

LinkWare Live

Official Summary

Certification Report



Exclusively For:		Prepared By:	Projects
		Systec101	IDF2
		Murat Yildirim	
		info@systec101.com	
Product Name	Serial Number	Firmware Version	Calibration Date
DSX-8000	1927404	V6.12 Build 2	10/31/2022
DSX-8000	1927408	V6.12 Build 2	10/31/2022

Cable ID	Summary	Test Limit	Length	Headroom	Date / Time
2-7-1 @ 204	PASS	TIA Cat 6 Channel	145 ft	5.5 dB (NEXT)	08/05/2025 04:29:00 PM
2-7-10 @ AXILARY GYM	PASS	TIA Cat 6 Channel	321 ft	3.6 dB (NEXT)	08/05/2025 03:22:39 PM
2-7-11 @ AXILARY GYM	PASS	TIA Cat 6 Channel	321 ft	3.0 dB (NEXT)	08/05/2025 03:24:31 PM
2-7-12 @ AXILARY GYM	PASS	TIA Cat 6 Channel	323 ft	3.0 dB (NEXT)	08/05/2025 03:23:54 PM
2-7-13 @ OUTSIDE OF AXILARY GYM	PASS	TIA Cat 6 Channel	273 ft	6.0 dB (NEXT)	08/05/2025 03:46:39 PM
2-7-14 @ OUTSIDE OF AXILARY GYM	PASS	TIA Cat 6 Channel	272 ft	5.1 dB (NEXT)	08/05/2025 03:45:54 PM
2-7-15 @ GYM AV RACK	PASS	TIA Cat 6 Channel	259 ft	4.5 dB (NEXT)	08/07/2025 03:52:28 PM
2-7-15 @ GYM CLASSROOM	FAIL	TIA Cat 6 Channel	408 ft	2.0 dB (NEXT)	08/05/2025 03:30:54 PM
2-7-16 @ GYM AV RACK	PASS	TIA Cat 6 Channel	264 ft	5.0 dB (NEXT)	08/05/2025 03:28:08 PM
2-7-17 @ COACHES OFFICE	PASS	TIA Cat 6 Channel	123 ft	5.7 dB (NEXT)	08/05/2025 04:54:37 PM
2-7-17 @ GYM AV RACK	PASS	TIA Cat 6 Channel	263 ft	4.8 dB (NEXT)	08/05/2025 03:29:40 PM
2-7-18 @ COACHES OFFICE	PASS	TIA Cat 6 Channel	123 ft	4.5 dB (NEXT)	08/05/2025 04:53:50 PM
2-7-18 @ GYM AV RACK	PASS	TIA Cat 6 Channel	263 ft	3.6 dB (NEXT)	08/05/2025 03:30:03 PM
2-7-19 @ GYM AV RACK	PASS	TIA Cat 6 Channel	263 ft	5.7 dB (NEXT)	08/05/2025 03:29:07 PM
2-7-2 @ 203	PASS	TIA Cat 6 Channel	141 ft	3.1 dB (NEXT)	08/05/2025 04:22:19 PM
2-7-20 @ ANTRENOR	PASS	TIA Cat 6 Channel	194 ft	6.4 dB (NEXT)	08/05/2025 05:14:24 PM
2-7-21 @ OUTSIDE OF FITNESS CENTER	PASS	TIA Cat 6 Channel	136 ft	6.4 dB (NEXT)	08/05/2025 05:10:06 PM
2-7-22 @ OUTSIDE OF FITNESS CENTER	PASS	TIA Cat 6 Channel	136 ft	6.1 dB (NEXT)	08/05/2025 05:06:58 PM
2-7-23@ OUTSIDE OF CHILD CARE	PASS	TIA Cat 6 Channel	75 ft	4.2 dB (NEXT)	08/05/2025 04:42:45 PM
2-7-24@ OUTSIDE OF CHILD CARE	PASS	TIA Cat 6 Channel	76 ft	3.8 dB (NEXT)	08/05/2025 04:43:32 PM
2-7-3 @ 202	PASS	TIA Cat 6 Channel	100 ft	5.2 dB (NEXT)	08/05/2025 04:16:37 PM
2-7-4 @ 201	PASS	TIA Cat 6 Channel	75 ft	2.3 dB (NEXT)	08/05/2025 03:50:52 PM
2-7-5 @ 203B	PASS	TIA Cat 6 Channel	145 ft	5.5 dB (NEXT)	08/05/2025 04:29:17 PM
2-7-5 @ OUTSIDE OF 202	PASS	TIA Cat 6 Channel	151 ft	5.6 dB (NEXT)	08/05/2025 04:14:54 PM
2-7-6 @ OUTSIDE OF 202	PASS	TIA Cat 6 Channel	151 ft	4.3 dB (NEXT)	08/05/2025 03:57:22 PM
2-7-7@ NURSE	PASS	TIA Cat 6 Channel	162 ft	4.9 dB (NEXT)	08/05/2025 03:53:34 PM
2-7-8 @ 200	PASS	TIA Cat 6 Channel	157 ft	6.4 dB (NEXT)	08/05/2025 04:18:08 PM
2-8-1 @ 100E	PASS	TIA Cat 6 Channel	189 ft	4.8 dB (NEXT)	08/05/2025 04:33:44 PM
2-8-1 @ OUTSIDE OF 100E	PASS	TIA Cat 6 Channel	166 ft	4.5 dB (NEXT)	08/05/2025 04:40:43 PM
2-8-12 TV2 @ GYM	PASS	TIA Cat 6 Channel	198 ft	4.6 dB (NEXT)	08/05/2025 03:41:13 PM
2-8-13 @ GYM TV	PASS	TIA Cat 6 Channel	238 ft	5.2 dB (NEXT)	08/05/2025 03:26:58 PM
2-8-23 @ GYM LEFT	PASS	TIA Cat 6 Channel	161 ft	4.4 dB (NEXT)	08/05/2025 03:39:30 PM
2-8-3 @ OUTSIDE OF 100E	PASS	TIA Cat 6 Channel	166 ft	5.7 dB (NEXT)	08/05/2025 04:40:14 PM
2-8-4 @ E005	PASS	TIA Cat 6 Channel	149 ft	6.0 dB (NEXT)	08/05/2025 04:36:47 PM
2-8-5 @ 103E	PASS	TIA Cat 6 Channel	111 ft	4.6 dB (NEXT)	08/05/2025 04:38:35 PM
GYM AV RACK-2-7-15 @ GYM CLASSROOM	PASS	TIA Cat 6 Channel	160 ft	2.2 dB (NEXT)	08/07/2025 03:56:02 PM

Total Length:	6858 ft
No of Reports:	36
No of Passing Reports:	35
No of Failing Reports:	1
No of Warning Reports:	0
Documentation only:	0



Cable ID: 2-7-1 @ 204

Date / Time: 08/05/2025 04:29:00 PM

Headroom: 5.5 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: IDF2

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

Main S/N: 1927404

Remote S/N: 1927408

Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 7,8]	145
Prop. Delay (ns), Limit 555	[Pair 4,5]	224
Delay Skew (ns), Limit 50	[Pair 4,5]	11
Resistance (ohms)	[Pair 3,6]	6.9
Insertion Loss Margin (dB)	[Pair 4,5]	22.0
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	35.9

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
NEXT (dB)	6.3	5.5	7.0	5.9
Freq. (MHz)	145.5	89.0	217.0	227.0
Limit (dB)	37.2	40.8	34.2	33.8
Worst Pair	3,6	1,2	1,2	1,2
PS NEXT (dB)	7.1	7.2	7.9	7.2
Freq. (MHz)	145.5	227.0	217.0	227.0
Limit (dB)	34.3	30.9	31.2	30.9

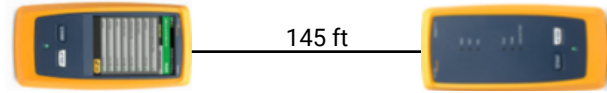
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	3,6-4,5	4,5-3,6
ACR-F (dB)	12.6	12.8	12.6	12.9
Freq. (MHz)	246.0	245.5	246.0	246.0
Limit (dB)	15.4	15.5	15.4	15.4
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	12.7	12.2	14.0	12.3
Freq. (MHz)	5.3	245.5	250.0	248.5
Limit (dB)	45.9	12.5	12.3	12.4

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-4,5	1,2-3,6	1,2-3,6
ACR-N (dB)	13.6	12.2	27.3	27.6
Freq. (MHz)	7.3	3.9	217.0	234.0
Limit (dB)	53.5	59.3	1.1	-1.0
Worst Pair	1,2	1,2	3,6	1,2
PS ACR-N (dB)	12.4	11.5	28.6	31.2
Freq. (MHz)	5.0	5.0	219.5	250.0
Limit (dB)	54.5	54.5	-2.1	-5.8

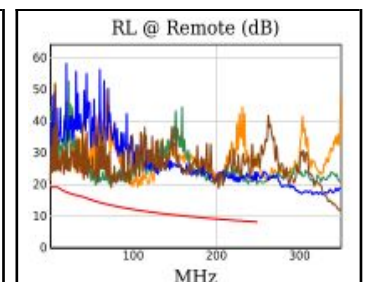
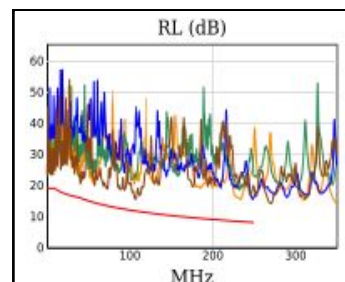
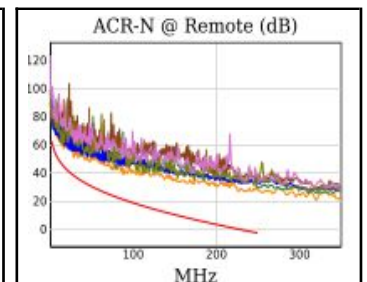
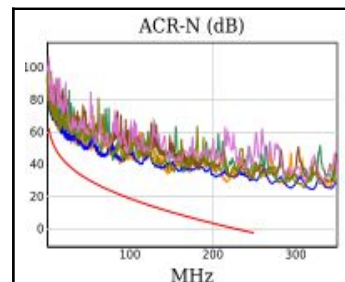
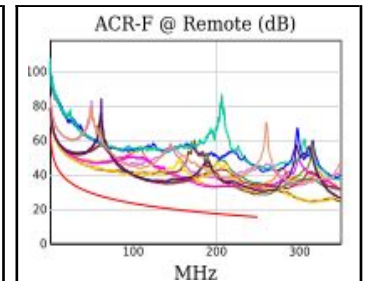
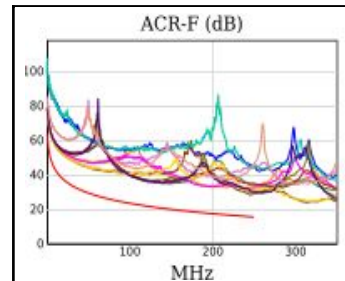
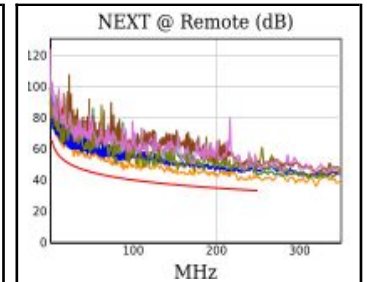
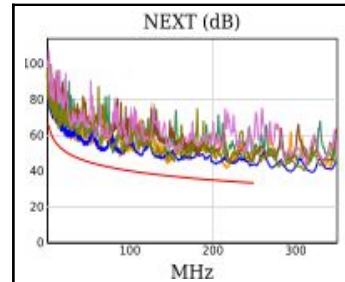
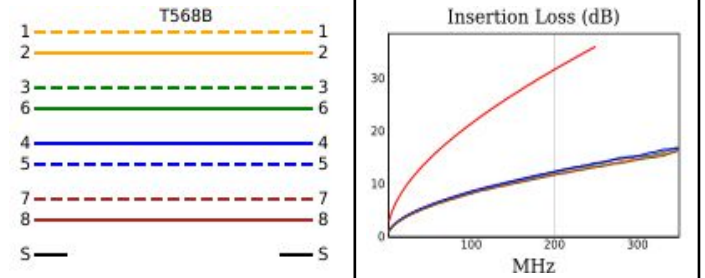
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	3,6	1,2	7,8
RL (dB)	3.8	4.9	7.1	9.6
Freq. (MHz)	108.0	55.5	234.0	203.5
Limit (dB)	11.7	14.6	8.3	8.9

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: 2-7-10 @ AXILARY GYM

Date / Time: 08/05/2025 03:22:39 PM

Headroom: 3.6 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: IDF2

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

Main S/N: 1927404

Remote S/N: 1927408

Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 7,8]	321
Prop. Delay (ns), Limit 555	[Pair 4,5]	497
Delay Skew (ns), Limit 50	[Pair 4,5]	24
Resistance (ohms)	[Pair 4,5]	14.4
Insertion Loss Margin (dB)	[Pair 4,5]	5.9
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	35.9

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	3,6-4,5	1,2-7,8	1,2-3,6
NEXT (dB)	3.7	3.6	4.3	6.5
Freq. (MHz)	226.0	3.0	249.5	239.5
Limit (dB)	33.9	65.0	33.1	33.4
Worst Pair	1,2	3,6	1,2	1,2
PS NEXT (dB)	4.9	5.3	6.4	8.1
Freq. (MHz)	144.5	3.0	249.0	239.5
Limit (dB)	34.3	62.0	30.2	30.5

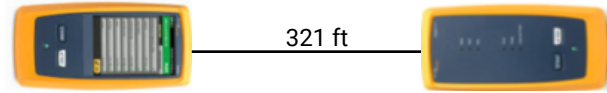
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-1,2	3,6-4,5	3,6-1,2
ACR-F (dB)	12.5	13.0	12.9	13.0
Freq. (MHz)	170.5	181.0	190.5	181.0
Limit (dB)	18.6	18.1	17.7	18.1
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	12.3	11.9	12.3	11.9
Freq. (MHz)	181.0	177.0	181.0	177.0
Limit (dB)	15.1	15.3	15.1	15.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	1,2-7,8	1,2-3,6
ACR-N (dB)	4.3	4.1	11.6	14.0
Freq. (MHz)	3.0	3.0	249.5	249.0
Limit (dB)	61.5	61.5	-2.8	-2.7
Worst Pair	3,6	3,6	1,2	1,2
PS ACR-N (dB)	6.0	5.9	13.4	15.8
Freq. (MHz)	3.0	3.0	249.0	250.0
Limit (dB)	58.5	58.5	-5.7	-5.8

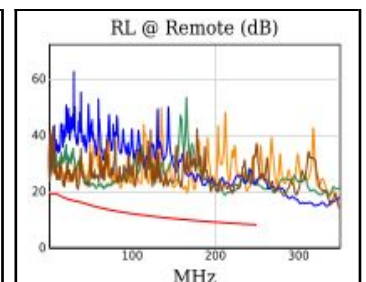
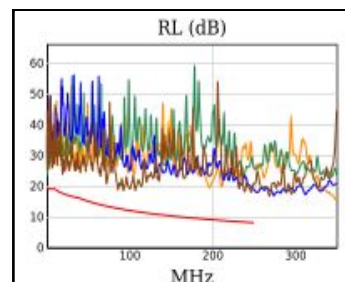
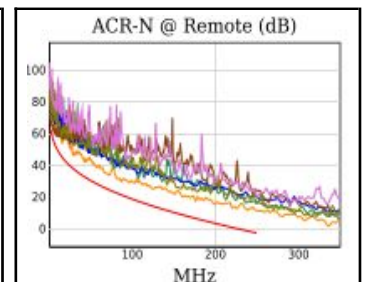
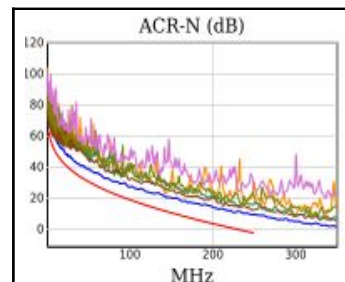
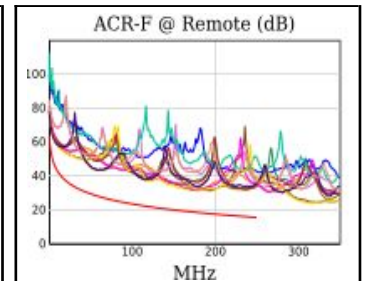
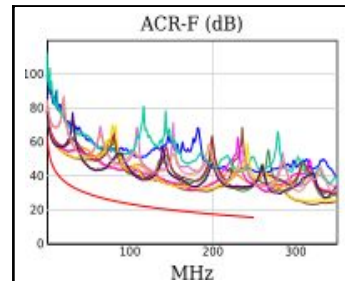
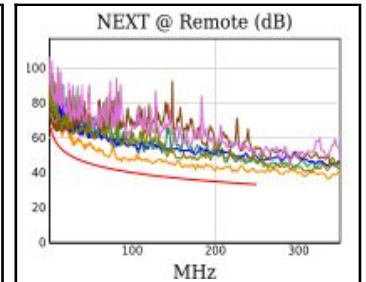
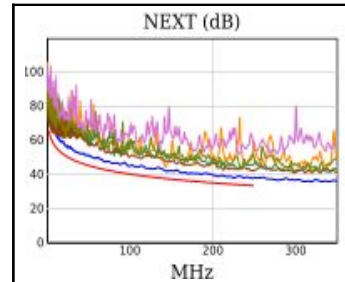
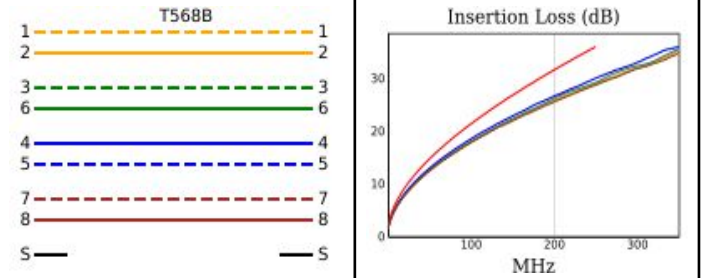
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	7,8	3,6
RL (dB)	6.1	3.8	9.8	9.9
Freq. (MHz)	86.5	19.4	247.0	212.5
Limit (dB)	12.6	17.6	8.1	8.7

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: 2-7-11 @ AXILARY GYM

Date / Time: 08/05/2025 03:24:31 PM

Headroom: 3 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: IDF2

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

Main S/N: 1927404

Remote S/N: 1927408

Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 7,8]	321
Prop. Delay (ns), Limit 555	[Pair 4,5]	495
Delay Skew (ns), Limit 50	[Pair 4,5]	22
Resistance (ohms)	[Pair 4,5]	14.4
Insertion Loss Margin (dB)	[Pair 4,5]	5.8
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	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	1,2-3,6
NEXT (dB)	3.0	3.6	6.3	5.3
Freq. (MHz)	3.0	3.1	249.5	246.5
Limit (dB)	65.0	64.8	33.1	33.2
Worst Pair	3,6	3,6	4,5	1,2
PS NEXT (dB)	5.0	4.1	7.3	7.3
Freq. (MHz)	4.0	4.0	249.5	246.5
Limit (dB)	60.5	60.5	30.2	30.3

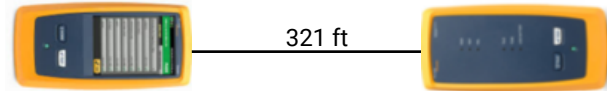
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Worst Pair	3,6-4,5	4,5-3,6	3,6-4,5	4,5-3,6
ACR-F (dB)	10.4	10.9	10.5	10.9
Freq. (MHz)	237.0	236.5	239.0	236.5
Limit (dB)	15.8	15.8	15.7	15.8
Worst Pair	3,6	3,6	4,5	3,6
PS ACR-F (dB)	11.9	11.2	12.2	11.8
Freq. (MHz)	7.5	176.5	240.5	241.5
Limit (dB)	42.8	15.3	12.6	12.6

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	1,2-3,6
ACR-N (dB)	3.5	4.2	12.1	11.7
Freq. (MHz)	3.0	3.1	249.5	246.5
Limit (dB)	61.5	61.2	-2.8	-2.4
Worst Pair	3,6	3,6	4,5	3,6
PS ACR-N (dB)	5.6	4.8	13.1	14.1
Freq. (MHz)	3.0	4.0	249.5	246.5
Limit (dB)	58.5	56.5	-5.7	-5.4

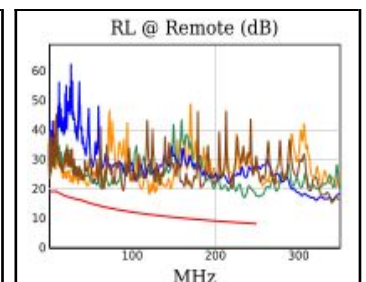
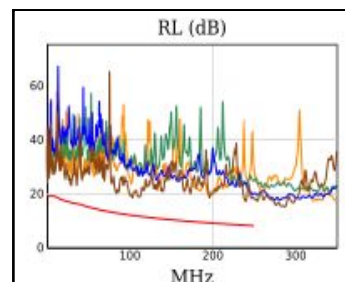
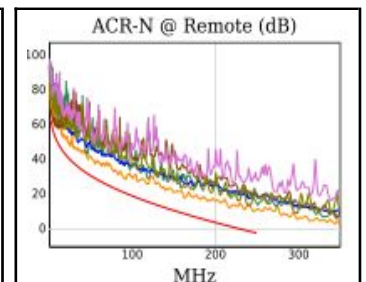
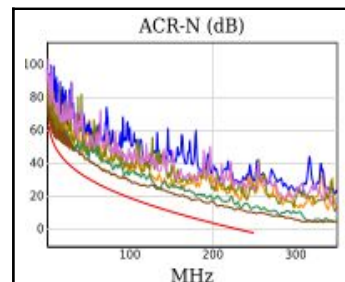
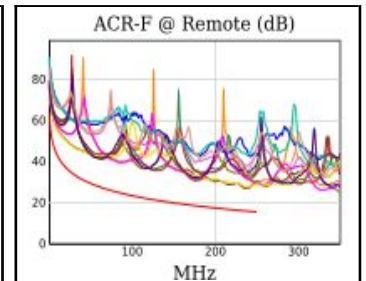
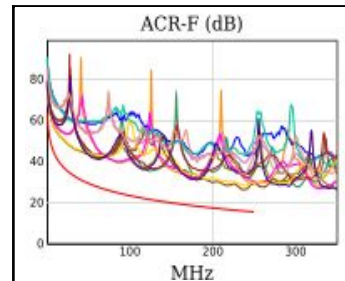
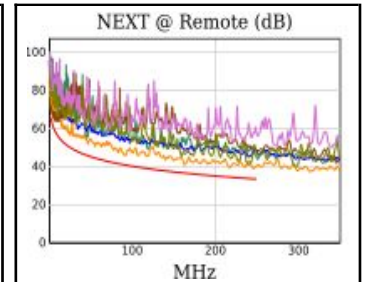
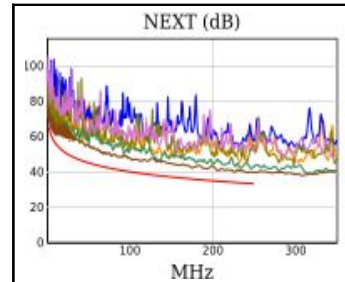
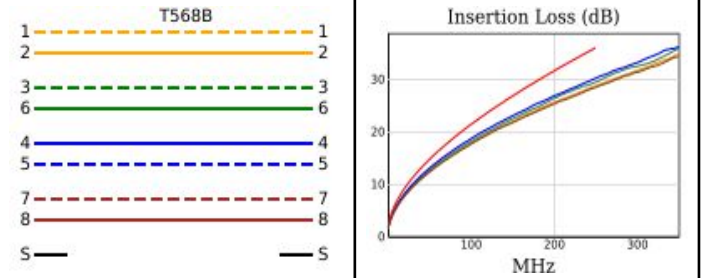
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	7,8	3,6
RL (dB)	6.2	5.2	8.8	8.6
Freq. (MHz)	30.1	36.0	240.0	235.5
Limit (dB)	16.6	16.2	8.2	8.3

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		



PASS





Cable ID: 2-7-12 @ AXILARY GYM

Date / Time: 08/05/2025 03:23:54 PM

Headroom: 3 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: IDF2

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

Main S/N: 1927404

Remote S/N: 1927408

Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 7,8]	323
Prop. Delay (ns), Limit 555	[Pair 4,5]	498
Delay Skew (ns), Limit 50	[Pair 4,5]	22
Resistance (ohms)	[Pair 4,5]	14.5
Insertion Loss Margin (dB)	[Pair 4,5]	5.9
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	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	1,2-3,6
NEXT (dB)	3.0	3.0	8.7	5.5
Freq. (MHz)	4.0	3.0	245.5	228.0
Limit (dB)	63.0	65.0	33.3	33.8
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	4.3	4.2	8.7	7.0
Freq. (MHz)	4.0	4.0	234.5	238.0
Limit (dB)	60.5	60.5	30.6	30.5

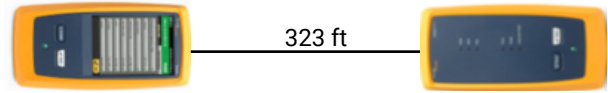
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	3,6-4,5	7,8-3,6
ACR-F (dB)	10.7	11.2	11.2	12.9
Freq. (MHz)	180.0	190.5	199.0	249.0
Limit (dB)	18.2	17.7	17.3	15.3
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	12.2	11.9	15.1	14.4
Freq. (MHz)	6.4	180.0	244.0	250.0
Limit (dB)	44.2	15.2	12.5	12.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	1,2-3,6
ACR-N (dB)	3.6	3.5	14.7	11.3
Freq. (MHz)	4.0	3.0	246.5	228.0
Limit (dB)	59.0	61.5	-2.4	-0.2
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	4.9	4.8	15.9	13.1
Freq. (MHz)	4.0	4.0	245.5	238.0
Limit (dB)	56.5	56.5	-5.3	-4.4

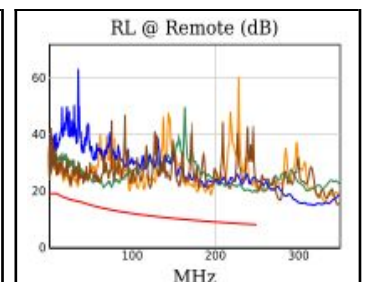
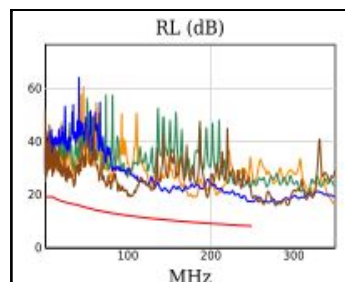
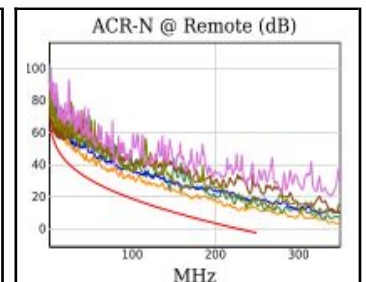
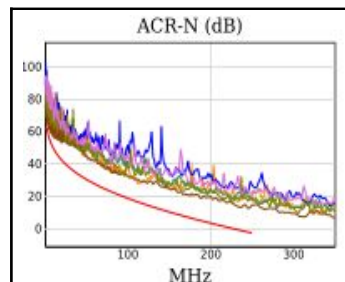
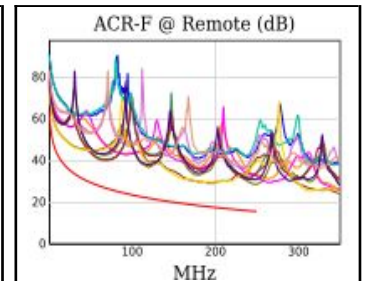
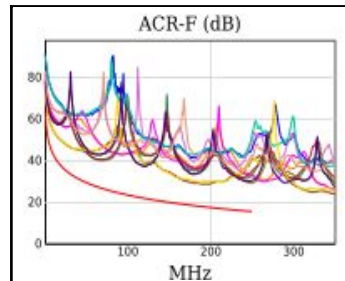
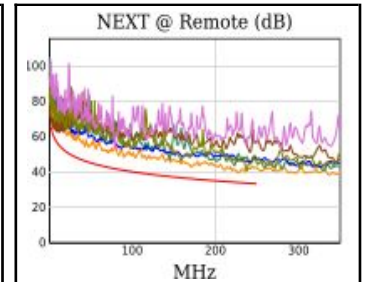
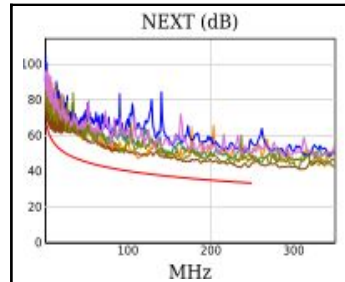
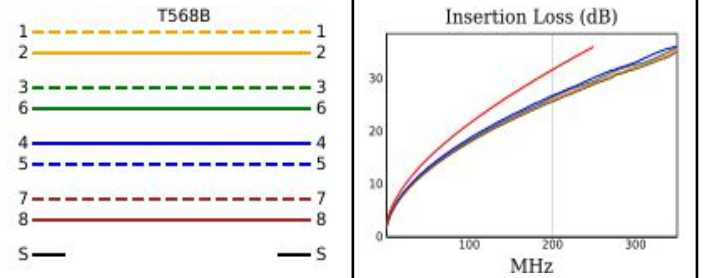
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	4,5	1,2
RL (dB)	6.3	4.3	9.2	9.5
Freq. (MHz)	35.3	26.5	250.0	195.5
Limit (dB)	16.3	16.9	8.0	9.1

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: 2-7-13 @ OUTSIDE OF AXILARY GYM

Test Summary: PASS

Date / Time: 08/05/2025 03:46:39 PM

Headroom: 6 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: IDF2

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

Main S/N: 1927404

Remote S/N: 1927408

Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 7,8]	273
Prop. Delay (ns), Limit 555	[Pair 4,5]	422
Delay Skew (ns), Limit 50	[Pair 4,5]	20
Resistance (ohms)	[Pair 3,6]	12.8
Insertion Loss Margin (dB)	[Pair 4,5]	10.2
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	35.9

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	1,2-3,6	1,2-4,5	1,2-3,6
NEXT (dB)	8.7	6.0	9.9	6.1
Freq. (MHz)	13.8	182.5	228.0	228.5
Limit (dB)	54.3	35.5	33.8	33.8
Worst Pair	7,8	3,6	1,2	1,2
PS NEXT (dB)	10.3	7.8	10.7	8.5
Freq. (MHz)	13.9	179.0	228.5	239.0
Limit (dB)	51.6	32.7	30.8	30.5

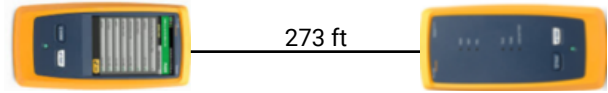
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	3,6-4,5
ACR-F (dB)	10.5	10.2	10.7	11.7
Freq. (MHz)	192.5	173.5	196.5	209.5
Limit (dB)	17.6	18.5	17.4	16.8
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	12.0	11.4	12.1	11.4
Freq. (MHz)	206.5	196.0	208.0	196.0
Limit (dB)	14.0	14.4	13.9	14.4

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	1,2-3,6	1,2-4,5	1,2-3,6
ACR-N (dB)	10.8	8.5	19.5	16.5
Freq. (MHz)	13.8	7.0	228.0	230.5
Limit (dB)	46.9	53.8	-0.2	-0.5
Worst Pair	3,6	3,6	4,5	3,6
PS ACR-N (dB)	11.7	10.1	22.0	20.2
Freq. (MHz)	2.5	7.0	244.0	250.0
Limit (dB)	58.8	51.3	-5.1	-5.8

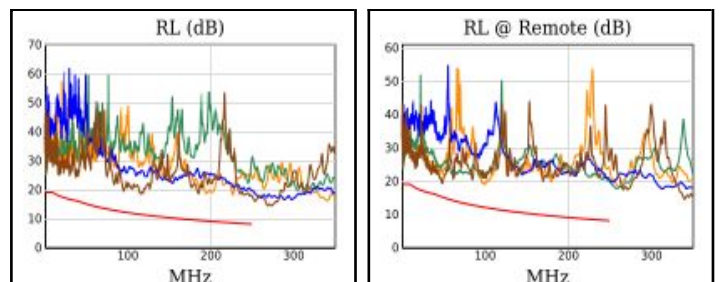
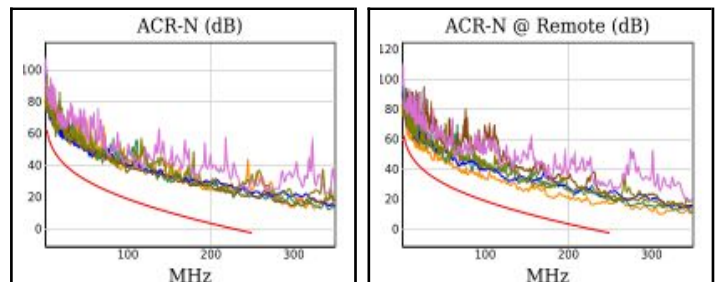
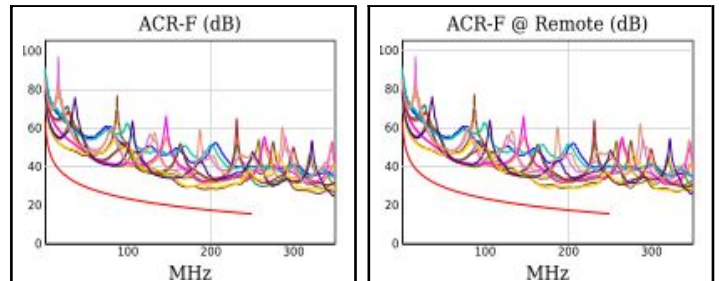
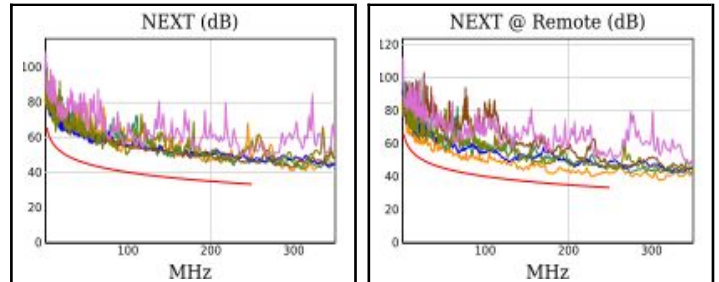
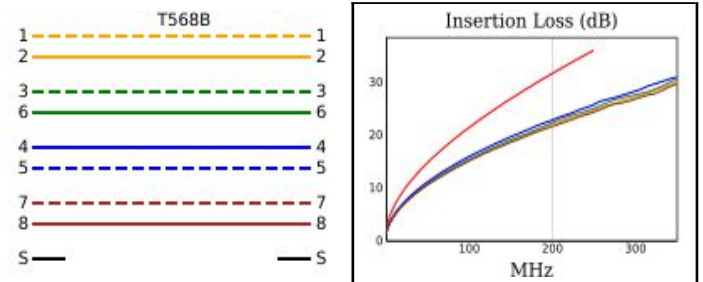
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	7,8	1,2
RL (dB)	7.1	3.9	9.6	6.8
Freq. (MHz)	116.5	49.5	248.0	100.5
Limit (dB)	11.3	15.1	8.1	12.0

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: 2-7-14 @ OUTSIDE OF AXILARY GYM

Test Summary: PASS

Date / Time: 08/05/2025 03:45:54 PM

Headroom: 5.1 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: IDF2

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

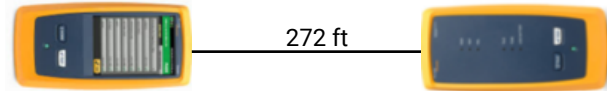
Main S/N: 1927404

Remote S/N: 1927408

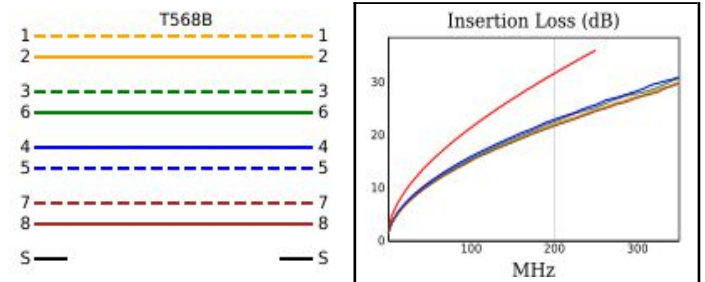
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 7,8]	272
Prop. Delay (ns), Limit 555	[Pair 4,5]	422
Delay Skew (ns), Limit 50	[Pair 4,5]	21
Resistance (ohms)	[Pair 3,6]	12.9
Insertion Loss Margin (dB)	[Pair 4,5]	10.3
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	35.9



PASS



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-3,6	1,2-3,6	1,2-3,6
NEXT (dB)	7.5	5.1	9.1	5.5
Freq. (MHz)	5.3	184.0	245.0	228.0
Limit (dB)	61.1	35.4	33.3	33.8
Worst Pair	1,2	3,6	3,6	1,2
PS NEXT (dB)	7.6	6.5	9.7	7.2
Freq. (MHz)	5.1	167.0	241.5	228.5
Limit (dB)	58.8	33.2	30.4	30.8

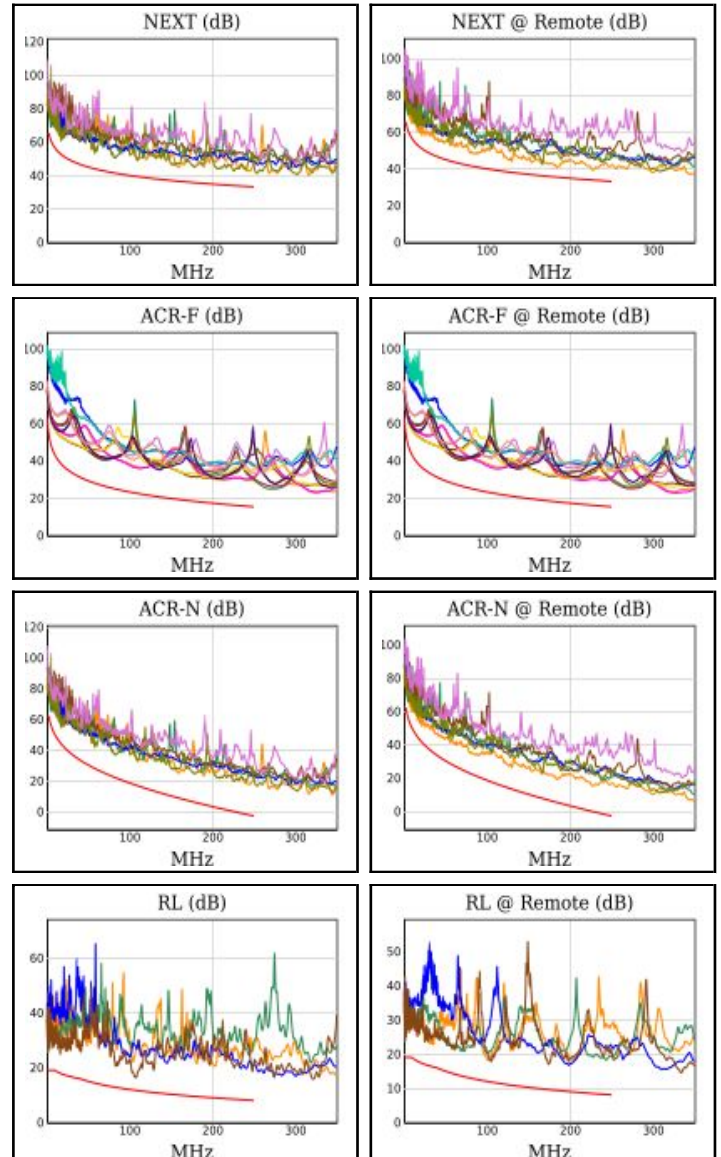
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	1,2-3,6	1,2-3,6	1,2-3,6
ACR-F (dB)	12.8	12.7	13.9	13.5
Freq. (MHz)	175.0	213.5	245.0	239.5
Limit (dB)	18.4	16.7	15.5	15.7
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	11.6	11.9	11.7	11.9
Freq. (MHz)	204.0	211.5	208.5	211.5
Limit (dB)	14.1	13.8	13.9	13.8

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-3,6	1,2-3,6	1,2-3,6
ACR-N (dB)	8.7	9.0	19.8	15.3
Freq. (MHz)	5.3	3.6	245.0	228.0
Limit (dB)	56.5	59.9	-2.3	-0.2
Worst Pair	1,2	3,6	3,6	3,6
PS ACR-N (dB)	9.0	8.7	20.2	17.6
Freq. (MHz)	5.1	3.6	241.5	229.5
Limit (dB)	54.2	57.4	-4.8	-3.4

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	7,8	4,5
RL (dB)	4.6	5.8	4.6	7.7
Freq. (MHz)	108.5	106.0	108.5	199.0
Limit (dB)	11.6	11.7	11.6	9.0

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		





Cable ID: 2-7-15 @ GYM AV RACK

Date / Time: 08/07/2025 03:52:28 PM

Headroom: 4.5 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: IDF2

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

Main S/N: 1927404

Remote S/N: 1927408

Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 7,8]	259
Prop. Delay (ns), Limit 555	[Pair 4,5]	401
Delay Skew (ns), Limit 50	[Pair 4,5]	20
Resistance (ohms)	[Pair 3,6]	11.9
Insertion Loss Margin (dB)	[Pair 4,5]	11.7
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	35.9

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
NEXT (dB)	4.5	4.9	4.9	5.9
Freq. (MHz)	161.0	171.0	250.0	234.0
Limit (dB)	36.4	36.0	33.1	33.6
Worst Pair	3,6	3,6	3,6	1,2
PS NEXT (dB)	4.6	6.7	4.7	7.3
Freq. (MHz)	246.5	5.1	247.0	238.0
Limit (dB)	30.3	58.8	30.2	30.5

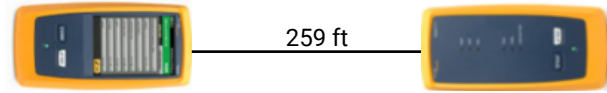
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	3,6-4,5	3,6-4,5	3,6-4,5
ACR-F (dB)	11.6	11.1	12.1	11.5
Freq. (MHz)	188.5	188.5	249.0	247.5
Limit (dB)	17.8	17.8	15.3	15.4
Worst Pair	4,5	4,5	4,5	4,5
PS ACR-F (dB)	13.0	13.1	14.5	14.1
Freq. (MHz)	1.6	5.8	249.0	247.5
Limit (dB)	56.0	45.1	12.3	12.4

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-N (dB)	6.0	6.4	17.2	17.7
Freq. (MHz)	5.1	5.3	250.0	234.0
Limit (dB)	56.8	56.5	-2.8	-1.0
Worst Pair	3,6	3,6	3,6	1,2
PS ACR-N (dB)	6.6	8.2	17.2	19.4
Freq. (MHz)	5.0	5.1	250.0	238.0
Limit (dB)	54.5	54.2	-5.8	-4.4

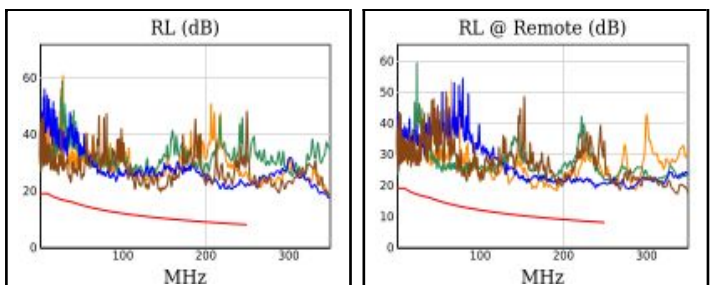
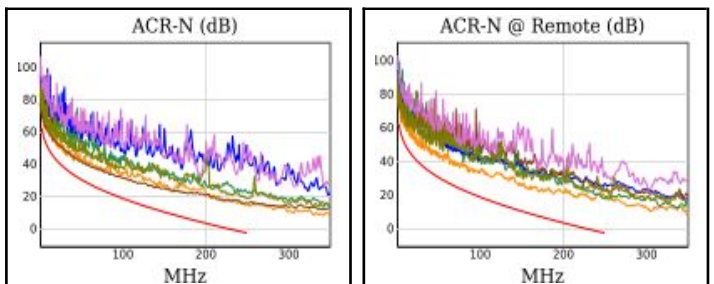
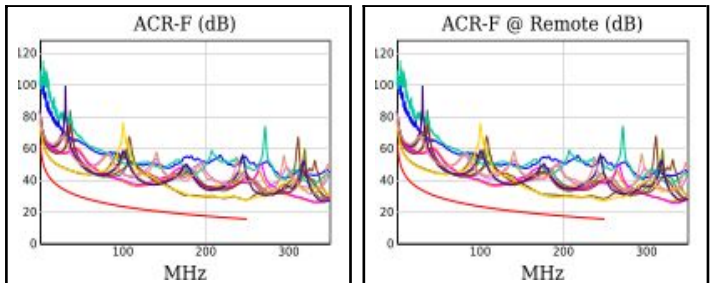
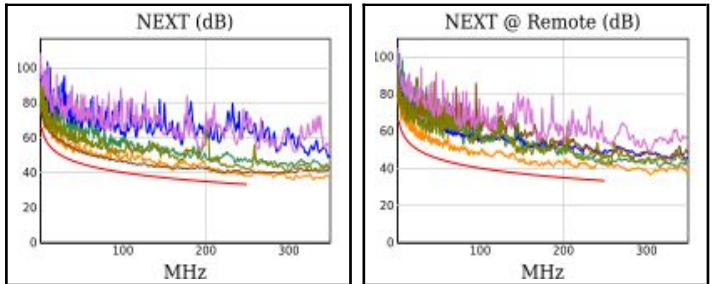
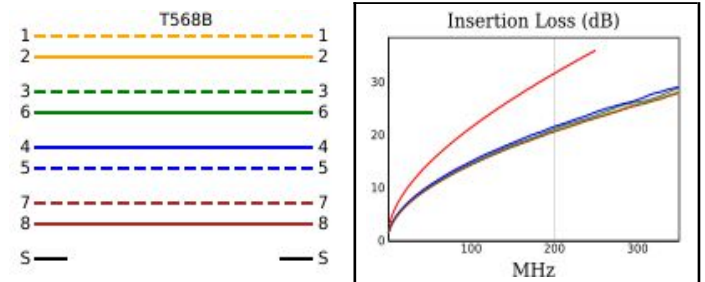
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	7,8	1,2
RL (dB)	6.6	7.8	9.3	9.1
Freq. (MHz)	37.8	5.5	146.5	193.0
Limit (dB)	16.1	19.0	10.3	9.1

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: 2-7-15 @ GYM CLASSROOM

Test Summary: **FAIL**

Date / Time: 08/05/2025 03:30:54 PM

Headroom: 2 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: IDF2

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

Main S/N: 1927404

Remote S/N: 1927408

Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 7,8]	408 F
Prop. Delay (ns), Limit 555	[Pair 4,5]	634 F
Delay Skew (ns), Limit 50	[Pair 4,5]	32
Resistance (ohms)	[Pair 3,6]	18.5
Insertion Loss Margin (dB)	[Pair 4,5]	-2.5 F
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	35.9

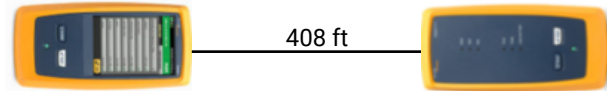
Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	1,2-3,6	1,2-4,5	1,2-3,6
NEXT (dB)	6.4	2.0	11.1	2.5
Freq. (MHz)	3.4	41.5	247.0	188.0
Limit (dB)	64.2	46.4	33.2	35.2
Worst Pair	3,6	3,6	1,2	3,6
PS NEXT (dB)	6.2	2.5	11.5	4.7
Freq. (MHz)	3.3	41.8	238.0	211.5
Limit (dB)	62.0	43.6	30.5	31.4

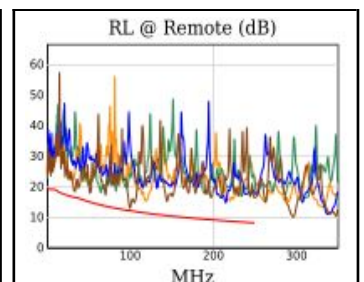
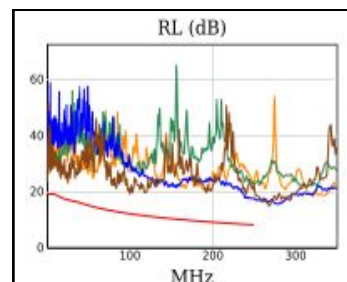
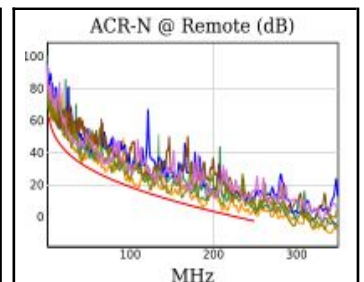
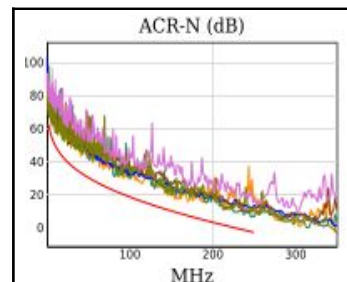
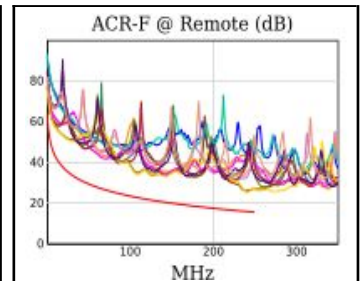
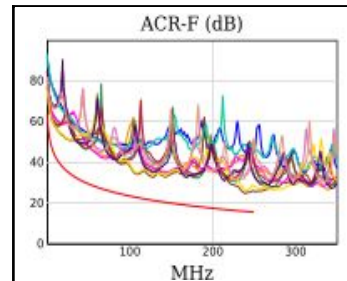
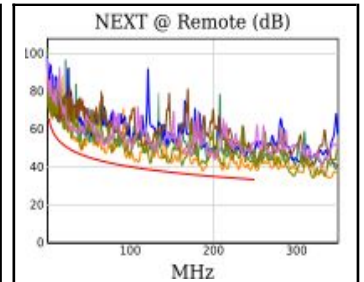
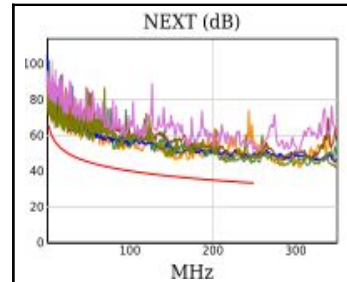
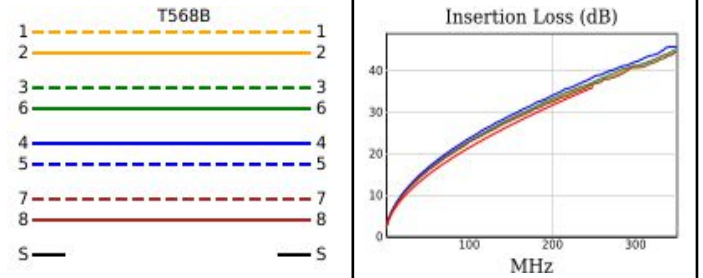
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	3,6-4,5
ACR-F (dB)	8.7	9.2	8.7	9.2
Freq. (MHz)	239.0	241.5	239.0	241.5
Limit (dB)	15.7	15.6	15.7	15.6
Worst Pair	4,5	4,5	4,5	4,5
PS ACR-F (dB)	10.9	11.4	10.9	11.4
Freq. (MHz)	239.0	241.5	239.0	241.5
Limit (dB)	12.7	12.6	12.7	12.6

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	1,2-3,6	1,2-4,5	1,2-3,6
ACR-N (dB)	6.3	0.8	8.8	3.7
Freq. (MHz)	3.4	188.0	247.0	245.0
Limit (dB)	60.5	4.8	-2.5	-2.3
Worst Pair	3,6	3,6	4,5	3,6
PS ACR-N (dB)	6.0	1.3	10.0	5.0
Freq. (MHz)	3.3	41.8	250.0	245.5
Limit (dB)	58.4	30.3	-5.8	-5.3

PASS*	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	4,5	7,8
RL (dB)	6.0	0.6*	9.4	0.6
Freq. (MHz)	26.0	100.5	250.0	100.5
Limit (dB)	16.9	12.0	8.0	12.0



PASS





Cable ID: 2-7-16 @ GYM AV RACK

Date / Time: 08/05/2025 03:28:08 PM

Headroom: 5 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: IDF2

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

Main S/N: 1927404

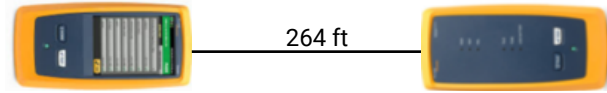
Remote S/N: 1927408

Main Adapter: DSX-CHA804

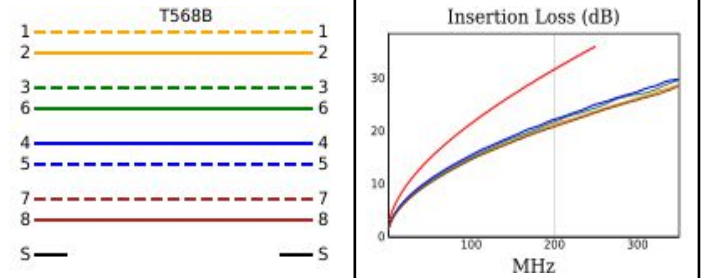
Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 7,8]	264
Prop. Delay (ns), Limit 555	[Pair 4,5]	408
Delay Skew (ns), Limit 50	[Pair 4,5]	19
Resistance (ohms)	[Pair 4,5]	15.6
Insertion Loss Margin (dB)	[Pair 4,5]	10.9
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	35.9



PASS



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-3,6	1,2-7,8	1,2-3,6
NEXT (dB)	7.5	5.0	7.7	5.0
Freq. (MHz)	165.5	214.5	224.5	214.5
Limit (dB)	36.2	34.3	33.9	34.3
Worst Pair	7,8	3,6	7,8	3,6
PS NEXT (dB)	7.8	6.4	8.8	6.4
Freq. (MHz)	157.0	214.5	236.0	214.5
Limit (dB)	33.7	31.3	30.6	31.3

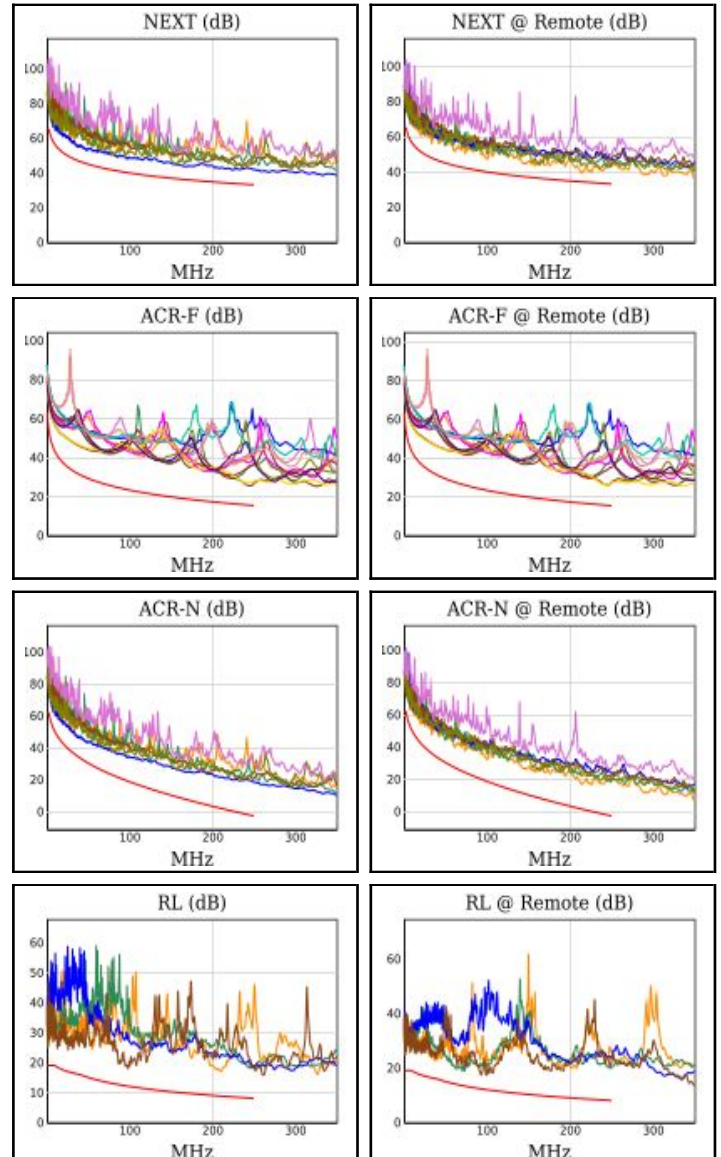
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	3,6-4,5	4,5-3,6
ACR-F (dB)	10.0	10.6	10.0	10.7
Freq. (MHz)	246.5	245.5	246.5	246.5
Limit (dB)	15.4	15.5	15.4	15.4
Worst Pair	4,5	4,5	4,5	4,5
PS ACR-F (dB)	12.5	12.6	12.5	12.8
Freq. (MHz)	246.5	239.5	246.5	243.5
Limit (dB)	12.4	12.7	12.4	12.5

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-3,6	1,2-7,8	1,2-3,6
ACR-N (dB)	9.9	10.5	21.1	16.5
Freq. (MHz)	7.9	7.8	250.0	226.0
Limit (dB)	52.7	52.8	-2.8	0.0
Worst Pair	1,2	3,6	3,6	3,6
PS ACR-N (dB)	10.5	10.6	20.9	18.8
Freq. (MHz)	7.9	3.6	236.0	237.5
Limit (dB)	50.1	57.4	-4.1	-4.3

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	1,2	7,8
RL (dB)	5.8	5.0	8.1	5.3
Freq. (MHz)	98.5	93.5	210.5	100.0
Limit (dB)	12.1	12.3	8.8	12.0

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		





Cable ID: 2-7-17 @ COACHES OFFICE

Test Summary: PASS

Date / Time: 08/05/2025 04:54:37 PM

Headroom: 5.7 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: IDF2

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

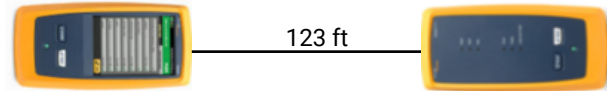
Main S/N: 1927404

Remote S/N: 1927408

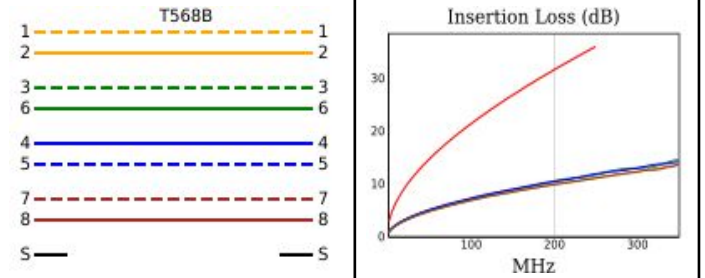
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 7,8]	123
Prop. Delay (ns), Limit 555	[Pair 4,5]	190
Delay Skew (ns), Limit 50	[Pair 4,5]	9
Resistance (ohms)	[Pair 3,6]	6.0
Insertion Loss Margin (dB)	[Pair 4,5]	24.1
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	35.9



PASS



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-3,6	3,6-7,8	3,6-7,8
NEXT (dB)	8.4	5.7	8.7	6.1
Freq. (MHz)	165.0	228.5	224.5	245.5
Limit (dB)	36.2	33.8	33.9	33.3
Worst Pair	7,8	3,6	7,8	3,6
PS NEXT (dB)	8.3	6.0	8.3	6.0
Freq. (MHz)	224.5	234.0	224.5	234.0
Limit (dB)	31.0	30.7	31.0	30.7

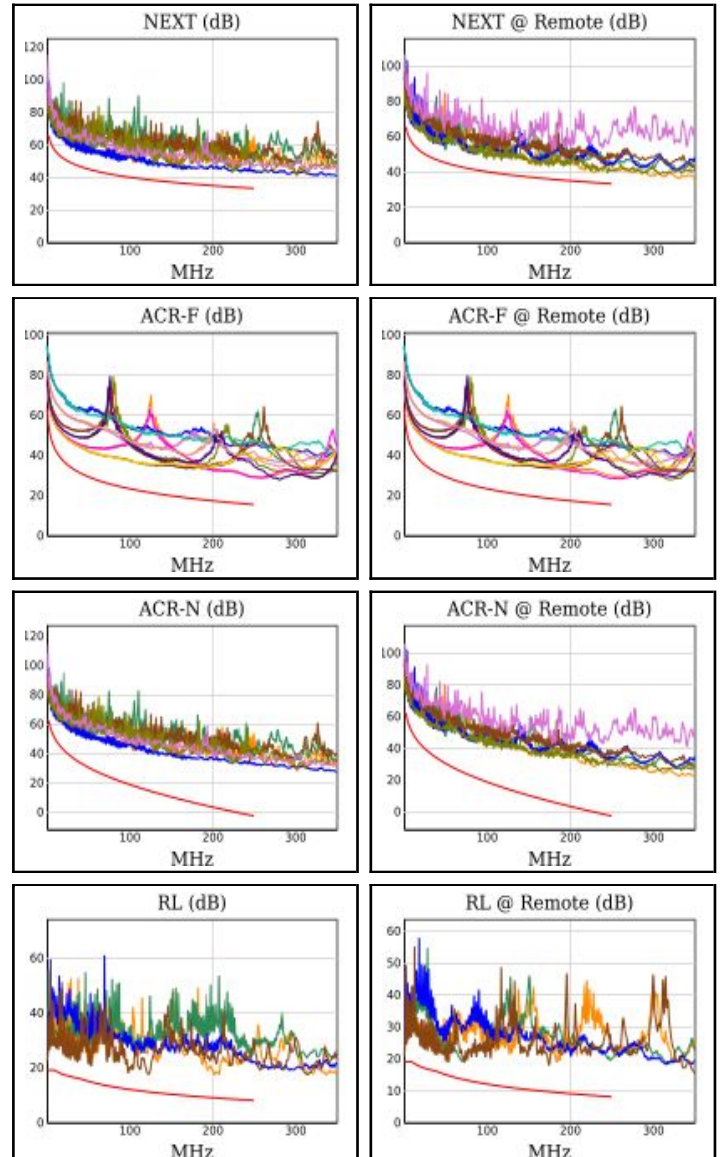
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-1,2	1,2-3,6
ACR-F (dB)	12.4	12.4	13.5	13.0
Freq. (MHz)	3.6	51.3	248.0	248.0
Limit (dB)	52.1	29.1	15.4	15.4
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	11.3	11.2	15.3	15.6
Freq. (MHz)	6.4	1.0	250.0	250.0
Limit (dB)	44.2	60.3	12.3	12.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	1,2-7,8	1,2-3,6
ACR-N (dB)	13.3	12.7	35.0	28.7
Freq. (MHz)	2.9	2.5	249.5	228.5
Limit (dB)	61.6	61.8	-2.8	-0.3
Worst Pair	7,8	3,6	7,8	3,6
PS ACR-N (dB)	14.0	13.1	31.7	29.4
Freq. (MHz)	5.8	2.9	224.5	234.0
Limit (dB)	53.2	58.6	-2.8	-3.9

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	1,2	7,8
RL (dB)	5.7	4.0	8.2	8.2
Freq. (MHz)	54.3	54.3	202.5	175.0
Limit (dB)	14.7	14.7	8.9	9.6

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: 2-7-17 @ GYM AV RACK

Date / Time: 08/05/2025 03:29:40 PM

Headroom: 4.8 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: IDF2

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

Main S/N: 1927404

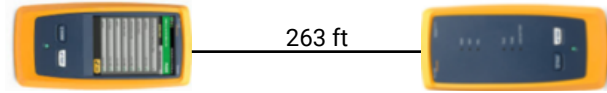
Remote S/N: 1927408

Main Adapter: DSX-CHA804

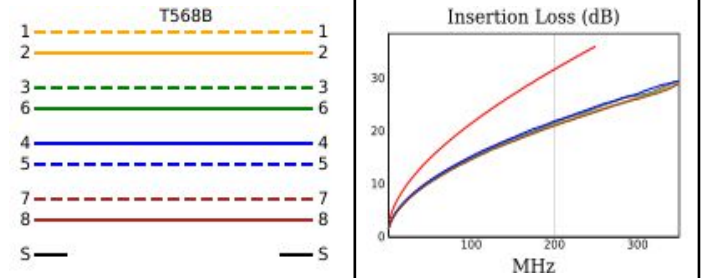
Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 7,8]	263
Prop. Delay (ns), Limit 555	[Pair 4,5]	406
Delay Skew (ns), Limit 50	[Pair 4,5]	19
Resistance (ohms)	[Pair 3,6]	11.9
Insertion Loss Margin (dB)	[Pair 4,5]	11.4
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	35.9



PASS



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	1,2-3,6	3,6-7,8	1,2-3,6
NEXT (dB)	6.8	4.8	7.6	5.1
Freq. (MHz)	159.5	159.5	238.0	227.5
Limit (dB)	36.5	36.5	33.5	33.8
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	8.1	6.2	9.3	6.3
Freq. (MHz)	159.5	228.0	238.5	237.5
Limit (dB)	33.6	30.9	30.5	30.5

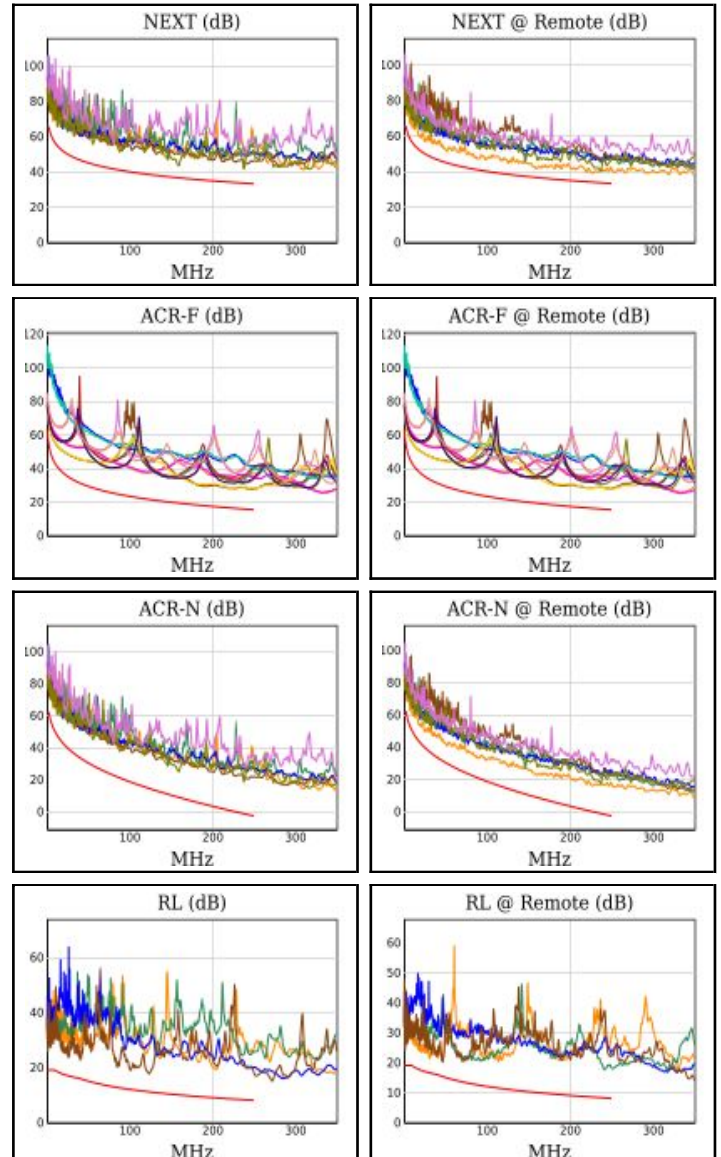
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	3,6-4,5
ACR-F (dB)	11.5	11.7	12.1	12.3
Freq. (MHz)	188.5	180.5	249.0	250.0
Limit (dB)	17.8	18.1	15.3	15.3
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	12.4	12.5	12.8	13.2
Freq. (MHz)	5.3	5.3	225.0	244.5
Limit (dB)	45.9	45.9	13.2	12.5

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	3,6-7,8	1,2-3,6
ACR-N (dB)	10.8	9.0	19.6	18.2
Freq. (MHz)	3.8	3.8	238.0	247.5
Limit (dB)	59.6	59.6	-1.4	-2.5
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	10.3	9.4	20.7	17.6
Freq. (MHz)	3.8	3.8	238.5	237.5
Limit (dB)	57.1	57.1	-4.4	-4.3

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	7,8	3,6
RL (dB)	6.5	4.6	6.5	9.4
Freq. (MHz)	124.0	31.1	124.0	241.5
Limit (dB)	11.1	16.5	11.1	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		





Cable ID: 2-7-18 @ COACHES OFFICE

Date / Time: 08/05/2025 04:53:50 PM

Headroom: 4.5 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: IDF2

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

Main S/N: 1927404

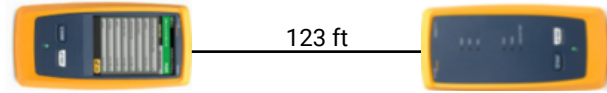
Remote S/N: 1927408

Main Adapter: DSX-CHA804

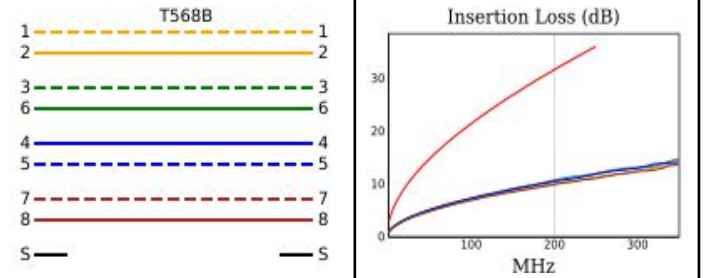
Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 7,8]	123
Prop. Delay (ns), Limit 555	[Pair 4,5]	191
Delay Skew (ns), Limit 50	[Pair 4,5]	9
Resistance (ohms)	[Pair 3,6]	7.2
Insertion Loss Margin (dB)	[Pair 4,5]	24.0
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	35.9



PASS



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	1,2-3,6	3,6-7,8	1,2-3,6
NEXT (dB)	6.1	4.5	6.1	4.5
Freq. (MHz)	214.5	234.0	214.5	234.0
Limit (dB)	34.3	33.6	34.3	33.6
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	7.9	5.8	9.5	5.8
Freq. (MHz)	202.0	234.0	249.5	234.0
Limit (dB)	31.8	30.7	30.2	30.7

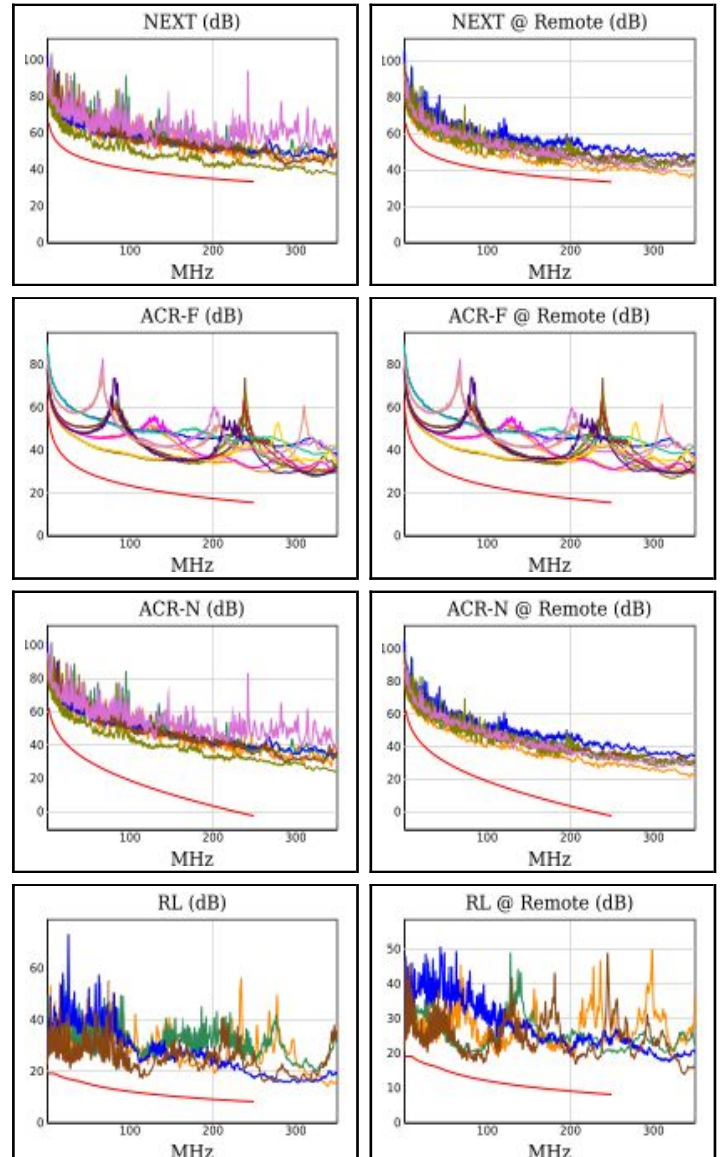
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	4,5-3,6	1,2-3,6	1,2-3,6
ACR-F (dB)	12.7	12.8	15.1	15.6
Freq. (MHz)	6.0	3.4	250.0	250.0
Limit (dB)	47.7	52.7	15.3	15.3
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	11.8	11.8	17.4	14.8
Freq. (MHz)	1.0	1.0	250.0	185.0
Limit (dB)	60.3	60.3	12.3	14.9

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	1,2-3,6	3,6-7,8	1,2-3,6
ACR-N (dB)	13.3	11.9	28.8	27.6
Freq. (MHz)	7.3	5.1	214.5	234.0
Limit (dB)	53.5	56.8	1.4	-1.0
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	13.2	11.4	33.6	28.9
Freq. (MHz)	4.5	4.9	249.5	234.0
Limit (dB)	55.4	54.7	-5.7	-3.9

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	4,5	7,8
RL (dB)	4.3	3.5	9.1	7.9
Freq. (MHz)	28.9	28.9	250.0	207.5
Limit (dB)	16.7	16.7	8.0	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		





Cable ID: 2-7-18 @ GYM AV RACK

Date / Time: 08/05/2025 03:30:03 PM

Headroom: 3.6 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: IDF2

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

Main S/N: 1927404

Remote S/N: 1927408

Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 7,8]	263
Prop. Delay (ns), Limit 555	[Pair 4,5]	407
Delay Skew (ns), Limit 50	[Pair 4,5]	20
Resistance (ohms)	[Pair 3,6]	11.9
Insertion Loss Margin (dB)	[Pair 4,5]	11.2
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	35.9

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	1,2-3,6	3,6-7,8	1,2-3,6
NEXT (dB)	3.6	5.1	6.2	6.2
Freq. (MHz)	157.5	192.0	224.0	247.0
Limit (dB)	36.6	35.1	33.9	33.2
Worst Pair	3,6	1,2	3,6	1,2
PS NEXT (dB)	6.1	6.8	8.3	7.5
Freq. (MHz)	157.5	192.0	229.0	248.0
Limit (dB)	33.7	32.2	30.8	30.2

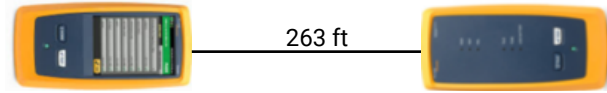
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	3,6-4,5
ACR-F (dB)	10.2	10.3	10.8	11.0
Freq. (MHz)	183.0	193.0	207.5	225.0
Limit (dB)	18.0	17.5	16.9	16.2
Worst Pair	4,5	4,5	3,6	4,5
PS ACR-F (dB)	12.2	12.0	13.4	12.5
Freq. (MHz)	5.3	5.3	250.0	224.5
Limit (dB)	45.9	45.9	12.3	13.2

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	1,2-3,6	3,6-7,8	1,2-3,6
ACR-N (dB)	7.9	8.7	17.8	18.1
Freq. (MHz)	14.4	30.0	224.5	247.0
Limit (dB)	46.4	37.6	0.2	-2.5
Worst Pair	3,6	1,2	3,6	1,2
PS ACR-N (dB)	9.9	10.5	20.5	19.7
Freq. (MHz)	14.3	30.0	239.0	248.0
Limit (dB)	43.9	34.9	-4.5	-5.6

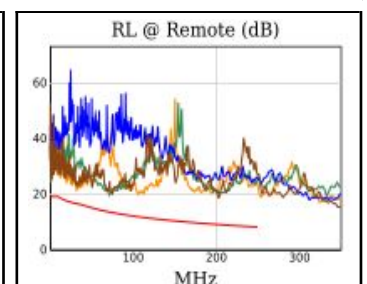
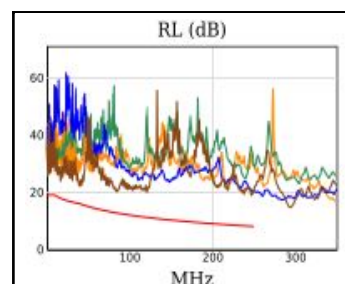
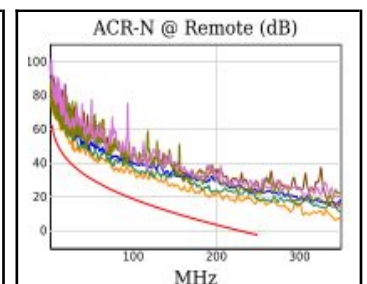
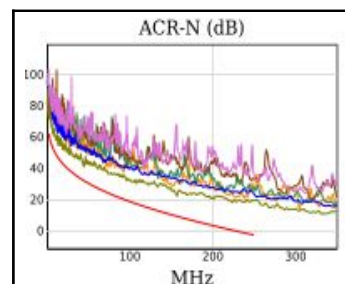
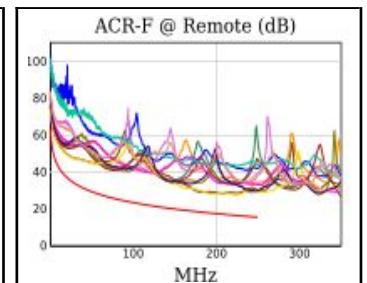
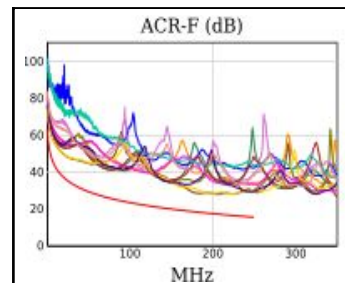
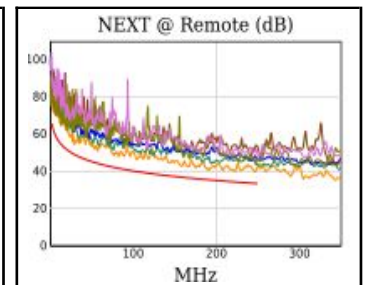
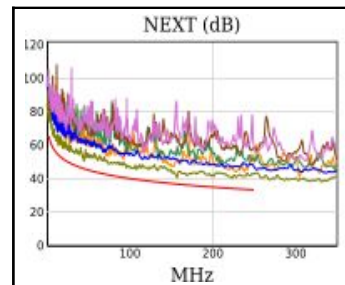
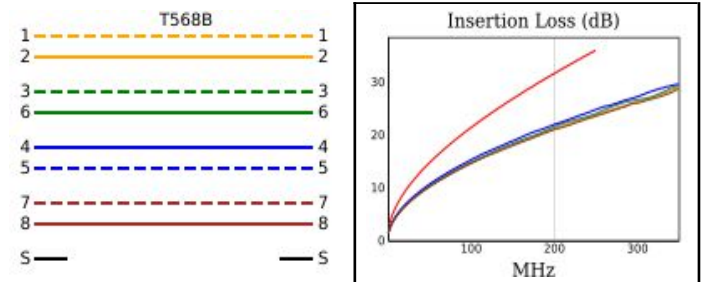
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	7,8	7,8
RL (dB)	5.8	4.6	10.7	9.5
Freq. (MHz)	39.5	32.5	247.0	203.0
Limit (dB)	16.0	16.4	8.1	8.9

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: 2-7-19 @ GYM AV RACK

Date / Time: 08/05/2025 03:29:07 PM

Headroom: 5.7 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: IDF2

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

Main S/N: 1927404

Remote S/N: 1927408

Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 7,8]	263
Prop. Delay (ns), Limit 555	[Pair 4,5]	407
Delay Skew (ns), Limit 50	[Pair 4,5]	20
Resistance (ohms)	[Pair 3,6]	11.9
Insertion Loss Margin (dB)	[Pair 4,5]	11.3
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	35.9

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	3,6-7,8	1,2-3,6
NEXT (dB)	6.1	5.7	8.3	6.1
Freq. (MHz)	121.0	168.5	246.0	244.0
Limit (dB)	38.5	36.1	33.2	33.3
Worst Pair	3,6	1,2	7,8	1,2
PS NEXT (dB)	7.4	7.0	9.7	7.0
Freq. (MHz)	121.0	243.5	246.0	243.5
Limit (dB)	35.6	30.4	30.3	30.4

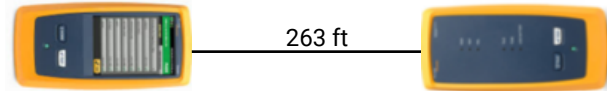
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	3,6-4,5	4,5-3,6
ACR-F (dB)	10.4	10.8	10.4	10.8
Freq. (MHz)	248.5	248.5	248.5	248.5
Limit (dB)	15.4	15.4	15.4	15.4
Worst Pair	4,5	3,6	4,5	3,6
PS ACR-F (dB)	12.8	12.9	12.9	12.9
Freq. (MHz)	248.5	248.5	249.0	248.5
Limit (dB)	12.4	12.4	12.3	12.4

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	3,6-7,8	1,2-3,6
ACR-N (dB)	11.1	9.7	20.7	17.6
Freq. (MHz)	31.5	31.5	246.0	244.0
Limit (dB)	36.9	36.9	-2.4	-2.1
Worst Pair	1,2	1,2	3,6	1,2
PS ACR-N (dB)	12.0	10.9	21.6	19.2
Freq. (MHz)	5.3	5.3	246.0	244.0
Limit (dB)	54.0	54.0	-5.3	-5.1

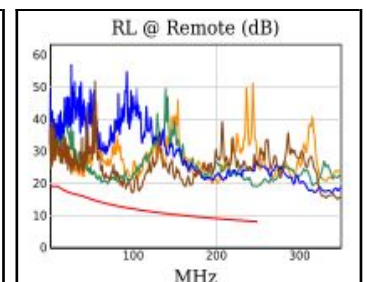
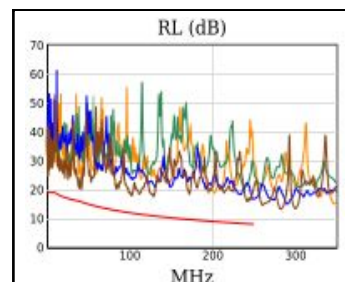
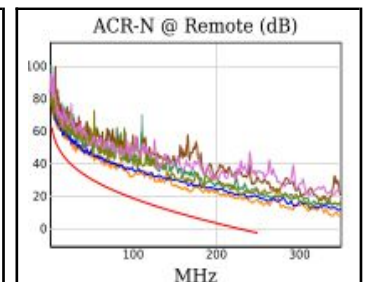
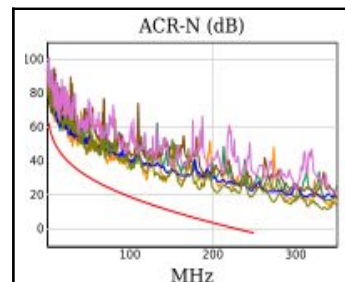
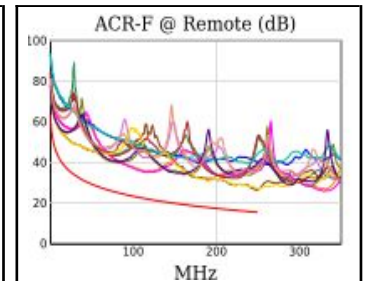
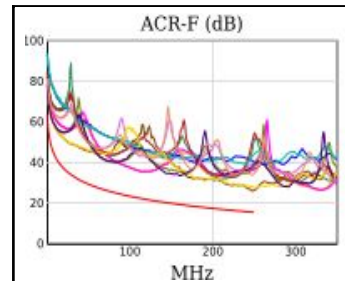
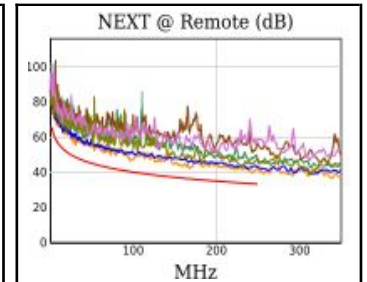
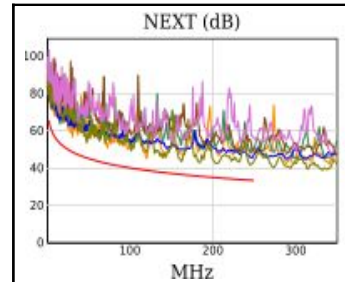
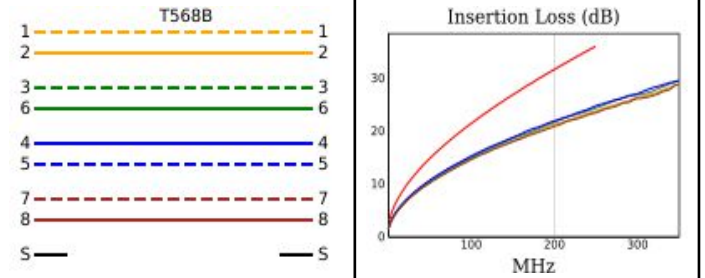
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	7,8	7,8
RL (dB)	4.2	5.0	7.6	5.0
Freq. (MHz)	42.3	100.5	242.5	100.5
Limit (dB)	15.7	12.0	8.2	12.0

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: 2-7-2 @ 203

Date / Time: 08/05/2025 04:22:19 PM

Headroom: 3.1 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: IDF2

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

Main S/N: 1927404

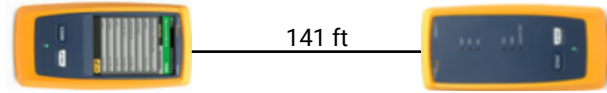
Remote S/N: 1927408

Main Adapter: DSX-CHA804

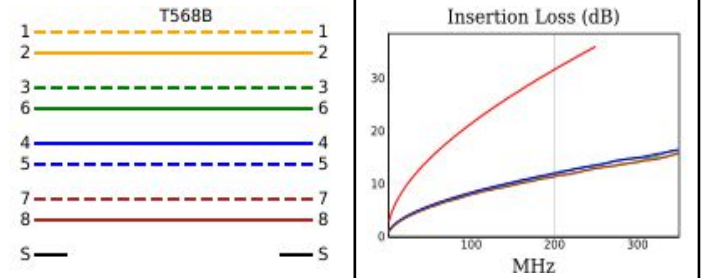
Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 7,8]	141
Prop. Delay (ns), Limit 555	[Pair 4,5]	218
Delay Skew (ns), Limit 50	[Pair 4,5]	10
Resistance (ohms)	[Pair 3,6]	6.7
Insertion Loss Margin (dB)	[Pair 4,5]	22.4
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	35.9



PASS



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)	3.6	3.1	5.5	4.6
Freq. (MHz)	147.5	150.5	240.5	240.0
Limit (dB)	37.1	36.9	33.4	33.4
Worst Pair	7,8	3,6	7,8	3,6
PS NEXT (dB)	5.0	4.4	6.0	4.9
Freq. (MHz)	147.5	148.0	240.5	240.5
Limit (dB)	34.2	34.1	30.4	30.4

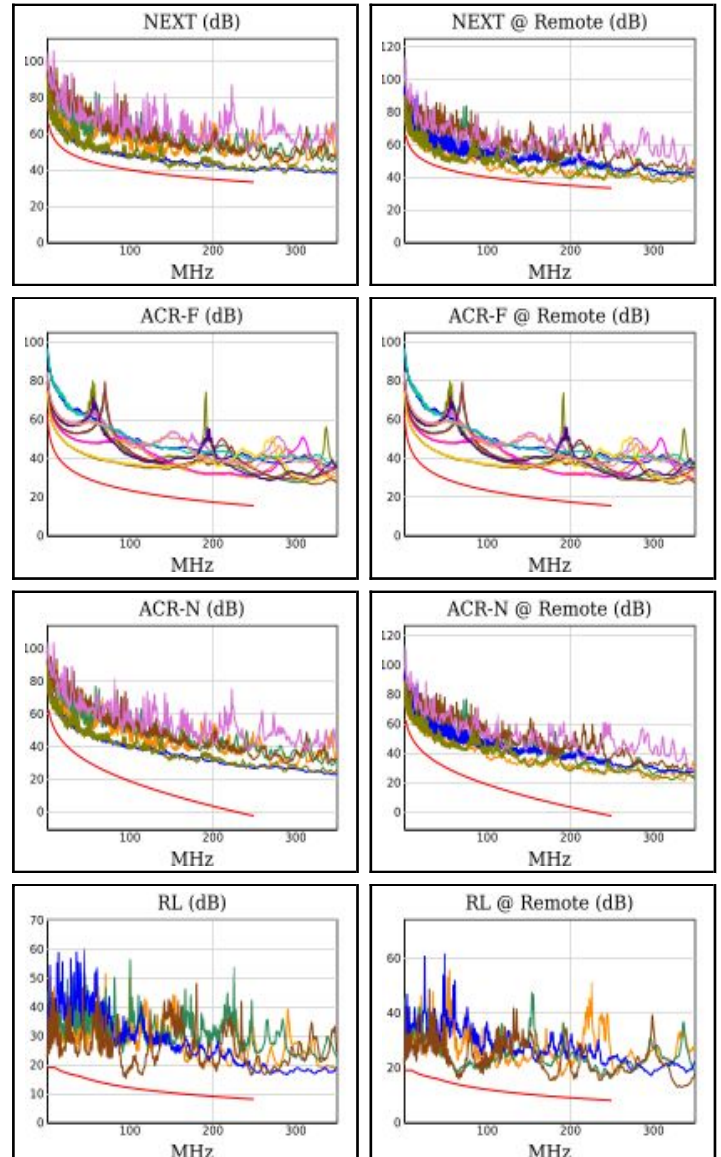
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	3,6-4,5	1,2-3,6	1,2-3,6
ACR-F (dB)	11.4	11.3	14.3	14.6
Freq. (MHz)	5.3	5.3	241.0	243.0
Limit (dB)	48.9	48.9	15.6	15.5
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	12.4	12.5	15.0	15.1
Freq. (MHz)	5.3	3.0	249.5	247.0
Limit (dB)	45.9	50.7	12.3	12.4

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	1,2-3,6	1,2-7,8	1,2-3,6
ACR-N (dB)	8.5	8.0	29.1	27.1
Freq. (MHz)	4.8	5.1	250.0	241.0
Limit (dB)	57.5	56.8	-2.8	-1.8
Worst Pair	3,6	3,6	7,8	3,6
PS ACR-N (dB)	8.7	7.9	28.5	26.9
Freq. (MHz)	5.0	4.9	240.5	240.5
Limit (dB)	54.5	54.7	-4.7	-4.7

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	7,8	7,8
RL (dB)	3.0	2.0	3.0	7.0
Freq. (MHz)	95.8	66.8	95.8	235.5
Limit (dB)	12.2	13.8	12.2	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: 2-7-20 @ ANTRENOR

Date / Time: 08/05/2025 05:14:24 PM

Headroom: 6.4 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: IDF2

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

Main S/N: 1927404

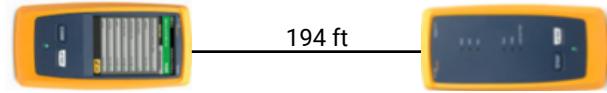
Remote S/N: 1927408

Main Adapter: DSX-CHA804

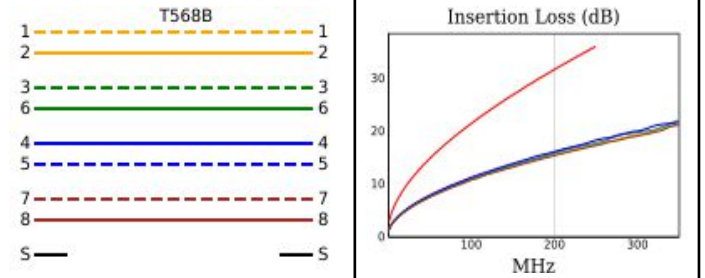
Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 7,8]	194
Prop. Delay (ns), Limit 555	[Pair 4,5]	300
Delay Skew (ns), Limit 50	[Pair 4,5]	15
Resistance (ohms)	[Pair 3,6]	9.2
Insertion Loss Margin (dB)	[Pair 4,5]	17.7
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	35.9



PASS



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	1,2-3,6	3,6-7,8	1,2-3,6
NEXT (dB)	8.8	6.4	8.8	6.4
Freq. (MHz)	231.5	231.5	231.5	231.5
Limit (dB)	33.7	33.7	33.7	33.7
Worst Pair	3,6	3,6	3,6	1,2
PS NEXT (dB)	9.3	7.8	9.4	8.0
Freq. (MHz)	237.0	157.0	237.5	250.0
Limit (dB)	30.6	33.7	30.5	30.2

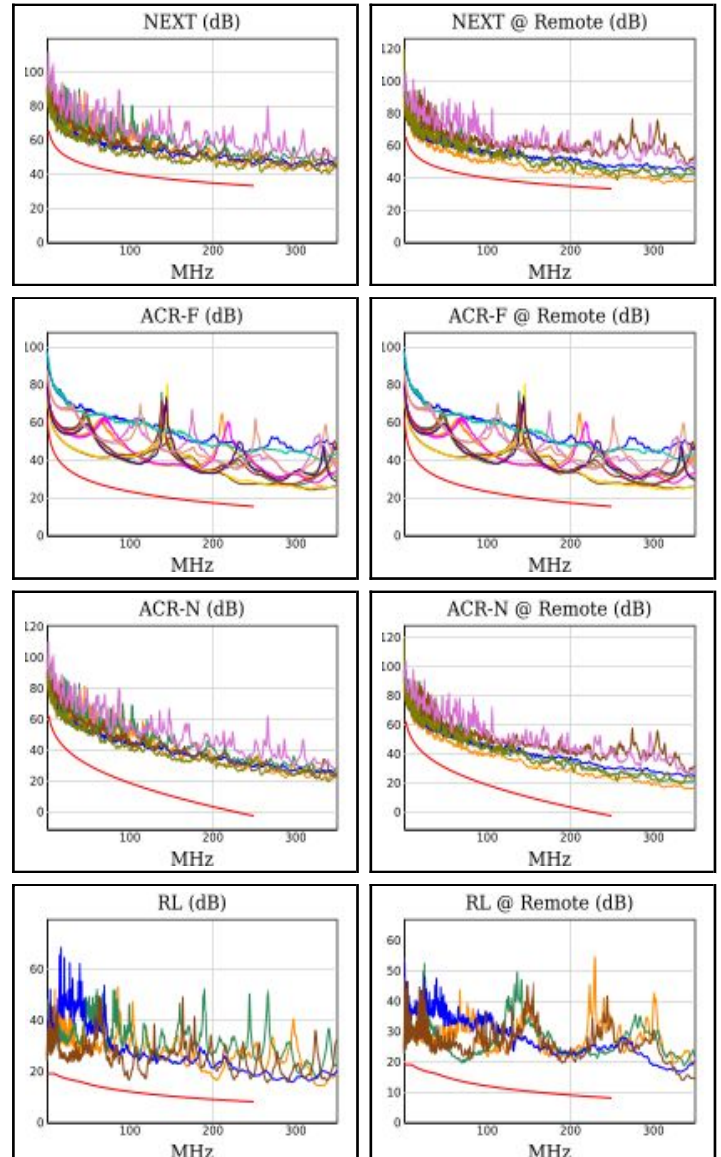
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	3,6-4,5	4,5-3,6
ACR-F (dB)	11.3	11.5	11.7	11.8
Freq. (MHz)	234.0	234.0	247.5	241.0
Limit (dB)	15.9	15.9	15.4	15.6
Worst Pair	3,6	3,6	4,5	4,5
PS ACR-F (dB)	12.4	12.5	13.7	14.1
Freq. (MHz)	7.3	7.5	238.0	250.0
Limit (dB)	43.1	42.8	12.7	12.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-4,5	3,6-7,8	1,2-3,6
ACR-N (dB)	13.3	13.0	26.7	25.7
Freq. (MHz)	12.5	3.3	231.5	250.0
Limit (dB)	47.9	60.9	-0.7	-2.8
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	13.3	11.9	26.9	26.4
Freq. (MHz)	3.4	3.3	237.5	250.0
Limit (dB)	58.0	58.4	-4.3	-5.8

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	3,6	1,2	7,8
RL (dB)	4.6	6.1	7.4	10.3
Freq. (MHz)	99.5	70.0	205.5	190.5
Limit (dB)	12.0	13.5	8.9	9.2

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		





Cable ID: 2-7-21 @ OUTSIDE OF FITNESS CENTER

Test Summary: PASS

Date / Time: 08/05/2025 05:10:06 PM

Headroom: 6.4 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: IDF2

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

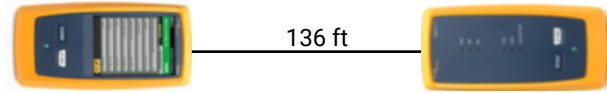
Main S/N: 1927404

Remote S/N: 1927408

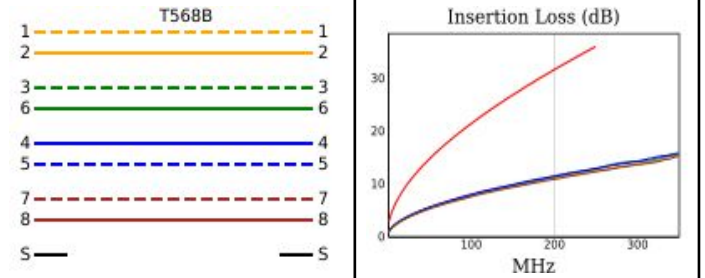
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 7,8]	136
Prop. Delay (ns), Limit 555	[Pair 4,5]	211
Delay Skew (ns), Limit 50	[Pair 4,5]	10
Resistance (ohms)	[Pair 3,6]	6.6
Insertion Loss Margin (dB)	[Pair 4,5]	23.0
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	35.9



PASS



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	3,6-7,8	1,2-3,6
NEXT (dB)	8.4	6.4	9.0	7.6
Freq. (MHz)	84.3	168.5	240.5	240.5
Limit (dB)	41.2	36.1	33.4	33.4
Worst Pair	3,6	1,2	3,6	3,6
PS NEXT (dB)	9.9	7.8	10.3	8.2
Freq. (MHz)	105.5	147.0	240.0	243.0
Limit (dB)	36.7	34.2	30.5	30.4

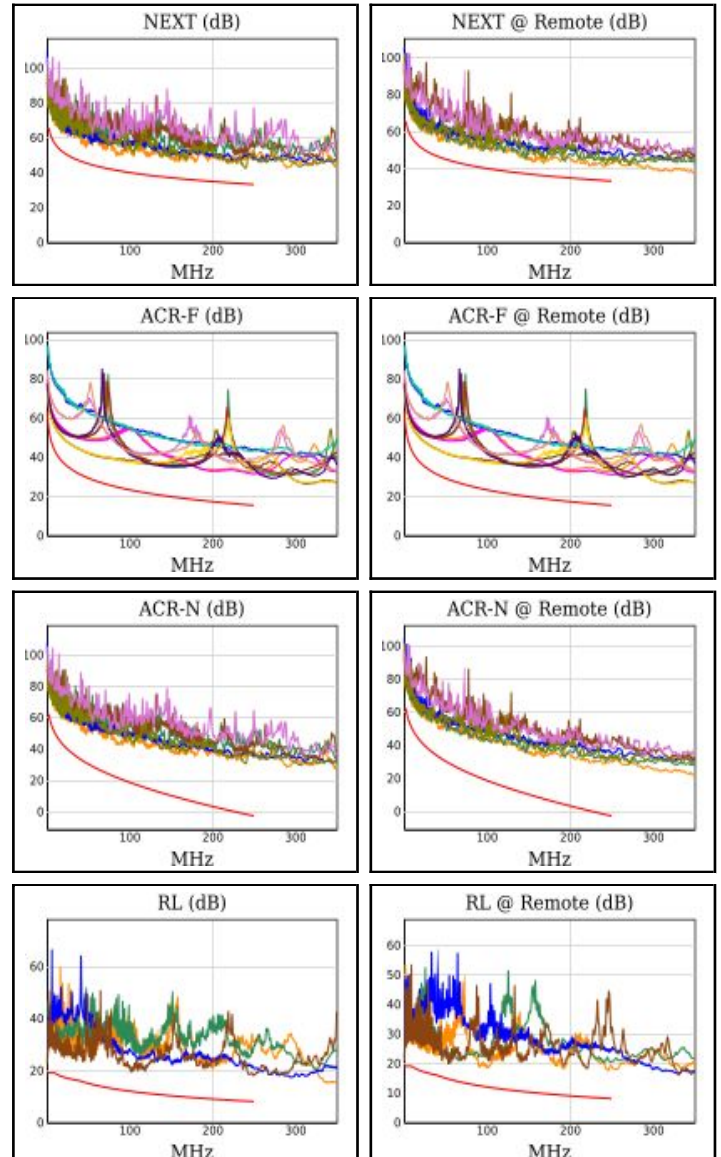
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-1,2	1,2-3,6
ACR-F (dB)	12.0	11.9	16.0	15.7
Freq. (MHz)	5.6	13.6	249.5	249.5
Limit (dB)	48.3	40.6	15.3	15.3
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	12.2	12.2	16.9	15.6
Freq. (MHz)	5.3	1.0	249.0	250.0
Limit (dB)	45.9	60.3	12.3	12.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	3,6-7,8	1,2-3,6
ACR-N (dB)	13.8	12.7	32.1	30.4
Freq. (MHz)	2.9	2.6	240.5	241.0
Limit (dB)	61.6	61.7	-1.7	-1.8
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	14.0	12.8	33.0	31.1
Freq. (MHz)	2.8	2.6	240.0	243.0
Limit (dB)	58.6	58.7	-4.6	-5.0

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	7,8	1,2
RL (dB)	7.2	4.9	9.9	9.5
Freq. (MHz)	36.0	54.0	249.5	246.5
Limit (dB)	16.2	14.7	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		





Cable ID: 2-7-22 @ OUTSIDE OF FITNESS CENTER

Test Summary: PASS

Date / Time: 08/05/2025 05:06:58 PM

Headroom: 6.1 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: IDF2

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

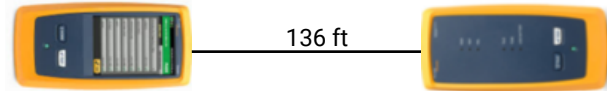
Main S/N: 1927404

Remote S/N: 1927408

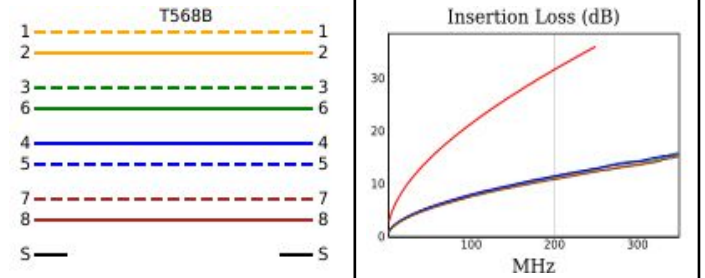
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 7,8]	136
Prop. Delay (ns), Limit 555	[Pair 4,5]	211
Delay Skew (ns), Limit 50	[Pair 4,5]	10
Resistance (ohms)	[Pair 3,6]	6.6
Insertion Loss Margin (dB)	[Pair 4,5]	23.1
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	35.9



PASS



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	3,6-7,8	1,2-3,6
NEXT (dB)	8.5	6.1	8.8	7.1
Freq. (MHz)	84.3	168.5	240.5	240.5
Limit (dB)	41.2	36.1	33.4	33.4
Worst Pair	3,6	1,2	3,6	3,6
PS NEXT (dB)	9.7	7.4	10.5	8.0
Freq. (MHz)	105.5	147.0	240.0	243.0
Limit (dB)	36.7	34.2	30.5	30.4

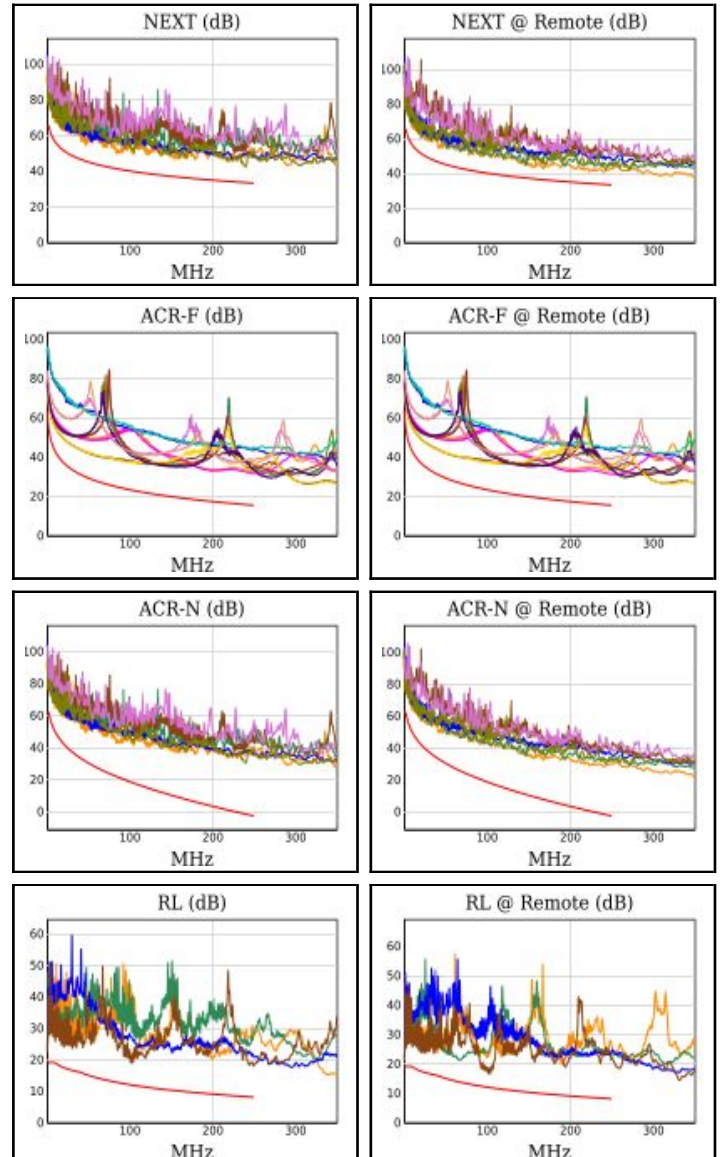
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	3,6-4,5	3,6-1,2	1,2-3,6
ACR-F (dB)	11.9	11.8	16.1	15.7
Freq. (MHz)	13.6	13.6	249.0	249.0
Limit (dB)	40.6	40.6	15.3	15.3
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	12.2	12.3	16.8	15.5
Freq. (MHz)	5.3	8.1	250.0	249.0
Limit (dB)	45.9	42.1	12.3	12.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	3,6-7,8	1,2-3,6
ACR-N (dB)	13.5	13.0	31.9	29.8
Freq. (MHz)	2.8	2.8	240.5	240.5
Limit (dB)	61.6	61.6	-1.7	-1.7
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	13.7	13.0	33.2	30.9
Freq. (MHz)	2.8	2.6	240.0	243.0
Limit (dB)	58.6	58.7	-4.6	-5.0

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	7,8	7,8
RL (dB)	6.5	4.5	9.7	4.5
Freq. (MHz)	21.0	104.5	250.0	104.5
Limit (dB)	17.4	11.8	8.0	11.8

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: 2-7-23@ OUTSIDE OF CHILD CARE

Test Summary: PASS

Date / Time: 08/05/2025 04:42:45 PM

Headroom: 4.2 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: IDF2

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

Main S/N: 1927404

Remote S/N: 1927408

Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 7,8]	75
Prop. Delay (ns), Limit 555	[Pair 4,5]	116
Delay Skew (ns), Limit 50	[Pair 4,5]	5
Resistance (ohms)	[Pair 3,6]	4.2
Insertion Loss Margin (dB)	[Pair 3,6]	28.5
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	3,6-7,8	3,6-4,5	3,6-7,8
NEXT (dB)	6.3	4.2	6.3	6.4
Freq. (MHz)	242.0	183.5	242.0	246.0
Limit (dB)	33.4	35.4	33.4	33.2
Worst Pair	3,6	3,6	4,5	3,6
PS NEXT (dB)	7.3	5.5	8.2	6.6
Freq. (MHz)	141.5	157.0	247.5	247.0
Limit (dB)	34.5	33.7	30.2	30.2

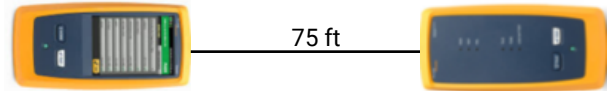
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	3,6-4,5	3,6-4,5	4,5-3,6
ACR-F (dB)	12.2	12.1	13.0	12.9
Freq. (MHz)	109.0	109.0	203.0	203.0
Limit (dB)	22.5	22.5	17.1	17.1
Worst Pair	3,6	3,6	4,5	4,5
PS ACR-F (dB)	12.4	12.8	15.8	15.0
Freq. (MHz)	1.4	5.6	250.0	247.0
Limit (dB)	57.5	45.3	12.3	12.4

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	3,6-7,8
ACR-N (dB)	11.5	12.4	35.0	35.2
Freq. (MHz)	4.1	4.4	247.0	246.0
Limit (dB)	58.7	58.2	-2.5	-2.4
Worst Pair	3,6	3,6	4,5	3,6
PS ACR-N (dB)	10.8	10.8	36.6	34.9
Freq. (MHz)	4.8	4.4	247.5	247.0
Limit (dB)	54.9	55.7	-5.5	-5.4

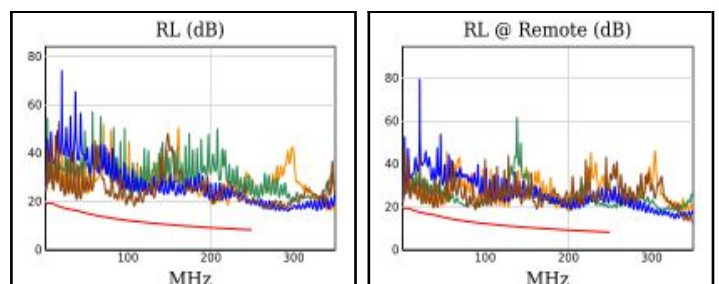
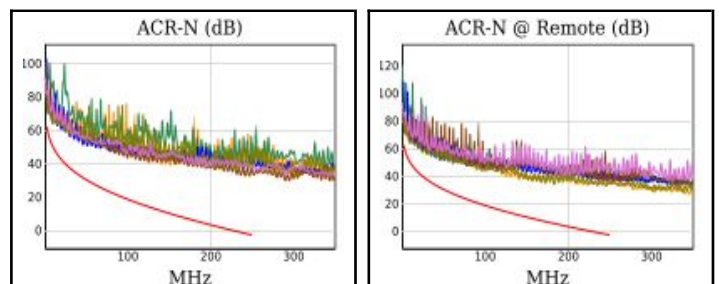
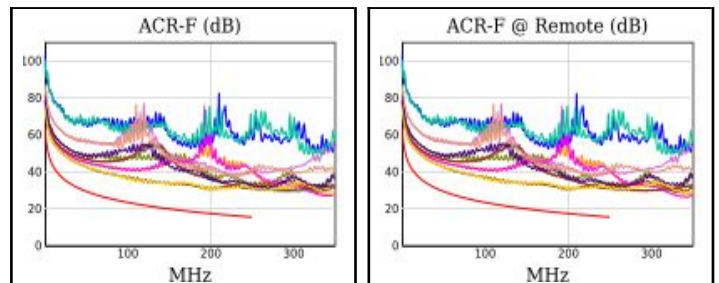
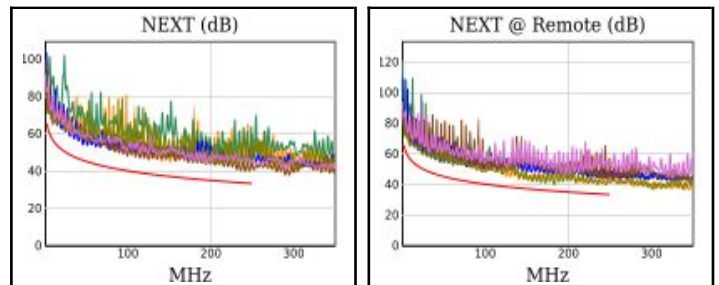
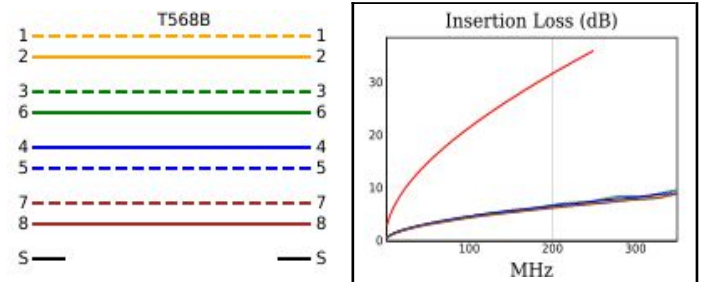
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	7,8	1,2
RL (dB)	6.2	6.0	6.3	8.6
Freq. (MHz)	108.0	89.0	108.5	200.5
Limit (dB)	11.7	12.5	11.6	9.0

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: 2-7-24@ OUTSIDE OF CHILD CARE

Test Summary: PASS

Date / Time: 08/05/2025 04:43:32 PM

Headroom: 3.8 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: IDF2

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

Main S/N: 1927404

Remote S/N: 1927408

Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 7,8]	76
Prop. Delay (ns), Limit 555	[Pair 4,5]	118
Delay Skew (ns), Limit 50	[Pair 4,5]	6
Resistance (ohms)	[Pair 3,6]	4.2
Insertion Loss Margin (dB)	[Pair 3,6]	28.5
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	3,6-7,8	1,2-3,6	3,6-7,8	1,2-3,6
NEXT (dB)	3.8	4.2	4.0	4.2
Freq. (MHz)	156.0	226.5	233.5	226.5
Limit (dB)	36.6	33.9	33.6	33.9
Worst Pair	7,8	3,6	7,8	3,6
PS NEXT (dB)	5.2	5.6	5.2	5.6
Freq. (MHz)	233.5	233.0	233.5	233.0
Limit (dB)	30.7	30.7	30.7	30.7

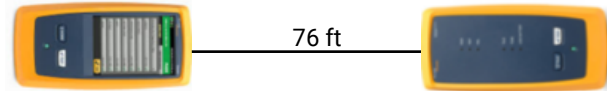
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	3,6-4,5	7,8-3,6	7,8-3,6
ACR-F (dB)	12.2	12.2	13.3	13.4
Freq. (MHz)	5.6	113.0	250.0	250.0
Limit (dB)	48.3	22.2	15.3	15.3
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	11.7	11.8	14.7	15.6
Freq. (MHz)	5.6	5.6	250.0	250.0
Limit (dB)	45.3	45.3	12.3	12.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	1,2-3,6	3,6-7,8	1,2-3,6
ACR-N (dB)	9.3	10.9	31.7	31.8
Freq. (MHz)	4.3	4.5	233.5	233.0
Limit (dB)	58.5	58.0	-0.9	-0.8
Worst Pair	3,6	3,6	7,8	3,6
PS ACR-N (dB)	9.5	10.2	32.9	32.9
Freq. (MHz)	4.4	4.3	233.5	233.0
Limit (dB)	55.7	56.0	-3.8	-3.8

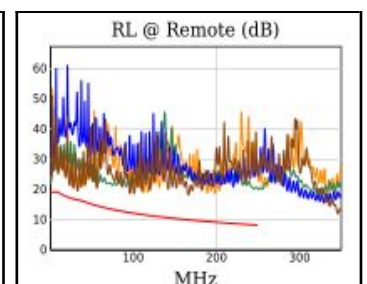
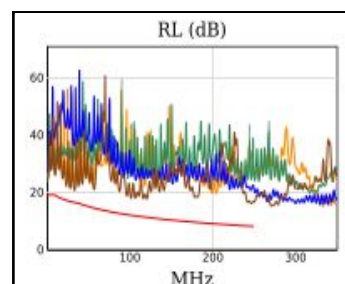
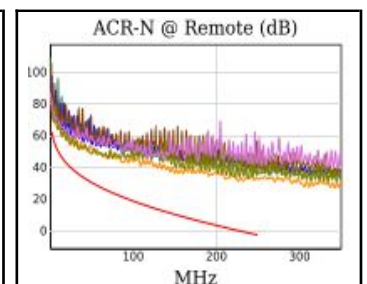
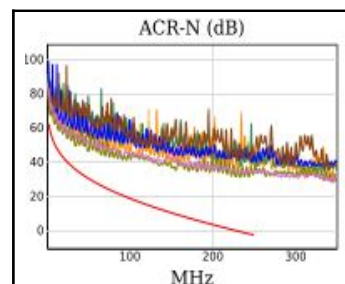
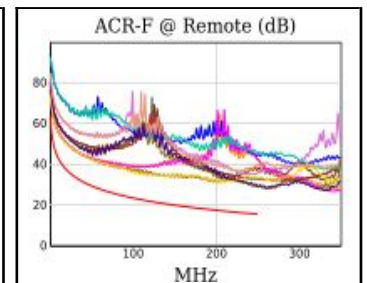
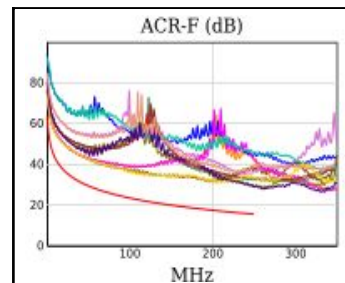
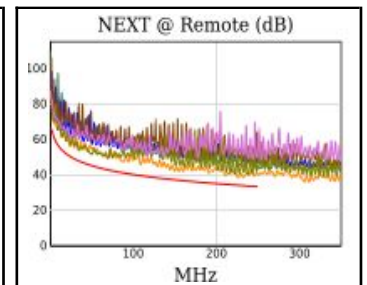
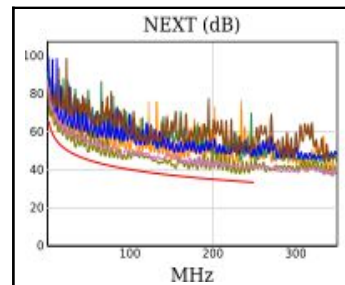
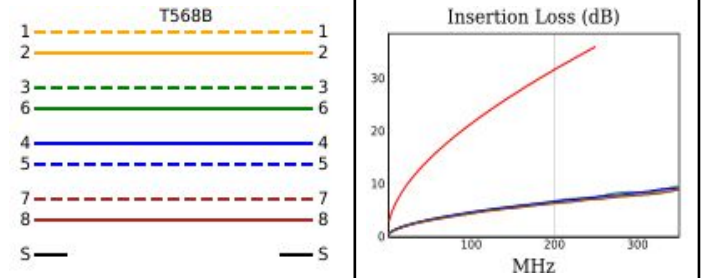
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	7,8	7,8
RL (dB)	5.8	5.8	7.9	8.1
Freq. (MHz)	102.0	57.0	247.0	167.0
Limit (dB)	11.9	14.4	8.1	9.8

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: 2-7-3 @ 202

Date / Time: 08/05/2025 04:16:37 PM

Headroom: 5.2 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: IDF2

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

Main S/N: 1927404

Remote S/N: 1927408

Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 7,8]	100
Prop. Delay (ns), Limit 555	[Pair 4,5]	156
Delay Skew (ns), Limit 50	[Pair 4,5]	8
Resistance (ohms)	[Pair 3,6]	5.2
Insertion Loss Margin (dB)	[Pair 4,5]	26.1
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	35.9

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-3,6	1,2-7,8	1,2-3,6
NEXT (dB)	6.3	5.2	7.0	5.4
Freq. (MHz)	37.5	230.5	229.0	242.0
Limit (dB)	47.1	33.7	33.8	33.4
Worst Pair	7,8	3,6	1,2	1,2
PS NEXT (dB)	7.4	7.4	8.3	7.5
Freq. (MHz)	37.0	230.5	234.5	242.5
Limit (dB)	44.5	30.8	30.6	30.4

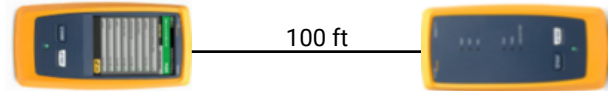
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	7,8-3,6	7,8-3,6
ACR-F (dB)	13.3	13.3	13.9	16.0
Freq. (MHz)	60.3	56.3	197.5	248.0
Limit (dB)	27.7	28.3	17.3	15.4
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	12.1	12.2	17.3	16.0
Freq. (MHz)	1.4	1.0	250.0	248.0
Limit (dB)	57.5	60.3	12.3	12.4

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	3,6-4,5	1,2-7,8	1,2-3,6
ACR-N (dB)	13.2	13.6	33.4	31.2
Freq. (MHz)	7.3	3.0	237.0	242.0
Limit (dB)	53.5	61.5	-1.3	-1.9
Worst Pair	7,8	7,8	7,8	3,6
PS ACR-N (dB)	13.3	13.7	35.2	33.3
Freq. (MHz)	7.0	3.5	247.0	242.5
Limit (dB)	51.3	57.7	-5.4	-4.9

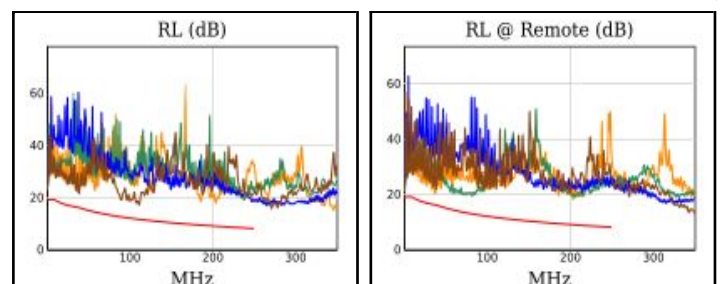
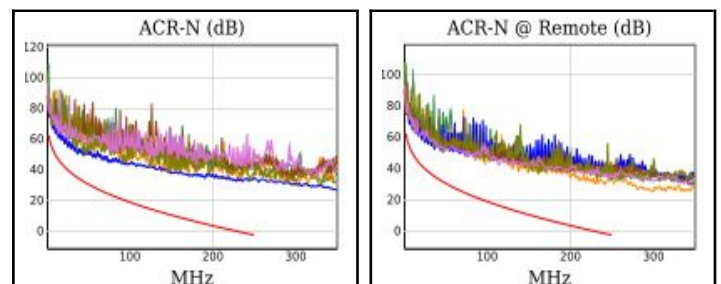
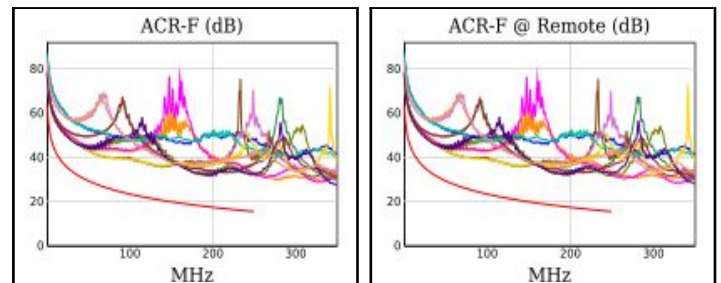
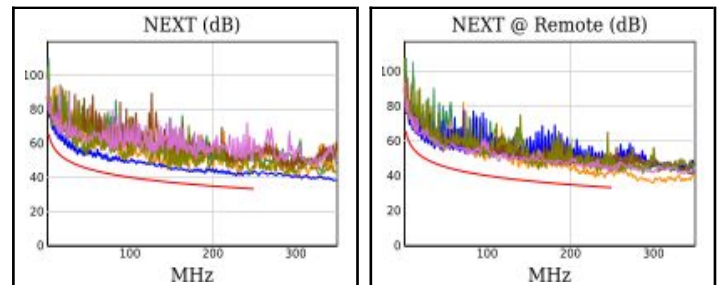
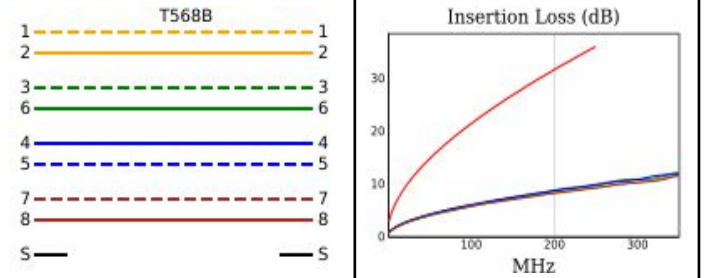
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	7,8	1,2
RL (dB)	5.4	3.9	5.5	8.9
Freq. (MHz)	39.3	38.3	111.5	204.0
Limit (dB)	16.0	16.1	11.5	8.9

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: 2-7-4 @ 201

Date / Time: 08/05/2025 03:50:52 PM

Headroom: 2.3 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: IDF2

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

Main S/N: 1927404

Remote S/N: 1927408

Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 7,8]	75
Prop. Delay (ns), Limit 555	[Pair 4,5]	115
Delay Skew (ns), Limit 50	[Pair 4,5]	5
Resistance (ohms)	[Pair 3,6]	4.3
Insertion Loss Margin (dB)	[Pair 3,6]	28.5
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	1,2-7,8	1,2-7,8	3,6-4,5	1,2-7,8
NEXT (dB)	5.8	2.3	8.2	2.3
Freq. (MHz)	34.3	224.5	235.0	224.5
Limit (dB)	47.8	33.9	33.6	33.9
Worst Pair	7,8	1,2	3,6	1,2
PS NEXT (dB)	6.7	3.8	9.0	3.8
Freq. (MHz)	103.0	230.5	232.0	230.5
Limit (dB)	36.9	30.8	30.7	30.8

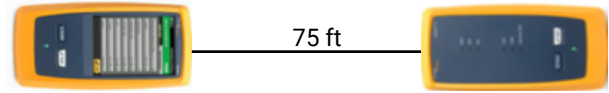
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	3,6-4,5	4,5-3,6	4,5-3,6
ACR-F (dB)	11.7	11.7	12.1	12.2
Freq. (MHz)	5.9	5.9	218.5	210.0
Limit (dB)	47.9	47.9	16.5	16.8
Worst Pair	3,6	3,6	3,6	4,5
PS ACR-F (dB)	12.7	12.7	14.2	14.1
Freq. (MHz)	1.3	1.0	250.0	249.5
Limit (dB)	58.3	60.3	12.3	12.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-7,8	3,6-4,5	1,2-7,8
ACR-N (dB)	11.8	10.8	37.5	29.5
Freq. (MHz)	7.9	7.9	250.0	224.5
Limit (dB)	52.7	52.7	-2.8	0.2
Worst Pair	3,6	1,2	3,6	1,2
PS ACR-N (dB)	12.3	12.2	36.4	31.4
Freq. (MHz)	4.8	3.5	233.0	230.5
Limit (dB)	54.9	57.7	-3.8	-3.5

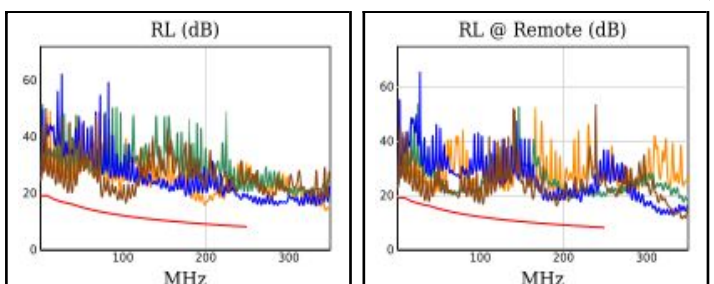
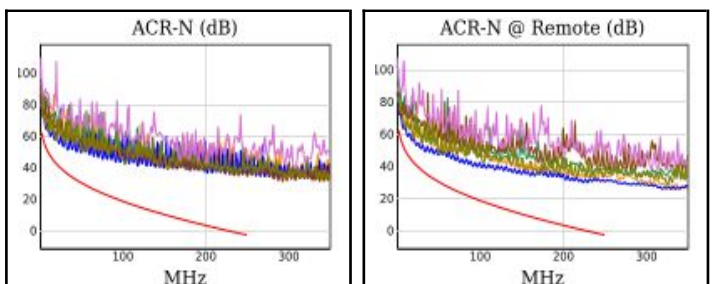
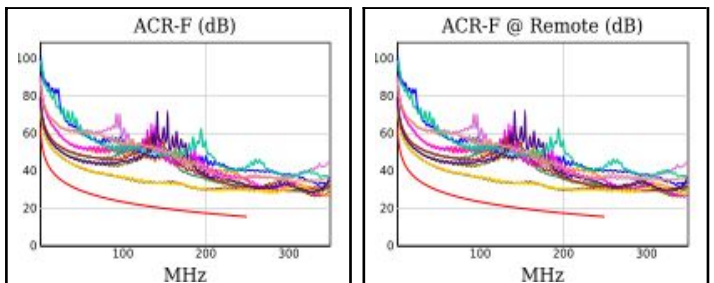
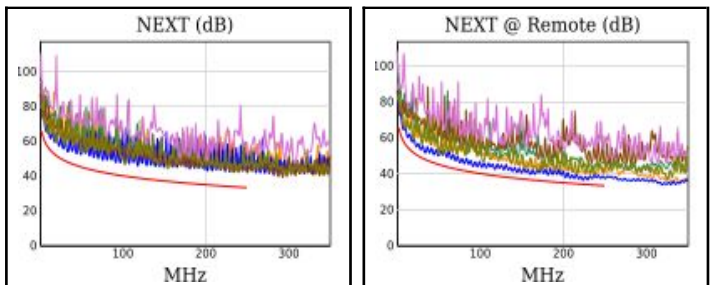
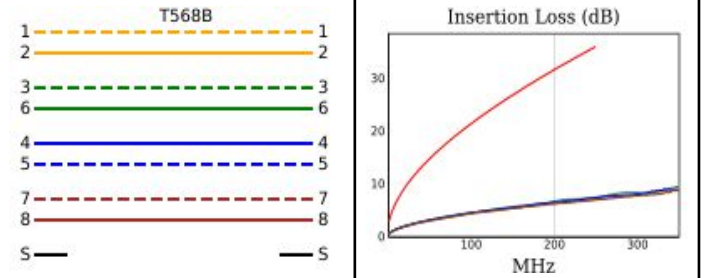
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	1,2	7,8
RL (dB)	4.6	4.7	6.7	6.8
Freq. (MHz)	104.5	104.0	199.0	192.5
Limit (dB)	11.8	11.8	9.0	9.2

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: 2-7-5 @ 203B

Date / Time: 08/05/2025 04:29:17 PM

Headroom: 5.5 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: IDF2

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

Main S/N: 1927404

Remote S/N: 1927408

Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 7,8]	145
Prop. Delay (ns), Limit 555	[Pair 4,5]	224
Delay Skew (ns), Limit 50	[Pair 4,5]	11
Resistance (ohms)	[Pair 3,6]	6.9
Insertion Loss Margin (dB)	[Pair 4,5]	22.0
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	35.9

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
NEXT (dB)	6.3	5.5	7.0	5.9
Freq. (MHz)	145.5	89.0	217.0	227.0
Limit (dB)	37.2	40.8	34.2	33.8
Worst Pair	3,6	1,2	1,2	1,2
PS NEXT (dB)	7.1	7.2	7.9	7.2
Freq. (MHz)	145.5	227.0	217.0	227.0
Limit (dB)	34.3	30.9	31.2	30.9

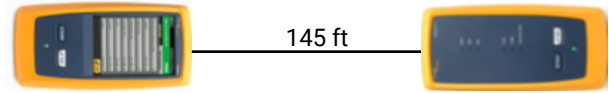
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	3,6-4,5	4,5-3,6
ACR-F (dB)	12.6	12.8	12.6	12.9
Freq. (MHz)	246.0	245.5	246.0	246.0
Limit (dB)	15.4	15.5	15.4	15.4
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	12.7	12.2	14.0	12.2
Freq. (MHz)	5.3	248.0	250.0	248.0
Limit (dB)	45.9	12.4	12.3	12.4

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-4,5	1,2-3,6	1,2-3,6
ACR-N (dB)	13.4	12.3	27.3	27.6
Freq. (MHz)	7.1	3.9	217.0	234.0
Limit (dB)	53.6	59.3	1.1	-1.0
Worst Pair	1,2	1,2	3,6	1,2
PS ACR-N (dB)	12.6	11.6	28.6	28.5
Freq. (MHz)	5.0	5.0	219.5	227.0
Limit (dB)	54.5	54.5	-2.1	-3.1

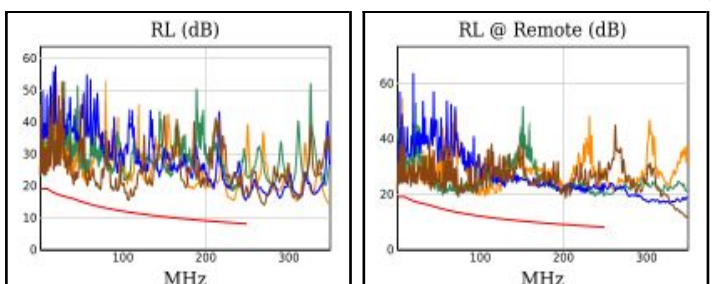
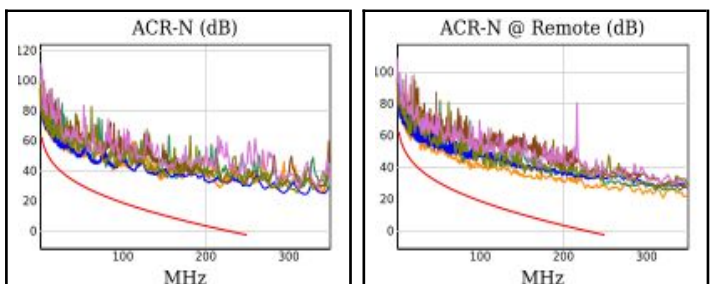
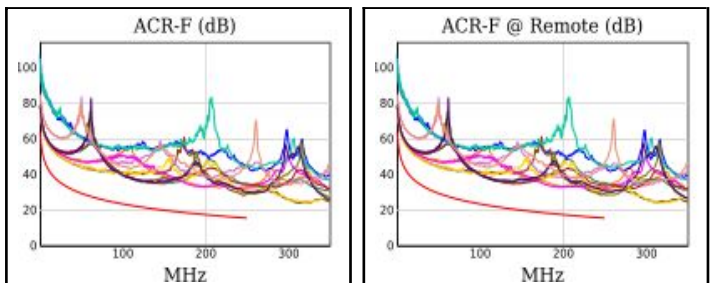
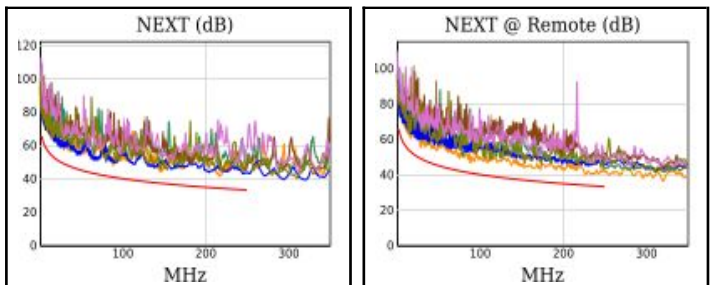
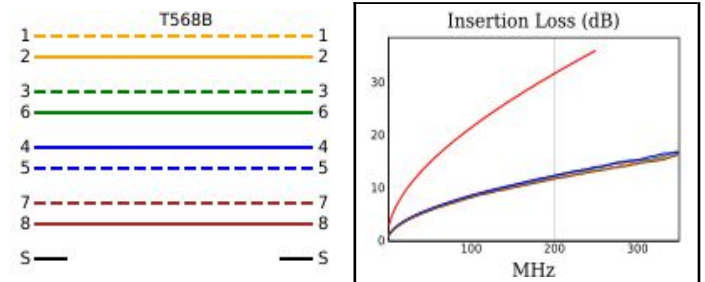
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	3,6	1,2	7,8
RL (dB)	3.7	4.8	7.1	9.5
Freq. (MHz)	107.5	55.5	234.5	203.5
Limit (dB)	11.7	14.6	8.3	8.9

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: 2-7-5 @ OUTSIDE OF 202

Date / Time: 08/05/2025 04:14:54 PM

Headroom: 5.6 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: IDF2

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

Main S/N: 1927404

Remote S/N: 1927408

Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 7,8]	151
Prop. Delay (ns), Limit 555	[Pair 4,5]	235
Delay Skew (ns), Limit 50	[Pair 4,5]	12
Resistance (ohms)	[Pair 3,6]	7.0
Insertion Loss Margin (dB)	[Pair 4,5]	21.4
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	35.9

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-3,6	1,2-7,8	1,2-3,6
NEXT (dB)	7.5	5.6	8.0	5.6
Freq. (MHz)	176.0	222.5	243.5	222.5
Limit (dB)	35.7	34.0	33.3	34.0
Worst Pair	1,2	1,2	7,8	3,6
PS NEXT (dB)	8.4	6.6	8.6	7.3
Freq. (MHz)	82.3	82.5	224.5	228.0
Limit (dB)	38.5	38.5	31.0	30.9

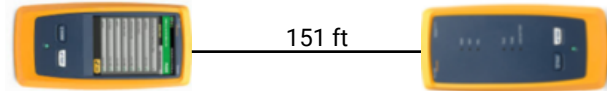
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-4,5	7,8-3,6	7,8-3,6
ACR-F (dB)	12.2	12.2	12.8	12.7
Freq. (MHz)	131.5	131.5	250.0	250.0
Limit (dB)	20.9	20.9	15.3	15.3
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	12.5	12.5	13.5	12.7
Freq. (MHz)	5.0	1.0	250.0	250.0
Limit (dB)	46.3	60.3	12.3	12.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	3,6-4,5	1,2-7,8	1,2-3,6
ACR-N (dB)	12.5	10.7	29.9	25.7
Freq. (MHz)	13.1	4.0	243.5	222.5
Limit (dB)	47.4	59.0	-2.1	0.4
Worst Pair	4,5	4,5	1,2	3,6
PS ACR-N (dB)	13.5	11.5	30.7	30.4
Freq. (MHz)	4.0	4.1	239.0	250.0
Limit (dB)	56.5	56.2	-4.5	-5.8

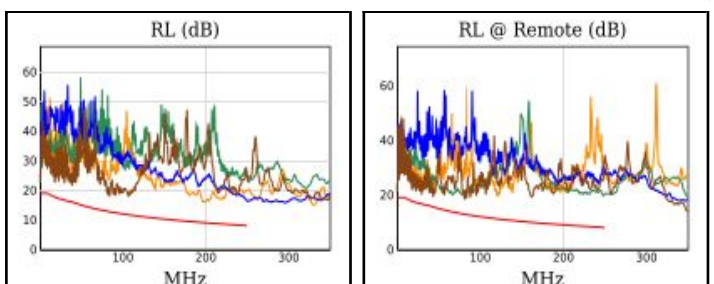
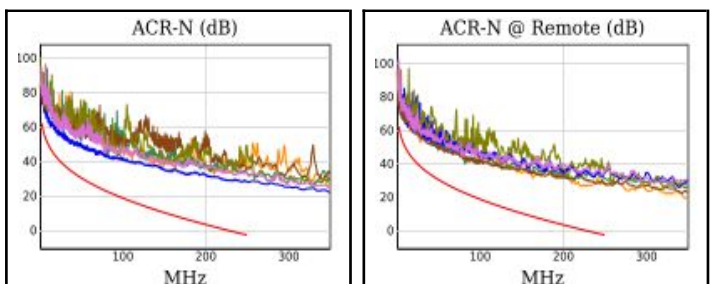
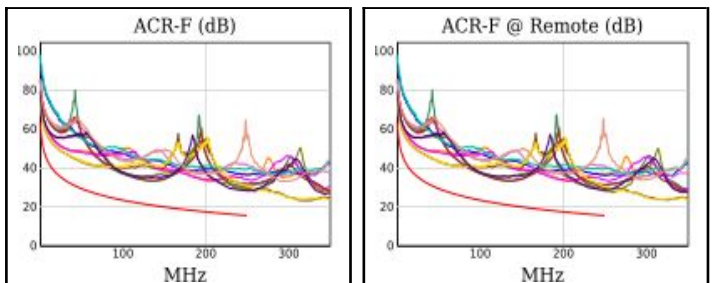
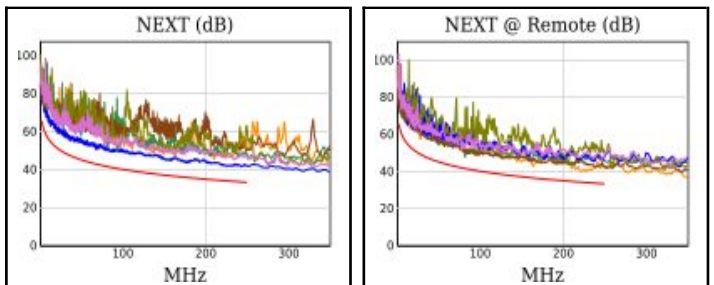
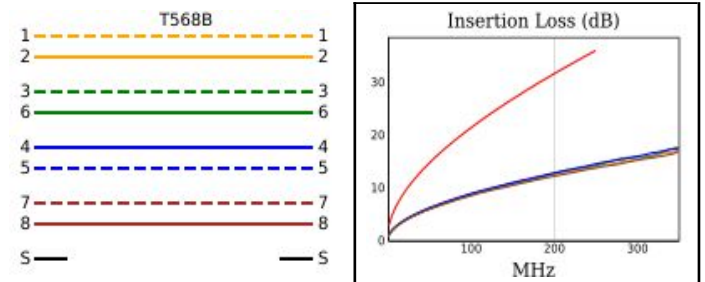
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	1,2	7,8
RL (dB)	5.0	3.6	6.9	5.5
Freq. (MHz)	18.5	30.1	199.5	81.8
Limit (dB)	17.7	16.6	9.0	12.9

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: 2-7-6 @ OUTSIDE OF 202

Test Summary: PASS

Date / Time: 08/05/2025 03:57:22 PM

Headroom: 4.3 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: IDF2

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

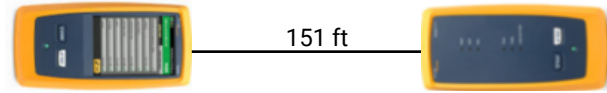
Main S/N: 1927404

Remote S/N: 1927408

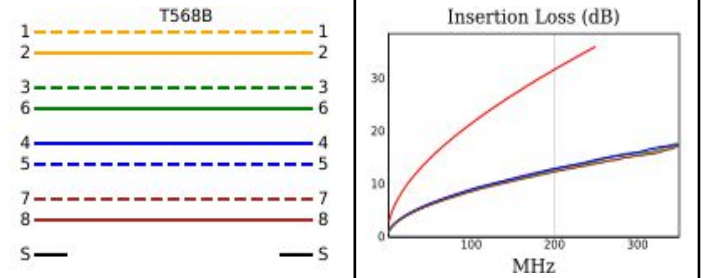
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 7,8]	151
Prop. Delay (ns), Limit 555	[Pair 4,5]	235
Delay Skew (ns), Limit 50	[Pair 4,5]	12
Resistance (ohms)	[Pair 3,6]	7.0
Insertion Loss Margin (dB)	[Pair 4,5]	21.4
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	35.9



PASS



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	1,2-3,6	3,6-7,8	1,2-3,6
NEXT (dB)	9.4	4.3	9.4	4.3
Freq. (MHz)	203.0	234.0	203.0	234.0
Limit (dB)	34.7	33.6	34.7	33.6
Worst Pair	1,2	1,2	3,6	1,2
PS NEXT (dB)	10.1	5.5	12.1	5.5
Freq. (MHz)	9.4	234.0	238.0	234.0
Limit (dB)	54.5	30.7	30.5	30.7

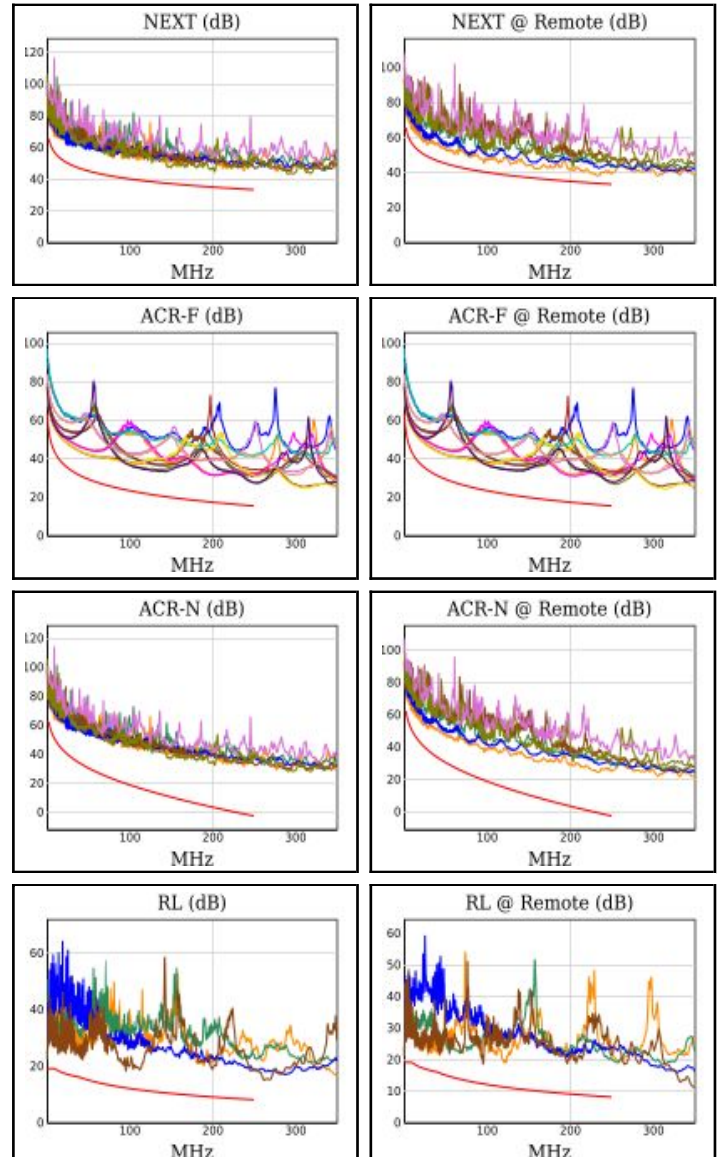
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8-3,6	7,8-3,6	7,8-3,6	7,8-3,6
ACR-F (dB)	12.1	11.8	12.1	11.8
Freq. (MHz)	250.0	250.0	250.0	250.0
Limit (dB)	15.3	15.3	15.3	15.3
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	11.5	11.6	12.7	12.4
Freq. (MHz)	9.1	9.1	250.0	249.0
Limit (dB)	41.1	41.1	12.3	12.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-N (dB)	13.1	10.5	32.9	25.1
Freq. (MHz)	9.4	4.5	238.5	234.0
Limit (dB)	50.9	58.0	-1.5	-1.0
Worst Pair	1,2	1,2	3,6	1,2
PS ACR-N (dB)	13.0	10.8	33.2	28.6
Freq. (MHz)	4.8	4.5	238.0	250.0
Limit (dB)	54.9	55.4	-4.4	-5.8

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	7,8	7,8
RL (dB)	5.9	4.8	10.0	6.2
Freq. (MHz)	95.8	29.5	246.0	95.8
Limit (dB)	12.2	16.7	8.1	12.2

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		





Cable ID: 2-7-7@ NURSE

Date / Time: 08/05/2025 03:53:34 PM

Headroom: 4.9 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: IDF2

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

Main S/N: 1927404

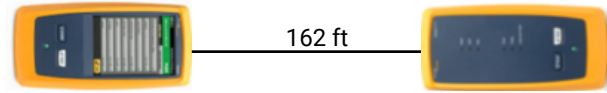
Remote S/N: 1927408

Main Adapter: DSX-CHA804

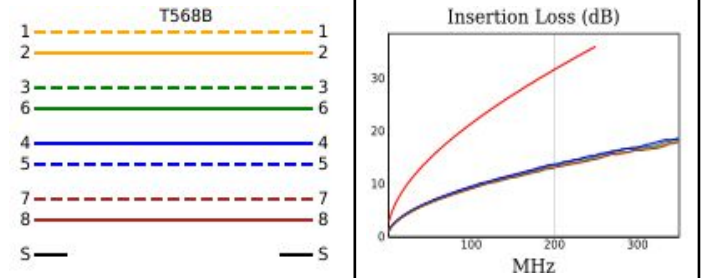
Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 7,8]	162
Prop. Delay (ns), Limit 555	[Pair 4,5]	252
Delay Skew (ns), Limit 50	[Pair 4,5]	13
Resistance (ohms)	[Pair 3,6]	7.9
Insertion Loss Margin (dB)	[Pair 4,5]	20.6
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	35.9



PASS



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
NEXT (dB)	4.9	5.1	6.3	5.3
Freq. (MHz)	165.0	170.5	233.5	242.5
Limit (dB)	36.2	36.0	33.6	33.3
Worst Pair	1,2	3,6	1,2	3,6
PS NEXT (dB)	5.9	6.3	6.6	7.2
Freq. (MHz)	165.0	113.0	240.0	242.5
Limit (dB)	33.3	36.2	30.5	30.4

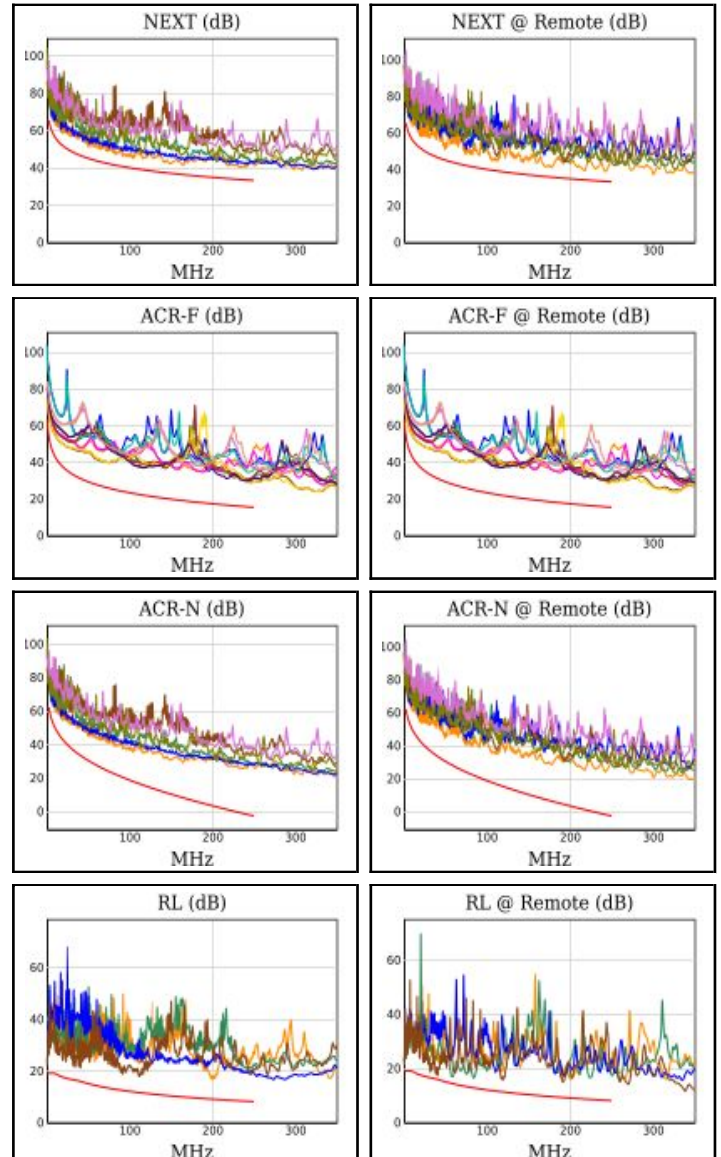
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	3,6-4,5	3,6-4,5	3,6-4,5
ACR-F (dB)	11.6	11.6	13.1	12.8
Freq. (MHz)	10.9	12.9	245.0	246.5
Limit (dB)	42.5	41.1	15.5	15.4
Worst Pair	3,6	3,6	3,6	4,5
PS ACR-F (dB)	12.2	12.4	13.6	13.5
Freq. (MHz)	10.9	13.1	245.5	247.0
Limit (dB)	39.5	37.9	12.5	12.4

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-3,6	1,2-3,6	1,2-3,6
ACR-N (dB)	10.1	10.7	26.2	25.8
Freq. (MHz)	6.9	4.3	233.5	242.5
Limit (dB)	54.0	58.5	-0.9	-2.0
Worst Pair	1,2	1,2	1,2	3,6
PS ACR-N (dB)	8.9	10.0	27.2	27.7
Freq. (MHz)	6.6	6.5	240.0	242.5
Limit (dB)	51.8	52.0	-4.6	-4.9

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	1,2	7,8
RL (dB)	5.0	1.2	7.3	5.6
Freq. (MHz)	34.8	41.0	201.0	191.5
Limit (dB)	16.3	15.9	9.0	9.2

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		





Cable ID: 2-7-8 @ 200

Date / Time: 08/05/2025 04:18:08 PM

Headroom: 6.4 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: IDF2

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

Main S/N: 1927404

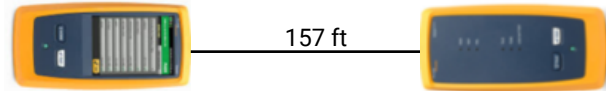
Remote S/N: 1927408

Main Adapter: DSX-CHA804

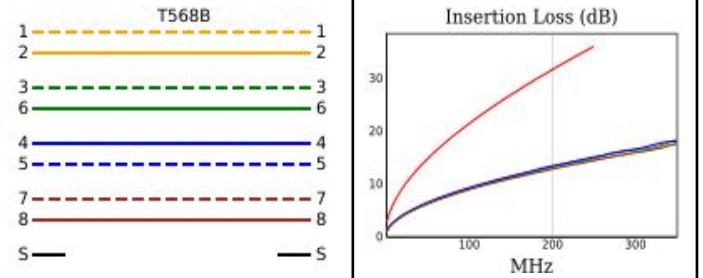
Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 7,8]	157
Prop. Delay (ns), Limit 555	[Pair 4,5]	244
Delay Skew (ns), Limit 50	[Pair 4,5]	12
Resistance (ohms)	[Pair 3,6]	7.3
Insertion Loss Margin (dB)	[Pair 4,5]	20.9
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	35.9



PASS



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	1,2-3,6	3,6-7,8	1,2-3,6
NEXT (dB)	9.4	6.4	9.4	6.4
Freq. (MHz)	204.0	229.5	204.0	229.5
Limit (dB)	34.6	33.8	34.6	33.8
Worst Pair	1,2	1,2	1,2	3,6
PS NEXT (dB)	10.2	7.1	12.1	7.7
Freq. (MHz)	8.9	79.5	246.0	236.0
Limit (dB)	54.9	38.8	30.3	30.6

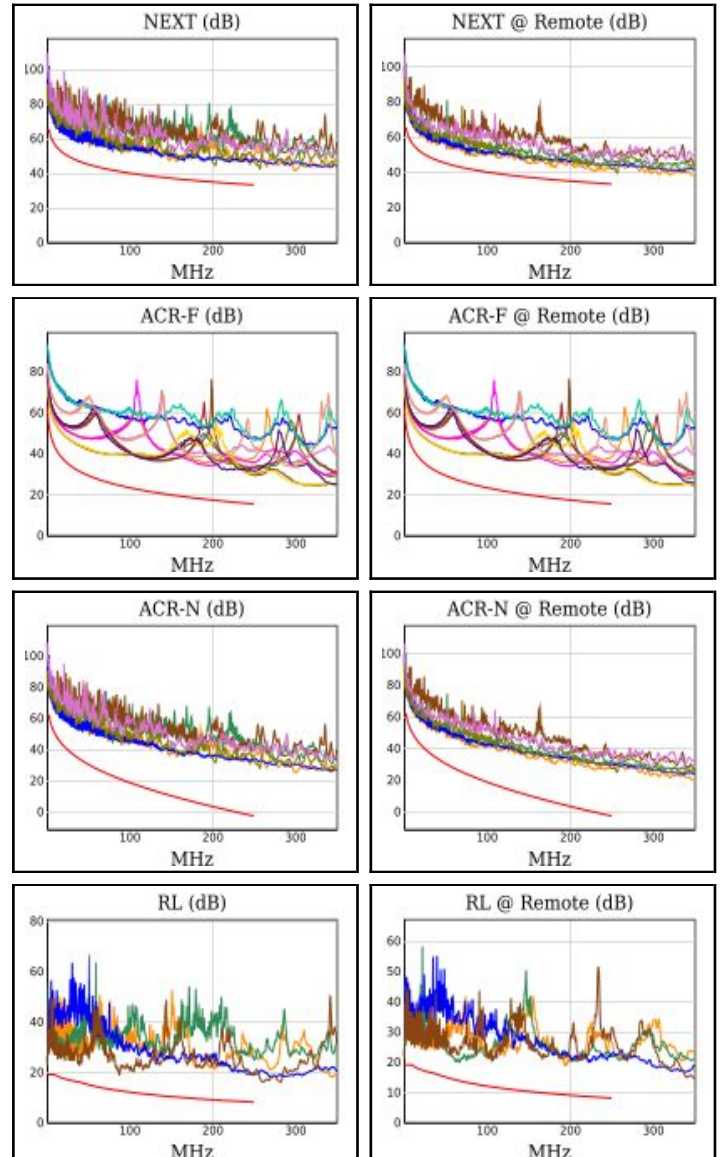
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	3,6-4,5	3,6-4,5	4,5-3,6
ACR-F (dB)	11.7	11.7	14.1	14.4
Freq. (MHz)	5.0	13.3	249.5	249.5
Limit (dB)	49.3	40.8	15.3	15.3
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	11.9	12.1	15.0	14.0
Freq. (MHz)	5.0	9.0	248.5	249.0
Limit (dB)	46.3	41.2	12.4	12.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-3,6	1,2-3,6	1,2-3,6
ACR-N (dB)	14.1	13.3	32.5	26.5
Freq. (MHz)	11.3	13.6	246.0	229.5
Limit (dB)	49.0	47.0	-2.4	-0.4
Worst Pair	1,2	1,2	1,2	3,6
PS ACR-N (dB)	13.7	12.9	33.4	29.5
Freq. (MHz)	8.9	8.9	246.0	250.0
Limit (dB)	48.9	48.9	-5.3	-5.8

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	3,6	7,8	1,2
RL (dB)	6.1	5.9	10.7	9.4
Freq. (MHz)	88.0	63.3	249.5	194.0
Limit (dB)	12.6	14.0	8.0	9.1

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		





Cable ID: 2-8-1 @ 100E

Date / Time: 08/05/2025 04:33:44 PM

Headroom: 4.8 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: IDF2

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

Main S/N: 1927404

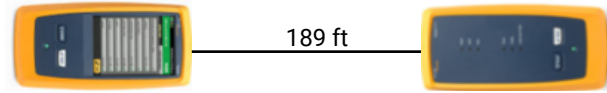
Remote S/N: 1927408

Main Adapter: DSX-CHA804

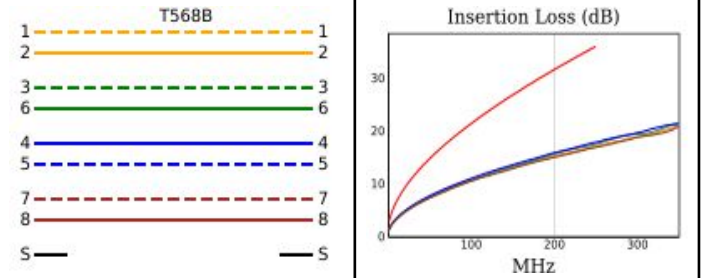
Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 7,8]	189
Prop. Delay (ns), Limit 555	[Pair 4,5]	292
Delay Skew (ns), Limit 50	[Pair 4,5]	14
Resistance (ohms)	[Pair 3,6]	8.8
Insertion Loss Margin (dB)	[Pair 4,5]	18.1
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	35.9



PASS



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-3,6	1,2-7,8	1,2-3,6
NEXT (dB)	5.6	4.8	5.8	4.8
Freq. (MHz)	234.5	226.0	242.0	226.0
Limit (dB)	33.6	33.9	33.4	33.9
Worst Pair	7,8	3,6	7,8	3,6
PS NEXT (dB)	6.1	6.6	6.1	6.6
Freq. (MHz)	242.5	226.5	242.5	226.5
Limit (dB)	30.4	30.9	30.4	30.9

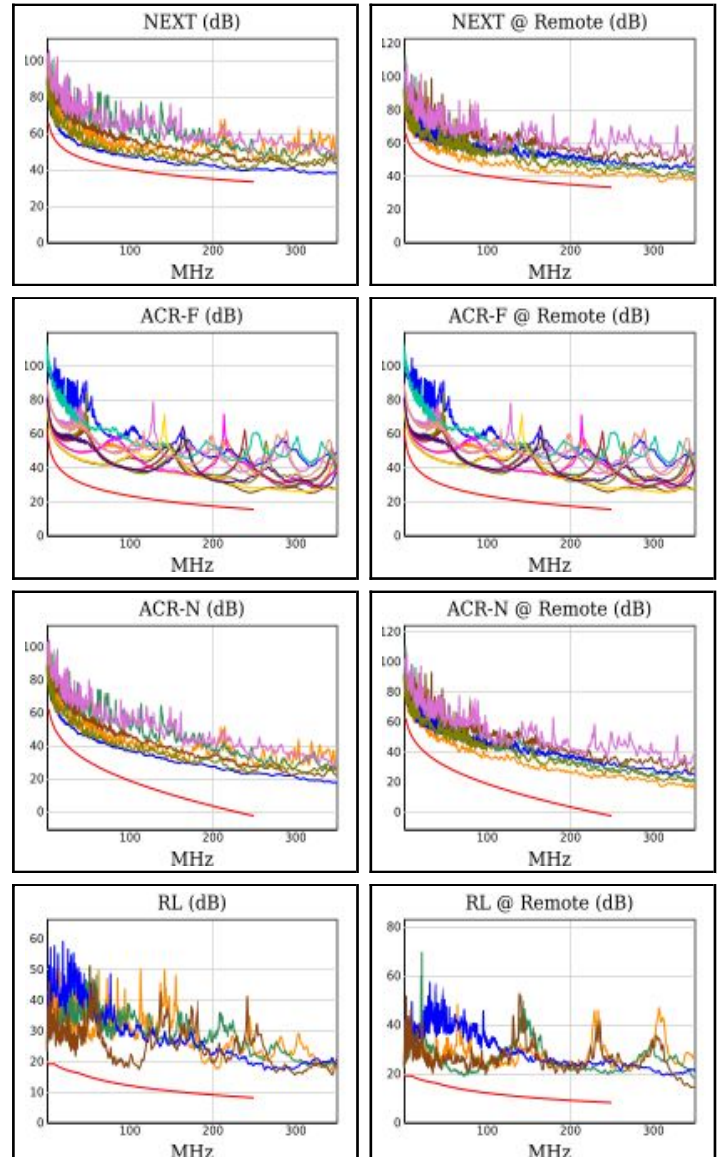
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	3,6-4,5	4,5-3,6
ACR-F (dB)	9.6	10.0	9.6	10.0
Freq. (MHz)	245.5	245.5	245.5	245.5
Limit (dB)	15.5	15.5	15.5	15.5
Worst Pair	4,5	3,6	4,5	3,6
PS ACR-F (dB)	12.1	11.8	12.1	11.8
Freq. (MHz)	245.5	245.5	245.5	245.5
Limit (dB)	12.5	12.5	12.5	12.5

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-7,8	1,2-3,6
ACR-N (dB)	10.7	9.8	24.5	22.0
Freq. (MHz)	5.5	5.4	242.0	226.0
Limit (dB)	56.1	56.3	-1.9	0.0
Worst Pair	3,6	3,6	7,8	3,6
PS ACR-N (dB)	10.1	9.9	24.8	23.8
Freq. (MHz)	3.5	3.4	242.5	226.5
Limit (dB)	57.7	58.0	-4.9	-3.0

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	7,8	3,6
RL (dB)	4.9	3.6	5.8	5.6
Freq. (MHz)	35.3	35.3	112.0	74.3
Limit (dB)	16.3	16.3	11.5	13.3

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: 2-8-1 @ OUTSIDE OF 100E

Date / Time: 08/05/2025 04:40:43 PM

Headroom: 4.5 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: IDF2

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

Main S/N: 1927404

Remote S/N: 1927408

Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 7,8]	166
Prop. Delay (ns), Limit 555	[Pair 4,5]	257
Delay Skew (ns), Limit 50	[Pair 4,5]	13
Resistance (ohms)	[Pair 3,6]	8.6
Insertion Loss Margin (dB)	[Pair 4,5]	20.2
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	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	1,2-3,6
NEXT (dB)	6.3	4.5	6.3	5.8
Freq. (MHz)	206.0	206.0	206.0	243.0
Limit (dB)	34.6	34.6	34.6	33.3
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	8.0	5.2	8.8	5.5
Freq. (MHz)	206.0	172.0	230.0	239.0
Limit (dB)	31.6	33.0	30.8	30.5

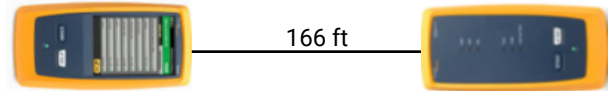
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	7,8-3,6	3,6-4,5	4,5-3,6
ACR-F (dB)	12.7	12.8	12.7	13.0
Freq. (MHz)	249.0	2.8	249.0	250.0
Limit (dB)	15.3	54.5	15.3	15.3
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	13.1	12.8	13.2	12.9
Freq. (MHz)	245.5	248.5	247.5	250.0
Limit (dB)	12.5	12.4	12.4	12.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	3,6-7,8	1,2-3,6
ACR-N (dB)	11.2	10.4	27.4	25.9
Freq. (MHz)	4.3	4.3	230.0	243.0
Limit (dB)	58.5	58.5	-0.5	-2.0
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	11.1	9.7	28.1	26.0
Freq. (MHz)	4.0	4.0	230.0	243.0
Limit (dB)	56.5	56.5	-3.4	-5.0

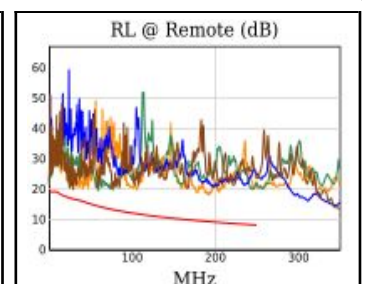
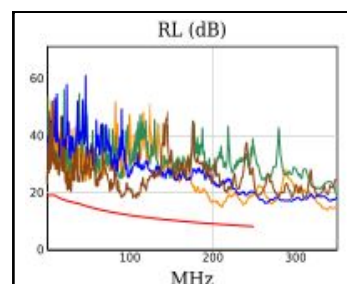
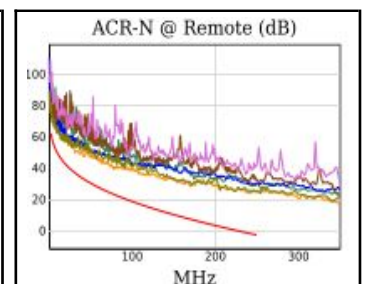
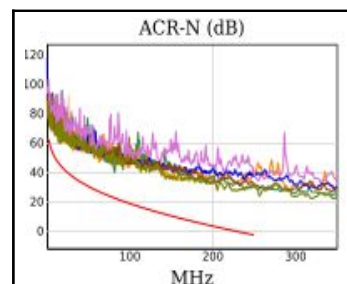
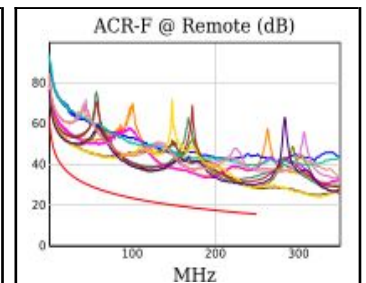
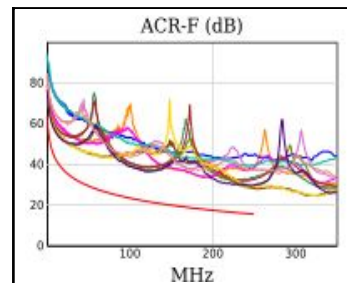
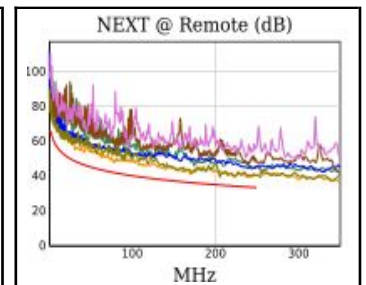
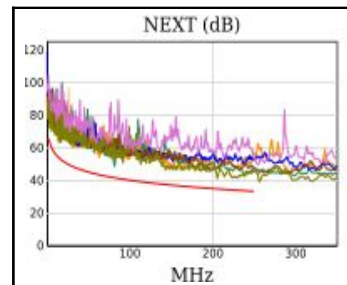
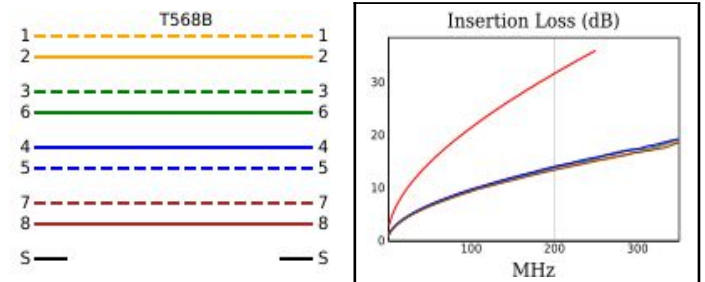
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	1,2	1,2
RL (dB)	3.6	3.2	6.0	8.7
Freq. (MHz)	29.6	29.8	211.5	192.5
Limit (dB)	16.6	16.6	8.7	9.2

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: 2-8-12 TV2 @ GYM

Date / Time: 08/05/2025 03:41:13 PM

Headroom: 4.6 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: IDF2

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

Main S/N: 1927404

Remote S/N: 1927408

Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 7,8]	198
Prop. Delay (ns), Limit 555	[Pair 4,5]	306
Delay Skew (ns), Limit 50	[Pair 4,5]	14
Resistance (ohms)	[Pair 3,6]	9.6
Insertion Loss Margin (dB)	[Pair 4,5]	17.2
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	35.9

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	1,2-3,6	3,6-7,8	1,2-3,6
NEXT (dB)	6.9	4.6	9.0	4.6
Freq. (MHz)	93.0	223.5	240.0	223.5
Limit (dB)	40.5	34.0	33.4	34.0
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	8.7	5.2	9.1	5.2
Freq. (MHz)	93.3	223.0	239.0	223.0
Limit (dB)	37.6	31.0	30.5	31.0

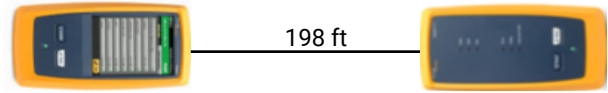
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	3,6-4,5	4,5-3,6
ACR-F (dB)	11.6	11.6	12.1	12.4
Freq. (MHz)	161.5	153.0	239.0	239.0
Limit (dB)	19.1	19.6	15.7	15.7
Worst Pair	3,6	3,6	4,5	3,6
PS ACR-F (dB)	12.3	12.4	14.0	14.7
Freq. (MHz)	7.0	7.3	239.0	239.0
Limit (dB)	43.4	43.1	12.7	12.7

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-7,8	1,2-3,6
ACR-N (dB)	9.9	8.6	26.7	20.8
Freq. (MHz)	3.1	3.1	240.0	223.5
Limit (dB)	61.2	61.2	-1.7	0.3
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	11.0	9.2	26.1	21.3
Freq. (MHz)	3.4	3.3	239.0	223.0
Limit (dB)	58.0	58.4	-4.5	-2.6

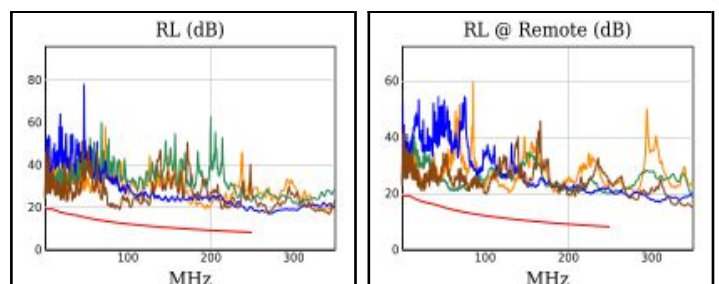
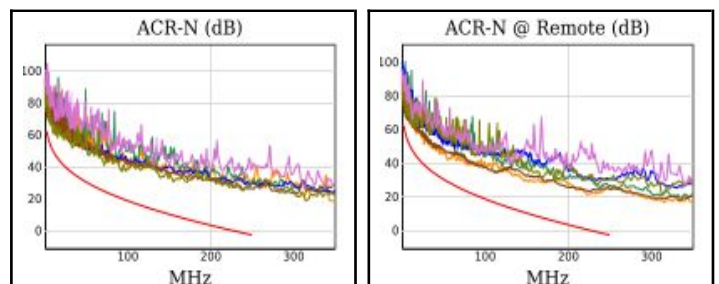
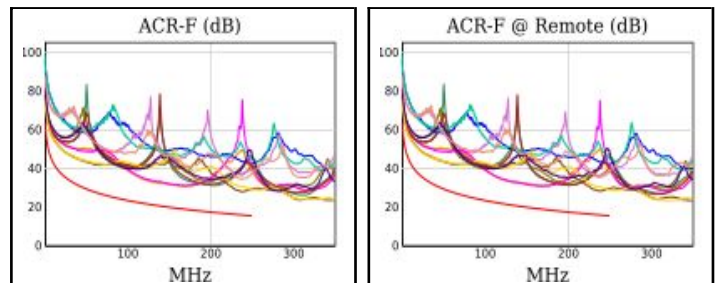
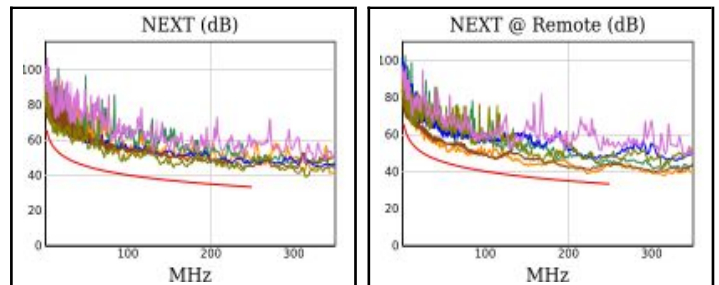
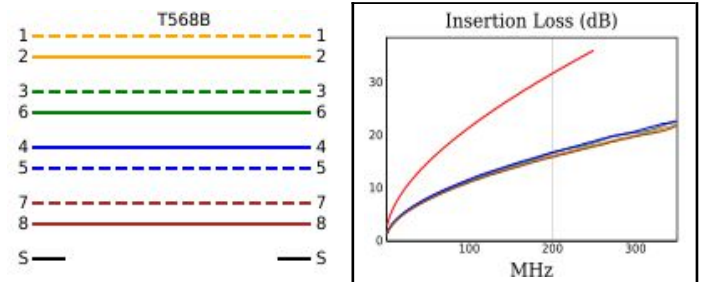
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	4,5	7,8
RL (dB)	5.6	3.7	10.2	9.9
Freq. (MHz)	26.6	23.1	244.5	208.5
Limit (dB)	16.9	17.2	8.1	8.8

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: 2-8-13 @ GYM TV

Date / Time: 08/05/2025 03:26:58 PM

Headroom: 5.2 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: IDF2

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

Main S/N: 1927404

Remote S/N: 1927408

Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 7,8]	238
Prop. Delay (ns), Limit 555	[Pair 4,5]	369
Delay Skew (ns), Limit 50	[Pair 4,5]	18
Resistance (ohms)	[Pair 4,5]	10.8
Insertion Loss Margin (dB)	[Pair 4,5]	13.3
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	35.9

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	1,2-3,6	3,6-7,8	1,2-3,6
NEXT (dB)	6.7	5.2	6.8	7.1
Freq. (MHz)	220.0	174.5	222.5	248.0
Limit (dB)	34.1	35.8	34.0	33.2
Worst Pair	7,8	1,2	7,8	1,2
PS NEXT (dB)	8.3	6.6	8.3	7.0
Freq. (MHz)	222.5	174.5	222.5	248.0
Limit (dB)	31.0	32.9	31.0	30.2

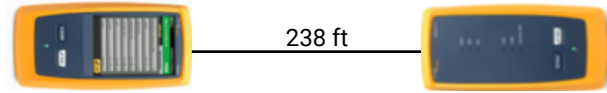
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	3,6-4,5
ACR-F (dB)	10.9	10.7	10.9	10.7
Freq. (MHz)	246.0	240.5	246.0	240.5
Limit (dB)	15.4	15.6	15.4	15.6
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	11.2	11.2	11.4	11.2
Freq. (MHz)	245.5	250.0	250.0	250.0
Limit (dB)	12.5	12.3	12.3	12.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	1,2-7,8	3,6-7,8	1,2-3,6
ACR-N (dB)	11.2	10.8	22.8	21.1
Freq. (MHz)	21.1	7.3	247.0	248.0
Limit (dB)	42.0	53.5	-2.5	-2.6
Worst Pair	7,8	1,2	7,8	1,2
PS ACR-N (dB)	11.4	10.6	23.9	21.4
Freq. (MHz)	10.5	11.8	247.0	248.0
Limit (dB)	47.2	46.0	-5.4	-5.6

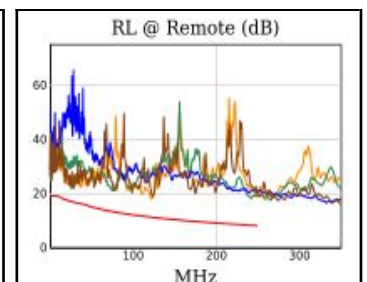
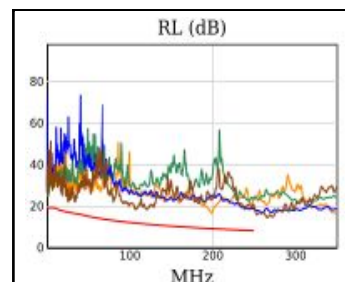
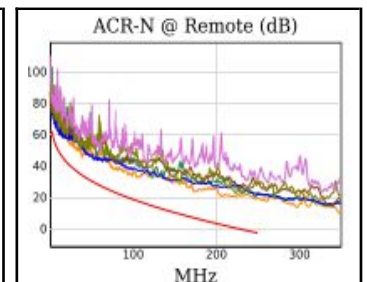
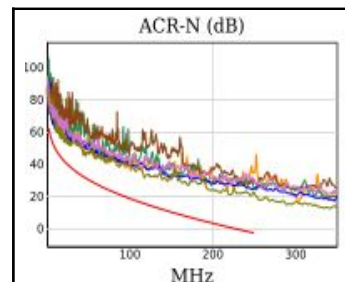
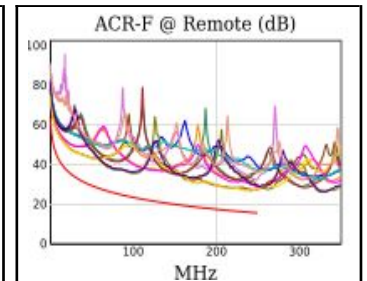
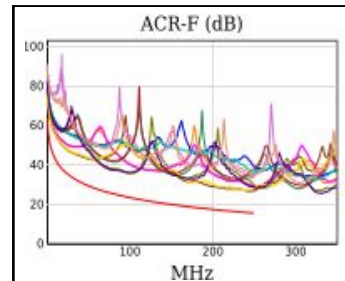
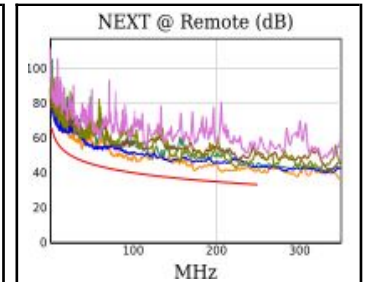
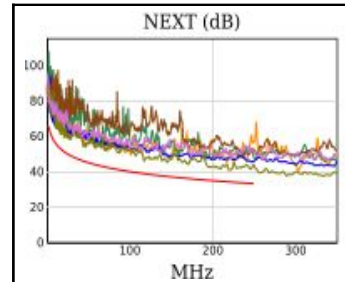
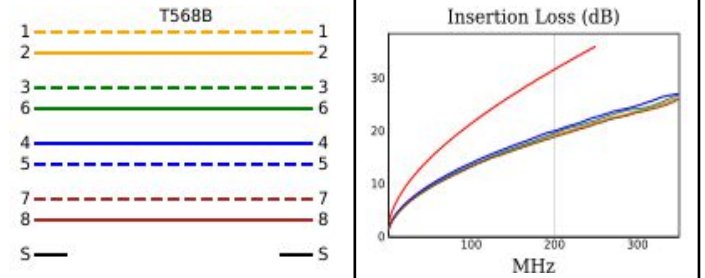
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	1,2	1,2
RL (dB)	4.9	4.8	7.4	6.7
Freq. (MHz)	26.1	26.1	199.0	122.5
Limit (dB)	16.9	16.9	9.0	11.1

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: 2-8-23 @ GYM LEFT

Date / Time: 08/05/2025 03:39:30 PM

Headroom: 4.4 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: IDF2

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

Main S/N: 1927404

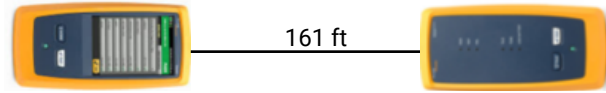
Remote S/N: 1927408

Main Adapter: DSX-CHA804

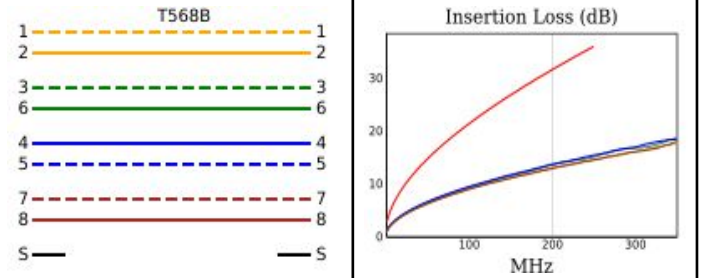
Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 7,8]	161
Prop. Delay (ns), Limit 555	[Pair 4,5]	249
Delay Skew (ns), Limit 50	[Pair 4,5]	11
Resistance (ohms)	[Pair 3,6]	7.9
Insertion Loss Margin (dB)	[Pair 4,5]	20.5
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	35.9



PASS



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)	8.1	4.4	10.6	4.4
Freq. (MHz)	129.5	243.0	249.5	243.0
Limit (dB)	38.0	33.3	33.1	33.3
Worst Pair	1,2	3,6	7,8	3,6
PS NEXT (dB)	9.8	4.9	11.4	4.9
Freq. (MHz)	85.3	243.5	249.5	243.5
Limit (dB)	38.3	30.4	30.2	30.4

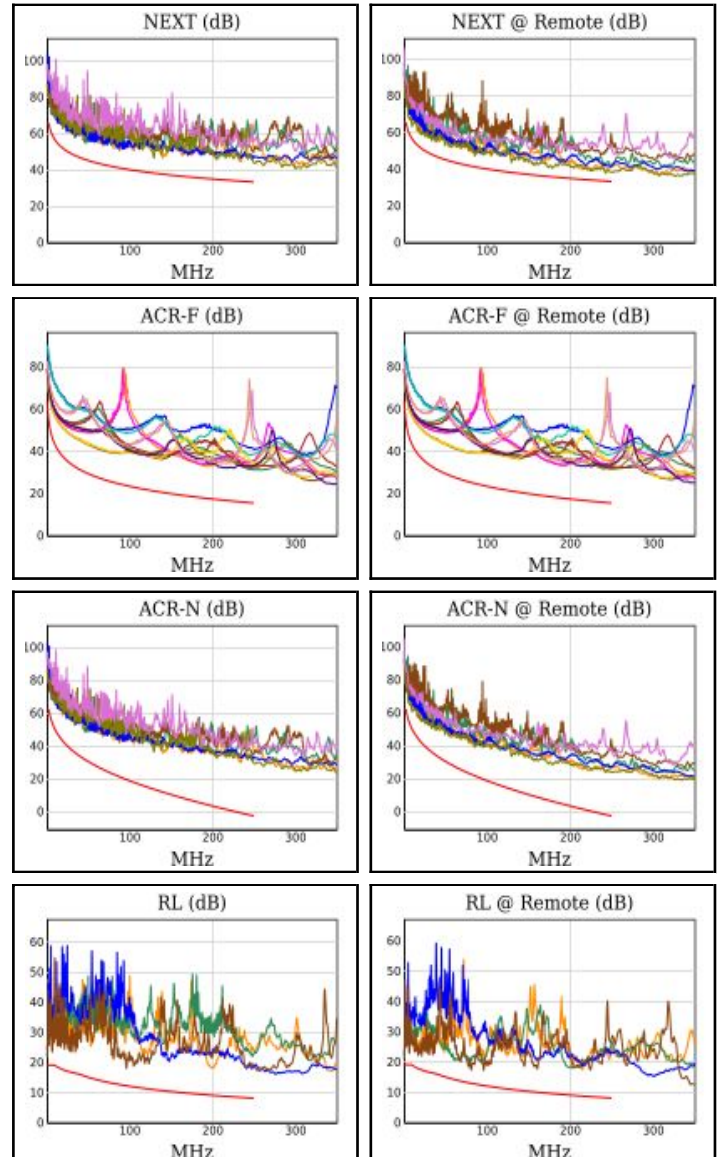
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	1,2-4,5	7,8-3,6
ACR-F (dB)	13.4	13.3	15.8	16.1
Freq. (MHz)	13.5	26.6	250.0	250.0
Limit (dB)	40.7	34.8	15.3	15.3
Worst Pair	3,6	3,6	4,5	3,6
PS ACR-F (dB)	12.8	12.9	16.2	15.2
Freq. (MHz)	7.1	7.0	247.5	243.5
Limit (dB)	43.2	43.4	12.4	12.5

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	3,6-7,8	3,6-7,8	3,6-7,8
ACR-N (dB)	13.8	10.5	32.1	25.5
Freq. (MHz)	6.8	10.3	250.0	243.0
Limit (dB)	54.2	50.0	-2.8	-2.0
Worst Pair	7,8	7,8	3,6	3,6
PS ACR-N (dB)	13.2	11.2	32.9	25.5
Freq. (MHz)	6.5	6.5	250.0	243.5
Limit (dB)	52.0	52.0	-5.8	-5.0

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	4,5	7,8
RL (dB)	5.7	4.2	9.7	4.9
Freq. (MHz)	96.5	17.8	248.0	96.3
Limit (dB)	12.2	17.8	8.1	12.2

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		





Cable ID: 2-8-3 @ OUTSIDE OF 100E

Date / Time: 08/05/2025 04:40:14 PM

Headroom: 5.7 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: IDF2

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

Main S/N: 1927404

Remote S/N: 1927408

Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 7,8]	166
Prop. Delay (ns), Limit 555	[Pair 4,5]	258
Delay Skew (ns), Limit 50	[Pair 4,5]	13
Resistance (ohms)	[Pair 3,6]	8.7
Insertion Loss Margin (dB)	[Pair 4,5]	20.0
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	35.9

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
NEXT (dB)	8.1	5.7	9.0	5.8
Freq. (MHz)	112.5	229.0	240.0	233.5
Limit (dB)	39.1	33.8	33.4	33.6
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	10.2	6.6	10.6	6.6
Freq. (MHz)	151.0	233.5	240.0	233.5
Limit (dB)	34.0	30.7	30.5	30.7

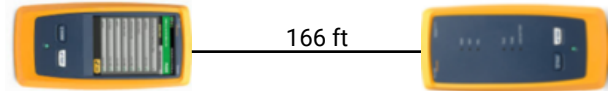
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	3,6-4,5	4,5-3,6
ACR-F (dB)	11.5	11.7	11.5	11.7
Freq. (MHz)	250.0	250.0	250.0	250.0
Limit (dB)	15.3	15.3	15.3	15.3
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	11.3	11.2	11.6	11.2
Freq. (MHz)	6.4	250.0	247.0	250.0
Limit (dB)	44.2	12.3	12.4	12.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-N (dB)	11.9	11.5	28.8	25.2
Freq. (MHz)	4.3	4.4	240.0	233.5
Limit (dB)	58.5	58.2	-1.7	-0.9
Worst Pair	1,2	3,6	3,6	3,6
PS ACR-N (dB)	12.8	12.3	30.4	26.0
Freq. (MHz)	4.3	4.0	240.0	233.5
Limit (dB)	56.0	56.5	-4.6	-3.8

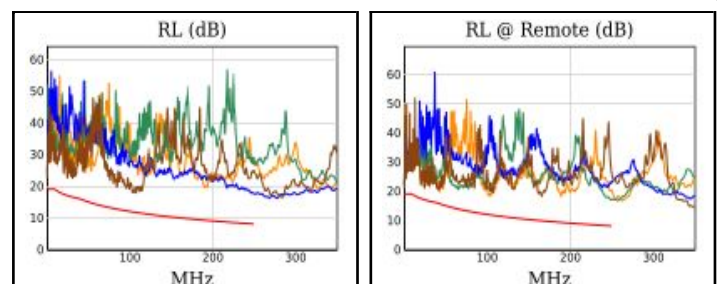
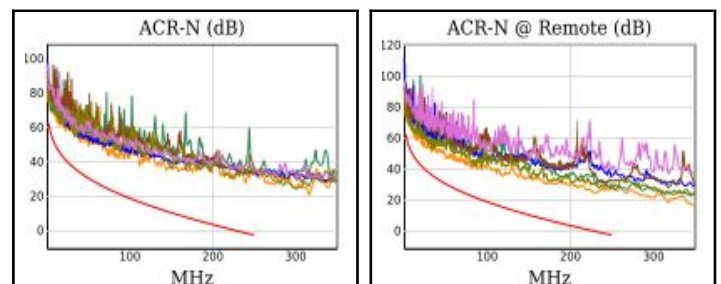
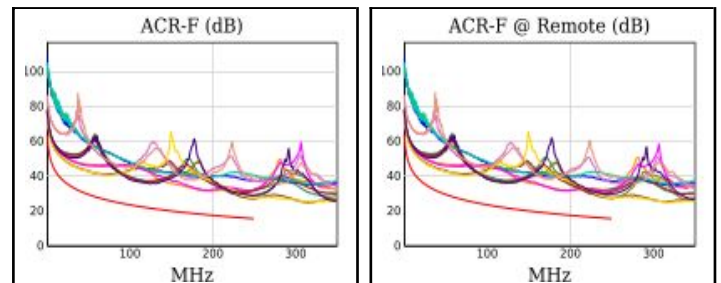
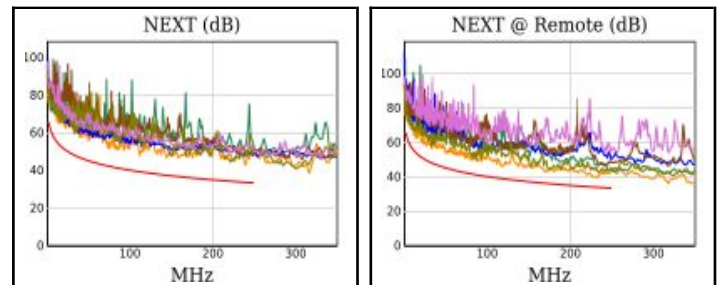
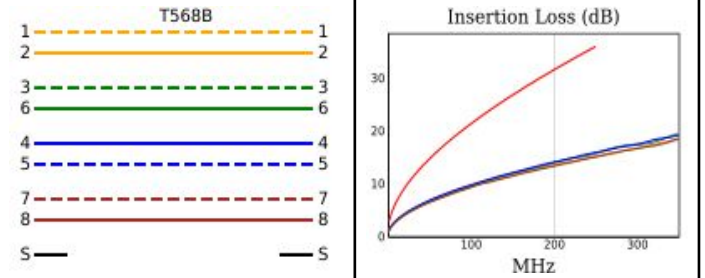
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	4,5	3,6
RL (dB)	5.5	4.0	9.7	9.0
Freq. (MHz)	25.3	43.3	249.5	250.0
Limit (dB)	17.0	15.6	8.0	8.0

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: 2-8-4 @ E005

Date / Time: 08/05/2025 04:36:47 PM

Headroom: 6 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: IDF2

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

Main S/N: 1927404

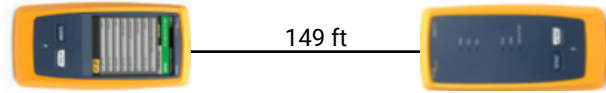
Remote S/N: 1927408

Main Adapter: DSX-CHA804

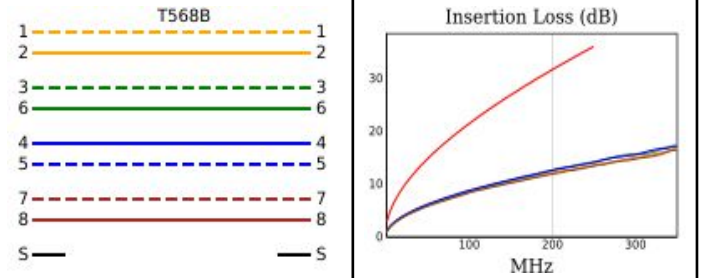
Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 7,8]	149
Prop. Delay (ns), Limit 555	[Pair 4,5]	230
Delay Skew (ns), Limit 50	[Pair 4,5]	11
Resistance (ohms)	[Pair 3,6]	7.8
Insertion Loss Margin (dB)	[Pair 3,6]	21.9
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	3,6-7,8	1,2-3,6	3,6-7,8	1,2-3,6
NEXT (dB)	8.1	6.0	9.8	7.6
Freq. (MHz)	79.3	165.5	238.5	237.5
Limit (dB)	41.6	36.2	33.5	33.5
Worst Pair	3,6	3,6	3,6	1,2
PS NEXT (dB)	9.1	7.4	9.9	9.4
Freq. (MHz)	79.3	188.5	238.5	249.5
Limit (dB)	38.8	32.3	30.5	30.2

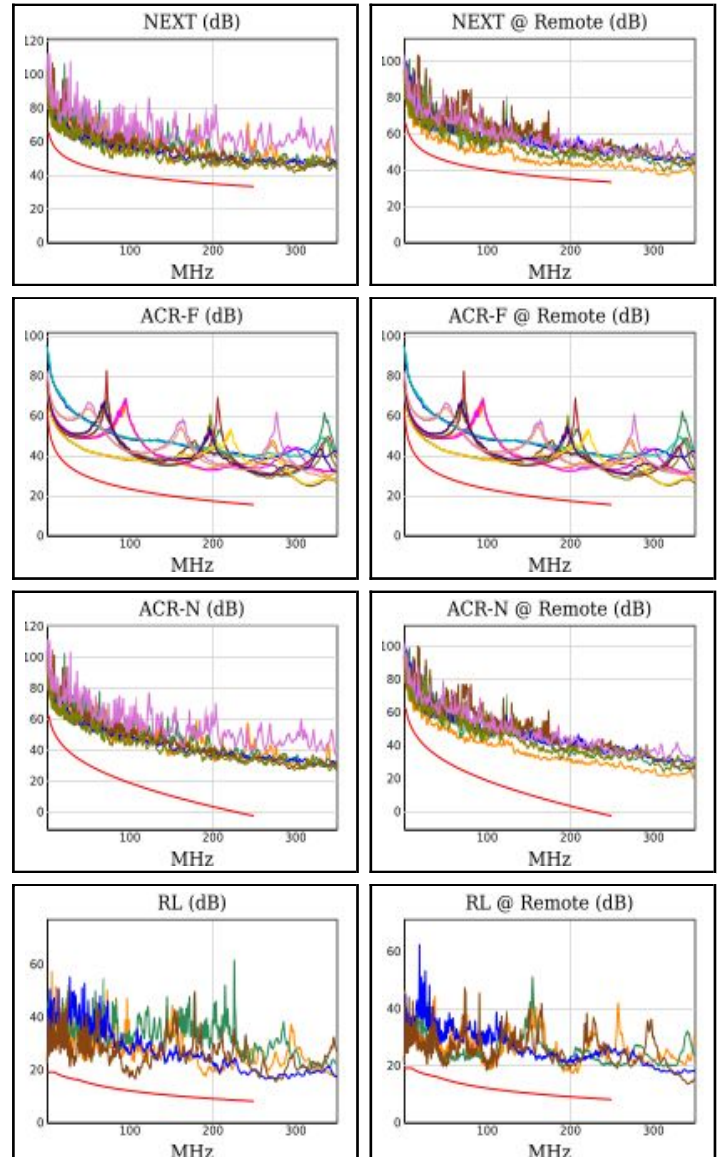
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	3,6-4,5	3,6-7,8	7,8-3,6
ACR-F (dB)	12.2	12.2	15.7	15.0
Freq. (MHz)	7.3	7.3	250.0	250.0
Limit (dB)	46.1	46.1	15.3	15.3
Worst Pair	4,5	4,5	3,6	3,6
PS ACR-F (dB)	12.0	12.1	16.1	15.7
Freq. (MHz)	1.0	1.0	248.5	250.0
Limit (dB)	60.3	60.3	12.4	12.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	1,2-3,6	3,6-7,8	1,2-3,6
ACR-N (dB)	12.6	12.3	32.2	30.1
Freq. (MHz)	6.9	12.4	241.5	249.5
Limit (dB)	54.0	48.0	-1.8	-2.8
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	12.5	12.6	31.1	31.3
Freq. (MHz)	6.9	7.0	238.5	249.0
Limit (dB)	51.4	51.3	-4.4	-5.7

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	7,8	1,2
RL (dB)	4.4	3.7	4.5	8.1
Freq. (MHz)	28.4	28.4	107.0	204.0
Limit (dB)	16.7	16.7	11.7	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		





Cable ID: 2-8-5 @ 103E

Date / Time: 08/05/2025 04:38:35 PM

Headroom: 4.6 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: IDF2

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

Main S/N: 1927404

Remote S/N: 1927408

Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 7,8]	111
Prop. Delay (ns), Limit 555	[Pair 4,5]	171
Delay Skew (ns), Limit 50	[Pair 4,5]	8
Resistance (ohms)	[Pair 3,6]	5.2
Insertion Loss Margin (dB)	[Pair 4,5]	25.3
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	35.9

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
NEXT (dB)	8.0	4.6	9.6	4.6
Freq. (MHz)	164.0	237.5	237.0	237.5
Limit (dB)	36.3	33.5	33.5	33.5
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	9.5	5.3	10.8	5.3
Freq. (MHz)	164.5	242.0	237.0	242.0
Limit (dB)	33.3	30.4	30.6	30.4

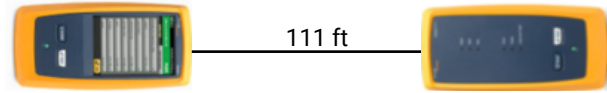
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	3,6-4,5	1,2-3,6	1,2-3,6
ACR-F (dB)	11.9	11.8	14.2	14.3
Freq. (MHz)	47.8	47.8	248.5	250.0
Limit (dB)	29.7	29.7	15.4	15.3
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	11.7	11.8	16.5	14.1
Freq. (MHz)	7.3	7.3	248.5	197.0
Limit (dB)	43.1	43.1	12.4	14.4

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-N (dB)	12.8	11.4	34.2	29.3
Freq. (MHz)	3.3	3.0	237.0	237.5
Limit (dB)	60.9	61.5	-1.3	-1.4
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	13.3	12.4	35.5	30.3
Freq. (MHz)	3.4	3.3	237.0	242.0
Limit (dB)	58.0	58.4	-4.3	-4.9

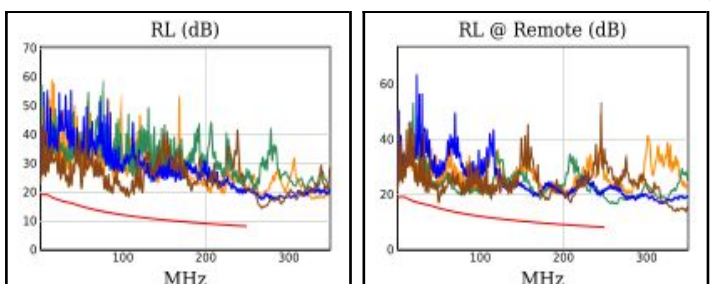
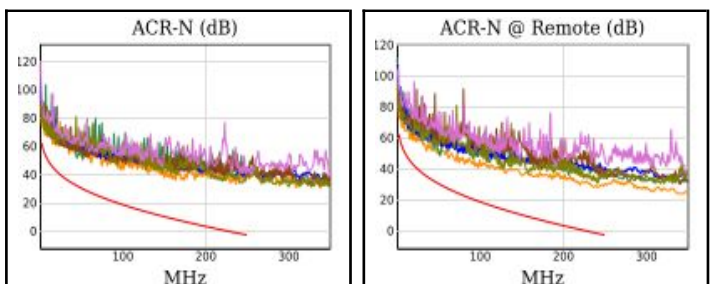
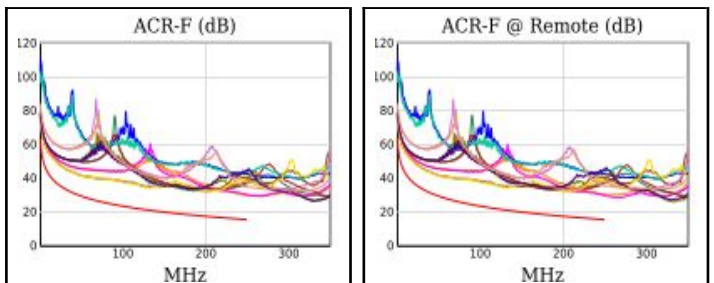
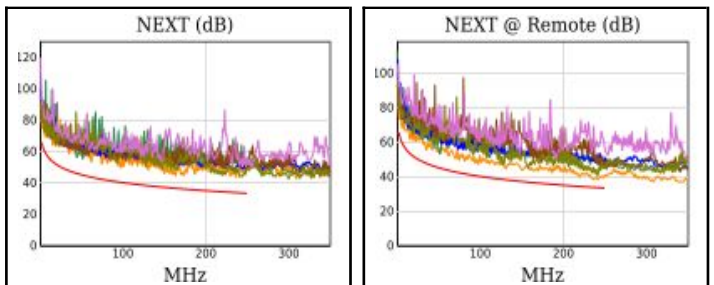
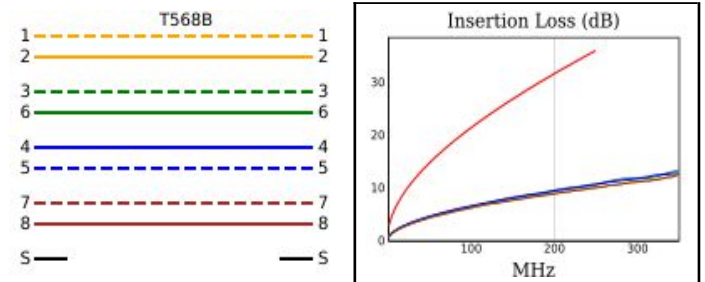
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	7,8	7,8
RL (dB)	5.4	2.0	6.3	8.1
Freq. (MHz)	35.3	50.8	107.5	209.5
Limit (dB)	16.3	14.9	11.7	8.8

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: GYM AV RACK-2-7-15 @ GYM CLASSROOM

Test Summary: PASS

Date / Time: 08/07/2025 03:56:02 PM

Headroom: 2.2 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: IDF2

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

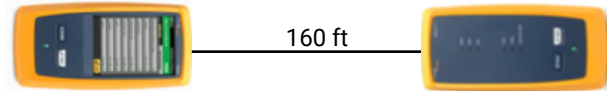
Main S/N: 1927404

Remote S/N: 1927408

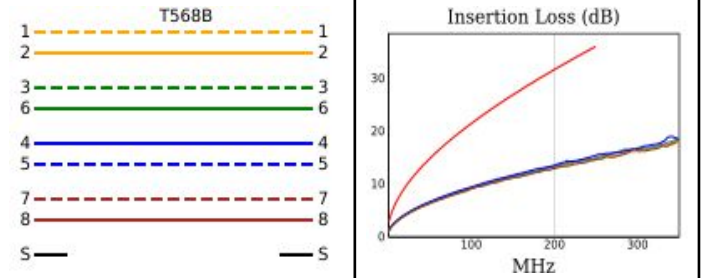
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 7,8]	160
Prop. Delay (ns), Limit 555	[Pair 4,5]	249
Delay Skew (ns), Limit 50	[Pair 4,5]	13
Resistance (ohms)	[Pair 3,6]	7.4
Insertion Loss Margin (dB)	[Pair 4,5]	20.6
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	35.9



PASS



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	1,2-3,6	3,6-7,8	1,2-3,6
NEXT (dB)	3.2	2.2	3.2	4.5
Freq. (MHz)	206.0	41.5	206.0	245.0
Limit (dB)	34.6	46.4	34.6	33.3
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	4.4	2.9	5.5	4.6
Freq. (MHz)	206.0	41.5	250.0	211.5
Limit (dB)	31.6	43.6	30.2	31.4

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	7,8-3,6	3,6-7,8	7,8-3,6
ACR-F (dB)	13.2	13.2	14.0	13.8
Freq. (MHz)	106.0	106.0	245.0	245.0
Limit (dB)	22.8	22.8	15.5	15.5
Worst Pair	3,6	3,6	4,5	3,6
PS ACR-F (dB)	12.6	12.6	14.2	14.2
Freq. (MHz)	5.3	7.0	240.0	239.5
Limit (dB)	45.9	43.4	12.7	12.7

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	1,2-3,6	1,2-3,6
ACR-N (dB)	8.6	8.2	25.8	25.5
Freq. (MHz)	3.3	3.5	238.5	245.0
Limit (dB)	60.9	60.2	-1.5	-2.3
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	9.8	8.8	26.7	27.0
Freq. (MHz)	3.6	3.9	250.0	245.0
Limit (dB)	57.4	56.8	-5.8	-5.2

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	7,8	7,8
RL (dB)	3.7	0.9	6.3	0.9
Freq. (MHz)	40.0	100.5	138.5	100.5
Limit (dB)	16.0	12.0	10.6	12.0

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		

