Meadows

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

Main S/N: 1927408

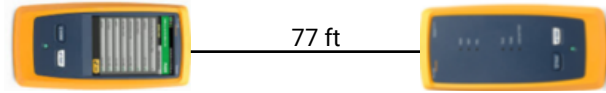
Remote S/N: 1927404

Main Adapter: DSX-CHA804

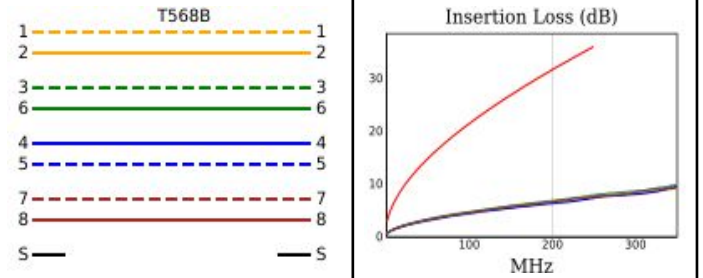
Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 4,5]	77
Prop. Delay (ns), Limit 555	[Pair 3,6]	122
Delay Skew (ns), Limit 50	[Pair 3,6]	9
Resistance (ohms)	[Pair 3,6]	4.4
Insertion Loss Margin (dB)	[Pair 3,6]	28.1
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9



PASS



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	1,2-4,5	1,2-4,5
NEXT (dB)	3.2	4.8	5.2	6.2
Freq. (MHz)	44.5	44.3	205.5	159.0
Limit (dB)	45.9	45.9	34.6	36.5
Worst Pair	3,6	3,6	1,2	1,2
PS NEXT (dB)	5.1	6.7	6.4	10.0
Freq. (MHz)	44.8	44.3	206.5	207.0
Limit (dB)	43.1	43.1	31.6	31.6

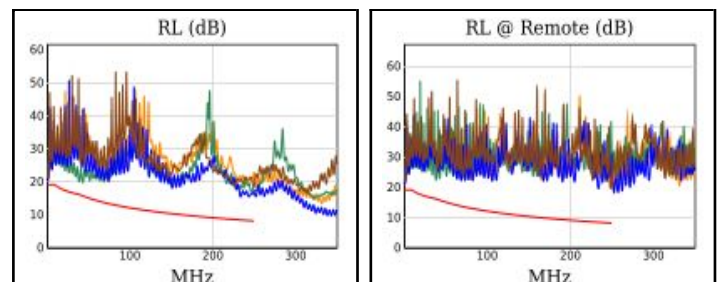
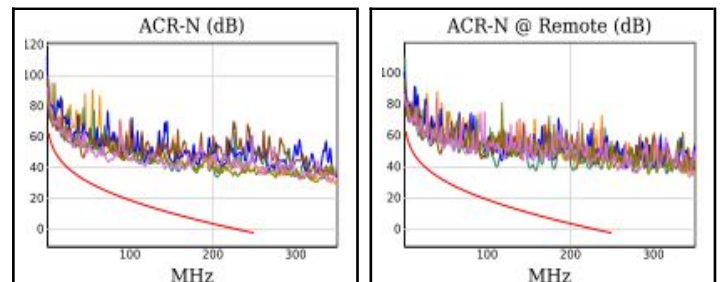
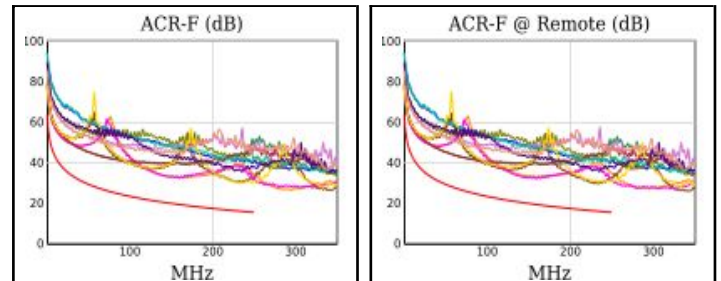
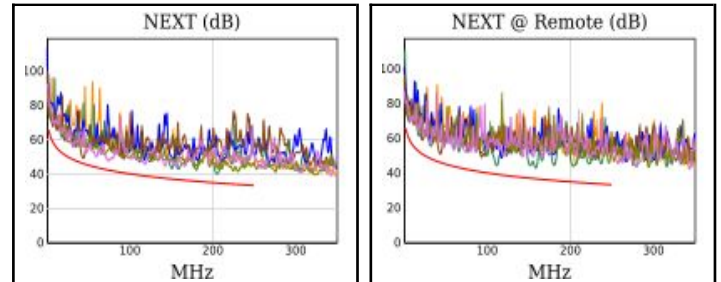
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-1,2	1,2-3,6	4,5-3,6	4,5-3,6
ACR-F (dB)	13.0	12.6	14.0	13.5
Freq. (MHz)	155.0	155.0	238.5	234.0
Limit (dB)	19.5	19.5	15.7	15.9
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	13.8	13.7	15.8	15.9
Freq. (MHz)	5.9	1.4	248.0	248.5
Limit (dB)	44.9	57.5	12.4	12.4

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	1,2-4,5	1,2-4,5
ACR-N (dB)	12.3	13.0	31.0	28.3
Freq. (MHz)	3.5	3.5	205.5	159.0
Limit (dB)	60.2	60.2	2.5	8.9
Worst Pair	3,6	4,5	1,2	1,2
PS ACR-N (dB)	11.7	13.0	32.1	35.8
Freq. (MHz)	3.4	7.1	206.5	207.0
Limit (dB)	58.0	51.1	-0.5	-0.6

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6	3,6	4,5	4,5
RL (dB)	4.0	7.0	6.9	10.9
Freq. (MHz)	44.0	43.5	234.0	234.5
Limit (dB)	15.6	15.6	8.3	8.3

Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		





Cable ID: PB02

Date / Time: 06/26/2025 10:02:04 PM

Headroom: 4.9 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: AMC 2151 Fresh Meadows

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

Main S/N: 1927408

Remote S/N: 1927404

Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 4,5]	46
Prop. Delay (ns), Limit 555	[Pair 3,6]	71
Delay Skew (ns), Limit 50	[Pair 3,6]	4
Resistance (ohms)	[Pair 3,6]	2.8
Insertion Loss Margin (dB)	[Pair 3,6]	31.0
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	4,5-7,8	1,2-4,5
NEXT (dB)	5.0	4.9	7.8	8.4
Freq. (MHz)	45.0	45.8	201.0	220.5
Limit (dB)	45.8	45.7	34.7	34.1
Worst Pair	4,5	4,5	1,2	3,6
PS NEXT (dB)	5.5	6.2	10.1	10.1
Freq. (MHz)	44.8	44.5	248.5	246.0
Limit (dB)	43.1	43.1	30.2	30.3

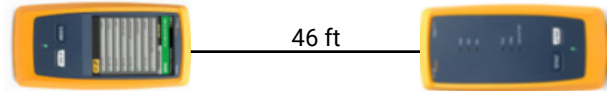
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-1,2	1,2-3,6	3,6-1,2	1,2-3,6
ACR-F (dB)	12.6	12.4	12.6	12.4
Freq. (MHz)	250.0	250.0	250.0	250.0
Limit (dB)	15.3	15.3	15.3	15.3
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	13.5	13.6	13.6	13.9
Freq. (MHz)	238.5	236.0	246.5	250.0
Limit (dB)	12.7	12.8	12.4	12.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	4,5-7,8	3,6-4,5	1,2-3,6	1,2-4,5
ACR-N (dB)	16.1	15.6	40.5	37.8
Freq. (MHz)	4.3	5.1	248.5	220.5
Limit (dB)	58.5	56.8	-2.7	0.7
Worst Pair	4,5	4,5	1,2	3,6
PS ACR-N (dB)	16.2	15.2	41.4	40.8
Freq. (MHz)	21.6	5.1	248.5	246.0
Limit (dB)	39.0	54.2	-5.6	-5.3

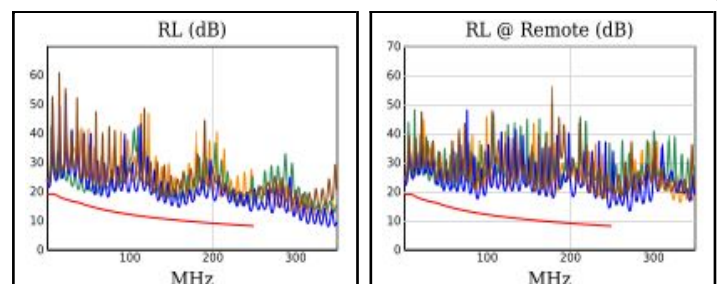
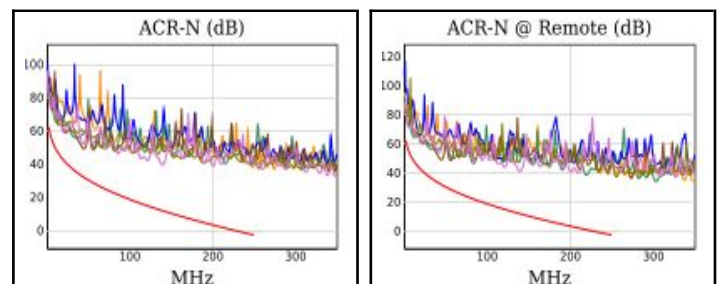
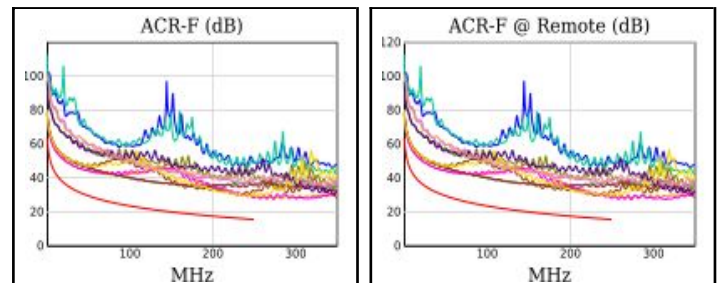
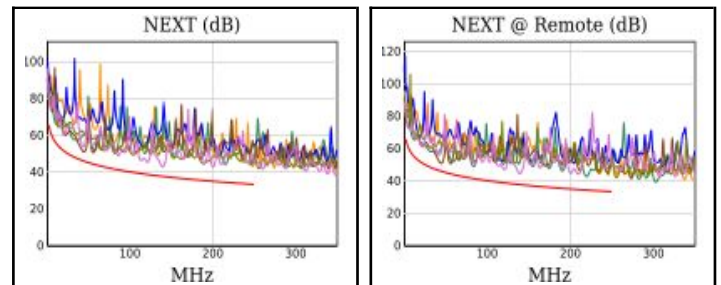
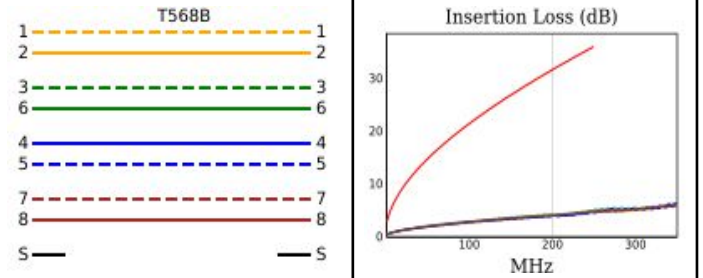
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	4,5	4,5	4,5
RL (dB)	4.5	6.1	5.0	6.1
Freq. (MHz)	160.0	247.5	247.0	247.5
Limit (dB)	10.0	8.1	8.1	8.1

Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



PASS





Cable ID: PB03

Date / Time: 06/26/2025 09:50:59 PM

Headroom: 4 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: AMC 2151 Fresh Meadows

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

Main S/N: 1927408

Remote S/N: 1927404

Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 4,5]	89
Prop. Delay (ns), Limit 555	[Pair 3,6]	141
Delay Skew (ns), Limit 50	[Pair 3,6]	10
Resistance (ohms)	[Pair 3,6]	5.0
Insertion Loss Margin (dB)	[Pair 3,6]	26.7
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	4,5-7,8	3,6-4,5
NEXT (dB)	4.0	4.7	10.2	10.2
Freq. (MHz)	27.4	27.0	244.0	203.5
Limit (dB)	49.4	49.5	33.3	34.7
Worst Pair	4,5	4,5	7,8	1,2
PS NEXT (dB)	5.6	6.3	10.0	12.7
Freq. (MHz)	27.8	27.4	239.5	250.0
Limit (dB)	46.6	46.7	30.5	30.2

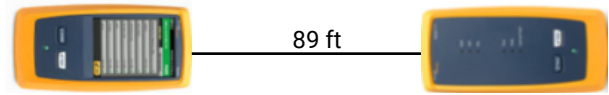
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-F (dB)	12.8	12.8	14.7	14.2
Freq. (MHz)	5.1	5.8	250.0	250.0
Limit (dB)	49.1	48.1	15.3	15.3
Worst Pair	1,2	1,2	1,2	3,6
PS ACR-F (dB)	12.5	12.3	16.5	16.7
Freq. (MHz)	1.4	1.0	248.0	250.0
Limit (dB)	57.5	60.3	12.4	12.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	4,5-7,8	1,2-3,6
ACR-N (dB)	9.4	10.1	37.0	39.5
Freq. (MHz)	3.1	3.1	244.0	250.0
Limit (dB)	61.2	61.2	-2.1	-2.8
Worst Pair	4,5	4,5	7,8	1,2
PS ACR-N (dB)	10.5	11.3	36.6	40.2
Freq. (MHz)	3.3	3.1	239.5	250.0
Limit (dB)	58.4	58.4	-4.6	-5.8

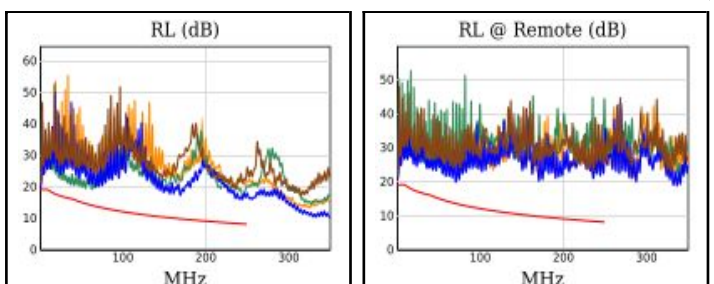
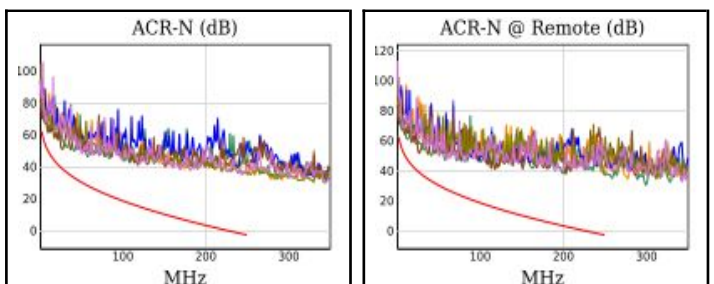
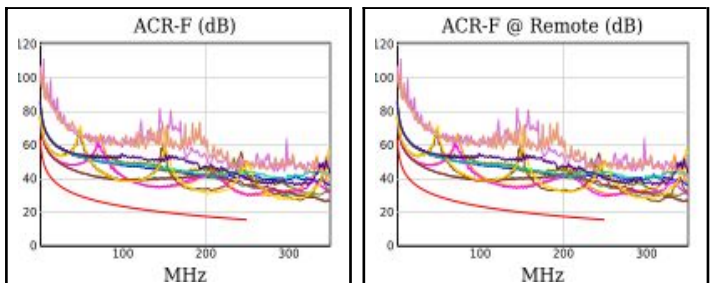
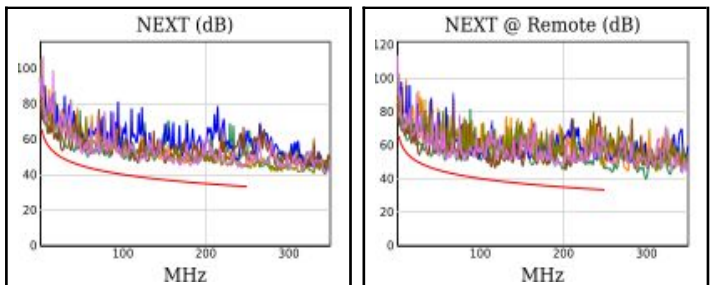
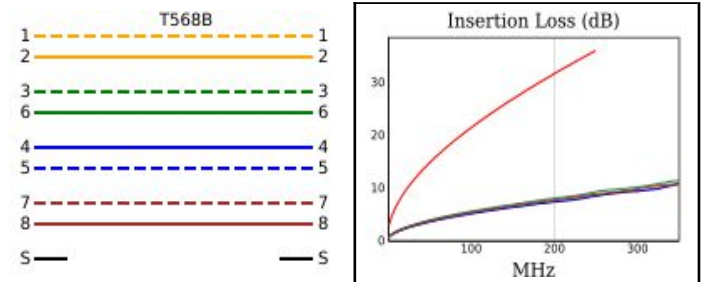
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6	4,5	4,5	4,5
RL (dB)	4.4	6.2	7.7	6.2
Freq. (MHz)	37.5	71.3	244.5	71.3
Limit (dB)	16.1	13.5	8.1	13.5

Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



PASS





Cable ID: PB04

Date / Time: 06/26/2025 10:06:55 PM

Headroom: 3.8 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: AMC 2151 Fresh Meadows

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

Main S/N: 1927408

Remote S/N: 1927404

Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 4,5]	112
Prop. Delay (ns), Limit 555	[Pair 3,6]	177
Delay Skew (ns), Limit 50	[Pair 3,6]	12
Resistance (ohms)	[Pair 3,6]	6.4
Insertion Loss Margin (dB)	[Pair 3,6]	24.6
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-4,5	1,2-4,5	1,2-4,5
NEXT (dB)	3.8	4.1	8.7	6.6
Freq. (MHz)	11.6	11.4	250.0	199.0
Limit (dB)	55.5	55.7	33.1	34.8
Worst Pair	4,5	4,5	4,5	4,5
PS NEXT (dB)	5.4	5.8	9.4	8.6
Freq. (MHz)	11.6	11.6	250.0	199.5
Limit (dB)	52.9	52.9	30.2	31.9

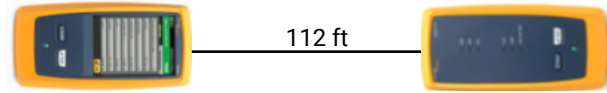
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	4,5-3,6
ACR-F (dB)	12.9	12.4	12.9	12.5
Freq. (MHz)	229.0	231.0	229.0	234.5
Limit (dB)	16.1	16.0	16.1	15.9
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	13.3	12.1	13.4	12.1
Freq. (MHz)	229.0	234.5	234.0	234.5
Limit (dB)	13.1	12.9	12.9	12.9

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-4,5	1,2-4,5	4,5-7,8
ACR-N (dB)	8.6	8.9	34.2	33.9
Freq. (MHz)	11.6	11.4	250.0	244.0
Limit (dB)	48.7	48.9	-2.8	-2.1
Worst Pair	4,5	4,5	4,5	7,8
PS ACR-N (dB)	10.2	10.6	35.0	35.7
Freq. (MHz)	11.6	11.6	250.0	243.5
Limit (dB)	46.1	46.1	-5.8	-5.0

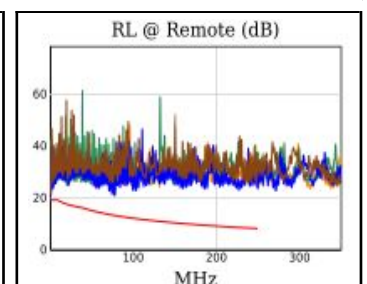
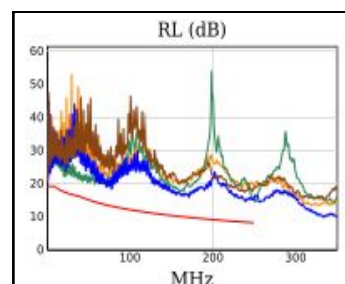
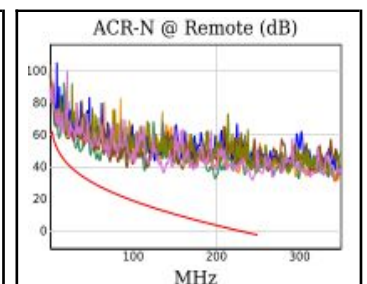
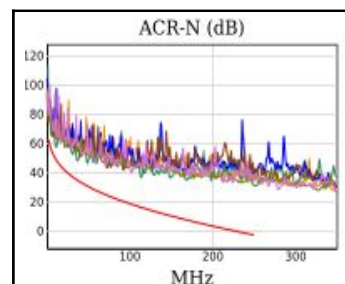
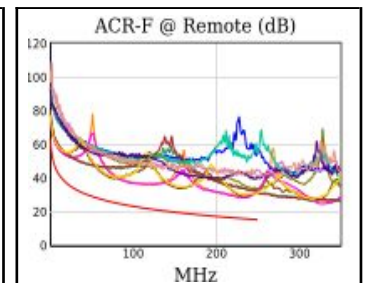
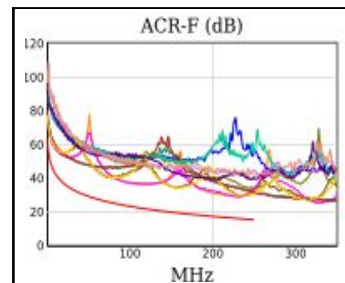
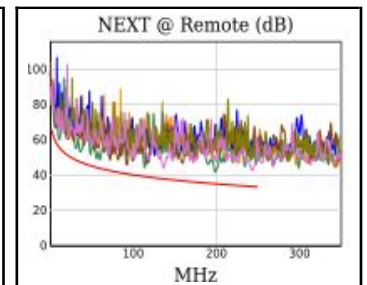
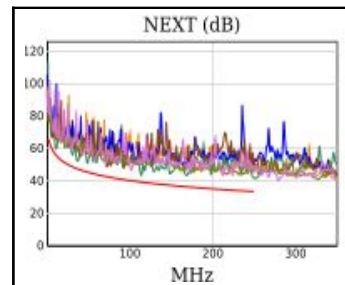
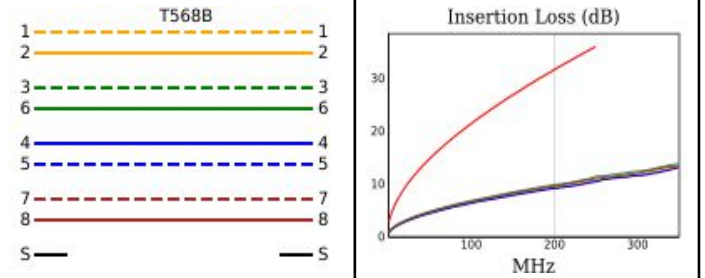
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6	3,6	4,5	4,5
RL (dB)	4.5	7.2	6.2	7.5
Freq. (MHz)	21.1	21.0	240.0	78.5
Limit (dB)	17.4	17.4	8.2	13.1

Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



PASS





Cable ID: PB05

Date / Time: 06/27/2025 01:49:19 AM

Headroom: 3.1 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: AMC 2151 Fresh Meadows

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

Main S/N: 1927408

Remote S/N: 1927404

Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 4,5]	111
Prop. Delay (ns), Limit 555	[Pair 3,6]	177
Delay Skew (ns), Limit 50	[Pair 3,6]	13
Resistance (ohms)	[Pair 3,6]	6.3
Insertion Loss Margin (dB)	[Pair 3,6]	24.5
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-7,8	1,2-4,5	1,2-4,5	1,2-4,5
NEXT (dB)	3.1	3.7	6.1	7.9
Freq. (MHz)	97.8	9.9	239.0	240.0
Limit (dB)	40.1	56.7	33.5	33.4
Worst Pair	4,5	4,5	1,2	4,5
PS NEXT (dB)	3.0	4.2	8.5	9.9
Freq. (MHz)	98.0	9.4	239.0	239.5
Limit (dB)	37.2	54.5	30.5	30.5

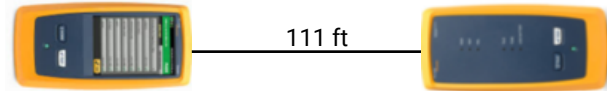
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	4,5-3,6
ACR-F (dB)	12.2	12.8	12.8	13.7
Freq. (MHz)	202.0	195.0	218.5	241.0
Limit (dB)	17.1	17.5	16.5	15.6
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	14.2	14.2	14.7	14.2
Freq. (MHz)	1.0	236.0	244.0	236.0
Limit (dB)	60.3	12.8	12.5	12.8

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-4,5	1,2-4,5	1,2-4,5
ACR-N (dB)	8.0	8.1	31.0	32.9
Freq. (MHz)	9.8	9.9	239.0	240.0
Limit (dB)	50.5	50.4	-1.5	-1.7
Worst Pair	4,5	4,5	1,2	4,5
PS ACR-N (dB)	8.4	8.5	33.4	34.9
Freq. (MHz)	9.3	9.3	239.5	239.5
Limit (dB)	48.5	48.5	-4.6	-4.6

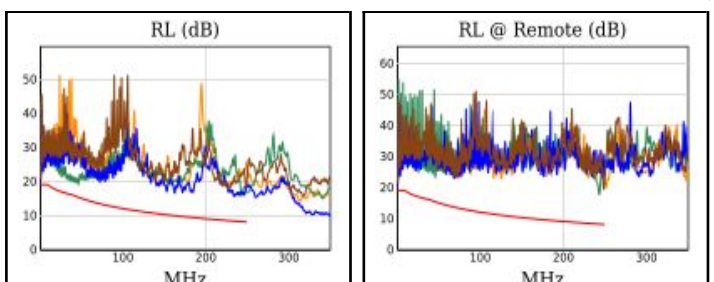
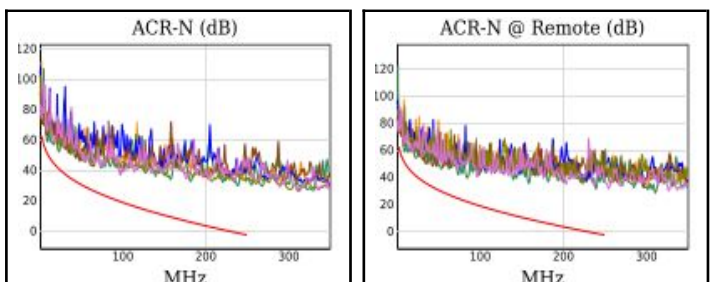
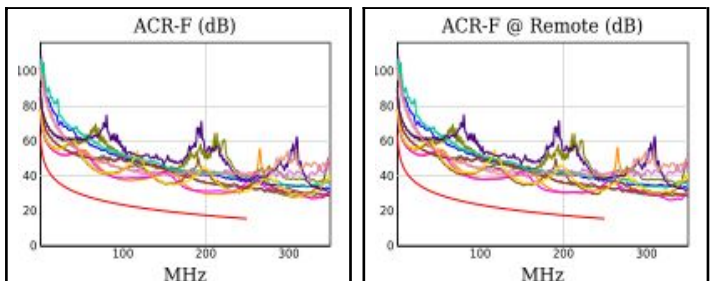
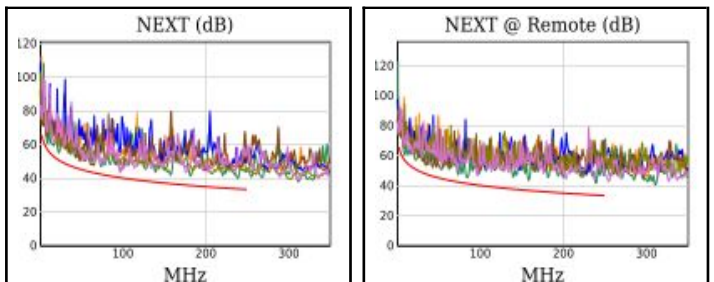
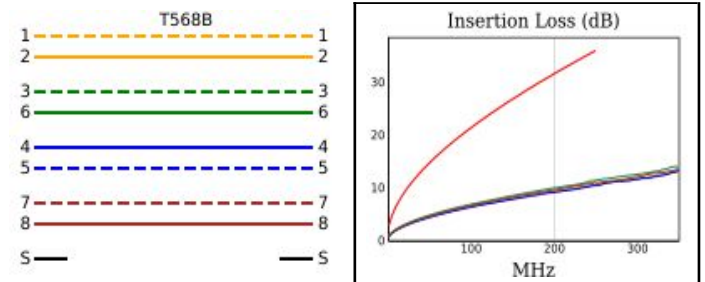
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6	3,6	4,5	3,6
RL (dB)	3.7	7.8	7.1	9.5
Freq. (MHz)	47.0	46.8	234.5	244.0
Limit (dB)	15.3	15.3	8.3	8.1

Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



PASS





Cable ID: PB06

Date / Time: 06/27/2025 03:06:33 AM

Headroom: 6.6 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: AMC 2151 Fresh Meadows

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

Main S/N: 1927408

Remote S/N: 1927404

Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 7,8]	123
Prop. Delay (ns), Limit 555	[Pair 3,6]	193
Delay Skew (ns), Limit 50	[Pair 3,6]	11
Resistance (ohms)	[Pair 3,6]	6.3
Insertion Loss Margin (dB)	[Pair 3,6]	23.9
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	3,6-7,8	1,2-7,8
NEXT (dB)	6.6	11.3	8.1	11.6
Freq. (MHz)	56.0	3.6	248.5	233.0
Limit (dB)	44.2	63.7	33.2	33.6
Worst Pair	7,8	7,8	7,8	1,2
PS NEXT (dB)	7.7	11.7	7.9	14.1
Freq. (MHz)	110.0	13.4	232.0	233.0
Limit (dB)	36.4	51.9	30.7	30.7

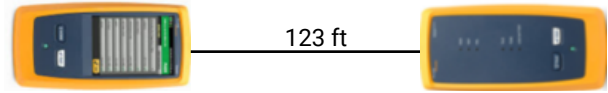
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	3,6-4,5	4,5-3,6
ACR-F (dB)	13.6	13.4	15.3	14.8
Freq. (MHz)	103.5	96.5	250.0	250.0
Limit (dB)	23.0	23.6	15.3	15.3
Worst Pair	3,6	3,6	4,5	3,6
PS ACR-F (dB)	13.5	13.4	16.9	16.6
Freq. (MHz)	6.5	5.9	250.0	249.5
Limit (dB)	44.0	44.9	12.3	12.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	3,6-7,8	1,2-7,8
ACR-N (dB)	12.1	13.9	32.6	35.0
Freq. (MHz)	7.3	3.6	248.5	233.0
Limit (dB)	53.5	59.9	-2.7	-0.8
Worst Pair	7,8	3,6	7,8	1,2
PS ACR-N (dB)	12.6	14.6	31.3	37.6
Freq. (MHz)	4.9	3.3	232.0	233.0
Limit (dB)	54.7	58.4	-3.7	-3.8

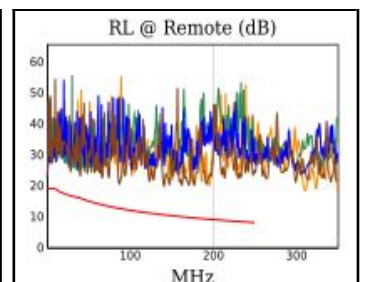
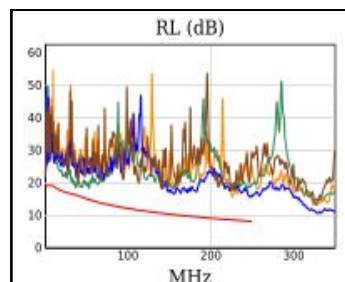
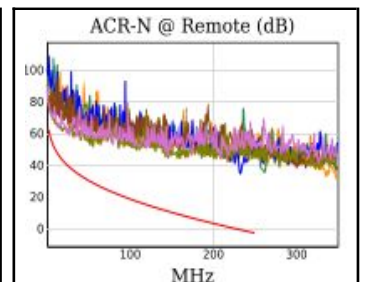
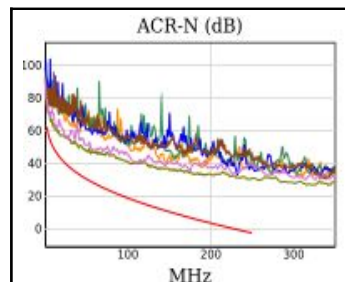
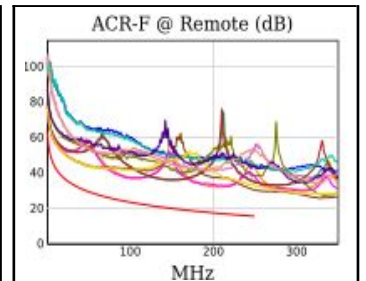
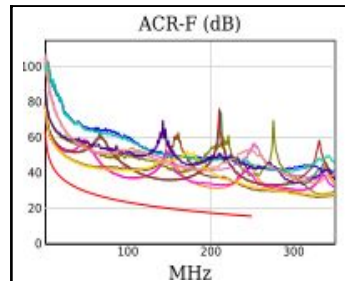
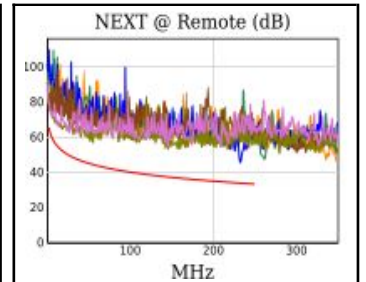
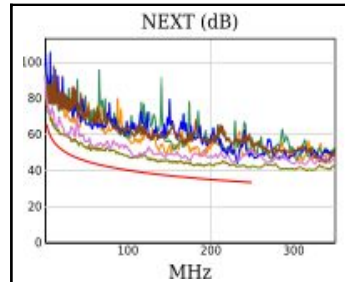
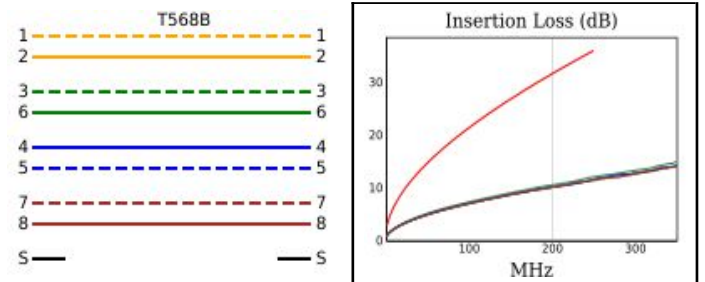
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6	7,8	4,5	7,8
RL (dB)	2.2	7.1	7.2	9.2
Freq. (MHz)	38.0	40.8	248.0	141.0
Limit (dB)	16.1	15.9	8.1	10.5

Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



PASS





Cable ID: PB07

Date / Time: 06/27/2025 03:31:18 AM

Headroom: 8.8 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: AMC 2151 Fresh Meadows

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

Main S/N: 1927408

Remote S/N: 1927404

Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 7,8]	175
Prop. Delay (ns), Limit 555	[Pair 3,6]	275
Delay Skew (ns), Limit 50	[Pair 3,6]	17
Resistance (ohms)	[Pair 3,6]	10.0
Insertion Loss Margin (dB)	[Pair 3,6]	19.0
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-4,5	3,6-7,8	3,6-7,8
NEXT (dB)	8.8	11.6	9.9	15.7
Freq. (MHz)	187.0	3.3	241.0	245.0
Limit (dB)	35.3	64.5	33.4	33.3
Worst Pair	7,8	4,5	7,8	7,8
PS NEXT (dB)	9.7	12.3	10.3	17.1
Freq. (MHz)	118.0	3.8	249.0	242.5
Limit (dB)	35.8	61.0	30.2	30.4

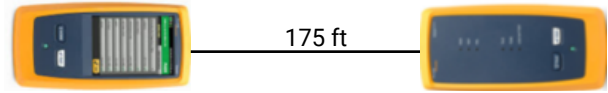
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	4,5-3,6	4,5-3,6
ACR-F (dB)	13.9	13.7	14.4	13.8
Freq. (MHz)	5.6	5.1	237.0	233.0
Limit (dB)	48.3	49.1	15.8	15.9
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	13.0	13.6	13.1	13.9
Freq. (MHz)	209.0	218.0	213.5	225.5
Limit (dB)	13.9	13.5	13.7	13.2

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-7,8	3,6-7,8
ACR-N (dB)	12.2	13.5	29.1	35.2
Freq. (MHz)	3.4	3.3	241.0	245.0
Limit (dB)	60.5	60.9	-1.8	-2.3
Worst Pair	4,5	4,5	7,8	3,6
PS ACR-N (dB)	12.4	14.4	29.8	36.4
Freq. (MHz)	3.6	3.8	249.0	247.0
Limit (dB)	57.4	57.1	-5.7	-5.4

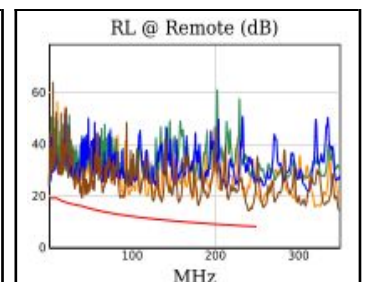
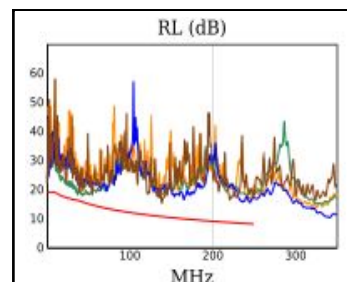
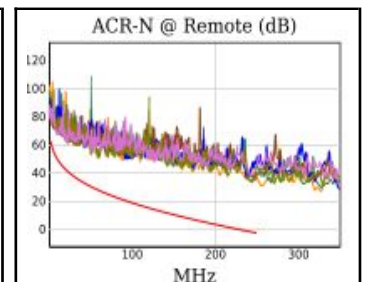
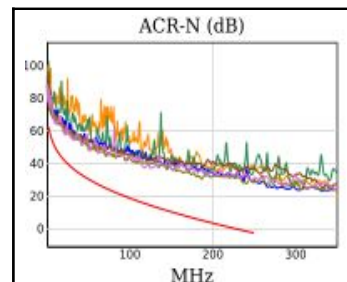
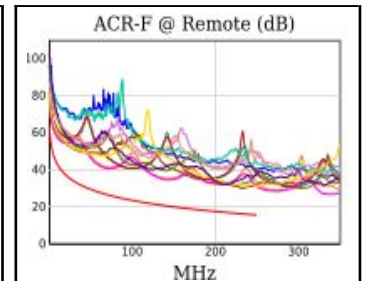
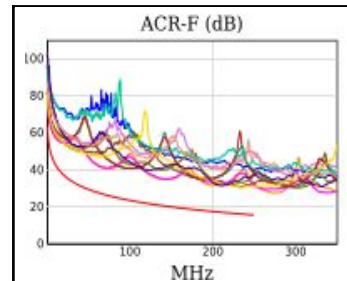
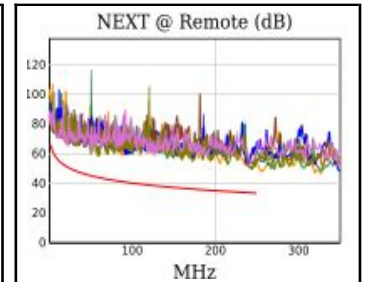
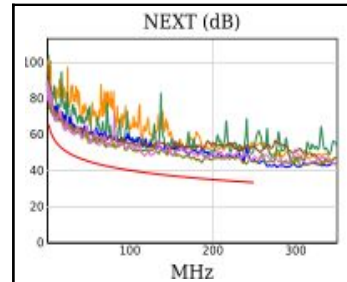
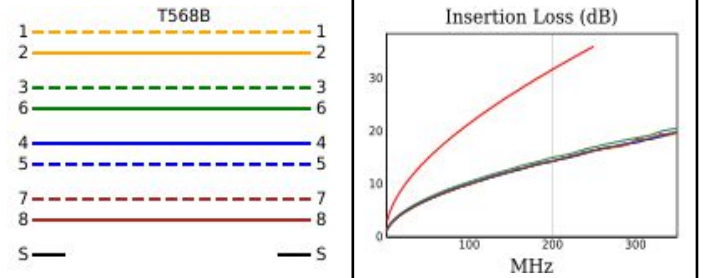
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6	7,8	7,8	7,8
RL (dB)	1.9	2.9	4.4	5.9
Freq. (MHz)	37.8	40.3	139.0	240.5
Limit (dB)	16.1	16.0	10.6	8.2

Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



PASS





Cable ID: S01

Date / Time: 06/26/2025 09:54:34 PM

Headroom: 6.9 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: AMC 2151 Fresh Meadows

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

Main S/N: 1927408

Remote S/N: 1927404

Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 4,5]	77
Prop. Delay (ns), Limit 555	[Pair 3,6]	122
Delay Skew (ns), Limit 50	[Pair 3,6]	9
Resistance (ohms)	[Pair 3,6]	4.4
Insertion Loss Margin (dB)	[Pair 3,6]	28.0
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	3,6-4,5	3,6-7,8	4,5-7,8
NEXT (dB)	7.3	6.9	9.7	9.2
Freq. (MHz)	120.5	37.5	248.5	250.0
Limit (dB)	38.5	47.1	33.2	33.1
Worst Pair	3,6	4,5	7,8	4,5
PS NEXT (dB)	6.6	8.1	8.2	10.9
Freq. (MHz)	44.0	44.8	212.0	250.0
Limit (dB)	43.2	43.1	31.4	30.2

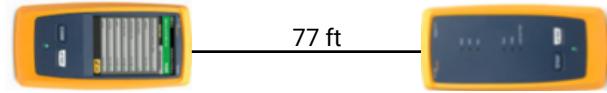
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	4,5-3,6	4,5-3,6
ACR-F (dB)	13.4	13.1	13.7	13.8
Freq. (MHz)	144.5	150.5	238.0	229.5
Limit (dB)	20.1	19.7	15.7	16.0
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	14.7	14.3	15.3	15.6
Freq. (MHz)	1.0	141.0	238.0	234.0
Limit (dB)	60.3	17.3	12.7	12.9

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-7,8	4,5-7,8
ACR-N (dB)	13.2	13.0	37.8	37.3
Freq. (MHz)	10.8	8.9	248.5	250.0
Limit (dB)	49.5	51.5	-2.7	-2.8
Worst Pair	4,5	4,5	7,8	7,8
PS ACR-N (dB)	12.8	14.0	38.0	39.1
Freq. (MHz)	12.4	8.1	248.5	250.0
Limit (dB)	45.4	49.8	-5.6	-5.8

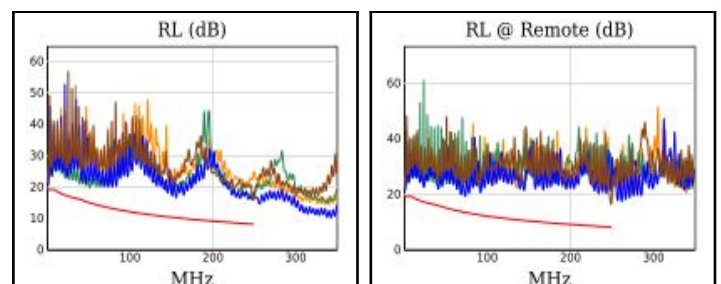
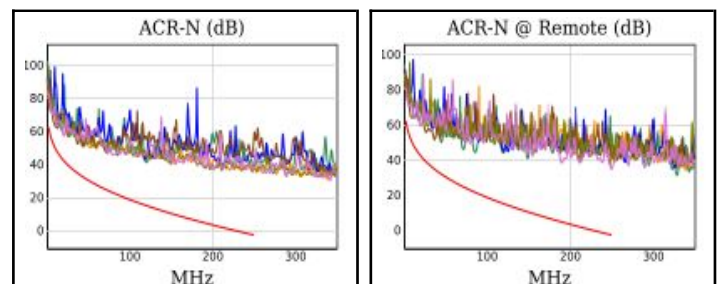
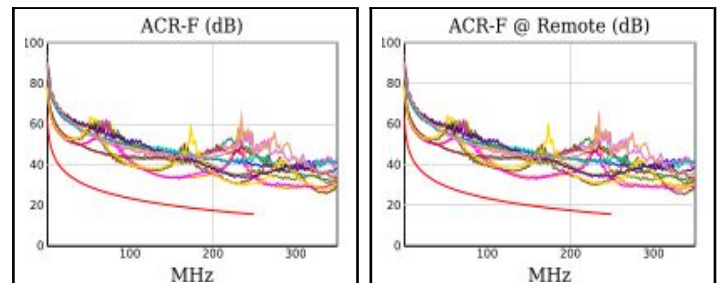
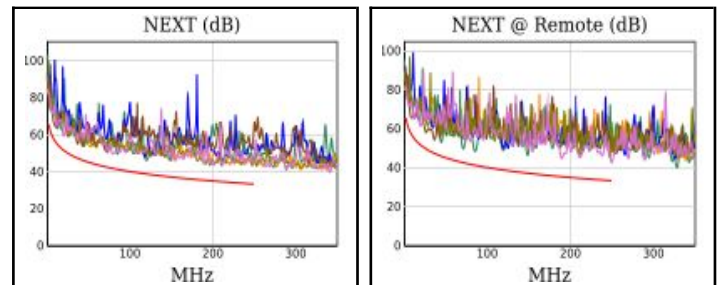
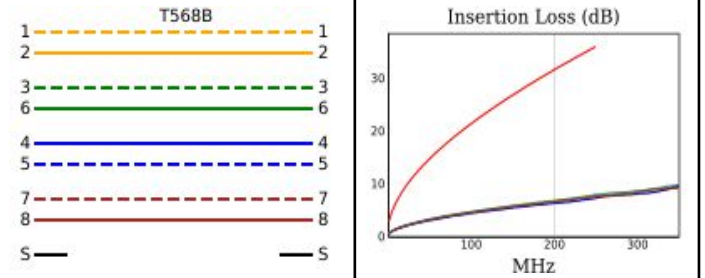
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6	4,5	7,8	7,8
RL (dB)	4.8	5.8	7.5	8.1
Freq. (MHz)	52.5	74.3	249.5	249.5
Limit (dB)	14.8	13.3	8.0	8.0

Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



PASS





Cable ID: S02

Date / Time: 06/26/2025 09:58:07 PM

Headroom: 6.6 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: AMC 2151 Fresh Meadows

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

Main S/N: 1927408

Remote S/N: 1927404

Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 4,5]	46
Prop. Delay (ns), Limit 555	[Pair 3,6]	72
Delay Skew (ns), Limit 50	[Pair 3,6]	5
Resistance (ohms)	[Pair 3,6]	2.8
Insertion Loss Margin (dB)	[Pair 3,6]	31.0
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	1,2-3,6	3,6-7,8
NEXT (dB)	6.6	6.6	8.9	11.1
Freq. (MHz)	99.5	98.3	247.5	238.5
Limit (dB)	40.0	40.1	33.2	33.5
Worst Pair	3,6	3,6	3,6	7,8
PS NEXT (dB)	7.3	8.1	9.3	12.5
Freq. (MHz)	99.5	98.5	247.5	238.0
Limit (dB)	37.1	37.2	30.2	30.5

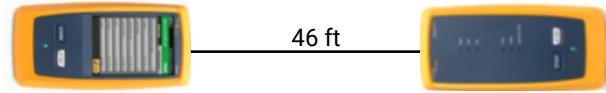
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-1,2	1,2-3,6	3,6-1,2	1,2-3,6
ACR-F (dB)	13.5	13.1	13.6	13.2
Freq. (MHz)	248.5	248.5	249.5	249.0
Limit (dB)	15.4	15.4	15.3	15.3
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	14.7	14.0	14.8	14.1
Freq. (MHz)	245.5	248.5	246.0	250.0
Limit (dB)	12.5	12.4	12.4	12.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	4,5-7,8	4,5-7,8	1,2-3,6	3,6-7,8
ACR-N (dB)	14.6	15.9	39.8	41.5
Freq. (MHz)	12.3	6.8	247.5	238.5
Limit (dB)	48.1	54.2	-2.5	-1.5
Worst Pair	7,8	4,5	3,6	7,8
PS ACR-N (dB)	15.6	16.6	40.2	42.8
Freq. (MHz)	4.9	6.0	247.5	238.0
Limit (dB)	54.7	52.8	-5.5	-4.4

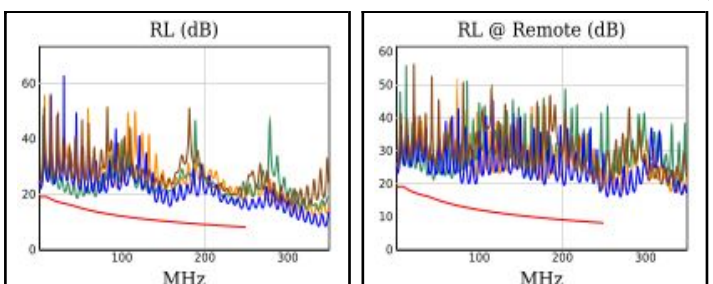
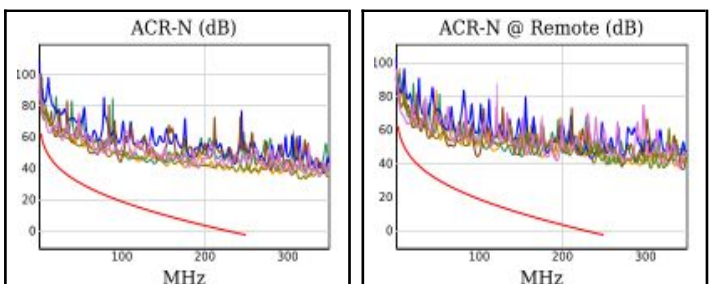
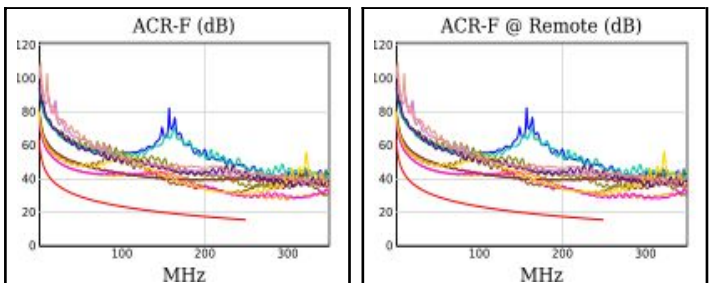
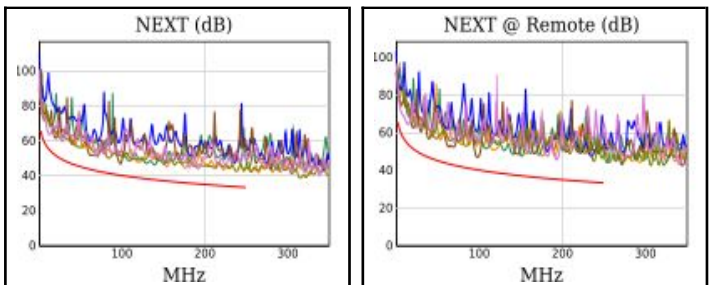
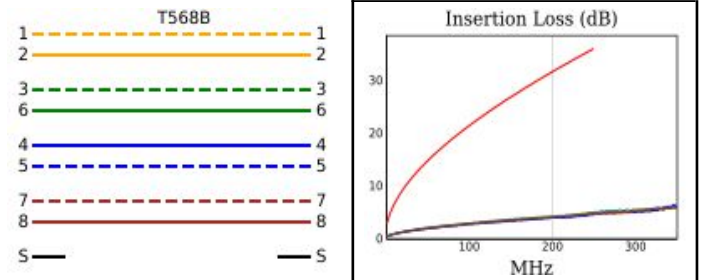
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	4,5	4,5	4,5
RL (dB)	5.5	9.3	6.7	9.3
Freq. (MHz)	158.5	246.5	245.5	246.5
Limit (dB)	10.0	8.1	8.1	8.1

Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



PASS





Cable ID: S03

Date / Time: 06/26/2025 09:51:45 PM

Headroom: 5.6 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: AMC 2151 Fresh Meadows

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

Main S/N: 1927408

Remote S/N: 1927404

Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 4,5]	89
Prop. Delay (ns), Limit 555	[Pair 3,6]	141
Delay Skew (ns), Limit 50	[Pair 3,6]	10
Resistance (ohms)	[Pair 3,6]	5.0
Insertion Loss Margin (dB)	[Pair 3,6]	26.7
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-7,8	1,2-4,5	1,2-3,6	4,5-7,8
NEXT (dB)	5.6	5.7	7.3	9.4
Freq. (MHz)	189.0	9.8	237.0	212.5
Limit (dB)	35.2	56.8	33.5	34.3
Worst Pair	1,2	4,5	3,6	4,5
PS NEXT (dB)	6.8	7.3	8.3	11.1
Freq. (MHz)	9.4	10.1	237.0	226.5
Limit (dB)	54.5	53.9	30.6	30.9

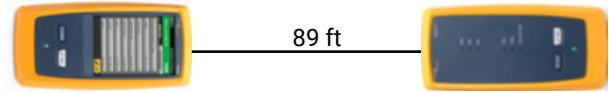
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	3,6-1,2	1,2-3,6
ACR-F (dB)	14.4	14.5	15.1	14.5
Freq. (MHz)	123.0	248.0	248.0	248.0
Limit (dB)	21.5	15.4	15.4	15.4
Worst Pair	3,6	3,6	1,2	3,6
PS ACR-F (dB)	15.5	15.4	16.3	16.7
Freq. (MHz)	5.3	115.5	248.0	248.0
Limit (dB)	45.9	19.0	12.4	12.4

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-4,5	1,2-3,6	4,5-7,8
ACR-N (dB)	10.3	10.4	33.4	34.1
Freq. (MHz)	9.4	9.5	237.0	212.5
Limit (dB)	50.9	50.8	-1.3	1.7
Worst Pair	1,2	3,6	3,6	4,5
PS ACR-N (dB)	11.5	11.7	34.5	37.2
Freq. (MHz)	9.4	3.5	237.0	226.5
Limit (dB)	48.3	57.7	-4.3	-3.0

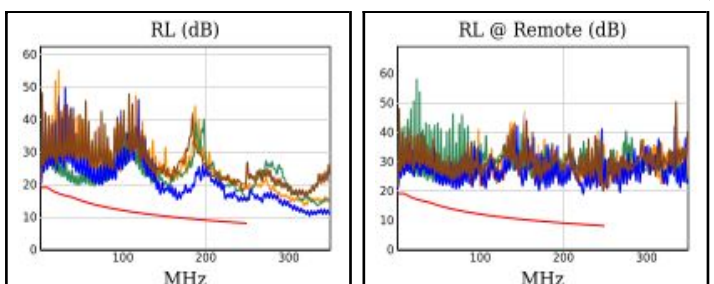
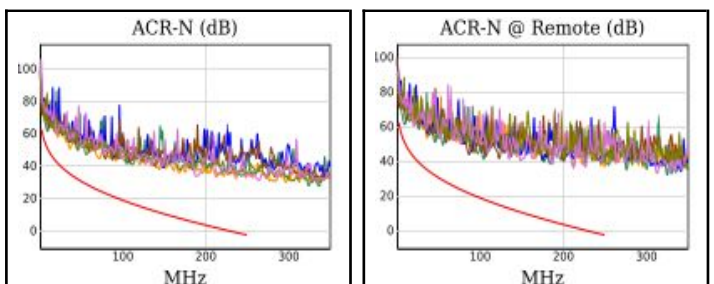
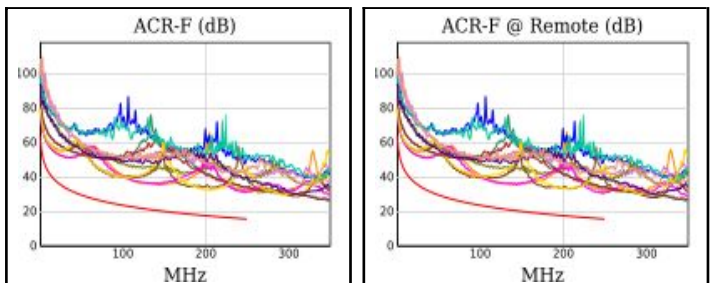
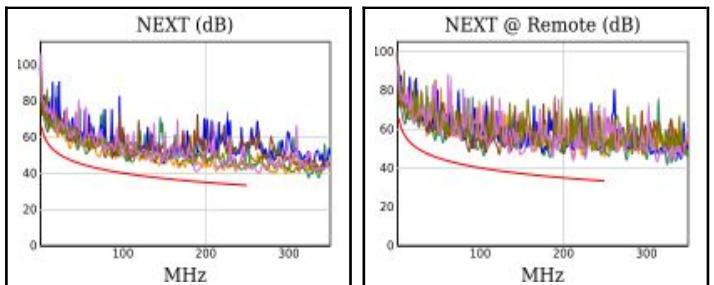
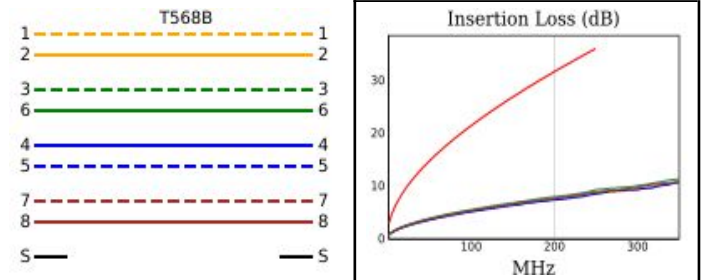
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6	4,5	4,5	4,5
RL (dB)	4.2	7.1	6.5	10.3
Freq. (MHz)	44.8	71.3	240.5	224.5
Limit (dB)	15.5	13.5	8.2	8.5

Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



PASS





Cable ID: S04

Date / Time: 06/26/2025 10:04:39 PM

Headroom: 2.4 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: AMC 2151 Fresh Meadows

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

Main S/N: 1927408

Remote S/N: 1927404

Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 4,5]	112
Prop. Delay (ns), Limit 555	[Pair 3,6]	178
Delay Skew (ns), Limit 50	[Pair 3,6]	13
Resistance (ohms)	[Pair 3,6]	6.4
Insertion Loss Margin (dB)	[Pair 3,6]	24.4
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-4,5	4,5-7,8	4,5-7,8
NEXT (dB)	3.0	2.4	7.9	8.7
Freq. (MHz)	19.9	19.9	245.5	171.5
Limit (dB)	51.7	51.7	33.3	35.9
Worst Pair	4,5	4,5	7,8	4,5
PS NEXT (dB)	3.8	4.2	8.2	11.0
Freq. (MHz)	11.9	20.0	245.5	171.5
Limit (dB)	52.8	49.0	30.3	33.0

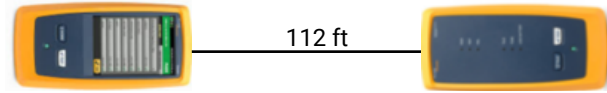
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	4,5-3,6	4,5-3,6	4,5-3,6
ACR-F (dB)	13.8	13.8	13.9	13.8
Freq. (MHz)	231.5	233.5	234.0	233.5
Limit (dB)	16.0	15.9	15.9	15.9
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	14.4	14.2	14.8	14.3
Freq. (MHz)	231.0	84.5	241.5	233.5
Limit (dB)	13.0	21.7	12.6	12.9

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	1,2-4,5	4,5-7,8	4,5-7,8
ACR-N (dB)	8.8	8.7	32.7	34.2
Freq. (MHz)	11.8	19.9	245.5	220.0
Limit (dB)	48.6	42.7	-2.3	0.7
Worst Pair	4,5	4,5	7,8	7,8
PS ACR-N (dB)	8.6	9.8	33.0	36.2
Freq. (MHz)	11.8	12.1	245.5	220.0
Limit (dB)	46.0	45.6	-5.3	-2.2

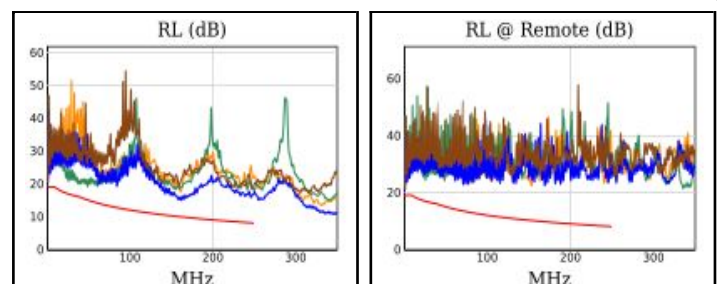
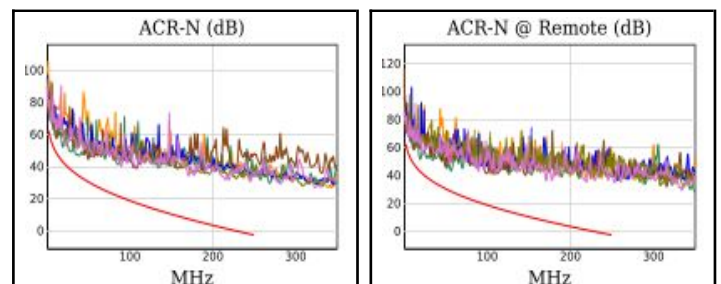
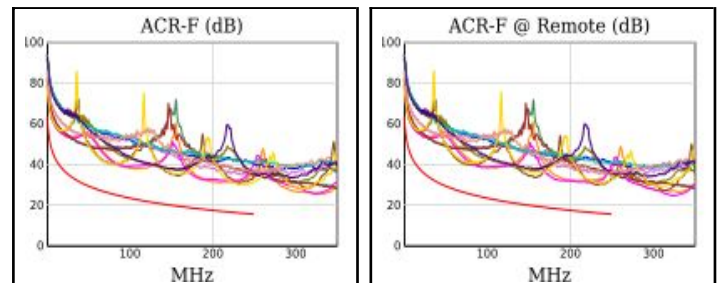
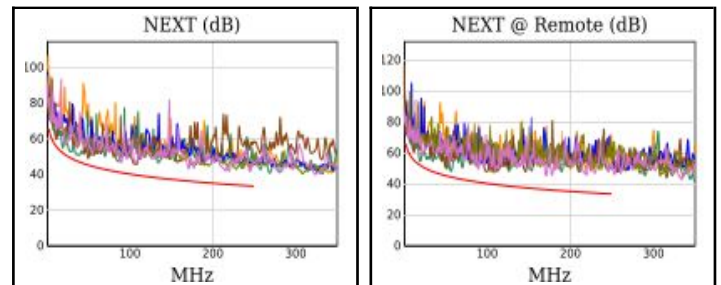
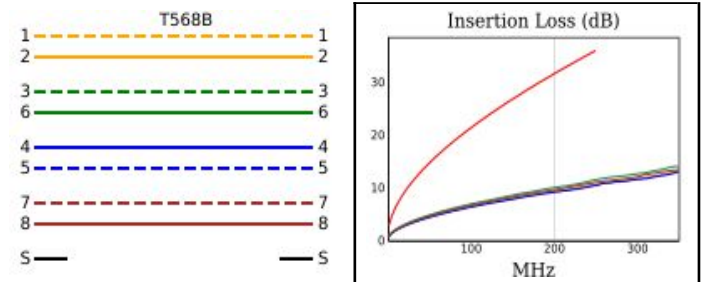
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6	3,6	4,5	1,2
RL (dB)	3.8	7.5	5.0	11.9
Freq. (MHz)	38.5	26.5	162.0	154.0
Limit (dB)	16.1	16.9	9.9	10.1

Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



PASS





Cable ID: S05

Date / Time: 06/27/2025 12:38:10 AM

Headroom: 1.8 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: AMC 2151 Fresh Meadows

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

Main S/N: 1927408

Remote S/N: 1927404

Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 4,5]	112
Prop. Delay (ns), Limit 555	[Pair 3,6]	178
Delay Skew (ns), Limit 50	[Pair 3,6]	13
Resistance (ohms)	[Pair 3,6]	6.2
Insertion Loss Margin (dB)	[Pair 3,6]	24.7
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-4,5	1,2-4,5	1,2-4,5
NEXT (dB)	1.8	3.9	1.8	9.7
Freq. (MHz)	248.0	12.4	248.0	248.5
Limit (dB)	33.2	55.1	33.2	33.2
Worst Pair	4,5	4,5	1,2	4,5
PS NEXT (dB)	2.7	5.2	4.3	11.6
Freq. (MHz)	46.8	12.4	248.0	248.5
Limit (dB)	42.7	52.5	30.2	30.2

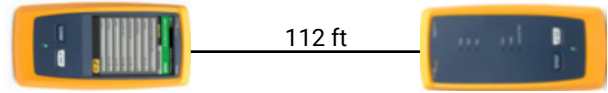
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	4,5-3,6	4,5-1,2	4,5-3,6
ACR-F (dB)	13.0	12.3	13.6	12.3
Freq. (MHz)	6.4	231.0	248.5	231.0
Limit (dB)	47.2	16.0	15.4	16.0
Worst Pair	1,2	3,6	4,5	3,6
PS ACR-F (dB)	13.8	13.2	14.2	13.2
Freq. (MHz)	5.9	230.5	231.0	230.5
Limit (dB)	44.9	13.0	13.0	13.0

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-4,5	1,2-4,5	1,2-4,5
ACR-N (dB)	8.9	8.8	27.3	35.3
Freq. (MHz)	12.4	12.3	248.0	248.5
Limit (dB)	48.0	48.1	-2.6	-2.7
Worst Pair	4,5	4,5	1,2	4,5
PS ACR-N (dB)	10.2	10.1	29.7	37.1
Freq. (MHz)	12.4	12.3	248.5	248.5
Limit (dB)	45.4	45.5	-5.6	-5.6

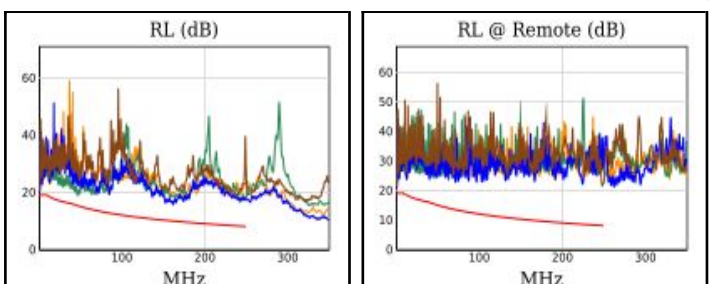
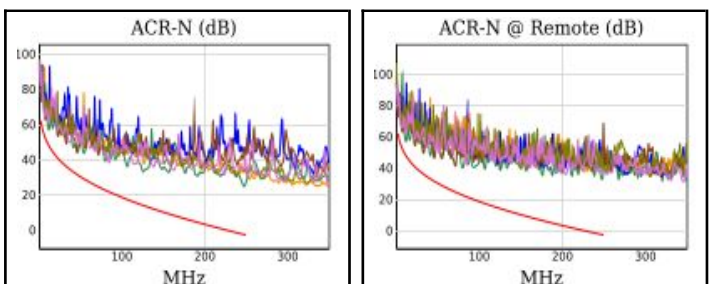
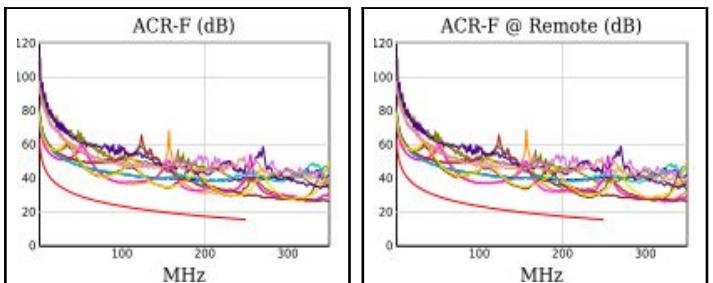
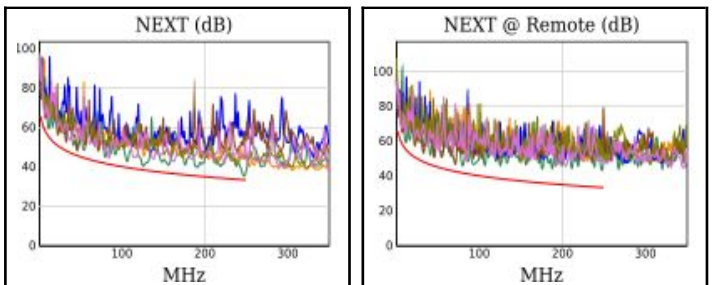
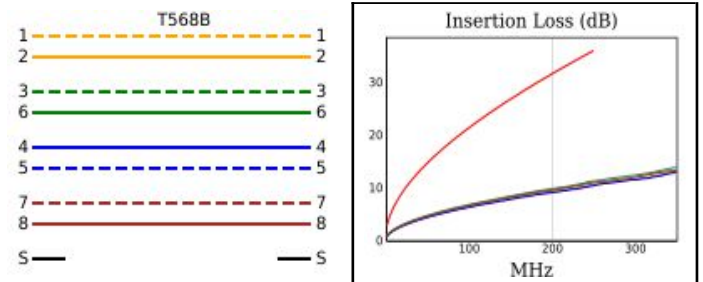
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6	4,5	4,5	7,8
RL (dB)	3.5	7.8	5.5	13.4
Freq. (MHz)	47.3	41.0	162.5	248.5
Limit (dB)	15.3	15.9	9.9	8.0

Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



PASS





Cable ID: S06

Date / Time: 06/27/2025 03:47:45 AM

Headroom: 8.6 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: AMC 2151 Fresh Meadows

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

Main S/N: 1927408

Remote S/N: 1927404

Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 7,8]	175
Prop. Delay (ns), Limit 555	[Pair 3,6]	275
Delay Skew (ns), Limit 50	[Pair 3,6]	17
Resistance (ohms)	[Pair 3,6]	10.5
Insertion Loss Margin (dB)	[Pair 3,6]	19.0
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-4,5	3,6-7,8	3,6-7,8
NEXT (dB)	8.6	11.7	9.6	15.7
Freq. (MHz)	187.0	3.3	241.0	245.0
Limit (dB)	35.3	64.5	33.4	33.3
Worst Pair	7,8	4,5	7,8	7,8
PS NEXT (dB)	9.5	12.1	10.1	17.1
Freq. (MHz)	117.5	3.6	248.0	242.5
Limit (dB)	35.9	61.2	30.2	30.4

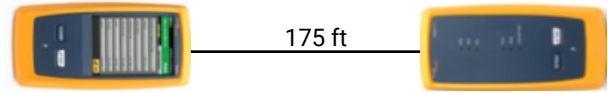
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	4,5-3,6	4,5-3,6
ACR-F (dB)	13.8	13.7	14.3	13.8
Freq. (MHz)	2.9	5.6	237.0	233.0
Limit (dB)	54.1	48.3	15.8	15.9
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	13.0	13.6	13.1	13.8
Freq. (MHz)	211.5	218.0	213.5	222.5
Limit (dB)	13.8	13.5	13.7	13.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-7,8	3,6-7,8
ACR-N (dB)	12.1	13.6	28.8	35.2
Freq. (MHz)	3.4	3.3	241.0	245.0
Limit (dB)	60.5	60.9	-1.8	-2.3
Worst Pair	3,6	4,5	7,8	3,6
PS ACR-N (dB)	12.4	14.1	29.7	36.4
Freq. (MHz)	3.5	3.6	249.0	247.0
Limit (dB)	57.7	57.4	-5.7	-5.4

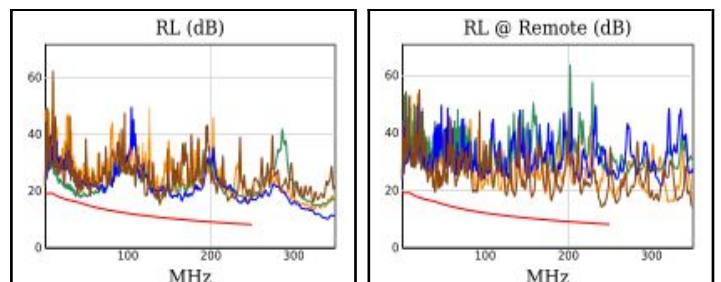
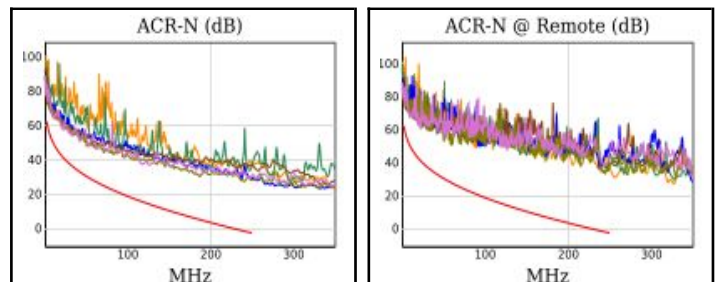
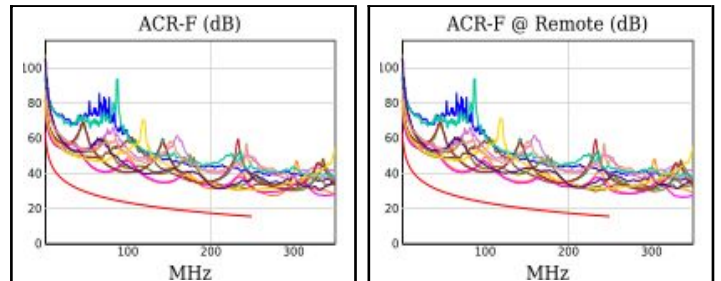
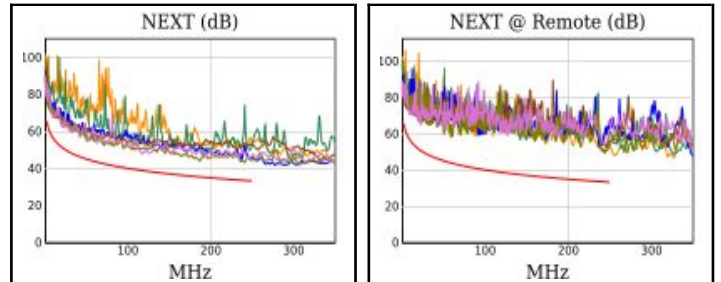
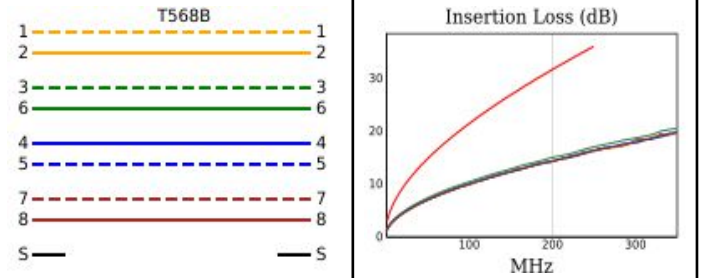
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6	7,8	7,8	7,8
RL (dB)	1.7	3.0	4.3	5.8
Freq. (MHz)	37.8	40.3	139.0	240.5
Limit (dB)	16.1	16.0	10.6	8.2

Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



PASS





Cable ID: S07

Date / Time: 06/27/2025 03:47:22 AM

Headroom: 8.7 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: AMC 2151 Fresh Meadows

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

Main S/N: 1927408

Remote S/N: 1927404

Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 7,8]	175
Prop. Delay (ns), Limit 555	[Pair 3,6]	275
Delay Skew (ns), Limit 50	[Pair 3,6]	17
Resistance (ohms)	[Pair 3,6]	10.5
Insertion Loss Margin (dB)	[Pair 3,6]	19.0
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-4,5	3,6-7,8	3,6-7,8
NEXT (dB)	8.7	12.0	9.7	15.7
Freq. (MHz)	187.0	3.3	241.0	245.0
Limit (dB)	35.3	64.5	33.4	33.3
Worst Pair	7,8	4,5	7,8	7,8
PS NEXT (dB)	9.6	12.2	10.2	17.0
Freq. (MHz)	118.0	3.8	249.0	242.5
Limit (dB)	35.8	61.0	30.2	30.4

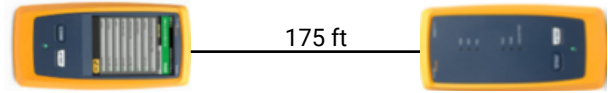
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	4,5-3,6	4,5-3,6
ACR-F (dB)	13.9	13.7	14.3	13.8
Freq. (MHz)	5.6	5.1	237.0	233.0
Limit (dB)	48.3	49.1	15.8	15.9
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	13.0	13.6	13.1	13.8
Freq. (MHz)	211.5	218.0	213.5	222.5
Limit (dB)	13.8	13.5	13.7	13.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-7,8	3,6-7,8
ACR-N (dB)	12.0	13.9	28.9	35.2
Freq. (MHz)	3.4	3.3	241.0	245.0
Limit (dB)	60.5	60.9	-1.8	-2.3
Worst Pair	3,6	4,5	7,8	3,6
PS ACR-N (dB)	12.3	14.3	29.7	36.4
Freq. (MHz)	3.4	3.8	249.0	247.0
Limit (dB)	58.0	57.1	-5.7	-5.4

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6	7,8	7,8	7,8
RL (dB)	1.7	3.0	4.3	5.8
Freq. (MHz)	37.8	40.3	139.0	240.5
Limit (dB)	16.1	16.0	10.6	8.2

Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



PASS

