

LinkWare Live

Official Summary

Certification Report



Exclusively For:		Prepared By:	Projects
		Systec101	2112 19th Street East 6 - AMC
		Murat Yildirim	
		info@systec101.com	
Product Name	Serial Number	Firmware Version	Calibration Date
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
AP-AUD1	PASS	TIA Cat 6 Channel	51 ft	1.3 dB (NEXT)	06/17/2025 10:36:17 PM
AP-AUD2	PASS	TIA Cat 6 Channel	60 ft	8.4 dB (NEXT)	06/18/2025 01:25:19 AM
AP-AUD3	PASS	TIA Cat 6 Channel	68 ft	3.0 dB (NEXT)	06/17/2025 09:42:52 PM
AP-AUD4	PASS	TIA Cat 6 Channel	172 ft	1.9 dB (NEXT)	06/17/2025 11:28:41 PM
AP-AUD5	PASS	TIA Cat 6 Channel	140 ft	1.7 dB (NEXT)	06/18/2025 12:29:13 AM
AP-AUD6	PASS	TIA Cat 6 Channel	138 ft	1.1 dB (NEXT)	06/18/2025 01:12:38 AM
PB01	PASS	TIA Cat 6 Channel	48 ft	7.6 dB (NEXT)	06/17/2025 09:19:24 PM
PB02	PASS	TIA Cat 6 Channel	52 ft	9.9 dB (NEXT)	06/17/2025 09:20:16 PM
PB03	PASS	TIA Cat 6 Channel	56 ft	9.2 dB (NEXT)	06/17/2025 09:21:01 PM
PB04	PASS	TIA Cat 6 Channel	138 ft	1.0 dB (NEXT)	06/18/2025 01:12:51 AM
PB05	PASS	TIA Cat 6 Channel	173 ft	3.6 dB (NEXT)	06/17/2025 11:33:39 PM
PB06	PASS	TIA Cat 6 Channel	119 ft	3.5 dB (NEXT)	06/17/2025 09:23:53 PM
S01	PASS	TIA Cat 6 Channel	48 ft	8.6 dB (NEXT)	06/17/2025 09:16:11 PM
S02	PASS	TIA Cat 6 Channel	52 ft	11.8 dB (NEXT)	06/17/2025 09:19:57 PM
S03	PASS	TIA Cat 6 Channel	57 ft	7.4 dB (NEXT)	06/17/2025 09:20:47 PM
S04	PASS	TIA Cat 6 Channel	175 ft	2.5 dB (NEXT)	06/17/2025 11:30:48 PM
S05	PASS	TIA Cat 6 Channel	140 ft	3.6 dB (NEXT)	06/18/2025 12:30:09 AM
S06	PASS	TIA Cat 6 Channel	119 ft	3.5 dB (NEXT)	06/17/2025 09:22:08 PM

Total Length:	1806 ft
No of Reports:	18
No of Passing Reports:	18
No of Failing Reports:	0
No of Warning Reports:	0
Documentation only:	0



Cable ID: AP-AUD1

Date / Time: 06/17/2025 10:36:17 PM

Headroom: 1.3 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: 2112 19th Street East 6 - AMC

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]	51
Prop. Delay (ns), Limit 555	[Pair 3,6]	80
Delay Skew (ns), Limit 50	[Pair 3,6]	5
Resistance (ohms)	[Pair 3,6]	3.3
Insertion Loss Margin (dB)	[Pair 3,6]	30.7
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	3,6-4,5	3,6-4,5
NEXT (dB)	1.3	2.3	3.2	7.7
Freq. (MHz)	82.3	6.3	240.5	228.5
Limit (dB)	41.4	59.9	33.4	33.8
Worst Pair	3,6	3,6	4,5	3,6
PS NEXT (dB)	3.6	3.9	5.0	8.7
Freq. (MHz)	66.3	6.3	241.0	228.5
Limit (dB)	40.2	57.4	30.4	30.8

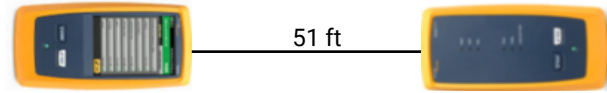
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-1,2	1,2-3,6	3,6-1,2	1,2-3,6
ACR-F (dB)	13.5	13.1	13.7	13.2
Freq. (MHz)	222.5	222.5	230.0	230.0
Limit (dB)	16.3	16.3	16.0	16.0
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	15.1	14.7	15.1	15.0
Freq. (MHz)	221.5	216.0	221.5	230.0
Limit (dB)	13.3	13.6	13.3	13.0

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)	7.4	6.6	34.7	37.3
Freq. (MHz)	6.4	6.3	248.5	228.5
Limit (dB)	54.7	54.9	-2.7	-0.3
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	9.1	8.1	36.2	37.7
Freq. (MHz)	6.1	5.9	247.5	228.5
Limit (dB)	52.6	53.0	-5.5	-3.2

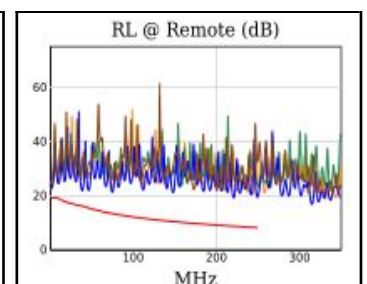
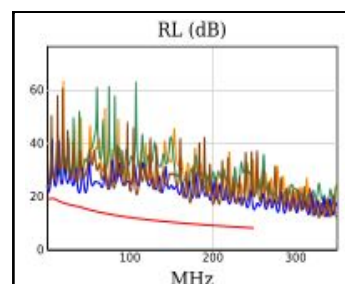
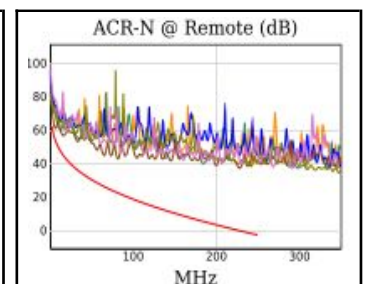
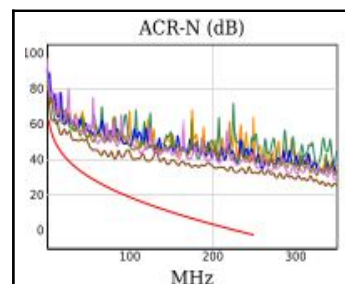
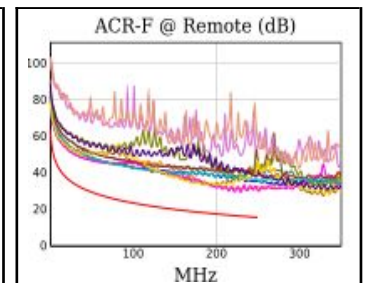
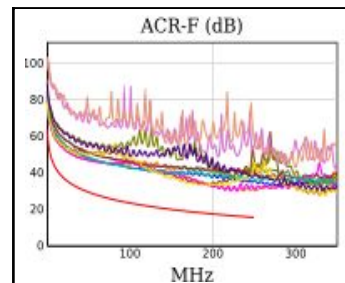
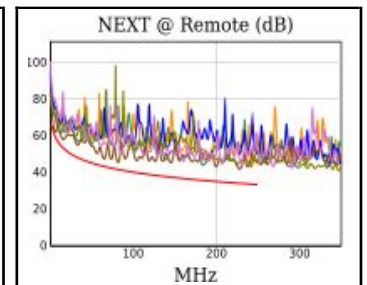
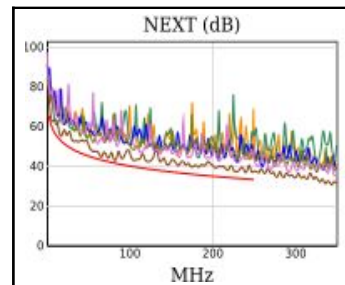
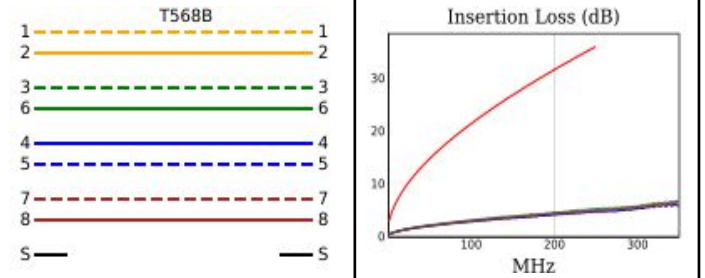
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	4,5	4,5	4,5
RL (dB)	7.0	10.4	7.0	10.5
Freq. (MHz)	250.0	112.5	250.0	221.5
Limit (dB)	8.0	11.5	8.0	8.5

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: AP-AUD2

Date / Time: 06/18/2025 01:25:19 AM

Headroom: 8.4 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: 2112 19th Street East 6 - AMC

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]	60
Prop. Delay (ns), Limit 555	[Pair 3,6]	95
Delay Skew (ns), Limit 50	[Pair 3,6]	7
Resistance (ohms)	[Pair 1,2]	7.4
Insertion Loss Margin (dB)	[Pair 1,2]	29.8
Frequency (MHz)	[Pair 1,2]	249.0
Limit (dB)	[Pair 1,2]	35.9

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	3,6-4,5
NEXT (dB)	8.4	9.3	13.1	11.8
Freq. (MHz)	31.5	30.6	239.0	198.0
Limit (dB)	48.4	48.6	33.5	34.9
Worst Pair	4,5	3,6	3,6	4,5
PS NEXT (dB)	10.7	10.3	12.9	12.2
Freq. (MHz)	31.8	30.6	239.5	213.5
Limit (dB)	45.6	45.9	30.5	31.4

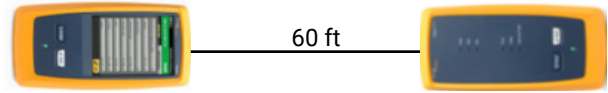
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	3,6-4,5	4,5-3,6	3,6-4,5
ACR-F (dB)	12.7	13.1	12.7	13.1
Freq. (MHz)	250.0	250.0	250.0	250.0
Limit (dB)	15.3	15.3	15.3	15.3
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	12.8	14.3	12.8	14.3
Freq. (MHz)	250.0	250.0	250.0	250.0
Limit (dB)	12.3	12.3	12.3	12.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-4,5	3,6-4,5	4,5-7,8
ACR-N (dB)	17.9	17.3	42.7	42.6
Freq. (MHz)	9.4	4.9	239.0	234.0
Limit (dB)	50.9	57.2	-1.5	-1.0
Worst Pair	3,6	3,6	3,6	4,5
PS ACR-N (dB)	18.3	18.9	42.1	40.0
Freq. (MHz)	9.6	5.1	239.5	213.5
Limit (dB)	48.1	54.2	-4.6	-1.4

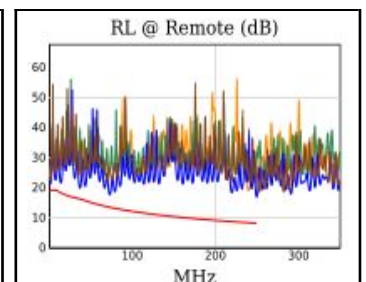
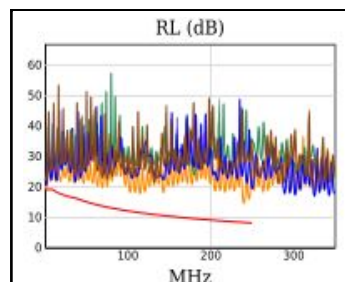
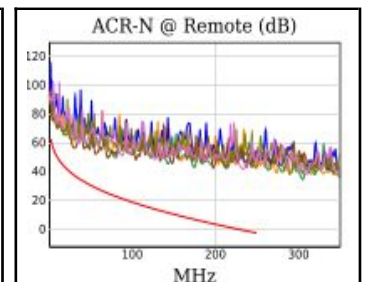
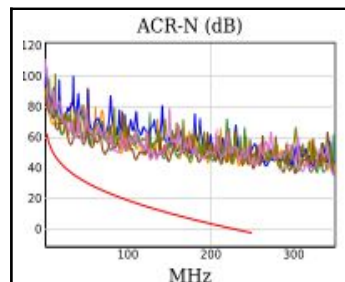
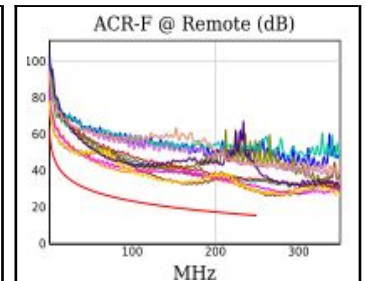
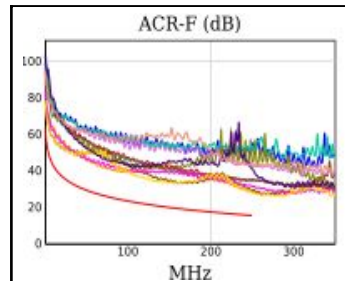
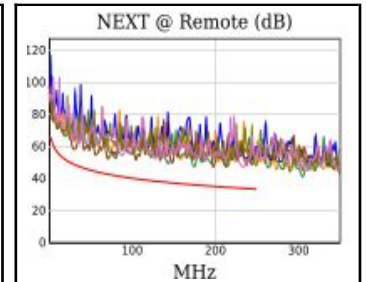
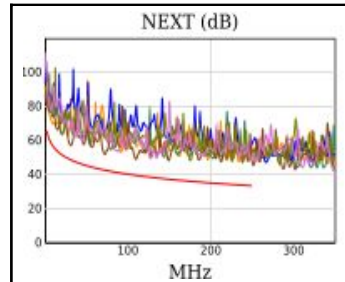
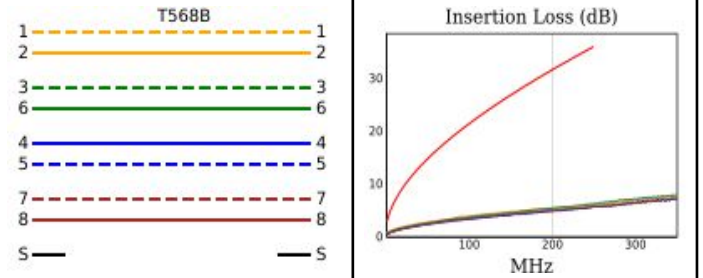
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	4,5	1,2	4,5
RL (dB)	6.0	5.5	6.2	8.6
Freq. (MHz)	69.8	80.0	240.5	250.0
Limit (dB)	13.6	13.0	8.2	8.0

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-AUD3

Date / Time: 06/17/2025 09:42:52 PM

Headroom: 3 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: 2112 19th Street East 6 - AMC

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]	68
Prop. Delay (ns), Limit 555	[Pair 4,5]	105
Delay Skew (ns), Limit 50	[Pair 4,5]	5
Resistance (ohms)	[Pair 3,6]	4.9
Insertion Loss Margin (dB)	[Pair 3,6]	29.3
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	3,6-7,8
NEXT (dB)	5.1	3.0	5.1	7.3
Freq. (MHz)	243.0	6.4	243.0	214.0
Limit (dB)	33.3	59.8	33.3	34.3
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	6.2	4.0	6.2	9.8
Freq. (MHz)	243.0	4.8	243.0	214.0
Limit (dB)	30.4	59.3	30.4	31.3

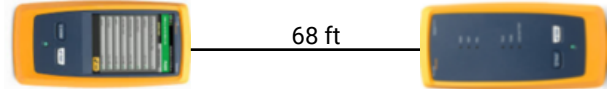
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-4,5	1,2-4,5
ACR-F (dB)	14.0	13.9	18.5	18.3
Freq. (MHz)	7.0	7.0	249.5	250.0
Limit (dB)	46.4	46.4	15.3	15.3
Worst Pair	1,2	1,2	1,2	4,5
PS ACR-F (dB)	15.4	15.2	19.8	18.9
Freq. (MHz)	7.0	1.0	247.0	249.5
Limit (dB)	43.4	60.3	12.4	12.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-7,8	3,6-7,8	3,6-7,8
ACR-N (dB)	10.4	6.9	34.4	34.6
Freq. (MHz)	4.8	4.8	243.0	214.0
Limit (dB)	57.5	57.5	-2.0	1.5
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	10.6	7.6	35.2	37.9
Freq. (MHz)	4.6	4.8	243.0	226.0
Limit (dB)	55.2	54.9	-5.0	-2.9

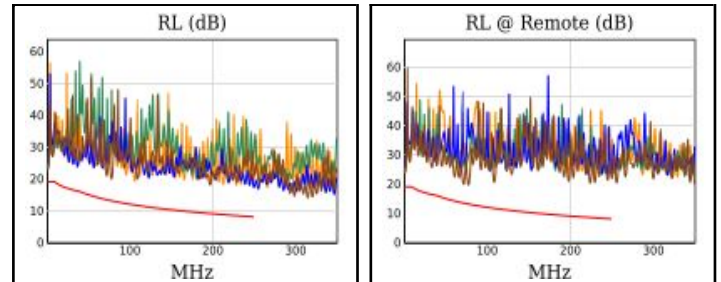
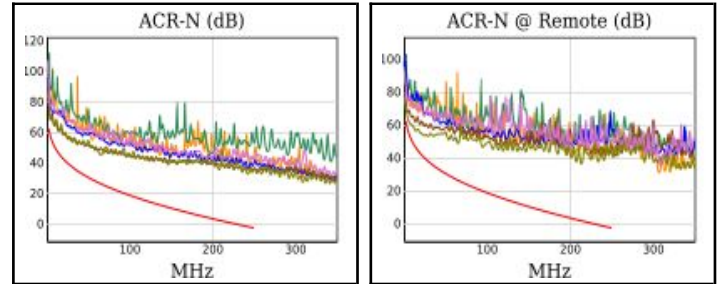
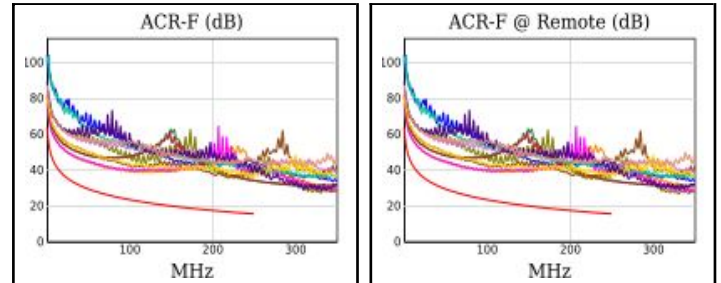
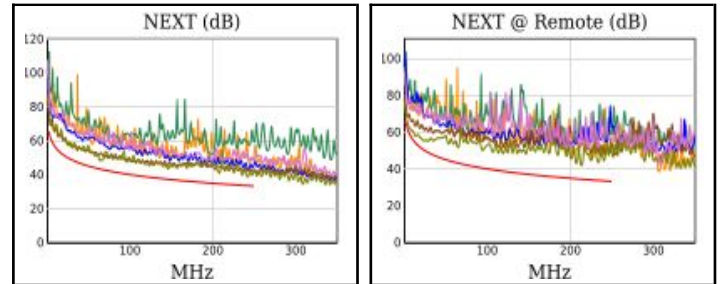
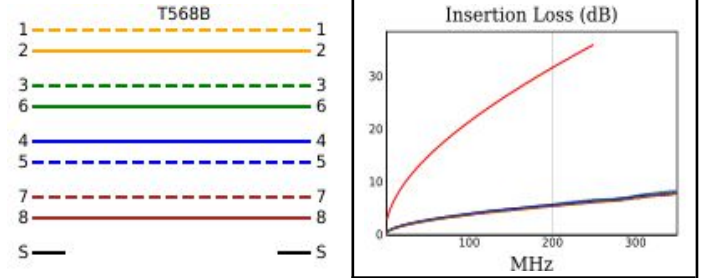
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	4,5	7,8
RL (dB)	6.8	6.4	9.1	6.5
Freq. (MHz)	78.5	72.3	250.0	78.3
Limit (dB)	13.1	13.4	8.0	13.1

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: AP-AUD4

Date / Time: 06/17/2025 11:28:41 PM

Headroom: 1.9 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: 2112 19th Street East 6 - AMC

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]	172
Prop. Delay (ns), Limit 555	[Pair 3,6]	274
Delay Skew (ns), Limit 50	[Pair 3,6]	21
Resistance (ohms)	[Pair 3,6]	9.5
Insertion Loss Margin (dB)	[Pair 3,6]	19.1
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)	2.0	1.9	6.5	9.8
Freq. (MHz)	47.3	47.3	230.0	219.5
Limit (dB)	45.4	45.4	33.7	34.1
Worst Pair	4,5	4,5	4,5	4,5
PS NEXT (dB)	3.8	3.3	9.4	9.5
Freq. (MHz)	47.3	47.3	247.0	169.0
Limit (dB)	42.7	42.7	30.2	33.1

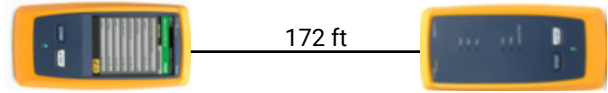
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	4,5-3,6	4,5-3,6
ACR-F (dB)	11.1	10.9	12.3	12.7
Freq. (MHz)	66.3	60.3	245.5	245.0
Limit (dB)	26.8	27.7	15.5	15.5
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	11.8	12.5	11.9	12.6
Freq. (MHz)	245.5	184.0	246.0	245.0
Limit (dB)	12.5	15.0	12.4	12.5

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)	5.1	5.4	27.8	28.9
Freq. (MHz)	5.0	4.6	247.5	219.5
Limit (dB)	57.0	57.7	-2.5	0.8
Worst Pair	4,5	4,5	1,2	3,6
PS ACR-N (dB)	6.6	6.8	29.9	32.5
Freq. (MHz)	5.0	5.0	247.5	243.5
Limit (dB)	54.5	54.5	-5.5	-5.0

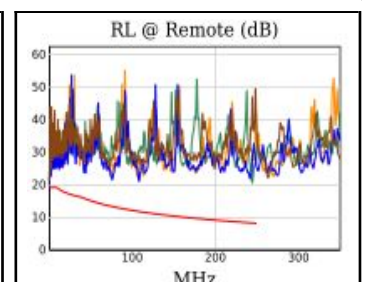
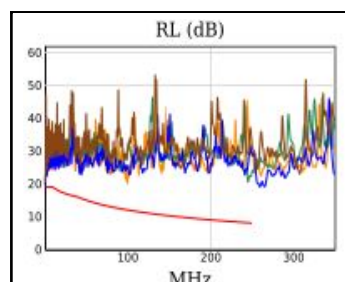
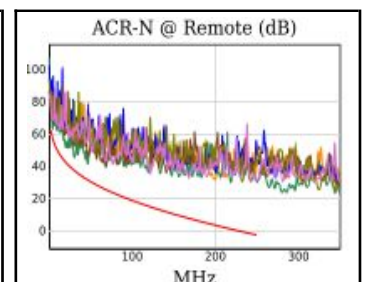
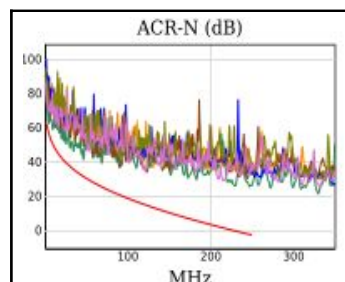
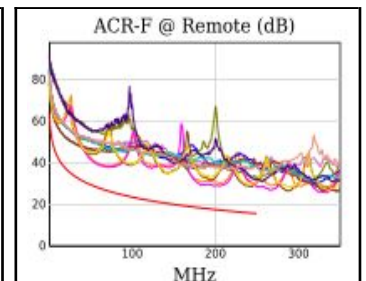
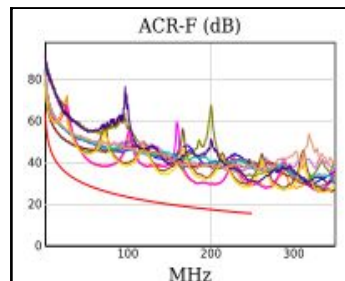
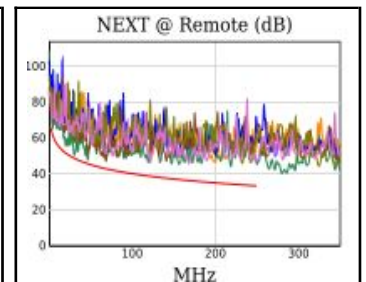
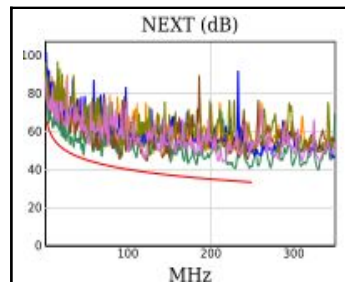
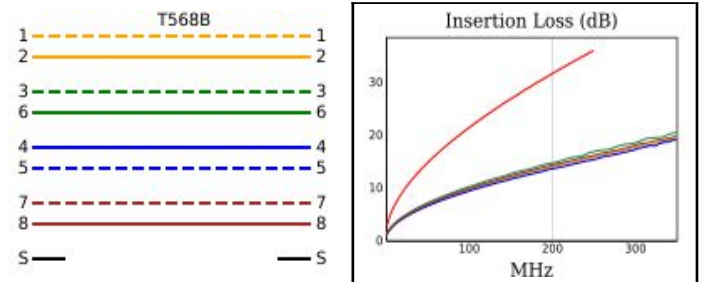
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	4,5	1,2	3,6
RL (dB)	5.6	6.0	7.9	12.1
Freq. (MHz)	12.8	12.9	100.0	245.0
Limit (dB)	18.5	18.5	12.0	8.1

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-AUD5

Date / Time: 06/18/2025 12:29:13 AM

Headroom: 1.7 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: 2112 19th Street East 6 - AMC

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]	140
Prop. Delay (ns), Limit 555	[Pair 3,6]	224
Delay Skew (ns), Limit 50	[Pair 3,6]	17
Resistance (ohms)	[Pair 3,6]	7.4
Insertion Loss Margin (dB)	[Pair 3,6]	22.3
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	1,2-3,6
NEXT (dB)	1.7	1.9	7.5	10.4
Freq. (MHz)	5.5	5.4	241.0	218.5
Limit (dB)	60.8	61.0	33.4	34.1
Worst Pair	4,5	4,5	4,5	1,2
PS NEXT (dB)	3.8	4.1	9.1	10.7
Freq. (MHz)	5.8	5.5	241.0	218.0
Limit (dB)	58.0	58.3	30.4	31.2

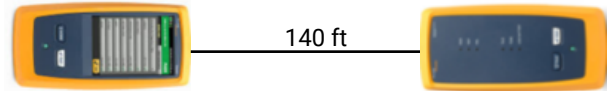
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-1,2	1,2-3,6	1,2-3,6
ACR-F (dB)	11.0	11.1	11.4	11.3
Freq. (MHz)	5.8	5.8	240.5	250.0
Limit (dB)	48.1	48.1	15.6	15.3
Worst Pair	3,6	1,2	3,6	3,6
PS ACR-F (dB)	11.5	12.7	11.6	12.9
Freq. (MHz)	234.5	158.5	235.0	250.0
Limit (dB)	12.9	16.3	12.8	12.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-4,5	1,2-4,5	1,2-3,6
ACR-N (dB)	4.7	4.8	30.5	31.0
Freq. (MHz)	5.5	5.1	241.0	218.5
Limit (dB)	56.1	56.8	-1.8	0.9
Worst Pair	4,5	4,5	4,5	1,2
PS ACR-N (dB)	6.8	7.1	32.0	32.2
Freq. (MHz)	5.5	5.5	241.0	218.0
Limit (dB)	53.6	53.6	-4.7	-2.0

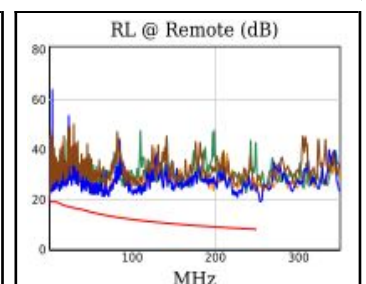
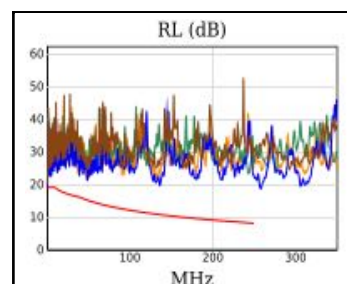
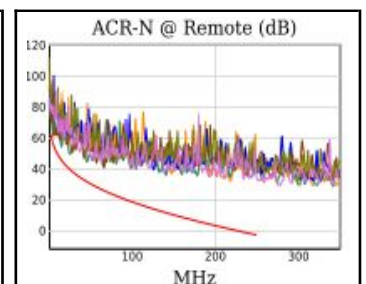
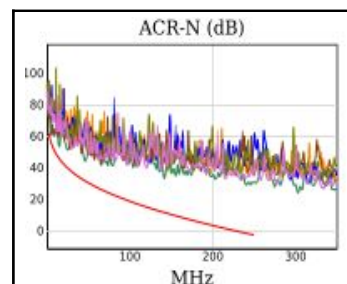
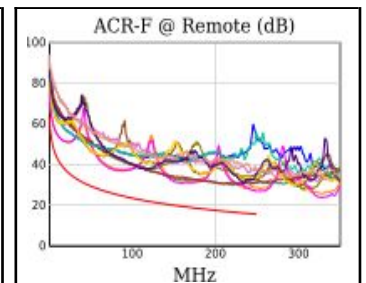
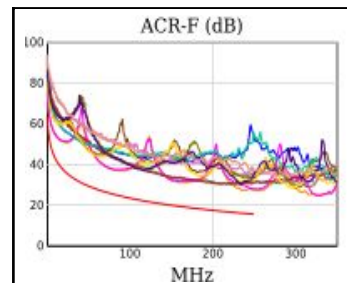
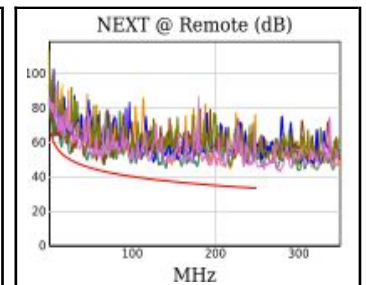
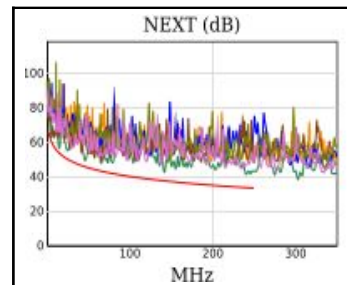
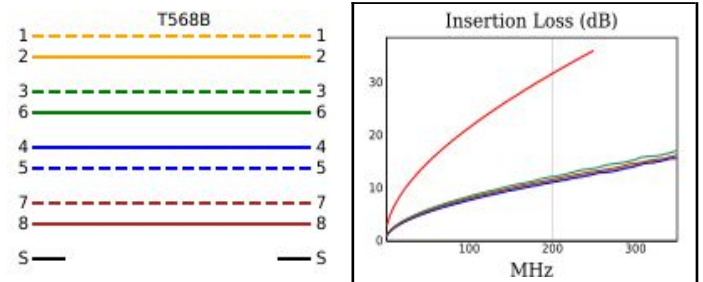
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	4,5	4,5	4,5
RL (dB)	6.0	6.9	8.9	12.2
Freq. (MHz)	49.5	40.0	137.0	227.0
Limit (dB)	15.1	16.0	10.6	8.4

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: 06/18/2025 01:12:38 AM

Headroom: 1.1 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: 2112 19th Street East 6 - AMC

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]	138
Prop. Delay (ns), Limit 555	[Pair 3,6]	221
Delay Skew (ns), Limit 50	[Pair 3,6]	17
Resistance (ohms)	[Pair 3,6]	7.7
Insertion Loss Margin (dB)	[Pair 3,6]	22.5
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	3,6-4,5	3,6-4,5	4,5-7,8	1,2-4,5
NEXT (dB)	2.2	1.1	8.3	9.1
Freq. (MHz)	53.8	24.5	200.5	233.0
Limit (dB)	44.5	50.2	34.8	33.6
Worst Pair	4,5	4,5	4,5	4,5
PS NEXT (dB)	3.1	3.4	7.2	10.7
Freq. (MHz)	53.8	24.6	130.5	233.5
Limit (dB)	41.7	47.5	35.1	30.7

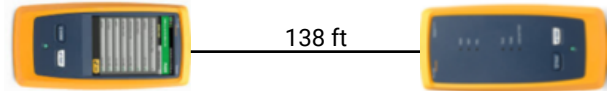
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-1,2	1,2-4,5	1,2-3,6	1,2-3,6
ACR-F (dB)	8.7	8.7	11.0	10.8
Freq. (MHz)	1.4	1.4	250.0	250.0
Limit (dB)	60.5	60.5	15.3	15.3
Worst Pair	1,2	1,2	3,6	3,6
PS ACR-F (dB)	10.2	10.4	11.9	12.1
Freq. (MHz)	1.4	1.5	247.5	250.0
Limit (dB)	57.5	56.7	12.4	12.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-4,5	4,5-7,8	1,2-4,5
ACR-N (dB)	6.8	6.6	28.5	31.7
Freq. (MHz)	5.6	6.1	200.5	233.0
Limit (dB)	55.9	55.1	3.2	-0.8
Worst Pair	4,5	4,5	1,2	4,5
PS ACR-N (dB)	7.8	7.3	36.0	33.4
Freq. (MHz)	6.1	6.1	249.0	233.5
Limit (dB)	52.6	52.6	-5.7	-3.8

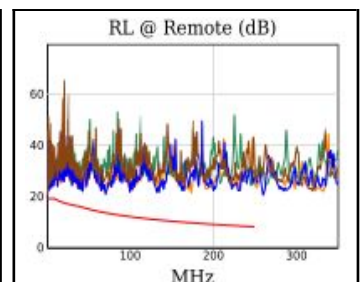
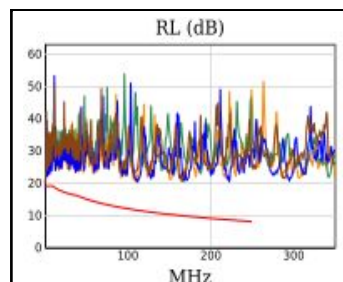
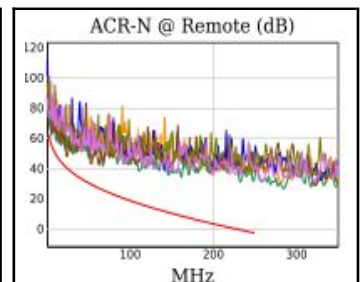
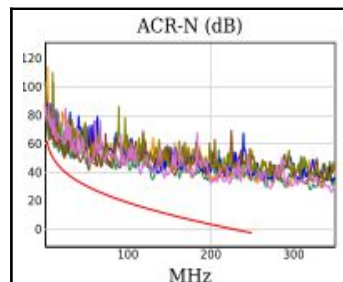
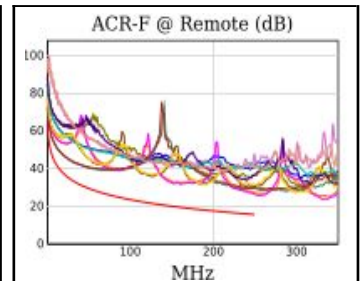
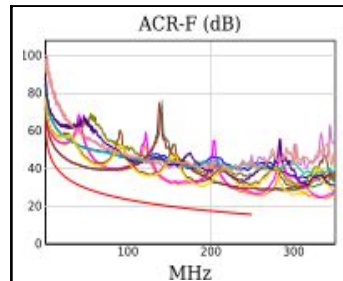
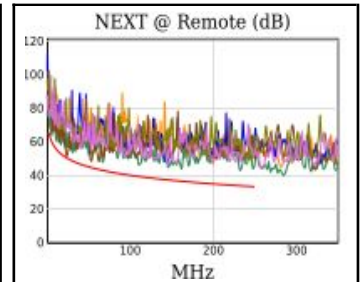
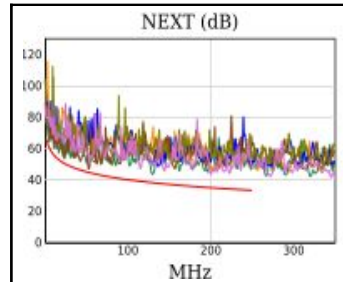
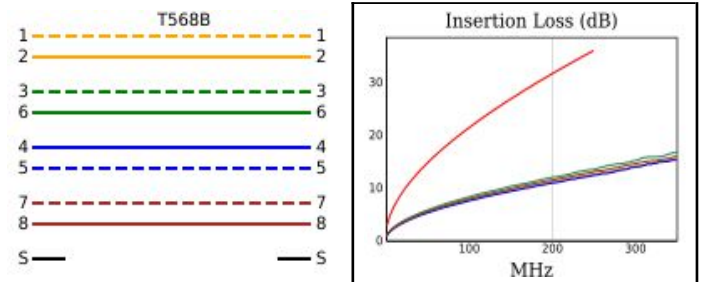
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	4,5	4,5	4,5
RL (dB)	6.0	6.2	8.7	7.2
Freq. (MHz)	17.8	43.5	112.0	71.0
Limit (dB)	17.8	15.6	11.5	13.5

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: PB01

Date / Time: 06/17/2025 09:19:24 PM

Headroom: 7.6 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: 2112 19th Street East 6 - AMC

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]	48
Prop. Delay (ns), Limit 555	[Pair 3,6]	76
Delay Skew (ns), Limit 50	[Pair 3,6]	6
Resistance (ohms)	[Pair 3,6]	3.6
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	1,2-4,5	1,2-4,5	1,2-4,5
NEXT (dB)	7.6	8.2	8.8	8.2
Freq. (MHz)	58.5	207.5	207.0	207.5
Limit (dB)	43.9	34.5	34.5	34.5
Worst Pair	4,5	4,5	1,2	1,2
PS NEXT (dB)	9.2	9.8	11.2	10.1
Freq. (MHz)	57.8	58.5	206.5	206.5
Limit (dB)	41.2	41.1	31.6	31.6

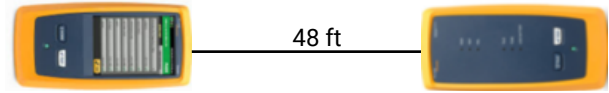
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-F (dB)	10.4	10.1	10.8	10.7
Freq. (MHz)	234.0	234.0	249.5	249.5
Limit (dB)	15.9	15.9	15.3	15.3
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	12.4	12.0	12.9	12.7
Freq. (MHz)	233.5	227.0	249.5	249.5
Limit (dB)	12.9	13.1	12.3	12.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	3,6-4,5	1,2-4,5	1,2-4,5
ACR-N (dB)	20.2	17.4	37.1	36.6
Freq. (MHz)	5.9	5.5	207.0	207.5
Limit (dB)	55.5	56.1	2.4	2.3
Worst Pair	4,5	4,5	1,2	1,2
PS ACR-N (dB)	19.7	16.7	43.6	38.2
Freq. (MHz)	5.8	5.5	243.5	206.5
Limit (dB)	53.2	53.6	-5.0	-0.5

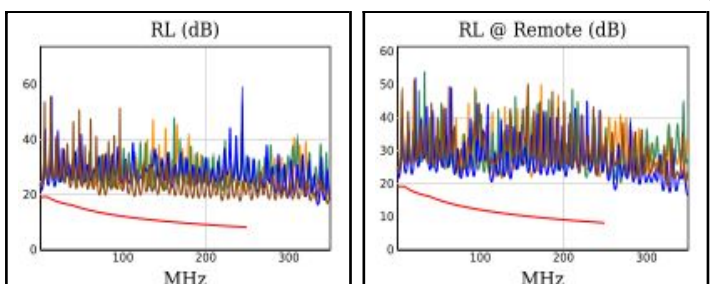
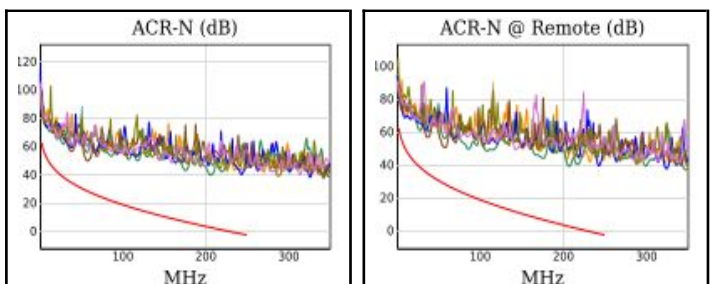
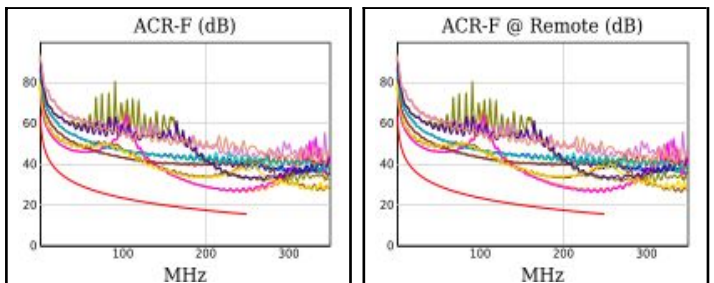
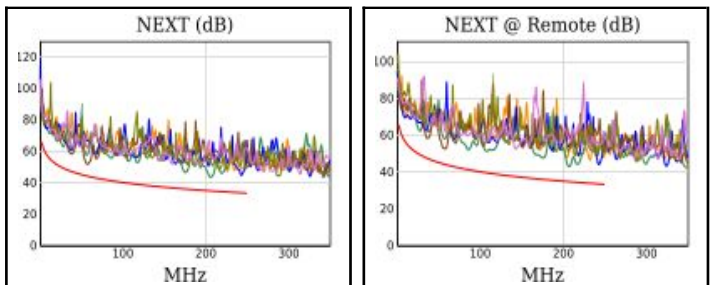
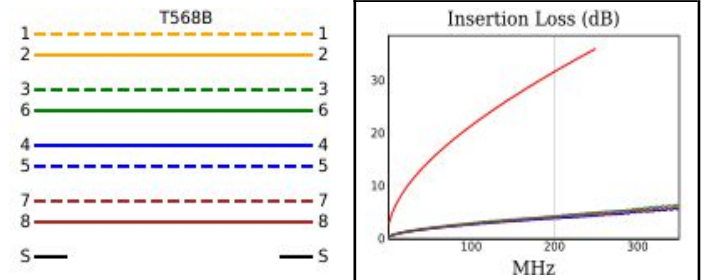
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	7,8	4,5
RL (dB)	7.8	10.4	9.3	10.7
Freq. (MHz)	114.5	127.0	242.0	137.0
Limit (dB)	11.4	11.0	8.2	10.6

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: PB02

Date / Time: 06/17/2025 09:20:16 PM

Headroom: 9.9 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: 2112 19th Street East 6 - AMC

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 1,2]	52
Prop. Delay (ns), Limit 555	[Pair 4,5]	79
Delay Skew (ns), Limit 50	[Pair 4,5]	3
Resistance (ohms)	[Pair 3,6]	3.0
Insertion Loss Margin (dB)	[Pair 7,8]	30.3
Frequency (MHz)	[Pair 7,8]	244.5
Limit (dB)	[Pair 7,8]	35.5

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	3,6-7,8
NEXT (dB)	12.5	9.9	12.5	10.0
Freq. (MHz)	213.5	211.5	213.5	212.0
Limit (dB)	34.3	34.4	34.3	34.3
Worst Pair	3,6	7,8	3,6	7,8
PS NEXT (dB)	14.2	12.5	14.5	12.5
Freq. (MHz)	213.5	211.5	225.0	211.5
Limit (dB)	31.4	31.4	31.0	31.4

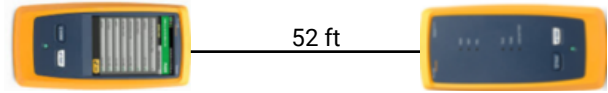
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-1,2	1,2-3,6	3,6-4,5	4,5-3,6
ACR-F (dB)	10.7	10.7	15.5	15.3
Freq. (MHz)	8.5	10.0	247.5	247.0
Limit (dB)	44.7	43.3	15.4	15.4
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	12.2	12.1	16.6	14.8
Freq. (MHz)	10.0	10.0	246.5	202.0
Limit (dB)	40.3	40.3	12.4	14.1

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	1,2-3,6	3,6-7,8	3,6-7,8
ACR-N (dB)	18.5	17.5	44.5	38.2
Freq. (MHz)	3.0	2.8	244.5	212.0
Limit (dB)	61.5	61.6	-2.2	1.7
Worst Pair	3,6	3,6	3,6	7,8
PS ACR-N (dB)	19.8	18.3	43.7	40.7
Freq. (MHz)	5.3	5.3	225.0	211.5
Limit (dB)	54.0	54.0	-2.8	-1.2

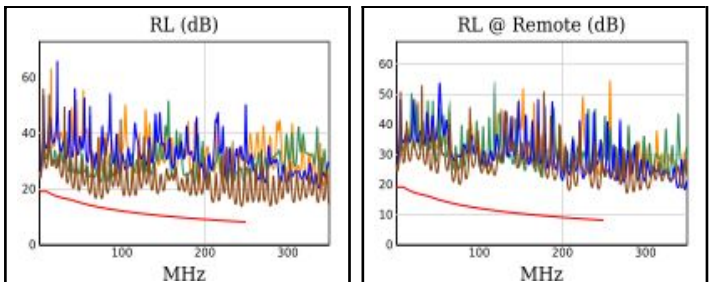
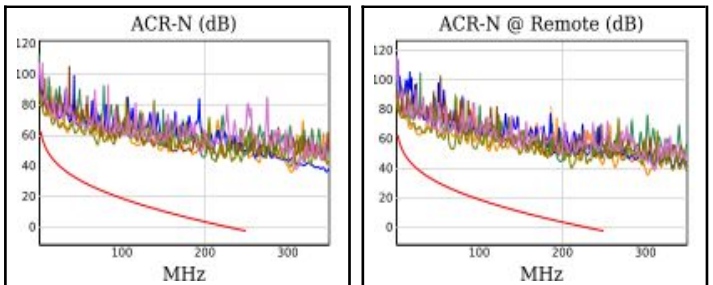
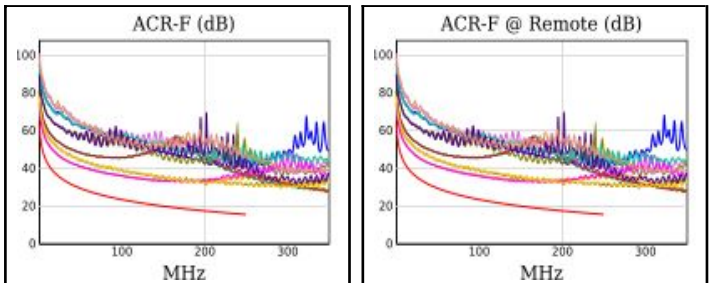
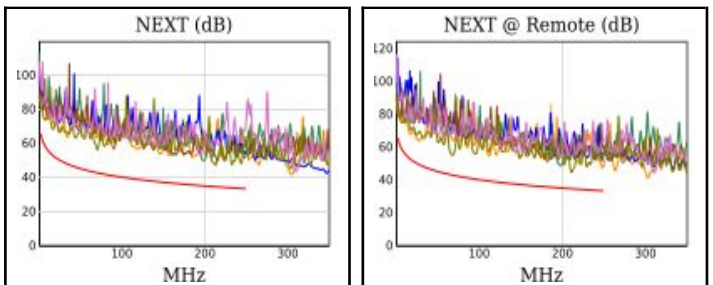
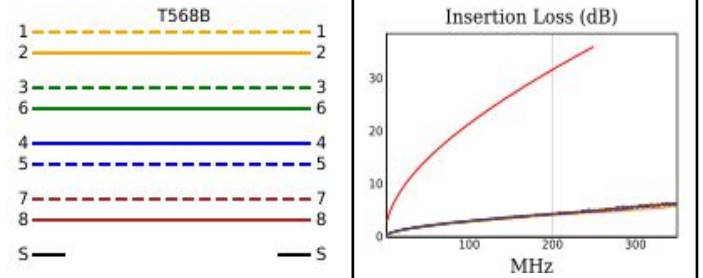
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	7,8	7,8
RL (dB)	5.5	9.2	5.5	9.2
Freq. (MHz)	245.0	209.0	245.0	209.0
Limit (dB)	8.1	8.8	8.1	8.8

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		



PASS





Cable ID: PB03

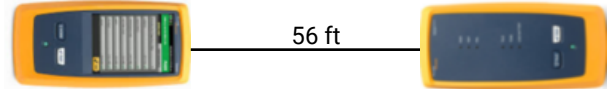
Date / Time: 06/17/2025 09:21:01 PM
 Headroom: 9.2 dB (NEXT)
 Test Limit: TIA Cat 6 Channel
 Cable Type: Cat 6 U/UTP
 NVP: 69.0%
 Project: 2112 19th Street East 6 - AMC

Software Version: V6.12 Build 2
 Calibration Date:
 Main (Module): 10/31/2022
 Remote (Module): 10/31/2022

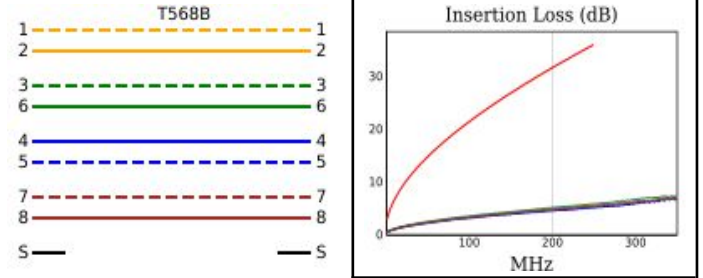
Model: DSX-8000
 Main S/N: 1927408
 Remote S/N: 1927404
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 4,5]	56
Prop. Delay (ns), Limit 555	[Pair 3,6]	90
Delay Skew (ns), Limit 50	[Pair 3,6]	7
Resistance (ohms)	[Pair 3,6]	4.1
Insertion Loss Margin (dB)	[Pair 3,6]	30.1
Frequency (MHz)	[Pair 3,6]	249.0
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	1,2-3,6	4,5-7,8
NEXT (dB)	9.2	9.4	12.6	11.7
Freq. (MHz)	125.5	65.0	239.0	233.5
Limit (dB)	38.2	43.1	33.5	33.6
Worst Pair	4,5	4,5	1,2	4,5
PS NEXT (dB)	9.9	9.5	12.2	13.5
Freq. (MHz)	63.5	65.0	228.5	232.5
Limit (dB)	40.5	40.3	30.8	30.7

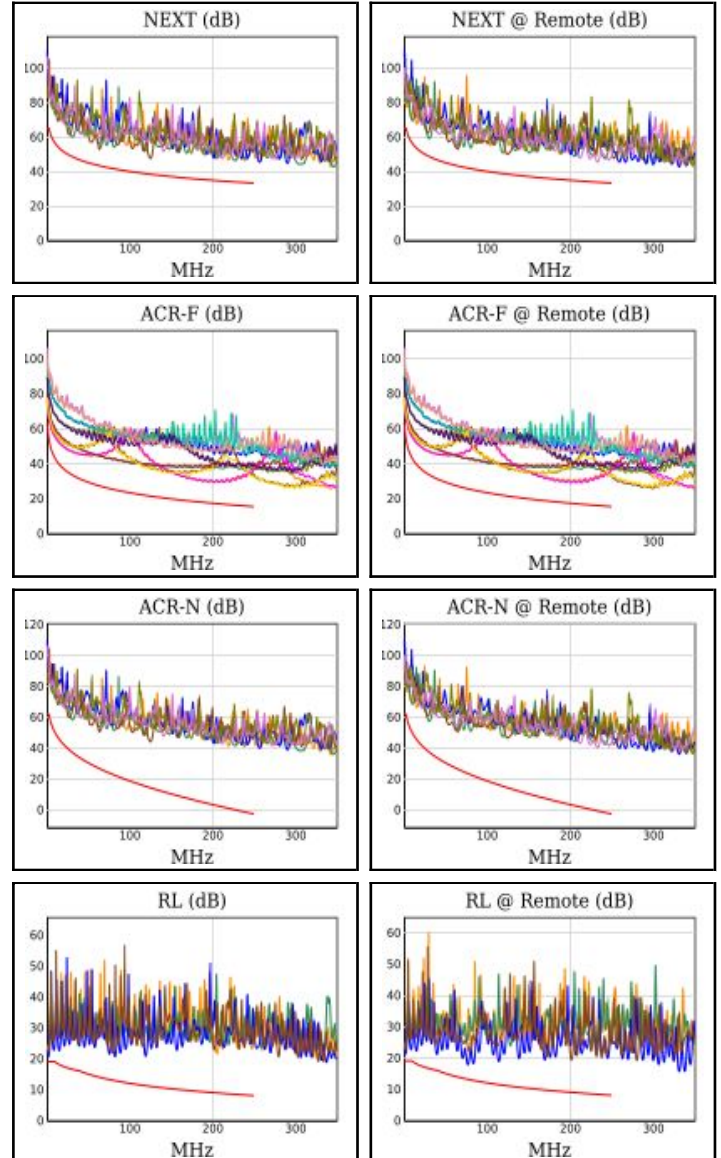
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-F (dB)	12.0	11.7	12.0	12.3
Freq. (MHz)	202.5	201.5	202.5	214.5
Limit (dB)	17.1	17.2	17.1	16.6
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	12.6	12.6	14.3	14.2
Freq. (MHz)	8.5	8.8	203.0	202.0
Limit (dB)	41.7	41.4	14.1	14.1

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	4,5-7,8
ACR-N (dB)	20.2	16.4	42.0	41.0
Freq. (MHz)	2.1	3.1	239.0	233.5
Limit (dB)	62.0	61.2	-1.5	-0.9
Worst Pair	3,6	1,2	1,2	4,5
PS ACR-N (dB)	20.8	17.3	41.1	43.0
Freq. (MHz)	2.1	3.4	228.5	232.5
Limit (dB)	59.0	58.0	-3.2	-3.7

PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	4,5	4,5	4,5
RL (dB)	9.5	7.3	9.5	7.3
Freq. (MHz)	119.5	114.5	119.5	114.5
Limit (dB)	11.2	11.4	11.2	11.4

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: PB04

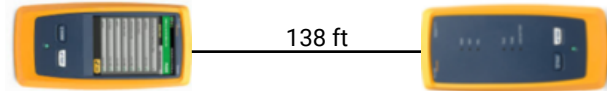
Date / Time: 06/18/2025 01:12:51 AM
 Headroom: 1 dB (NEXT)
 Test Limit: TIA Cat 6 Channel
 Cable Type: Cat 6 U/UTP
 NVP: 69.0%
 Project: 2112 19th Street East 6 - AMC

Software Version: V6.12 Build 2
 Calibration Date:
 Main (Module): 10/31/2022
 Remote (Module): 10/31/2022

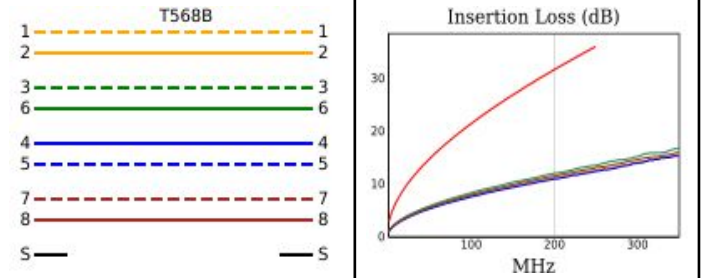
Model: DSX-8000
 Main S/N: 1927408
 Remote S/N: 1927404
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 4,5]	138
Prop. Delay (ns), Limit 555	[Pair 3,6]	221
Delay Skew (ns), Limit 50	[Pair 3,6]	17
Resistance (ohms)	[Pair 3,6]	7.6
Insertion Loss Margin (dB)	[Pair 3,6]	22.5
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	4,5-7,8	1,2-4,5
NEXT (dB)	2.1	1.0	8.3	9.1
Freq. (MHz)	53.5	24.4	200.5	233.0
Limit (dB)	44.5	50.2	34.8	33.6
Worst Pair	4,5	4,5	4,5	4,5
PS NEXT (dB)	3.1	3.4	7.3	10.7
Freq. (MHz)	53.8	24.6	131.0	233.5
Limit (dB)	41.7	47.5	35.0	30.7

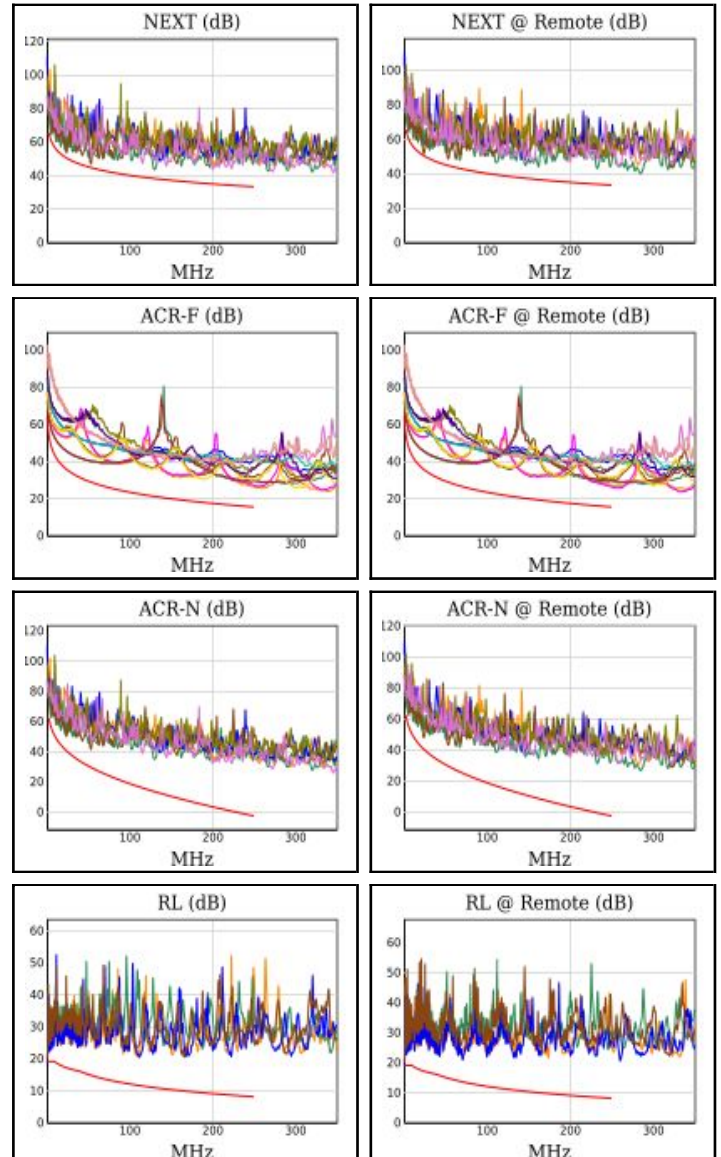
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-1,2	1,2-4,5	1,2-3,6	1,2-3,6
ACR-F (dB)	8.8	8.8	11.0	10.8
Freq. (MHz)	1.8	1.8	250.0	250.0
Limit (dB)	58.4	58.4	15.3	15.3
Worst Pair	1,2	1,2	3,6	3,6
PS ACR-F (dB)	10.3	10.1	11.9	12.1
Freq. (MHz)	1.5	1.0	247.5	250.0
Limit (dB)	56.7	60.3	12.4	12.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-4,5	4,5-7,8	1,2-4,5
ACR-N (dB)	6.8	6.6	28.5	31.7
Freq. (MHz)	5.8	5.9	200.5	233.0
Limit (dB)	55.7	55.5	3.2	-0.8
Worst Pair	4,5	4,5	1,2	4,5
PS ACR-N (dB)	7.8	7.5	35.9	33.4
Freq. (MHz)	6.1	6.1	249.0	233.5
Limit (dB)	52.6	52.6	-5.7	-3.8

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	4,5	1,2	4,5
RL (dB)	6.1	6.2	8.7	7.3
Freq. (MHz)	17.8	43.5	110.0	71.3
Limit (dB)	17.8	15.6	11.6	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		





Cable ID: PB05

Date / Time: 06/17/2025 11:33:39 PM

Headroom: 3.6 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: 2112 19th Street East 6 - AMC

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]	173
Prop. Delay (ns), Limit 555	[Pair 3,6]	276
Delay Skew (ns), Limit 50	[Pair 3,6]	21
Resistance (ohms)	[Pair 3,6]	8.9
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	3,6-4,5	3,6-4,5	4,5-7,8	1,2-4,5
NEXT (dB)	3.6	5.4	9.6	10.7
Freq. (MHz)	81.3	67.3	247.5	221.0
Limit (dB)	41.5	42.8	33.2	34.0
Worst Pair	3,6	4,5	4,5	4,5
PS NEXT (dB)	6.3	7.7	10.8	12.2
Freq. (MHz)	81.3	67.5	247.5	221.0
Limit (dB)	38.6	40.0	30.2	31.1

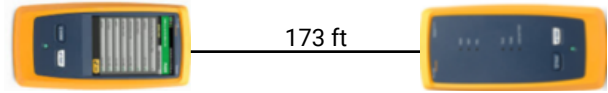
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-1,2	1,2-3,6	1,2-3,6	1,2-3,6
ACR-F (dB)	10.4	10.2	10.8	10.8
Freq. (MHz)	177.5	179.5	239.0	244.5
Limit (dB)	18.3	18.2	15.7	15.5
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	11.9	11.5	11.9	11.6
Freq. (MHz)	237.5	234.5	237.5	235.5
Limit (dB)	12.7	12.9	12.7	12.8

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	3,6-4,5	4,5-7,8	1,2-7,8
ACR-N (dB)	10.0	11.0	29.1	32.1
Freq. (MHz)	10.4	6.5	247.5	245.5
Limit (dB)	49.9	54.5	-2.5	-2.3
Worst Pair	1,2	4,5	4,5	7,8
PS ACR-N (dB)	11.8	12.8	31.1	34.0
Freq. (MHz)	10.0	10.0	247.5	250.0
Limit (dB)	47.7	47.7	-5.5	-5.8

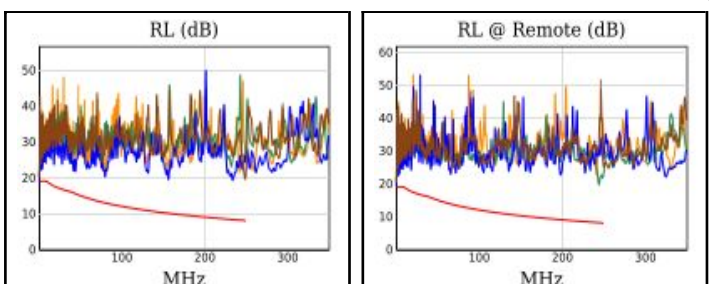
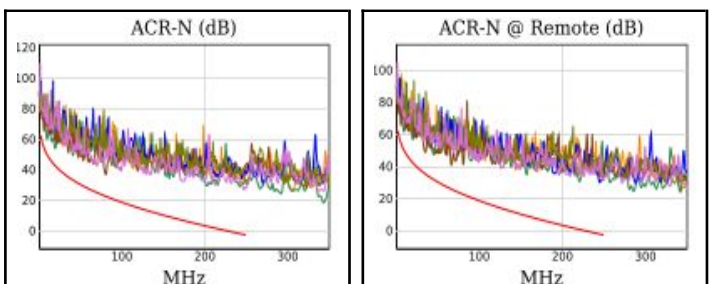
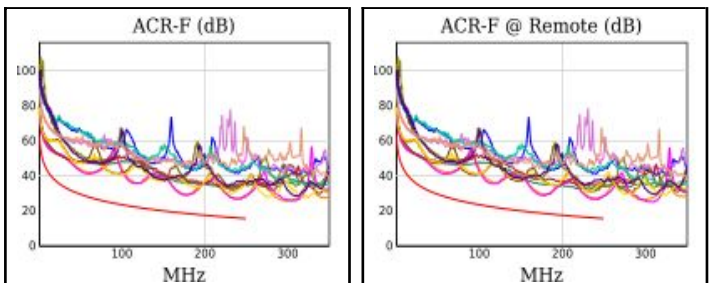
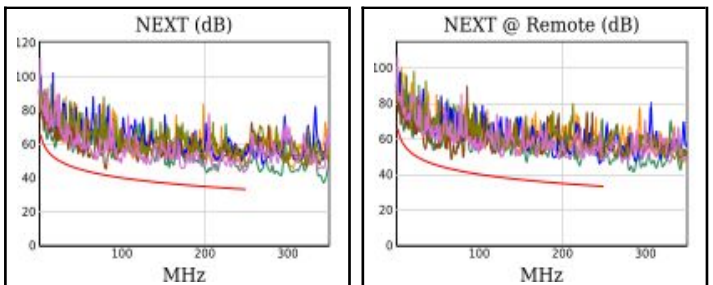
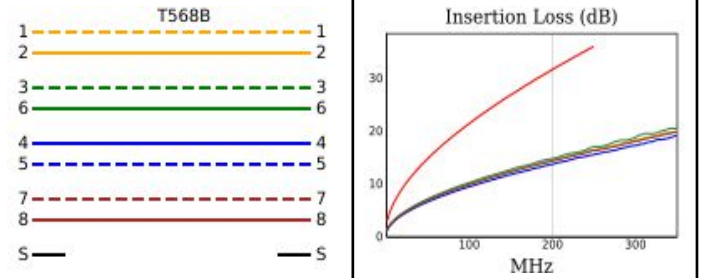
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	4,5	4,5	3,6
RL (dB)	6.0	6.4	10.8	11.4
Freq. (MHz)	18.8	18.9	234.0	244.5
Limit (dB)	17.6	17.6	8.3	8.1

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: 06/17/2025 09:23:53 PM

Headroom: 3.5 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: 2112 19th Street East 6 - AMC

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]	190
Delay Skew (ns), Limit 50	[Pair 3,6]	14
Resistance (ohms)	[Pair 3,6]	6.8
Insertion Loss Margin (dB)	[Pair 3,6]	24.3
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	1,2-4,5	4,5-7,8
NEXT (dB)	4.6	3.5	9.1	6.4
Freq. (MHz)	63.0	64.0	217.5	121.5
Limit (dB)	43.3	43.2	34.2	38.5
Worst Pair	4,5	4,5	1,2	1,2
PS NEXT (dB)	5.7	4.5	11.5	11.8
Freq. (MHz)	63.0	63.0	217.5	208.5
Limit (dB)	40.5	40.5	31.2	31.5

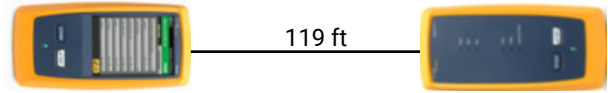
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-4,5	4,5-1,2
ACR-F (dB)	11.8	11.8	13.2	12.9
Freq. (MHz)	3.5	6.4	250.0	248.5
Limit (dB)	52.4	47.2	15.3	15.4
Worst Pair	1,2	1,2	3,6	3,6
PS ACR-F (dB)	12.2	12.0	13.7	13.4
Freq. (MHz)	2.6	8.0	220.0	215.0
Limit (dB)	51.9	42.2	13.4	13.6

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-4,5	1,2-4,5	3,6-4,5
ACR-N (dB)	8.7	6.8	32.5	35.0
Freq. (MHz)	3.4	3.3	217.5	223.0
Limit (dB)	60.5	60.9	1.0	0.4
Worst Pair	4,5	4,5	1,2	3,6
PS ACR-N (dB)	10.2	9.0	34.7	35.7
Freq. (MHz)	3.4	4.0	217.5	223.0
Limit (dB)	58.0	56.5	-1.9	-2.6

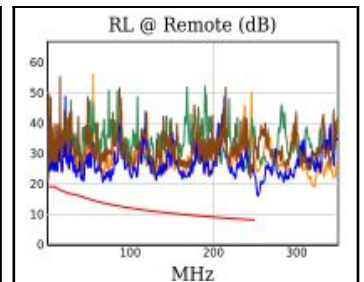
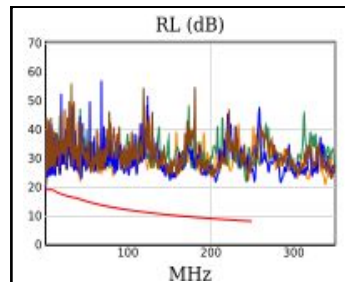
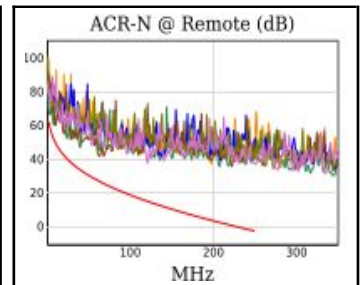
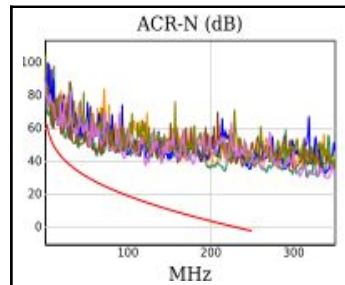
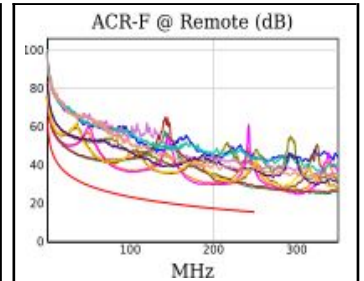
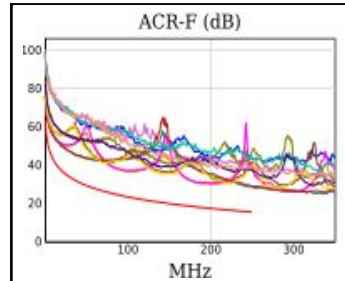
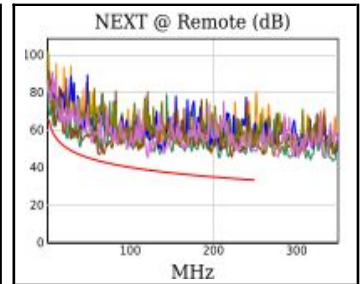
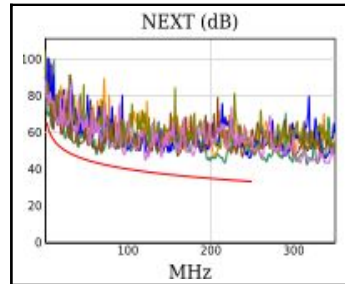
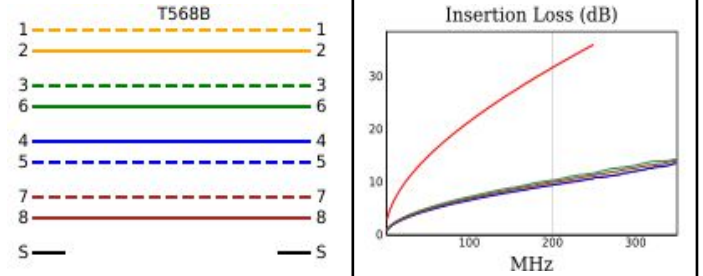
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	4,5	4,5	4,5
RL (dB)	6.2	5.2	12.7	6.8
Freq. (MHz)	43.5	44.5	206.5	68.0
Limit (dB)	15.6	15.5	8.9	13.7

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: 06/17/2025 09:16:11 PM

Headroom: 8.6 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: 2112 19th Street East 6 - AMC

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]	48
Prop. Delay (ns), Limit 555	[Pair 3,6]	77
Delay Skew (ns), Limit 50	[Pair 3,6]	6
Resistance (ohms)	[Pair 3,6]	3.6
Insertion Loss Margin (dB)	[Pair 3,6]	30.7
Frequency (MHz)	[Pair 3,6]	247.0
Limit (dB)	[Pair 3,6]	35.7

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	3,6-4,5	1,2-4,5	1,2-3,6
NEXT (dB)	8.6	10.1	8.6	10.4
Freq. (MHz)	231.0	31.0	231.0	241.5
Limit (dB)	33.7	48.5	33.7	33.4
Worst Pair	1,2	1,2	1,2	1,2
PS NEXT (dB)	10.3	10.7	10.3	10.7
Freq. (MHz)	232.5	231.5	232.5	231.5
Limit (dB)	30.7	30.7	30.7	30.7

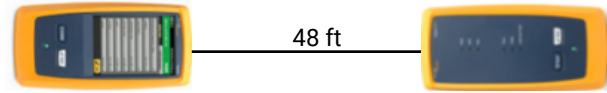
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-F (dB)	10.6	10.6	10.6	10.8
Freq. (MHz)	241.0	225.5	241.0	241.0
Limit (dB)	15.6	16.2	15.6	15.6
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	12.4	12.0	12.5	12.4
Freq. (MHz)	233.0	226.5	241.5	241.0
Limit (dB)	12.9	13.2	12.6	12.6

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	1,2-4,5	1,2-3,6
ACR-N (dB)	18.4	19.3	38.8	40.8
Freq. (MHz)	5.8	5.6	231.0	241.5
Limit (dB)	55.7	55.9	-0.6	-1.8
Worst Pair	3,6	1,2	1,2	1,2
PS ACR-N (dB)	19.0	18.9	40.3	40.7
Freq. (MHz)	6.0	16.8	232.5	231.5
Limit (dB)	52.8	42.0	-3.7	-3.6

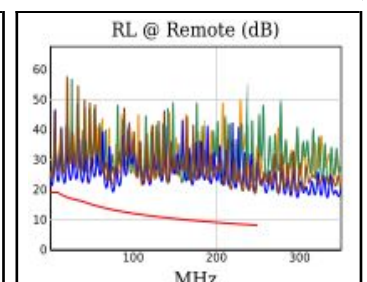
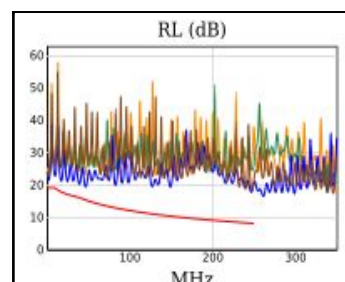
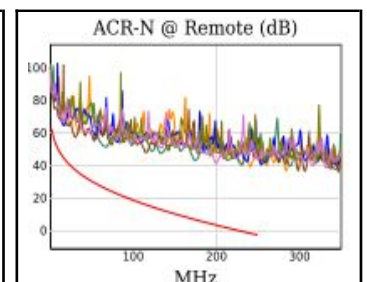
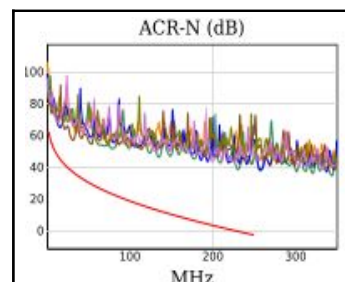
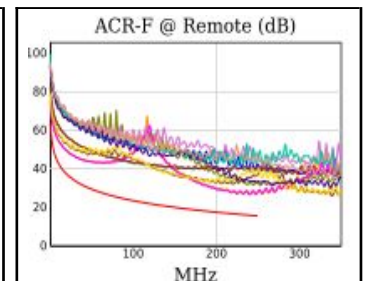
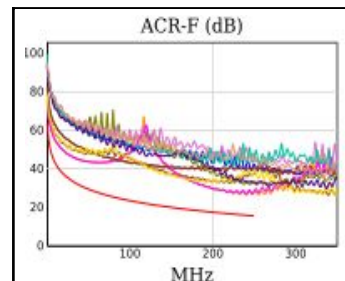
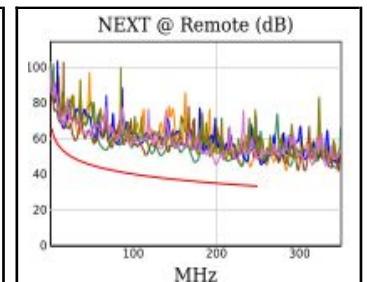
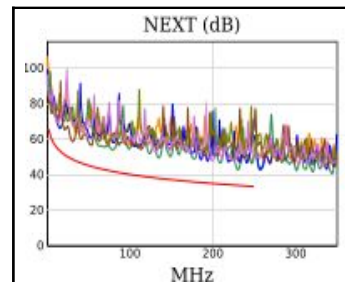
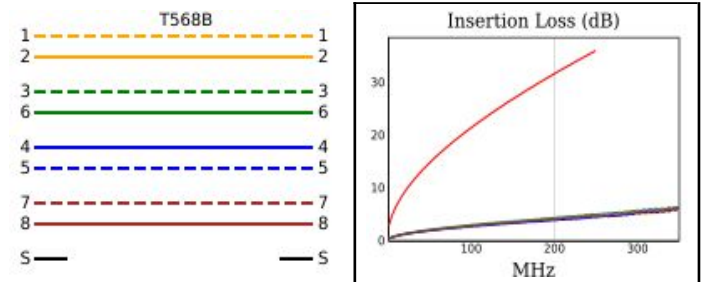
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	7,8	4,5	7,8
RL (dB)	8.5	10.5	9.5	10.5
Freq. (MHz)	128.0	247.5	247.0	247.5
Limit (dB)	10.9	8.1	8.1	8.1

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: S02

Date / Time: 06/17/2025 09:19:57 PM
 Headroom: 11.8 dB (NEXT)
 Test Limit: TIA Cat 6 Channel
 Cable Type: Cat 6 U/UTP
 NVP: 69.0%
 Project: 2112 19th Street East 6 - AMC

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]	52
Prop. Delay (ns), Limit 555	[Pair 4,5]	79
Delay Skew (ns), Limit 50	[Pair 4,5]	3
Resistance (ohms)	[Pair 3,6]	3.1
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	3,6-7,8	3,6-7,8	3,6-7,8	3,6-7,8
NEXT (dB)	12.0	11.8	14.7	11.8
Freq. (MHz)	37.8	250.0	247.0	250.0
Limit (dB)	47.0	33.1	33.2	33.1
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	13.7	13.4	16.2	13.4
Freq. (MHz)	6.4	250.0	247.5	250.0
Limit (dB)	57.2	30.2	30.2	30.2

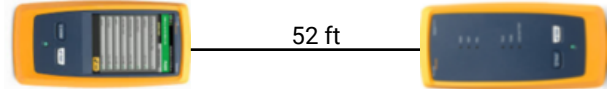
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	3,6-4,5	4,5-3,6
ACR-F (dB)	13.3	13.2	16.1	16.0
Freq. (MHz)	23.1	10.0	246.0	246.5
Limit (dB)	36.0	43.3	15.4	15.4
Worst Pair	3,6	3,6	4,5	3,6
PS ACR-F (dB)	14.0	13.9	17.7	17.9
Freq. (MHz)	9.9	10.0	246.0	239.5
Limit (dB)	40.4	40.3	12.4	12.7

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	3,6-7,8	3,6-7,8
ACR-N (dB)	18.4	20.3	45.6	42.7
Freq. (MHz)	6.8	2.6	247.0	250.0
Limit (dB)	54.2	61.7	-2.5	-2.8
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	17.8	20.4	46.9	44.4
Freq. (MHz)	5.8	5.5	247.5	250.0
Limit (dB)	53.2	53.6	-5.5	-5.8

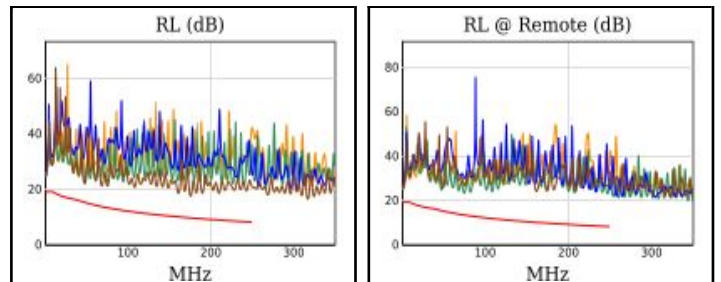
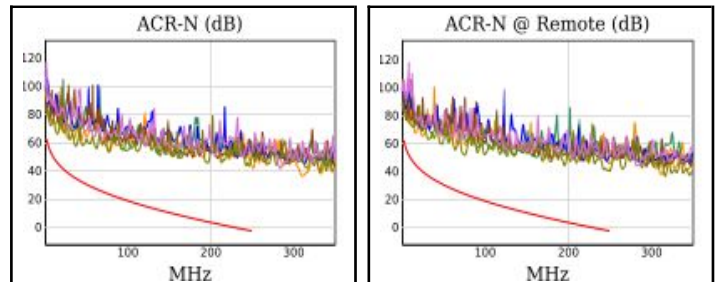
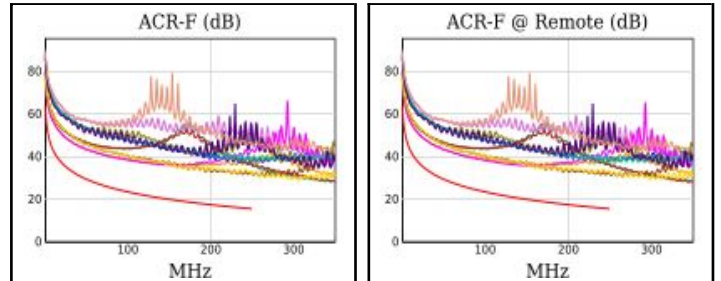
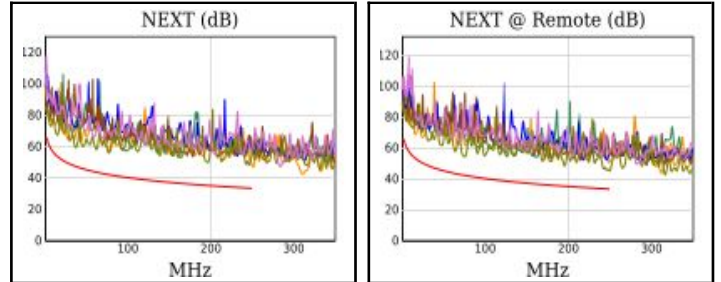
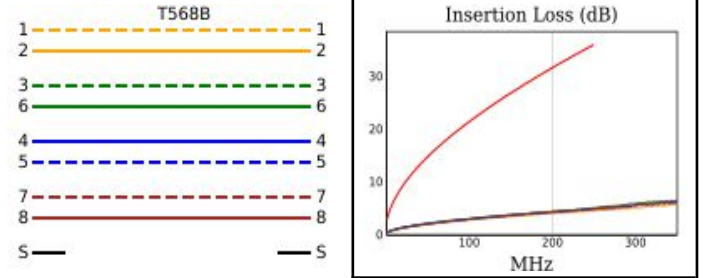
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	3,6	7,8	3,6
RL (dB)	7.8	12.1	7.8	14.6
Freq. (MHz)	176.5	109.0	176.5	247.5
Limit (dB)	9.5	11.6	9.5	8.1

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: 06/17/2025 09:20:47 PM

Headroom: 7.4 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: 2112 19th Street East 6 - AMC

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]	57
Prop. Delay (ns), Limit 555	[Pair 3,6]	91
Delay Skew (ns), Limit 50	[Pair 3,6]	7
Resistance (ohms)	[Pair 3,6]	4.0
Insertion Loss Margin (dB)	[Pair 3,6]	30.2
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	3,6-4,5
NEXT (dB)	7.4	8.6	10.9	11.9
Freq. (MHz)	42.5	61.0	205.5	194.5
Limit (dB)	46.2	43.6	34.6	35.0
Worst Pair	4,5	3,6	3,6	7,8
PS NEXT (dB)	9.8	10.2	12.6	13.1
Freq. (MHz)	42.8	61.0	205.0	210.0
Limit (dB)	43.4	40.8	31.7	31.5

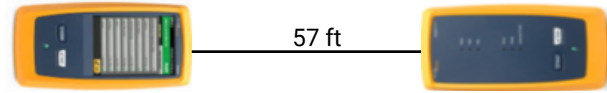
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-F (dB)	11.5	11.4	12.2	11.8
Freq. (MHz)	2.9	195.0	214.5	207.5
Limit (dB)	54.1	17.5	16.6	16.9
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	12.5	12.5	14.7	14.1
Freq. (MHz)	2.9	8.8	214.5	207.5
Limit (dB)	51.1	41.4	13.6	13.9

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-7,8	3,6-4,5
ACR-N (dB)	14.0	14.8	38.2	38.5
Freq. (MHz)	4.8	4.8	205.5	194.5
Limit (dB)	57.5	57.5	2.5	4.0
Worst Pair	3,6	3,6	3,6	1,2
PS ACR-N (dB)	16.1	16.4	39.6	43.3
Freq. (MHz)	4.8	4.4	205.5	232.0
Limit (dB)	54.9	55.7	-0.4	-3.7

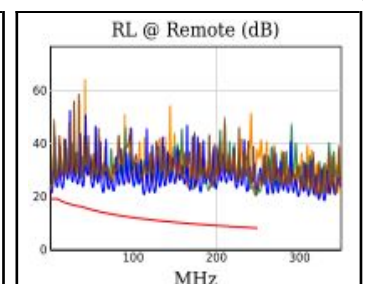
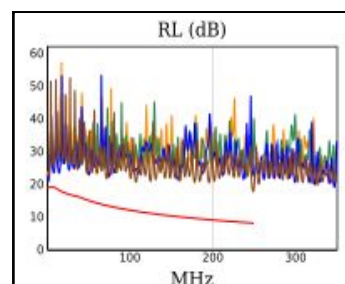
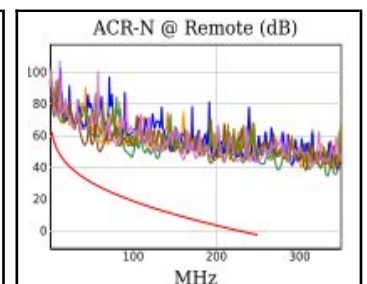
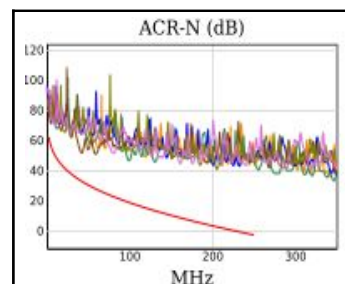
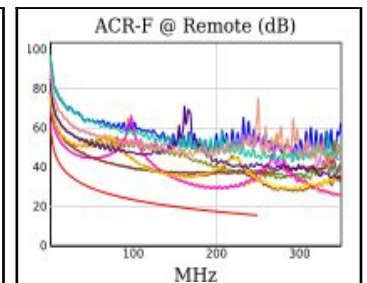
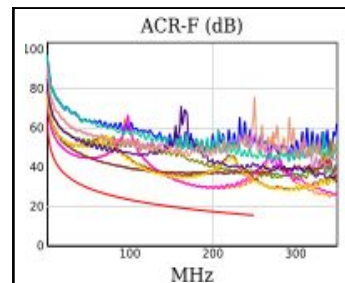
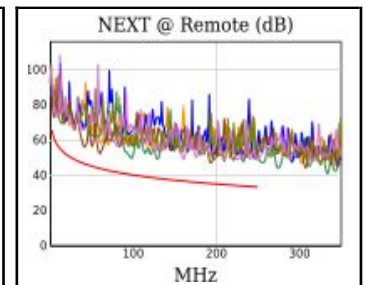
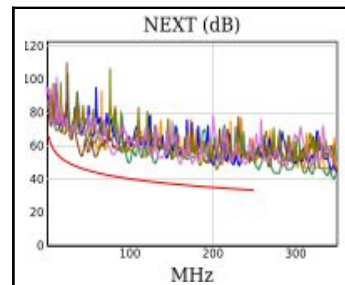
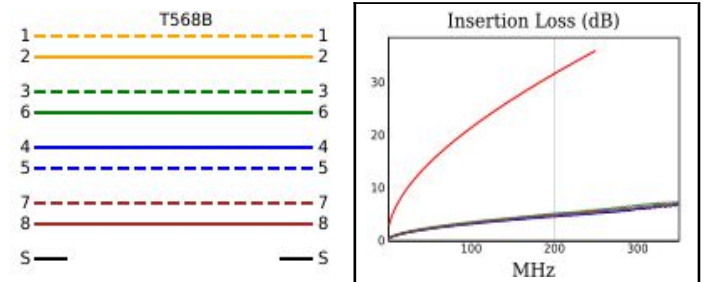
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	4,5	7,8	3,6
RL (dB)	8.7	9.1	9.6	12.3
Freq. (MHz)	108.0	113.5	249.5	247.5
Limit (dB)	11.7	11.5	8.0	8.1

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: S04

Date / Time: 06/17/2025 11:30:48 PM

Headroom: 2.5 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: 2112 19th Street East 6 - AMC

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]	175
Prop. Delay (ns), Limit 555	[Pair 3,6]	277
Delay Skew (ns), Limit 50	[Pair 3,6]	20
Resistance (ohms)	[Pair 3,6]	9.2
Insertion Loss Margin (dB)	[Pair 3,6]	18.6
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	3,6-4,5	3,6-7,8	1,2-4,5	3,6-7,8
NEXT (dB)	5.0	2.5	8.3	2.5
Freq. (MHz)	62.8	232.0	243.5	232.0
Limit (dB)	43.3	33.7	33.3	33.7
Worst Pair	4,5	3,6	4,5	3,6
PS NEXT (dB)	6.6	4.1	10.5	4.1
Freq. (MHz)	62.8	232.0	249.5	232.0
Limit (dB)	40.6	30.7	30.2	30.7

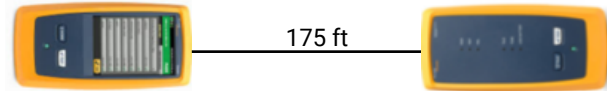
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-1,2	1,2-3,6	1,2-3,6	1,2-3,6
ACR-F (dB)	8.6	8.3	9.3	9.5
Freq. (MHz)	180.0	180.0	245.0	245.0
Limit (dB)	18.2	18.2	15.5	15.5
Worst Pair	1,2	1,2	3,6	3,6
PS ACR-F (dB)	9.7	9.7	9.7	9.9
Freq. (MHz)	1.4	1.0	242.5	245.0
Limit (dB)	57.5	60.3	12.6	12.5

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	1,2-4,5	3,6-7,8
ACR-N (dB)	8.4	7.0	28.2	21.4
Freq. (MHz)	5.1	5.5	244.0	232.0
Limit (dB)	56.8	56.1	-2.1	-0.7
Worst Pair	4,5	3,6	1,2	3,6
PS ACR-N (dB)	10.1	8.3	29.8	22.2
Freq. (MHz)	5.1	5.3	243.5	232.0
Limit (dB)	54.2	54.0	-5.0	-3.7

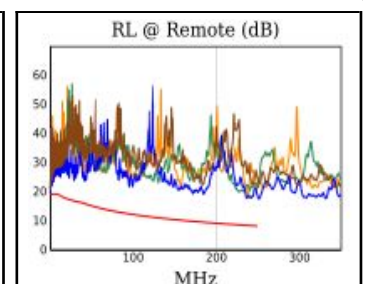
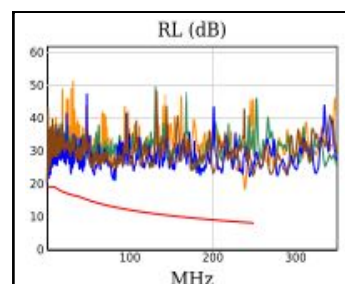
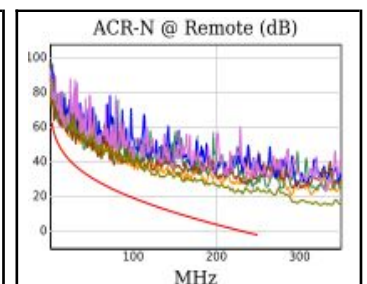
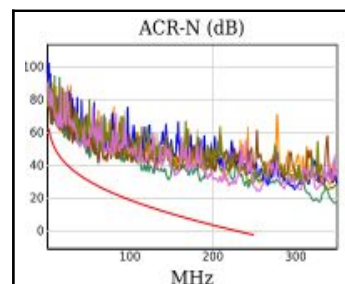
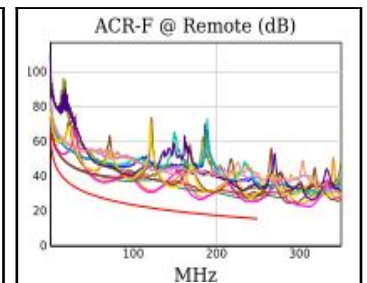
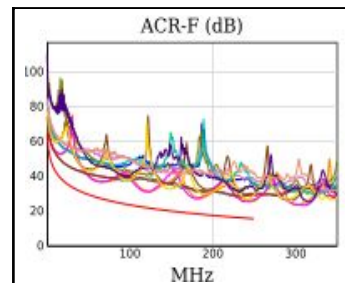
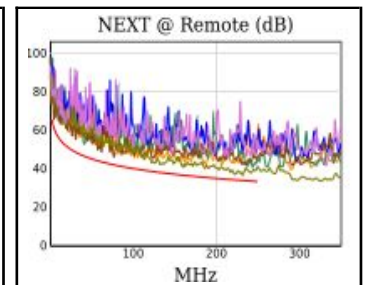
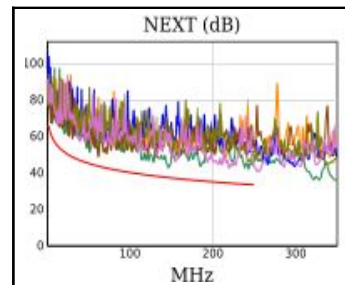
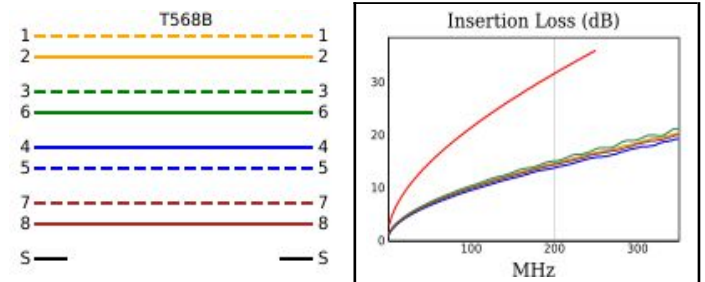
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	4,5	1,2	4,5
RL (dB)	6.3	6.3	9.9	9.3
Freq. (MHz)	29.6	13.1	239.5	242.5
Limit (dB)	16.6	18.4	8.2	8.2

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: S05

Date / Time: 06/18/2025 12:30:09 AM

Headroom: 3.6 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: 2112 19th Street East 6 - AMC

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]	140
Prop. Delay (ns), Limit 555	[Pair 3,6]	223
Delay Skew (ns), Limit 50	[Pair 3,6]	17
Resistance (ohms)	[Pair 3,6]	7.3
Insertion Loss Margin (dB)	[Pair 3,6]	22.0
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	1,2-4,5	1,2-4,5	1,2-4,5
NEXT (dB)	4.1	3.6	9.5	9.6
Freq. (MHz)	45.8	67.3	222.5	223.0
Limit (dB)	45.7	42.8	34.0	34.0
Worst Pair	4,5	4,5	1,2	1,2
PS NEXT (dB)	5.2	5.0	11.8	12.2
Freq. (MHz)	46.0	67.0	223.0	223.0
Limit (dB)	42.9	40.1	31.0	31.0

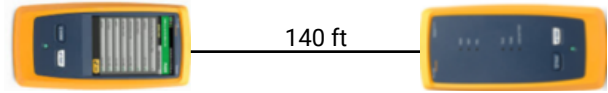
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-F (dB)	10.4	10.6	10.5	11.3
Freq. (MHz)	242.5	153.0	243.0	241.0
Limit (dB)	15.6	19.6	15.5	15.6
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	11.4	12.5	11.5	12.5
Freq. (MHz)	242.5	241.0	243.5	241.0
Limit (dB)	12.6	12.6	12.5	12.6

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)	8.5	10.1	31.3	31.4
Freq. (MHz)	8.9	8.9	222.5	223.0
Limit (dB)	51.5	51.5	0.4	0.4
Worst Pair	4,5	4,5	1,2	1,2
PS ACR-N (dB)	10.6	10.6	33.3	33.7
Freq. (MHz)	13.4	4.3	223.0	223.0
Limit (dB)	44.6	56.0	-2.6	-2.6

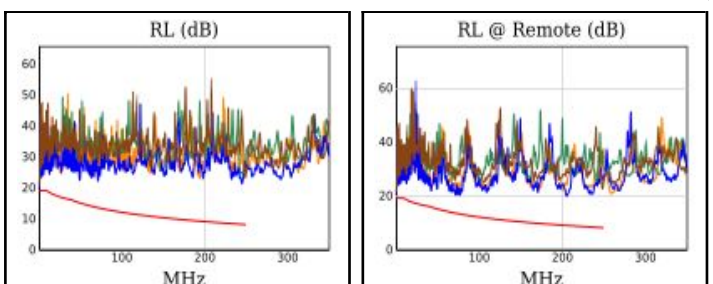
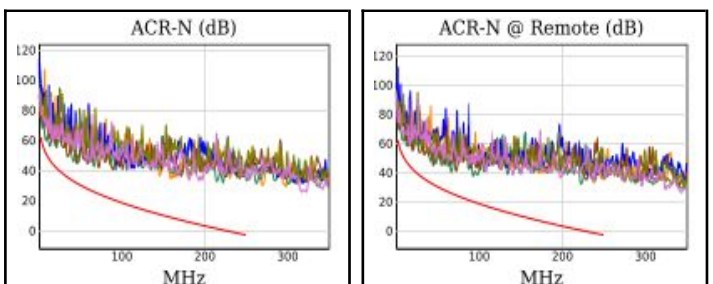
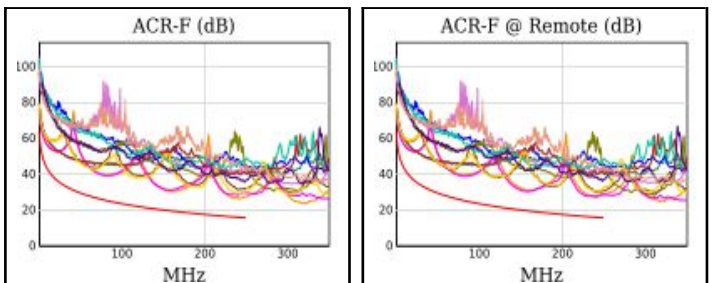
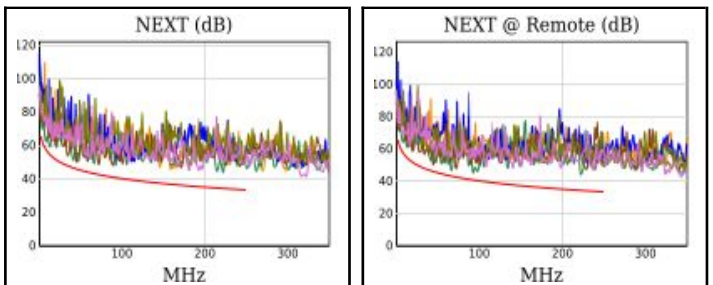
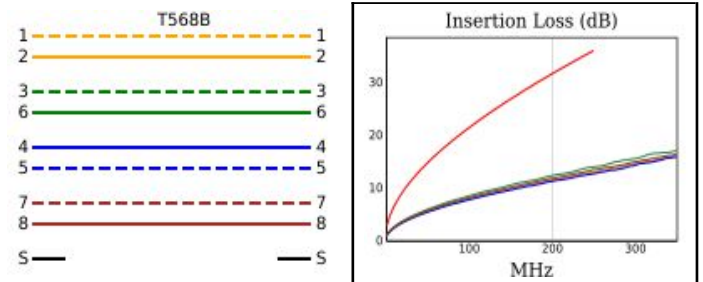
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	4,5	4,5	4,5
RL (dB)	7.3	6.0	13.0	10.8
Freq. (MHz)	49.8	43.0	245.5	205.5
Limit (dB)	15.0	15.7	8.1	8.9

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: 06/17/2025 09:22:08 PM

Headroom: 3.5 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: 2112 19th Street East 6 - AMC

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]	190
Delay Skew (ns), Limit 50	[Pair 3,6]	14
Resistance (ohms)	[Pair 3,6]	7.1
Insertion Loss Margin (dB)	[Pair 3,6]	24.3
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	1,2-4,5	1,2-4,5
NEXT (dB)	4.7	3.5	9.1	10.5
Freq. (MHz)	63.0	64.0	217.5	208.0
Limit (dB)	43.3	43.2	34.2	34.5
Worst Pair	4,5	4,5	1,2	1,2
PS NEXT (dB)	5.6	4.5	11.5	11.9
Freq. (MHz)	62.8	63.3	217.5	208.5
Limit (dB)	40.6	40.5	31.2	31.5

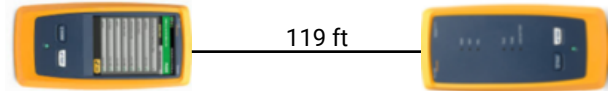
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-1,2	1,2-4,5	4,5-1,2
ACR-F (dB)	11.9	12.0	13.1	12.8
Freq. (MHz)	7.0	3.8	249.0	246.0
Limit (dB)	46.4	51.8	15.3	15.4
Worst Pair	1,2	1,2	3,6	3,6
PS ACR-F (dB)	12.1	12.0	13.7	13.5
Freq. (MHz)	1.3	1.0	220.0	215.0
Limit (dB)	58.3	60.3	13.4	13.6

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-4,5	1,2-4,5	3,6-4,5
ACR-N (dB)	8.8	6.7	32.6	34.9
Freq. (MHz)	3.4	3.3	217.5	223.0
Limit (dB)	60.5	60.9	1.0	0.4
Worst Pair	4,5	4,5	1,2	3,6
PS ACR-N (dB)	10.4	8.9	34.7	35.6
Freq. (MHz)	3.4	3.3	217.5	223.0
Limit (dB)	58.0	58.4	-1.9	-2.6

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	4,5	7,8	4,5
RL (dB)	6.1	5.2	13.3	6.7
Freq. (MHz)	43.5	44.5	245.5	68.0
Limit (dB)	15.6	15.5	8.1	13.7

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

