

LinkWare Live

Official Summary

Certification Report



Exclusively For:	Prepared By:	Projects
	Systec101	
	Murat Yildirim	Montgomery County
	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
01-09-01	PASS	TIA Cat 6 Channel	150 ft	3.7 dB (NEXT)	08/08/2025 12:19:26 PM
01-09-02	PASS	TIA Cat 6 Channel	153 ft	5.6 dB (NEXT)	08/08/2025 10:55:45 AM
01-09-03	PASS	TIA Cat 6 Channel	145 ft	4.4 dB (NEXT)	08/08/2025 10:37:56 AM
01-09-07	PASS	TIA Cat 6 Channel	197 ft	5.0 dB (NEXT)	10/14/2025 03:26:25 PM
01-09-08	PASS	TIA Cat 6 Channel	199 ft	4.2 dB (NEXT)	10/14/2025 03:40:24 PM
01-09-09	PASS	TIA Cat 6 Channel	205 ft	6.6 dB (NEXT)	10/14/2025 03:59:55 PM
01-09-10	PASS	TIA Cat 6 Channel	206 ft	7.2 dB (NEXT)	10/14/2025 04:05:21 PM
01-09-11	PASS	TIA Cat 6 Channel	212 ft	7.1 dB (NEXT)	10/14/2025 04:03:16 PM
01-09-12	PASS	TIA Cat 6 Channel	211 ft	6.3 dB (NEXT)	10/14/2025 04:08:27 PM
01-09-13	PASS	TIA Cat 6 Channel	192 ft	7.3 dB (NEXT)	08/08/2025 11:27:54 AM
01-09-14	PASS	TIA Cat 6 Channel	166 ft	7.8 dB (NEXT)	08/08/2025 11:15:03 AM
01-09-16	PASS	TIA Cat 6 Channel	130 ft	5.0 dB (NEXT)	10/14/2025 05:39:43 PM
01-09-17	PASS	TIA Cat 6 Channel	148 ft	6.0 dB (NEXT)	08/08/2025 10:42:12 AM
01-09-18	PASS	TIA Cat 6 Channel	157 ft	7.3 dB (NEXT)	08/08/2025 10:59:44 AM
01-09-19	PASS	TIA Cat 6 Channel	145 ft	6.1 dB (NEXT)	08/08/2025 10:54:03 AM
01-09-20	PASS	TIA Cat 6 Channel	137 ft	4.0 dB (NEXT)	08/08/2025 10:47:27 AM
01-09-21	PASS	TIA Cat 6 Channel	129 ft	4.9 dB (NEXT)	08/08/2025 10:32:58 AM
01-09-22	PASS	TIA Cat 6 Channel	130 ft	6.0 dB (NEXT)	08/08/2025 10:33:22 AM
01-09-23	PASS	TIA Cat 6 Channel	118 ft	7.6 dB (NEXT)	08/08/2025 10:22:32 AM
01-10-01	PASS	TIA Cat 6 Channel	115 ft	5.7 dB (NEXT)	08/08/2025 01:36:06 PM
01-10-02	PASS	TIA Cat 6 Channel	108 ft	7.6 dB (NEXT)	08/08/2025 01:29:09 PM
01-10-03	PASS	TIA Cat 6 Channel	77 ft	4.6 dB (NEXT)	08/08/2025 01:25:41 PM
01-10-04	PASS	TIA Cat 6 Channel	77 ft	5.1 dB (NEXT)	08/08/2025 01:24:46 PM
01-10-05	PASS	TIA Cat 6 Channel	107 ft	8.3 dB (NEXT)	08/08/2025 01:32:52 PM
01-10-06	PASS	TIA Cat 6 Channel	128 ft	5.0 dB (NEXT)	08/08/2025 01:43:35 PM
01-10-07	PASS	TIA Cat 6 Channel	168 ft	4.3 dB (NEXT)	10/14/2025 05:46:09 PM
01-10-08	PASS	TIA Cat 6 Channel	145 ft	4.7 dB (NEXT)	10/14/2025 05:49:01 PM
01-10-09	PASS	TIA Cat 6 Channel	145 ft	4.2 dB (NEXT)	10/14/2025 05:48:06 PM
01-10-10	PASS	TIA Cat 6 Channel	168 ft	4.4 dB (NEXT)	10/14/2025 05:43:39 PM
01-10-11	PASS	TIA Cat 6 Channel	146 ft	3.8 dB (NEXT)	10/14/2025 05:46:49 PM
01-10-12	PASS	TIA Cat 6 Channel	168 ft	4.3 dB (NEXT)	10/14/2025 05:45:50 PM
01-10-18	PASS	TIA Cat 6 Channel	150 ft	2.5 dB (NEXT)	10/14/2025 05:38:27 PM
02-02-12W	PASS	TIA Cat 6 Channel	213 ft	5.6 dB (NEXT)	08/08/2025 03:09:46 PM
02-08-01	PASS	TIA Cat 6 Channel	189 ft	7.1 dB (NEXT)	08/08/2025 03:03:43 PM
02-08-02	PASS	TIA Cat 6 Channel	180 ft	1.6 dB (NEXT)	08/08/2025 03:50:39 PM
02-08-03	PASS	TIA Cat 6 Channel	176 ft	4.0 dB (NEXT)	08/08/2025 03:05:30 PM
02-08-04	PASS	TIA Cat 6 Channel	196 ft	5.5 dB (NEXT)	08/08/2025 03:53:39 PM
02-08-05	PASS	TIA Cat 6 Channel	183 ft	5.0 dB (NEXT)	08/08/2025 02:40:57 PM
02-08-06	PASS	TIA Cat 6 Channel	187 ft	2.0 dB (NEXT)	08/08/2025 02:50:30 PM
02-08-07	PASS	TIA Cat 6 Channel	166 ft	3.6 dB (NEXT)	08/08/2025 02:59:54 PM
02-08-08	PASS	TIA Cat 6 Channel	157 ft	3.5 dB (NEXT)	08/08/2025 11:18:12 AM
02-08-09	PASS	TIA Cat 6 Channel	158 ft	6.2 dB (NEXT)	08/08/2025 11:07:52 AM
02-08-10	PASS	TIA Cat 6 Channel	171 ft	4.9 dB (NEXT)	08/08/2025 11:22:01 AM
02-08-11	PASS	TIA Cat 6 Channel	157 ft	7.5 dB (NEXT)	08/08/2025 11:03:54 AM
02-08-12	PASS	TIA Cat 6 Channel	138 ft	3.7 dB (NEXT)	08/08/2025 12:12:13 PM
02-08-13	PASS	TIA Cat 6 Channel	129 ft	3.6 dB (NEXT)	08/08/2025 10:47:01 AM
02-08-14	PASS	TIA Cat 6 Channel	141 ft	4.5 dB (NEXT)	08/08/2025 10:52:53 AM
02-08-15	PASS	TIA Cat 6 Channel	147 ft	2.7 dB (NEXT)	08/08/2025 11:00:26 AM
02-08-16	PASS	TIA Cat 6 Channel	157 ft	7.4 dB (NEXT)	08/08/2025 10:59:25 AM
02-08-17	PASS	TIA Cat 6 Channel	133 ft	3.9 dB (NEXT)	08/08/2025 10:38:25 AM
02-08-18	PASS	TIA Cat 6 Channel	119 ft	3.7 dB (NEXT)	08/08/2025 10:23:14 AM
02-08-19	PASS	TIA Cat 6 Channel	129 ft	4.6 dB (NEXT)	08/08/2025 10:34:57 AM
02-08-20	PASS	TIA Cat 6 Channel	130 ft	3.5 dB (NEXT)	08/08/2025 10:34:34 AM
02-08-21	PASS	TIA Cat 6 Channel	129 ft	5.2 dB (NEXT)	08/08/2025 10:35:19 AM
02-08-22	PASS	TIA Cat 6 Channel	109 ft	4.4 dB (NEXT)	08/08/2025 01:43:15 PM
02-08-23	PASS	TIA Cat 6 Channel	103 ft	3.2 dB (NEXT)	08/08/2025 01:32:01 PM
02-08-24	PASS	TIA Cat 6 Channel	108 ft	2.3 dB (NEXT)	08/08/2025 01:29:40 PM
02-09-02	PASS	TIA Cat 6 Channel	135 ft	2.9 dB (NEXT)	10/14/2025 05:05:29 PM
02-09-03	PASS	TIA Cat 6 Channel	193 ft	3.1 dB (NEXT)	10/14/2025 04:19:43 PM

Cable ID	Summary	Test Limit	Length	Headroom	Date / Time
02-09-04	PASS	TIA Cat 6 Channel	128 ft	3.1 dB (NEXT)	10/14/2025 05:02:19 PM
02-09-05	PASS	TIA Cat 6 Channel	182 ft	1.9 dB (NEXT)	10/14/2025 03:28:42 PM
02-09-06	PASS	TIA Cat 6 Channel	187 ft	3.0 dB (NEXT)	10/14/2025 04:13:39 PM
02-09-07	PASS	TIA Cat 6 Channel	198 ft	1.7 dB (NEXT)	10/14/2025 04:14:30 PM
02-09-08	PASS	TIA Cat 6 Channel	197 ft	3.7 dB (NEXT)	10/14/2025 04:25:19 PM
02-09-09	PASS	TIA Cat 6 Channel	204 ft	6.8 dB (NEXT)	10/14/2025 04:15:49 PM
02-09-10	PASS	TIA Cat 6 Channel	108 ft	2.3 dB (NEXT)	10/14/2025 04:35:47 PM
02-09-11	PASS	TIA Cat 6 Channel	137 ft	2.6 dB (NEXT)	08/08/2025 10:11:56 AM
02-09-12	PASS	TIA Cat 6 Channel	115 ft	3.9 dB (NEXT)	10/14/2025 04:41:40 PM
02-09-13	PASS	TIA Cat 6 Channel	117 ft	2.7 dB (NEXT)	10/14/2025 04:51:15 PM
02-09-14	PASS	TIA Cat 6 Channel	126 ft	3.2 dB (NEXT)	10/14/2025 04:56:18 PM
02-09-15	PASS	TIA Cat 6 Channel	166 ft	4.0 dB (NEXT)	08/08/2025 11:18:41 AM
02-09-16	PASS	TIA Cat 6 Channel	157 ft	7.3 dB (NEXT)	08/08/2025 11:04:08 AM
02-09-17	PASS	TIA Cat 6 Channel	136 ft	5.5 dB (NEXT)	10/14/2025 04:53:54 PM
02-09-18	PASS	TIA Cat 6 Channel	152 ft	2.3 dB (NEXT)	08/08/2025 02:32:05 PM
02-09-19	PASS	TIA Cat 6 Channel	135 ft	3.8 dB (NEXT)	10/14/2025 04:52:38 PM
02-09-20	PASS	TIA Cat 6 Channel	159 ft	2.1 dB (NEXT)	08/08/2025 10:13:37 AM
02-09-21	PASS	TIA Cat 6 Channel	145 ft	4.2 dB (NEXT)	08/08/2025 10:18:47 AM
02-09-22	PASS	TIA Cat 6 Channel	147 ft	4.1 dB (NEXT)	08/08/2025 02:18:41 PM
02-09-23	PASS	TIA Cat 6 Channel	158 ft	3.5 dB (NEXT)	08/08/2025 02:25:22 PM
02-09-24	PASS	TIA Cat 6 Channel	170 ft	5.6 dB (NEXT)	08/08/2025 02:28:37 PM
02-10-02	PASS	TIA Cat 6 Channel	148 ft	4.5 dB (NEXT)	08/08/2025 02:14:01 PM
02-10-03	PASS	TIA Cat 6 Channel	150 ft	4.7 dB (NEXT)	08/08/2025 01:54:19 PM
02-10-04	PASS	TIA Cat 6 Channel	190 ft	5.2 dB (NEXT)	08/08/2025 02:09:27 PM
02-10-05	PASS	TIA Cat 6 Channel	185 ft	5.4 dB (NEXT)	08/08/2025 02:11:19 PM
02-10-06	PASS	TIA Cat 6 Channel	187 ft	2.5 dB (NEXT)	10/14/2025 05:34:30 PM
02-10-07	PASS	TIA Cat 6 Channel	159 ft	4.1 dB (NEXT)	08/08/2025 02:45:53 PM
02-10-08	PASS	TIA Cat 6 Channel	145 ft	3.9 dB (NEXT)	08/08/2025 02:35:51 PM
02-10-09	PASS	TIA Cat 6 Channel	144 ft	4.6 dB (NEXT)	10/14/2025 05:47:23 PM
02-10-10	PASS	TIA Cat 6 Channel	127 ft	5.3 dB (NEXT)	10/14/2025 05:40:12 PM
02-10-11	PASS	TIA Cat 6 Channel	168 ft	1.4 dB (NEXT)	08/08/2025 02:58:42 PM
02-10-12	PASS	TIA Cat 6 Channel	158 ft	5.7 dB (NEXT)	10/14/2025 05:45:23 PM
02-10-13	PASS	TIA Cat 6 Channel	158 ft	4.9 dB (NEXT)	10/14/2025 05:44:26 PM
02-10-14	PASS	TIA Cat 6 Channel	158 ft	4.1 dB (NEXT)	10/14/2025 05:42:21 PM
02-10-16	PASS	TIA Cat 6 Channel	145 ft	4.5 dB (NEXT)	10/14/2025 05:48:34 PM
02-10-19	PASS	TIA Cat 6 Channel	220 ft	5.7 dB (NEXT)	08/08/2025 03:26:20 PM
02-10-20	PASS	TIA Cat 6 Channel	228 ft	4.1 dB (NEXT)	08/08/2025 03:34:19 PM
02-10-22	PASS	TIA Cat 6 Channel	208 ft	4.8 dB (NEXT)	08/08/2025 03:41:32 PM
02-10-23	PASS	TIA Cat 6 Channel	211 ft	5.4 dB (NEXT)	08/08/2025 03:26:57 PM
02-11-01	PASS	TIA Cat 6 Channel	185 ft	6.0 dB (NEXT)	08/08/2025 03:02:19 PM
02-11-02	PASS	TIA Cat 6 Channel	185 ft	3.7 dB (NEXT)	08/08/2025 03:02:42 PM
02-11-03	PASS	TIA Cat 6 Channel	172 ft	3.2 dB (NEXT)	08/08/2025 03:04:49 PM
02-11-04	PASS	TIA Cat 6 Channel	173 ft	4.2 dB (NEXT)	08/08/2025 03:05:09 PM
02-11-05	PASS	TIA Cat 6 Channel	174 ft	4.8 dB (NEXT)	08/08/2025 03:51:27 PM
02-11-06	PASS	TIA Cat 6 Channel	162 ft	3.6 dB (NEXT)	08/08/2025 02:45:02 PM
02-11-07	PASS	TIA Cat 6 Channel	191 ft	3.3 dB (NEXT)	08/08/2025 03:54:05 PM
02-11-08	PASS	TIA Cat 6 Channel	180 ft	1.6 dB (NEXT)	08/08/2025 03:50:56 PM
02-11-09	PASS	TIA Cat 6 Channel	151 ft	4.0 dB (NEXT)	10/14/2025 04:52:16 PM
02-11-10	PASS	TIA Cat 6 Channel	183 ft	3.2 dB (NEXT)	08/08/2025 02:49:12 PM
02-11-13	PASS	TIA Cat 6 Channel	130 ft	4.1 dB (NEXT)	08/08/2025 02:18:02 PM
02-11-14	PASS	TIA Cat 6 Channel	183 ft	4.2 dB (NEXT)	08/08/2025 02:48:04 PM
02-11-15	PASS	TIA Cat 6 Channel	166 ft	5.8 dB (NEXT)	08/08/2025 02:10:26 PM
02-11-16	PASS	TIA Cat 6 Channel	135 ft	2.0 dB (NEXT)	08/08/2025 01:53:48 PM
02-11-17	PASS	TIA Cat 6 Channel	135 ft	3.5 dB (NEXT)	08/08/2025 02:13:29 PM
02-11-18	PASS	TIA Cat 6 Channel	138 ft	2.5 dB (NEXT)	08/08/2025 10:18:08 AM
02-11-19	PASS	TIA Cat 6 Channel	181 ft	1.8 dB (NEXT)	08/08/2025 02:24:59 PM
02-11-21	PASS	TIA Cat 6 Channel	166 ft	4.8 dB (NEXT)	08/08/2025 02:31:30 PM
02-11-22	PASS	TIA Cat 6 Channel	170 ft	5.0 dB (NEXT)	08/08/2025 02:29:19 PM
02-11-23	PASS	TIA Cat 6 Channel	201 ft	3.2 dB (NEXT)	08/08/2025 03:44:00 PM

Cable ID	Summary	Test Limit	Length	Headroom	Date / Time
02-11-24	PASS	TIA Cat 6 Channel	131 ft	3.1 dB (NEXT)	08/08/2025 12:26:27 PM
02-12-01	PASS	TIA Cat 6 Channel	173 ft	1.6 dB (NEXT)	10/14/2025 05:32:03 PM
02-12-02	PASS	TIA Cat 6 Channel	135 ft	3.8 dB (NEXT)	10/14/2025 04:53:18 PM
02-12-05	PASS	TIA Cat 6 Channel	147 ft	4.6 dB (NEXT)	10/14/2025 05:03:46 PM
02-12-06	PASS	TIA Cat 6 Channel	141 ft	5.5 dB (NEXT)	10/14/2025 04:55:38 PM
02-12-08	PASS	TIA Cat 6 Channel	140 ft	5.6 dB (NEXT)	10/14/2025 05:01:49 PM
02-12-09	PASS	TIA Cat 6 Channel	144 ft	4.3 dB (NEXT)	10/14/2025 05:49:29 PM
02-12-10	PASS	TIA Cat 6 Channel	147 ft	2.5 dB (NEXT)	10/14/2025 04:54:36 PM
02-12-11	PASS	TIA Cat 6 Channel	217 ft	5.3 dB (NEXT)	08/08/2025 03:17:10 PM
02-12-12	PASS	TIA Cat 6 Channel	168 ft	3.4 dB (NEXT)	08/08/2025 02:59:24 PM
02-12-13	PASS	TIA Cat 6 Channel	217 ft	6.1 dB (NEXT)	08/08/2025 03:18:05 PM
02-12-14	PASS	TIA Cat 6 Channel	217 ft	5.3 dB (NEXT)	08/08/2025 03:17:30 PM
02-12-15	PASS	TIA Cat 6 Channel	211 ft	5.4 dB (NEXT)	08/08/2025 03:27:26 PM
02-12-16	PASS	TIA Cat 6 Channel	219 ft	3.5 dB (NEXT)	08/08/2025 03:39:50 PM
02-12-17	PASS	TIA Cat 6 Channel	218 ft	6.1 dB (NEXT)	08/08/2025 03:35:55 PM
02-12-18	PASS	TIA Cat 6 Channel	229 ft	5.3 dB (NEXT)	08/08/2025 03:33:11 PM
02-12-19	PASS	TIA Cat 6 Channel	117 ft	4.3 dB (NEXT)	10/14/2025 04:36:23 PM
AP 2 02-13-2	PASS	TIA Cat 6 Channel	140 ft	3.9 dB (NEXT)	08/08/2025 04:21:01 PM
AP 4 2-13-4	PASS	TIA Cat 6 Channel	152 ft	2.2 dB (NEXT)	08/08/2025 04:31:22 PM
AP1 2-13-1	PASS	TIA Cat 6 Channel	170 ft	5.0 dB (NEXT)	08/08/2025 04:29:36 PM
AP3 2-13-3	PASS	TIA Cat 6 Channel	135 ft	4.0 dB (NEXT)	08/08/2025 04:27:24 PM
AP5 2-13-5	PASS	TIA Cat 6 Channel	109 ft	4.5 dB (NEXT)	08/08/2025 04:25:08 PM
AP6 2-13-6	PASS	TIA Cat 6 Channel	171 ft	5.2 dB (NEXT)	08/08/2025 04:28:48 PM

Total Length:	22487 ft
No of Reports:	141
No of Passing Reports:	141
No of Failing Reports:	0
No of Warning Reports:	0
Documentation only:	0



Cable ID: 01-09-01

Test Summary: PASS

Date / Time: 08/08/2025 12:19:26 PM

Headroom: 3.7 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

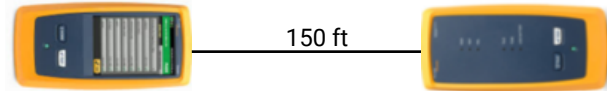
Main S/N: 1927404

Remote S/N: 1927408

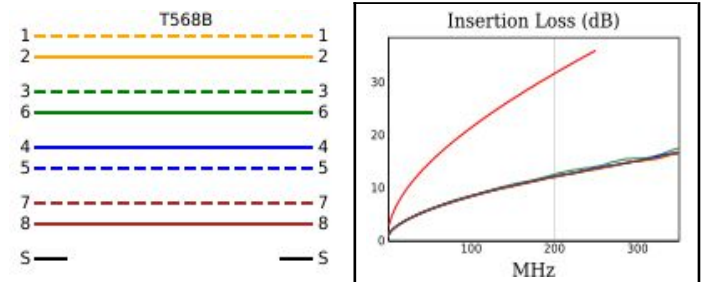
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 1,2]	150
Prop. Delay (ns), Limit 555	[Pair 4,5]	230
Delay Skew (ns), Limit 50	[Pair 4,5]	9
Resistance (ohms)	[Pair 3,6]	9.8
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	3,6-4,5	3,6-7,8	3,6-4,5	3,6-7,8
NEXT (dB)	4.8	3.7	4.8	4.2
Freq. (MHz)	234.5	159.5	234.5	195.5
Limit (dB)	33.6	36.5	33.6	35.0
Worst Pair	3,6	7,8	3,6	7,8
PS NEXT (dB)	5.4	4.9	5.4	7.8
Freq. (MHz)	224.5	159.5	224.5	243.5
Limit (dB)	31.0	33.6	31.0	30.4

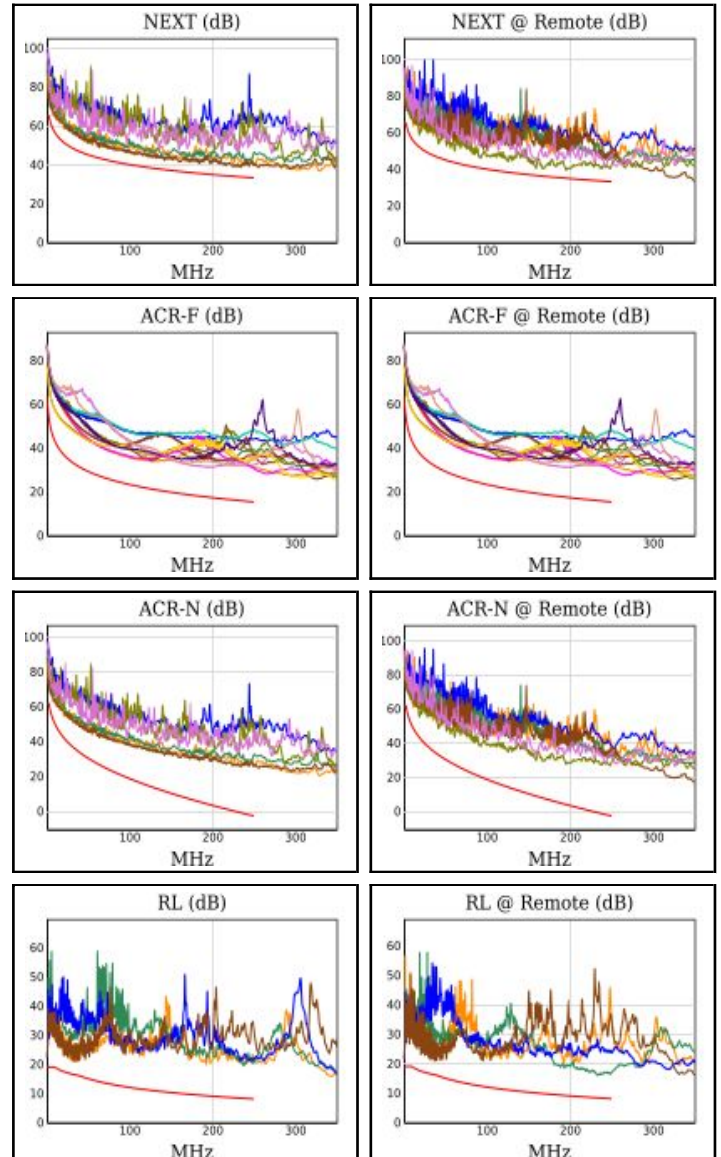
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-1,2	3,6-1,2	1,2-3,6
ACR-F (dB)	12.1	12.2	15.3	14.7
Freq. (MHz)	107.0	107.0	250.0	250.0
Limit (dB)	22.7	22.7	15.3	15.3
Worst Pair	3,6	3,6	1,2	3,6
PS ACR-F (dB)	12.5	12.0	17.2	16.2
Freq. (MHz)	102.5	121.5	250.0	250.0
Limit (dB)	20.0	18.6	12.3	12.3

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)	9.5	10.9	28.0	29.3
Freq. (MHz)	4.3	2.5	249.0	248.5
Limit (dB)	58.5	61.8	-2.7	-2.7
Worst Pair	3,6	3,6	3,6	7,8
PS ACR-N (dB)	10.4	11.7	27.8	30.0
Freq. (MHz)	4.4	4.4	244.0	244.0
Limit (dB)	55.7	55.7	-5.1	-5.1

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	7,8	3,6	3,6
RL (dB)	4.2	4.7	11.1	7.6
Freq. (MHz)	32.8	37.5	238.0	233.0
Limit (dB)	16.4	16.1	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		





Cable ID: 01-09-02

Test Summary: PASS

Date / Time: 08/08/2025 10:55:45 AM

Headroom: 5.6 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

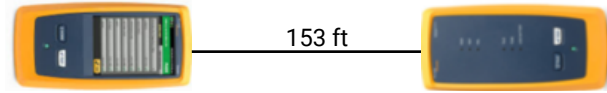
Main S/N: 1927404

Remote S/N: 1927408

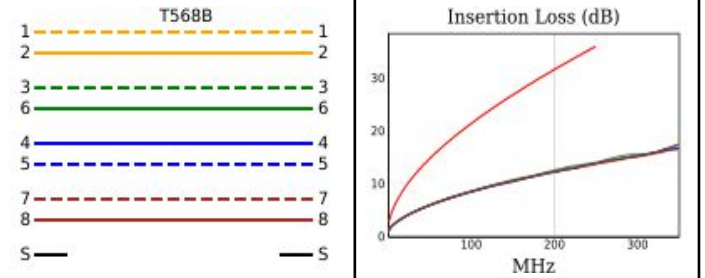
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 1,2]	153
Prop. Delay (ns), Limit 555	[Pair 4,5]	233
Delay Skew (ns), Limit 50	[Pair 4,5]	8
Resistance (ohms)	[Pair 1,2]	9.8
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	1,2-3,6	3,6-7,8	1,2-3,6	1,2-3,6
NEXT (dB)	6.9	5.6	9.3	8.1
Freq. (MHz)	165.0	133.5	229.0	239.5
Limit (dB)	36.2	37.8	33.8	33.4
Worst Pair	3,6	7,8	1,2	1,2
PS NEXT (dB)	8.2	7.6	10.0	7.8
Freq. (MHz)	165.0	160.0	229.0	241.0
Limit (dB)	33.3	33.5	30.8	30.4

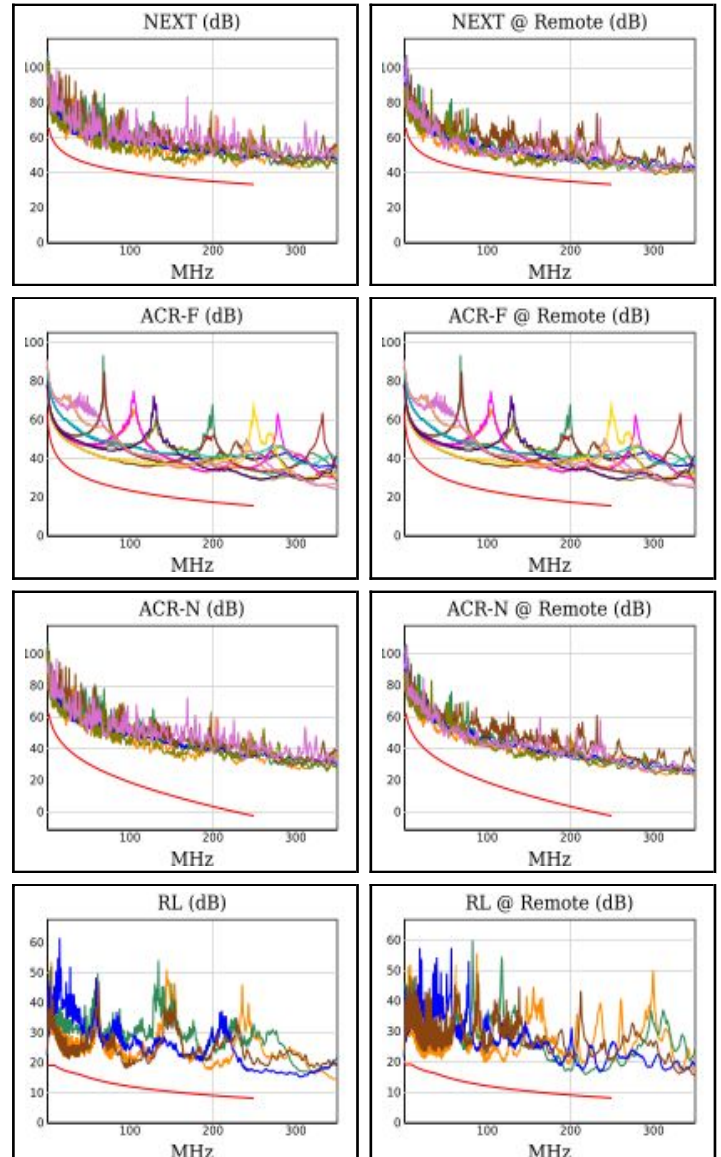
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	3,6-4,5	7,8-3,6	7,8-3,6
ACR-F (dB)	12.7	12.7	14.1	14.3
Freq. (MHz)	2.9	2.9	250.0	250.0
Limit (dB)	54.1	54.1	15.3	15.3
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	12.0	11.9	16.1	15.8
Freq. (MHz)	6.8	1.0	250.0	250.0
Limit (dB)	43.7	60.3	12.3	12.3

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)	12.3	12.7	30.1	29.4
Freq. (MHz)	7.3	7.3	229.0	239.5
Limit (dB)	53.5	53.5	-0.4	-1.6
Worst Pair	7,8	3,6	1,2	1,2
PS ACR-N (dB)	13.8	12.8	31.1	29.7
Freq. (MHz)	7.1	4.6	229.0	241.5
Limit (dB)	51.1	55.2	-3.3	-4.8

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	4,5	3,6
RL (dB)	4.3	4.0	9.0	7.2
Freq. (MHz)	27.5	25.4	250.0	219.5
Limit (dB)	16.8	17.0	8.0	8.6

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: 01-09-03

Test Summary: PASS

Date / Time: 08/08/2025 10:37:56 AM

Headroom: 4.4 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

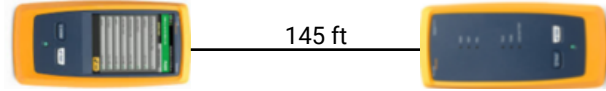
Main S/N: 1927404

Remote S/N: 1927408

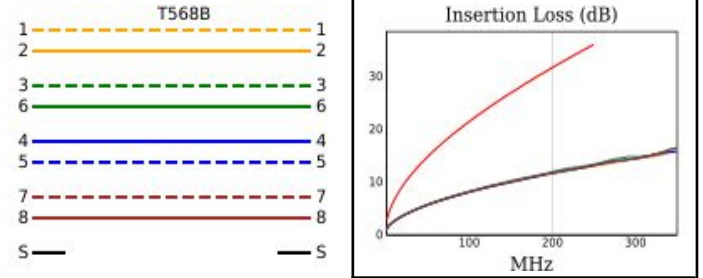
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 1,2]	145
Prop. Delay (ns), Limit 555	[Pair 4,5]	220
Delay Skew (ns), Limit 50	[Pair 4,5]	7
Resistance (ohms)	[Pair 4,5]	9.2
Insertion Loss Margin (dB)	[Pair 3,6]	22.6
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	3,6-7,8	3,6-7,8	3,6-7,8
NEXT (dB)	6.0	4.4	6.0	7.0
Freq. (MHz)	236.5	151.5	236.5	229.0
Limit (dB)	33.5	36.9	33.5	33.8
Worst Pair	3,6	3,6	3,6	7,8
PS NEXT (dB)	7.9	6.9	7.9	8.6
Freq. (MHz)	236.5	151.5	236.5	229.0
Limit (dB)	30.6	34.0	30.6	30.8

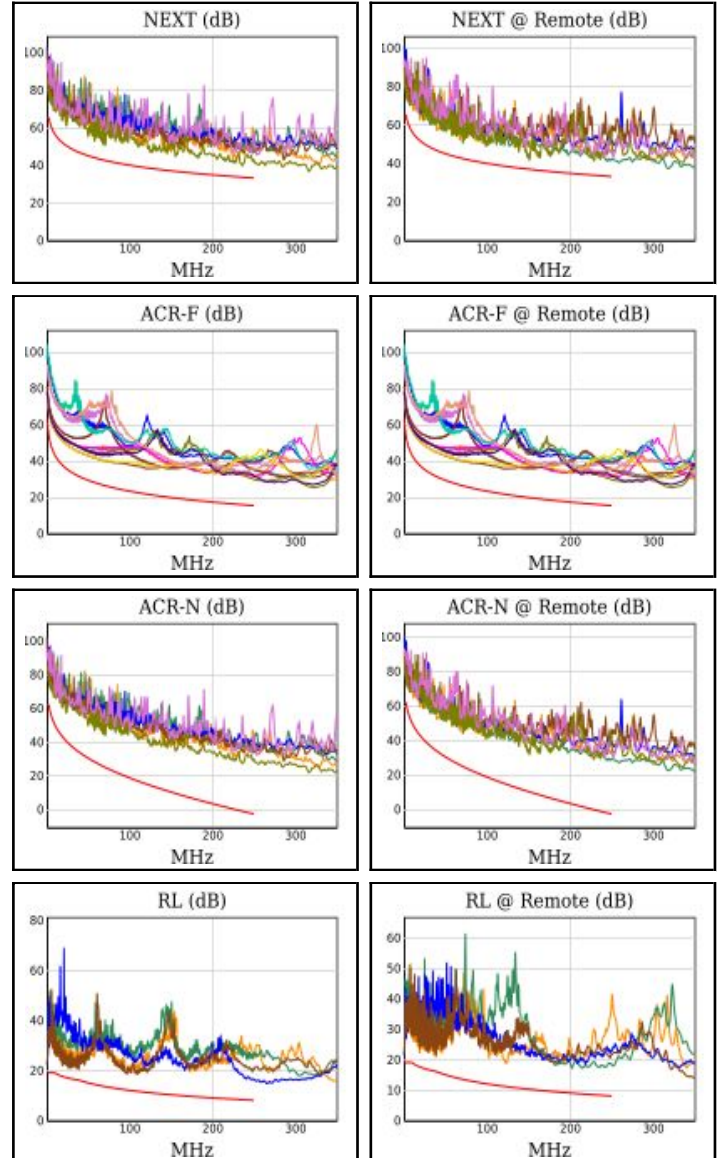
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	4,5-3,6	3,6-7,8	7,8-3,6
ACR-F (dB)	13.1	13.2	14.4	14.2
Freq. (MHz)	26.3	26.0	250.0	250.0
Limit (dB)	34.9	35.0	15.3	15.3
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	12.4	12.5	16.2	14.7
Freq. (MHz)	12.0	12.1	250.0	250.0
Limit (dB)	38.7	38.6	12.3	12.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-4,5	3,6-7,8	1,2-4,5
ACR-N (dB)	13.0	12.9	28.1	30.8
Freq. (MHz)	3.6	4.3	236.5	248.0
Limit (dB)	59.9	58.5	-1.3	-2.6
Worst Pair	3,6	3,6	3,6	4,5
PS ACR-N (dB)	13.6	12.9	29.8	31.6
Freq. (MHz)	4.3	4.5	236.5	242.0
Limit (dB)	56.0	55.4	-4.2	-4.9

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	4,5	3,6
RL (dB)	3.9	4.6	8.1	8.1
Freq. (MHz)	26.5	19.5	248.0	202.5
Limit (dB)	16.9	17.5	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		





Cable ID: 01-09-07

Test Summary: PASS

Date / Time: 10/14/2025 03:26:25 PM

Headroom: 5 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

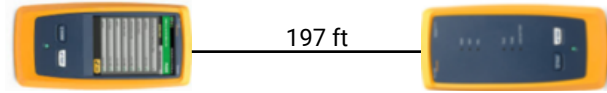
Main S/N: 1927404

Remote S/N: 1927408

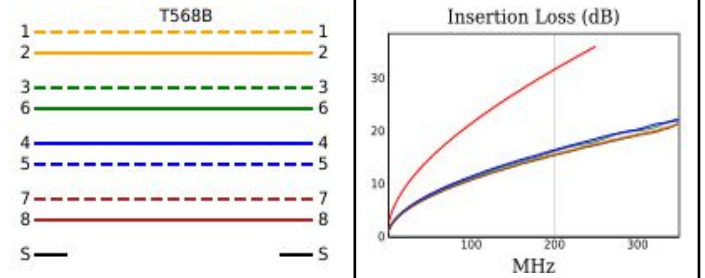
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 7,8]	197
Prop. Delay (ns), Limit 555	[Pair 4,5]	305
Delay Skew (ns), Limit 50	[Pair 4,5]	15
Resistance (ohms)	[Pair 3,6]	9.1
Insertion Loss Margin (dB)	[Pair 4,5]	17.5
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	1,2-3,6	1,2-4,5	1,2-3,6	1,2-4,5
NEXT (dB)	5.0	6.8	5.5	10.7
Freq. (MHz)	98.0	43.3	241.0	239.5
Limit (dB)	40.1	46.1	33.4	33.4
Worst Pair	3,6	1,2	3,6	3,6
PS NEXT (dB)	6.5	7.3	6.9	11.0
Freq. (MHz)	223.0	87.5	237.5	250.0
Limit (dB)	31.0	38.1	30.5	30.2

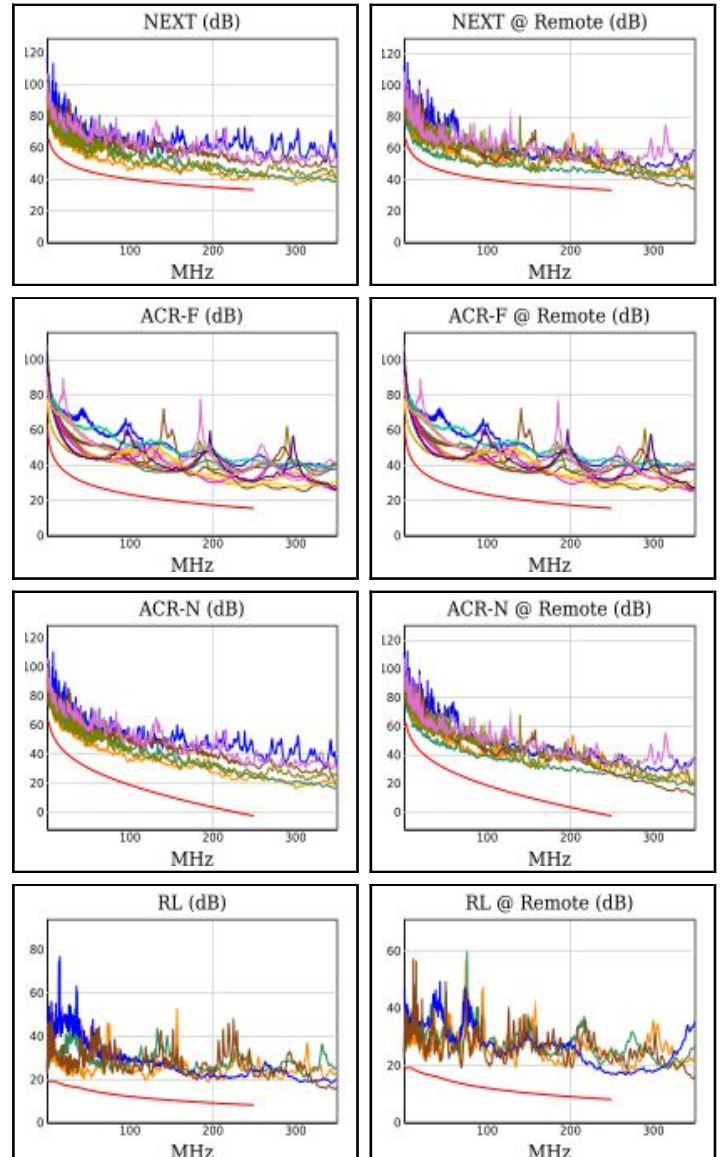
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	3,6-4,5	4,5-3,6
ACR-F (dB)	11.1	11.5	11.1	11.6
Freq. (MHz)	243.5	242.5	243.5	243.5
Limit (dB)	15.5	15.6	15.5	15.5
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	12.1	11.7	12.3	11.8
Freq. (MHz)	234.5	242.5	239.0	245.5
Limit (dB)	12.9	12.6	12.7	12.5

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-4,5	1,2-3,6	1,2-4,5
ACR-N (dB)	11.0	10.2	23.1	27.7
Freq. (MHz)	3.3	11.5	241.0	239.5
Limit (dB)	60.9	48.8	-1.8	-1.6
Worst Pair	3,6	1,2	3,6	3,6
PS ACR-N (dB)	11.0	12.4	24.2	29.1
Freq. (MHz)	3.3	11.0	237.5	250.0
Limit (dB)	58.4	46.7	-4.3	-5.8

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	7,8	1,2	4,5
RL (dB)	4.4	4.4	9.4	8.9
Freq. (MHz)	24.5	26.8	195.5	250.0
Limit (dB)	17.1	16.9	9.1	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		





Cable ID: 01-09-08

Test Summary: PASS

Date / Time: 10/14/2025 03:40:24 PM

Headroom: 4.2 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

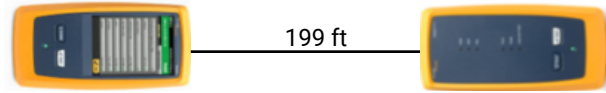
Main S/N: 1927404

Remote S/N: 1927408

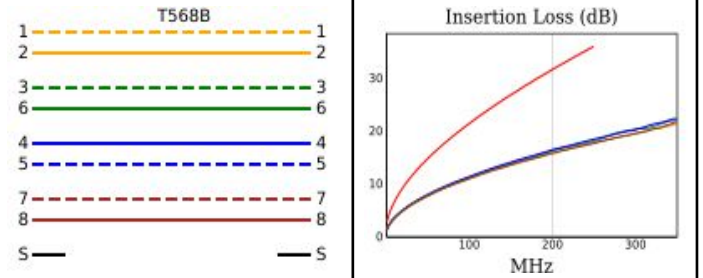
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 7,8]	199
Prop. Delay (ns), Limit 555	[Pair 4,5]	309
Delay Skew (ns), Limit 50	[Pair 4,5]	16
Resistance (ohms)	[Pair 7,8]	13.2
Insertion Loss Margin (dB)	[Pair 4,5]	17.5
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	1,2-3,6	3,6-7,8	1,2-3,6
NEXT (dB)	4.2	6.9	4.2	6.9
Freq. (MHz)	207.5	247.0	207.5	247.0
Limit (dB)	34.5	33.2	34.5	33.2
Worst Pair	3,6	1,2	3,6	1,2
PS NEXT (dB)	5.4	7.9	5.7	7.9
Freq. (MHz)	207.5	247.0	247.0	247.0
Limit (dB)	31.6	30.2	30.2	30.2

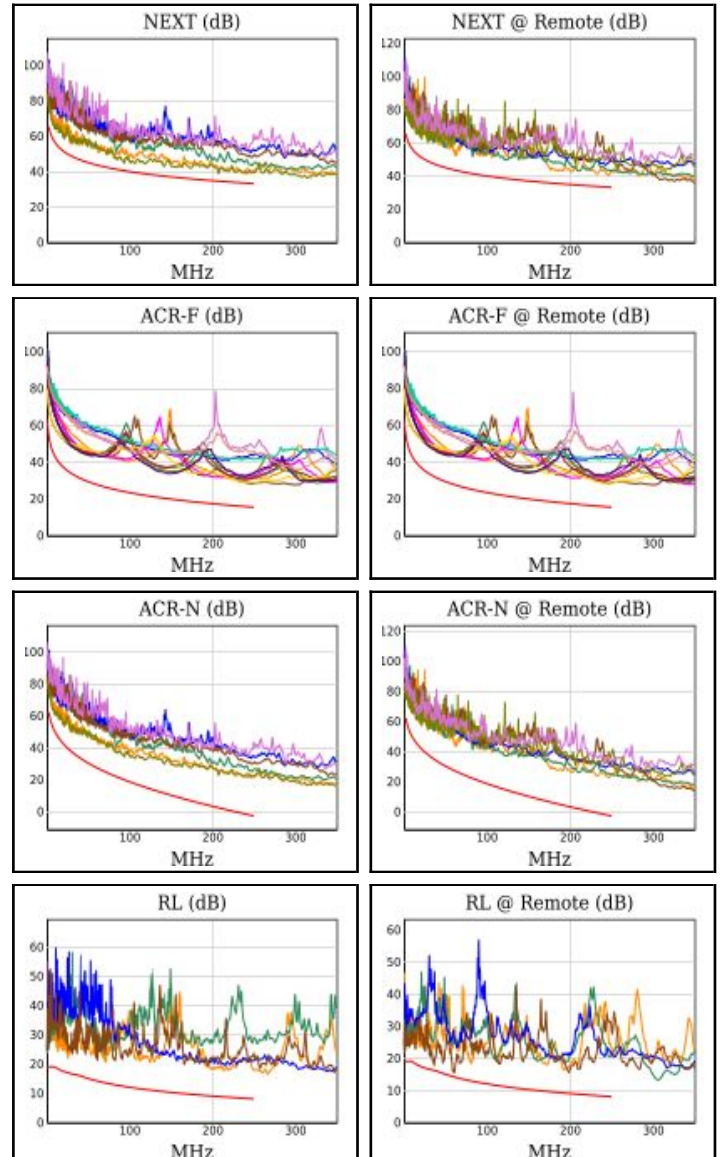
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	3,6-4,5
ACR-F (dB)	12.5	12.6	12.5	12.7
Freq. (MHz)	247.5	242.5	247.5	243.0
Limit (dB)	15.4	15.6	15.4	15.5
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	12.9	13.1	13.0	13.2
Freq. (MHz)	240.0	245.5	242.5	247.0
Limit (dB)	12.7	12.5	12.6	12.4

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)	9.9	12.3	23.4	24.7
Freq. (MHz)	3.1	2.8	247.0	247.0
Limit (dB)	61.2	61.6	-2.5	-2.5
Worst Pair	3,6	3,6	3,6	1,2
PS ACR-N (dB)	10.4	13.6	23.4	25.9
Freq. (MHz)	3.1	2.8	247.0	247.0
Limit (dB)	58.4	58.6	-5.4	-5.4

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	7,8	1,2	7,8
RL (dB)	5.0	1.3	8.9	6.5
Freq. (MHz)	26.1	59.5	213.5	199.0
Limit (dB)	16.9	14.3	8.7	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: 01-09-09

Test Summary: PASS

Date / Time: 10/14/2025 03:59:55 PM

Headroom: 6.6 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

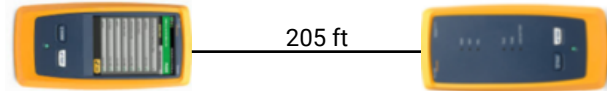
Main S/N: 1927404

Remote S/N: 1927408

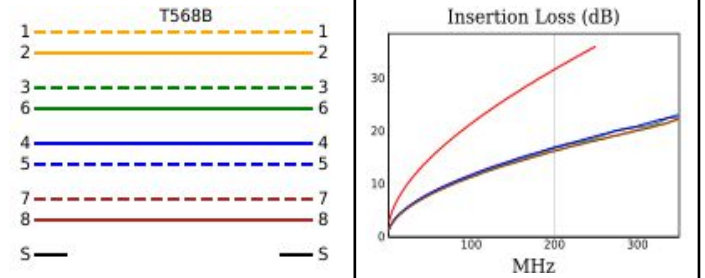
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 7,8]	205
Prop. Delay (ns), Limit 555	[Pair 4,5]	317
Delay Skew (ns), Limit 50	[Pair 4,5]	15
Resistance (ohms)	[Pair 7,8]	9.9
Insertion Loss Margin (dB)	[Pair 4,5]	16.9
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	1,2-3,6	3,6-4,5	3,6-7,8	3,6-4,5
NEXT (dB)	6.8	6.6	8.7	6.7
Freq. (MHz)	91.3	228.5	205.5	231.5
Limit (dB)	40.6	33.8	34.6	33.7
Worst Pair	1,2	4,5	3,6	4,5
PS NEXT (dB)	8.8	6.7	10.5	6.9
Freq. (MHz)	91.3	228.0	226.0	235.5
Limit (dB)	37.8	30.9	30.9	30.6

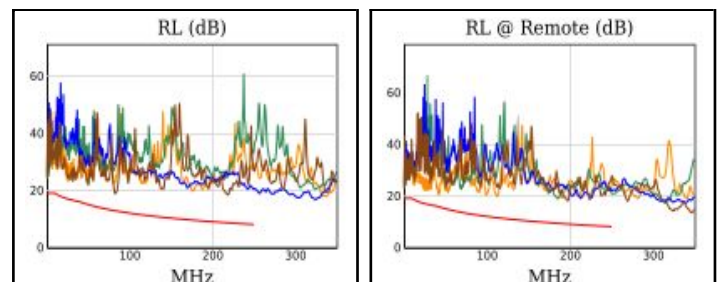
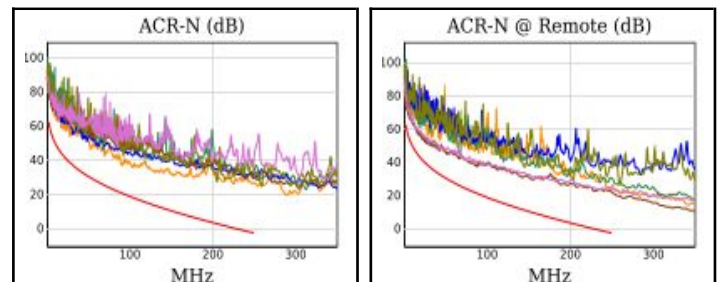
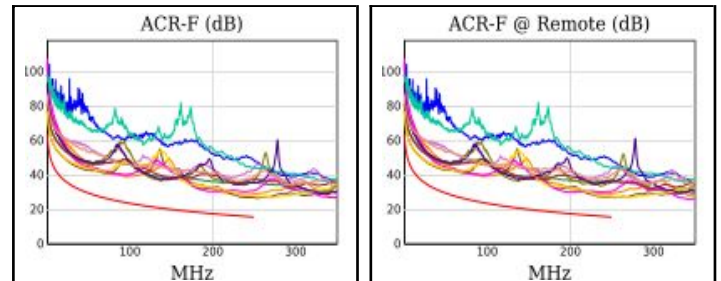
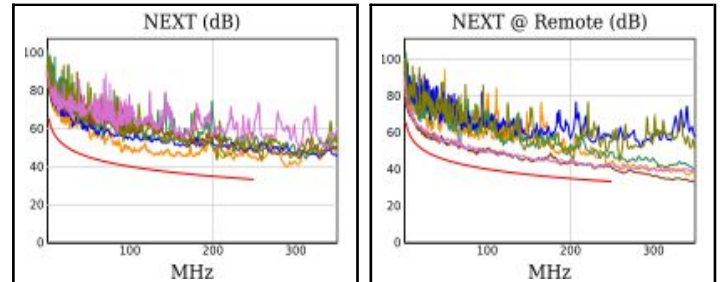
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	3,6-4,5	4,5-3,6
ACR-F (dB)	11.0	11.3	11.3	11.7
Freq. (MHz)	239.5	234.5	250.0	250.0
Limit (dB)	15.7	15.9	15.3	15.3
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	11.9	11.8	12.3	12.0
Freq. (MHz)	240.0	234.5	250.0	241.5
Limit (dB)	12.7	12.9	12.3	12.6

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-4,5	1,2-3,6	3,6-4,5
ACR-N (dB)	14.1	11.3	25.7	24.6
Freq. (MHz)	8.9	3.8	226.0	250.0
Limit (dB)	51.5	59.6	0.0	-2.8
Worst Pair	3,6	4,5	3,6	4,5
PS ACR-N (dB)	14.7	12.0	26.6	24.5
Freq. (MHz)	8.9	5.5	226.0	250.0
Limit (dB)	48.9	53.6	-2.9	-5.8

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	7,8	7,8
RL (dB)	6.0	4.6	9.8	9.1
Freq. (MHz)	83.3	41.8	219.5	198.0
Limit (dB)	12.8	15.8	8.6	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: 01-09-10

Test Summary: PASS

Date / Time: 10/14/2025 04:05:21 PM

Headroom: 7.2 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

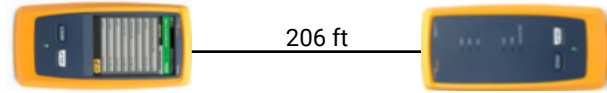
Main S/N: 1927404

Remote S/N: 1927408

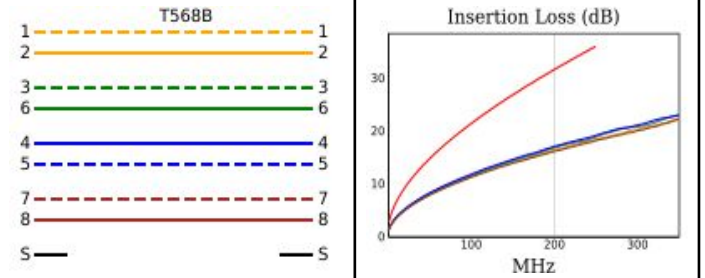
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 7,8]	206
Prop. Delay (ns), Limit 555	[Pair 4,5]	320
Delay Skew (ns), Limit 50	[Pair 4,5]	16
Resistance (ohms)	[Pair 3,6]	9.8
Insertion Loss Margin (dB)	[Pair 4,5]	16.8
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	1,2-4,5
NEXT (dB)	8.3	7.2	8.3	7.9
Freq. (MHz)	204.5	205.0	204.5	248.5
Limit (dB)	34.6	34.6	34.6	33.2
Worst Pair	3,6	1,2	3,6	1,2
PS NEXT (dB)	10.3	8.5	10.3	8.5
Freq. (MHz)	204.5	245.0	204.5	245.0
Limit (dB)	31.7	30.3	31.7	30.3

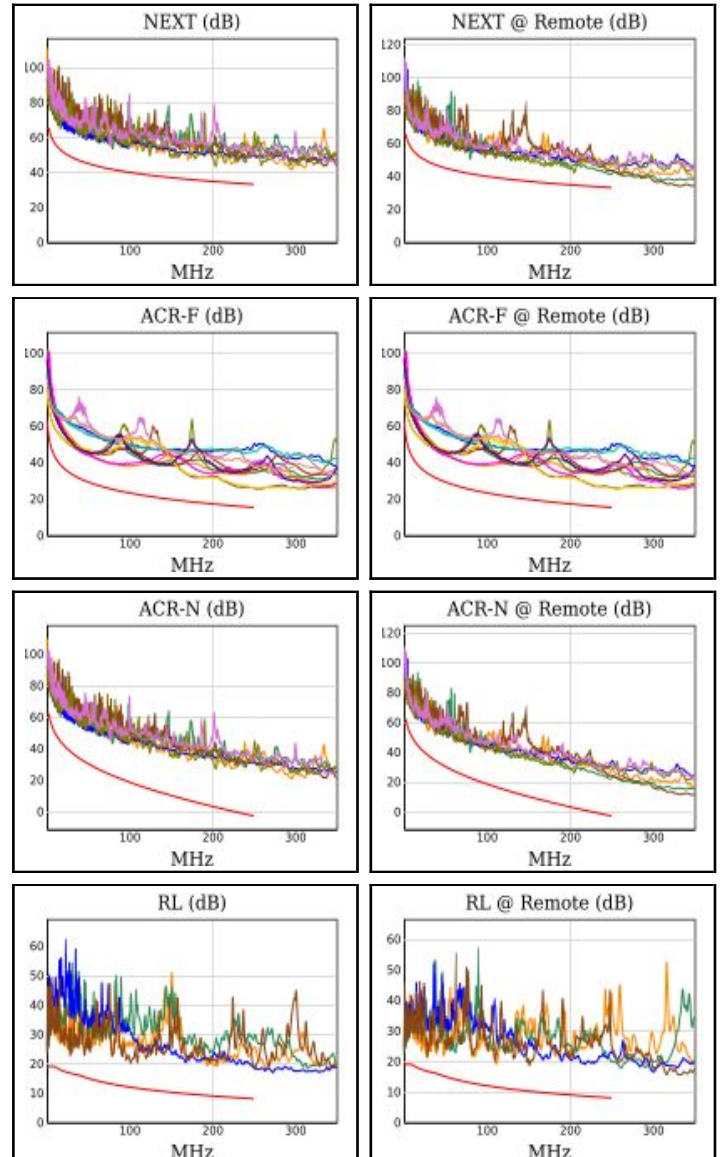
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	3,6-4,5
ACR-F (dB)	10.5	10.5	10.6	10.5
Freq. (MHz)	236.0	250.0	250.0	250.0
Limit (dB)	15.8	15.3	15.3	15.3
Worst Pair	4,5	3,6	3,6	4,5
PS ACR-F (dB)	12.8	12.7	12.9	12.8
Freq. (MHz)	248.5	234.5	249.5	250.0
Limit (dB)	12.4	12.9	12.3	12.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	3,6-7,8	1,2-4,5
ACR-N (dB)	15.2	13.7	23.9	24.8
Freq. (MHz)	4.5	4.5	204.5	248.5
Limit (dB)	58.0	58.0	2.7	-2.7
Worst Pair	3,6	3,6	3,6	4,5
PS ACR-N (dB)	15.3	13.6	27.6	25.6
Freq. (MHz)	4.6	4.5	227.5	250.0
Limit (dB)	55.2	55.4	-3.1	-5.8

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	4,5	7,8
RL (dB)	5.8	4.4	10.7	8.3
Freq. (MHz)	28.8	28.3	249.5	151.5
Limit (dB)	16.7	16.7	8.0	10.2

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: 01-09-11

Test Summary: PASS

Date / Time: 10/14/2025 04:03:16 PM

Headroom: 7.1 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

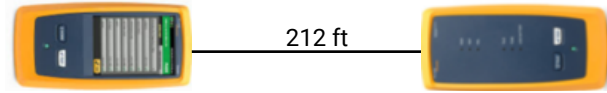
Main S/N: 1927404

Remote S/N: 1927408

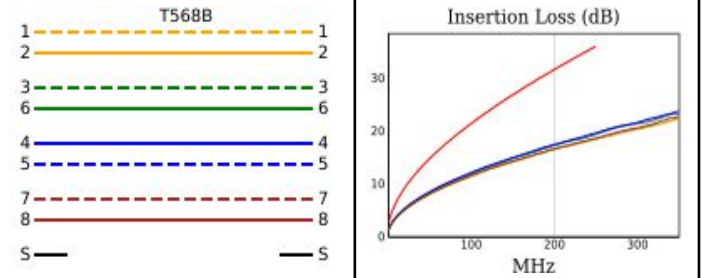
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 7,8]	212
Prop. Delay (ns), Limit 555	[Pair 4,5]	328
Delay Skew (ns), Limit 50	[Pair 4,5]	15
Resistance (ohms)	[Pair 7,8]	10.1
Insertion Loss Margin (dB)	[Pair 4,5]	16.4
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	1,2-3,6	1,2-3,6	3,6-7,8	1,2-3,6
NEXT (dB)	8.9	7.1	11.6	7.6
Freq. (MHz)	16.4	16.4	239.0	223.5
Limit (dB)	53.1	53.1	33.5	34.0
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	9.6	8.0	11.6	9.0
Freq. (MHz)	4.5	154.0	232.0	241.0
Limit (dB)	59.7	33.8	30.7	30.4

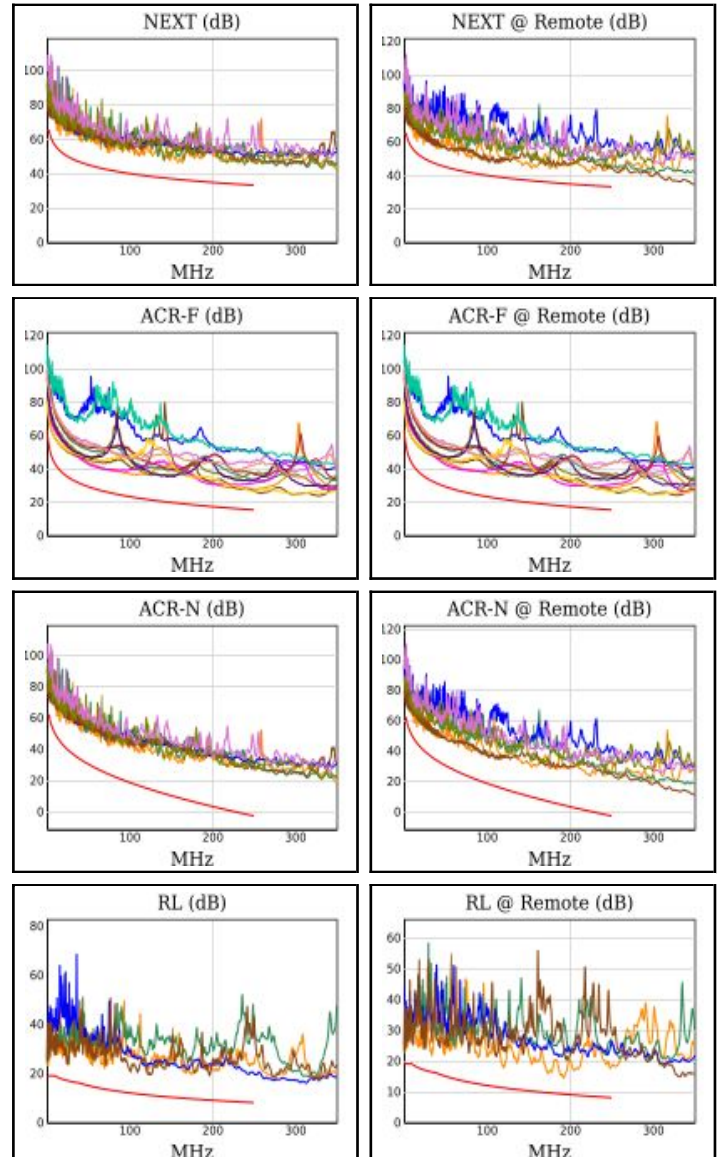
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	3,6-4,5	3,6-4,5	3,6-4,5
ACR-F (dB)	11.4	11.1	11.5	11.2
Freq. (MHz)	245.5	245.5	250.0	248.0
Limit (dB)	15.5	15.5	15.3	15.4
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	11.2	12.3	11.3	12.8
Freq. (MHz)	245.5	234.5	247.0	250.0
Limit (dB)	12.5	12.9	12.4	12.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	1,2-3,6	1,2-3,6
ACR-N (dB)	10.5	8.9	29.7	23.1
Freq. (MHz)	3.0	3.0	250.0	223.5
Limit (dB)	61.5	61.5	-2.8	0.3
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	11.2	10.0	29.1	25.3
Freq. (MHz)	3.0	3.0	250.0	241.0
Limit (dB)	58.5	58.5	-5.8	-4.7

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	7,8	1,2
RL (dB)	6.6	5.1	9.9	5.1
Freq. (MHz)	26.6	192.5	197.0	192.5
Limit (dB)	16.9	9.2	9.1	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: 01-09-12

Test Summary: PASS

Date / Time: 10/14/2025 04:08:27 PM

Headroom: 6.3 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

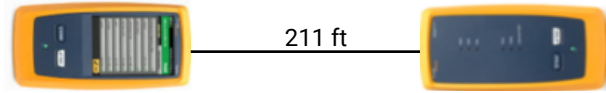
Main S/N: 1927404

Remote S/N: 1927408

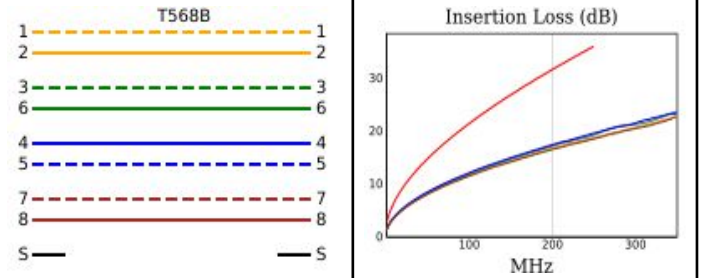
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 7,8]	211
Prop. Delay (ns), Limit 555	[Pair 4,5]	326
Delay Skew (ns), Limit 50	[Pair 4,5]	15
Resistance (ohms)	[Pair 7,8]	9.7
Insertion Loss Margin (dB)	[Pair 4,5]	16.4
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	1,2-3,6	3,6-7,8	3,6-7,8	3,6-7,8
NEXT (dB)	8.5	6.3	9.3	7.2
Freq. (MHz)	14.5	133.0	191.5	204.5
Limit (dB)	53.9	37.8	35.1	34.6
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	9.9	8.2	12.1	8.5
Freq. (MHz)	14.8	220.5	230.5	250.0
Limit (dB)	51.2	31.1	30.8	30.2

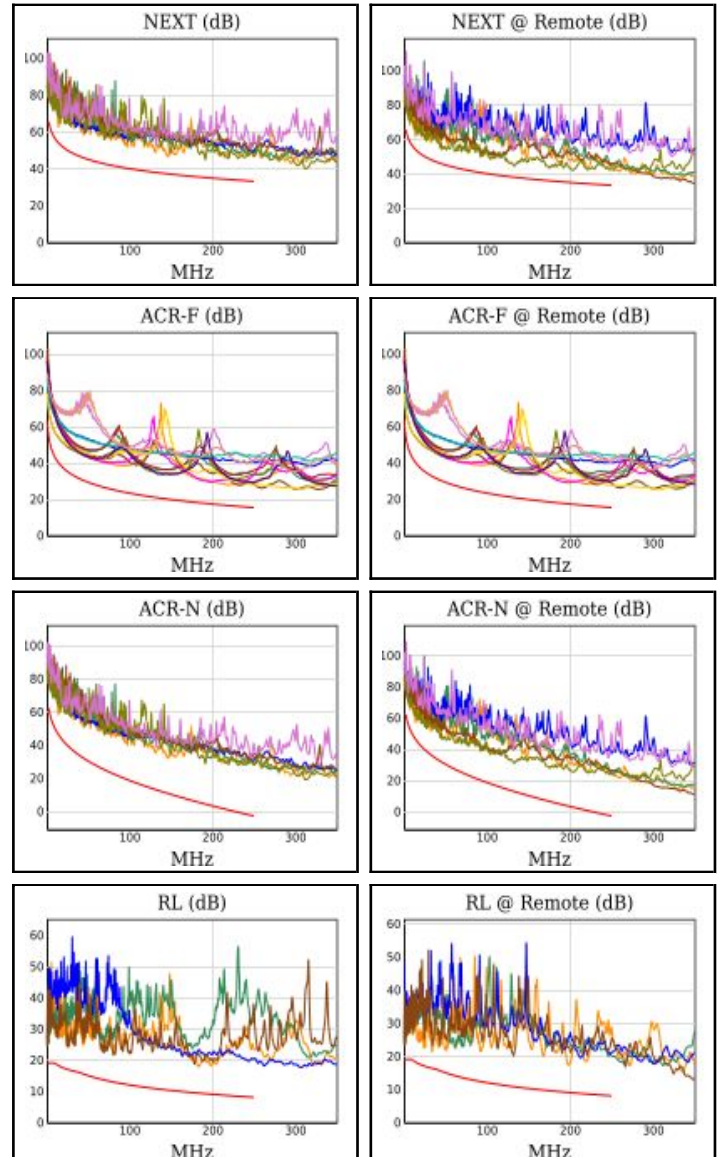
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	3,6-4,5	3,6-4,5
ACR-F (dB)	11.3	11.6	11.7	12.0
Freq. (MHz)	220.0	198.0	233.5	246.5
Limit (dB)	16.4	17.3	15.9	15.4
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	11.3	11.5	11.5	11.6
Freq. (MHz)	237.0	231.5	248.5	232.0
Limit (dB)	12.8	13.0	12.4	12.9

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	3,6-7,8
ACR-N (dB)	11.8	10.7	30.1	26.4
Freq. (MHz)	14.5	14.4	250.0	248.5
Limit (dB)	46.3	46.4	-2.8	-2.7
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	13.2	12.0	29.6	25.3
Freq. (MHz)	14.6	14.6	250.0	250.0
Limit (dB)	43.6	43.6	-5.8	-5.8

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	1,2	1,2	1,2
RL (dB)	6.8	4.9	8.3	8.2
Freq. (MHz)	26.3	34.5	183.5	198.5
Limit (dB)	16.9	16.3	9.4	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: 01-09-13

Test Summary: PASS

Date / Time: 08/08/2025 11:27:54 AM

Headroom: 7.3 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

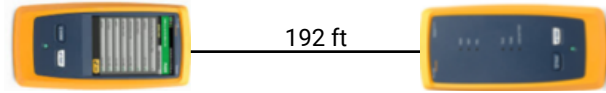
Main S/N: 1927404

Remote S/N: 1927408

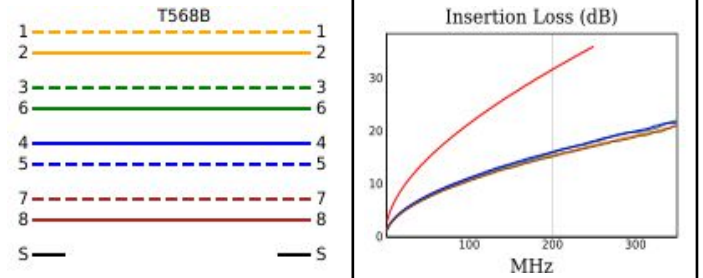
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 7,8]	192
Prop. Delay (ns), Limit 555	[Pair 4,5]	297
Delay Skew (ns), Limit 50	[Pair 4,5]	14
Resistance (ohms)	[Pair 4,5]	8.7
Insertion Loss Margin (dB)	[Pair 4,5]	17.9
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	35.9

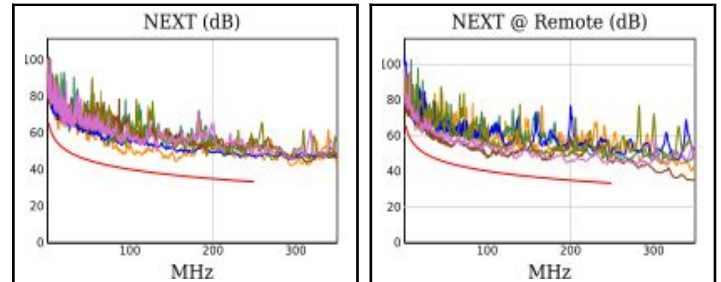


PASS

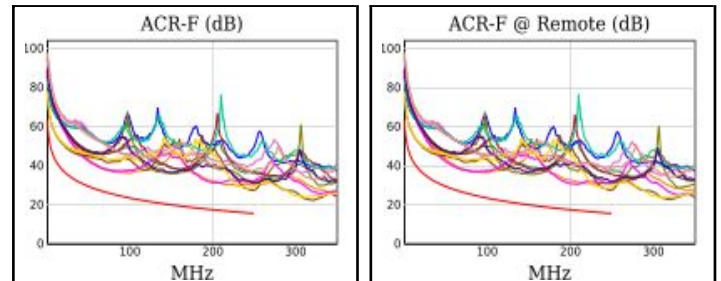


Worst Case Margin Worst Case Value

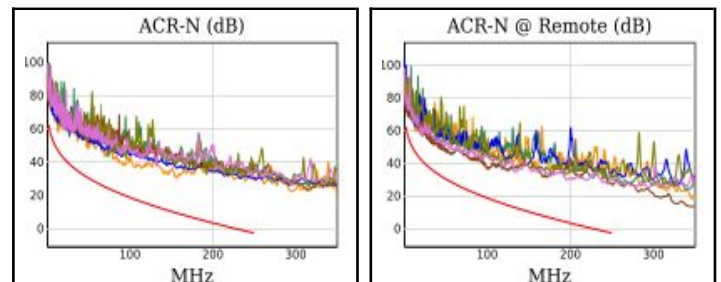
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-4,5	1,2-3,6	4,5-7,8
NEXT (dB)	7.4	7.3	7.4	10.4
Freq. (MHz)	157.0	101.5	157.0	245.0
Limit (dB)	36.6	39.8	36.6	33.3
Worst Pair	1,2	3,6	1,2	4,5
PS NEXT (dB)	9.0	9.1	12.2	10.5
Freq. (MHz)	14.1	3.3	239.5	245.5
Limit (dB)	51.5	62.0	30.5	30.3



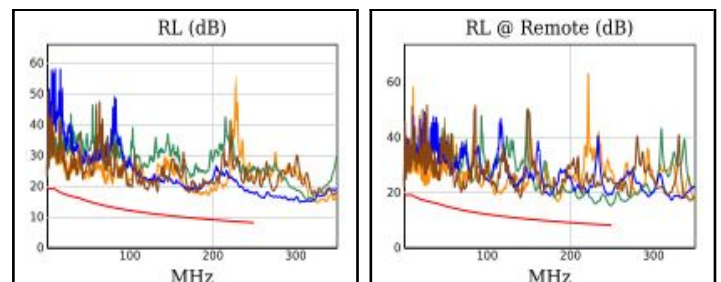
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	3,6-4,5	4,5-3,6
ACR-F (dB)	11.5	11.4	11.7	12.0
Freq. (MHz)	84.8	70.8	248.5	250.0
Limit (dB)	24.7	26.3	15.4	15.3
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	12.4	12.1	12.5	12.2
Freq. (MHz)	234.0	248.5	243.5	249.5
Limit (dB)	12.9	12.4	12.5	12.3



N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-4,5	1,2-3,6	4,5-7,8
ACR-N (dB)	11.3	10.1	30.0	29.2
Freq. (MHz)	14.3	3.3	240.0	245.0
Limit (dB)	46.5	60.9	-1.7	-2.3
Worst Pair	1,2	3,6	1,2	4,5
PS ACR-N (dB)	12.7	10.9	30.4	28.3
Freq. (MHz)	14.1	3.3	239.5	245.5
Limit (dB)	44.0	58.4	-4.6	-5.3



PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	1,2	1,2	3,6
RL (dB)	4.8	5.5	7.8	7.1
Freq. (MHz)	26.9	27.0	195.5	249.5
Limit (dB)	16.9	16.8	9.1	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		



Cable ID: 01-09-14

Test Summary: PASS

Date / Time: 08/08/2025 11:15:03 AM

Headroom: 7.8 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

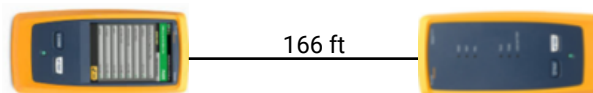
Main S/N: 1927404

Remote S/N: 1927408

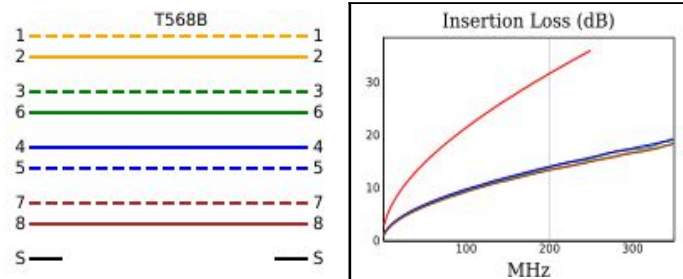
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 7,8]	166
Prop. Delay (ns), Limit 555	[Pair 4,5]	257
Delay Skew (ns), Limit 50	[Pair 4,5]	12
Resistance (ohms)	[Pair 4,5]	7.6
Insertion Loss Margin (dB)	[Pair 4,5]	20.2
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	1,2-7,8	1,2-3,6	1,2-7,8
NEXT (dB)	9.3	7.8	10.7	7.9
Freq. (MHz)	80.5	35.5	203.5	234.5
Limit (dB)	41.5	47.5	34.7	33.6
Worst Pair	3,6	1,2	3,6	7,8
PS NEXT (dB)	9.9	8.0	12.0	9.1
Freq. (MHz)	80.3	129.5	221.0	235.5
Limit (dB)	38.7	35.1	31.1	30.6

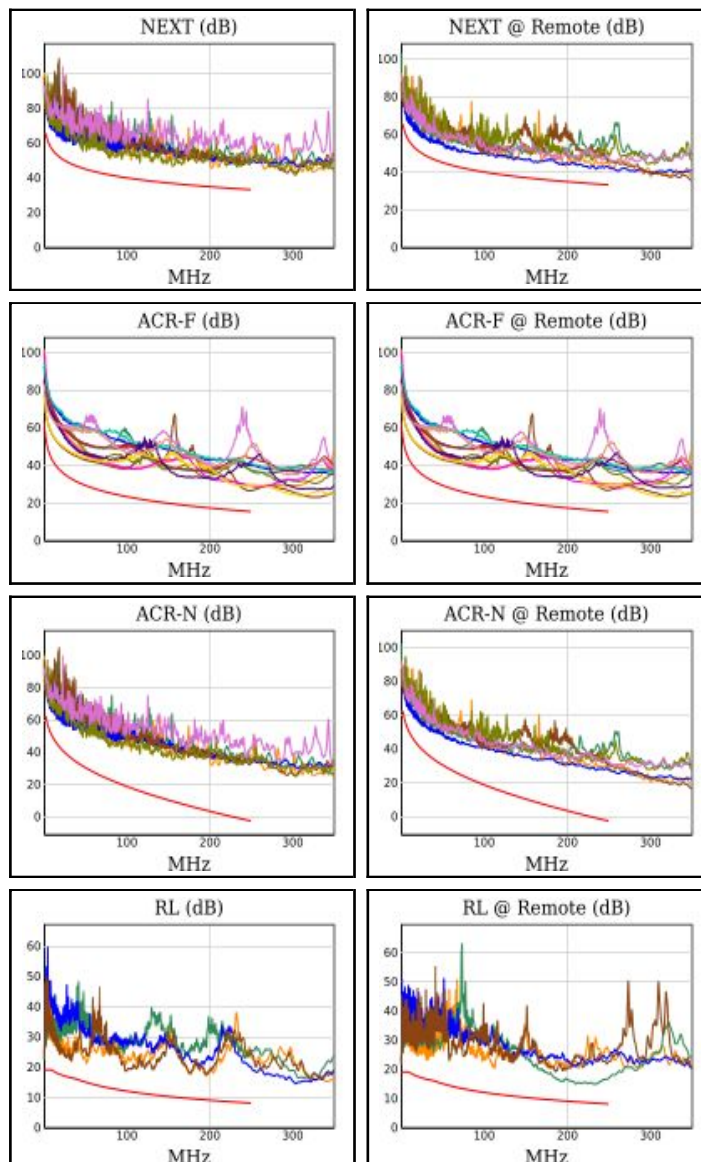
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	3,6-4,5	4,5-3,6
ACR-F (dB)	11.0	11.2	11.1	11.3
Freq. (MHz)	248.5	248.5	250.0	250.0
Limit (dB)	15.4	15.4	15.3	15.3
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	13.4	11.9	13.6	11.9
Freq. (MHz)	241.0	250.0	247.5	250.0
Limit (dB)	12.6	12.3	12.4	12.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-7,8	3,6-7,8	1,2-7,8
ACR-N (dB)	13.7	11.9	32.2	28.1
Freq. (MHz)	7.6	7.5	233.5	234.5
Limit (dB)	53.0	53.1	-0.9	-1.0
Worst Pair	3,6	7,8	3,6	1,2
PS ACR-N (dB)	13.4	12.4	33.2	30.1
Freq. (MHz)	3.6	7.4	242.5	243.0
Limit (dB)	57.4	50.7	-4.9	-5.0

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	3,6	1,2	3,6
RL (dB)	5.4	6.0	7.9	6.5
Freq. (MHz)	33.8	210.5	196.5	235.5
Limit (dB)	16.4	8.8	9.1	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: 01-09-16

Test Summary: PASS

Date / Time: 10/14/2025 05:39:43 PM

Headroom: 5 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

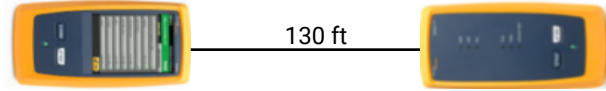
Main S/N: 1927404

Remote S/N: 1927408

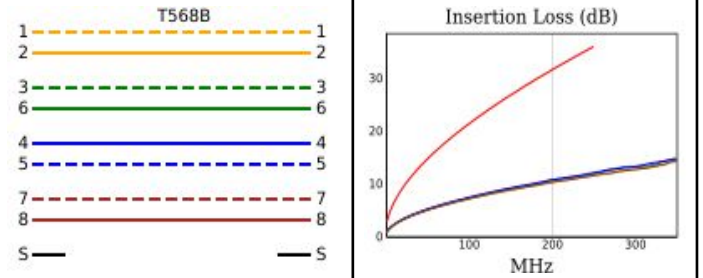
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 7,8]	130
Prop. Delay (ns), Limit 555	[Pair 4,5]	201
Delay Skew (ns), Limit 50	[Pair 4,5]	10
Resistance (ohms)	[Pair 7,8]	6.5
Insertion Loss Margin (dB)	[Pair 4,5]	23.9
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	1,2-3,6	1,2-3,6	3,6-7,8	1,2-3,6
NEXT (dB)	6.7	5.0	7.3	5.4
Freq. (MHz)	166.0	114.0	209.0	230.0
Limit (dB)	36.2	39.0	34.5	33.7
Worst Pair	3,6	1,2	3,6	1,2
PS NEXT (dB)	8.4	6.8	9.1	6.9
Freq. (MHz)	166.5	114.0	208.0	230.0
Limit (dB)	33.2	36.1	31.6	30.8

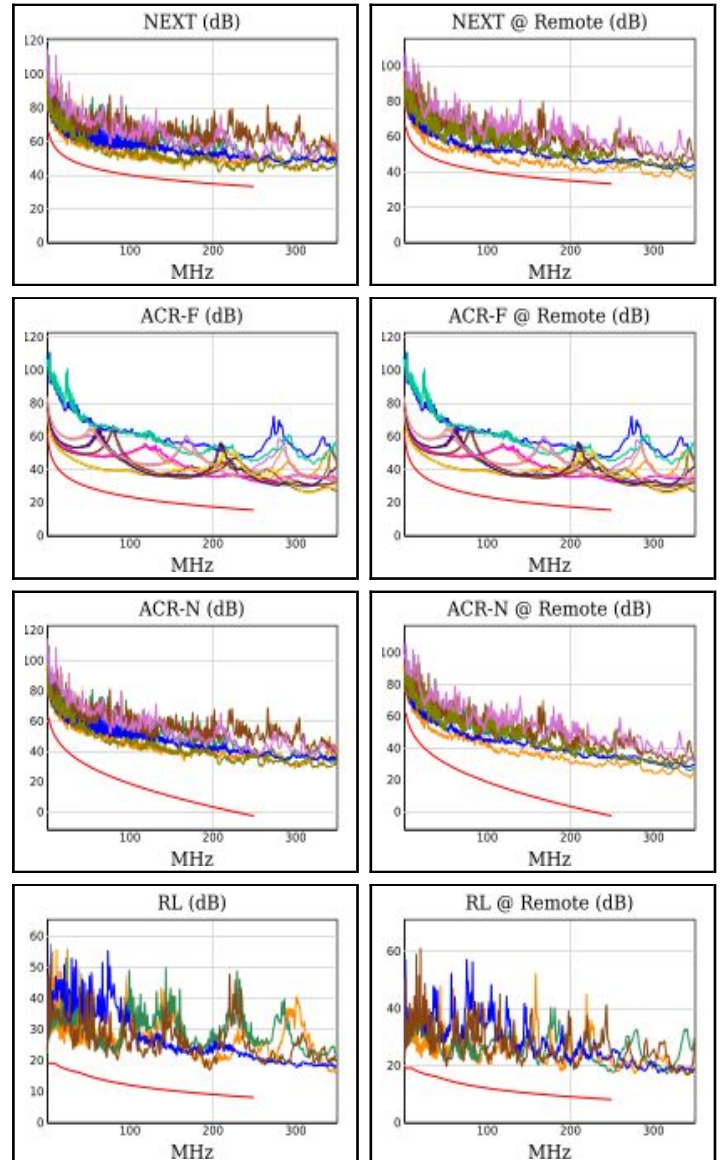
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	1,2-3,6	1,2-3,6
ACR-F (dB)	12.1	12.1	17.3	17.3
Freq. (MHz)	5.9	6.0	250.0	250.0
Limit (dB)	47.9	47.7	15.3	15.3
Worst Pair	4,5	4,5	3,6	3,6
PS ACR-F (dB)	12.5	12.3	17.2	17.1
Freq. (MHz)	1.0	1.0	250.0	250.0
Limit (dB)	60.3	60.3	12.3	12.3

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)	13.2	12.2	32.2	28.2
Freq. (MHz)	5.5	24.9	237.5	230.0
Limit (dB)	56.1	40.0	-1.4	-0.5
Worst Pair	3,6	1,2	3,6	1,2
PS ACR-N (dB)	13.9	13.1	32.8	31.0
Freq. (MHz)	5.0	5.4	226.5	238.5
Limit (dB)	54.5	53.8	-3.0	-4.4

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	7,8	3,6
RL (dB)	7.0	4.7	7.7	9.7
Freq. (MHz)	32.3	51.8	197.0	250.0
Limit (dB)	16.5	14.9	9.1	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		





Cable ID: 01-09-17

Test Summary: PASS

Date / Time: 08/08/2025 10:42:12 AM

Headroom: 6 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

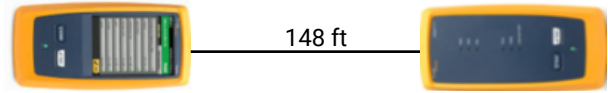
Main S/N: 1927404

Remote S/N: 1927408

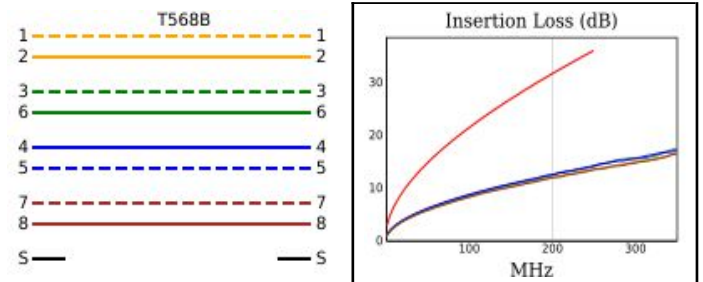
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 7,8]	148
Prop. Delay (ns), Limit 555	[Pair 4,5]	229
Delay Skew (ns), Limit 50	[Pair 4,5]	11
Resistance (ohms)	[Pair 4,5]	6.7
Insertion Loss Margin (dB)	[Pair 4,5]	21.8
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)	6.0	6.2	6.0	6.2
Freq. (MHz)	162.5	162.5	162.5	162.5
Limit (dB)	36.3	36.3	36.3	36.3
Worst Pair	3,6	3,6	3,6	1,2
PS NEXT (dB)	7.9	8.6	7.9	10.1
Freq. (MHz)	162.5	162.5	162.5	236.0
Limit (dB)	33.4	33.4	33.4	30.6

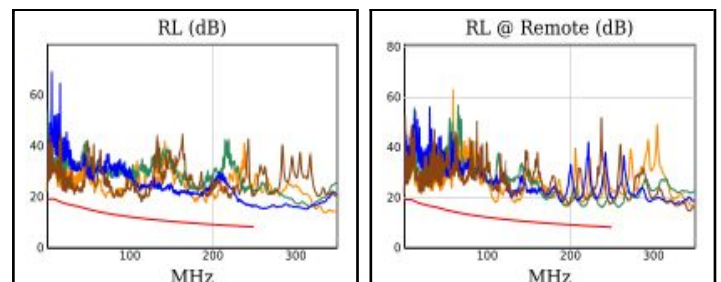
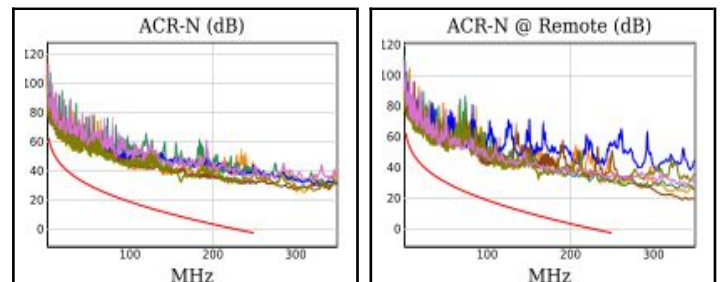
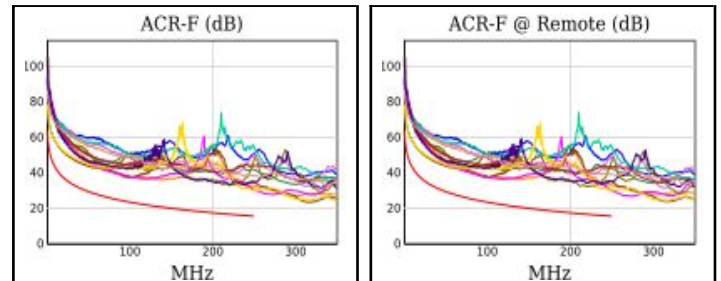
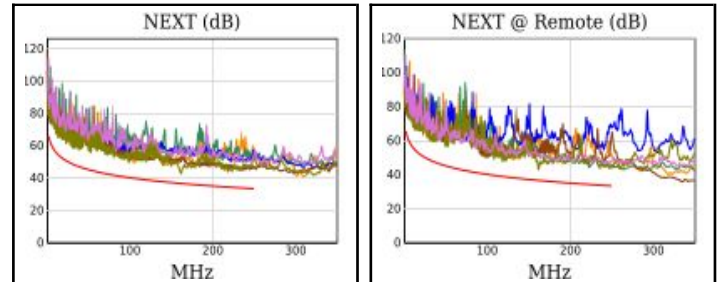
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	4,5-3,6	3,6-4,5
ACR-F (dB)	13.6	13.8	14.2	14.1
Freq. (MHz)	98.8	98.8	250.0	250.0
Limit (dB)	23.4	23.4	15.3	15.3
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	14.5	13.7	14.5	15.6
Freq. (MHz)	250.0	103.5	250.0	230.5
Limit (dB)	12.3	20.0	12.3	13.0

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)	13.7	13.8	32.3	30.8
Freq. (MHz)	4.3	2.3	238.0	236.0
Limit (dB)	58.5	61.9	-1.4	-1.2
Worst Pair	3,6	3,6	3,6	1,2
PS ACR-N (dB)	14.0	14.3	33.7	31.7
Freq. (MHz)	4.3	2.4	245.5	236.0
Limit (dB)	56.0	58.9	-5.3	-4.1

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	4,5	3,6
RL (dB)	4.5	3.9	7.9	7.6
Freq. (MHz)	33.8	21.3	249.5	239.5
Limit (dB)	16.4	17.4	8.0	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: 01-09-18

Date / Time: 08/08/2025 10:59:44 AM

Headroom: 7.3 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

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]	7.1
Insertion Loss Margin (dB)	[Pair 4,5]	21.0
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	3,6-4,5	3,6-7,8	3,6-4,5
NEXT (dB)	10.0	7.3	10.6	7.4
Freq. (MHz)	157.5	248.5	193.0	249.0
Limit (dB)	36.6	33.2	35.0	33.1
Worst Pair	3,6	3,6	1,2	3,6
PS NEXT (dB)	10.3	7.0	11.6	7.0
Freq. (MHz)	81.0	226.5	242.0	226.5
Limit (dB)	38.7	30.9	30.4	30.9

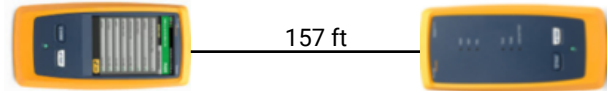
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	3,6-4,5	3,6-7,8	7,8-3,6
ACR-F (dB)	12.0	12.0	13.8	13.2
Freq. (MHz)	6.8	7.1	250.0	250.0
Limit (dB)	46.7	46.2	15.3	15.3
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	12.9	12.9	15.5	14.4
Freq. (MHz)	6.8	2.8	250.0	250.0
Limit (dB)	43.7	51.5	12.3	12.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-4,5	1,2-4,5	3,6-4,5
ACR-N (dB)	14.0	10.8	33.9	28.3
Freq. (MHz)	4.0	4.0	246.5	249.0
Limit (dB)	59.0	59.0	-2.4	-2.7
Worst Pair	3,6	3,6	1,2	3,6
PS ACR-N (dB)	13.5	11.7	33.1	26.9
Freq. (MHz)	4.0	4.1	244.0	226.5
Limit (dB)	56.5	56.2	-5.1	-3.0

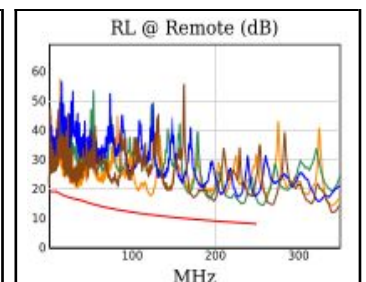
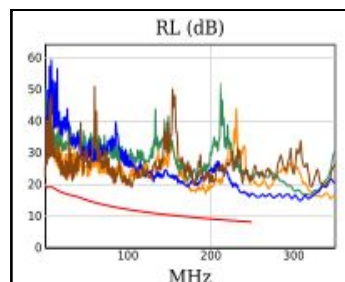
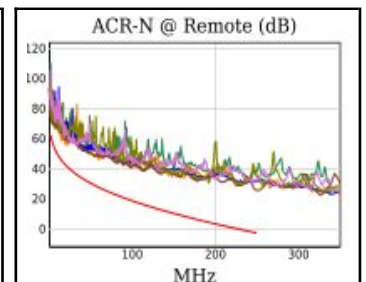
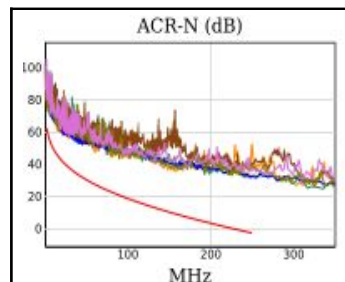
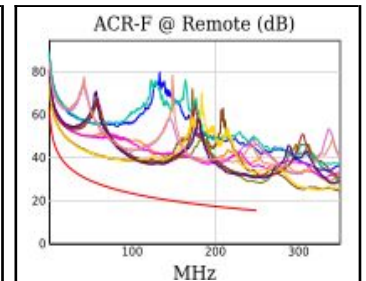
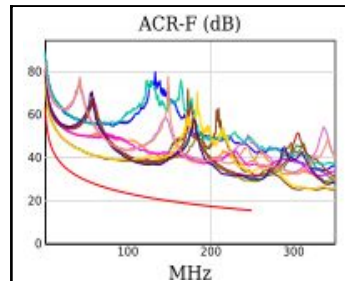
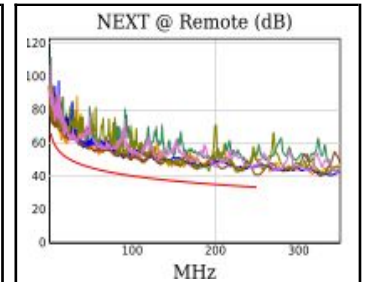
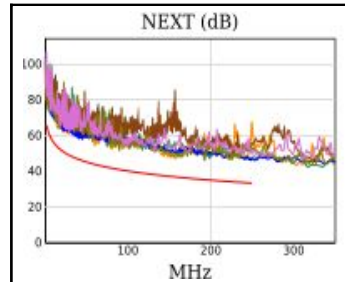
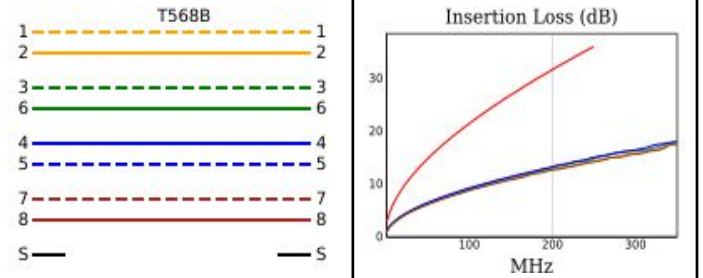
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	4,5	3,6
RL (dB)	4.4	3.9	7.8	6.6
Freq. (MHz)	26.9	35.3	246.5	232.0
Limit (dB)	16.9	16.3	8.1	8.3

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: 01-09-19

Test Summary: PASS

Date / Time: 08/08/2025 10:54:03 AM

Headroom: 6.1 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

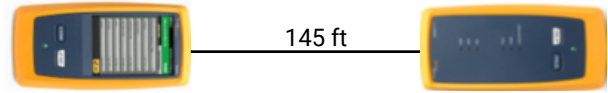
Main S/N: 1927404

Remote S/N: 1927408

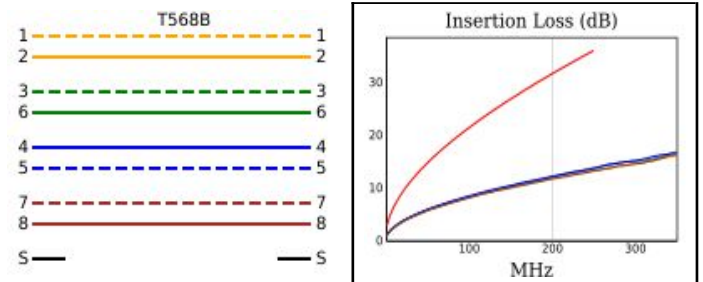
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 7,8]	145
Prop. Delay (ns), Limit 555	[Pair 4,5]	225
Delay Skew (ns), Limit 50	[Pair 4,5]	11
Resistance (ohms)	[Pair 4,5]	6.6
Insertion Loss Margin (dB)	[Pair 4,5]	22.2
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)	7.2	6.1	7.2	6.1
Freq. (MHz)	205.0	233.0	205.0	233.0
Limit (dB)	34.6	33.6	34.6	33.6
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	9.6	6.9	9.6	6.9
Freq. (MHz)	205.0	235.0	205.0	235.0
Limit (dB)	31.7	30.6	31.7	30.6

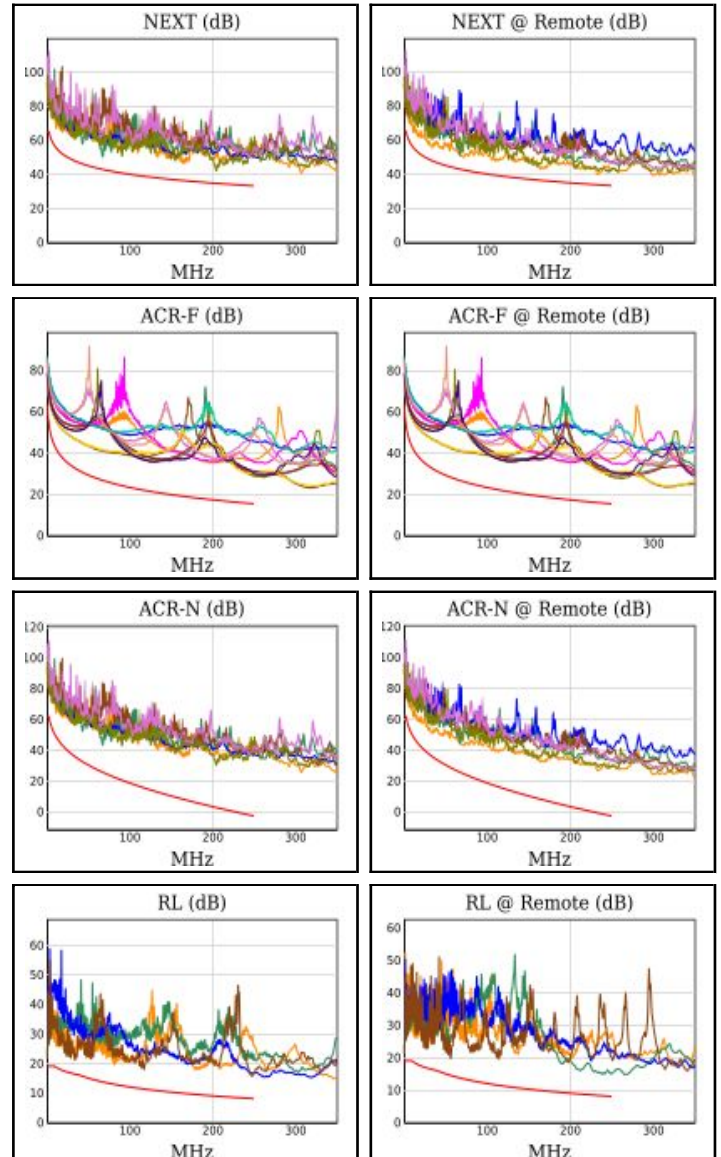
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	7,8-3,6	3,6-7,8	7,8-3,6
ACR-F (dB)	13.2	13.1	13.5	13.1
Freq. (MHz)	2.8	250.0	250.0	250.0
Limit (dB)	54.5	15.3	15.3	15.3
Worst Pair	3,6	3,6	4,5	3,6
PS ACR-F (dB)	13.4	13.0	14.3	13.0
Freq. (MHz)	5.1	250.0	250.0	250.0
Limit (dB)	46.1	12.3	12.3	12.3

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)	15.5	13.0	27.4	27.4
Freq. (MHz)	11.8	11.8	205.0	233.0
Limit (dB)	48.6	48.6	2.6	-0.8
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	15.8	13.2	29.4	28.4
Freq. (MHz)	6.8	4.4	205.0	235.0
Limit (dB)	51.6	55.7	-0.3	-4.0

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	7,8	3,6
RL (dB)	4.7	5.0	7.5	6.9
Freq. (MHz)	34.3	56.8	248.0	249.0
Limit (dB)	16.3	14.5	8.1	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		





Cable ID: 01-09-20

Test Summary: PASS

Date / Time: 08/08/2025 10:47:27 AM

Headroom: 4 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

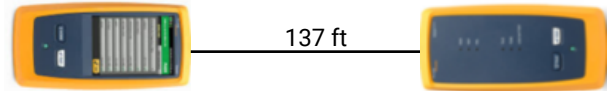
Main S/N: 1927404

Remote S/N: 1927408

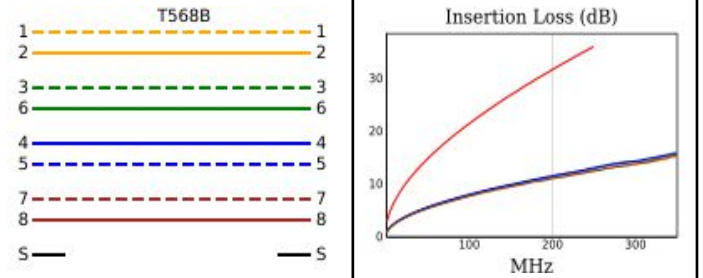
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 7,8]	137
Prop. Delay (ns), Limit 555	[Pair 4,5]	213
Delay Skew (ns), Limit 50	[Pair 4,5]	11
Resistance (ohms)	[Pair 3,6]	6.2
Insertion Loss Margin (dB)	[Pair 4,5]	22.9
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	3,6-7,8	1,2-4,5	3,6-7,8
NEXT (dB)	8.4	4.0	9.6	5.1
Freq. (MHz)	7.8	160.0	235.5	226.5
Limit (dB)	58.4	36.4	33.6	33.9
Worst Pair	3,6	7,8	4,5	7,8
PS NEXT (dB)	9.5	5.8	10.6	6.5
Freq. (MHz)	7.8	157.5	240.0	224.0
Limit (dB)	55.8	33.7	30.5	31.0

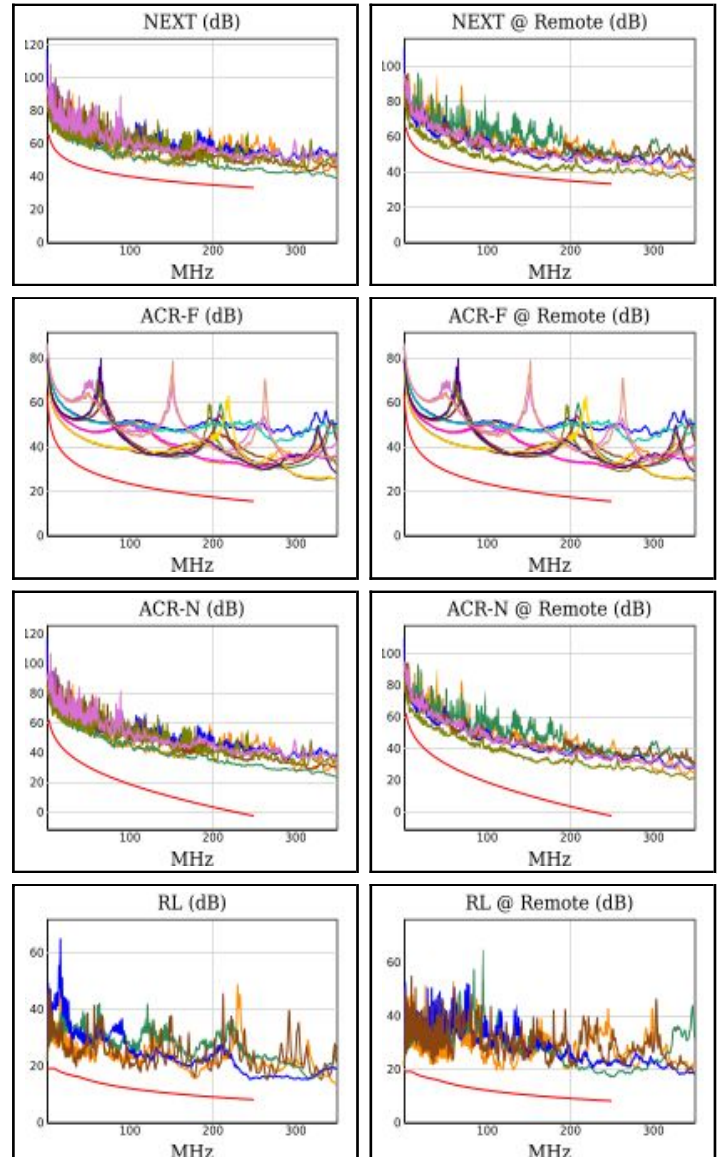
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	3,6-4,5	3,6-7,8	7,8-3,6
ACR-F (dB)	12.4	12.4	15.3	15.0
Freq. (MHz)	5.6	5.8	250.0	250.0
Limit (dB)	48.3	48.1	15.3	15.3
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	12.5	12.4	14.7	14.7
Freq. (MHz)	8.0	1.0	250.0	250.0
Limit (dB)	42.2	60.3	12.3	12.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	1,2-4,5	3,6-7,8
ACR-N (dB)	12.0	9.6	32.4	27.4
Freq. (MHz)	7.8	7.6	240.0	226.5
Limit (dB)	52.8	53.0	-1.7	-0.1
Worst Pair	3,6	3,6	4,5	7,8
PS ACR-N (dB)	13.0	10.8	33.1	30.8
Freq. (MHz)	7.8	7.5	240.0	244.5
Limit (dB)	50.3	50.6	-4.6	-5.2

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	4,5	3,6
RL (dB)	3.4	5.3	7.0	9.0
Freq. (MHz)	36.0	35.3	245.0	249.0
Limit (dB)	16.2	16.3	8.1	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		





Cable ID: 01-09-21

Test Summary: PASS

Date / Time: 08/08/2025 10:32:58 AM

Headroom: 4.9 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

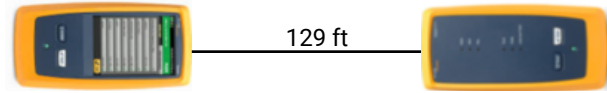
Main S/N: 1927404

Remote S/N: 1927408

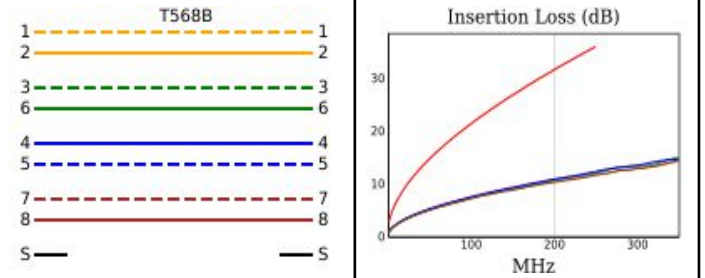
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 7,8]	129
Prop. Delay (ns), Limit 555	[Pair 4,5]	200
Delay Skew (ns), Limit 50	[Pair 4,5]	10
Resistance (ohms)	[Pair 3,6]	5.8
Insertion Loss Margin (dB)	[Pair 4,5]	23.7
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	3,6-7,8	3,6-7,8	3,6-7,8
NEXT (dB)	4.9	6.8	5.5	9.4
Freq. (MHz)	123.5	8.3	244.5	242.0
Limit (dB)	38.4	57.9	33.3	33.4
Worst Pair	3,6	3,6	3,6	7,8
PS NEXT (dB)	7.3	8.3	7.6	9.5
Freq. (MHz)	165.5	5.3	242.0	242.0
Limit (dB)	33.3	58.6	30.4	30.4

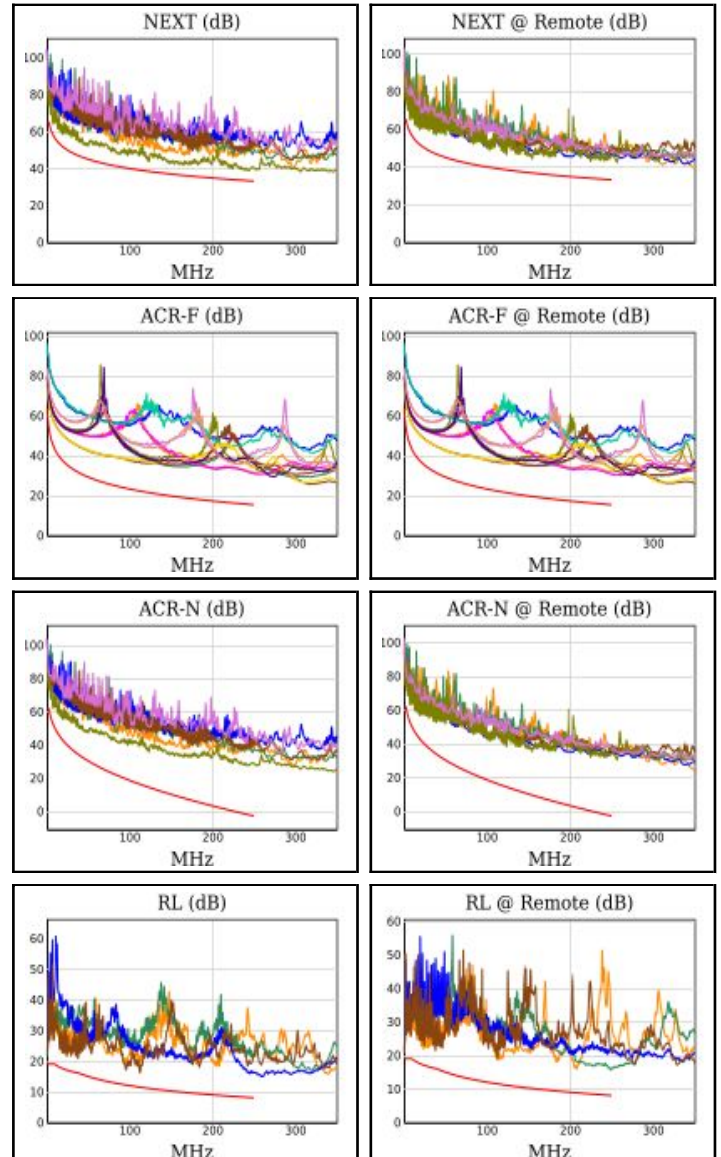
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-1,2	1,2-3,6
ACR-F (dB)	12.6	12.5	15.7	15.3
Freq. (MHz)	8.9	8.9	249.5	249.5
Limit (dB)	44.3	44.3	15.3	15.3
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	13.0	12.9	16.4	16.0
Freq. (MHz)	9.1	1.0	250.0	250.0
Limit (dB)	41.1	60.3	12.3	12.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	3,6-7,8	3,6-7,8
ACR-N (dB)	9.7	10.6	29.6	33.3
Freq. (MHz)	8.0	8.3	244.5	242.0
Limit (dB)	52.5	52.2	-2.2	-1.9
Worst Pair	3,6	3,6	3,6	7,8
PS ACR-N (dB)	11.7	11.3	31.2	33.4
Freq. (MHz)	5.0	5.0	242.0	242.0
Limit (dB)	54.5	54.5	-4.9	-4.9

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	4,5	3,6
RL (dB)	4.6	4.7	7.8	7.6
Freq. (MHz)	113.0	24.4	245.5	249.0
Limit (dB)	11.5	17.1	8.1	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		





Cable ID: 01-09-22

Test Summary: PASS

Date / Time: 08/08/2025 10:33:22 AM

Headroom: 6 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

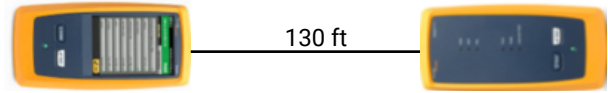
Main S/N: 1927404

Remote S/N: 1927408

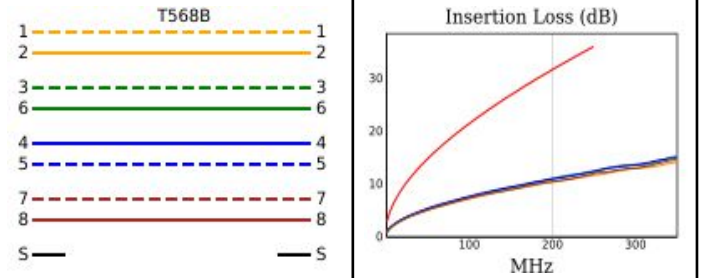
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 7,8]	130
Prop. Delay (ns), Limit 555	[Pair 4,5]	202
Delay Skew (ns), Limit 50	[Pair 4,5]	10
Resistance (ohms)	[Pair 3,6]	5.9
Insertion Loss Margin (dB)	[Pair 4,5]	23.5
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	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
NEXT (dB)	6.0	8.5	8.4	9.2
Freq. (MHz)	74.0	74.3	232.0	237.5
Limit (dB)	42.1	42.1	33.7	33.5
Worst Pair	3,6	3,6	1,2	3,6
PS NEXT (dB)	8.0	9.0	10.0	9.1
Freq. (MHz)	168.5	171.5	232.0	235.0
Limit (dB)	33.1	33.0	30.7	30.6

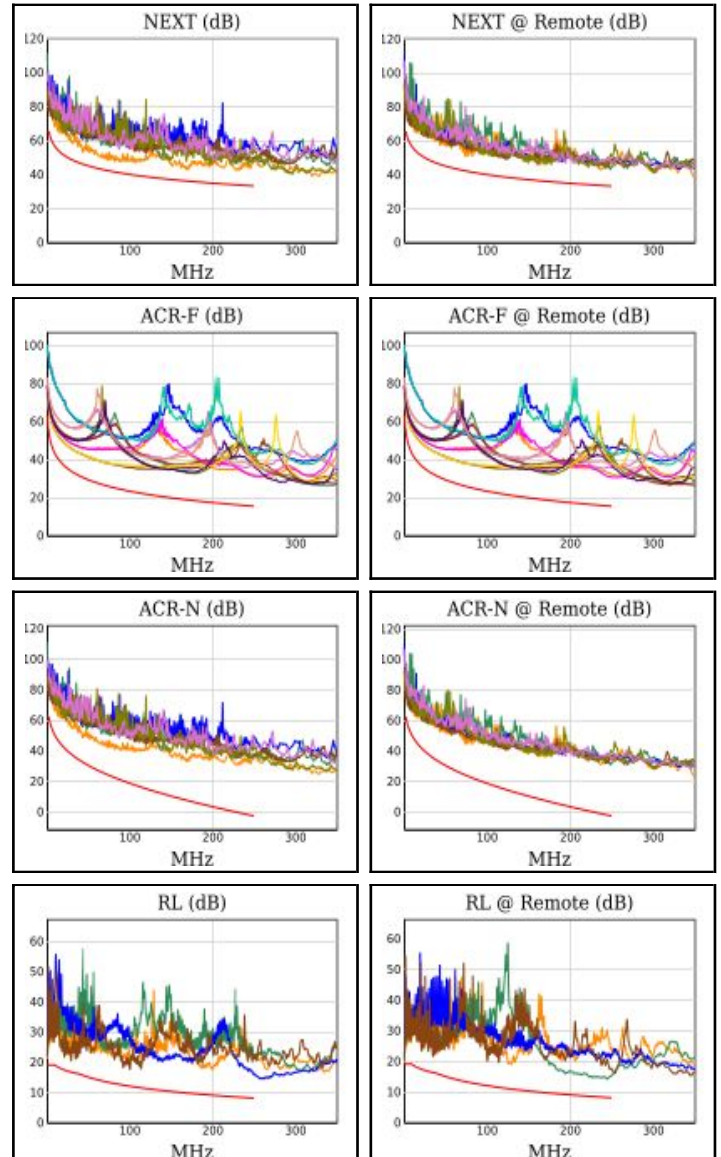
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-1,2	1,2-3,6
ACR-F (dB)	11.7	11.6	15.9	15.3
Freq. (MHz)	56.0	28.5	250.0	250.0
Limit (dB)	28.3	34.2	15.3	15.3
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	11.6	11.6	17.5	17.6
Freq. (MHz)	8.5	8.9	250.0	250.0
Limit (dB)	41.7	41.3	12.3	12.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	1,2-3,6	1,2-4,5
ACR-N (dB)	14.3	12.2	31.0	33.3
Freq. (MHz)	2.5	4.8	232.0	248.5
Limit (dB)	61.8	57.5	-0.7	-2.7
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	15.8	13.1	33.8	31.9
Freq. (MHz)	2.8	4.9	243.5	235.0
Limit (dB)	58.6	54.7	-5.0	-4.0

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	4,5	3,6
RL (dB)	3.8	5.2	7.9	6.0
Freq. (MHz)	29.6	35.3	249.0	245.0
Limit (dB)	16.6	16.3	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: 01-09-23

Test Summary: PASS

Date / Time: 08/08/2025 10:22:32 AM

Headroom: 7.6 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

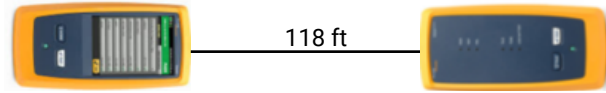
Main S/N: 1927404

Remote S/N: 1927408

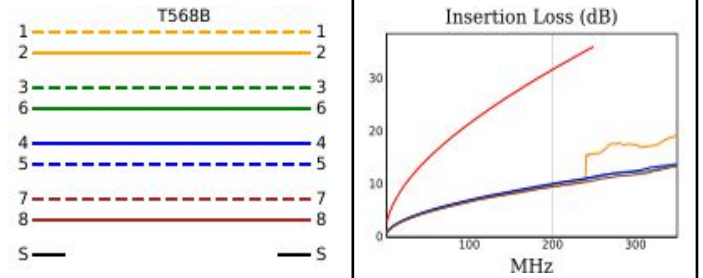
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 7,8]	118
Prop. Delay (ns), Limit 555	[Pair 4,5]	183
Delay Skew (ns), Limit 50	[Pair 4,5]	9
Resistance (ohms)	[Pair 4,5]	5.4
Insertion Loss Margin (dB)	[Pair 1,2]	20.1
Frequency (MHz)	[Pair 1,2]	248.5
Limit (dB)	[Pair 1,2]	35.8



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	3,6-7,8
NEXT (dB)	9.0	7.6	9.0	8.8
Freq. (MHz)	230.5	168.5	230.5	241.5
Limit (dB)	33.7	36.1	33.7	33.4
Worst Pair	1,2	3,6	1,2	3,6
PS NEXT (dB)	10.2	9.0	10.2	9.0
Freq. (MHz)	230.5	245.5	230.5	245.5
Limit (dB)	30.8	30.3	30.8	30.3

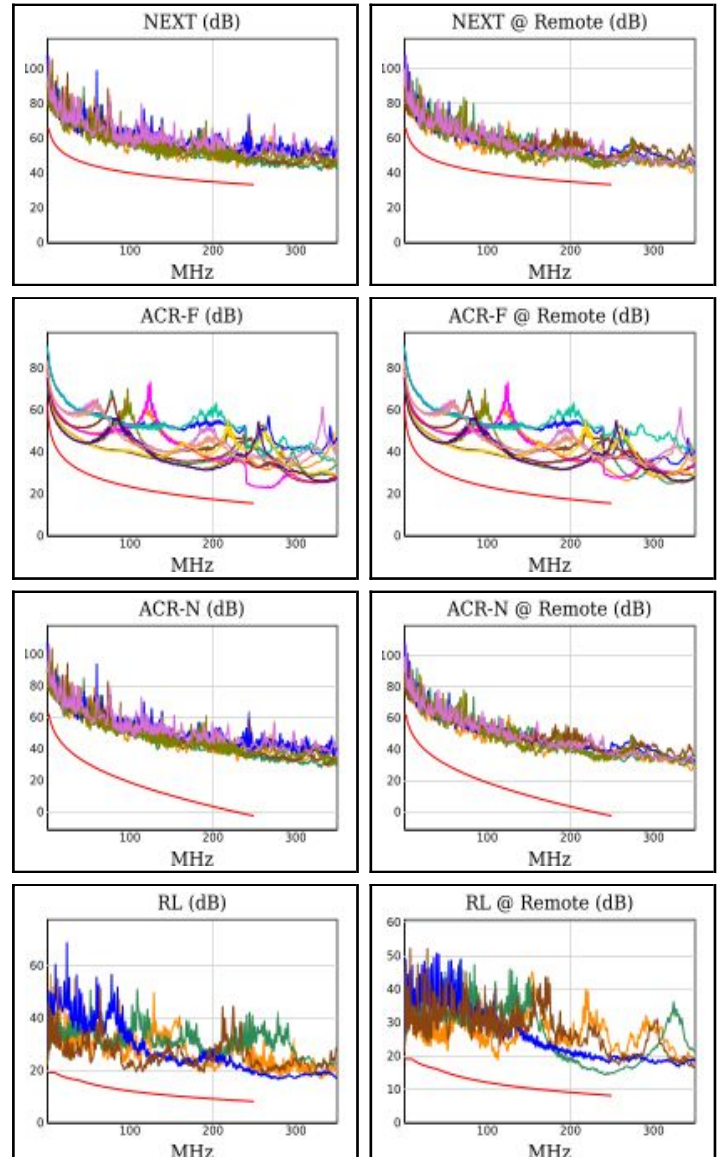
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-1,2	7,8-3,6	3,6-1,2	1,2-3,6
ACR-F (dB)	7.9	12.1	7.9	12.4
Freq. (MHz)	249.5	21.9	249.5	249.5
Limit (dB)	15.3	36.5	15.3	15.3
Worst Pair	1,2	3,6	1,2	3,6
PS ACR-F (dB)	10.6	12.2	10.6	15.1
Freq. (MHz)	250.0	1.0	250.0	249.5
Limit (dB)	12.3	60.3	12.3	12.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	1,2-3,6	3,6-7,8
ACR-N (dB)	14.7	13.0	32.5	33.7
Freq. (MHz)	2.6	2.9	230.5	241.5
Limit (dB)	61.7	61.6	-0.5	-1.8
Worst Pair	3,6	3,6	1,2	1,2
PS ACR-N (dB)	15.0	14.1	32.9	30.0
Freq. (MHz)	3.1	2.9	250.0	245.5
Limit (dB)	58.4	58.6	-5.8	-5.3

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	3,6	4,5	3,6
RL (dB)	7.1	6.1	10.0	6.1
Freq. (MHz)	30.3	243.0	250.0	243.0
Limit (dB)	16.6	8.1	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: 01-10-01

Date / Time: 08/08/2025 01:36:06 PM

Headroom: 5.7 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

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

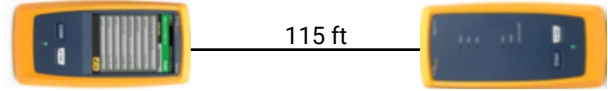
Remote S/N: 1927408

Main Adapter: DSX-CHA804

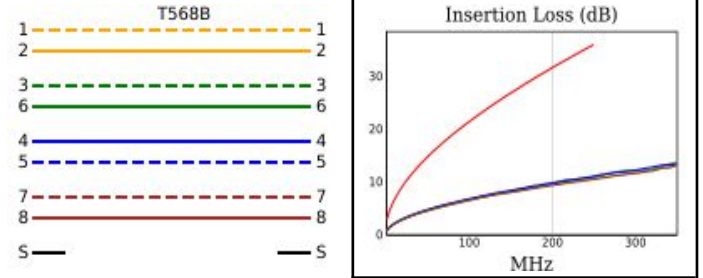
Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 7,8]	115
Prop. Delay (ns), Limit 555	[Pair 4,5]	180
Delay Skew (ns), Limit 50	[Pair 4,5]	10
Resistance (ohms)	[Pair 7,8]	5.3
Insertion Loss Margin (dB)	[Pair 4,5]	24.9
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	3,6-7,8	3,6-7,8	1,2-7,8
NEXT (dB)	5.7	6.3	5.7	7.5
Freq. (MHz)	204.5	204.0	204.5	247.5
Limit (dB)	34.6	34.6	34.6	33.2
Worst Pair	3,6	7,8	3,6	1,2
PS NEXT (dB)	7.6	7.1	7.6	7.9
Freq. (MHz)	204.5	204.0	204.5	244.5
Limit (dB)	31.7	31.7	31.7	30.3

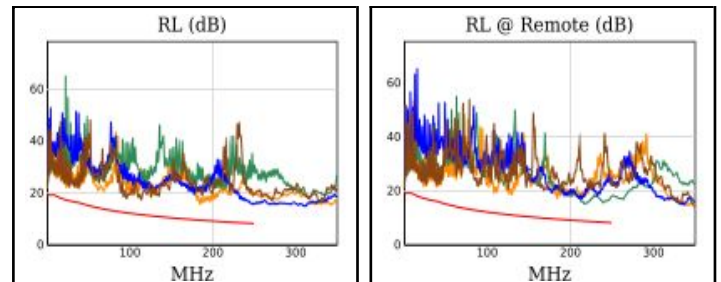
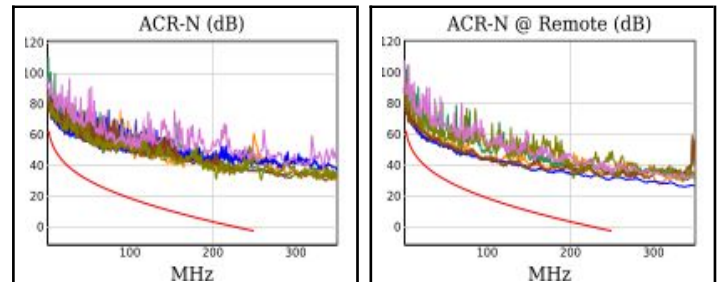
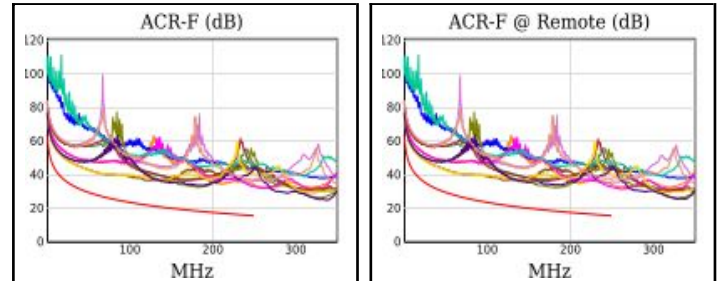
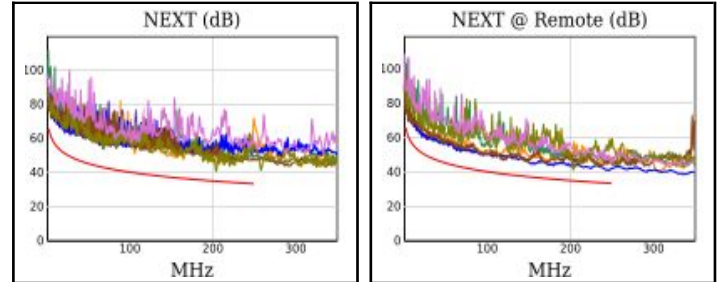
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-7,8	7,8-3,6
ACR-F (dB)	12.5	12.5	14.2	13.9
Freq. (MHz)	3.6	3.8	182.5	182.5
Limit (dB)	52.1	51.8	18.0	18.0
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	11.9	11.9	16.7	16.5
Freq. (MHz)	1.0	1.0	204.5	192.0
Limit (dB)	60.3	60.3	14.0	14.6

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-7,8	1,2-7,8
ACR-N (dB)	13.3	11.0	28.2	32.8
Freq. (MHz)	2.8	2.9	204.5	247.5
Limit (dB)	61.6	61.6	2.7	-2.5
Worst Pair	3,6	3,6	3,6	1,2
PS ACR-N (dB)	13.8	12.2	29.7	33.0
Freq. (MHz)	5.5	5.8	204.5	244.5
Limit (dB)	53.6	53.2	-0.3	-5.2

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	1,2	1,2	3,6
RL (dB)	4.7	4.3	5.9	6.3
Freq. (MHz)	24.3	24.3	185.0	217.5
Limit (dB)	17.1	17.1	9.3	8.6

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: 01-10-02

Date / Time: 08/08/2025 01:29:09 PM

Headroom: 7.6 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

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

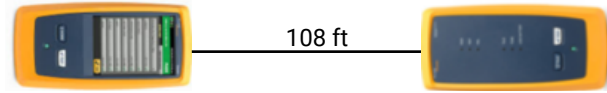
Remote S/N: 1927408

Main Adapter: DSX-CHA804

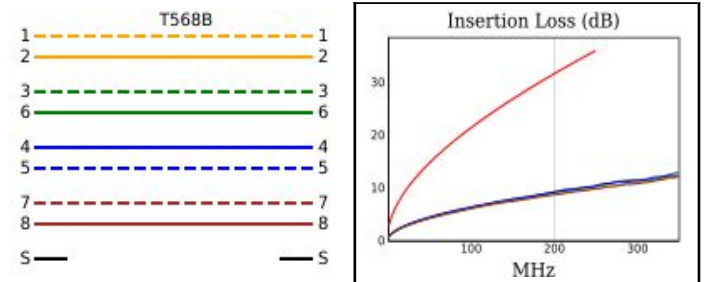
Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 7,8]	108
Prop. Delay (ns), Limit 555	[Pair 4,5]	167
Delay Skew (ns), Limit 50	[Pair 4,5]	8
Resistance (ohms)	[Pair 3,6]	4.9
Insertion Loss Margin (dB)	[Pair 4,5]	25.6
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	3,6-7,8	3,6-7,8	1,2-7,8
NEXT (dB)	9.6	7.6	10.8	8.3
Freq. (MHz)	190.0	136.0	227.5	243.0
Limit (dB)	35.2	37.7	33.8	33.3
Worst Pair	3,6	3,6	1,2	1,2
PS NEXT (dB)	10.8	8.0	12.0	8.5
Freq. (MHz)	152.5	132.0	249.5	236.5
Limit (dB)	33.9	35.0	30.2	30.6

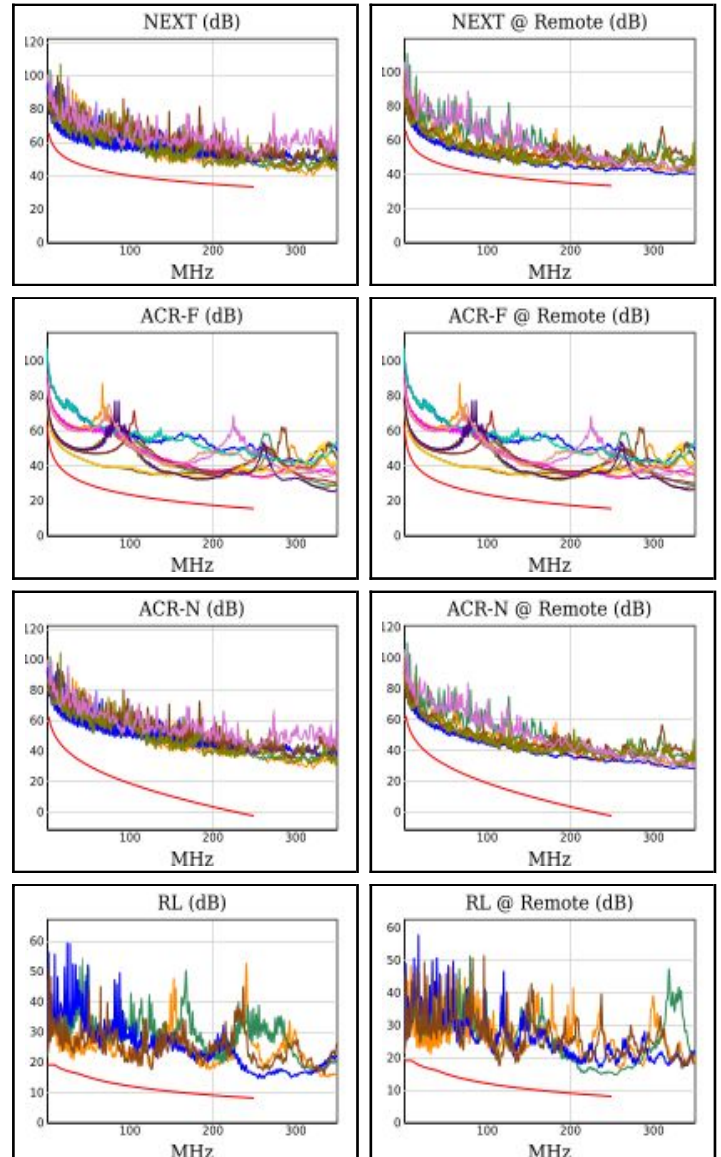
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-7,8	7,8-3,6
ACR-F (dB)	11.9	11.8	14.1	13.7
Freq. (MHz)	4.3	7.3	189.0	189.0
Limit (dB)	50.7	46.1	17.7	17.7
Worst Pair	4,5	4,5	3,6	3,6
PS ACR-F (dB)	12.5	12.6	14.1	14.8
Freq. (MHz)	1.0	1.3	200.0	198.5
Limit (dB)	60.3	58.3	14.2	14.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	3,6-4,5	3,6-7,8	1,2-7,8
ACR-N (dB)	15.4	12.5	35.5	34.0
Freq. (MHz)	3.5	3.0	227.5	243.0
Limit (dB)	60.2	61.5	-0.2	-2.0
Worst Pair	7,8	3,6	1,2	3,6
PS ACR-N (dB)	16.4	14.0	38.1	33.5
Freq. (MHz)	3.5	3.3	249.5	238.0
Limit (dB)	57.7	58.4	-5.7	-4.4

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	1,2	4,5	3,6
RL (dB)	4.3	4.6	7.8	6.7
Freq. (MHz)	32.5	32.8	249.0	237.5
Limit (dB)	16.4	16.4	8.0	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: 01-10-03

Date / Time: 08/08/2025 01:25:41 PM

Headroom: 4.6 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

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]	77
Prop. Delay (ns), Limit 555	[Pair 4,5]	120
Delay Skew (ns), Limit 50	[Pair 4,5]	6
Resistance (ohms)	[Pair 3,6]	3.6
Insertion Loss Margin (dB)	[Pair 3,6]	28.2
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	4,5-7,8	1,2-4,5	4,5-7,8
NEXT (dB)	7.5	4.6	9.7	6.2
Freq. (MHz)	116.0	67.8	246.5	248.0
Limit (dB)	38.8	42.8	33.2	33.2
Worst Pair	3,6	4,5	3,6	4,5
PS NEXT (dB)	7.6	6.1	9.3	6.1
Freq. (MHz)	101.0	248.0	243.5	248.0
Limit (dB)	37.0	30.2	30.4	30.2

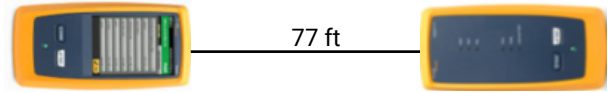
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	1,2-3,6	3,6-1,2
ACR-F (dB)	10.4	10.4	11.5	11.9
Freq. (MHz)	100.0	100.0	243.5	243.5
Limit (dB)	23.3	23.3	15.5	15.5
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	12.2	11.0	13.8	12.6
Freq. (MHz)	203.0	114.5	250.0	245.5
Limit (dB)	14.1	19.1	12.3	12.5

N/A	MAIN	SR	MAIN	SR
Worst Pair	4,5-7,8	4,5-7,8	1,2-4,5	4,5-7,8
ACR-N (dB)	11.6	11.2	37.8	35.1
Freq. (MHz)	3.0	3.1	246.5	248.5
Limit (dB)	61.5	61.2	-2.4	-2.7
Worst Pair	4,5	4,5	3,6	4,5
PS ACR-N (dB)	13.7	12.4	37.2	34.4
Freq. (MHz)	3.5	3.3	243.5	248.0
Limit (dB)	57.7	58.4	-5.0	-5.6

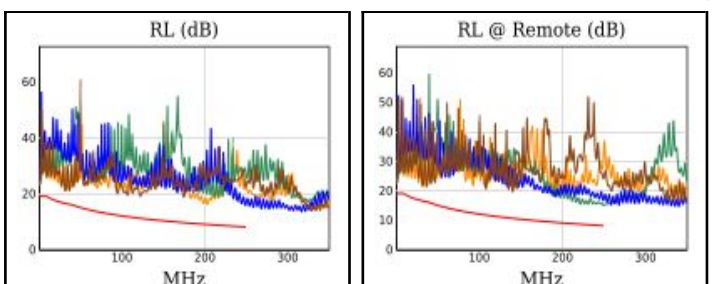
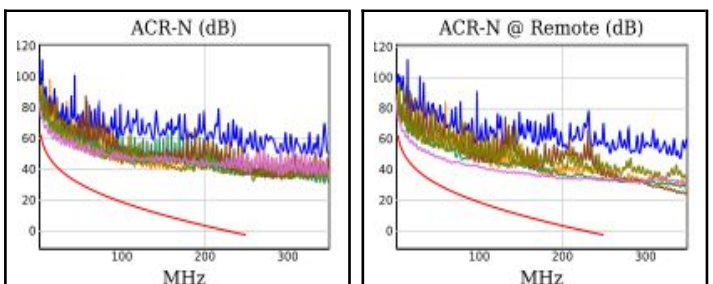
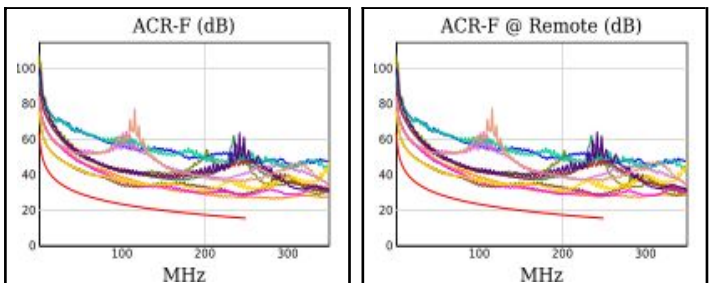
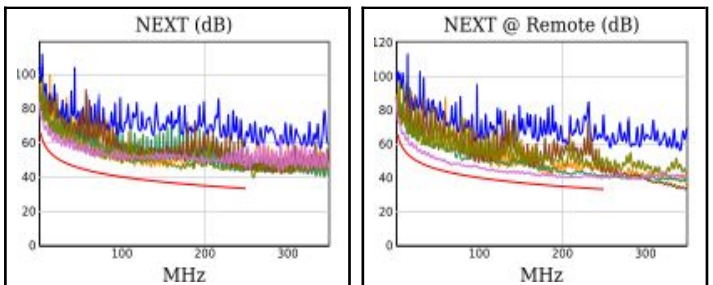
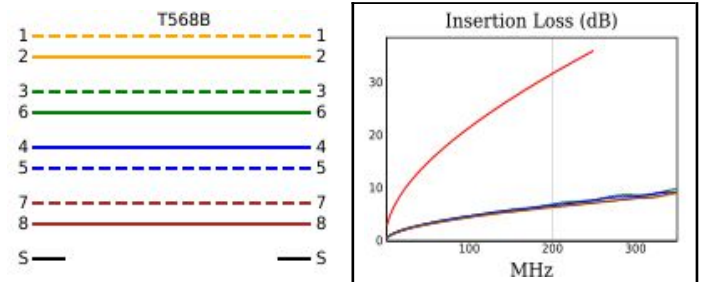
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	3,6	4,5	3,6
RL (dB)	7.1	6.8	7.6	6.9
Freq. (MHz)	204.0	222.5	249.5	250.0
Limit (dB)	8.9	8.5	8.0	8.0

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: 01-10-04

Date / Time: 08/08/2025 01:24:46 PM

Headroom: 5.1 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

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]	77
Prop. Delay (ns), Limit 555	[Pair 4,5]	120
Delay Skew (ns), Limit 50	[Pair 4,5]	6
Resistance (ohms)	[Pair 3,6]	3.6
Insertion Loss Margin (dB)	[Pair 3,6]	28.2
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	3,6-7,8	1,2-3,6
NEXT (dB)	6.7	5.1	8.5	8.0
Freq. (MHz)	105.0	104.0	218.0	220.0
Limit (dB)	39.6	39.6	34.1	34.1
Worst Pair	3,6	3,6	7,8	3,6
PS NEXT (dB)	7.4	5.5	9.5	8.4
Freq. (MHz)	106.0	124.5	219.0	249.0
Limit (dB)	36.6	35.4	31.2	30.2

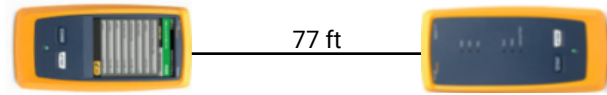
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	1,2-3,6	4,5-3,6
ACR-F (dB)	10.8	10.8	13.2	14.1
Freq. (MHz)	105.0	105.0	228.0	241.5
Limit (dB)	22.8	22.8	16.1	15.6
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	12.7	11.9	13.7	14.0
Freq. (MHz)	120.5	124.5	223.0	247.5
Limit (dB)	18.6	18.4	13.3	12.4

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)	14.3	13.6	35.0	37.3
Freq. (MHz)	5.0	4.0	218.0	249.5
Limit (dB)	57.0	59.0	1.0	-2.8
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	14.5	13.3	36.0	36.6
Freq. (MHz)	4.5	4.3	219.0	249.0
Limit (dB)	55.4	56.0	-2.1	-5.7

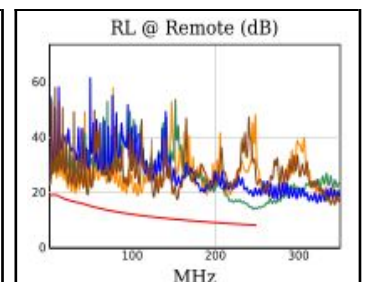
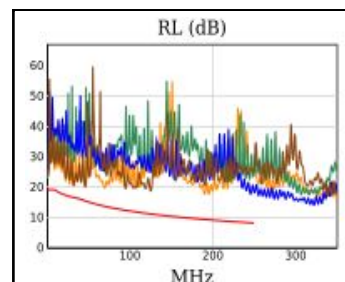
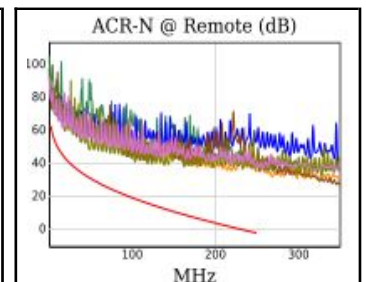
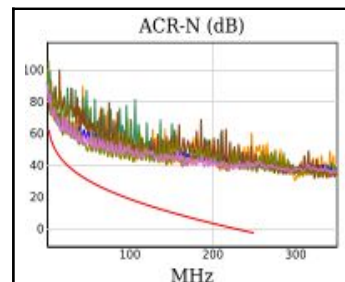
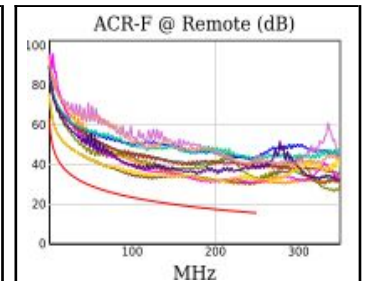
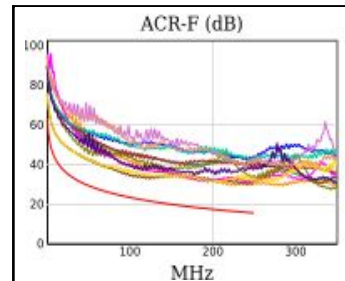
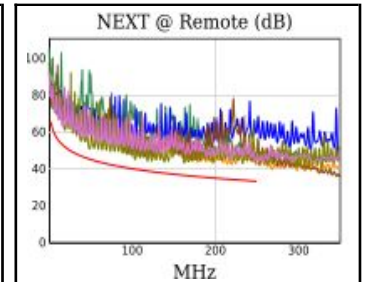
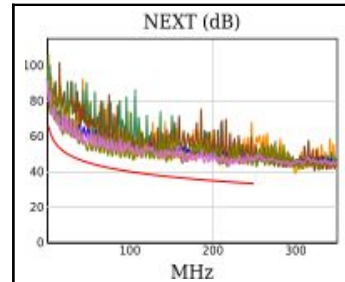
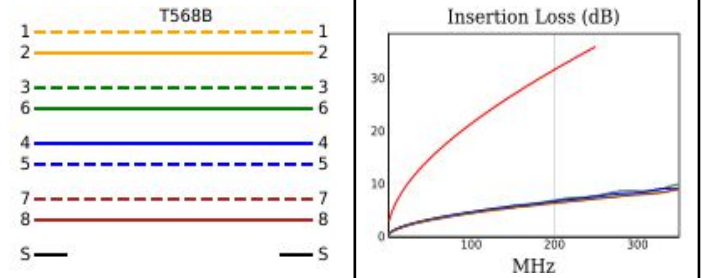
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	4,5	3,6
RL (dB)	4.6	3.7	9.3	5.7
Freq. (MHz)	47.0	47.0	246.0	246.5
Limit (dB)	15.3	15.3	8.1	8.1

Compliant Network Standards:

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



PASS





Cable ID: 01-10-05

Date / Time: 08/08/2025 01:32:52 PM

Headroom: 8.3 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

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

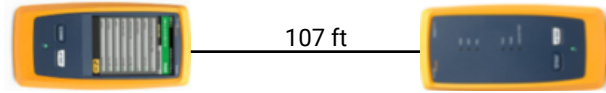
Remote S/N: 1927408

Main Adapter: DSX-CHA804

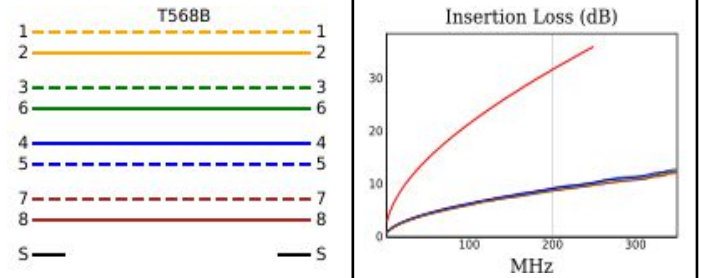
Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 7,8]	107
Prop. Delay (ns), Limit 555	[Pair 4,5]	165
Delay Skew (ns), Limit 50	[Pair 4,5]	8
Resistance (ohms)	[Pair 3,6]	4.9
Insertion Loss Margin (dB)	[Pair 4,5]	25.7
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	1,2-4,5	3,6-4,5	3,6-4,5	3,6-4,5
NEXT (dB)	9.3	8.3	9.9	10.6
Freq. (MHz)	77.0	3.3	249.0	241.5
Limit (dB)	41.8	64.5	33.1	33.4
Worst Pair	3,6	3,6	4,5	4,5
PS NEXT (dB)	10.1	9.3	10.9	10.8
Freq. (MHz)	174.0	6.3	249.0	241.5
Limit (dB)	32.9	57.4	30.2	30.4

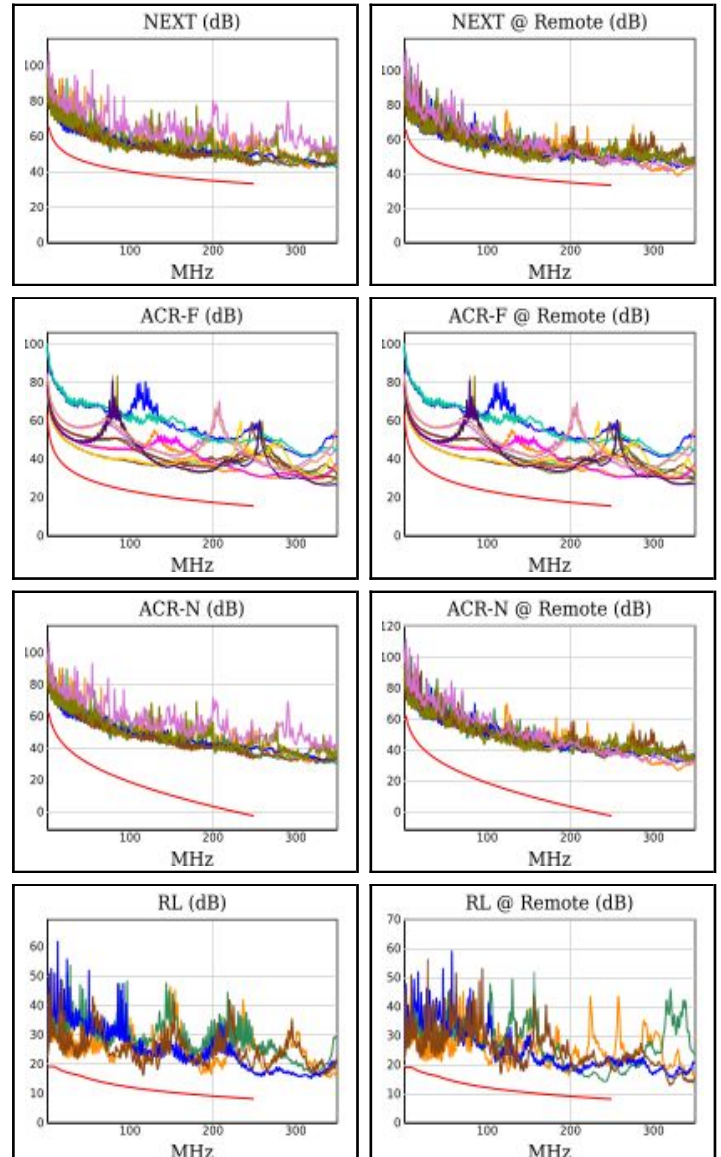
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	1,2-3,6	1,2-3,6
ACR-F (dB)	13.0	13.0	16.0	15.8
Freq. (MHz)	4.3	7.3	250.0	249.0
Limit (dB)	50.7	46.1	15.3	15.3
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	12.7	12.4	16.0	18.4
Freq. (MHz)	7.3	1.0	199.5	249.0
Limit (dB)	43.1	60.3	14.3	12.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	3,6-4,5
ACR-N (dB)	12.5	10.8	35.5	35.8
Freq. (MHz)	3.0	3.0	249.0	241.5
Limit (dB)	61.5	61.5	-2.7	-1.8
Worst Pair	3,6	3,6	4,5	4,5
PS ACR-N (dB)	13.4	12.0	36.6	36.0
Freq. (MHz)	3.0	3.3	249.0	241.5
Limit (dB)	58.5	58.4	-5.7	-4.8

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	7,8	3,6
RL (dB)	4.6	4.1	4.6	6.0
Freq. (MHz)	116.5	26.4	116.5	243.5
Limit (dB)	11.3	16.9	11.3	8.1

Compliant Network Standards:

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





Cable ID: 01-10-06

Date / Time: 08/08/2025 01:43:35 PM

Headroom: 5 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

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

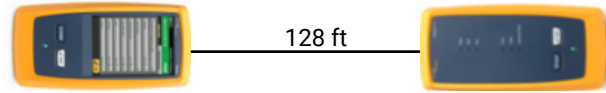
Remote S/N: 1927408

Main Adapter: DSX-CHA804

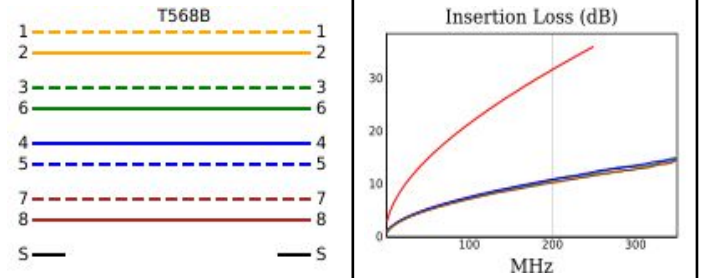
Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 7,8]	128
Prop. Delay (ns), Limit 555	[Pair 4,5]	197
Delay Skew (ns), Limit 50	[Pair 4,5]	9
Resistance (ohms)	[Pair 3,6]	5.8
Insertion Loss Margin (dB)	[Pair 4,5]	23.7
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	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
NEXT (dB)	5.0	7.2	5.8	7.7
Freq. (MHz)	217.5	158.0	240.0	249.5
Limit (dB)	34.2	36.5	33.4	33.1
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	7.2	7.8	7.3	9.1
Freq. (MHz)	218.0	158.0	234.0	249.0
Limit (dB)	31.2	33.6	30.7	30.2

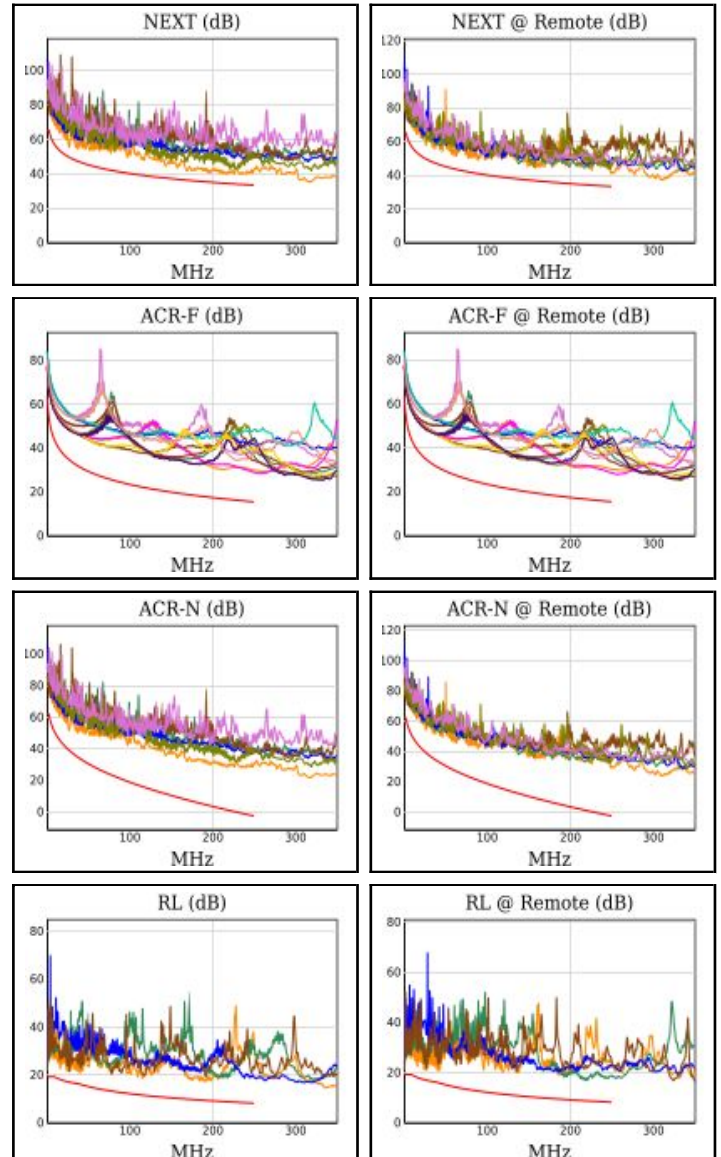
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8-3,6	3,6-7,8	3,6-1,2	1,2-3,6
ACR-F (dB)	12.8	12.8	13.4	13.1
Freq. (MHz)	9.0	9.0	250.0	250.0
Limit (dB)	44.2	44.2	15.3	15.3
Worst Pair	3,6	3,6	1,2	3,6
PS ACR-F (dB)	11.7	11.7	15.3	15.6
Freq. (MHz)	9.0	8.5	250.0	250.0
Limit (dB)	41.2	41.7	12.3	12.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-4,5	1,2-3,6	1,2-3,6
ACR-N (dB)	12.6	12.9	29.2	31.7
Freq. (MHz)	27.4	4.8	240.0	249.5
Limit (dB)	38.8	57.5	-1.7	-2.8
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	14.8	13.1	30.4	33.1
Freq. (MHz)	4.3	4.8	234.0	249.0
Limit (dB)	56.0	54.9	-3.9	-5.7

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	1,2	1,2	3,6
RL (dB)	4.3	4.0	7.9	8.0
Freq. (MHz)	27.5	27.6	192.5	218.5
Limit (dB)	16.8	16.8	9.2	8.6

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: 01-10-07

Date / Time: 10/14/2025 05:46:09 PM

Headroom: 4.3 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

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

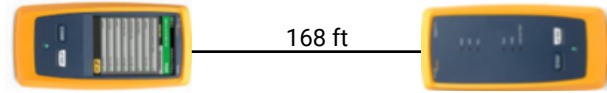
Remote S/N: 1927408

Main Adapter: DSX-CHA804

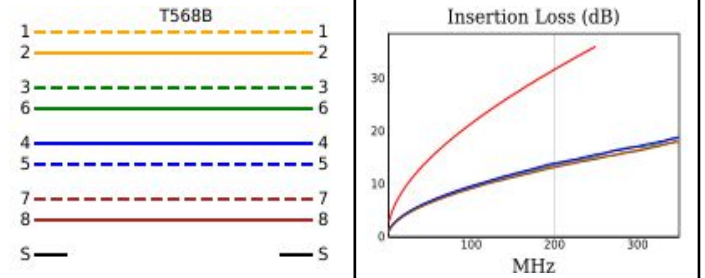
Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 7,8]	168
Prop. Delay (ns), Limit 555	[Pair 4,5]	259
Delay Skew (ns), Limit 50	[Pair 4,5]	12
Resistance (ohms)	[Pair 3,6]	7.9
Insertion Loss Margin (dB)	[Pair 4,5]	20.4
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)	6.4	4.3	6.7	5.8
Freq. (MHz)	89.3	152.0	190.0	237.0
Limit (dB)	40.8	36.8	35.2	33.5
Worst Pair	3,6	1,2	3,6	1,2
PS NEXT (dB)	8.3	5.4	9.0	6.4
Freq. (MHz)	190.0	152.0	212.0	247.0
Limit (dB)	32.2	33.9	31.4	30.2

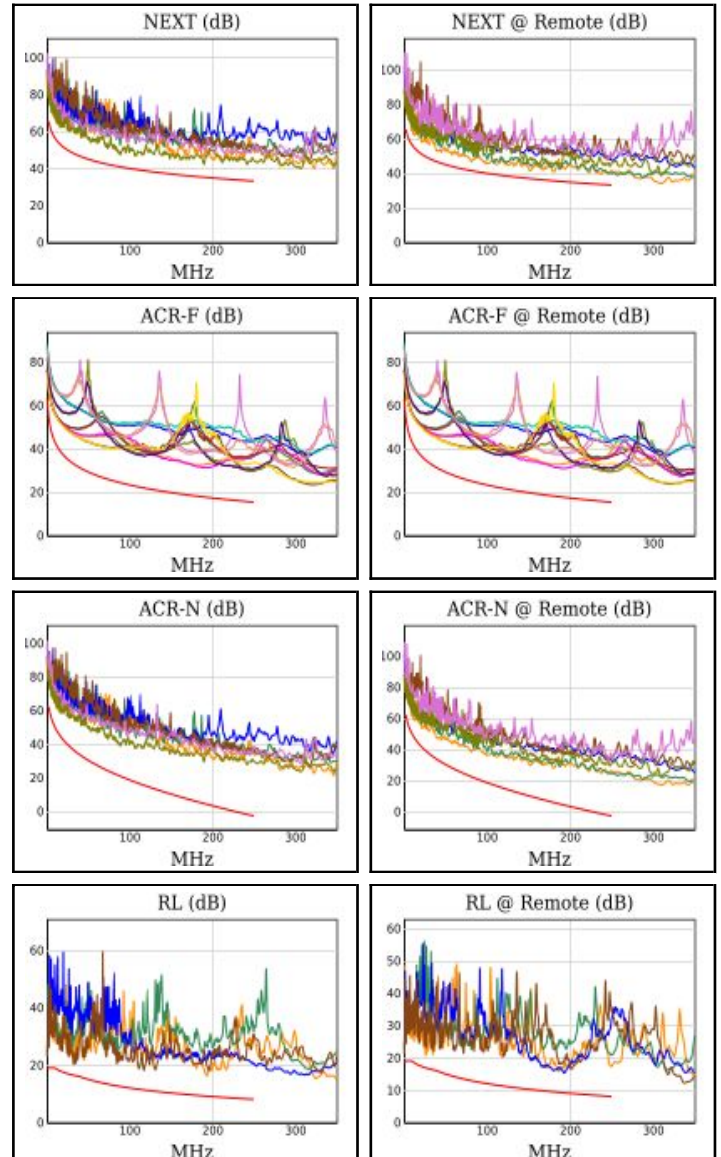
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	7,8-3,6
ACR-F (dB)	12.9	12.8	14.2	14.0
Freq. (MHz)	6.4	8.1	249.0	250.0
Limit (dB)	47.2	45.1	15.3	15.3
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	12.3	12.3	15.0	13.7
Freq. (MHz)	6.0	8.5	239.0	248.5
Limit (dB)	44.7	41.7	12.7	12.4

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	1,2-3,6	3,6-7,8	1,2-4,5
ACR-N (dB)	12.8	10.8	29.7	27.3
Freq. (MHz)	6.0	11.8	242.5	250.0
Limit (dB)	55.3	48.6	-2.0	-2.8
Worst Pair	3,6	3,6	3,6	1,2
PS ACR-N (dB)	13.0	11.3	29.8	27.2
Freq. (MHz)	3.8	3.8	232.0	247.0
Limit (dB)	57.1	57.1	-3.7	-5.4

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	1,2	4,5
RL (dB)	3.7	3.6	6.8	6.1
Freq. (MHz)	33.0	26.9	193.5	193.0
Limit (dB)	16.4	16.9	9.1	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: 01-10-08

Test Summary: PASS

Date / Time: 10/14/2025 05:49:01 PM

Headroom: 4.7 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

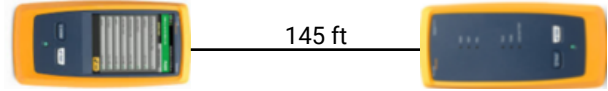
Main S/N: 1927404

Remote S/N: 1927408

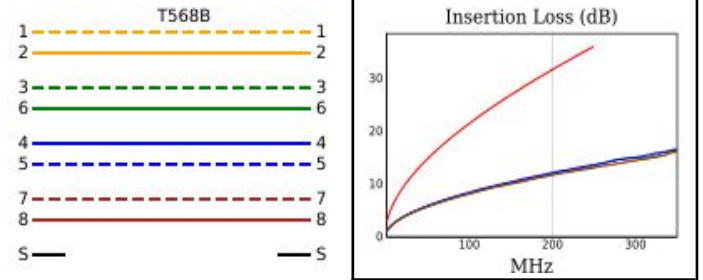
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 7,8]	145
Prop. Delay (ns), Limit 555	[Pair 4,5]	225
Delay Skew (ns), Limit 50	[Pair 4,5]	11
Resistance (ohms)	[Pair 7,8]	9.6
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	1,2-3,6	3,6-7,8	1,2-3,6
NEXT (dB)	4.9	4.7	6.1	6.6
Freq. (MHz)	207.0	81.0	242.5	235.5
Limit (dB)	34.5	41.5	33.3	33.6
Worst Pair	3,6	1,2	3,6	1,2
PS NEXT (dB)	6.3	6.5	8.1	7.9
Freq. (MHz)	88.5	81.0	242.5	245.5
Limit (dB)	38.0	38.7	30.4	30.3

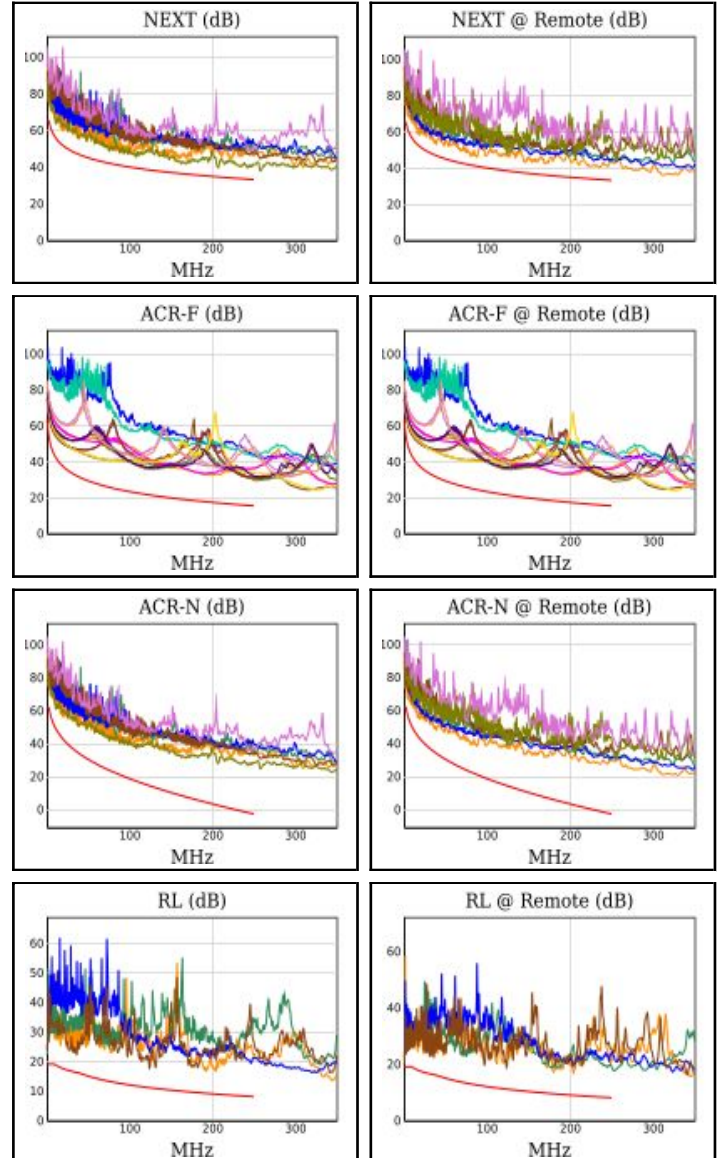
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	4,5-1,2	3,6-7,8	7,8-3,6
ACR-F (dB)	11.4	11.5	14.5	14.2
Freq. (MHz)	2.0	2.1	250.0	250.0
Limit (dB)	57.2	56.7	15.3	15.3
Worst Pair	4,5	4,5	4,5	3,6
PS ACR-F (dB)	11.8	11.7	15.3	14.4
Freq. (MHz)	1.4	1.0	247.5	250.0
Limit (dB)	57.5	60.3	12.4	12.3

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)	11.6	9.8	28.6	28.4
Freq. (MHz)	4.9	5.0	242.5	235.5
Limit (dB)	57.2	57.0	-2.0	-1.1
Worst Pair	3,6	3,6	3,6	1,2
PS ACR-N (dB)	11.9	11.3	30.8	30.6
Freq. (MHz)	4.6	4.6	247.5	245.5
Limit (dB)	55.2	55.2	-5.5	-5.3

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	1,2	1,2
RL (dB)	5.9	5.8	7.5	7.7
Freq. (MHz)	36.5	36.5	204.0	204.5
Limit (dB)	16.2	16.2	8.9	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: 01-10-09

Date / Time: 10/14/2025 05:48:06 PM

Headroom: 4.2 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

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]	225
Delay Skew (ns), Limit 50	[Pair 4,5]	11
Resistance (ohms)	[Pair 3,6]	6.9
Insertion Loss Margin (dB)	[Pair 4,5]	22.4
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	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
NEXT (dB)	7.3	4.2	9.0	4.3
Freq. (MHz)	130.0	210.5	221.0	221.0
Limit (dB)	38.0	34.4	34.0	34.0
Worst Pair	1,2	1,2	3,6	1,2
PS NEXT (dB)	9.4	6.1	10.3	6.7
Freq. (MHz)	130.0	210.5	221.0	242.0
Limit (dB)	35.1	31.5	31.1	30.4

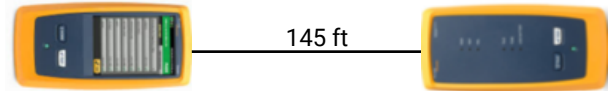
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-7,8	7,8-3,6
ACR-F (dB)	12.5	12.4	14.3	13.9
Freq. (MHz)	9.9	5.1	250.0	250.0
Limit (dB)	43.4	49.1	15.3	15.3
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	11.7	11.6	15.3	13.9
Freq. (MHz)	7.3	1.0	250.0	250.0
Limit (dB)	43.1	60.3	12.3	12.3

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)	12.5	10.4	29.8	25.1
Freq. (MHz)	7.0	12.3	221.0	221.0
Limit (dB)	53.8	48.1	0.6	0.6
Worst Pair	1,2	1,2	3,6	1,2
PS ACR-N (dB)	13.0	11.6	31.1	29.9
Freq. (MHz)	7.0	7.1	221.0	249.5
Limit (dB)	51.3	51.1	-2.3	-5.7

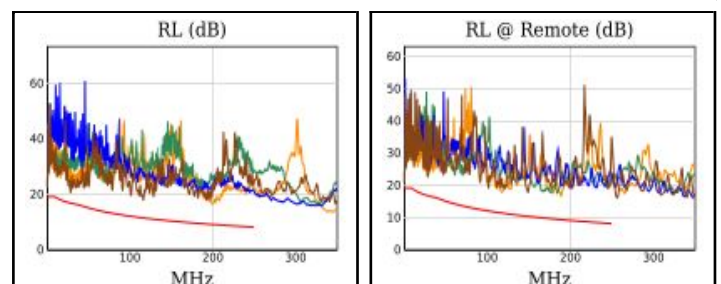
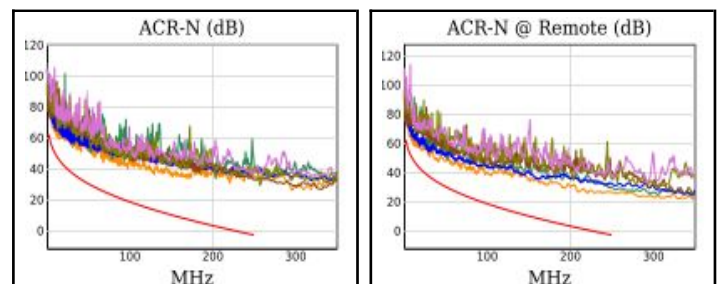
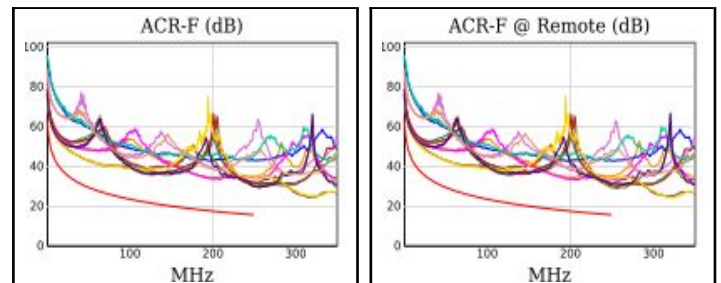
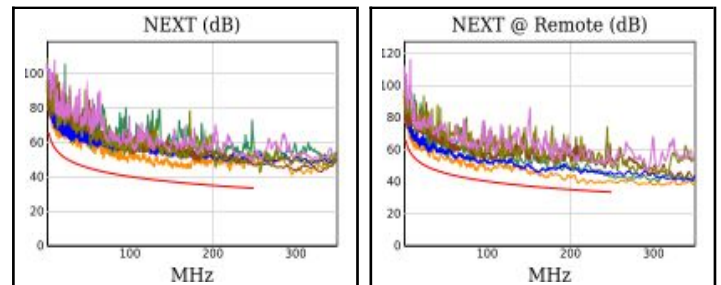
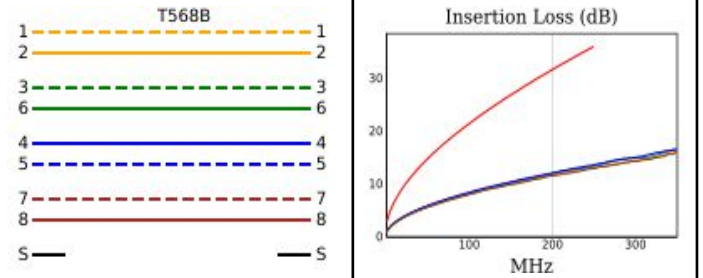
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	1,2	1,2
RL (dB)	3.8	5.8	7.3	7.2
Freq. (MHz)	29.3	29.4	199.5	189.5
Limit (dB)	16.7	16.7	9.0	9.2

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: 01-10-10

Date / Time: 10/14/2025 05:43:39 PM

Headroom: 4.4 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

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]	168
Prop. Delay (ns), Limit 555	[Pair 4,5]	259
Delay Skew (ns), Limit 50	[Pair 4,5]	12
Resistance (ohms)	[Pair 3,6]	7.6
Insertion Loss Margin (dB)	[Pair 4,5]	20.3
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	3,6-7,8	3,6-7,8	3,6-7,8
NEXT (dB)	6.7	4.4	7.9	4.4
Freq. (MHz)	168.0	204.0	242.5	204.0
Limit (dB)	36.1	34.6	33.3	34.6
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	7.4	6.4	9.6	7.0
Freq. (MHz)	165.5	204.0	242.5	250.0
Limit (dB)	33.3	31.7	30.4	30.2

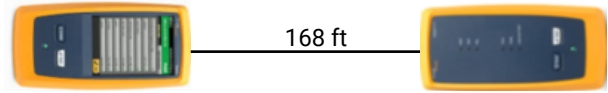
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	3,6-4,5	3,6-4,5	3,6-4,5
ACR-F (dB)	11.2	11.2	13.2	13.3
Freq. (MHz)	2.5	13.5	247.5	247.5
Limit (dB)	55.3	40.7	15.4	15.4
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	12.4	12.3	14.2	14.4
Freq. (MHz)	9.1	2.6	245.0	249.5
Limit (dB)	41.1	51.9	12.5	12.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	3,6-7,8	3,6-7,8
ACR-N (dB)	10.6	10.3	28.6	27.6
Freq. (MHz)	4.3	4.3	242.5	247.0
Limit (dB)	58.5	58.5	-2.0	-2.5
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	11.4	10.5	30.3	27.8
Freq. (MHz)	4.0	4.1	245.0	250.0
Limit (dB)	56.5	56.2	-5.2	-5.8

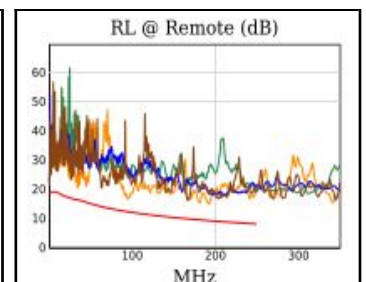
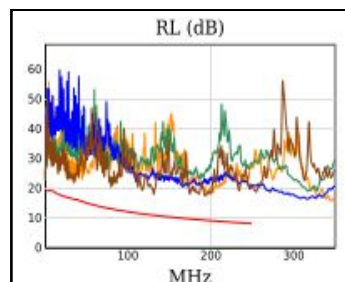
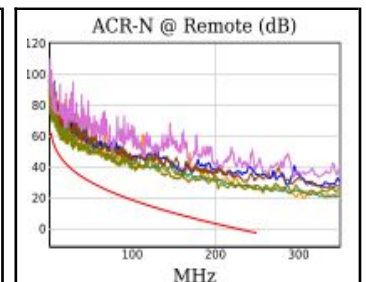
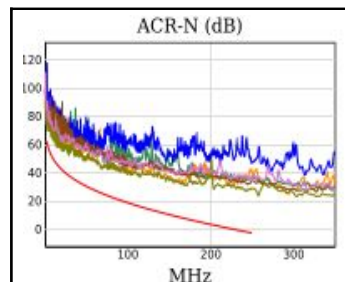
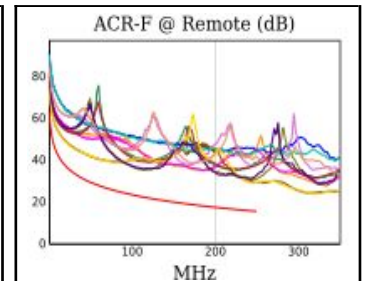
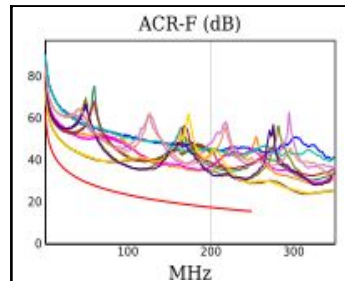
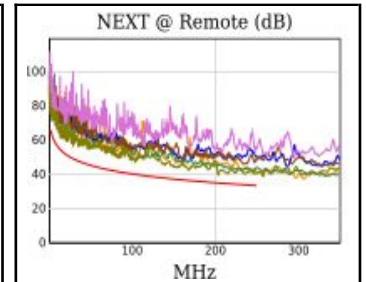
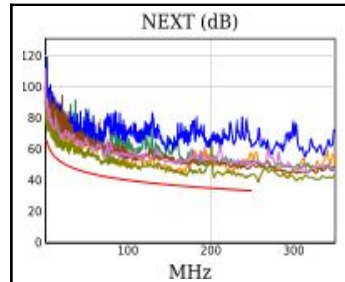
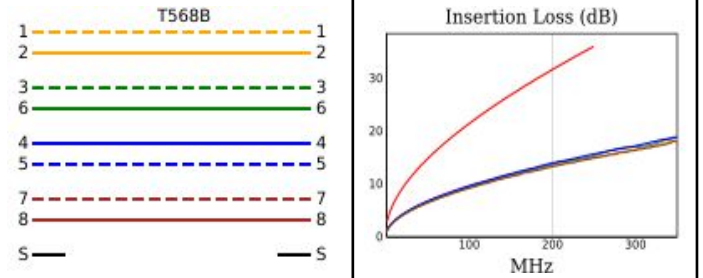
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	1,2	7,8	1,2
RL (dB)	5.2	3.8	8.2	5.7
Freq. (MHz)	35.0	35.0	193.5	193.0
Limit (dB)	16.3	16.3	9.1	9.1

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: 01-10-11

Test Summary: PASS

Date / Time: 10/14/2025 05:46:49 PM

Headroom: 3.8 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

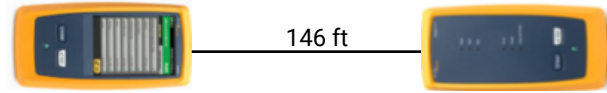
Main S/N: 1927404

Remote S/N: 1927408

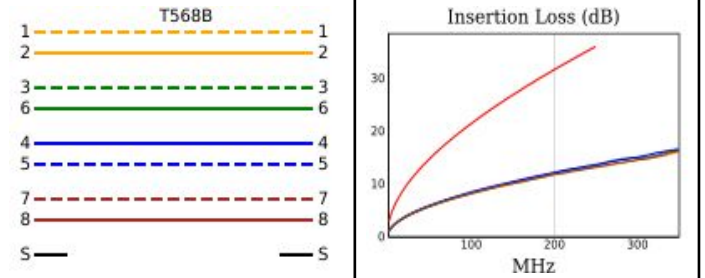
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 7,8]	146
Prop. Delay (ns), Limit 555	[Pair 4,5]	226
Delay Skew (ns), Limit 50	[Pair 4,5]	11
Resistance (ohms)	[Pair 7,8]	9.9
Insertion Loss Margin (dB)	[Pair 4,5]	22.3
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	3,6-7,8	1,2-3,6	3,6-7,8	1,2-3,6
NEXT (dB)	4.3	3.8	6.9	3.8
Freq. (MHz)	100.5	230.0	244.0	230.0
Limit (dB)	39.9	33.7	33.3	33.7
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	5.5	4.6	8.0	4.6
Freq. (MHz)	161.5	230.0	227.0	230.0
Limit (dB)	33.5	30.8	30.9	30.8

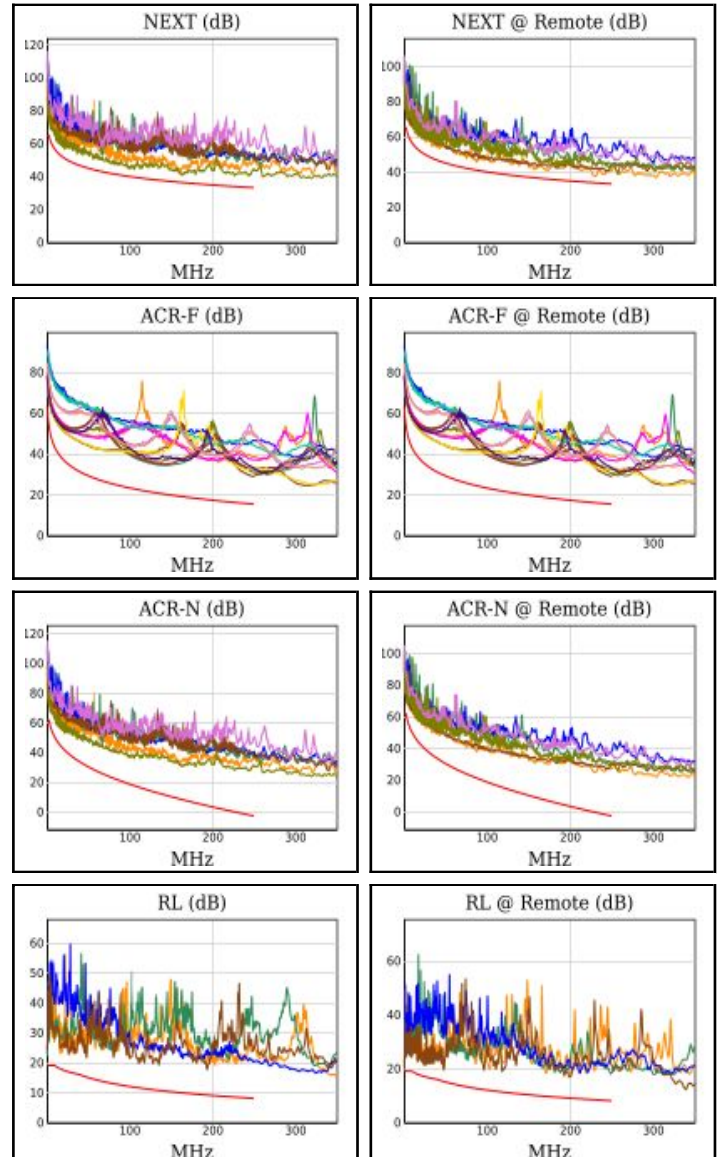
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	7,8-3,6	3,6-4,5	4,5-3,6
ACR-F (dB)	13.3	13.4	13.5	13.6
Freq. (MHz)	7.3	7.3	248.5	248.5
Limit (dB)	46.1	46.1	15.4	15.4
Worst Pair	3,6	3,6	4,5	3,6
PS ACR-F (dB)	13.0	12.6	14.8	13.9
Freq. (MHz)	7.3	7.3	248.5	248.5
Limit (dB)	43.1	43.1	12.4	12.4

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)	9.8	9.7	29.4	25.2
Freq. (MHz)	5.1	4.3	244.0	230.0
Limit (dB)	56.8	58.5	-2.1	-0.5
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	9.5	8.7	29.2	26.0
Freq. (MHz)	4.8	4.6	227.0	230.0
Limit (dB)	54.9	55.2	-3.1	-3.4

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	7,8	7,8	7,8
RL (dB)	5.1	4.2	8.4	7.8
Freq. (MHz)	16.6	48.3	193.5	199.0
Limit (dB)	17.9	15.2	9.1	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: 01-10-12

Date / Time: 10/14/2025 05:45:50 PM

Headroom: 4.3 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

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

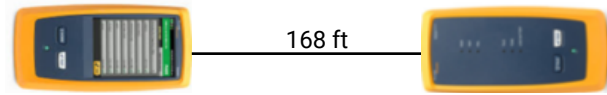
Remote S/N: 1927408

Main Adapter: DSX-CHA804

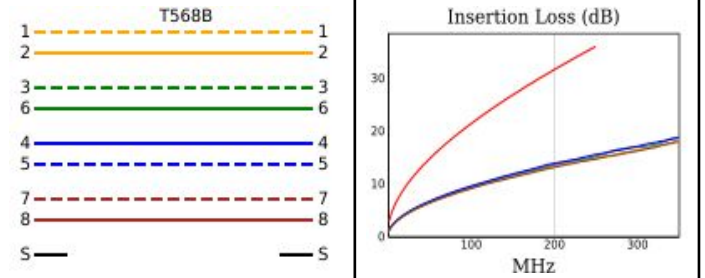
Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 7,8]	168
Prop. Delay (ns), Limit 555	[Pair 4,5]	259
Delay Skew (ns), Limit 50	[Pair 4,5]	12
Resistance (ohms)	[Pair 3,6]	7.9
Insertion Loss Margin (dB)	[Pair 4,5]	20.4
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)	6.3	4.3	6.7	5.7
Freq. (MHz)	89.3	152.0	190.0	237.0
Limit (dB)	40.8	36.8	35.2	33.5
Worst Pair	3,6	1,2	3,6	1,2
PS NEXT (dB)	8.3	5.4	9.0	6.5
Freq. (MHz)	190.0	152.0	212.0	247.0
Limit (dB)	32.2	33.9	31.4	30.2

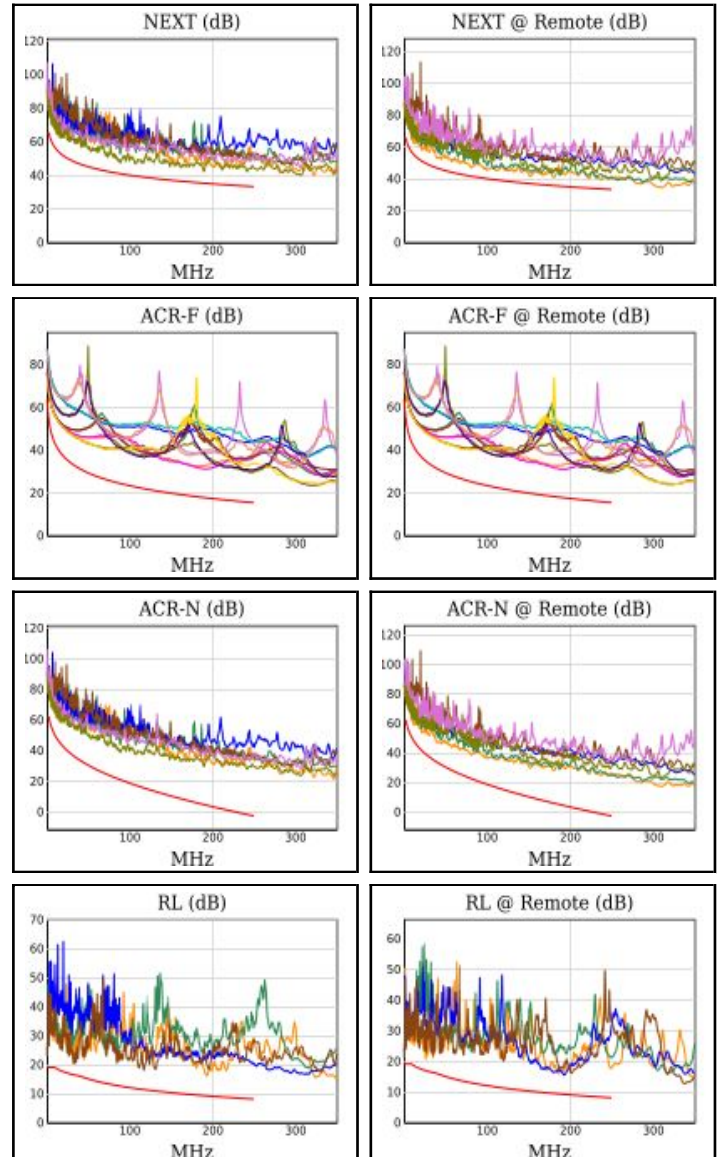
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-4,5	3,6-4,5	7,8-3,6
ACR-F (dB)	12.9	12.8	14.2	14.0
Freq. (MHz)	2.8	6.4	249.0	250.0
Limit (dB)	54.5	47.2	15.3	15.3
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	12.3	12.3	15.3	13.7
Freq. (MHz)	2.8	8.4	243.5	248.5
Limit (dB)	51.5	41.8	12.5	12.4

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)	12.7	10.8	29.7	25.8
Freq. (MHz)	6.0	11.9	242.5	237.0
Limit (dB)	55.3	48.4	-2.0	-1.3
Worst Pair	3,6	3,6	3,6	1,2
PS ACR-N (dB)	13.1	11.4	29.8	27.3
Freq. (MHz)	3.8	3.8	232.0	247.0
Limit (dB)	57.1	57.1	-3.7	-5.4

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	1,2	4,5
RL (dB)	3.7	3.8	6.7	6.3
Freq. (MHz)	33.0	26.9	193.5	193.0
Limit (dB)	16.4	16.9	9.1	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: 01-10-18

Date / Time: 10/14/2025 05:38:27 PM

Headroom: 2.5 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

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]	150
Prop. Delay (ns), Limit 555	[Pair 4,5]	227
Delay Skew (ns), Limit 50	[Pair 4,5]	6
Resistance (ohms)	[Pair 7,8]	7.7
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	3,6-7,8	3,6-4,5	3,6-7,8	3,6-4,5
NEXT (dB)	6.3	2.5	7.9	4.2
Freq. (MHz)	48.3	48.5	239.0	218.5
Limit (dB)	45.3	45.2	33.5	34.1
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	6.3	2.3	9.2	3.7
Freq. (MHz)	15.9	49.0	239.5	205.0
Limit (dB)	50.7	42.4	30.5	31.7

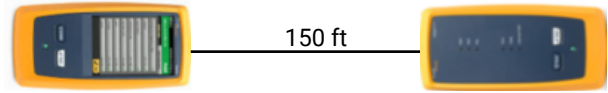
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	7,8-3,6	3,6-1,2	1,2-3,6
ACR-F (dB)	12.9	12.9	15.4	14.8
Freq. (MHz)	2.5	2.5	250.0	250.0
Limit (dB)	55.3	55.3	15.3	15.3
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	13.5	13.3	15.1	15.1
Freq. (MHz)	14.3	1.0	240.0	250.0
Limit (dB)	37.2	60.3	12.7	12.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-7,8	3,6-4,5
ACR-N (dB)	8.5	7.4	29.9	27.7
Freq. (MHz)	2.6	2.6	239.0	250.0
Limit (dB)	61.7	61.7	-1.5	-2.8
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	10.5	7.5	30.8	28.6
Freq. (MHz)	2.6	16.0	239.5	250.0
Limit (dB)	58.7	42.6	-4.6	-5.8

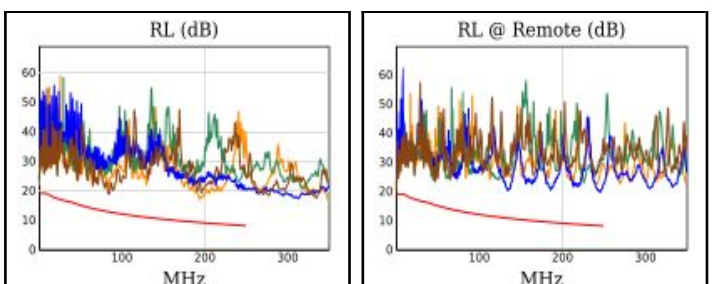
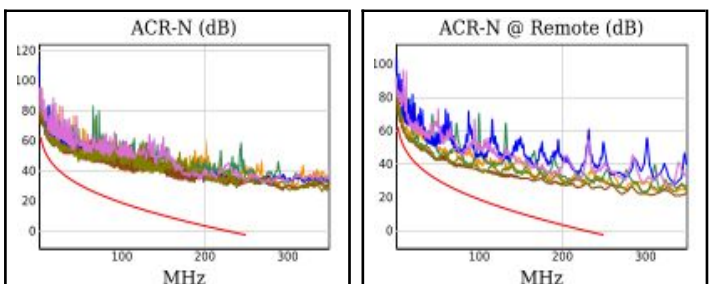
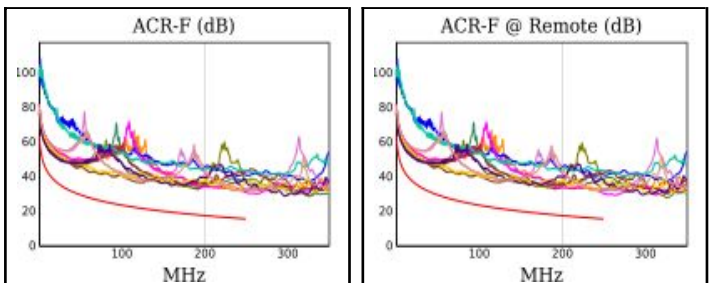
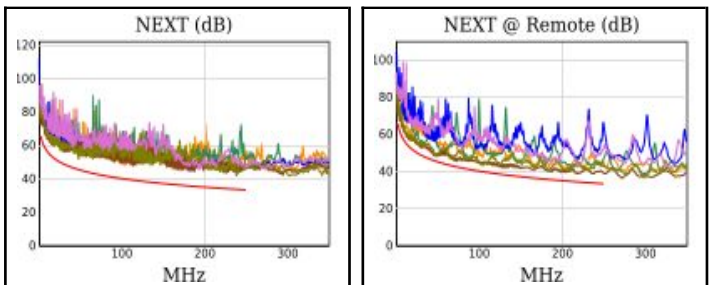
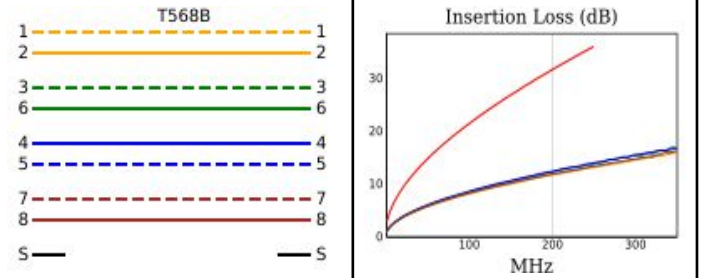
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	1,2	4,5
RL (dB)	6.0	7.9	7.8	11.4
Freq. (MHz)	84.8	47.5	194.5	246.0
Limit (dB)	12.7	15.2	9.1	8.1

Compliant Network Standards:

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



PASS





Cable ID: 02-02-12W

Date / Time: 08/08/2025 03:09:46 PM

Headroom: 5.6 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

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]	213
Prop. Delay (ns), Limit 555	[Pair 4,5]	326
Delay Skew (ns), Limit 50	[Pair 4,5]	12
Resistance (ohms)	[Pair 3,6]	10.4
Insertion Loss Margin (dB)	[Pair 3,6]	14.6
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
NEXT (dB)	6.7	5.6	10.4	6.9
Freq. (MHz)	30.5	108.5	248.0	235.5
Limit (dB)	48.6	39.3	33.2	33.6
Worst Pair	3,6	3,6	3,6	1,2
PS NEXT (dB)	8.7	7.1	9.1	7.6
Freq. (MHz)	30.5	108.0	248.5	241.5
Limit (dB)	45.9	36.5	30.2	30.4

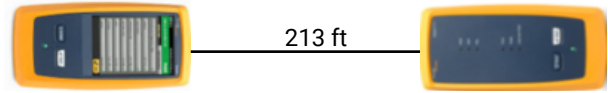
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-1,2	1,2-3,6	1,2-3,6
ACR-F (dB)	8.9	9.6	9.4	10.4
Freq. (MHz)	171.5	171.5	187.0	197.0
Limit (dB)	18.6	18.6	17.8	17.4
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	10.4	10.2	12.6	13.1
Freq. (MHz)	18.6	1.0	250.0	250.0
Limit (dB)	34.9	60.3	12.3	12.3

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)	11.1	12.0	25.0	21.0
Freq. (MHz)	30.5	17.8	248.0	236.0
Limit (dB)	37.4	44.0	-2.6	-1.2
Worst Pair	3,6	4,5	3,6	4,5
PS ACR-N (dB)	12.8	13.0	23.7	22.4
Freq. (MHz)	5.8	4.5	248.5	242.0
Limit (dB)	53.2	55.4	-5.6	-4.9

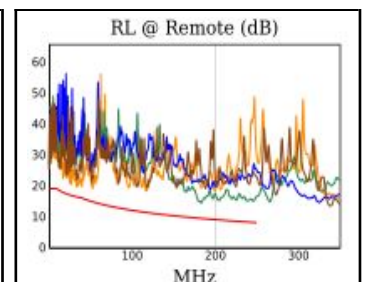
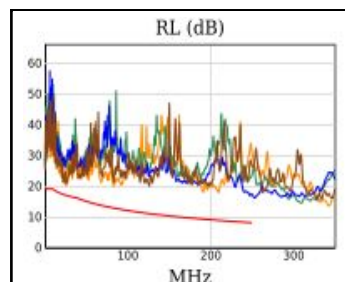
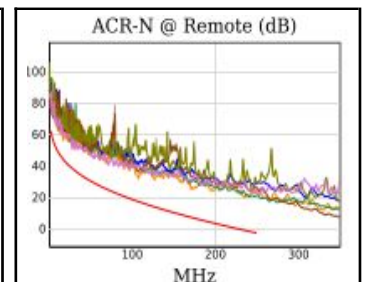
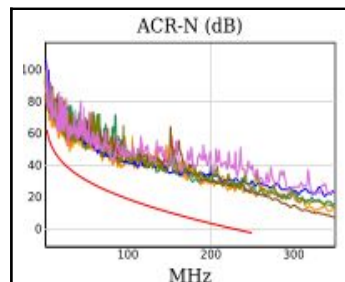
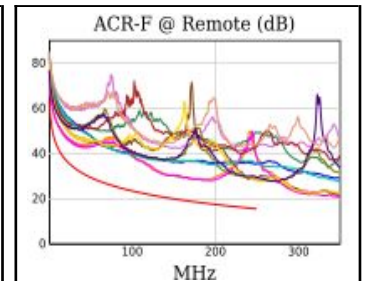
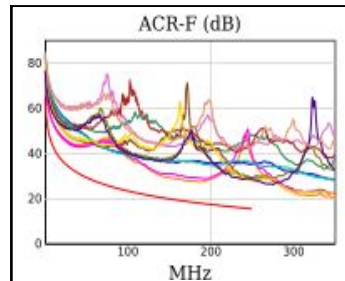
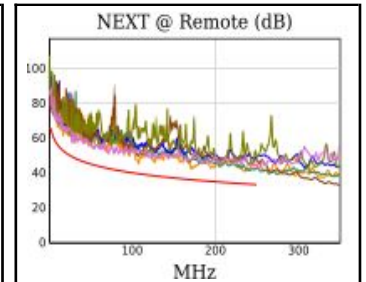
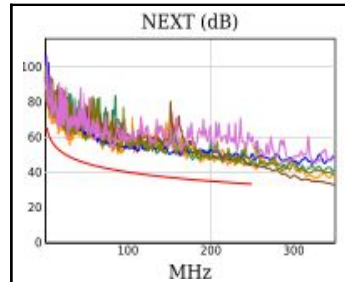
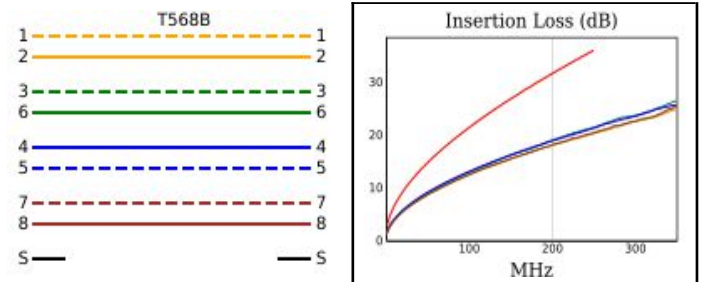
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	1,2	4,5	3,6
RL (dB)	3.2	2.8	8.7	4.9
Freq. (MHz)	25.8	34.0	248.0	183.5
Limit (dB)	16.9	16.3	8.1	9.4

Compliant Network Standards:

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



PASS





Cable ID: 02-08-01

Test Summary: PASS

Date / Time: 08/08/2025 03:03:43 PM

Headroom: 7.1 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

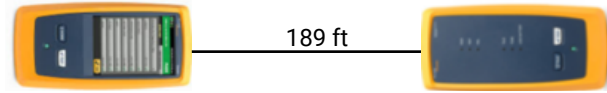
Main S/N: 1927404

Remote S/N: 1927408

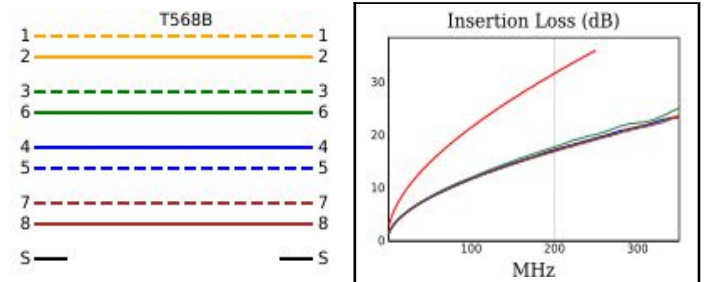
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 1,2]	189
Prop. Delay (ns), Limit 555	[Pair 7,8]	296
Delay Skew (ns), Limit 50	[Pair 7,8]	17
Resistance (ohms)	[Pair 4,5]	9.3
Insertion Loss Margin (dB)	[Pair 3,6]	15.9
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	3,6-4,5	3,6-7,8	3,6-4,5	1,2-3,6
NEXT (dB)	9.4	7.1	9.8	7.9
Freq. (MHz)	184.5	120.5	249.0	242.0
Limit (dB)	35.4	38.5	33.1	33.4
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	9.2	7.3	9.2	8.4
Freq. (MHz)	247.5	183.5	247.5	238.0
Limit (dB)	30.2	32.5	30.2	30.5

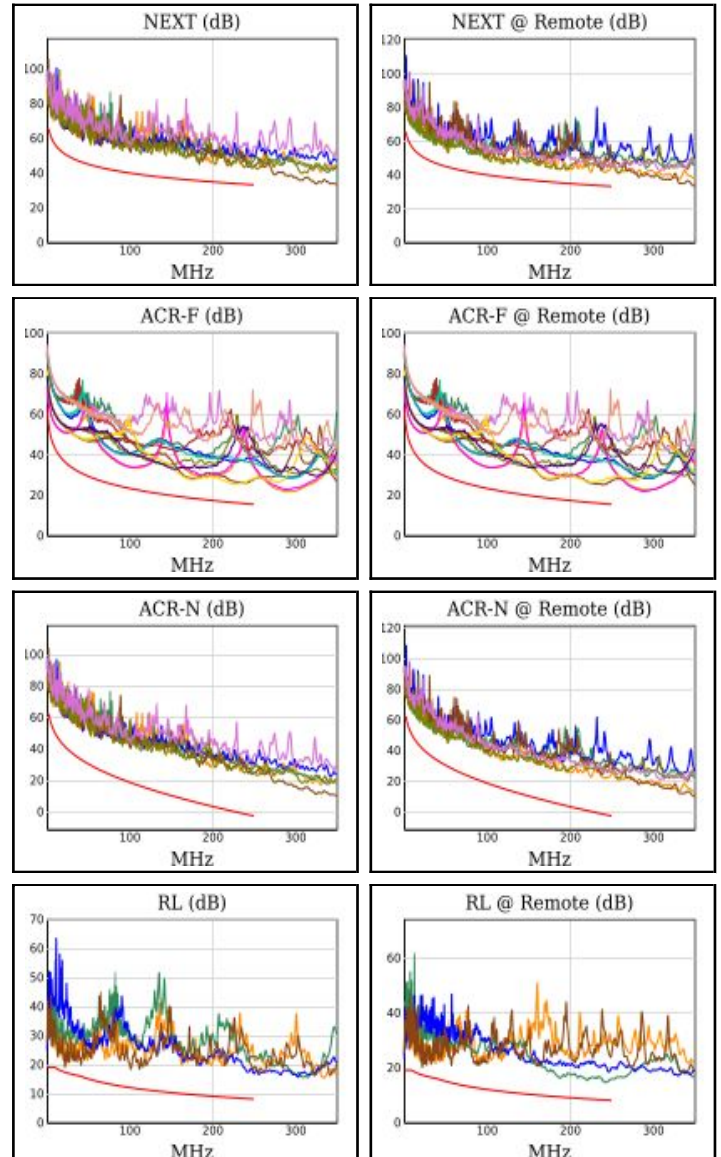
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	4,5-3,6	4,5-3,6	4,5-3,6
ACR-F (dB)	9.1	9.2	9.4	9.5
Freq. (MHz)	174.0	175.5	229.5	241.0
Limit (dB)	18.4	18.4	16.0	15.6
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	9.7	10.2	11.5	12.5
Freq. (MHz)	177.5	184.0	224.0	244.5
Limit (dB)	15.3	15.0	13.3	12.5

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-7,8	3,6-4,5	1,2-3,6
ACR-N (dB)	14.6	13.3	26.4	23.4
Freq. (MHz)	8.5	3.0	249.0	242.0
Limit (dB)	51.9	61.5	-2.7	-1.9
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	14.3	13.4	25.0	23.7
Freq. (MHz)	6.5	6.1	247.5	238.0
Limit (dB)	52.0	52.6	-5.5	-4.4

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	4,5	3,6
RL (dB)	1.7	2.7	8.8	6.4
Freq. (MHz)	22.4	22.5	250.0	243.5
Limit (dB)	17.3	17.2	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: 02-08-02

Date / Time: 08/08/2025 03:50:39 PM

Headroom: 1.6 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

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 1,2]	180
Prop. Delay (ns), Limit 555	[Pair 7,8]	281
Delay Skew (ns), Limit 50	[Pair 7,8]	16
Resistance (ohms)	[Pair 4,5]	8.8
Insertion Loss Margin (dB)	[Pair 3,6]	16.8
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	1,2-3,6	3,6-4,5	1,2-3,6	3,6-4,5
NEXT (dB)	1.6	8.9	1.6	9.0
Freq. (MHz)	197.5	215.0	197.5	245.0
Limit (dB)	34.9	34.2	34.9	33.3
Worst Pair	3,6	4,5	3,6	4,5
PS NEXT (dB)	3.6	9.4	3.6	9.4
Freq. (MHz)	197.0	245.0	197.0	245.0
Limit (dB)	32.0	30.3	32.0	30.3

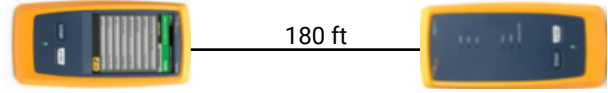
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	4,5-3,6	4,5-3,6	4,5-3,6
ACR-F (dB)	8.1	8.3	8.4	8.5
Freq. (MHz)	238.5	242.5	246.0	247.5
Limit (dB)	15.7	15.6	15.4	15.4
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	10.0	9.4	10.3	10.9
Freq. (MHz)	191.5	188.5	238.5	242.5
Limit (dB)	14.6	14.8	12.7	12.6

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	3,6-4,5
ACR-N (dB)	11.1	10.9	21.3	26.5
Freq. (MHz)	2.9	3.0	250.0	245.0
Limit (dB)	61.6	61.5	-2.8	-2.3
Worst Pair	7,8	3,6	3,6	4,5
PS ACR-N (dB)	12.1	11.9	22.9	27.3
Freq. (MHz)	9.6	3.3	250.0	250.0
Limit (dB)	48.1	58.4	-5.8	-5.8

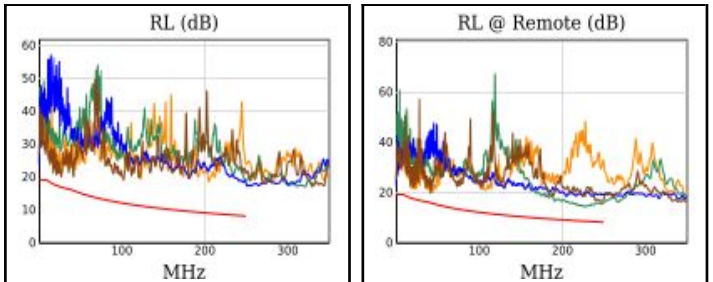
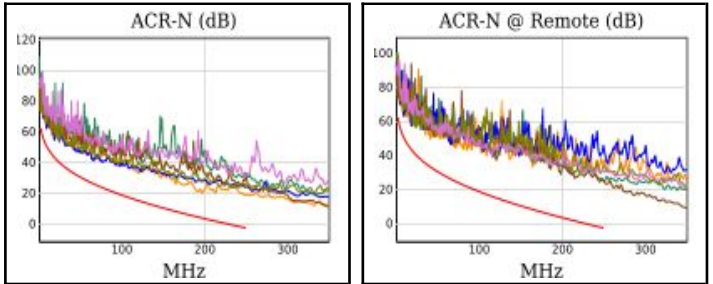
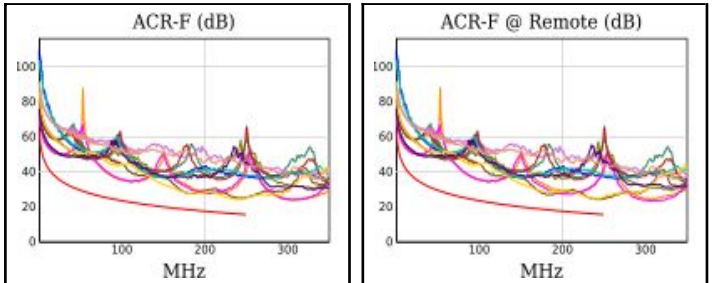
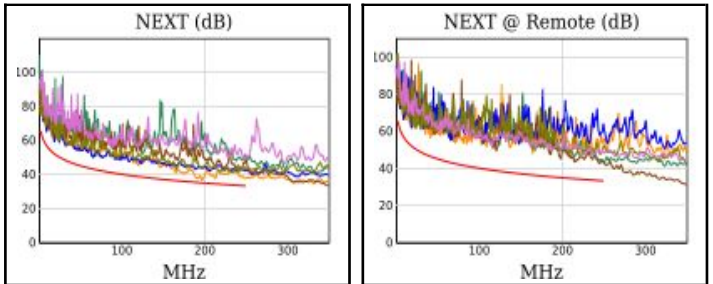
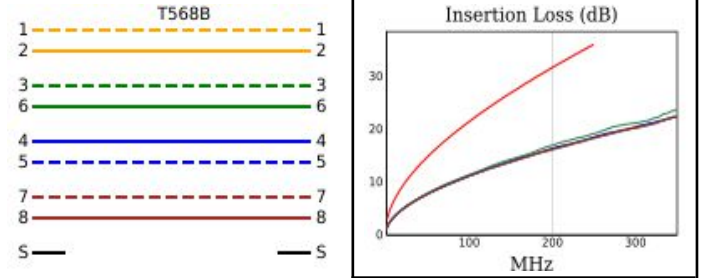
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	4,5	3,6
RL (dB)	3.1	3.7	10.1	5.8
Freq. (MHz)	27.5	19.3	247.5	228.5
Limit (dB)	16.8	17.6	8.1	8.4

Compliant Network Standards:

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



PASS





Cable ID: 02-08-03

Test Summary: PASS

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

Headroom: 4 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

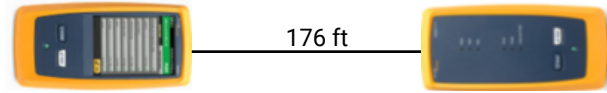
Main S/N: 1927404

Remote S/N: 1927408

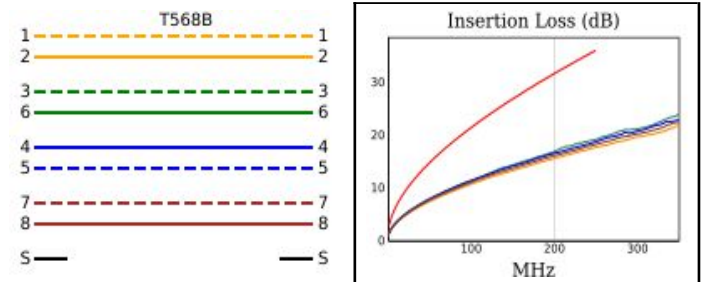
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 1,2]	176
Prop. Delay (ns), Limit 555	[Pair 3,6]	274
Delay Skew (ns), Limit 50	[Pair 3,6]	15
Resistance (ohms)	[Pair 3,6]	8.8
Insertion Loss Margin (dB)	[Pair 3,6]	16.9
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	1,2-3,6	1,2-3,6	3,6-4,5	1,2-3,6
NEXT (dB)	4.6	4.0	5.4	4.2
Freq. (MHz)	178.0	204.5	239.5	236.0
Limit (dB)	35.7	34.6	33.4	33.5
Worst Pair	3,6	1,2	3,6	1,2
PS NEXT (dB)	5.1	4.9	6.1	5.6
Freq. (MHz)	178.5	198.0	240.0	243.5
Limit (dB)	32.7	31.9	30.5	30.4

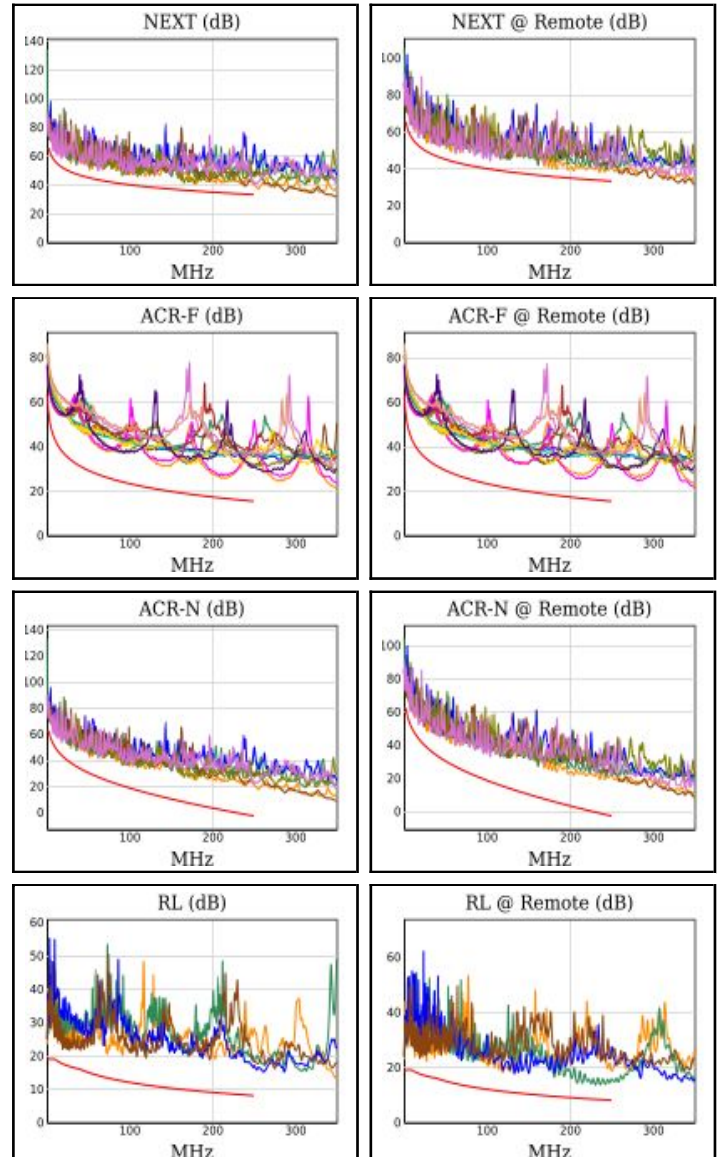
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-F (dB)	9.0	8.5	9.1	8.7
Freq. (MHz)	211.0	209.0	215.0	213.0
Limit (dB)	16.8	16.9	16.6	16.7
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	11.6	11.2	11.7	11.4
Freq. (MHz)	211.0	209.0	215.0	213.0
Limit (dB)	13.8	13.9	13.6	13.7

N/A	MAIN	SR	MAIN	SR
Worst Pair	4,5-7,8	3,6-4,5	3,6-4,5	1,2-3,6
ACR-N (dB)	8.1	8.1	22.2	20.3
Freq. (MHz)	8.4	3.3	239.5	236.0
Limit (dB)	52.0	60.9	-1.6	-1.2
Worst Pair	4,5	4,5	3,6	3,6
PS ACR-N (dB)	9.4	9.2	22.5	22.6
Freq. (MHz)	8.5	8.6	240.0	241.5
Limit (dB)	49.3	49.2	-4.6	-4.8

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	3,6	4,5	3,6
RL (dB)	4.4	5.1	8.4	5.1
Freq. (MHz)	19.6	231.0	249.0	231.0
Limit (dB)	17.5	8.4	8.0	8.4

Compliant Network Standards:

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





Cable ID: 02-08-04

Test Summary: PASS

Date / Time: 08/08/2025 03:53:39 PM

Headroom: 5.5 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

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 1,2]	196
Prop. Delay (ns), Limit 555	[Pair 4,5]	306
Delay Skew (ns), Limit 50	[Pair 4,5]	17
Resistance (ohms)	[Pair 7,8]	9.8
Insertion Loss Margin (dB)	[Pair 3,6]	15.3
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	3,6-4,5
NEXT (dB)	5.5	6.6	5.9	6.6
Freq. (MHz)	173.0	247.5	224.0	247.5
Limit (dB)	35.9	33.2	33.9	33.2
Worst Pair	3,6	4,5	3,6	4,5
PS NEXT (dB)	6.8	8.7	7.3	8.7
Freq. (MHz)	224.0	247.5	245.5	247.5
Limit (dB)	31.0	30.2	30.3	30.2

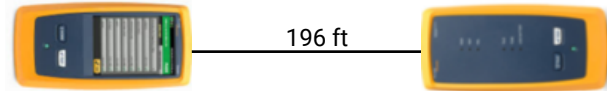
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	4,5-3,6	4,5-3,6	3,6-4,5
ACR-F (dB)	9.3	10.0	9.4	10.3
Freq. (MHz)	217.0	34.3	220.5	220.5
Limit (dB)	16.5	32.6	16.4	16.4
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	11.5	11.7	11.6	13.2
Freq. (MHz)	216.0	1.0	217.0	250.0
Limit (dB)	13.6	60.3	13.5	12.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	3,6-4,5
ACR-N (dB)	9.6	12.8	23.6	22.5
Freq. (MHz)	7.4	7.6	250.0	247.5
Limit (dB)	53.3	53.0	-2.8	-2.5
Worst Pair	3,6	4,5	3,6	3,6
PS ACR-N (dB)	11.2	12.7	22.5	24.2
Freq. (MHz)	12.3	9.4	245.5	247.5
Limit (dB)	45.5	48.3	-5.3	-5.5

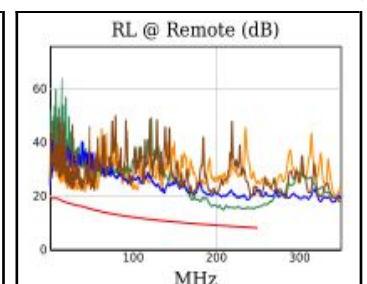
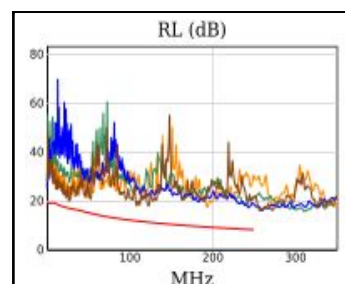
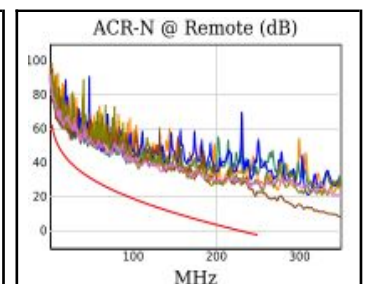
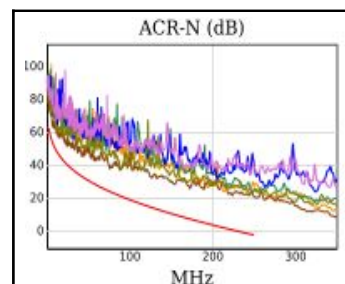
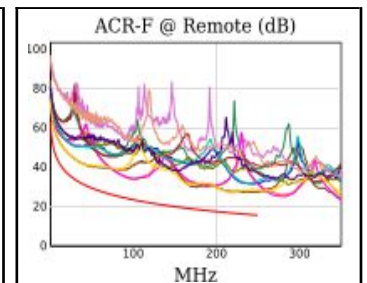
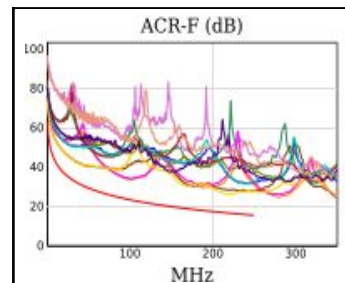
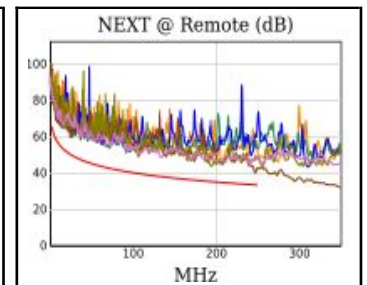
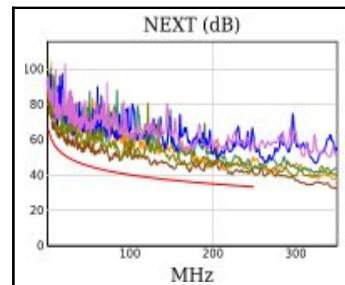
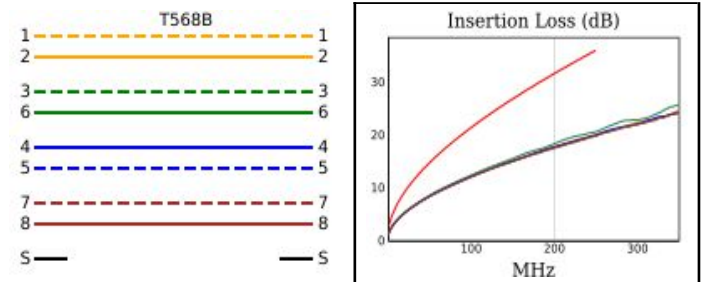
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	4,5	3,6
RL (dB)	2.9	5.4	8.9	5.9
Freq. (MHz)	26.9	21.3	243.5	209.5
Limit (dB)	16.9	17.4	8.1	8.8

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: 02-08-05

Test Summary: PASS

Date / Time: 08/08/2025 02:40:57 PM

Headroom: 5 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

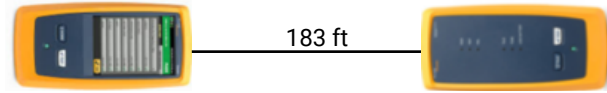
Main S/N: 1927404

Remote S/N: 1927408

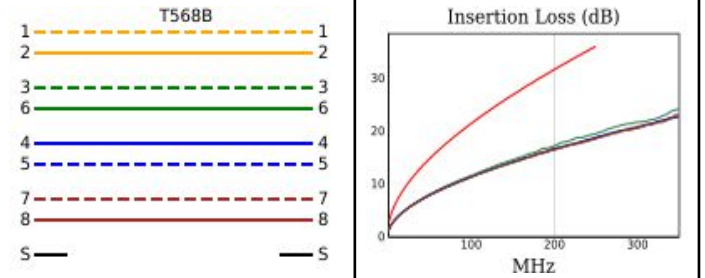
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 1,2]	183
Prop. Delay (ns), Limit 555	[Pair 4,5]	286
Delay Skew (ns), Limit 50	[Pair 4,5]	16
Resistance (ohms)	[Pair 4,5]	9.0
Insertion Loss Margin (dB)	[Pair 3,6]	16.5
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9



PASS



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-7,8	1,2-7,8	3,6-4,5
NEXT (dB)	5.0	6.0	6.4	6.1
Freq. (MHz)	24.9	24.6	227.0	223.0
Limit (dB)	50.1	50.1	33.8	34.0
Worst Pair	7,8	7,8	1,2	4,5
PS NEXT (dB)	6.8	7.8	7.1	8.0
Freq. (MHz)	151.5	24.6	234.5	223.0
Limit (dB)	34.0	47.5	30.6	31.0

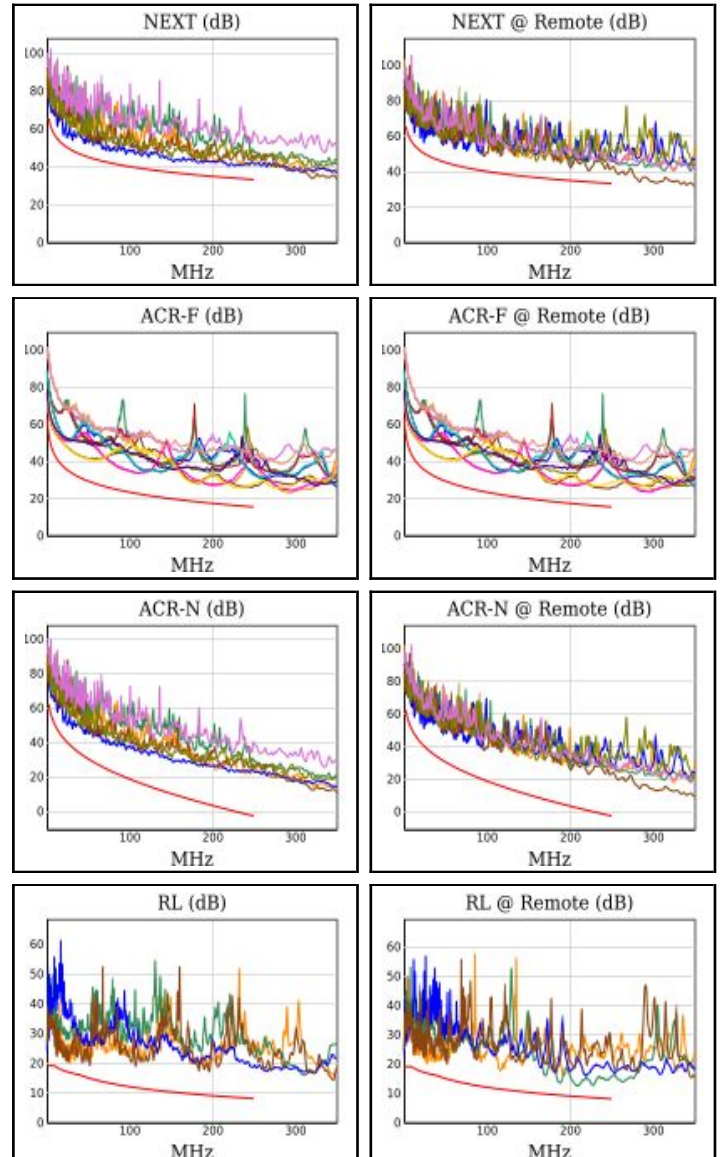
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	4,5-3,6	4,5-3,6	4,5-3,6
ACR-F (dB)	9.3	9.4	9.8	9.7
Freq. (MHz)	199.5	184.0	233.5	247.0
Limit (dB)	17.3	18.0	15.9	15.4
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	10.0	9.6	10.8	11.5
Freq. (MHz)	180.0	184.0	226.0	228.0
Limit (dB)	15.2	15.0	13.2	13.1

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-7,8	1,2-3,6	3,6-4,5
ACR-N (dB)	9.4	10.6	23.3	24.9
Freq. (MHz)	20.8	13.3	240.0	248.0
Limit (dB)	42.2	47.3	-1.7	-2.6
Worst Pair	7,8	1,2	3,6	3,6
PS ACR-N (dB)	11.4	12.5	24.6	25.8
Freq. (MHz)	20.5	13.3	247.5	248.0
Limit (dB)	39.7	44.7	-5.5	-5.6

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	1,2	7,8	3,6
RL (dB)	3.1	3.1	7.9	3.6
Freq. (MHz)	28.4	28.4	196.5	210.0
Limit (dB)	16.7	16.7	9.1	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		





Cable ID: 02-08-06

Test Summary: PASS

Date / Time: 08/08/2025 02:50:30 PM

Headroom: 2 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

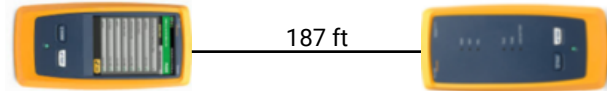
Main S/N: 1927404

Remote S/N: 1927408

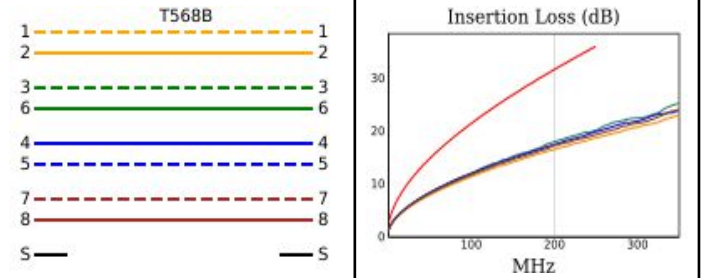
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 1,2]	187
Prop. Delay (ns), Limit 555	[Pair 3,6]	291
Delay Skew (ns), Limit 50	[Pair 3,6]	16
Resistance (ohms)	[Pair 3,6]	9.5
Insertion Loss Margin (dB)	[Pair 3,6]	15.9
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	1,2-4,5	1,2-4,5	3,6-4,5	3,6-4,5
NEXT (dB)	4.3	2.0	6.3	5.8
Freq. (MHz)	32.8	33.0	250.0	217.5
Limit (dB)	48.1	48.0	33.1	34.2
Worst Pair	1,2	4,5	4,5	4,5
PS NEXT (dB)	6.2	4.2	7.0	6.7
Freq. (MHz)	32.8	33.0	250.0	203.0
Limit (dB)	45.4	45.3	30.2	31.7

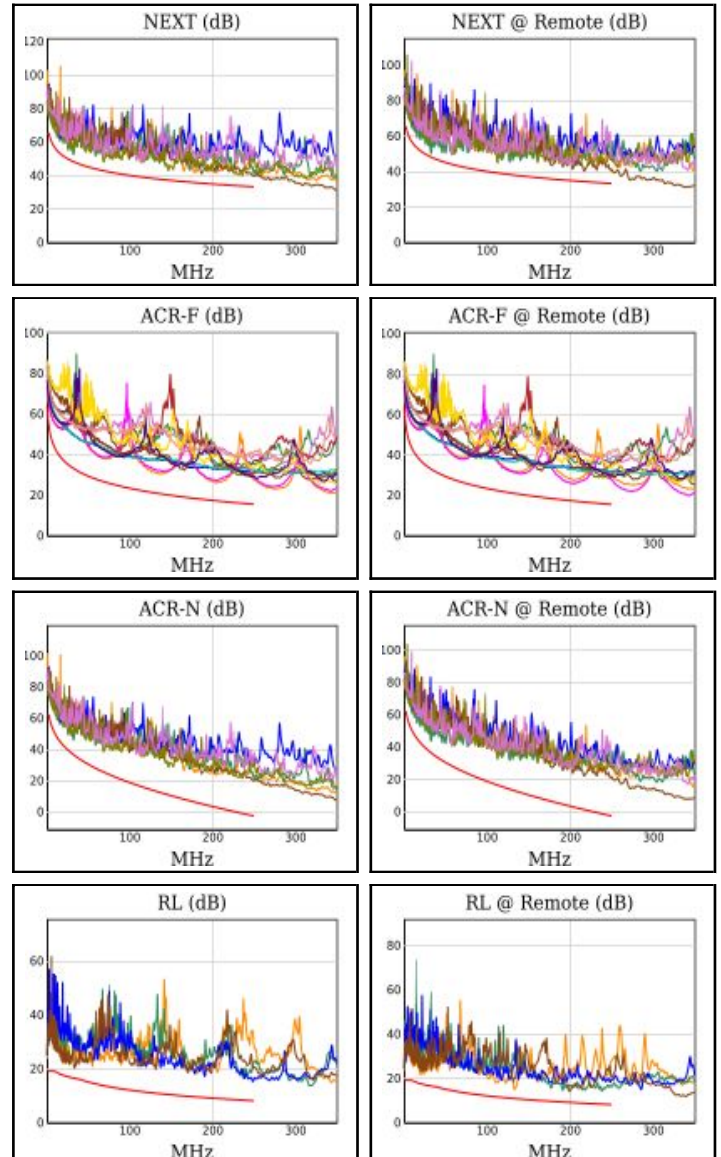
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-F (dB)	8.6	8.4	8.6	8.4
Freq. (MHz)	204.0	205.5	204.0	205.5
Limit (dB)	17.1	17.0	17.1	17.0
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	11.3	10.6	12.3	11.9
Freq. (MHz)	204.0	205.5	249.5	250.0
Limit (dB)	14.1	14.0	12.3	12.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-4,5	3,6-4,5	3,6-4,5
ACR-N (dB)	9.4	7.1	22.4	23.3
Freq. (MHz)	32.5	33.0	250.0	249.0
Limit (dB)	36.5	36.3	-2.8	-2.7
Worst Pair	4,5	4,5	3,6	3,6
PS ACR-N (dB)	11.5	9.3	23.1	24.8
Freq. (MHz)	32.5	33.0	250.0	249.0
Limit (dB)	33.8	33.6	-5.8	-5.7

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	4,5	7,8
RL (dB)	3.6	3.8	7.1	4.9
Freq. (MHz)	33.5	20.5	249.0	199.5
Limit (dB)	16.4	17.4	8.0	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: 02-08-07

Date / Time: 08/08/2025 02:59:54 PM

Headroom: 3.6 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

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

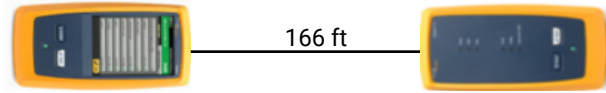
Remote S/N: 1927408

Main Adapter: DSX-CHA804

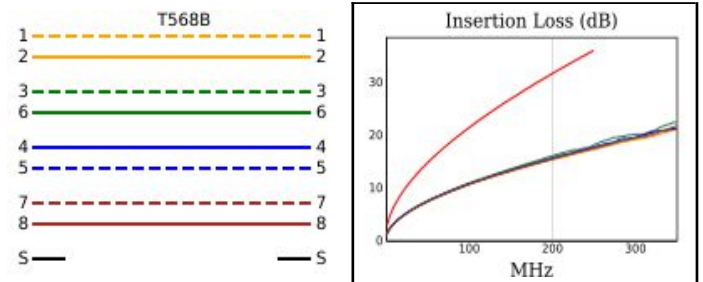
Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 4,5]	166
Prop. Delay (ns), Limit 555	[Pair 7,8]	260
Delay Skew (ns), Limit 50	[Pair 7,8]	15
Resistance (ohms)	[Pair 3,6]	8.6
Insertion Loss Margin (dB)	[Pair 3,6]	17.8
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	1,2-3,6	3,6-4,5	1,2-3,6	3,6-4,5
NEXT (dB)	3.6	5.0	3.6	5.0
Freq. (MHz)	241.5	233.0	241.5	233.0
Limit (dB)	33.4	33.6	33.4	33.6
Worst Pair	1,2	4,5	1,2	4,5
PS NEXT (dB)	4.7	5.2	4.7	5.2
Freq. (MHz)	250.0	233.0	250.0	233.0
Limit (dB)	30.2	30.7	30.2	30.7

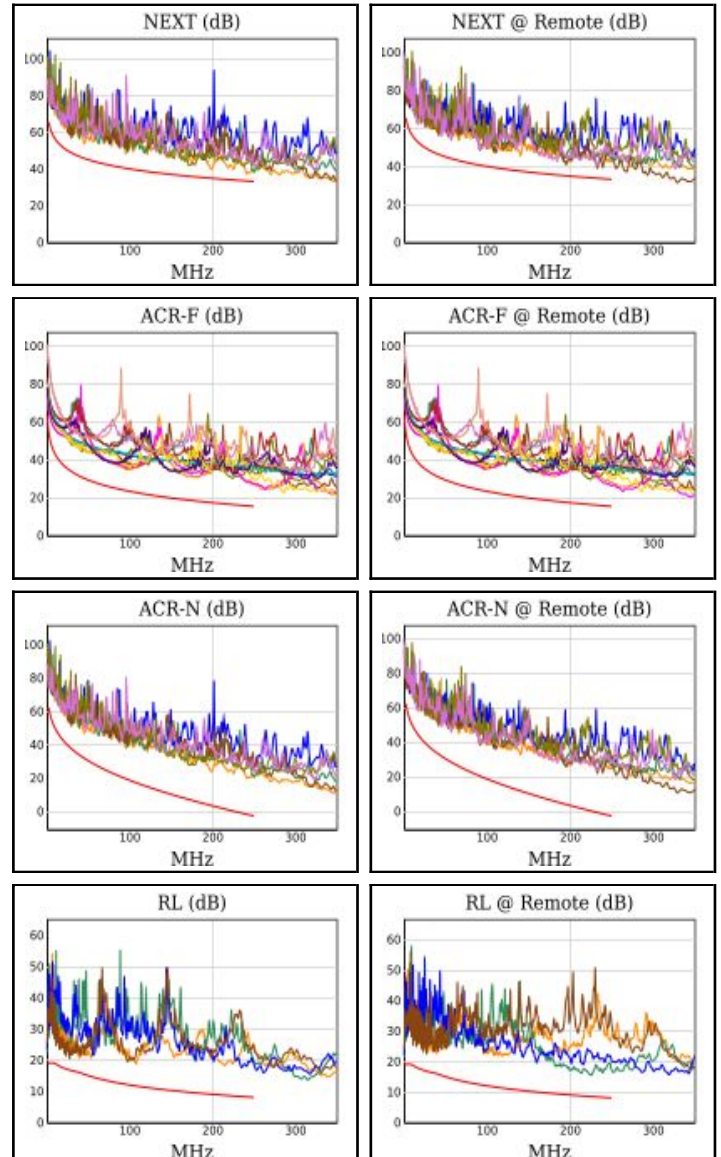
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	3,6-1,2	1,2-3,6
ACR-F (dB)	11.0	10.9	11.7	11.0
Freq. (MHz)	95.5	248.5	249.0	250.0
Limit (dB)	23.7	15.4	15.3	15.3
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	11.2	11.7	12.9	12.8
Freq. (MHz)	99.5	1.0	250.0	250.0
Limit (dB)	20.3	60.3	12.3	12.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-4,5	1,2-3,6	3,6-4,5
ACR-N (dB)	11.8	11.4	21.3	22.4
Freq. (MHz)	3.0	3.8	241.5	233.0
Limit (dB)	61.5	59.6	-1.8	-0.8
Worst Pair	3,6	3,6	1,2	4,5
PS ACR-N (dB)	11.9	11.9	23.5	22.7
Freq. (MHz)	3.3	3.8	250.0	233.0
Limit (dB)	58.4	57.1	-5.8	-3.8

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	4,5	3,6
RL (dB)	3.6	5.6	9.2	6.8
Freq. (MHz)	27.9	27.9	235.0	226.0
Limit (dB)	16.8	16.8	8.3	8.5

Compliant Network Standards:

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





Cable ID: 02-08-08

Test Summary: PASS

Date / Time: 08/08/2025 11:18:12 AM

Headroom: 3.5 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

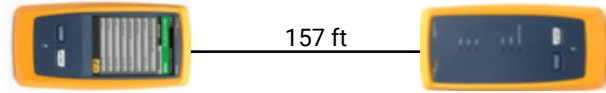
Main S/N: 1927404

Remote S/N: 1927408

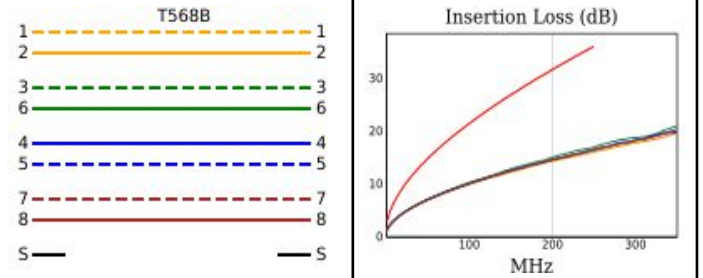
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 4,5]	157
Prop. Delay (ns), Limit 555	[Pair 7,8]	245
Delay Skew (ns), Limit 50	[Pair 7,8]	14
Resistance (ohms)	[Pair 3,6]	8.0
Insertion Loss Margin (dB)	[Pair 3,6]	19.0
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9



PASS



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	1,2-4,5	3,6-4,5	1,2-4,5
NEXT (dB)	3.7	3.5	3.7	3.5
Freq. (MHz)	239.0	234.0	239.0	234.0
Limit (dB)	33.5	33.6	33.5	33.6
Worst Pair	3,6	1,2	3,6	4,5
PS NEXT (dB)	5.1	5.4	5.2	5.5
Freq. (MHz)	178.5	234.0	239.5	241.5
Limit (dB)	32.7	30.7	30.5	30.4

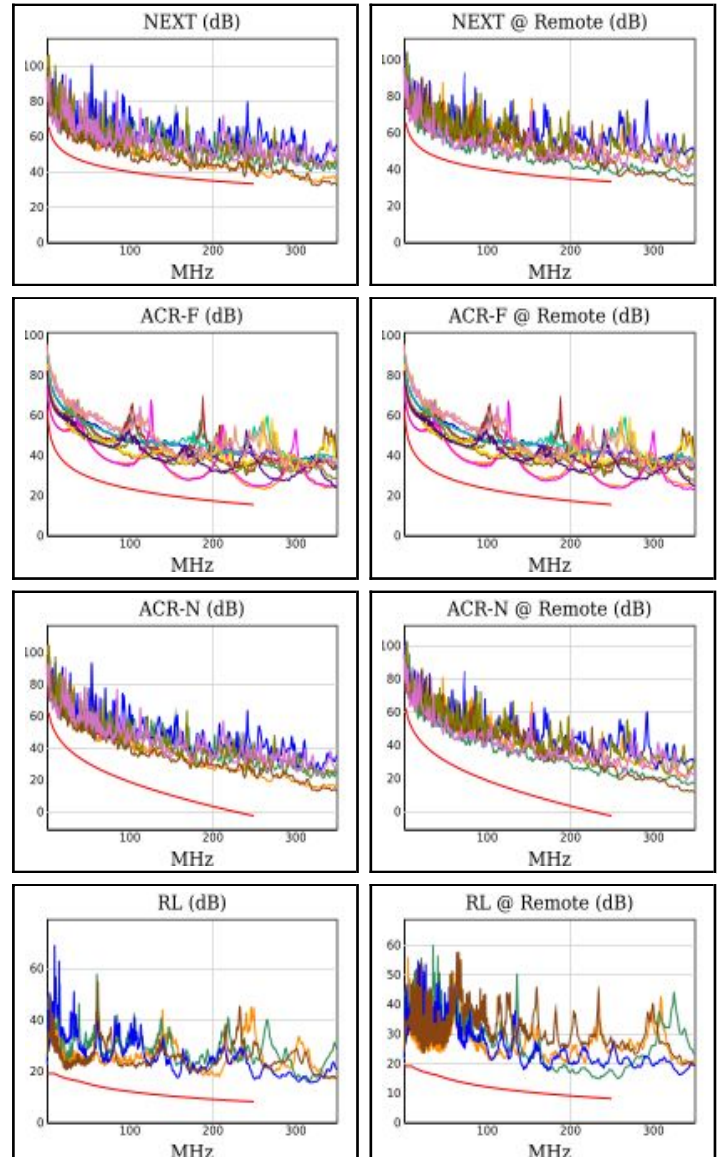
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-F (dB)	8.8	8.5	8.8	8.6
Freq. (MHz)	250.0	171.5	250.0	250.0
Limit (dB)	15.3	18.6	15.3	15.3
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	11.1	10.6	11.5	10.6
Freq. (MHz)	171.5	250.0	250.0	250.0
Limit (dB)	15.6	12.3	12.3	12.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	1,2-4,5
ACR-N (dB)	10.3	9.9	22.7	22.4
Freq. (MHz)	2.3	2.3	239.0	234.0
Limit (dB)	61.9	61.9	-1.5	-1.0
Worst Pair	4,5	4,5	3,6	4,5
PS ACR-N (dB)	12.1	11.6	23.8	24.6
Freq. (MHz)	4.4	2.3	239.5	241.5
Limit (dB)	55.7	58.9	-4.6	-4.8

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	4,5	3,6
RL (dB)	3.3	6.2	9.2	6.5
Freq. (MHz)	23.0	23.4	250.0	236.0
Limit (dB)	17.2	17.2	8.0	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: 02-08-09

Test Summary: PASS

Date / Time: 08/08/2025 11:07:52 AM

Headroom: 6.2 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

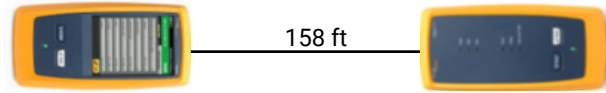
Main S/N: 1927404

Remote S/N: 1927408

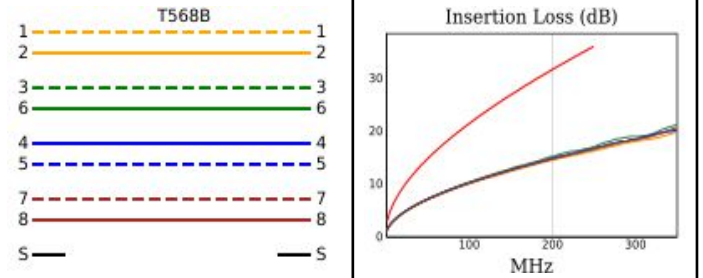
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 4,5]	158
Prop. Delay (ns), Limit 555	[Pair 7,8]	247
Delay Skew (ns), Limit 50	[Pair 7,8]	14
Resistance (ohms)	[Pair 3,6]	8.2
Insertion Loss Margin (dB)	[Pair 3,6]	18.9
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	4,5-7,8	3,6-4,5	3,6-4,5	3,6-4,5
NEXT (dB)	6.9	6.2	7.8	6.6
Freq. (MHz)	27.4	100.5	249.0	248.5
Limit (dB)	49.4	39.9	33.1	33.2
Worst Pair	4,5	4,5	3,6	4,5
PS NEXT (dB)	6.9	6.3	7.0	6.3
Freq. (MHz)	199.0	248.5	248.5	248.5
Limit (dB)	31.9	30.2	30.2	30.2

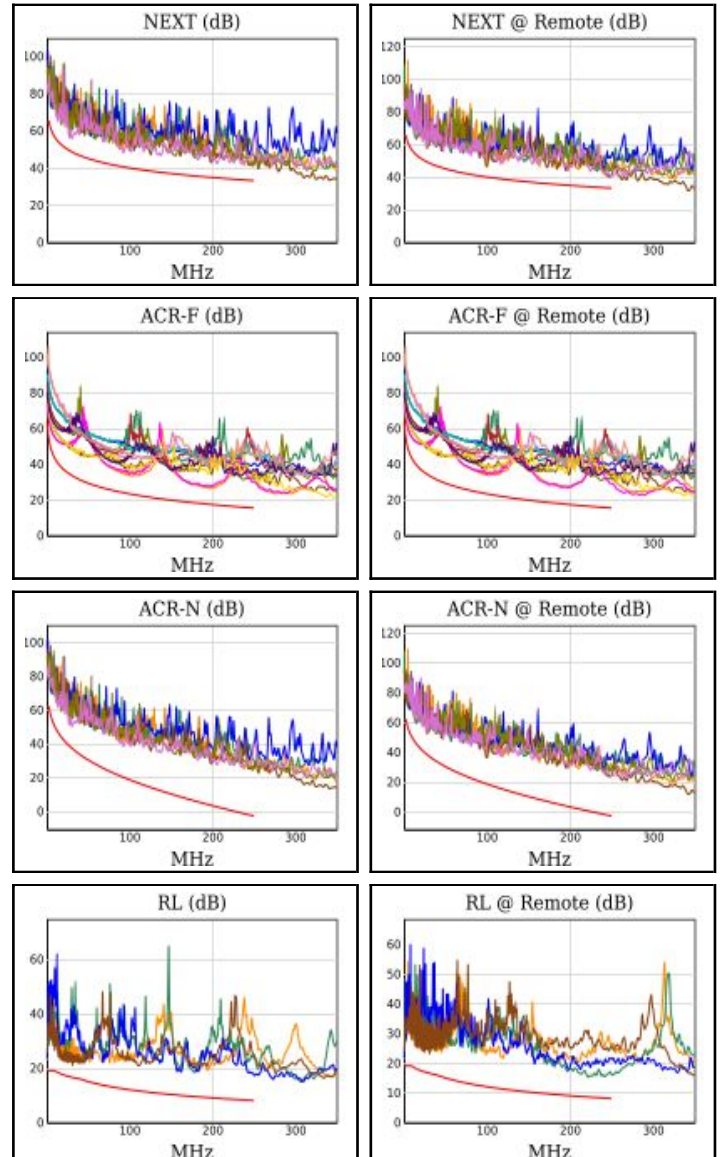
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-F (dB)	8.8	9.0	8.8	9.0
Freq. (MHz)	197.0	197.0	197.0	197.0
Limit (dB)	17.4	17.4	17.4	17.4
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	11.0	11.4	11.3	11.5
Freq. (MHz)	101.0	197.0	197.0	197.5
Limit (dB)	20.2	14.4	14.4	14.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	4,5-7,8	1,2-4,5	3,6-4,5	3,6-4,5
ACR-N (dB)	12.4	13.6	27.1	26.0
Freq. (MHz)	27.4	15.1	249.0	248.5
Limit (dB)	38.8	45.8	-2.7	-2.7
Worst Pair	4,5	4,5	3,6	4,5
PS ACR-N (dB)	13.4	13.8	25.9	25.6
Freq. (MHz)	27.5	4.4	248.5	248.5
Limit (dB)	36.0	55.7	-5.6	-5.6

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	4,5	3,6
RL (dB)	4.4	6.5	9.5	6.7
Freq. (MHz)	31.5	31.5	250.0	222.0
Limit (dB)	16.5	16.5	8.0	8.5

Compliant Network Standards:

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





Cable ID: 02-08-10

Test Summary: PASS

Date / Time: 08/08/2025 11:22:01 AM

Headroom: 4.9 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

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 4,5]	171
Prop. Delay (ns), Limit 555	[Pair 7,8]	267
Delay Skew (ns), Limit 50	[Pair 7,8]	15
Resistance (ohms)	[Pair 3,6]	8.7
Insertion Loss Margin (dB)	[Pair 3,6]	17.3
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-4,5	1,2-3,6	3,6-4,5
NEXT (dB)	6.3	4.9	6.6	5.8
Freq. (MHz)	207.5	196.5	246.0	246.5
Limit (dB)	34.5	34.9	33.2	33.2
Worst Pair	3,6	3,6	3,6	4,5
PS NEXT (dB)	7.6	6.1	7.8	6.4
Freq. (MHz)	207.5	196.5	244.5	246.5
Limit (dB)	31.6	32.0	30.3	30.3

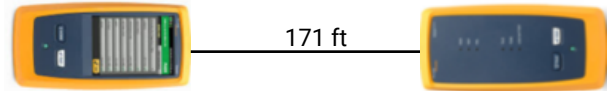
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	3,6-4,5	4,5-3,6
ACR-F (dB)	8.6	8.1	9.8	8.8
Freq. (MHz)	177.0	177.0	249.5	245.0
Limit (dB)	18.3	18.3	15.3	15.5
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	10.2	9.7	10.5	9.7
Freq. (MHz)	228.5	245.0	238.5	245.0
Limit (dB)	13.1	12.5	12.7	12.5

N/A	MAIN	SR	MAIN	SR
Worst Pair	4,5-7,8	4,5-7,8	1,2-3,6	3,6-4,5
ACR-N (dB)	12.1	10.2	23.7	23.7
Freq. (MHz)	27.5	8.3	246.0	246.5
Limit (dB)	38.7	52.2	-2.4	-2.4
Worst Pair	7,8	4,5	3,6	3,6
PS ACR-N (dB)	14.3	12.3	24.9	23.8
Freq. (MHz)	27.4	8.3	244.5	243.5
Limit (dB)	36.1	49.6	-5.2	-5.0

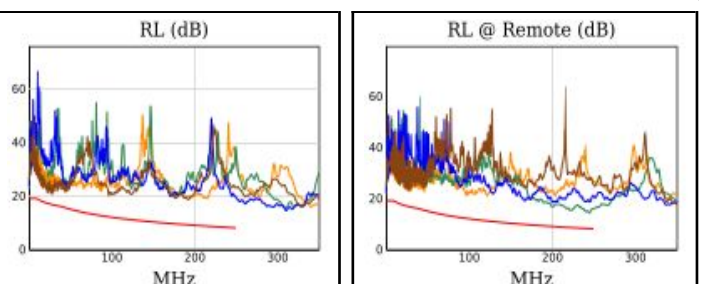
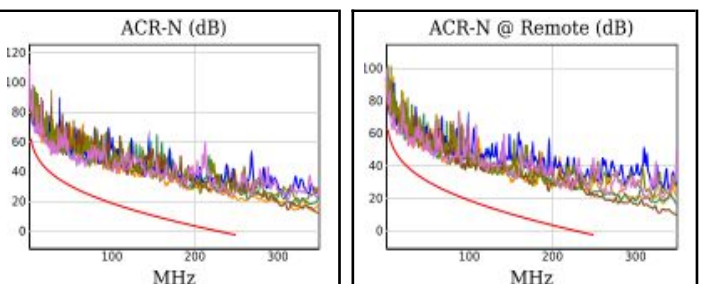
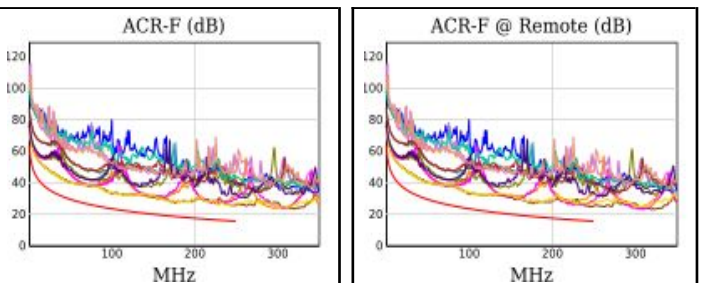
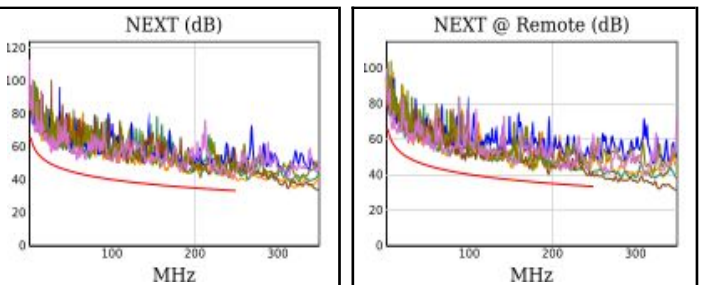
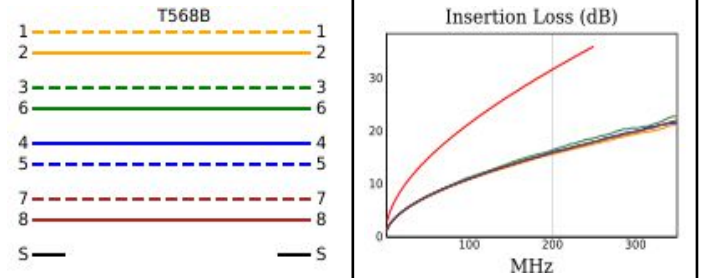
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	7,8	3,6
RL (dB)	3.9	5.9	9.5	6.1
Freq. (MHz)	23.0	29.1	193.0	245.0
Limit (dB)	17.2	16.7	9.1	8.1

Compliant Network Standards:

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



PASS





Cable ID: 02-08-11

Test Summary: PASS

Date / Time: 08/08/2025 11:03:54 AM

Headroom: 7.5 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

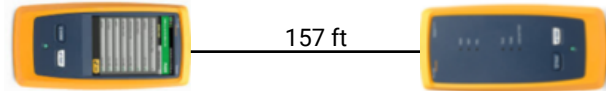
Main S/N: 1927404

Remote S/N: 1927408

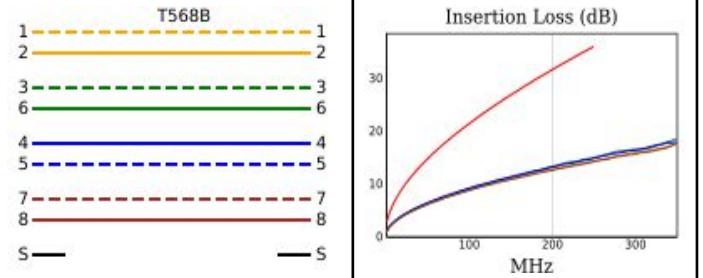
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 7,8]	157
Prop. Delay (ns), Limit 555	[Pair 4,5]	244
Delay Skew (ns), Limit 50	[Pair 4,5]	12
Resistance (ohms)	[Pair 4,5]	7.1
Insertion Loss Margin (dB)	[Pair 3,6]	21.1
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9



PASS



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	1,2-4,5	3,6-7,8	1,2-4,5
NEXT (dB)	8.8	7.5	8.8	7.5
Freq. (MHz)	203.5	250.0	203.5	250.0
Limit (dB)	34.7	33.1	34.7	33.1
Worst Pair	3,6	4,5	1,2	4,5
PS NEXT (dB)	10.9	8.8	11.8	8.8
Freq. (MHz)	203.5	248.5	236.0	248.5
Limit (dB)	31.7	30.2	30.6	30.2

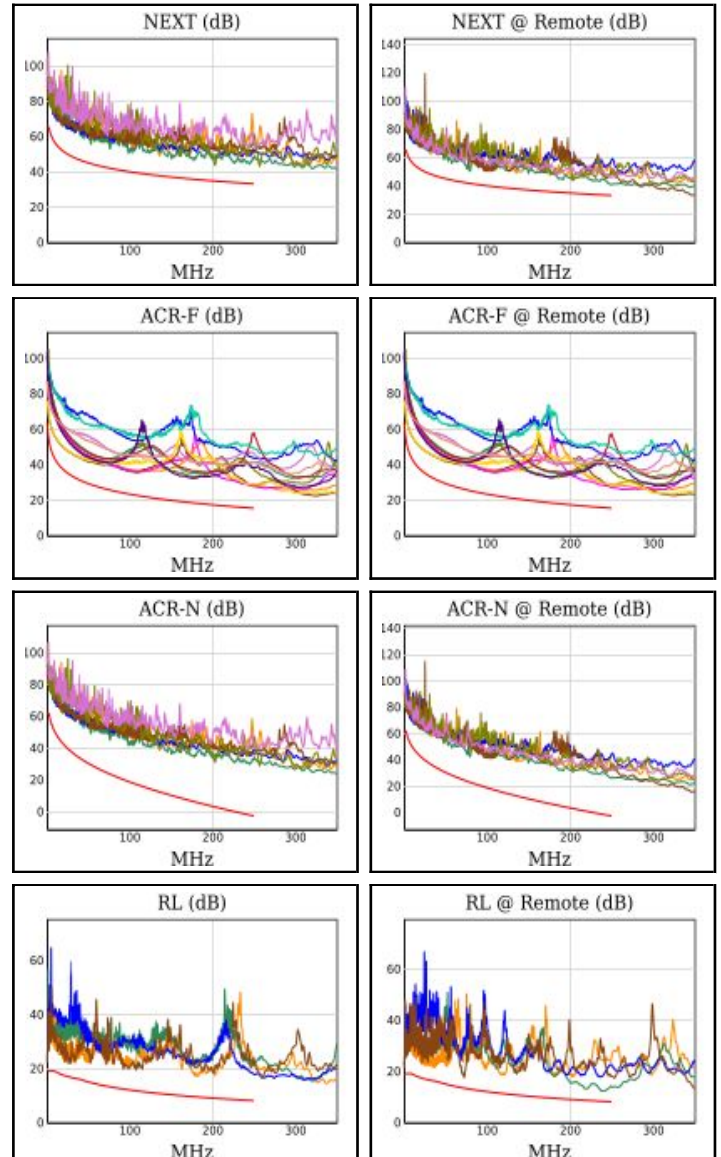
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	1,2-3,6	3,6-1,2	1,2-3,6
ACR-F (dB)	12.2	11.8	12.3	11.8
Freq. (MHz)	50.0	250.0	250.0	250.0
Limit (dB)	29.3	15.3	15.3	15.3
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	12.8	12.1	13.1	12.3
Freq. (MHz)	67.3	52.5	250.0	250.0
Limit (dB)	23.7	25.9	12.3	12.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-4,5	1,2-4,5	1,2-4,5
ACR-N (dB)	16.9	16.1	31.7	28.6
Freq. (MHz)	4.0	3.6	245.0	250.0
Limit (dB)	59.0	59.9	-2.3	-2.8
Worst Pair	3,6	3,6	1,2	4,5
PS ACR-N (dB)	16.8	16.0	32.7	30.0
Freq. (MHz)	4.3	3.6	236.0	249.0
Limit (dB)	56.0	57.4	-4.1	-5.7

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	3,6	1,2	3,6
RL (dB)	4.8	4.1	7.5	4.1
Freq. (MHz)	26.3	241.5	183.0	241.5
Limit (dB)	16.9	8.2	9.4	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: 02-08-12

Date / Time: 08/08/2025 12:12:13 PM

Headroom: 3.7 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

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

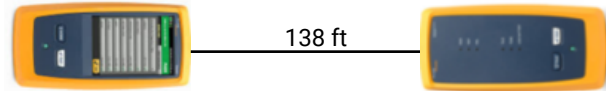
Remote S/N: 1927408

Main Adapter: DSX-CHA804

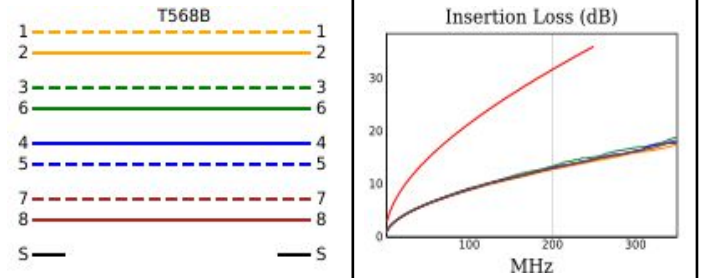
Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 4,5]	138
Prop. Delay (ns), Limit 555	[Pair 7,8]	216
Delay Skew (ns), Limit 50	[Pair 7,8]	12
Resistance (ohms)	[Pair 3,6]	7.2
Insertion Loss Margin (dB)	[Pair 3,6]	20.9
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	3,6-4,5	1,2-3,6	3,6-4,5	1,2-3,6
NEXT (dB)	3.7	6.0	6.8	6.7
Freq. (MHz)	95.5	179.0	248.5	246.5
Limit (dB)	40.3	35.6	33.2	33.2
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	6.0	7.1	6.9	7.1
Freq. (MHz)	92.5	246.5	249.0	246.5
Limit (dB)	37.7	30.3	30.2	30.3

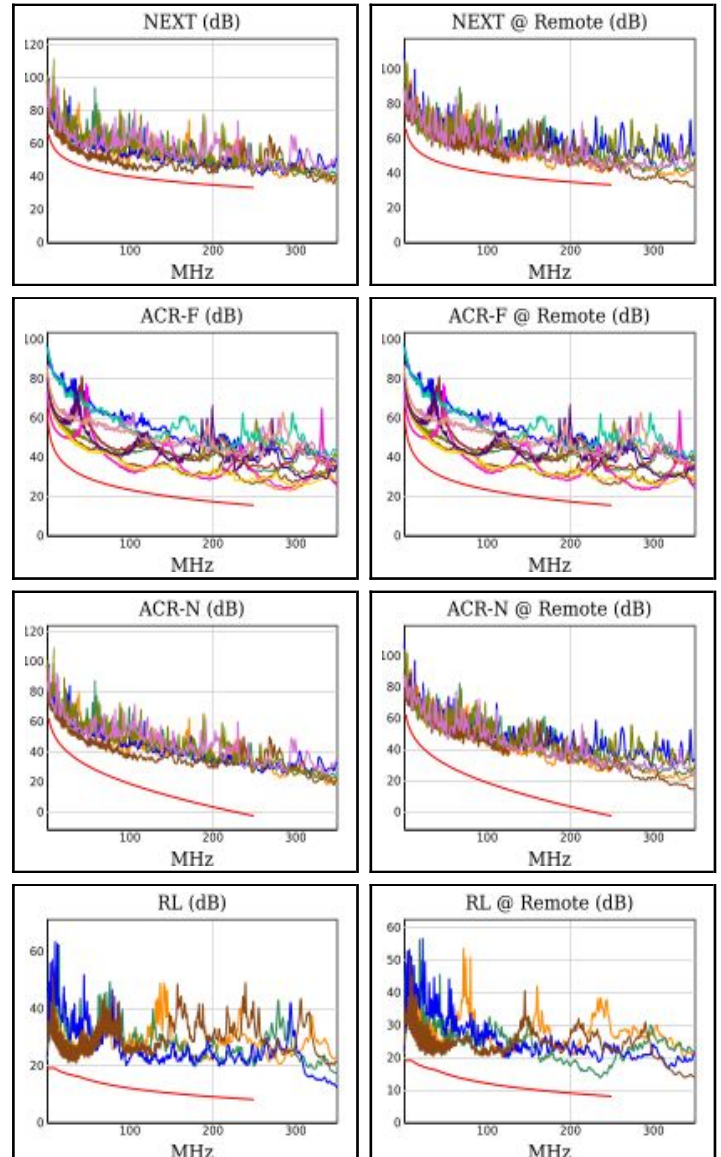
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-1,2	1,2-3,6	3,6-4,5	4,5-3,6
ACR-F (dB)	8.9	8.5	10.7	10.2
Freq. (MHz)	105.0	100.5	248.0	248.0
Limit (dB)	22.8	23.2	15.4	15.4
Worst Pair	3,6	3,6	4,5	3,6
PS ACR-F (dB)	10.2	9.7	12.9	12.1
Freq. (MHz)	105.5	100.0	248.0	248.0
Limit (dB)	19.8	20.3	12.4	12.4

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)	9.2	9.4	28.2	27.4
Freq. (MHz)	2.4	2.8	248.5	246.5
Limit (dB)	61.9	61.6	-2.7	-2.4
Worst Pair	4,5	4,5	3,6	3,6
PS ACR-N (dB)	11.7	11.9	27.8	27.9
Freq. (MHz)	5.0	5.0	249.0	246.5
Limit (dB)	54.5	54.5	-5.7	-5.4

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	3,6	3,6
RL (dB)	4.0	3.6	11.6	5.4
Freq. (MHz)	26.5	26.4	250.0	236.5
Limit (dB)	16.9	16.9	8.0	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: 02-08-13

Test Summary: PASS

Date / Time: 08/08/2025 10:47:01 AM

Headroom: 3.6 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

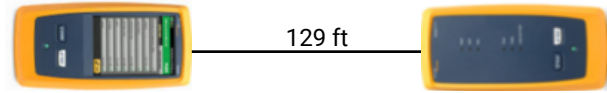
Main S/N: 1927404

Remote S/N: 1927408

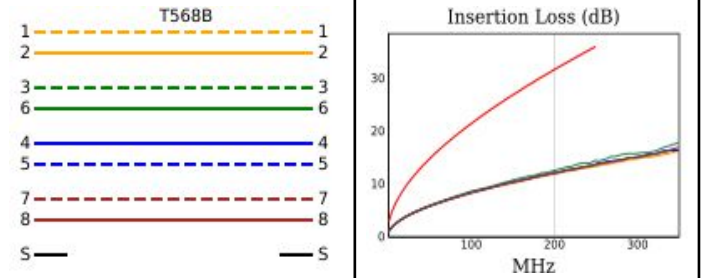
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 4,5]	129
Prop. Delay (ns), Limit 555	[Pair 7,8]	202
Delay Skew (ns), Limit 50	[Pair 7,8]	12
Resistance (ohms)	[Pair 3,6]	6.6
Insertion Loss Margin (dB)	[Pair 3,6]	21.5
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9



PASS



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-7,8	3,6-4,5	3,6-4,5
NEXT (dB)	5.9	3.6	5.9	5.0
Freq. (MHz)	230.0	171.0	230.0	237.0
Limit (dB)	33.7	36.0	33.7	33.5
Worst Pair	3,6	7,8	4,5	7,8
PS NEXT (dB)	7.1	4.5	7.2	4.9
Freq. (MHz)	221.5	172.5	230.0	236.0
Limit (dB)	31.1	33.0	30.8	30.6

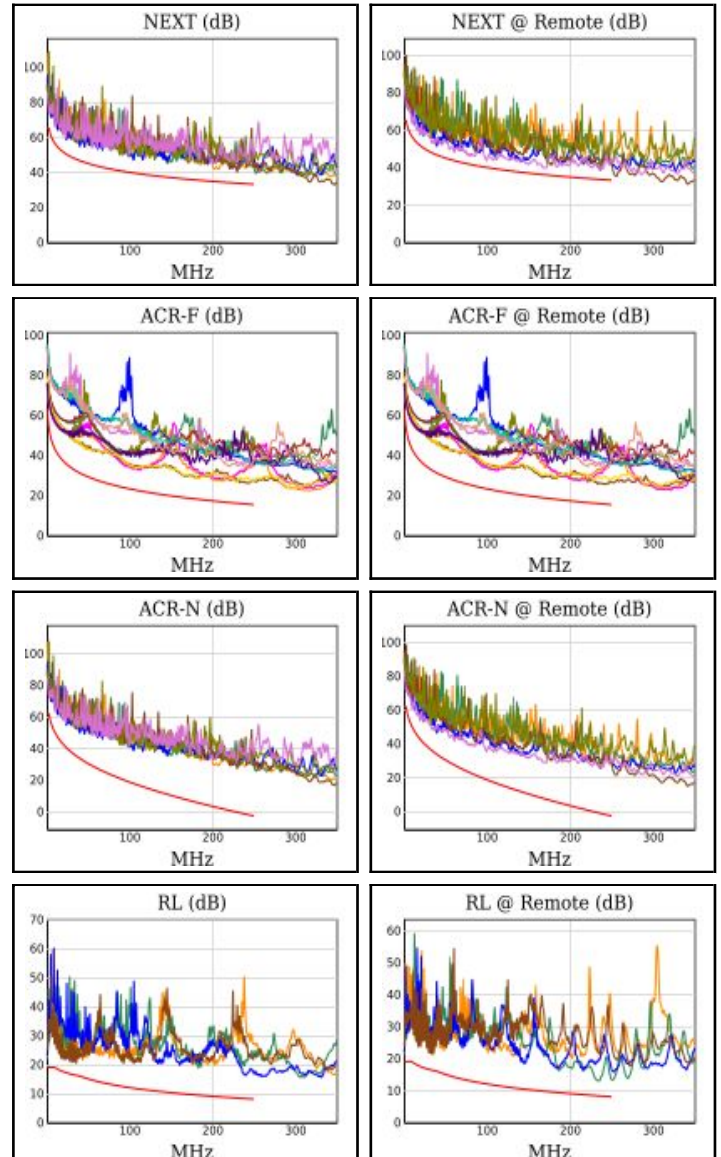
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-1,2	4,5-3,6	3,6-4,5	4,5-3,6
ACR-F (dB)	10.1	9.6	10.4	9.8
Freq. (MHz)	110.5	233.5	242.0	242.0
Limit (dB)	22.4	15.9	15.6	15.6
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	10.7	10.3	11.4	11.5
Freq. (MHz)	108.0	105.0	214.5	233.5
Limit (dB)	19.6	19.8	13.6	12.9

N/A	MAIN	SR	MAIN	SR
Worst Pair	4,5-7,8	4,5-7,8	3,6-4,5	3,6-4,5
ACR-N (dB)	11.7	10.1	27.1	26.6
Freq. (MHz)	3.4	3.3	230.0	237.0
Limit (dB)	60.5	60.9	-0.5	-1.3
Worst Pair	4,5	7,8	3,6	4,5
PS ACR-N (dB)	12.6	10.7	27.3	26.6
Freq. (MHz)	3.3	3.3	221.5	236.5
Limit (dB)	58.4	58.4	-2.4	-4.2

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	4,5	3,6
RL (dB)	4.1	4.5	7.9	4.6
Freq. (MHz)	36.0	33.5	240.0	235.0
Limit (dB)	16.2	16.4	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		





Cable ID: 02-08-14

Date / Time: 08/08/2025 10:52:53 AM

Headroom: 4.5 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

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 4,5]	141
Prop. Delay (ns), Limit 555	[Pair 7,8]	220
Delay Skew (ns), Limit 50	[Pair 7,8]	12
Resistance (ohms)	[Pair 3,6]	7.3
Insertion Loss Margin (dB)	[Pair 3,6]	20.5
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	3,6-4,5
NEXT (dB)	5.0	4.5	5.0	5.6
Freq. (MHz)	245.0	183.5	245.0	239.0
Limit (dB)	33.3	35.4	33.3	33.5
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	5.4	4.9	5.4	4.9
Freq. (MHz)	245.0	182.5	245.0	182.5
Limit (dB)	30.3	32.5	30.3	32.5

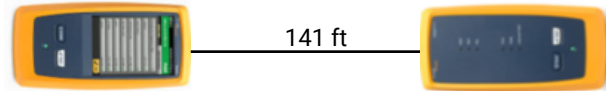
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-F (dB)	10.0	10.1	10.5	10.1
Freq. (MHz)	108.5	214.5	210.5	214.5
Limit (dB)	22.5	16.6	16.8	16.6
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	11.2	11.3	13.1	12.3
Freq. (MHz)	1.4	1.0	210.5	212.5
Limit (dB)	57.5	60.3	13.8	13.7

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	1,2-7,8	3,6-4,5	3,6-4,5
ACR-N (dB)	13.6	14.7	25.9	26.1
Freq. (MHz)	3.5	8.9	245.0	239.0
Limit (dB)	60.2	51.5	-2.3	-1.5
Worst Pair	3,6	7,8	3,6	3,6
PS ACR-N (dB)	14.1	14.4	25.7	27.1
Freq. (MHz)	3.5	8.6	245.0	239.0
Limit (dB)	57.7	49.2	-5.2	-4.5

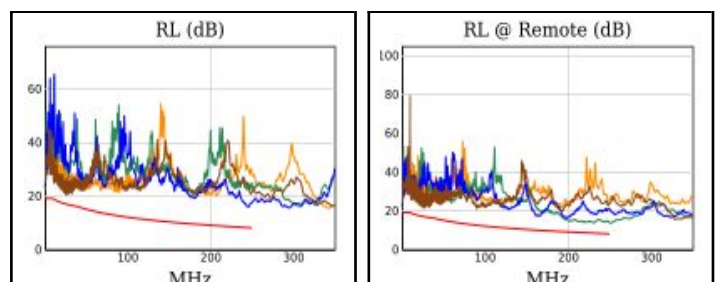
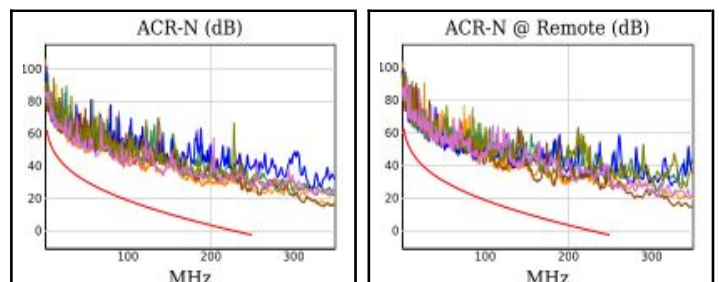
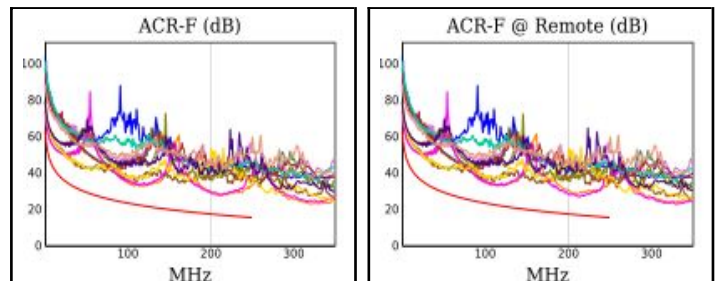
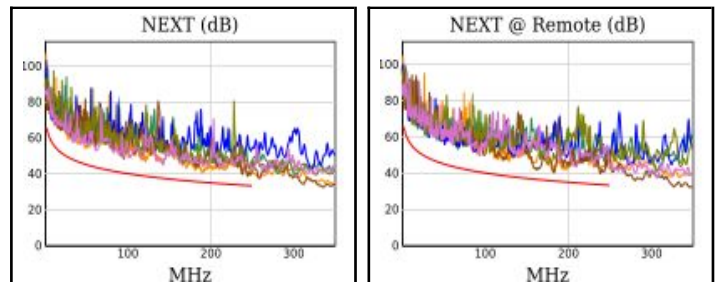
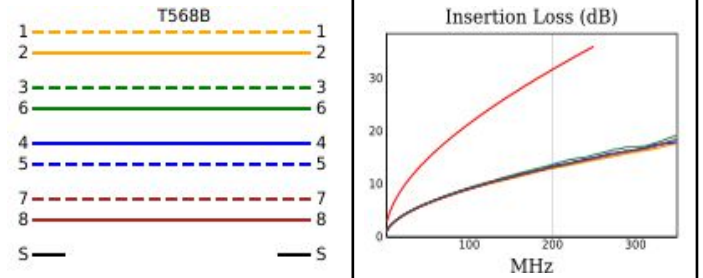
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	4,5	3,6
RL (dB)	3.5	4.5	7.8	5.3
Freq. (MHz)	25.9	26.0	246.5	231.5
Limit (dB)	16.9	16.9	8.1	8.4

Compliant Network Standards:

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



PASS





Cable ID: 02-08-15

Test Summary: PASS

Date / Time: 08/08/2025 11:00:26 AM

Headroom: 2.7 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

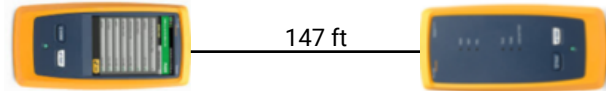
Main S/N: 1927404

Remote S/N: 1927408

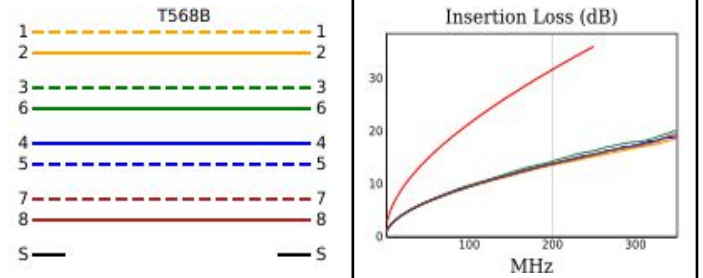
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 4,5]	147
Prop. Delay (ns), Limit 555	[Pair 7,8]	230
Delay Skew (ns), Limit 50	[Pair 7,8]	13
Resistance (ohms)	[Pair 3,6]	7.6
Insertion Loss Margin (dB)	[Pair 3,6]	19.7
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	1,2-3,6	3,6-4,5	1,2-3,6	3,6-4,5
NEXT (dB)	2.7	3.3	3.6	3.3
Freq. (MHz)	193.5	240.0	241.5	240.0
Limit (dB)	35.0	33.4	33.4	33.4
Worst Pair	3,6	4,5	3,6	4,5
PS NEXT (dB)	3.7	3.9	3.7	3.9
Freq. (MHz)	233.0	240.5	233.0	240.5
Limit (dB)	30.7	30.4	30.7	30.4

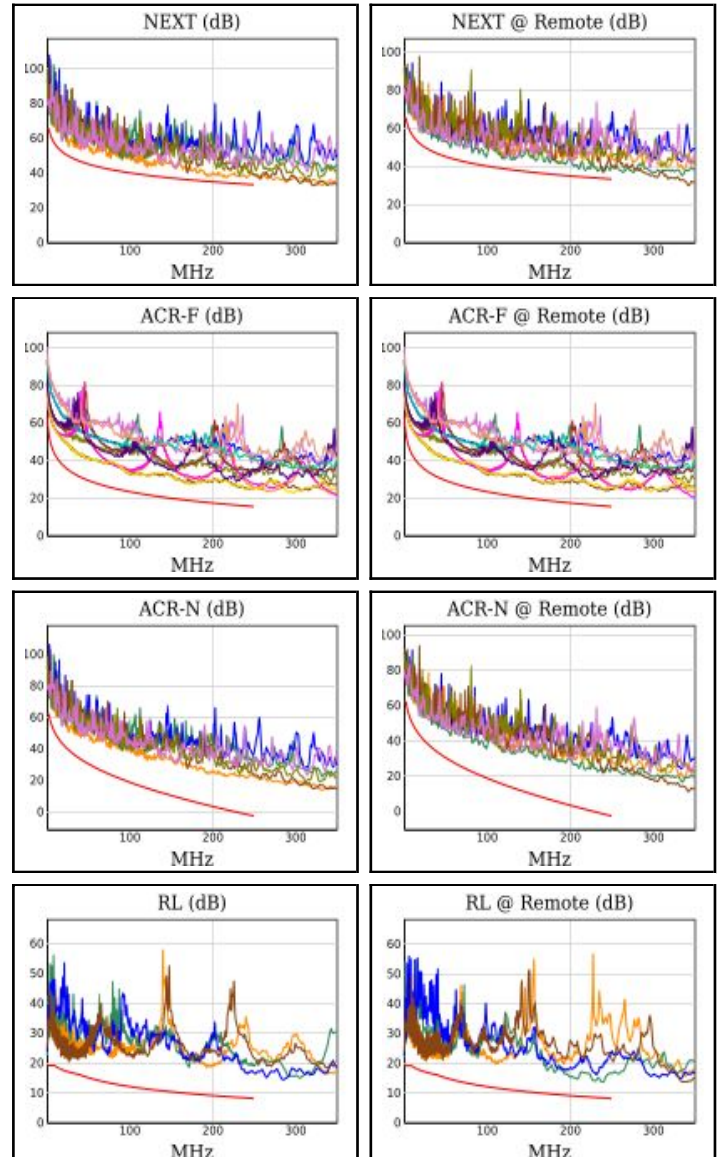
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	4,5-3,6	4,5-3,6	4,5-3,6
ACR-F (dB)	8.5	8.2	8.5	8.2
Freq. (MHz)	240.5	243.0	240.5	243.0
Limit (dB)	15.6	15.5	15.6	15.5
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	9.6	9.2	9.6	9.3
Freq. (MHz)	247.5	245.5	247.5	246.0
Limit (dB)	12.4	12.5	12.4	12.4

N/A	MAIN	SR	MAIN	SR
Worst Pair	4,5-7,8	1,2-4,5	1,2-3,6	3,6-4,5
ACR-N (dB)	10.6	10.5	22.9	23.1
Freq. (MHz)	18.8	6.1	241.5	240.0
Limit (dB)	43.4	55.1	-1.8	-1.7
Worst Pair	1,2	4,5	3,6	4,5
PS ACR-N (dB)	11.3	11.0	22.5	23.7
Freq. (MHz)	6.9	3.6	233.0	240.5
Limit (dB)	51.4	57.4	-3.8	-4.7

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	4,5	3,6
RL (dB)	3.4	3.8	8.0	5.4
Freq. (MHz)	26.9	27.1	242.5	240.0
Limit (dB)	16.9	16.8	8.2	8.2

Compliant Network Standards:

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





Cable ID: 02-08-16

Test Summary: PASS

Date / Time: 08/08/2025 10:59:25 AM

Headroom: 7.4 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

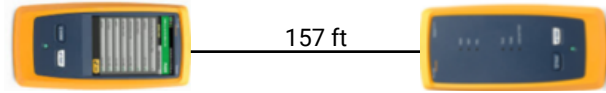
Main S/N: 1927404

Remote S/N: 1927408

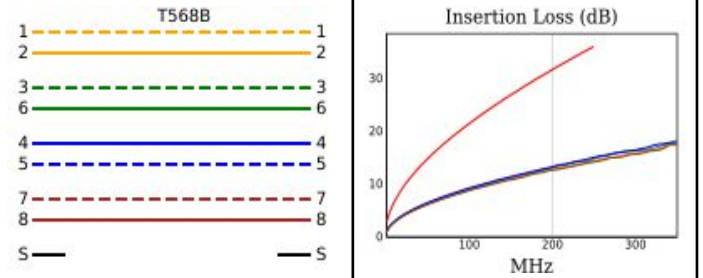
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 7,8]	157
Prop. Delay (ns), Limit 555	[Pair 4,5]	244
Delay Skew (ns), Limit 50	[Pair 4,5]	12
Resistance (ohms)	[Pair 3,6]	7.1
Insertion Loss Margin (dB)	[Pair 4,5]	21.0
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	3,6-4,5	3,6-7,8	3,6-4,5
NEXT (dB)	10.0	7.4	10.6	7.4
Freq. (MHz)	157.5	249.0	193.0	249.0
Limit (dB)	36.6	33.1	35.0	33.1
Worst Pair	3,6	3,6	1,2	3,6
PS NEXT (dB)	10.2	7.0	11.6	7.0
Freq. (MHz)	80.8	226.5	242.0	226.5
Limit (dB)	38.7	30.9	30.4	30.9

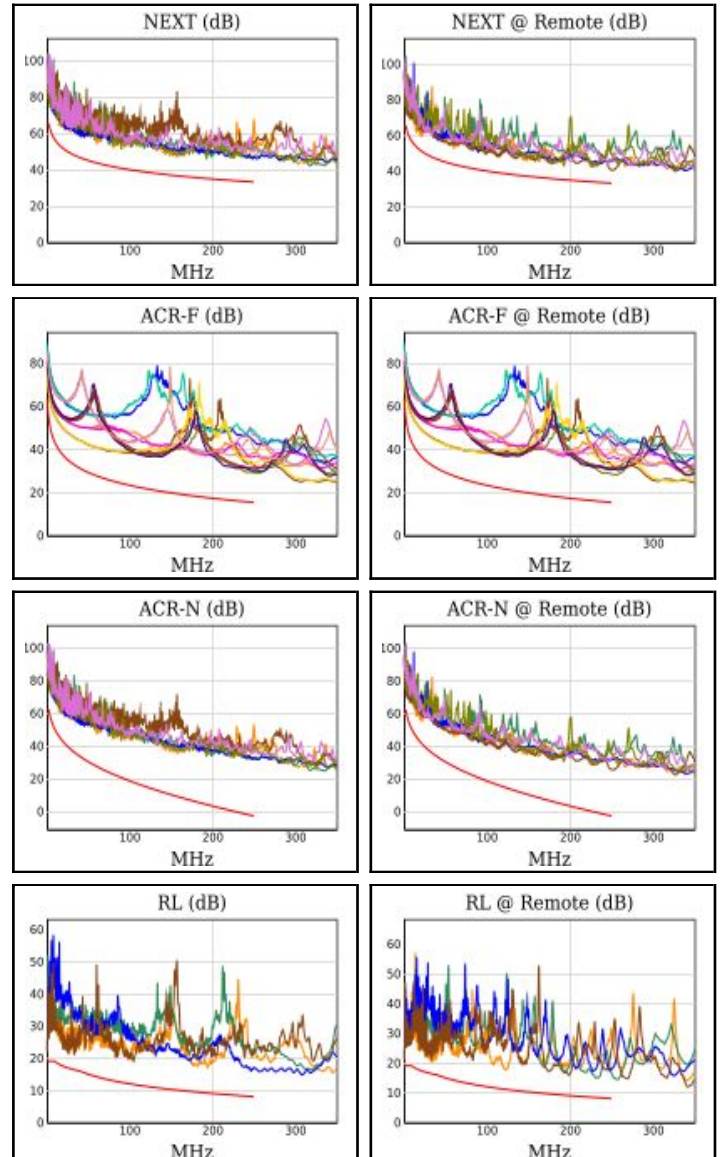
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	3,6-4,5	3,6-7,8	7,8-3,6
ACR-F (dB)	12.0	12.0	13.8	13.2
Freq. (MHz)	6.8	7.0	250.0	250.0
Limit (dB)	46.7	46.4	15.3	15.3
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	12.9	12.8	15.5	14.4
Freq. (MHz)	6.8	1.0	250.0	250.0
Limit (dB)	43.7	60.3	12.3	12.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-4,5	1,2-4,5	3,6-4,5
ACR-N (dB)	14.0	10.8	33.9	28.3
Freq. (MHz)	4.1	4.0	246.5	249.0
Limit (dB)	58.7	59.0	-2.4	-2.7
Worst Pair	3,6	3,6	1,2	3,6
PS ACR-N (dB)	13.8	11.6	33.1	26.9
Freq. (MHz)	4.1	4.1	244.0	226.5
Limit (dB)	56.2	56.2	-5.1	-3.0

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	4,5	3,6
RL (dB)	4.4	4.0	7.8	6.7
Freq. (MHz)	26.9	35.3	247.0	232.5
Limit (dB)	16.9	16.3	8.1	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: 02-08-17

Test Summary: PASS

Date / Time: 08/08/2025 10:38:25 AM

Headroom: 3.9 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

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 4,5]	133
Prop. Delay (ns), Limit 555	[Pair 7,8]	208
Delay Skew (ns), Limit 50	[Pair 7,8]	12
Resistance (ohms)	[Pair 3,6]	6.8
Insertion Loss Margin (dB)	[Pair 3,6]	21.6
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-4,5	1,2-3,6	3,6-4,5
NEXT (dB)	3.9	5.6	4.5	6.4
Freq. (MHz)	181.0	195.5	249.5	246.5
Limit (dB)	35.5	35.0	33.1	33.2
Worst Pair	3,6	4,5	3,6	4,5
PS NEXT (dB)	5.1	6.6	5.1	6.6
Freq. (MHz)	250.0	235.5	250.0	235.5
Limit (dB)	30.2	30.6	30.2	30.6

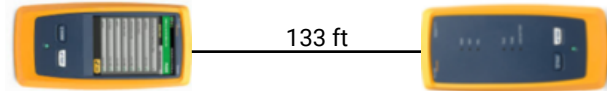
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-F (dB)	10.0	9.8	10.3	9.8
Freq. (MHz)	199.5	202.5	210.5	202.5
Limit (dB)	17.3	17.1	16.8	17.1
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	11.3	11.4	11.9	11.9
Freq. (MHz)	183.0	192.0	208.0	202.5
Limit (dB)	15.0	14.6	13.9	14.1

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-4,5	1,2-3,6	3,6-4,5
ACR-N (dB)	11.4	11.6	26.1	28.1
Freq. (MHz)	3.3	4.8	249.5	246.5
Limit (dB)	60.9	57.5	-2.8	-2.4
Worst Pair	1,2	3,6	3,6	4,5
PS ACR-N (dB)	13.1	12.3	26.8	29.1
Freq. (MHz)	3.3	4.5	250.0	250.0
Limit (dB)	58.4	55.4	-5.8	-5.8

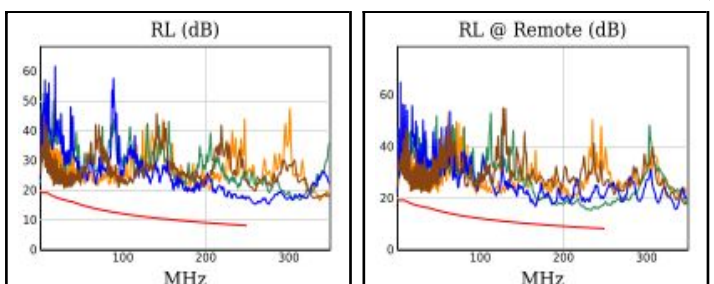
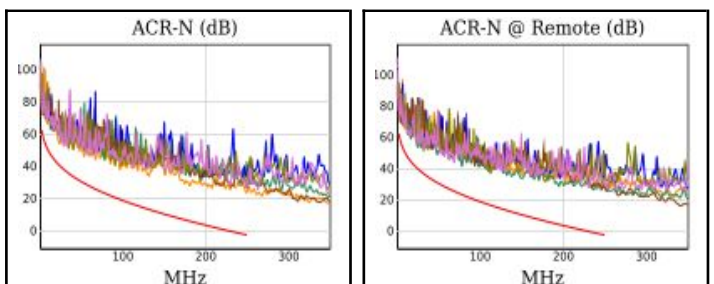
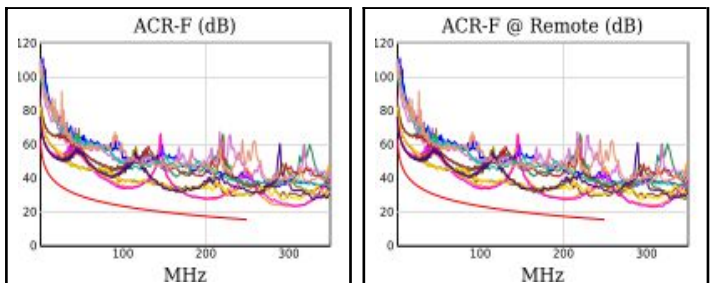
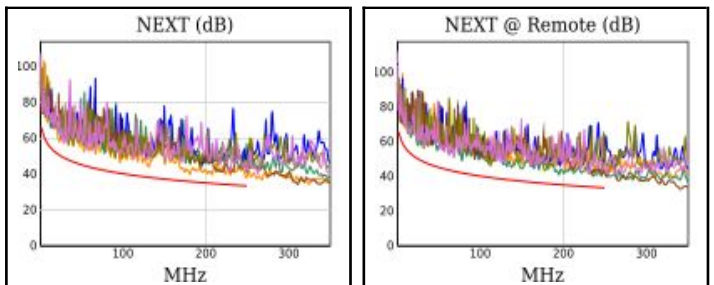
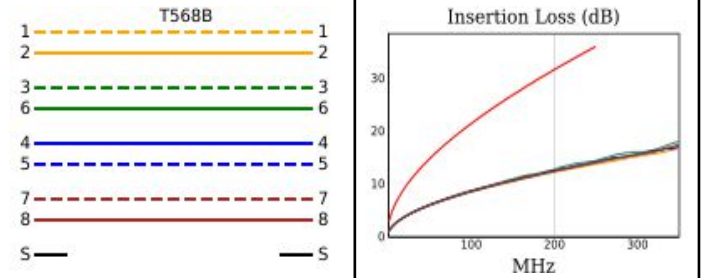
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	4,5	3,6
RL (dB)	3.6	4.7	8.8	6.9
Freq. (MHz)	17.3	17.4	248.5	234.0
Limit (dB)	17.8	17.8	8.0	8.3

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: 02-08-18

Test Summary: PASS

Date / Time: 08/08/2025 10:23:14 AM

Headroom: 3.7 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

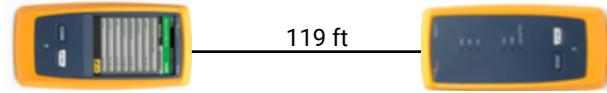
Main S/N: 1927404

Remote S/N: 1927408

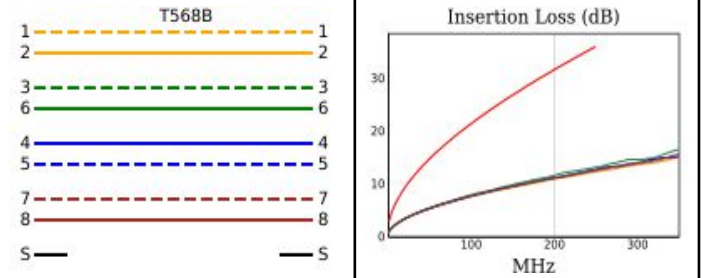
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 4,5]	119
Prop. Delay (ns), Limit 555	[Pair 7,8]	187
Delay Skew (ns), Limit 50	[Pair 7,8]	11
Resistance (ohms)	[Pair 3,6]	6.1
Insertion Loss Margin (dB)	[Pair 3,6]	22.8
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	1,2-3,6	3,6-4,5	1,2-3,6	3,6-4,5
NEXT (dB)	3.7	5.5	3.7	5.5
Freq. (MHz)	182.5	248.5	182.5	248.5
Limit (dB)	35.5	33.2	35.5	33.2
Worst Pair	3,6	4,5	3,6	4,5
PS NEXT (dB)	5.0	6.8	6.4	6.8
Freq. (MHz)	182.5	248.5	249.5	248.5
Limit (dB)	32.5	30.2	30.2	30.2

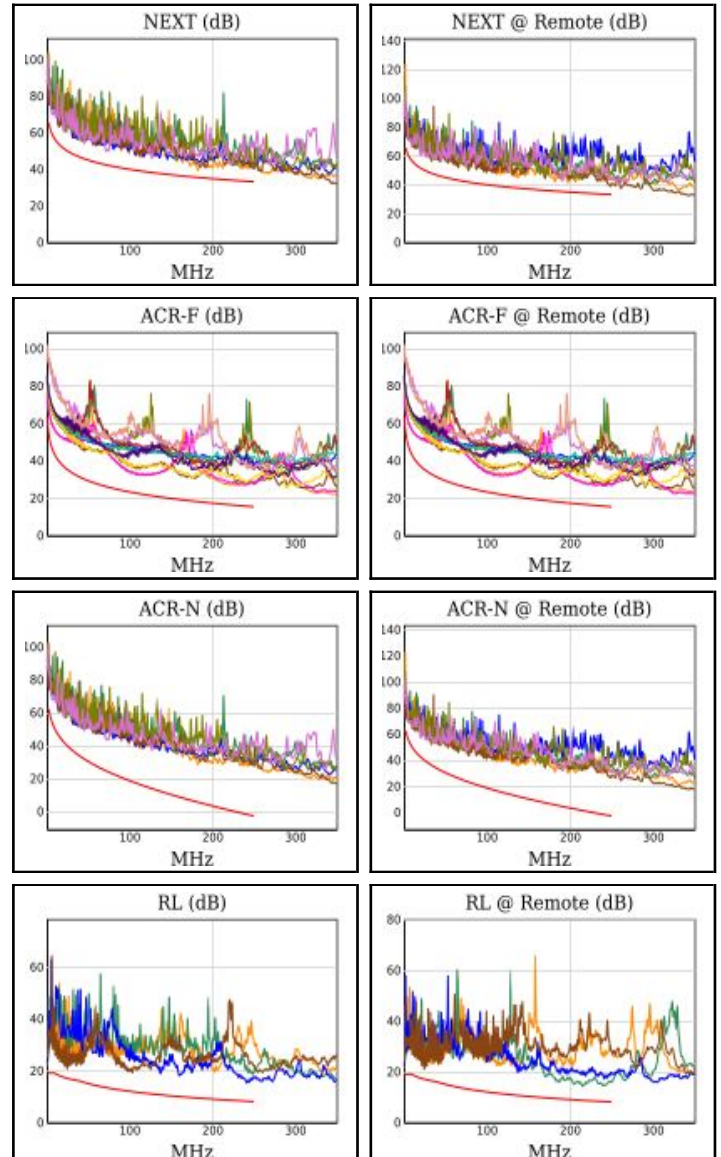
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-1,2	1,2-3,6	1,2-3,6	1,2-3,6
ACR-F (dB)	9.7	9.3	10.9	10.8
Freq. (MHz)	108.0	108.0	236.0	242.0
Limit (dB)	22.6	22.6	15.8	15.6
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	11.6	10.7	11.8	11.1
Freq. (MHz)	111.0	108.0	240.0	240.5
Limit (dB)	19.4	19.6	12.7	12.6

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	1,2-3,6	3,6-4,5
ACR-N (dB)	12.3	10.2	29.2	28.8
Freq. (MHz)	2.9	2.9	242.5	248.5
Limit (dB)	61.6	61.6	-2.0	-2.7
Worst Pair	7,8	4,5	3,6	3,6
PS ACR-N (dB)	14.0	12.8	29.2	29.7
Freq. (MHz)	6.4	3.0	249.5	249.0
Limit (dB)	52.2	58.5	-5.7	-5.7

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	4,5	3,6
RL (dB)	3.7	4.0	6.9	5.5
Freq. (MHz)	25.1	25.3	241.5	215.0
Limit (dB)	17.0	17.0	8.2	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		





Cable ID: 02-08-19

Test Summary: PASS

Date / Time: 08/08/2025 10:34:57 AM

Headroom: 4.6 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

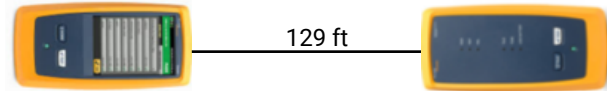
Main S/N: 1927404

Remote S/N: 1927408

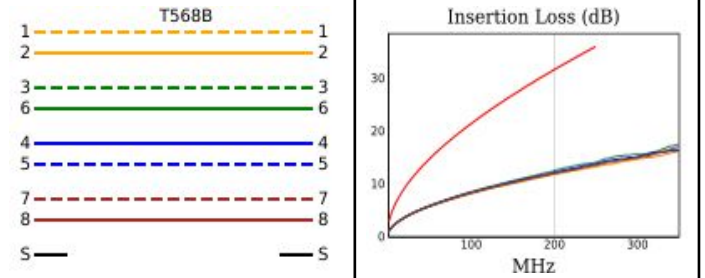
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 4,5]	129
Prop. Delay (ns), Limit 555	[Pair 7,8]	200
Delay Skew (ns), Limit 50	[Pair 7,8]	10
Resistance (ohms)	[Pair 3,6]	6.7
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	3,6-4,5	4,5-7,8	3,6-4,5	4,5-7,8
NEXT (dB)	4.7	4.6	4.7	4.6
Freq. (MHz)	244.0	244.0	244.0	244.0
Limit (dB)	33.3	33.3	33.3	33.3
Worst Pair	3,6	4,5	3,6	4,5
PS NEXT (dB)	5.2	5.4	5.2	5.4
Freq. (MHz)	238.0	244.0	238.0	244.0
Limit (dB)	30.5	30.3	30.5	30.3

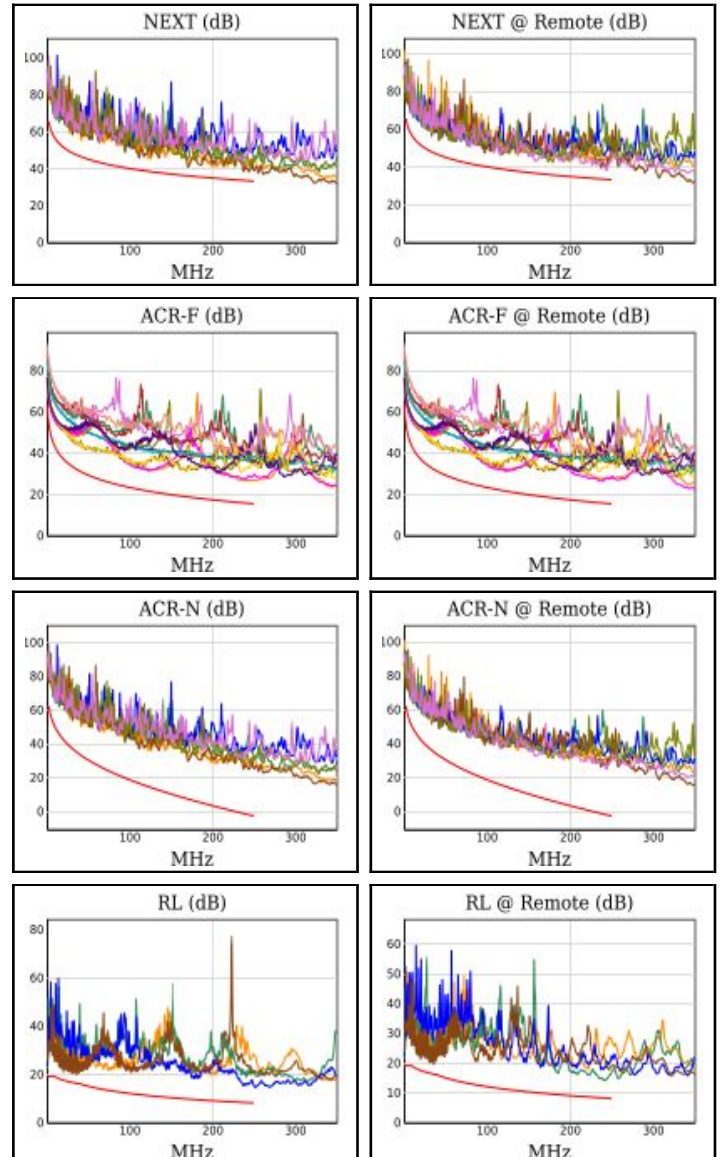
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-1,2	1,2-3,6	1,2-3,6	1,2-3,6
ACR-F (dB)	9.7	9.3	11.0	10.7
Freq. (MHz)	122.5	122.5	246.5	240.5
Limit (dB)	21.5	21.5	15.4	15.6
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	10.7	10.2	12.4	12.9
Freq. (MHz)	105.5	111.0	235.0	240.0
Limit (dB)	19.8	19.4	12.8	12.7

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	4,5-7,8
ACR-N (dB)	14.2	11.2	26.6	26.7
Freq. (MHz)	2.6	2.8	244.0	244.0
Limit (dB)	61.7	61.6	-2.1	-2.1
Worst Pair	3,6	3,6	3,6	4,5
PS ACR-N (dB)	14.7	13.0	27.0	27.3
Freq. (MHz)	3.3	2.6	244.0	244.0
Limit (dB)	58.4	58.7	-5.1	-5.1

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	4,5	3,6
RL (dB)	3.4	3.2	6.8	5.8
Freq. (MHz)	36.3	36.5	237.5	241.0
Limit (dB)	16.2	16.2	8.2	8.2

Compliant Network Standards:

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





Cable ID: 02-08-20

Date / Time: 08/08/2025 10:34:34 AM

Headroom: 3.5 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

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 4,5]	130
Prop. Delay (ns), Limit 555	[Pair 7,8]	202
Delay Skew (ns), Limit 50	[Pair 7,8]	11
Resistance (ohms)	[Pair 3,6]	6.7
Insertion Loss Margin (dB)	[Pair 3,6]	21.6
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-4,5	1,2-3,6	1,2-4,5
NEXT (dB)	4.3	3.5	4.3	3.5
Freq. (MHz)	234.0	243.5	234.0	243.5
Limit (dB)	33.6	33.3	33.6	33.3
Worst Pair	3,6	4,5	3,6	4,5
PS NEXT (dB)	4.8	4.4	4.8	4.4
Freq. (MHz)	232.5	245.0	232.5	245.0
Limit (dB)	30.7	30.3	30.7	30.3

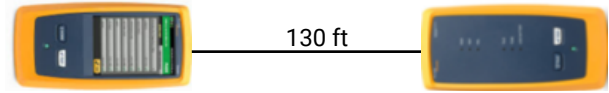
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	3,6-4,5	4,5-3,6
ACR-F (dB)	9.5	9.1	9.8	9.5
Freq. (MHz)	175.5	175.5	241.5	247.0
Limit (dB)	18.4	18.4	15.6	15.4
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	10.5	9.7	11.3	11.1
Freq. (MHz)	96.5	99.3	231.0	233.0
Limit (dB)	20.6	20.3	13.0	12.9

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	1,2-4,5	1,2-3,6	1,2-4,5
ACR-N (dB)	14.5	12.4	25.2	25.4
Freq. (MHz)	33.3	4.1	234.0	243.5
Limit (dB)	36.2	58.7	-1.0	-2.1
Worst Pair	4,5	4,5	3,6	4,5
PS ACR-N (dB)	14.6	13.5	27.3	26.3
Freq. (MHz)	4.8	4.8	250.0	245.0
Limit (dB)	54.9	54.9	-5.8	-5.2

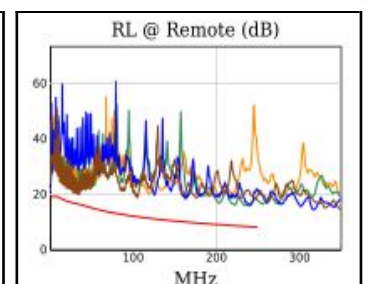
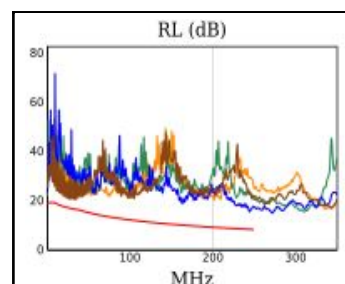
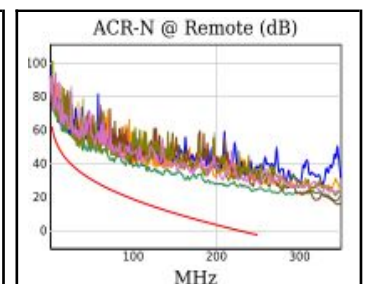
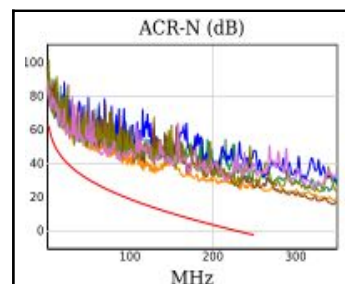
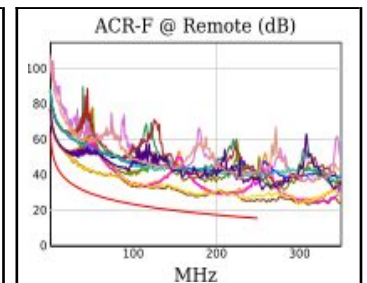
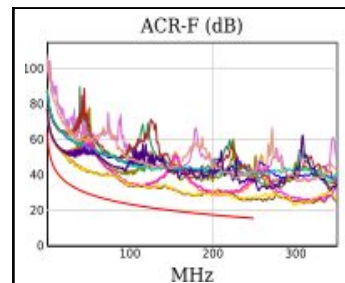
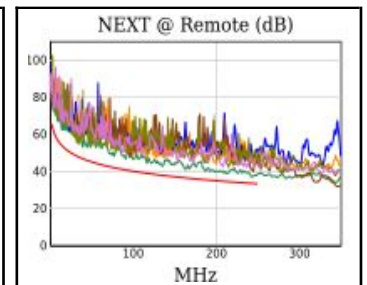
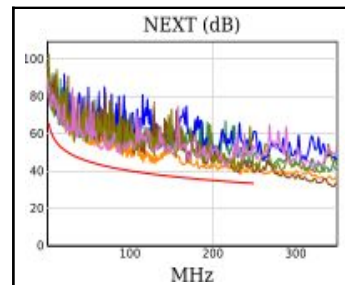
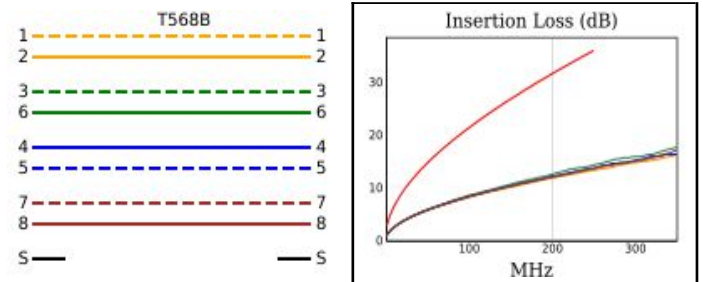
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	4,5	3,6
RL (dB)	3.5	3.4	7.2	7.5
Freq. (MHz)	28.1	36.0	245.0	241.0
Limit (dB)	16.8	16.2	8.1	8.2

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		



PASS





Cable ID: 02-08-21

Test Summary: PASS

Date / Time: 08/08/2025 10:35:19 AM

Headroom: 5.2 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

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 4,5]	129
Prop. Delay (ns), Limit 555	[Pair 7,8]	202
Delay Skew (ns), Limit 50	[Pair 7,8]	12
Resistance (ohms)	[Pair 3,6]	6.7
Insertion Loss Margin (dB)	[Pair 3,6]	21.8
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	1,2-3,6	1,2-7,8	3,6-4,5	1,2-7,8
NEXT (dB)	5.5	5.2	5.8	7.7
Freq. (MHz)	186.0	21.4	236.5	241.0
Limit (dB)	35.3	51.2	33.5	33.4
Worst Pair	3,6	7,8	3,6	1,2
PS NEXT (dB)	5.1	6.6	5.1	7.6
Freq. (MHz)	186.0	21.3	186.0	240.0
Limit (dB)	32.4	48.5	32.4	30.5

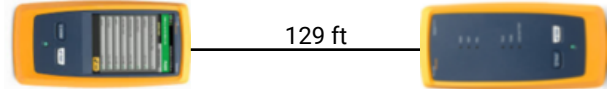
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-1,2	1,2-3,6	1,2-3,6	1,2-3,6
ACR-F (dB)	9.7	9.4	11.1	10.9
Freq. (MHz)	113.5	113.5	243.0	237.5
Limit (dB)	22.2	22.2	15.5	15.7
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	11.0	11.2	13.0	12.3
Freq. (MHz)	110.5	113.5	239.0	237.0
Limit (dB)	19.4	19.2	12.7	12.8

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	1,2-7,8
ACR-N (dB)	13.0	10.5	27.2	29.7
Freq. (MHz)	2.8	2.5	236.5	241.0
Limit (dB)	61.6	61.8	-1.3	-1.8
Worst Pair	7,8	7,8	3,6	1,2
PS ACR-N (dB)	13.1	12.3	28.1	29.7
Freq. (MHz)	5.0	21.3	236.5	240.0
Limit (dB)	54.5	39.2	-4.2	-4.6

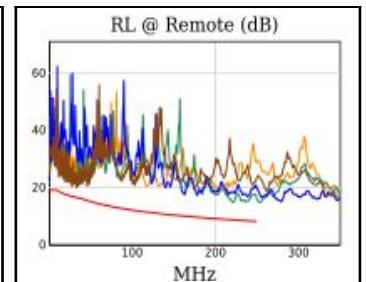
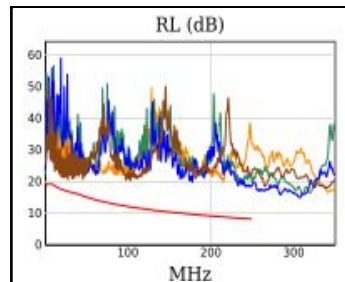
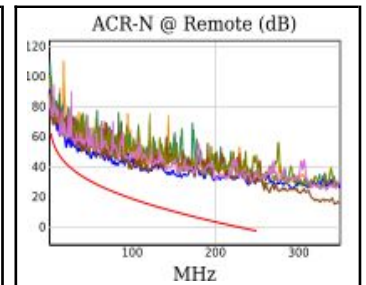
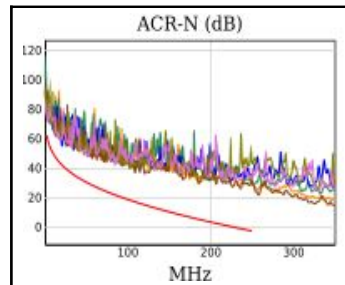
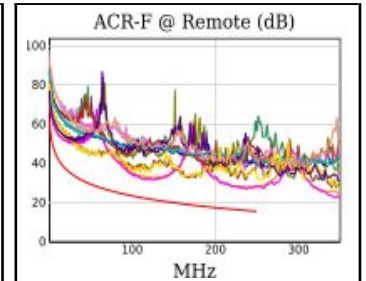
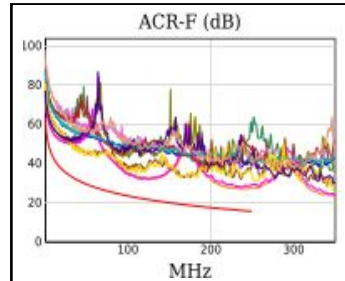
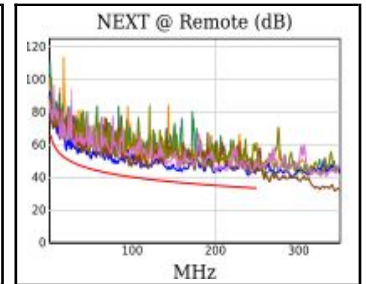
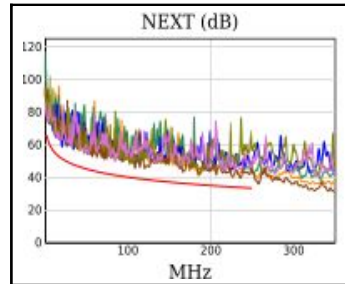
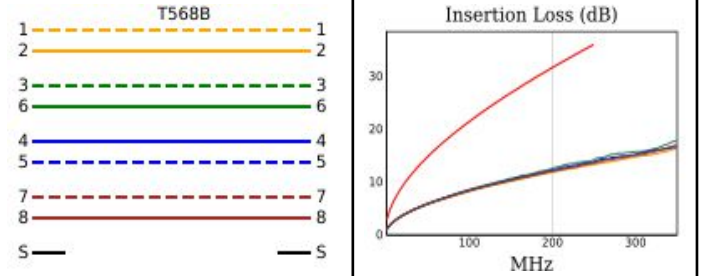
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	4,5	3,6
RL (dB)	3.7	3.4	9.9	6.1
Freq. (MHz)	28.4	33.5	248.0	222.5
Limit (dB)	16.7	16.4	8.1	8.5

Compliant Network Standards:

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



PASS





Cable ID: 02-08-22

Test Summary: PASS

Date / Time: 08/08/2025 01:43:15 PM

Headroom: 4.4 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

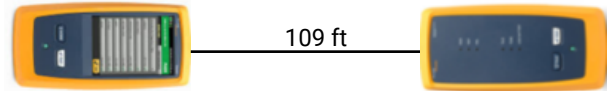
Main S/N: 1927404

Remote S/N: 1927408

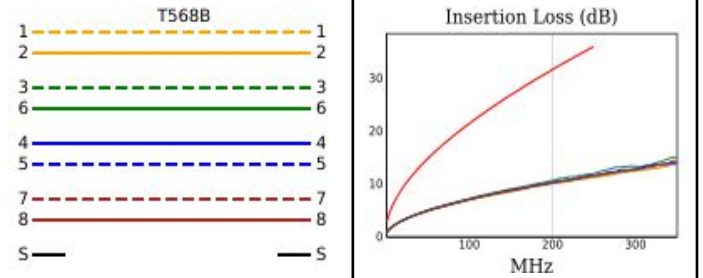
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 4,5]	109
Prop. Delay (ns), Limit 555	[Pair 7,8]	169
Delay Skew (ns), Limit 50	[Pair 7,8]	9
Resistance (ohms)	[Pair 3,6]	5.6
Insertion Loss Margin (dB)	[Pair 3,6]	24.0
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	4,5-7,8	3,6-4,5	1,2-3,6	3,6-4,5
NEXT (dB)	4.4	4.6	5.3	4.6
Freq. (MHz)	170.0	232.5	249.5	232.5
Limit (dB)	36.0	33.7	33.1	33.7
Worst Pair	4,5	3,6	3,6	3,6
PS NEXT (dB)	5.6	6.0	5.7	6.1
Freq. (MHz)	99.5	234.0	249.0	234.5
Limit (dB)	37.1	30.7	30.2	30.6

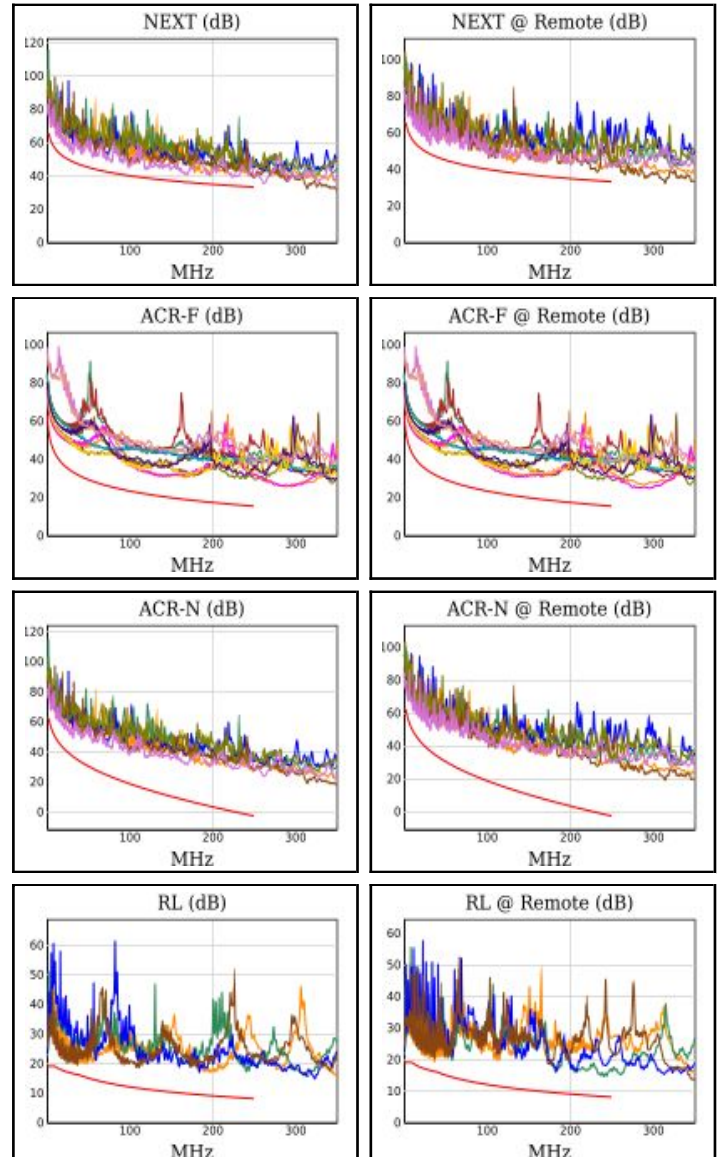
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-1,2	1,2-3,6	3,6-7,8	7,8-3,6
ACR-F (dB)	10.4	10.0	14.2	13.1
Freq. (MHz)	130.0	130.0	250.0	234.0
Limit (dB)	21.0	21.0	15.3	15.9
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	11.5	11.0	12.1	13.9
Freq. (MHz)	138.0	130.0	168.5	250.0
Limit (dB)	17.5	18.0	15.7	12.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	4,5-7,8	4,5-7,8	1,2-3,6	3,6-4,5
ACR-N (dB)	10.9	10.7	29.3	28.1
Freq. (MHz)	5.1	5.1	249.5	233.0
Limit (dB)	56.8	56.8	-2.8	-0.8
Worst Pair	4,5	4,5	3,6	3,6
PS ACR-N (dB)	12.2	11.4	29.8	29.1
Freq. (MHz)	5.5	5.1	249.5	234.5
Limit (dB)	53.6	54.2	-5.7	-4.0

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	1,2	1,2	3,6
RL (dB)	2.9	2.9	7.7	6.3
Freq. (MHz)	37.0	37.0	196.5	241.0
Limit (dB)	16.2	16.2	9.1	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: 02-08-23

Test Summary: PASS

Date / Time: 08/08/2025 01:32:01 PM

Headroom: 3.2 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

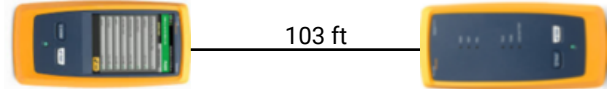
Main S/N: 1927404

Remote S/N: 1927408

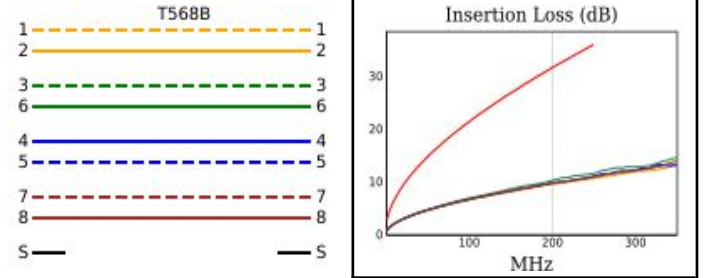
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 4,5]	103
Prop. Delay (ns), Limit 555	[Pair 7,8]	161
Delay Skew (ns), Limit 50	[Pair 7,8]	9
Resistance (ohms)	[Pair 3,6]	5.4
Insertion Loss Margin (dB)	[Pair 3,6]	24.4
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	1,2-3,6	3,6-4,5	1,2-3,6	3,6-4,5
NEXT (dB)	3.2	4.3	4.2	4.3
Freq. (MHz)	193.5	245.0	237.0	245.0
Limit (dB)	35.0	33.3	33.5	33.3
Worst Pair	3,6	3,6	1,2	3,6
PS NEXT (dB)	5.0	5.9	6.3	6.1
Freq. (MHz)	182.0	200.0	240.5	246.5
Limit (dB)	32.6	31.9	30.4	30.3

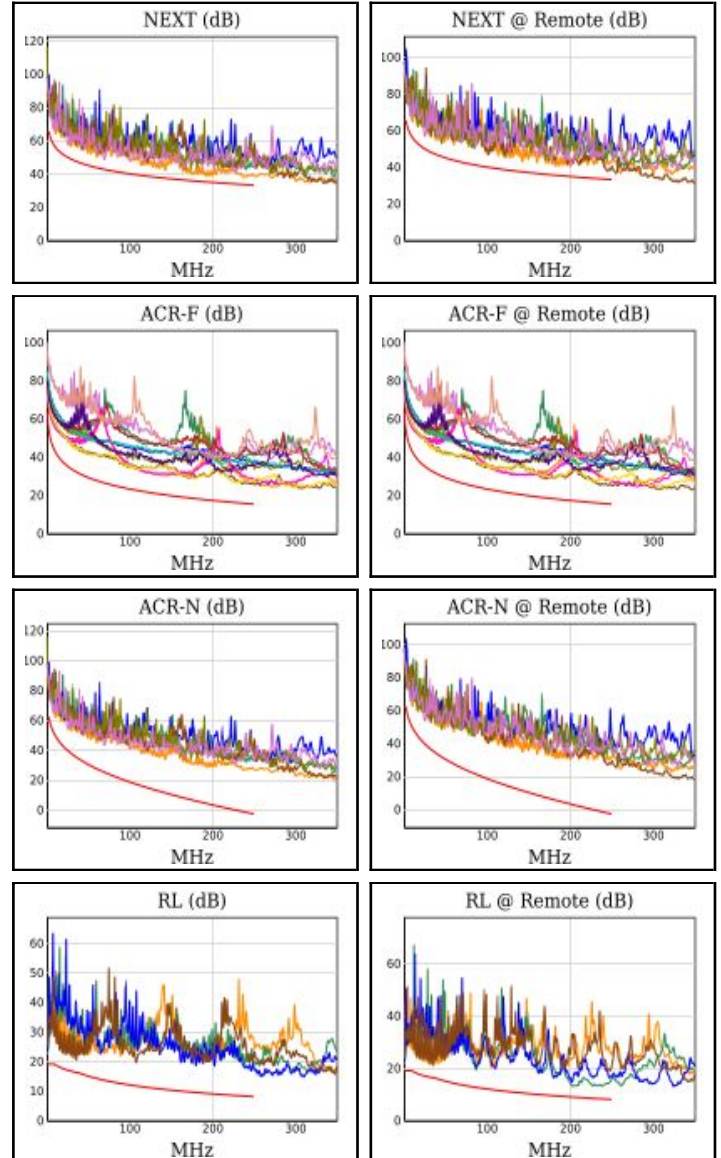
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	4,5-3,6	3,6-4,5	4,5-3,6
ACR-F (dB)	9.8	9.4	10.4	9.9
Freq. (MHz)	139.0	236.5	250.0	250.0
Limit (dB)	20.4	15.8	15.3	15.3
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	10.8	10.4	11.4	10.4
Freq. (MHz)	113.0	250.0	250.0	250.0
Limit (dB)	19.2	12.3	12.3	12.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	3,6-4,5
ACR-N (dB)	12.5	13.0	27.7	29.1
Freq. (MHz)	11.0	10.9	237.0	245.0
Limit (dB)	49.3	49.4	-1.3	-2.3
Worst Pair	4,5	3,6	3,6	3,6
PS ACR-N (dB)	14.1	13.8	29.7	30.4
Freq. (MHz)	8.5	3.8	237.0	246.5
Limit (dB)	49.3	57.1	-4.3	-5.4

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	3,6	4,5	3,6
RL (dB)	4.1	4.2	8.5	4.9
Freq. (MHz)	36.0	204.0	247.0	239.0
Limit (dB)	16.2	8.9	8.1	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: 02-08-24

Test Summary: PASS

Date / Time: 08/08/2025 01:29:40 PM

Headroom: 2.3 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

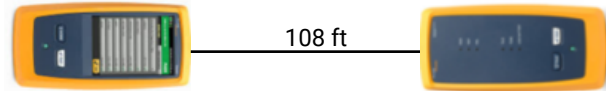
Main S/N: 1927404

Remote S/N: 1927408

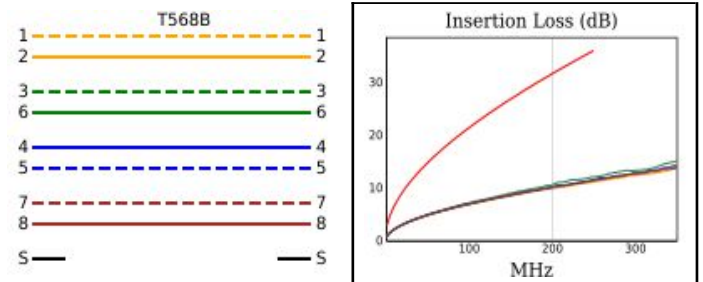
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 4,5]	108
Prop. Delay (ns), Limit 555	[Pair 7,8]	168
Delay Skew (ns), Limit 50	[Pair 7,8]	9
Resistance (ohms)	[Pair 3,6]	5.6
Insertion Loss Margin (dB)	[Pair 3,6]	23.9
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	4,5-7,8	1,2-3,6	3,6-4,5	1,2-3,6
NEXT (dB)	2.3	2.4	4.4	3.9
Freq. (MHz)	43.3	160.0	247.0	249.0
Limit (dB)	46.1	36.4	33.2	33.1
Worst Pair	4,5	1,2	3,6	1,2
PS NEXT (dB)	4.2	3.7	4.7	5.0
Freq. (MHz)	34.8	160.0	247.5	249.0
Limit (dB)	44.9	33.5	30.2	30.2

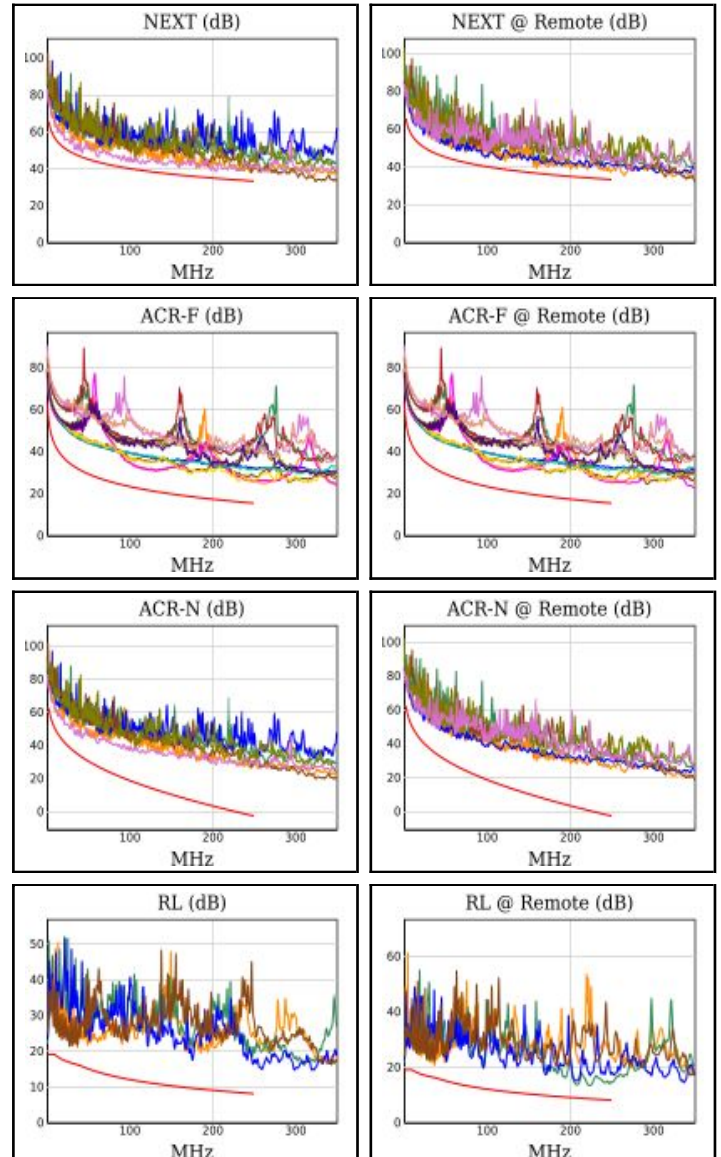
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	4,5-3,6	1,2-3,6
ACR-F (dB)	9.6	9.3	9.9	9.7
Freq. (MHz)	117.5	124.5	248.0	250.0
Limit (dB)	21.9	21.4	15.4	15.3
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	9.9	10.7	9.9	10.8
Freq. (MHz)	248.0	242.5	248.0	250.0
Limit (dB)	12.4	12.6	12.4	12.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	4,5-7,8	1,2-7,8	3,6-4,5	1,2-3,6
ACR-N (dB)	10.4	12.2	28.8	27.7
Freq. (MHz)	34.8	11.5	247.0	249.0
Limit (dB)	35.6	48.8	-2.5	-2.7
Worst Pair	4,5	7,8	3,6	1,2
PS ACR-N (dB)	12.3	12.2	28.4	29.8
Freq. (MHz)	34.8	14.3	247.5	249.0
Limit (dB)	32.9	43.9	-5.5	-5.7

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	4,5	3,6
RL (dB)	4.4	4.4	8.1	4.8
Freq. (MHz)	27.9	37.5	249.0	223.0
Limit (dB)	16.8	16.1	8.0	8.5

Compliant Network Standards:

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





Cable ID: 02-09-02

Test Summary: PASS

Date / Time: 10/14/2025 05:05:29 PM

Headroom: 2.9 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

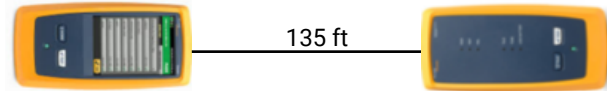
Main S/N: 1927404

Remote S/N: 1927408

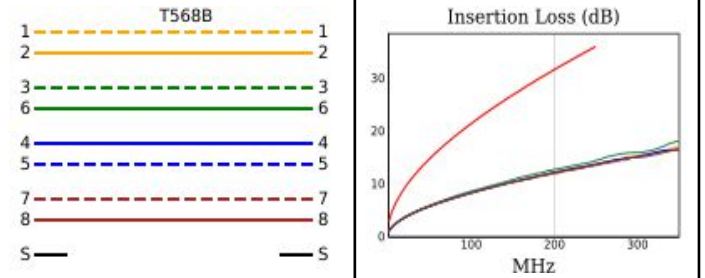
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 1,2]	135
Prop. Delay (ns), Limit 555	[Pair 4,5]	210
Delay Skew (ns), Limit 50	[Pair 4,5]	12
Resistance (ohms)	[Pair 7,8]	7.2
Insertion Loss Margin (dB)	[Pair 3,6]	21.5
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9



PASS



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-4,5	1,2-3,6	1,2-3,6
NEXT (dB)	2.9	3.4	2.9	5.2
Freq. (MHz)	245.0	79.8	245.0	243.0
Limit (dB)	33.3	41.6	33.3	33.3
Worst Pair	3,6	1,2	3,6	1,2
PS NEXT (dB)	4.6	5.8	4.6	5.8
Freq. (MHz)	245.0	243.0	245.0	243.0
Limit (dB)	30.3	30.4	30.3	30.4

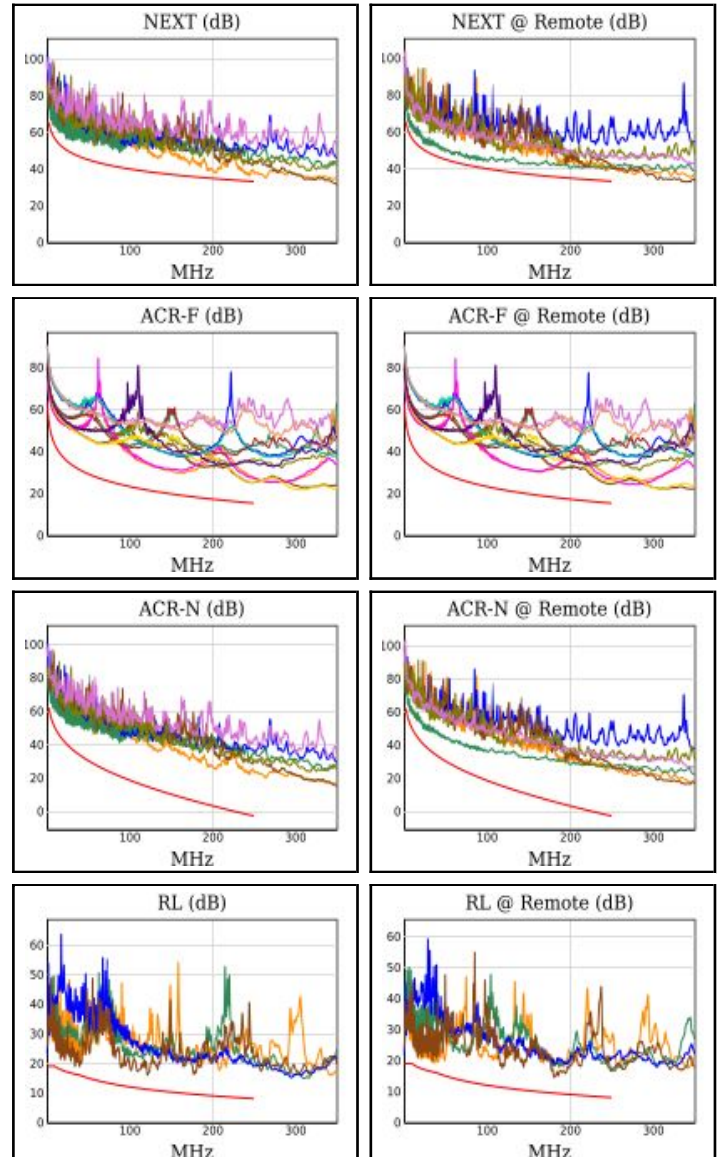
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	3,6-4,5	4,5-3,6
ACR-F (dB)	9.6	9.0	9.6	9.1
Freq. (MHz)	248.5	248.5	248.5	249.0
Limit (dB)	15.4	15.4	15.4	15.3
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	10.6	9.9	10.6	9.9
Freq. (MHz)	250.0	250.0	250.0	250.0
Limit (dB)	12.3	12.3	12.3	12.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-4,5	1,2-3,6	1,2-3,6
ACR-N (dB)	8.3	7.4	24.4	26.5
Freq. (MHz)	5.3	5.1	245.0	243.0
Limit (dB)	56.5	56.8	-2.3	-2.0
Worst Pair	4,5	4,5	3,6	1,2
PS ACR-N (dB)	10.2	9.2	26.0	27.7
Freq. (MHz)	5.3	5.1	245.0	243.0
Limit (dB)	54.0	54.2	-5.2	-5.0

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	7,8	7,8
RL (dB)	2.5	2.7	4.7	5.0
Freq. (MHz)	34.5	36.5	122.0	181.0
Limit (dB)	16.3	16.2	11.1	9.4

Compliant Network Standards:

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





Cable ID: 02-09-03

Test Summary: PASS

Date / Time: 10/14/2025 04:19:43 PM

Headroom: 3.1 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

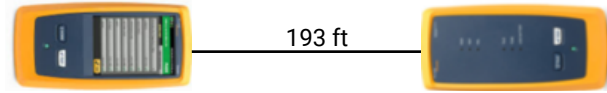
Main S/N: 1927404

Remote S/N: 1927408

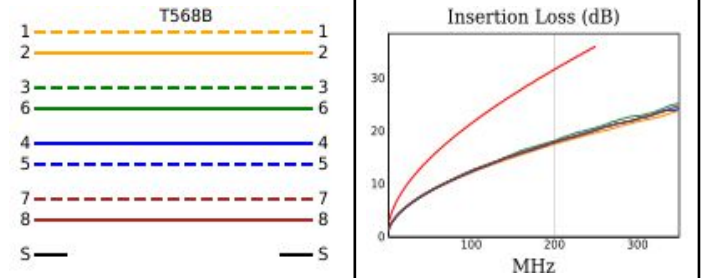
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 4,5]	193
Prop. Delay (ns), Limit 555	[Pair 7,8]	302
Delay Skew (ns), Limit 50	[Pair 7,8]	18
Resistance (ohms)	[Pair 7,8]	11.5
Insertion Loss Margin (dB)	[Pair 3,6]	15.4
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	1,2-3,6	1,2-4,5	1,2-3,6	1,2-4,5
NEXT (dB)	3.5	3.1	3.5	4.7
Freq. (MHz)	215.0	92.3	215.0	204.0
Limit (dB)	34.2	40.5	34.2	34.6
Worst Pair	3,6	4,5	3,6	3,6
PS NEXT (dB)	4.3	5.5	4.3	6.9
Freq. (MHz)	217.0	92.3	217.0	250.0
Limit (dB)	31.2	37.7	31.2	30.2

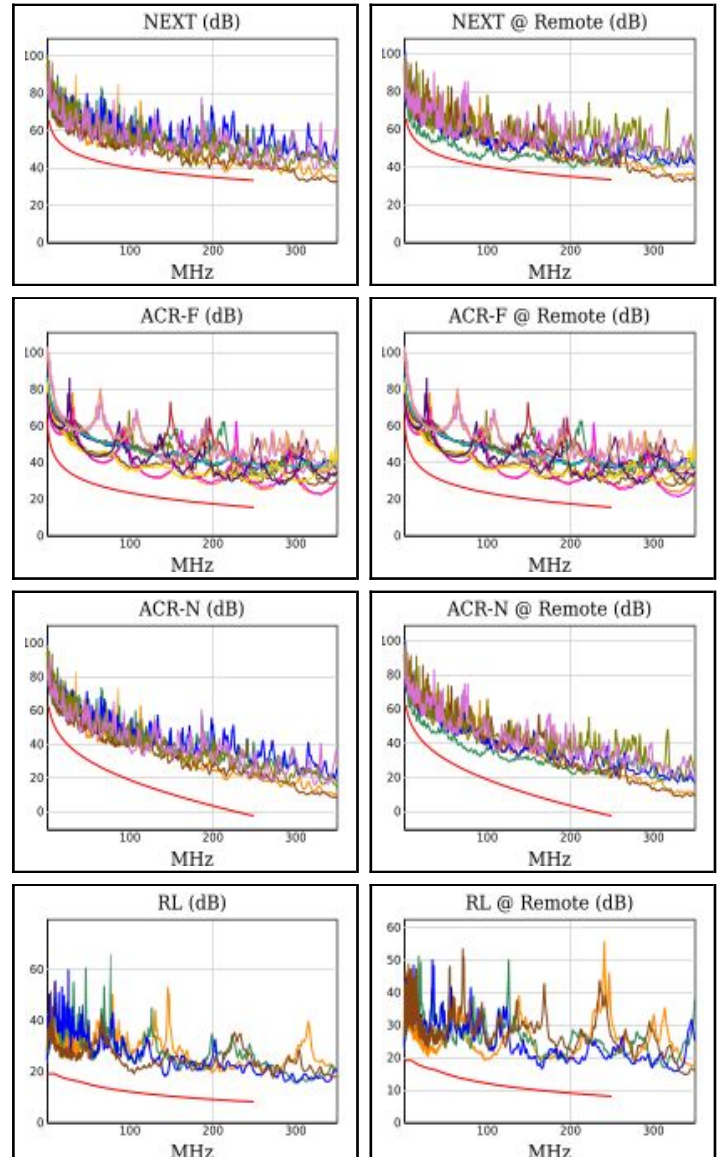
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-F (dB)	10.2	10.4	12.1	10.4
Freq. (MHz)	132.0	199.0	250.0	199.0
Limit (dB)	20.8	17.3	15.3	17.3
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	12.0	12.3	13.6	12.3
Freq. (MHz)	120.0	250.0	250.0	250.0
Limit (dB)	18.7	12.3	12.3	12.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-4,5	1,2-3,6	1,2-3,6
ACR-N (dB)	9.8	6.7	17.8	21.6
Freq. (MHz)	7.3	7.0	218.0	247.5
Limit (dB)	53.5	53.8	1.0	-2.5
Worst Pair	4,5	1,2	3,6	3,6
PS ACR-N (dB)	10.3	8.9	21.2	22.4
Freq. (MHz)	7.3	7.0	245.5	250.0
Limit (dB)	50.9	51.3	-5.3	-5.8

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	4,5	4,5
RL (dB)	7.2	3.5	7.5	6.6
Freq. (MHz)	106.0	29.0	143.0	166.5
Limit (dB)	11.7	16.7	10.4	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		





Cable ID: 02-09-04

Test Summary: PASS

Date / Time: 10/14/2025 05:02:19 PM

Headroom: 3.1 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

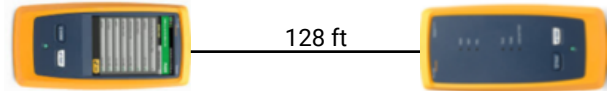
Main S/N: 1927404

Remote S/N: 1927408

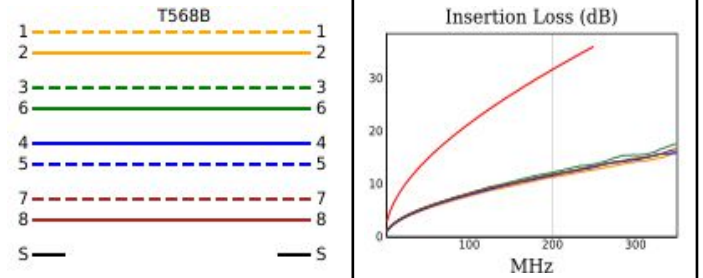
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 1,2]	128
Prop. Delay (ns), Limit 555	[Pair 3,6]	198
Delay Skew (ns), Limit 50	[Pair 3,6]	9
Resistance (ohms)	[Pair 7,8]	9.0
Insertion Loss Margin (dB)	[Pair 3,6]	22.3
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	1,2-3,6	3,6-7,8	1,2-3,6	3,6-7,8
NEXT (dB)	3.1	3.9	3.1	5.0
Freq. (MHz)	243.0	114.0	243.0	207.5
Limit (dB)	33.3	39.0	33.3	34.5
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	3.8	5.4	3.8	6.5
Freq. (MHz)	244.5	156.5	244.5	250.0
Limit (dB)	30.3	33.7	30.3	30.2

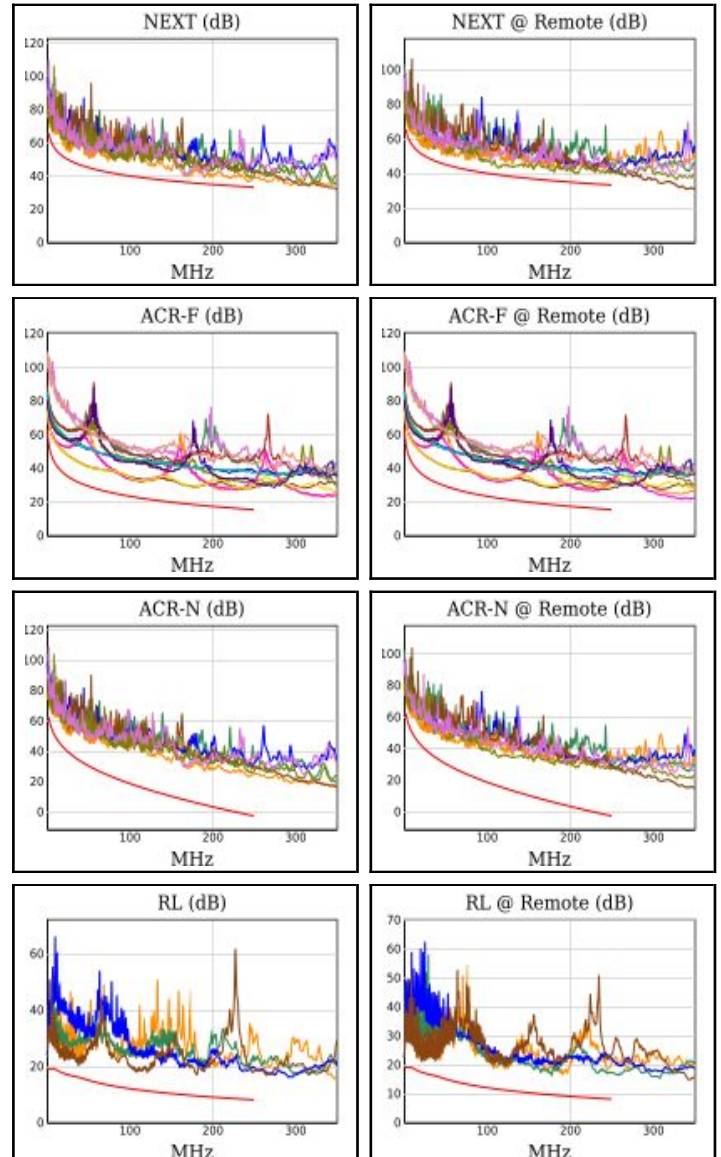
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-F (dB)	9.4	9.5	10.1	10.4
Freq. (MHz)	112.0	112.5	213.5	227.5
Limit (dB)	22.3	22.2	16.7	16.1
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	9.7	10.0	11.1	10.3
Freq. (MHz)	112.0	116.0	231.0	235.0
Limit (dB)	19.3	19.0	13.0	12.8

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	3,6-7,8
ACR-N (dB)	9.3	7.7	24.9	29.3
Freq. (MHz)	4.4	4.5	243.0	249.0
Limit (dB)	58.2	58.0	-2.0	-2.7
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	9.5	8.1	25.8	28.9
Freq. (MHz)	4.4	4.6	244.5	250.0
Limit (dB)	55.7	55.2	-5.2	-5.8

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	7,8	3,6
RL (dB)	4.0	3.8	7.4	6.6
Freq. (MHz)	38.5	22.0	181.5	178.0
Limit (dB)	16.1	17.3	9.4	9.5

Compliant Network Standards:

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





Cable ID: 02-09-05

Test Summary: PASS

Date / Time: 10/14/2025 03:28:42 PM

Headroom: 1.9 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

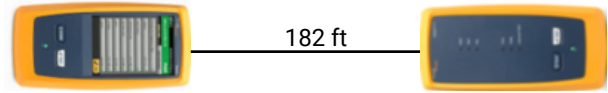
Main S/N: 1927404

Remote S/N: 1927408

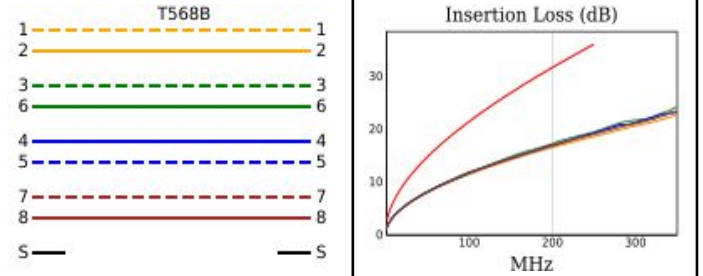
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 4,5]	182
Prop. Delay (ns), Limit 555	[Pair 7,8]	286
Delay Skew (ns), Limit 50	[Pair 7,8]	17
Resistance (ohms)	[Pair 3,6]	9.8
Insertion Loss Margin (dB)	[Pair 3,6]	16.6
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9



PASS



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	1,2-3,6	3,6-4,5	1,2-3,6
NEXT (dB)	1.9	5.0	2.0	5.0
Freq. (MHz)	245.5	248.0	247.5	248.0
Limit (dB)	33.3	33.2	33.2	33.2
Worst Pair	4,5	1,2	4,5	1,2
PS NEXT (dB)	3.8	7.2	3.8	7.2
Freq. (MHz)	245.5	248.0	245.5	248.0
Limit (dB)	30.3	30.2	30.3	30.2

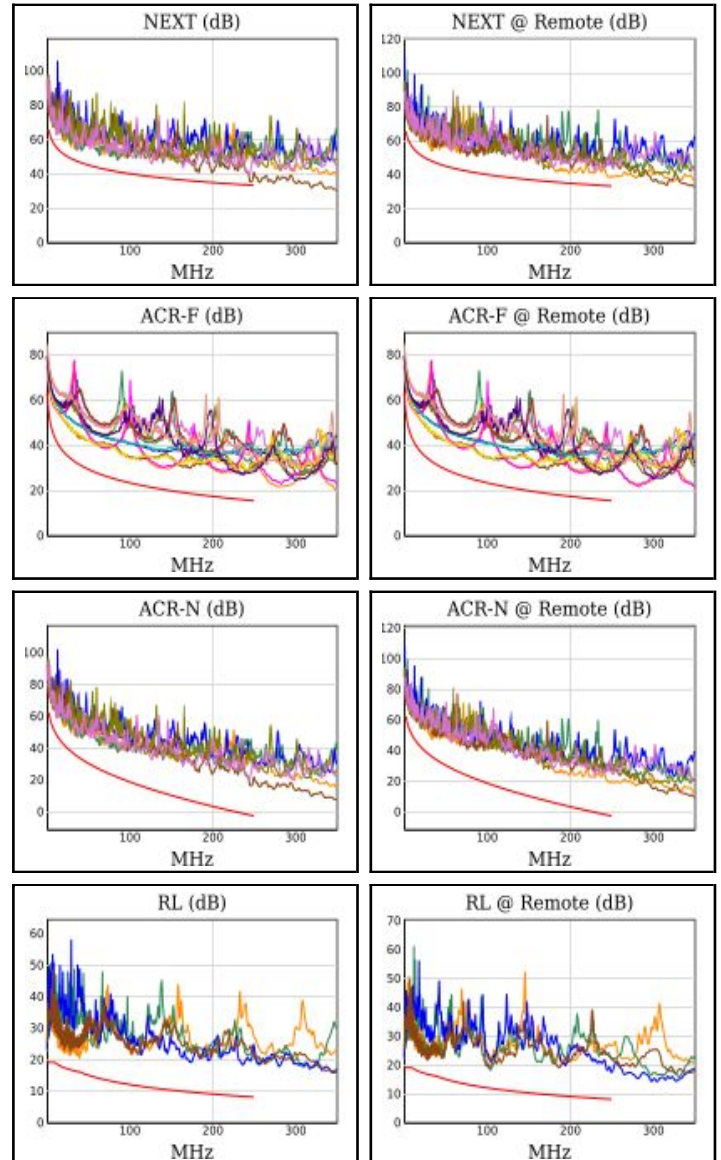
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	3,6-4,5	4,5-3,6
ACR-F (dB)	9.2	9.3	11.1	10.8
Freq. (MHz)	139.0	142.0	236.0	236.0
Limit (dB)	20.4	20.2	15.8	15.8
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	10.7	11.1	11.2	11.7
Freq. (MHz)	135.0	136.5	230.0	236.0
Limit (dB)	17.7	17.6	13.0	12.8

N/A	MAIN	SR	MAIN	SR
Worst Pair	4,5-7,8	3,6-7,8	3,6-4,5	1,2-3,6
ACR-N (dB)	10.4	10.2	18.6	21.7
Freq. (MHz)	12.3	7.4	247.5	248.5
Limit (dB)	48.1	53.3	-2.5	-2.7
Worst Pair	3,6	3,6	4,5	3,6
PS ACR-N (dB)	10.7	10.2	20.4	23.7
Freq. (MHz)	4.9	4.6	245.5	246.5
Limit (dB)	54.7	55.2	-5.3	-5.4

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	7,8	4,5	4,5
RL (dB)	4.3	4.8	9.9	9.3
Freq. (MHz)	40.0	28.8	237.0	250.0
Limit (dB)	16.0	16.7	8.3	8.0

Compliant Network Standards:

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





Cable ID: 02-09-06

Test Summary: PASS

Date / Time: 10/14/2025 04:13:39 PM

Headroom: 3 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

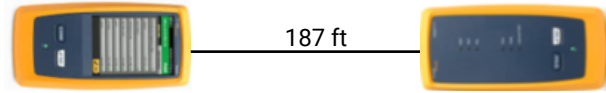
Main S/N: 1927404

Remote S/N: 1927408

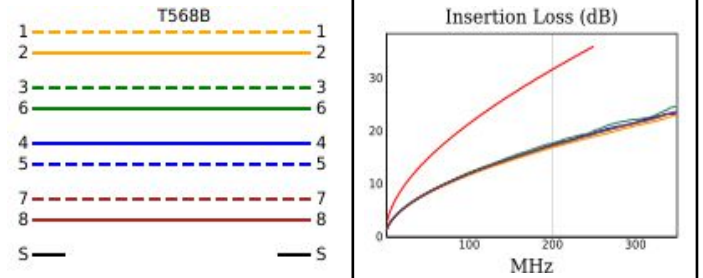
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 4,5]	187
Prop. Delay (ns), Limit 555	[Pair 7,8]	292
Delay Skew (ns), Limit 50	[Pair 7,8]	17
Resistance (ohms)	[Pair 7,8]	10.6
Insertion Loss Margin (dB)	[Pair 3,6]	16.0
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9



PASS



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	3,6-4,5
NEXT (dB)	3.0	4.6	3.0	4.6
Freq. (MHz)	236.0	245.5	236.0	245.5
Limit (dB)	33.5	33.3	33.5	33.3
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	4.6	6.5	4.6	6.5
Freq. (MHz)	236.0	245.0	236.0	245.0
Limit (dB)	30.6	30.3	30.6	30.3

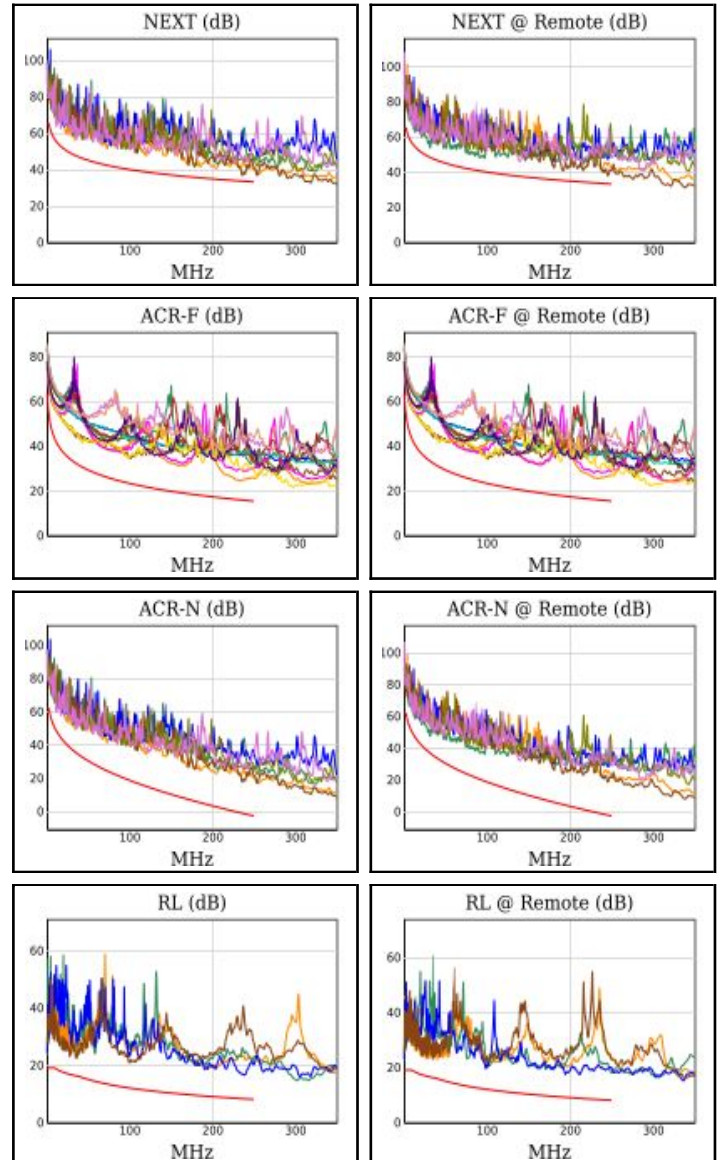
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-1,2	1,2-3,6	3,6-1,2
ACR-F (dB)	8.4	9.4	8.4	9.4
Freq. (MHz)	234.0	234.5	234.0	234.5
Limit (dB)	15.9	15.9	15.9	15.9
Worst Pair	3,6	3,6	3,6	1,2
PS ACR-F (dB)	10.3	11.6	10.3	11.9
Freq. (MHz)	234.0	1.0	234.0	234.5
Limit (dB)	12.9	60.3	12.9	12.9

N/A	MAIN	SR	MAIN	SR
Worst Pair	4,5-7,8	1,2-4,5	3,6-4,5	3,6-4,5
ACR-N (dB)	11.4	10.3	18.6	20.9
Freq. (MHz)	12.1	32.0	236.0	245.5
Limit (dB)	48.2	36.7	-1.2	-2.3
Worst Pair	7,8	4,5	3,6	3,6
PS ACR-N (dB)	12.9	11.7	20.1	22.4
Freq. (MHz)	11.8	32.0	236.0	245.0
Limit (dB)	46.0	34.0	-4.1	-5.2

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	4,5	4,5
RL (dB)	6.1	6.4	8.3	8.6
Freq. (MHz)	35.3	28.4	239.5	212.0
Limit (dB)	16.3	16.7	8.2	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		





Cable ID: 02-09-07

Test Summary: PASS

Date / Time: 10/14/2025 04:14:30 PM

Headroom: 1.7 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

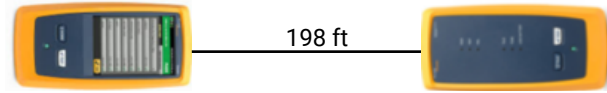
Main S/N: 1927404

Remote S/N: 1927408

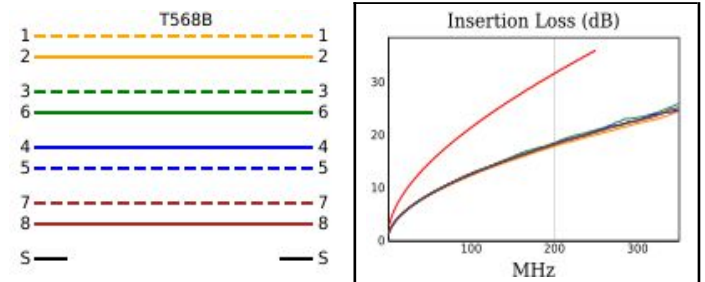
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 4,5]	198
Prop. Delay (ns), Limit 555	[Pair 7,8]	309
Delay Skew (ns), Limit 50	[Pair 7,8]	18
Resistance (ohms)	[Pair 3,6]	10.7
Insertion Loss Margin (dB)	[Pair 3,6]	15.0
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	1,2-3,6	1,2-3,6	1,2-3,6	3,6-4,5
NEXT (dB)	2.2	1.7	4.2	4.3
Freq. (MHz)	174.0	15.1	246.5	242.5
Limit (dB)	35.8	53.6	33.2	33.3
Worst Pair	3,6	3,6	3,6	1,2
PS NEXT (dB)	3.9	3.9	4.5	5.8
Freq. (MHz)	174.5	15.1	247.0	250.0
Limit (dB)	32.9	51.0	30.2	30.2

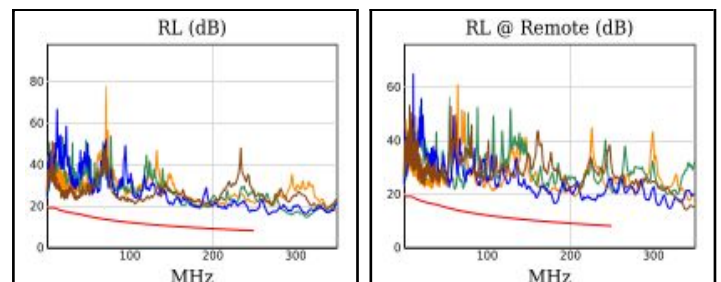
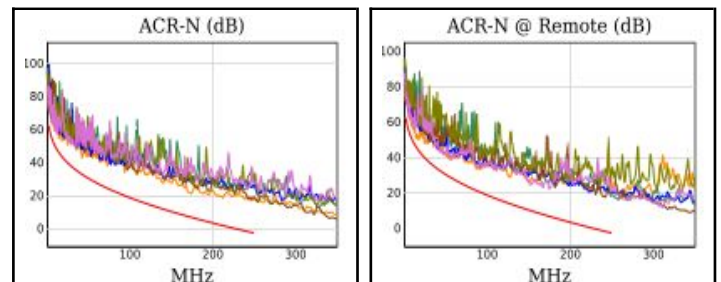
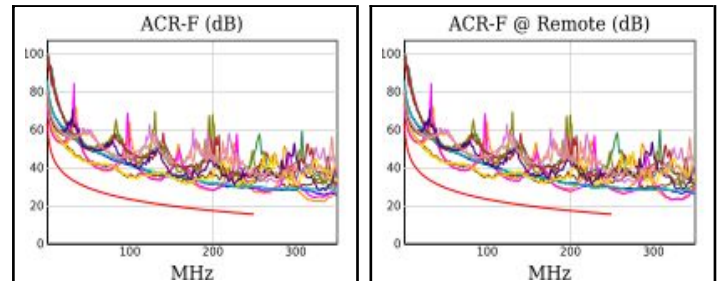
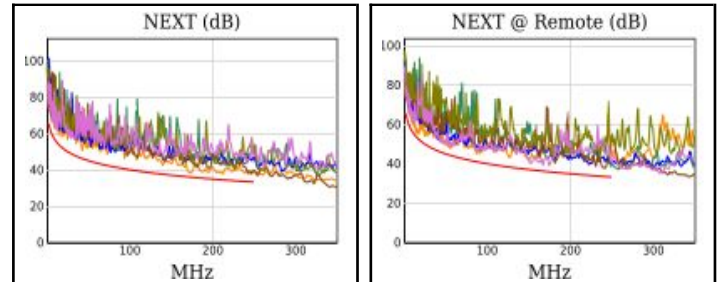
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-F (dB)	10.5	10.0	12.0	10.1
Freq. (MHz)	199.5	199.5	250.0	200.5
Limit (dB)	17.3	17.3	15.3	17.2
Worst Pair	3,6	3,6	1,2	1,2
PS ACR-F (dB)	11.2	11.5	14.0	13.4
Freq. (MHz)	1.3	1.1	249.5	250.0
Limit (dB)	58.3	59.2	12.3	12.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	3,6-4,5
ACR-N (dB)	8.3	4.8	19.3	19.4
Freq. (MHz)	14.9	14.9	247.0	243.0
Limit (dB)	46.0	46.0	-2.5	-2.0
Worst Pair	1,2	3,6	3,6	4,5
PS ACR-N (dB)	9.3	7.1	19.4	21.5
Freq. (MHz)	5.9	15.1	247.0	249.5
Limit (dB)	53.0	43.2	-5.4	-5.7

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	4,5	4,5
RL (dB)	5.8	5.5	8.9	7.0
Freq. (MHz)	21.4	33.3	245.5	181.5
Limit (dB)	17.4	16.4	8.1	9.4

Compliant Network Standards:

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





Cable ID: 02-09-08

Test Summary: PASS

Date / Time: 10/14/2025 04:25:19 PM

Headroom: 3.7 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

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 1,2]	197
Prop. Delay (ns), Limit 555	[Pair 3,6]	305
Delay Skew (ns), Limit 50	[Pair 3,6]	15
Resistance (ohms)	[Pair 7,8]	10.7
Insertion Loss Margin (dB)	[Pair 3,6]	15.3
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-7,8	1,2-3,6	1,2-3,6
NEXT (dB)	3.7	5.2	3.7	5.7
Freq. (MHz)	245.0	137.5	245.0	248.0
Limit (dB)	33.3	37.6	33.3	33.2
Worst Pair	3,6	1,2	3,6	1,2
PS NEXT (dB)	5.6	5.9	5.6	5.9
Freq. (MHz)	245.0	248.5	245.0	248.5
Limit (dB)	30.3	30.2	30.3	30.2

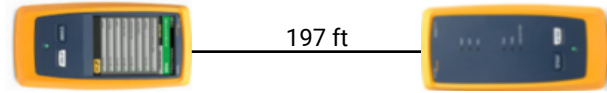
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	3,6-4,5	4,5-3,6	3,6-4,5
ACR-F (dB)	11.5	11.9	11.5	11.9
Freq. (MHz)	241.5	241.5	241.5	241.5
Limit (dB)	15.6	15.6	15.6	15.6
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	12.6	12.7	12.7	14.6
Freq. (MHz)	1.3	1.1	241.5	250.0
Limit (dB)	58.3	59.2	12.6	12.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-7,8	1,2-3,6	1,2-3,6
ACR-N (dB)	11.7	11.0	19.0	21.0
Freq. (MHz)	5.4	10.4	245.0	248.0
Limit (dB)	56.3	49.9	-2.3	-2.6
Worst Pair	4,5	1,2	3,6	3,6
PS ACR-N (dB)	12.0	11.0	20.8	21.8
Freq. (MHz)	6.0	6.4	245.0	248.0
Limit (dB)	52.8	52.2	-5.2	-5.6

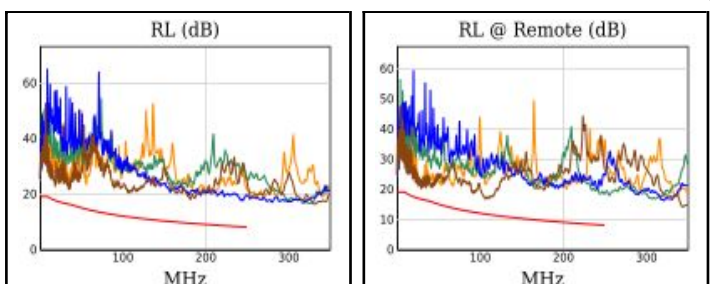
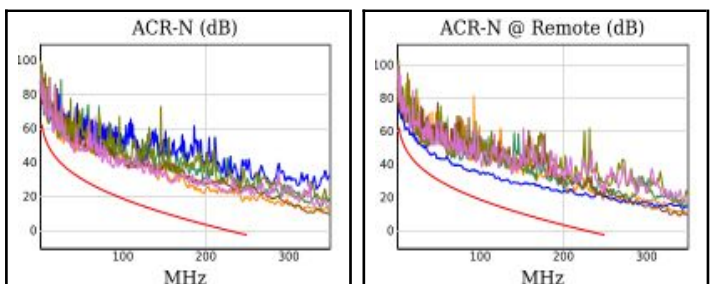
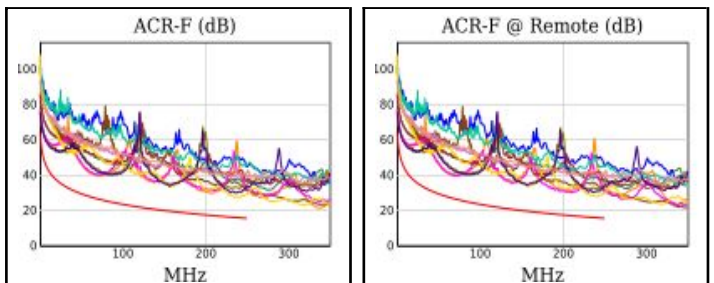
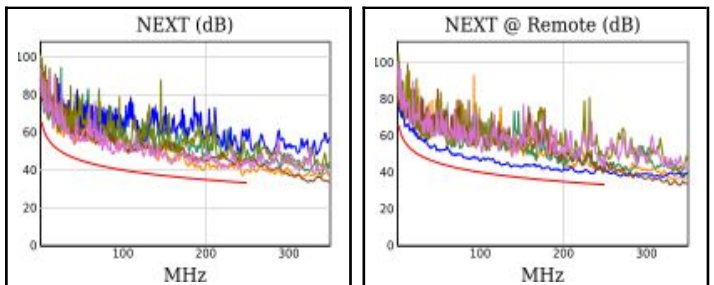
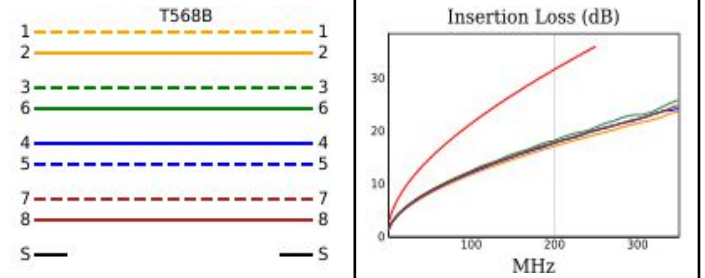
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	4,5	7,8
RL (dB)	5.1	3.5	9.3	5.2
Freq. (MHz)	35.3	30.0	245.5	111.5
Limit (dB)	16.3	16.6	8.1	11.5

Compliant Network Standards:

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



PASS





Cable ID: 02-09-09

Test Summary: PASS

Date / Time: 10/14/2025 04:15:49 PM

Headroom: 6.8 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

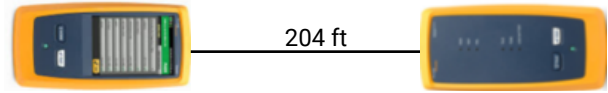
Main S/N: 1927404

Remote S/N: 1927408

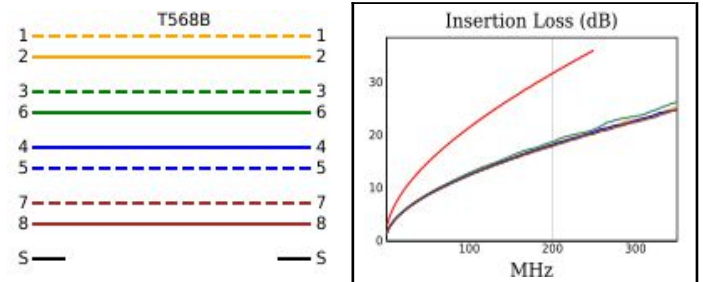
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 1,2]	204
Prop. Delay (ns), Limit 555	[Pair 4,5]	319
Delay Skew (ns), Limit 50	[Pair 4,5]	18
Resistance (ohms)	[Pair 3,6]	10.0
Insertion Loss Margin (dB)	[Pair 3,6]	15.0
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	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
NEXT (dB)	7.2	6.8	7.2	7.8
Freq. (MHz)	214.5	203.5	214.5	241.0
Limit (dB)	34.3	34.7	34.3	33.4
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	7.2	5.8	7.2	6.8
Freq. (MHz)	243.5	203.5	243.5	247.5
Limit (dB)	30.4	31.7	30.4	30.2

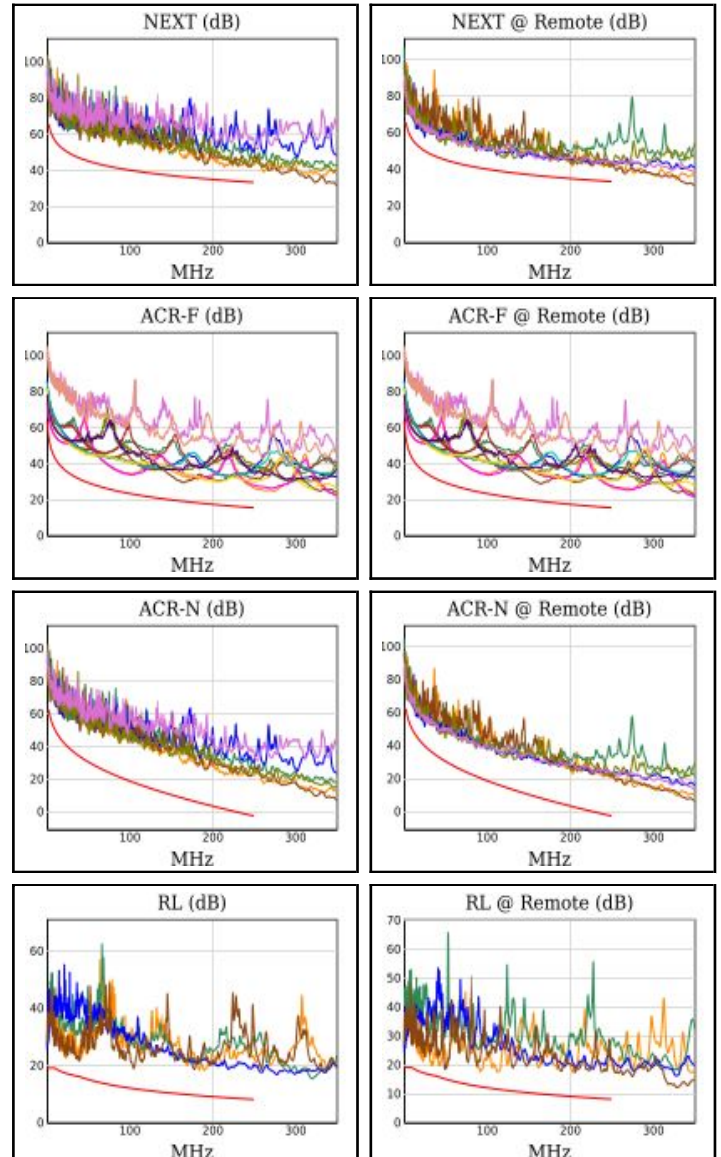
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	1,2-3,6	3,6-1,2
ACR-F (dB)	10.3	9.7	11.2	11.5
Freq. (MHz)	164.0	166.0	250.0	250.0
Limit (dB)	19.0	18.9	15.3	15.3
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	11.7	10.8	12.2	13.5
Freq. (MHz)	1.4	164.5	250.0	250.0
Limit (dB)	57.5	15.9	12.3	12.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	1,2-3,6	1,2-3,6
ACR-N (dB)	9.1	9.5	23.3	23.5
Freq. (MHz)	4.5	4.5	244.0	250.0
Limit (dB)	58.0	58.0	-2.1	-2.8
Worst Pair	4,5	4,5	3,6	3,6
PS ACR-N (dB)	10.9	10.7	22.0	21.7
Freq. (MHz)	4.5	4.5	243.5	247.5
Limit (dB)	55.4	55.4	-5.0	-5.5

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	1,2	1,2	1,2
RL (dB)	5.2	3.0	9.0	8.3
Freq. (MHz)	23.8	34.0	190.5	204.0
Limit (dB)	17.1	16.3	9.2	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: 02-09-10

Date / Time: 10/14/2025 04:35:47 PM

Headroom: 2.3 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

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 4,5]	108
Prop. Delay (ns), Limit 555	[Pair 7,8]	168
Delay Skew (ns), Limit 50	[Pair 7,8]	9
Resistance (ohms)	[Pair 7,8]	7.3
Insertion Loss Margin (dB)	[Pair 3,6]	24.1
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	3,6-4,5	3,6-4,5
NEXT (dB)	2.3	3.5	3.2	4.1
Freq. (MHz)	198.0	214.5	239.5	250.0
Limit (dB)	34.9	34.3	33.4	33.1
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	2.5	5.1	3.2	5.1
Freq. (MHz)	198.0	250.0	239.0	250.0
Limit (dB)	31.9	30.2	30.5	30.2

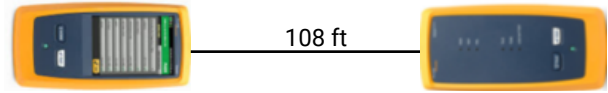
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	4,5-3,6	1,2-3,6	4,5-3,6
ACR-F (dB)	9.6	9.5	9.6	9.6
Freq. (MHz)	250.0	231.5	250.0	232.0
Limit (dB)	15.3	16.0	15.3	15.9
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	10.3	10.2	10.3	10.4
Freq. (MHz)	245.0	242.5	245.0	246.0
Limit (dB)	12.5	12.6	12.5	12.4

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	3,6-4,5
ACR-N (dB)	10.4	11.8	26.9	28.6
Freq. (MHz)	7.0	7.0	238.5	250.0
Limit (dB)	53.8	53.8	-1.5	-2.8
Worst Pair	1,2	3,6	3,6	3,6
PS ACR-N (dB)	11.7	12.8	26.7	29.3
Freq. (MHz)	6.6	7.0	239.0	250.0
Limit (dB)	51.8	51.3	-4.5	-5.8

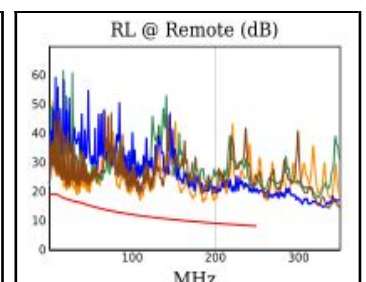
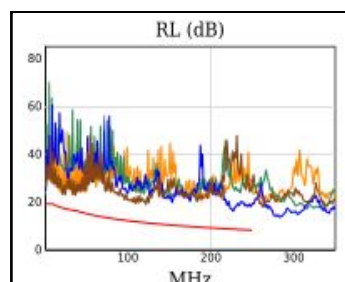
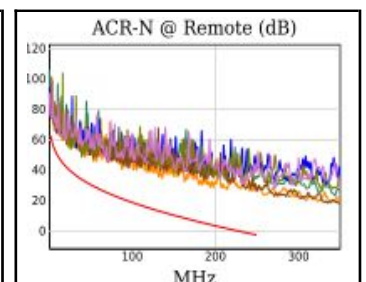
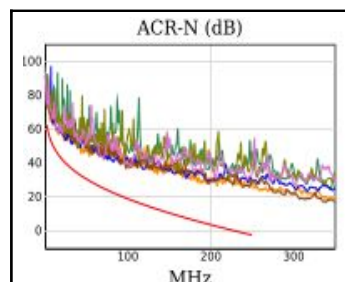
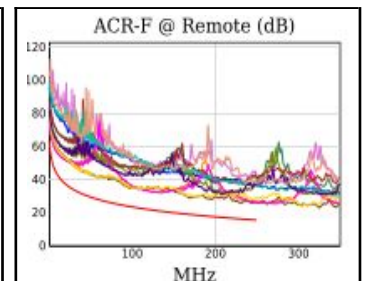
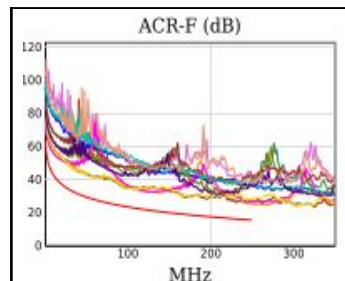
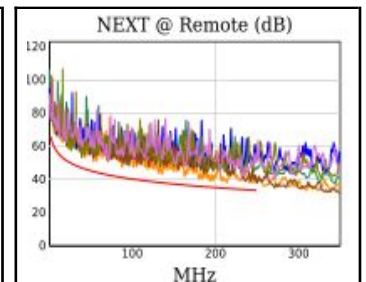
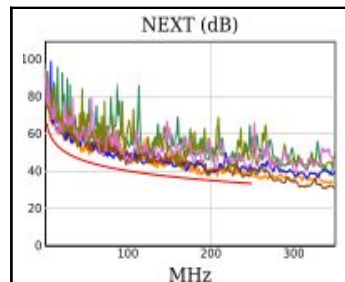
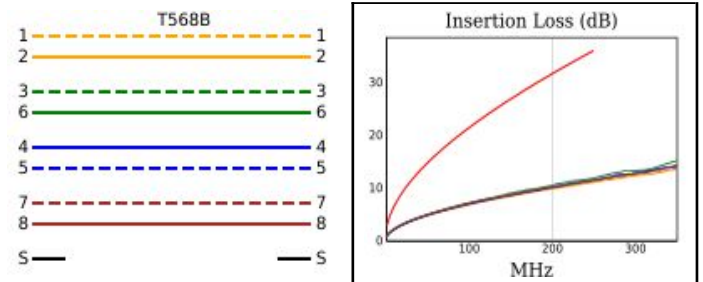
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	4,5	1,2
RL (dB)	5.8	2.3	7.5	6.9
Freq. (MHz)	25.0	34.5	227.5	186.0
Limit (dB)	17.0	16.3	8.4	9.3

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: 02-09-11

Test Summary: PASS

Date / Time: 08/08/2025 10:11:56 AM

Headroom: 2.6 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

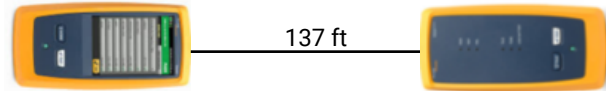
Main S/N: 1927404

Remote S/N: 1927408

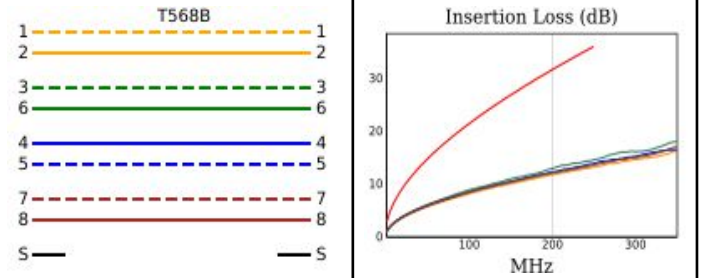
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 1,2]	137
Prop. Delay (ns), Limit 555	[Pair 3,6]	212
Delay Skew (ns), Limit 50	[Pair 3,6]	10
Resistance (ohms)	[Pair 3,6]	7.0
Insertion Loss Margin (dB)	[Pair 3,6]	21.4
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	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
NEXT (dB)	2.6	4.1	2.6	4.3
Freq. (MHz)	195.0	194.5	195.0	231.0
Limit (dB)	35.0	35.0	35.0	33.7
Worst Pair	3,6	1,2	3,6	1,2
PS NEXT (dB)	3.9	4.9	3.9	5.1
Freq. (MHz)	231.0	231.5	231.0	248.0
Limit (dB)	30.8	30.7	30.8	30.2

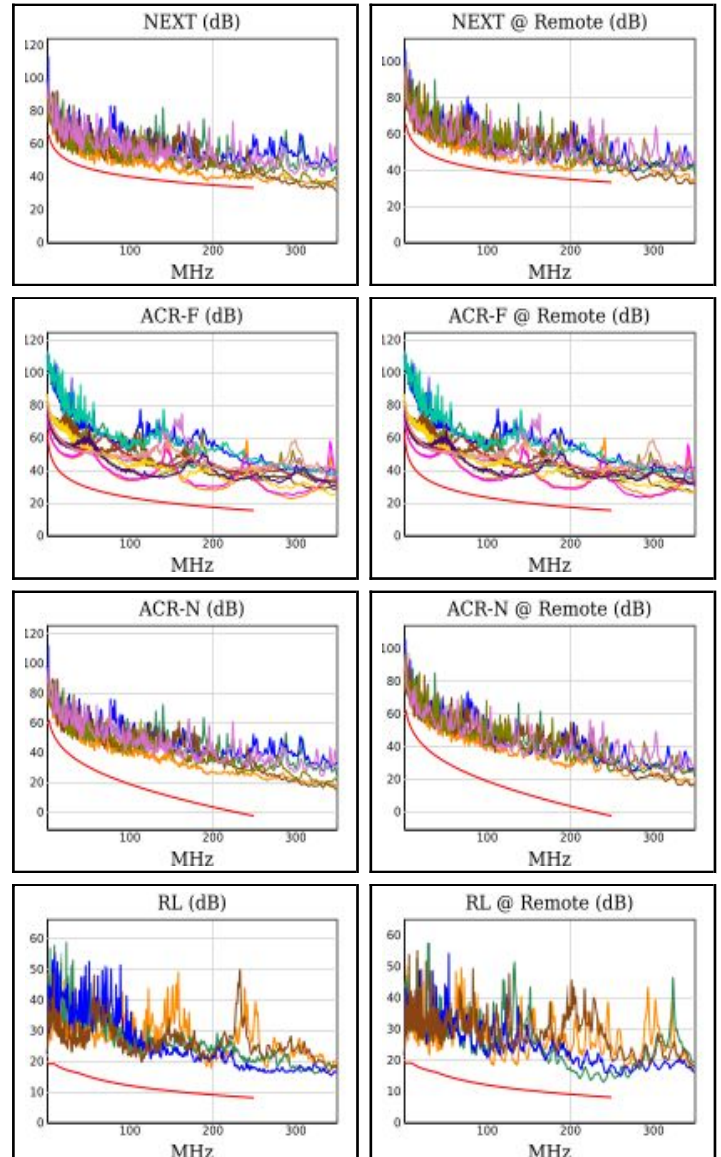
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-F (dB)	9.9	10.0	10.5	11.5
Freq. (MHz)	96.5	101.5	202.0	208.0
Limit (dB)	23.6	23.1	17.1	16.9
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	11.3	12.0	13.5	13.1
Freq. (MHz)	96.0	101.5	216.5	208.5
Limit (dB)	20.6	20.1	13.5	13.9

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)	9.6	10.1	26.6	24.7
Freq. (MHz)	12.9	12.8	247.0	231.0
Limit (dB)	47.6	47.7	-2.5	-0.6
Worst Pair	3,6	3,6	3,6	1,2
PS ACR-N (dB)	9.8	10.3	24.3	27.8
Freq. (MHz)	13.0	13.1	231.0	248.0
Limit (dB)	44.9	44.8	-3.5	-5.6

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	3,6	4,5	3,6
RL (dB)	6.3	4.6	8.8	4.6
Freq. (MHz)	30.6	240.5	245.5	240.5
Limit (dB)	16.6	8.2	8.1	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: 02-09-12

Date / Time: 10/14/2025 04:41:40 PM

Headroom: 3.9 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

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

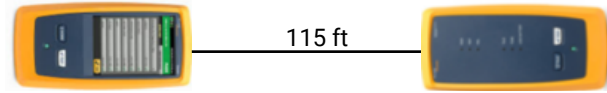
Remote S/N: 1927408

Main Adapter: DSX-CHA804

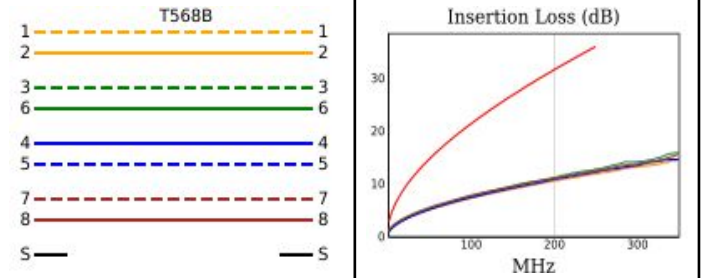
Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 3,6]	115
Prop. Delay (ns), Limit 555	[Pair 7,8]	179
Delay Skew (ns), Limit 50	[Pair 7,8]	9
Resistance (ohms)	[Pair 7,8]	14.1
Insertion Loss Margin (dB)	[Pair 3,6]	23.2
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9



PASS



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	1,2-3,6	3,6-4,5	1,2-3,6
NEXT (dB)	4.8	3.9	4.8	3.9
Freq. (MHz)	247.5	210.0	247.5	210.0
Limit (dB)	33.2	34.4	33.2	34.4
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	4.9	5.3	4.9	5.5
Freq. (MHz)	247.5	210.0	247.5	234.5
Limit (dB)	30.2	31.5	30.2	30.6

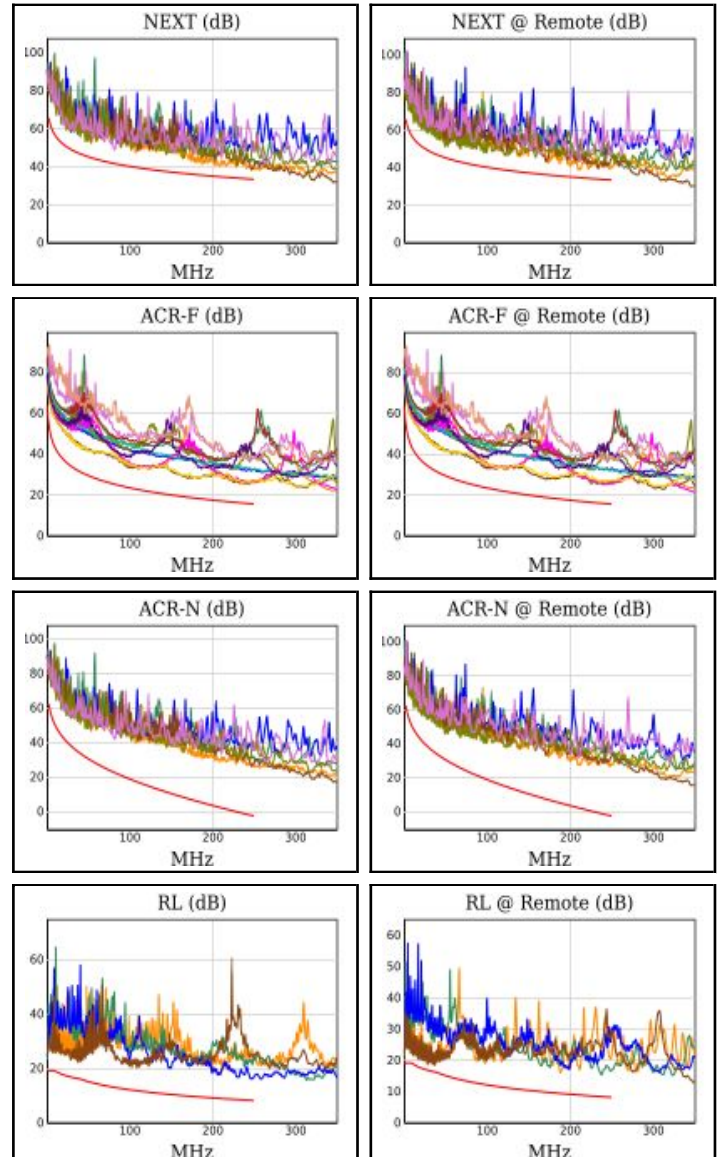
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	4,5-3,6	1,2-3,6	4,5-3,6
ACR-F (dB)	9.2	8.9	9.2	9.5
Freq. (MHz)	234.0	171.5	234.0	244.5
Limit (dB)	15.9	18.6	15.9	15.5
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	9.7	9.4	9.7	9.4
Freq. (MHz)	236.5	244.5	236.5	244.5
Limit (dB)	12.8	12.5	12.8	12.5

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	3,6-4,5	1,2-3,6
ACR-N (dB)	14.8	12.6	28.4	28.5
Freq. (MHz)	24.3	12.5	247.5	248.0
Limit (dB)	40.3	47.9	-2.5	-2.6
Worst Pair	7,8	3,6	3,6	3,6
PS ACR-N (dB)	15.4	13.8	28.0	27.8
Freq. (MHz)	21.1	3.0	247.5	234.5
Limit (dB)	39.3	58.5	-5.5	-4.0

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	4,5	3,6
RL (dB)	5.8	1.8	7.8	6.9
Freq. (MHz)	38.3	29.1	246.5	238.0
Limit (dB)	16.1	16.7	8.1	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: 02-09-13

Date / Time: 10/14/2025 04:51:15 PM

Headroom: 2.7 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

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

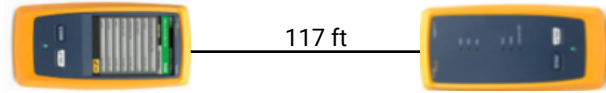
Remote S/N: 1927408

Main Adapter: DSX-CHA804

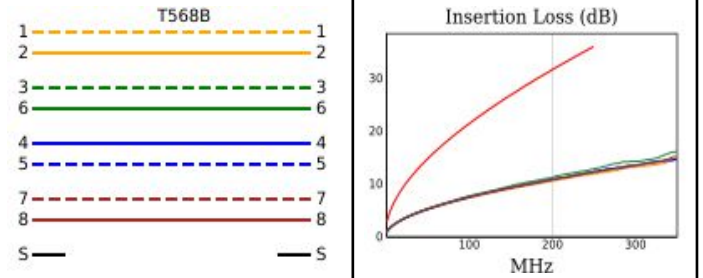
Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 4,5]	117
Prop. Delay (ns), Limit 555	[Pair 7,8]	182
Delay Skew (ns), Limit 50	[Pair 7,8]	10
Resistance (ohms)	[Pair 7,8]	7.0
Insertion Loss Margin (dB)	[Pair 3,6]	23.0
Frequency (MHz)	[Pair 3,6]	248.5
Limit (dB)	[Pair 3,6]	35.8



PASS



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-4,5	1,2-4,5	1,2-3,6
NEXT (dB)	2.7	5.4	2.9	7.1
Freq. (MHz)	204.0	29.9	239.0	241.5
Limit (dB)	34.6	48.7	33.5	33.4
Worst Pair	4,5	4,5	1,2	3,6
PS NEXT (dB)	4.1	7.0	4.5	8.1
Freq. (MHz)	199.5	92.5	238.0	250.0
Limit (dB)	31.9	37.7	30.5	30.2

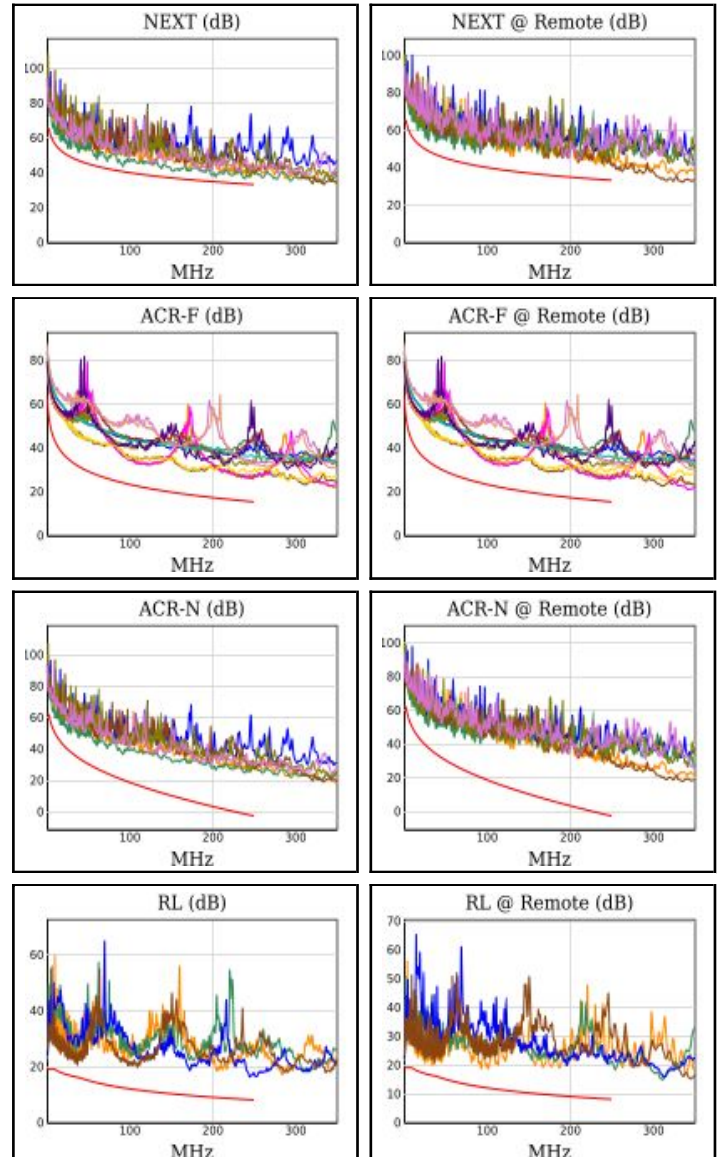
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-1,2	1,2-3,6	1,2-3,6	4,5-3,6
ACR-F (dB)	10.0	9.7	10.3	10.1
Freq. (MHz)	108.0	108.0	249.5	248.5
Limit (dB)	22.6	22.6	15.3	15.4
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	10.8	9.7	11.0	9.7
Freq. (MHz)	114.0	248.5	229.5	248.5
Limit (dB)	19.1	12.4	13.0	12.4

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-4,5	1,2-4,5	1,2-3,6
ACR-N (dB)	9.9	12.6	26.0	29.9
Freq. (MHz)	10.6	29.9	239.0	241.5
Limit (dB)	49.6	37.6	-1.5	-1.8
Worst Pair	4,5	1,2	3,6	3,6
PS ACR-N (dB)	11.6	13.7	28.1	31.4
Freq. (MHz)	10.5	17.1	246.0	250.0
Limit (dB)	47.2	41.8	-5.3	-5.8

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	4,5	1,2
RL (dB)	4.4	3.4	8.1	6.6
Freq. (MHz)	37.5	34.5	245.5	102.0
Limit (dB)	16.1	16.3	8.1	11.9

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: 02-09-14

Date / Time: 10/14/2025 04:56:18 PM

Headroom: 3.2 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

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

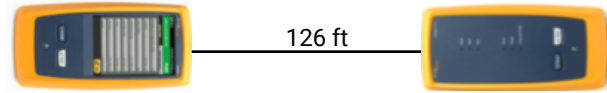
Remote S/N: 1927408

Main Adapter: DSX-CHA804

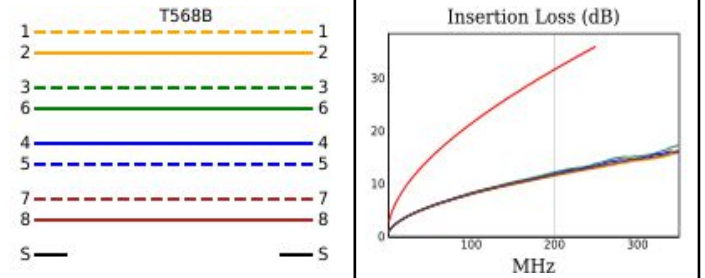
Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 4,5]	126
Prop. Delay (ns), Limit 555	[Pair 7,8]	197
Delay Skew (ns), Limit 50	[Pair 7,8]	11
Resistance (ohms)	[Pair 3,6]	6.9
Insertion Loss Margin (dB)	[Pair 3,6]	22.1
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9



PASS



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-4,5	1,2-3,6	1,2-4,5
NEXT (dB)	4.7	3.2	6.3	3.2
Freq. (MHz)	198.0	243.0	249.0	243.0
Limit (dB)	34.9	33.3	33.1	33.3
Worst Pair	1,2	4,5	3,6	4,5
PS NEXT (dB)	6.6	3.3	6.7	3.3
Freq. (MHz)	29.8	243.0	249.0	243.0
Limit (dB)	46.1	30.4	30.2	30.4

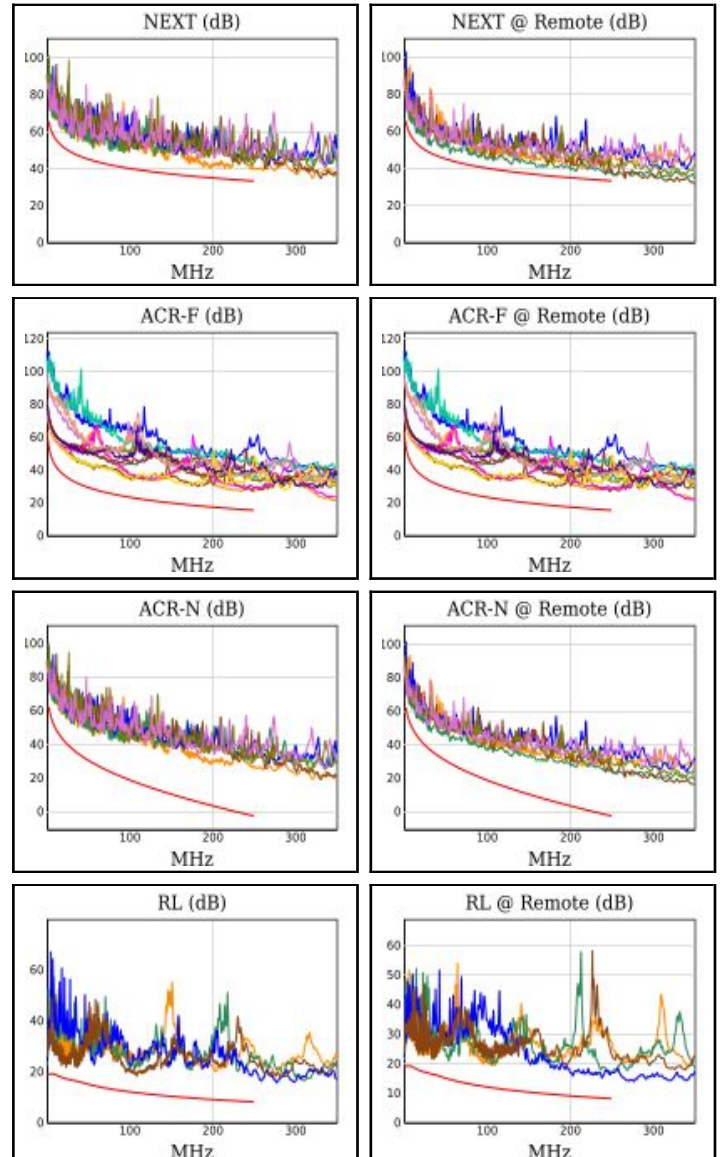
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	3,6-4,5	4,5-3,6
ACR-F (dB)	10.7	10.6	11.6	11.3
Freq. (MHz)	102.0	102.0	248.5	248.5
Limit (dB)	23.1	23.1	15.4	15.4
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	11.6	11.6	13.0	11.6
Freq. (MHz)	104.5	248.5	235.0	248.5
Limit (dB)	19.9	12.4	12.8	12.4

N/A	MAIN	SR	MAIN	SR
Worst Pair	4,5-7,8	1,2-4,5	1,2-3,6	1,2-4,5
ACR-N (dB)	12.0	10.0	28.4	25.4
Freq. (MHz)	4.8	6.9	249.0	243.0
Limit (dB)	57.5	54.0	-2.7	-2.0
Worst Pair	4,5	4,5	3,6	4,5
PS ACR-N (dB)	10.7	9.4	28.9	25.6
Freq. (MHz)	4.4	4.4	249.0	243.0
Limit (dB)	55.7	55.7	-5.7	-5.0

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	7,8	4,5
RL (dB)	4.5	5.0	6.4	6.8
Freq. (MHz)	23.8	34.3	109.0	239.0
Limit (dB)	17.1	16.3	11.6	8.2

Compliant Network Standards:

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





Cable ID: 02-09-15

Test Summary: PASS

Date / Time: 08/08/2025 11:18:41 AM

Headroom: 4 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

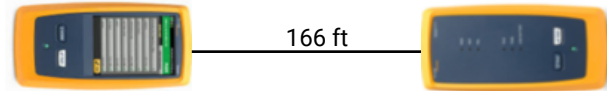
Main S/N: 1927404

Remote S/N: 1927408

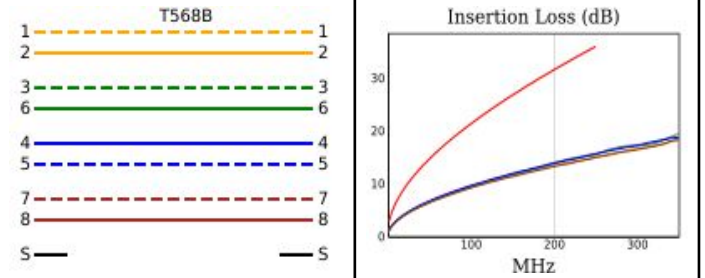
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 7,8]	166
Prop. Delay (ns), Limit 555	[Pair 4,5]	258
Delay Skew (ns), Limit 50	[Pair 4,5]	13
Resistance (ohms)	[Pair 4,5]	7.5
Insertion Loss Margin (dB)	[Pair 4,5]	20.3
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	3,6-7,8	3,6-4,5	3,6-7,8	1,2-3,6
NEXT (dB)	4.0	8.3	8.1	8.8
Freq. (MHz)	120.5	95.8	235.0	228.0
Limit (dB)	38.5	40.2	33.6	33.8
Worst Pair	3,6	3,6	7,8	1,2
PS NEXT (dB)	6.3	9.1	10.2	9.5
Freq. (MHz)	120.5	204.5	235.0	244.5
Limit (dB)	35.7	31.7	30.6	30.3

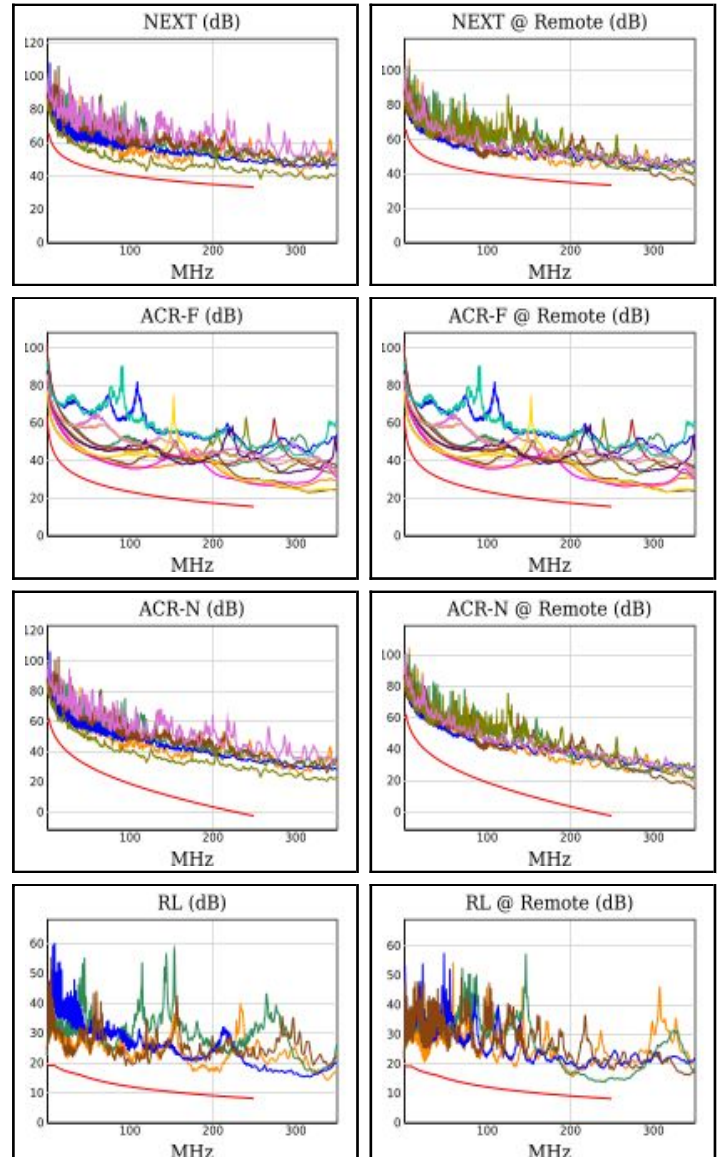
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-F (dB)	12.0	11.8	12.1	11.8
Freq. (MHz)	248.5	250.0	250.0	250.0
Limit (dB)	15.4	15.3	15.3	15.3
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	12.6	12.7	12.7	12.9
Freq. (MHz)	242.5	61.0	243.5	250.0
Limit (dB)	12.6	24.6	12.5	12.3

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)	13.5	13.4	28.4	27.9
Freq. (MHz)	14.1	3.8	235.0	228.0
Limit (dB)	46.6	59.6	-1.1	-0.2
Worst Pair	3,6	3,6	3,6	4,5
PS ACR-N (dB)	14.3	14.2	29.9	30.0
Freq. (MHz)	3.8	3.5	235.5	247.5
Limit (dB)	57.1	57.7	-4.1	-5.5

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	1,2	1,2	3,6
RL (dB)	4.4	3.4	7.9	5.5
Freq. (MHz)	25.0	25.0	208.5	242.5
Limit (dB)	17.0	17.0	8.8	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: 02-09-16

Test Summary: PASS

Date / Time: 08/08/2025 11:04:08 AM

Headroom: 7.3 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

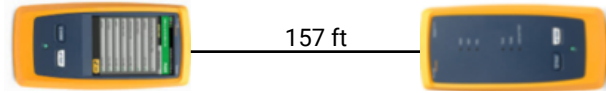
Main S/N: 1927404

Remote S/N: 1927408

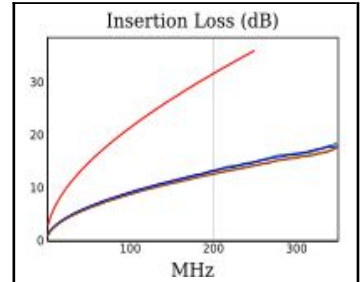
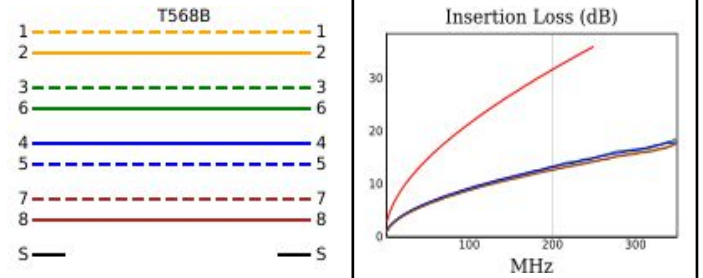
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 7,8]	157
Prop. Delay (ns), Limit 555	[Pair 4,5]	244
Delay Skew (ns), Limit 50	[Pair 4,5]	12
Resistance (ohms)	[Pair 4,5]	7.1
Insertion Loss Margin (dB)	[Pair 3,6]	21.0
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

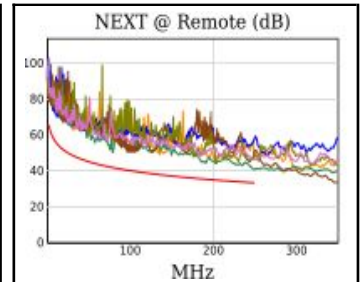
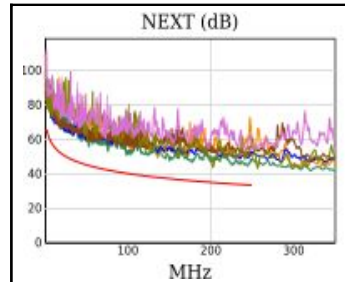


PASS

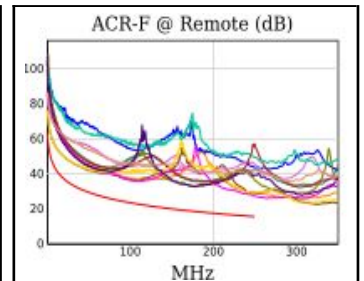
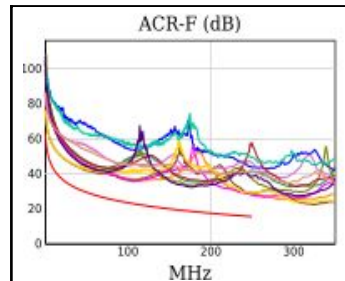


Worst Case Margin Worst Case Value

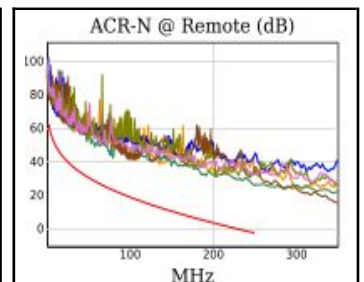
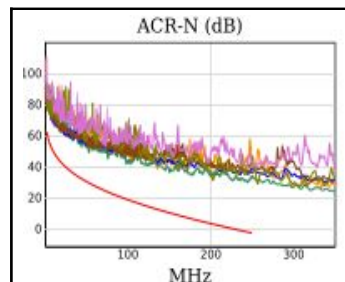
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	1,2-4,5	3,6-7,8	1,2-4,5
NEXT (dB)	8.8	7.3	8.8	7.3
Freq. (MHz)	203.5	249.5	203.5	249.5
Limit (dB)	34.7	33.1	34.7	33.1
Worst Pair	3,6	4,5	1,2	4,5
PS NEXT (dB)	10.9	8.8	11.8	8.8
Freq. (MHz)	203.5	249.0	236.0	249.0
Limit (dB)	31.7	30.2	30.6	30.2



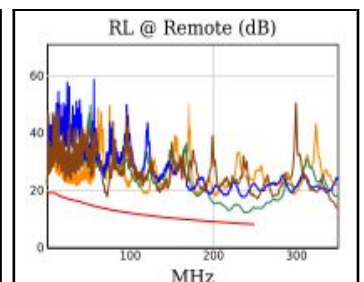
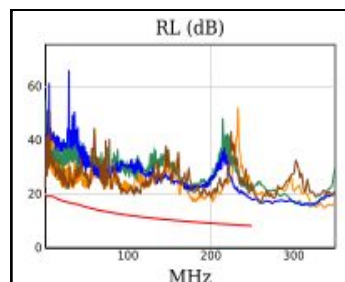
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	1,2-3,6	3,6-1,2	1,2-3,6
ACR-F (dB)	12.2	11.7	12.3	11.7
Freq. (MHz)	50.0	250.0	250.0	250.0
Limit (dB)	29.3	15.3	15.3	15.3
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	12.7	12.1	13.0	12.1
Freq. (MHz)	64.5	250.0	250.0	250.0
Limit (dB)	24.1	12.3	12.3	12.3



N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	1,2-4,5	1,2-4,5
ACR-N (dB)	16.9	16.4	31.7	28.4
Freq. (MHz)	3.1	3.6	245.0	249.5
Limit (dB)	61.2	59.9	-2.3	-2.8
Worst Pair	3,6	3,6	1,2	4,5
PS ACR-N (dB)	16.8	16.2	32.7	29.9
Freq. (MHz)	4.3	3.6	236.0	249.0
Limit (dB)	56.0	57.4	-4.1	-5.7



PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	3,6	1,2	3,6
RL (dB)	4.9	4.0	7.4	4.0
Freq. (MHz)	26.3	240.0	183.0	240.0
Limit (dB)	16.9	8.2	9.4	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: 02-09-17

Test Summary: PASS

Date / Time: 10/14/2025 04:53:54 PM

Headroom: 5.5 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

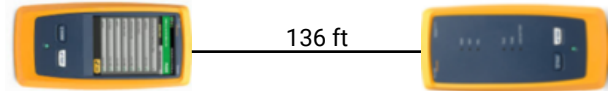
Main S/N: 1927404

Remote S/N: 1927408

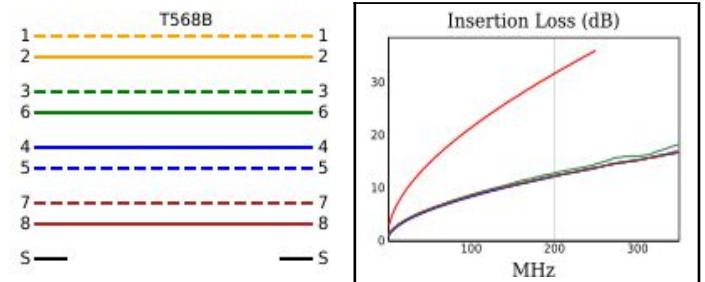
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 1,2]	136
Prop. Delay (ns), Limit 555	[Pair 4,5]	212
Delay Skew (ns), Limit 50	[Pair 4,5]	12
Resistance (ohms)	[Pair 7,8]	12.4
Insertion Loss Margin (dB)	[Pair 3,6]	21.4
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	1,2-3,6	1,2-4,5	1,2-4,5	1,2-4,5
NEXT (dB)	5.5	5.5	6.4	6.3
Freq. (MHz)	206.5	193.5	246.5	225.5
Limit (dB)	34.5	35.0	33.2	33.9
Worst Pair	1,2	3,6	3,6	3,6
PS NEXT (dB)	6.0	5.4	6.5	5.4
Freq. (MHz)	206.5	235.5	248.5	235.5
Limit (dB)	31.6	30.6	30.2	30.6

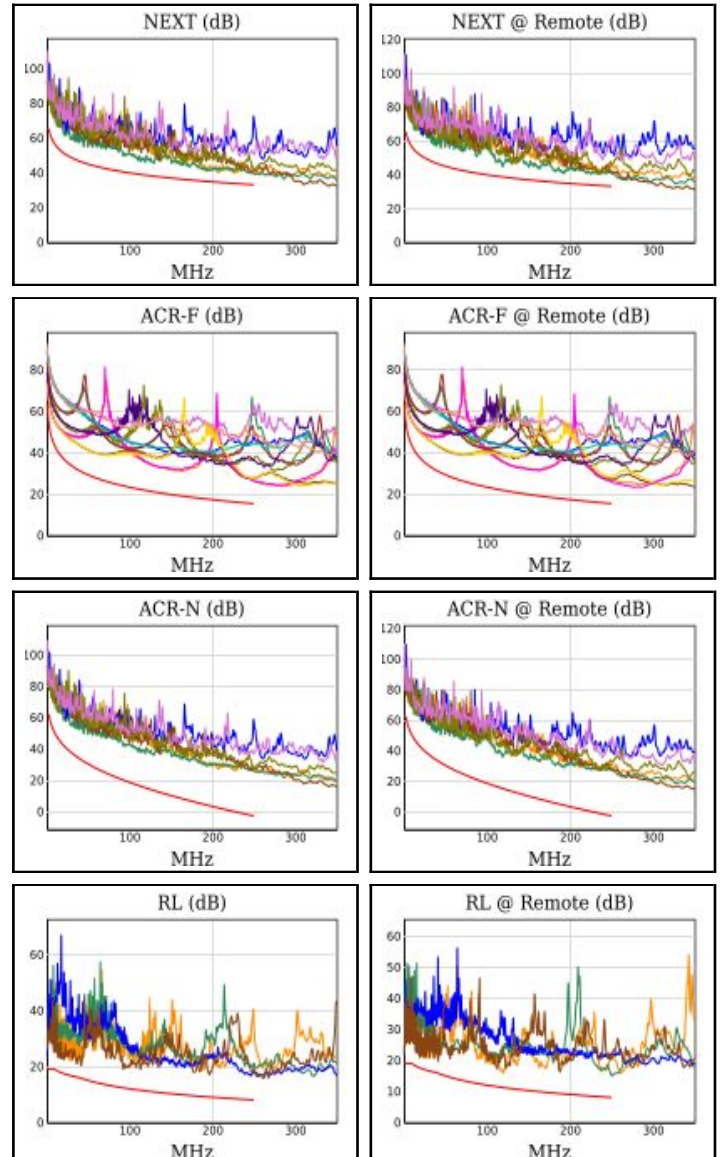
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	3,6-1,2	1,2-3,6
ACR-F (dB)	11.0	10.4	11.1	10.4
Freq. (MHz)	1.9	250.0	250.0	250.0
Limit (dB)	57.8	15.3	15.3	15.3
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	10.5	10.5	11.5	10.7
Freq. (MHz)	1.3	1.0	249.0	250.0
Limit (dB)	58.3	60.3	12.3	12.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-4,5	1,2-4,5	3,6-4,5
ACR-N (dB)	16.0	16.0	28.8	29.3
Freq. (MHz)	20.9	12.9	249.5	250.0
Limit (dB)	42.1	47.6	-2.8	-2.8
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	16.3	15.7	28.2	26.3
Freq. (MHz)	3.6	4.0	250.0	235.5
Limit (dB)	57.4	56.5	-5.8	-4.1

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	4,5	3,6
RL (dB)	4.5	3.4	8.5	7.1
Freq. (MHz)	42.0	19.6	247.0	250.0
Limit (dB)	15.8	17.5	8.1	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		





Cable ID: 02-09-18

Test Summary: PASS

Date / Time: 08/08/2025 02:32:05 PM

Headroom: 2.3 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

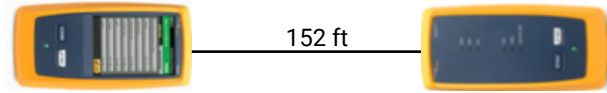
Main S/N: 1927404

Remote S/N: 1927408

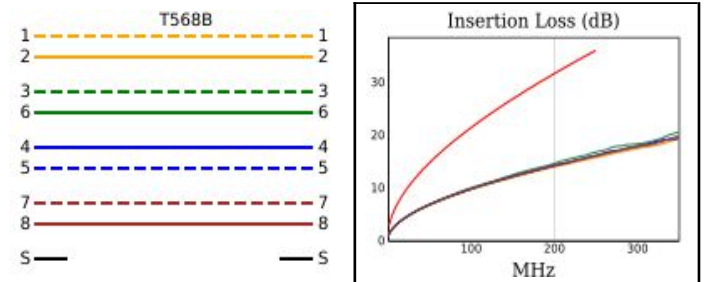
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 4,5]	152
Prop. Delay (ns), Limit 555	[Pair 7,8]	237
Delay Skew (ns), Limit 50	[Pair 7,8]	13
Resistance (ohms)	[Pair 3,6]	7.9
Insertion Loss Margin (dB)	[Pair 3,6]	19.2
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	1,2-3,6	4,5-7,8	1,2-3,6	3,6-4,5
NEXT (dB)	2.3	3.5	3.7	4.3
Freq. (MHz)	199.0	128.5	250.0	250.0
Limit (dB)	34.8	38.1	33.1	33.1
Worst Pair	3,6	4,5	1,2	4,5
PS NEXT (dB)	4.1	4.9	5.4	4.9
Freq. (MHz)	180.5	250.0	250.0	250.0
Limit (dB)	32.6	30.2	30.2	30.2

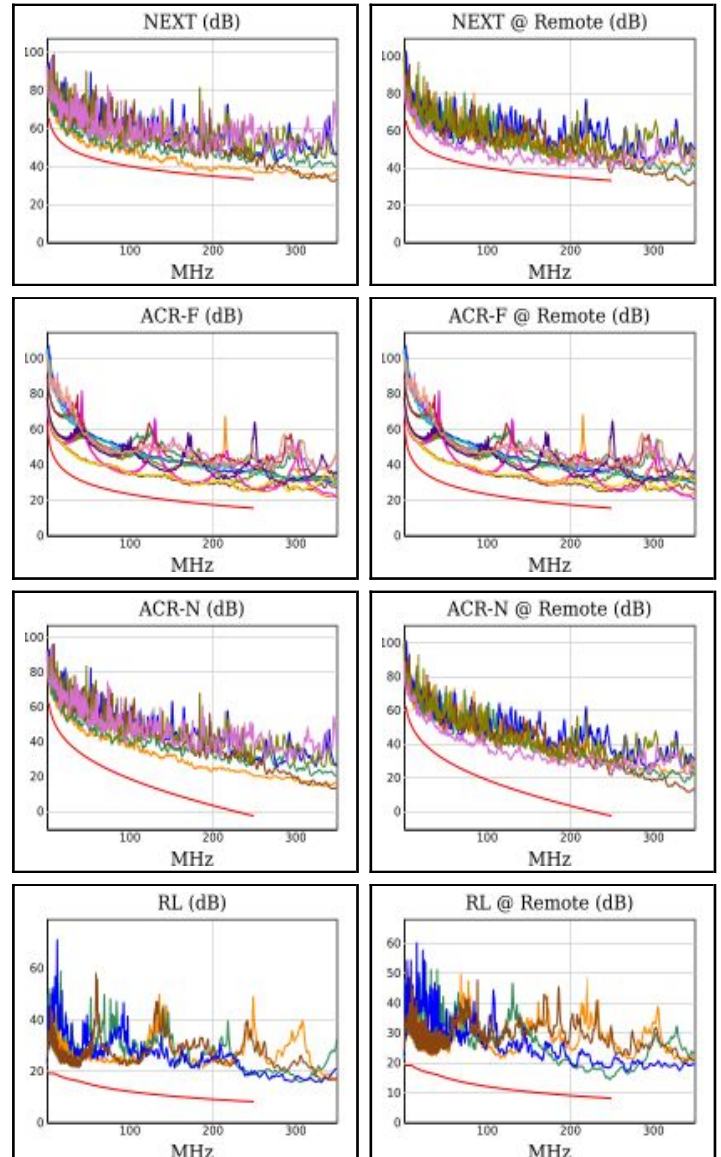
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	4,5-3,6	4,5-3,6	4,5-3,6
ACR-F (dB)	9.5	9.2	9.5	9.2
Freq. (MHz)	241.5	244.0	241.5	244.0
Limit (dB)	15.6	15.5	15.6	15.5
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	10.3	9.6	10.4	9.7
Freq. (MHz)	175.5	247.0	244.5	250.0
Limit (dB)	15.4	12.4	12.5	12.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	4,5-7,8	1,2-3,6	3,6-4,5
ACR-N (dB)	10.1	11.0	22.9	24.1
Freq. (MHz)	5.3	3.1	250.0	250.0
Limit (dB)	56.5	61.2	-2.8	-2.8
Worst Pair	1,2	4,5	3,6	4,5
PS ACR-N (dB)	11.7	11.2	24.7	24.8
Freq. (MHz)	24.6	4.0	249.0	250.0
Limit (dB)	37.4	56.5	-5.7	-5.8

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	4,5	3,6
RL (dB)	5.0	5.8	9.8	6.2
Freq. (MHz)	32.5	35.0	240.0	248.0
Limit (dB)	16.4	16.3	8.2	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: 02-09-19

Test Summary: PASS

Date / Time: 10/14/2025 04:52:38 PM

Headroom: 3.8 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

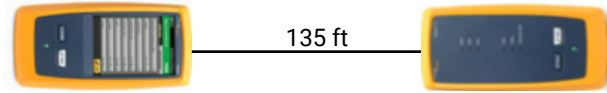
Main S/N: 1927404

Remote S/N: 1927408

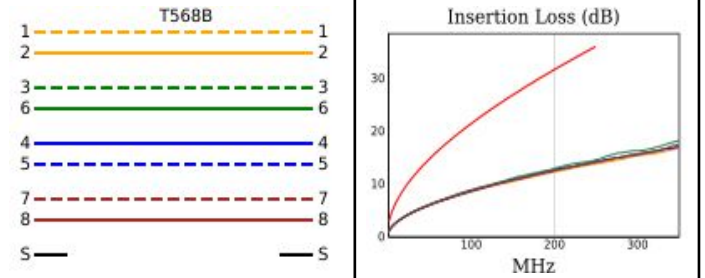
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 4,5]	135
Prop. Delay (ns), Limit 555	[Pair 7,8]	210
Delay Skew (ns), Limit 50	[Pair 7,8]	12
Resistance (ohms)	[Pair 3,6]	7.5
Insertion Loss Margin (dB)	[Pair 3,6]	21.4
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9



PASS



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	3,6-4,5
NEXT (dB)	5.0	3.8	5.0	3.8
Freq. (MHz)	247.0	250.0	247.0	250.0
Limit (dB)	33.2	33.1	33.2	33.1
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	5.2	4.3	5.2	4.3
Freq. (MHz)	243.5	246.0	243.5	246.0
Limit (dB)	30.4	30.3	30.4	30.3

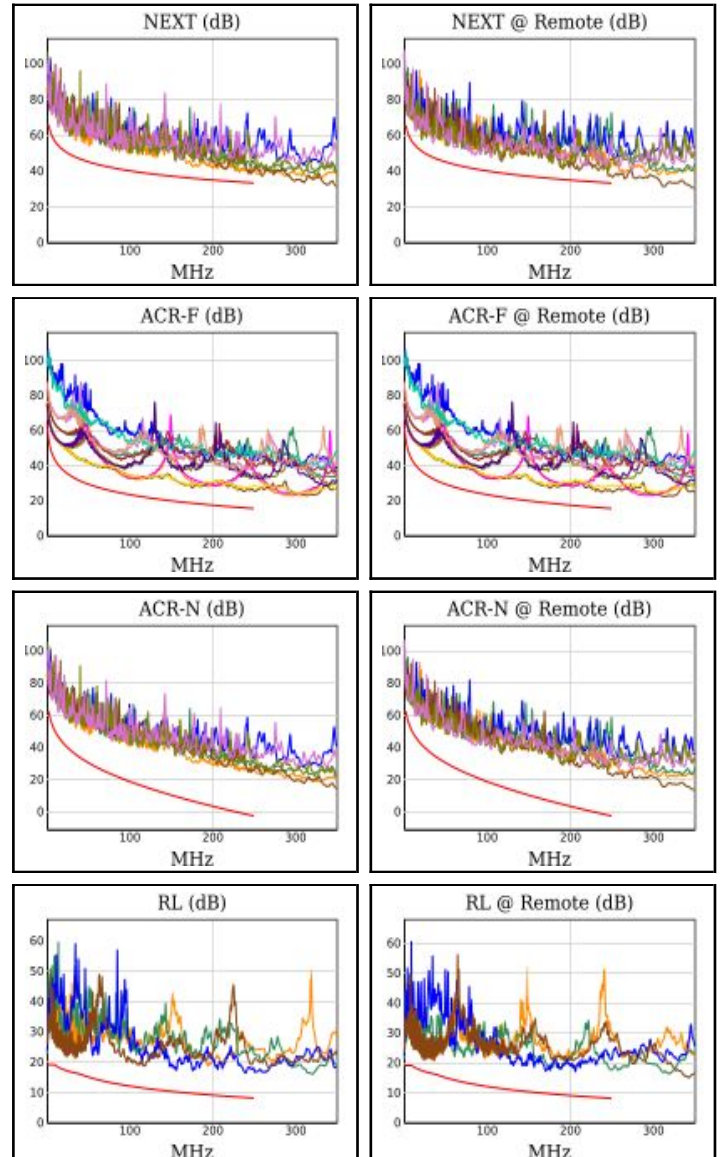
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	4,5-3,6	3,6-4,5	4,5-3,6
ACR-F (dB)	8.9	8.6	9.5	9.1
Freq. (MHz)	101.0	176.5	238.5	238.5
Limit (dB)	23.2	18.3	15.7	15.7
Worst Pair	3,6	3,6	4,5	3,6
PS ACR-F (dB)	9.3	9.2	12.3	11.2
Freq. (MHz)	101.0	106.0	238.5	237.0
Limit (dB)	20.2	19.8	12.7	12.8

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	3,6-4,5
ACR-N (dB)	13.3	11.8	26.7	25.6
Freq. (MHz)	4.0	4.9	247.0	250.0
Limit (dB)	59.0	57.2	-2.5	-2.8
Worst Pair	4,5	3,6	3,6	3,6
PS ACR-N (dB)	13.1	11.2	26.4	25.6
Freq. (MHz)	4.0	4.4	243.5	246.0
Limit (dB)	56.5	55.7	-5.0	-5.3

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	4,5	4,5
RL (dB)	4.5	3.8	8.0	8.0
Freq. (MHz)	24.6	24.8	240.5	206.5
Limit (dB)	17.0	17.0	8.2	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: 02-09-20

Test Summary: PASS

Date / Time: 08/08/2025 10:13:37 AM

Headroom: 2.1 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

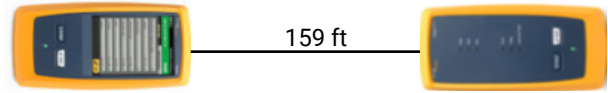
Main S/N: 1927404

Remote S/N: 1927408

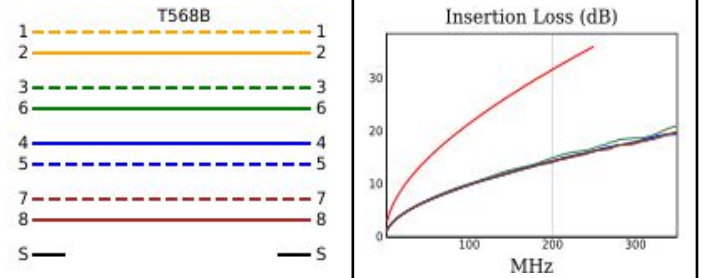
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 1,2]	159
Prop. Delay (ns), Limit 555	[Pair 4,5]	249
Delay Skew (ns), Limit 50	[Pair 4,5]	14
Resistance (ohms)	[Pair 4,5]	7.8
Insertion Loss Margin (dB)	[Pair 3,6]	19.2
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	3,6-4,5	3,6-7,8	3,6-4,5
NEXT (dB)	2.1	7.8	2.1	9.0
Freq. (MHz)	241.5	112.0	241.5	250.0
Limit (dB)	33.4	39.1	33.4	33.1
Worst Pair	3,6	4,5	3,6	3,6
PS NEXT (dB)	3.2	9.0	3.2	9.4
Freq. (MHz)	242.0	112.0	242.0	250.0
Limit (dB)	30.4	36.2	30.4	30.2

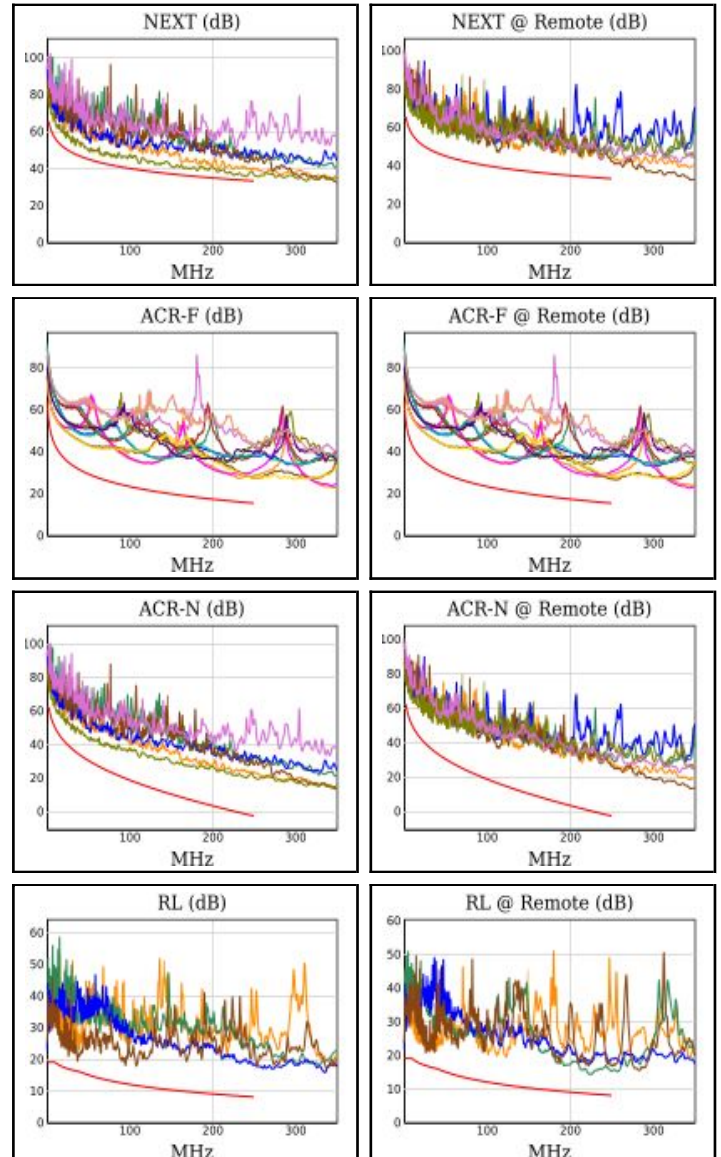
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	4,5-3,6	1,2-3,6	4,5-3,6
ACR-F (dB)	11.2	11.4	11.2	11.5
Freq. (MHz)	232.0	248.5	232.0	250.0
Limit (dB)	15.9	15.4	15.9	15.3
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	11.7	11.7	12.1	12.5
Freq. (MHz)	1.3	1.0	248.0	248.0
Limit (dB)	58.3	60.3	12.4	12.4

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	3,6-7,8	3,6-4,5
ACR-N (dB)	10.5	12.9	21.7	28.8
Freq. (MHz)	3.0	3.1	241.5	250.0
Limit (dB)	61.5	61.2	-1.8	-2.8
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	11.3	12.5	22.2	28.7
Freq. (MHz)	5.0	5.8	242.0	250.0
Limit (dB)	54.5	53.2	-4.9	-5.8

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	7,8	3,6
RL (dB)	3.2	3.8	6.1	5.9
Freq. (MHz)	37.5	26.9	108.5	226.5
Limit (dB)	16.1	16.9	11.6	8.4

Compliant Network Standards:

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





Cable ID: 02-09-21

Test Summary: PASS

Date / Time: 08/08/2025 10:18:47 AM

Headroom: 4.2 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

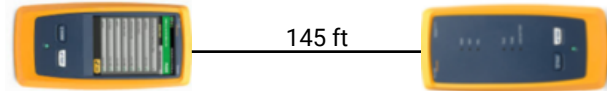
Main S/N: 1927404

Remote S/N: 1927408

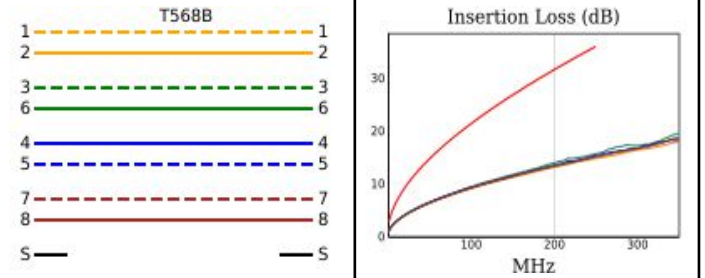
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 4,5]	145
Prop. Delay (ns), Limit 555	[Pair 7,8]	226
Delay Skew (ns), Limit 50	[Pair 7,8]	13
Resistance (ohms)	[Pair 3,6]	7.4
Insertion Loss Margin (dB)	[Pair 3,6]	20.3
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	1,2-3,6	1,2-4,5	1,2-3,6	1,2-4,5
NEXT (dB)	5.3	4.2	5.3	4.2
Freq. (MHz)	194.5	247.0	194.5	247.0
Limit (dB)	35.0	33.2	35.0	33.2
Worst Pair	1,2	4,5	1,2	4,5
PS NEXT (dB)	6.8	5.7	7.3	5.7
Freq. (MHz)	210.0	247.5	248.0	247.5
Limit (dB)	31.5	30.2	30.2	30.2

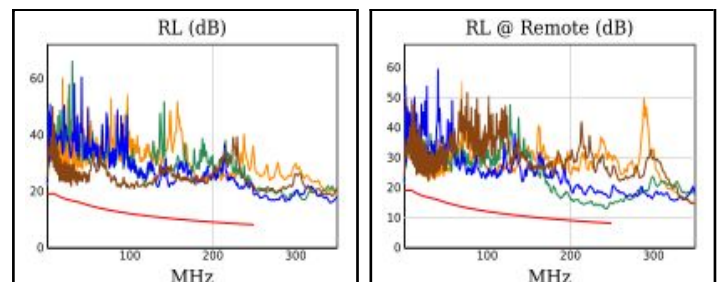
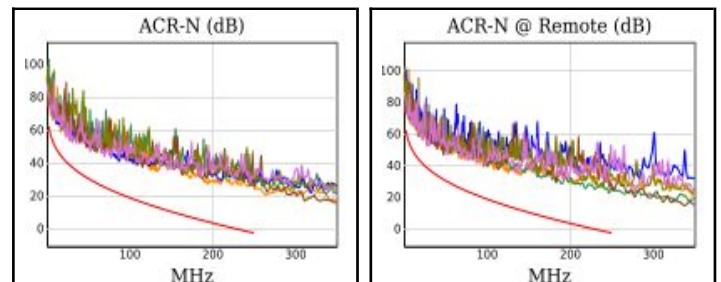
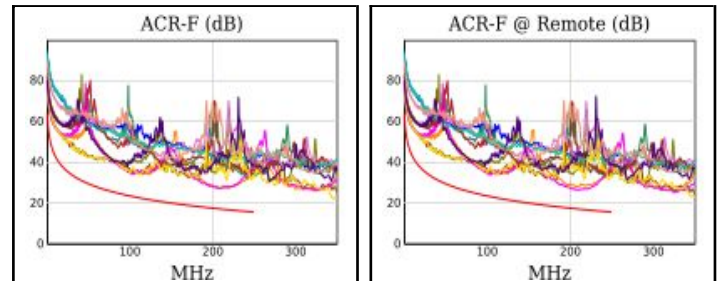
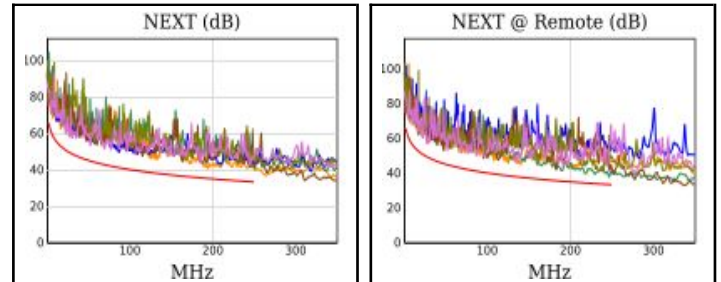
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-F (dB)	9.8	9.2	9.8	9.3
Freq. (MHz)	207.0	209.0	207.0	209.5
Limit (dB)	16.9	16.9	16.9	16.8
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	10.8	10.6	12.0	11.3
Freq. (MHz)	100.5	105.5	217.0	204.0
Limit (dB)	20.2	19.8	13.5	14.1

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-4,5
ACR-N (dB)	11.7	11.4	27.9	24.7
Freq. (MHz)	2.9	2.9	250.0	247.0
Limit (dB)	61.6	61.6	-2.8	-2.5
Worst Pair	3,6	3,6	3,6	4,5
PS ACR-N (dB)	12.7	12.2	27.5	26.2
Freq. (MHz)	2.6	2.9	245.0	247.5
Limit (dB)	58.7	58.6	-5.2	-5.5

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	3,6	4,5	3,6
RL (dB)	5.1	4.7	10.6	4.7
Freq. (MHz)	29.9	244.5	250.0	244.5
Limit (dB)	16.6	8.1	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: 02-09-22

Test Summary: PASS

Date / Time: 08/08/2025 02:18:41 PM

Headroom: 4.1 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

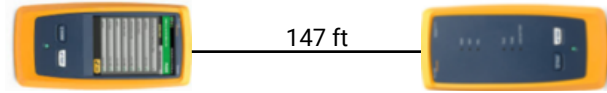
Main S/N: 1927404

Remote S/N: 1927408

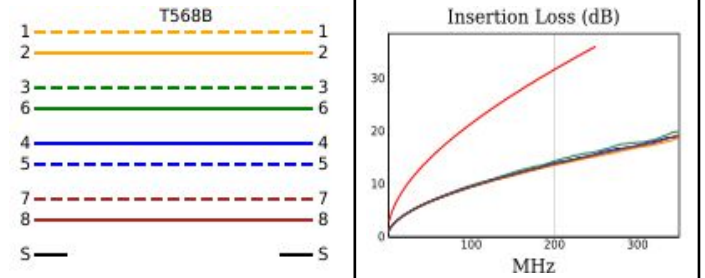
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 4,5]	147
Prop. Delay (ns), Limit 555	[Pair 7,8]	229
Delay Skew (ns), Limit 50	[Pair 7,8]	13
Resistance (ohms)	[Pair 3,6]	7.5
Insertion Loss Margin (dB)	[Pair 3,6]	19.9
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	1,2-3,6	1,2-3,6	1,2-3,6	3,6-4,5
NEXT (dB)	4.1	6.6	5.9	7.3
Freq. (MHz)	187.5	177.5	243.5	242.5
Limit (dB)	35.3	35.7	33.3	33.3
Worst Pair	1,2	4,5	3,6	4,5
PS NEXT (dB)	5.8	7.8	6.5	7.8
Freq. (MHz)	200.0	245.0	248.0	245.0
Limit (dB)	31.9	30.3	30.2	30.3

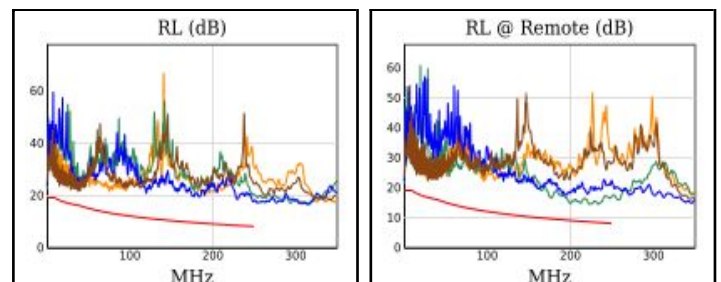
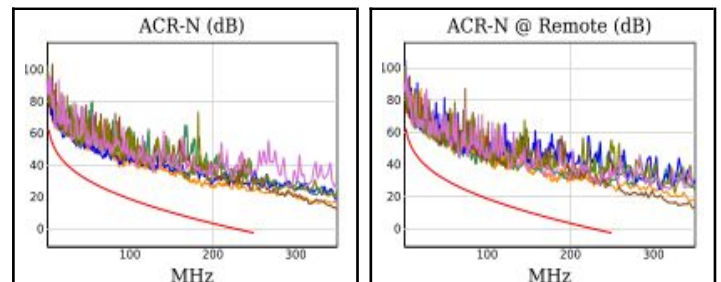
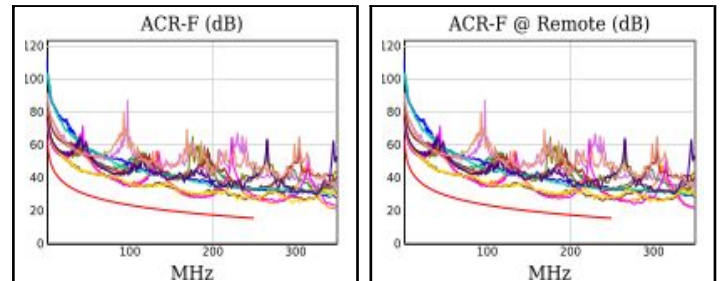
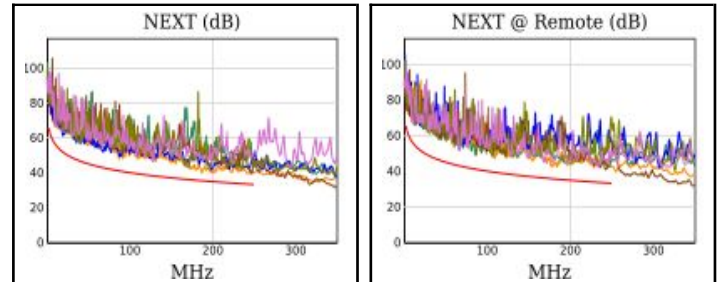
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	3,6-4,5	4,5-3,6
ACR-F (dB)	9.4	9.3	10.9	10.4
Freq. (MHz)	177.0	186.0	240.5	240.5
Limit (dB)	18.3	17.9	15.6	15.6
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	10.4	10.1	12.2	11.8
Freq. (MHz)	175.5	175.5	250.0	248.5
Limit (dB)	15.4	15.4	12.3	12.4

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-4,5	1,2-3,6	3,6-4,5
ACR-N (dB)	13.2	13.3	25.5	27.3
Freq. (MHz)	7.4	4.1	243.5	242.5
Limit (dB)	53.3	58.7	-2.1	-2.0
Worst Pair	7,8	1,2	3,6	4,5
PS ACR-N (dB)	14.0	14.1	26.3	28.0
Freq. (MHz)	10.9	5.4	248.0	245.0
Limit (dB)	46.8	53.8	-5.6	-5.2

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	4,5	3,6
RL (dB)	5.3	5.5	9.4	6.1
Freq. (MHz)	38.5	29.4	249.5	234.0
Limit (dB)	16.1	16.7	8.0	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: 02-09-23

Test Summary: PASS

Date / Time: 08/08/2025 02:25:22 PM

Headroom: 3.5 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

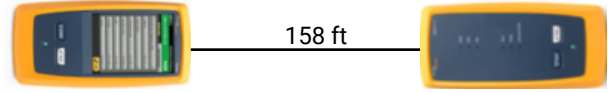
Main S/N: 1927404

Remote S/N: 1927408

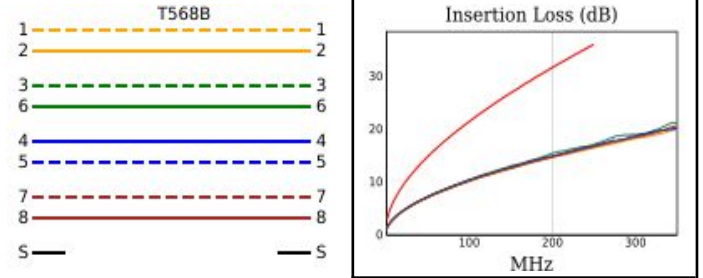
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 4,5]	158
Prop. Delay (ns), Limit 555	[Pair 7,8]	247
Delay Skew (ns), Limit 50	[Pair 7,8]	14
Resistance (ohms)	[Pair 3,6]	8.3
Insertion Loss Margin (dB)	[Pair 3,6]	18.9
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	1,2-3,6	3,6-4,5	1,2-3,6	1,2-4,5
NEXT (dB)	3.5	4.2	4.2	5.7
Freq. (MHz)	184.0	98.3	246.5	247.5
Limit (dB)	35.4	40.1	33.2	33.2
Worst Pair	3,6	1,2	3,6	1,2
PS NEXT (dB)	5.3	5.9	5.3	5.9
Freq. (MHz)	239.5	239.5	239.5	239.5
Limit (dB)	30.5	30.5	30.5	30.5

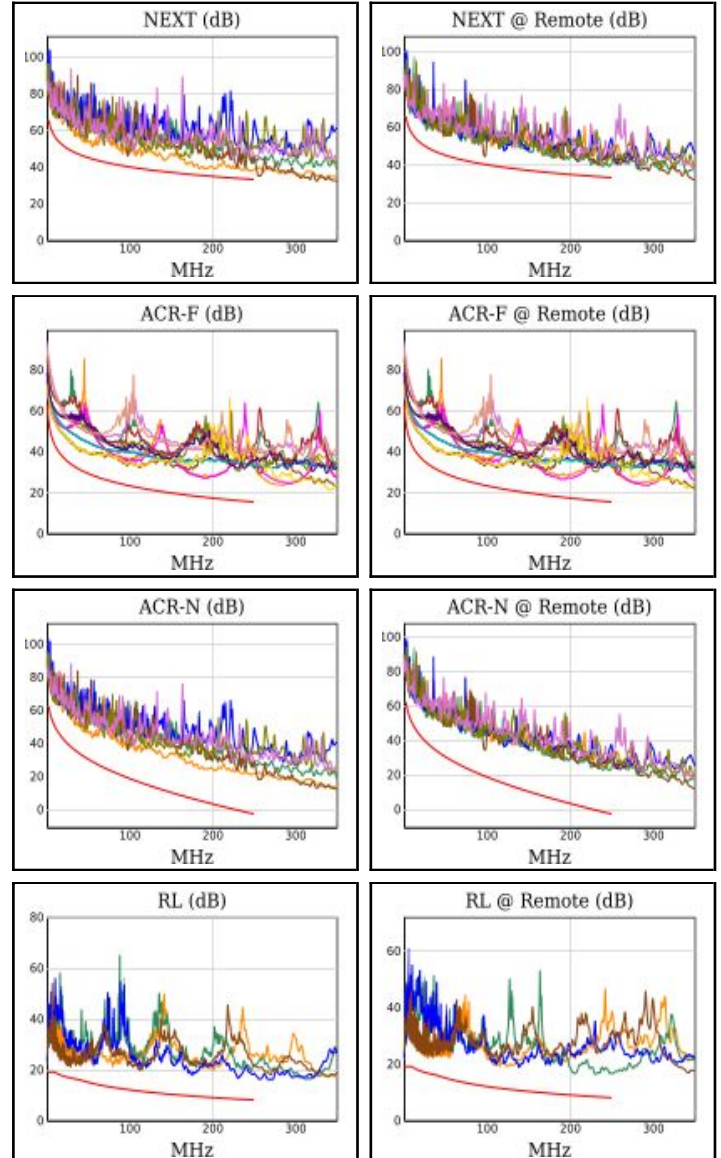
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	1,2-3,6	3,6-1,2	1,2-3,6
ACR-F (dB)	8.7	8.6	9.4	8.8
Freq. (MHz)	40.8	188.5	193.0	193.0
Limit (dB)	31.1	17.8	17.5	17.5
Worst Pair	3,6	3,6	1,2	3,6
PS ACR-F (dB)	10.5	10.2	11.8	10.8
Freq. (MHz)	1.0	97.0	193.0	188.0
Limit (dB)	60.3	20.5	14.5	14.8

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-4,5	1,2-3,6	1,2-4,5
ACR-N (dB)	13.1	12.0	22.9	24.8
Freq. (MHz)	5.0	8.0	246.5	247.5
Limit (dB)	57.0	52.5	-2.4	-2.5
Worst Pair	3,6	4,5	3,6	1,2
PS ACR-N (dB)	13.3	12.5	23.8	25.0
Freq. (MHz)	5.0	8.0	239.5	239.5
Limit (dB)	54.5	49.9	-4.6	-4.6

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	4,5	3,6
RL (dB)	4.3	5.3	8.1	7.9
Freq. (MHz)	29.3	29.3	231.5	231.5
Limit (dB)	16.7	16.7	8.4	8.4

Compliant Network Standards:

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





Cable ID: 02-09-24

Test Summary: PASS

Date / Time: 08/08/2025 02:28:37 PM

Headroom: 5.6 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

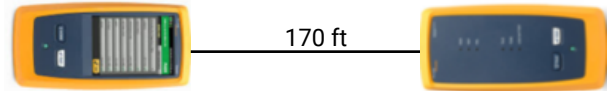
Main S/N: 1927404

Remote S/N: 1927408

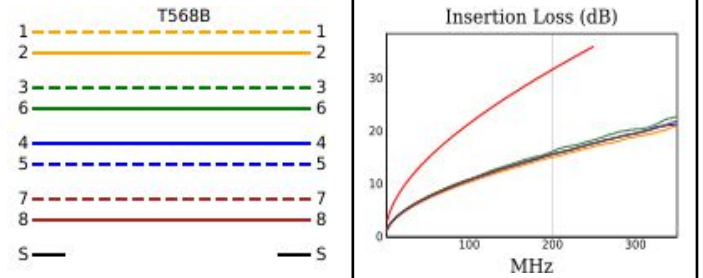
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 1,2]	170
Prop. Delay (ns), Limit 555	[Pair 3,6]	264
Delay Skew (ns), Limit 50	[Pair 3,6]	13
Resistance (ohms)	[Pair 3,6]	8.6
Insertion Loss Margin (dB)	[Pair 3,6]	17.7
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	1,2-7,8	1,2-7,8	1,2-3,6	1,2-3,6
NEXT (dB)	7.1	5.6	7.8	6.3
Freq. (MHz)	23.1	23.1	243.0	202.0
Limit (dB)	50.6	50.6	33.3	34.7
Worst Pair	1,2	1,2	1,2	1,2
PS NEXT (dB)	6.5	7.0	6.5	8.0
Freq. (MHz)	243.0	175.0	243.0	250.0
Limit (dB)	30.4	32.9	30.4	30.2

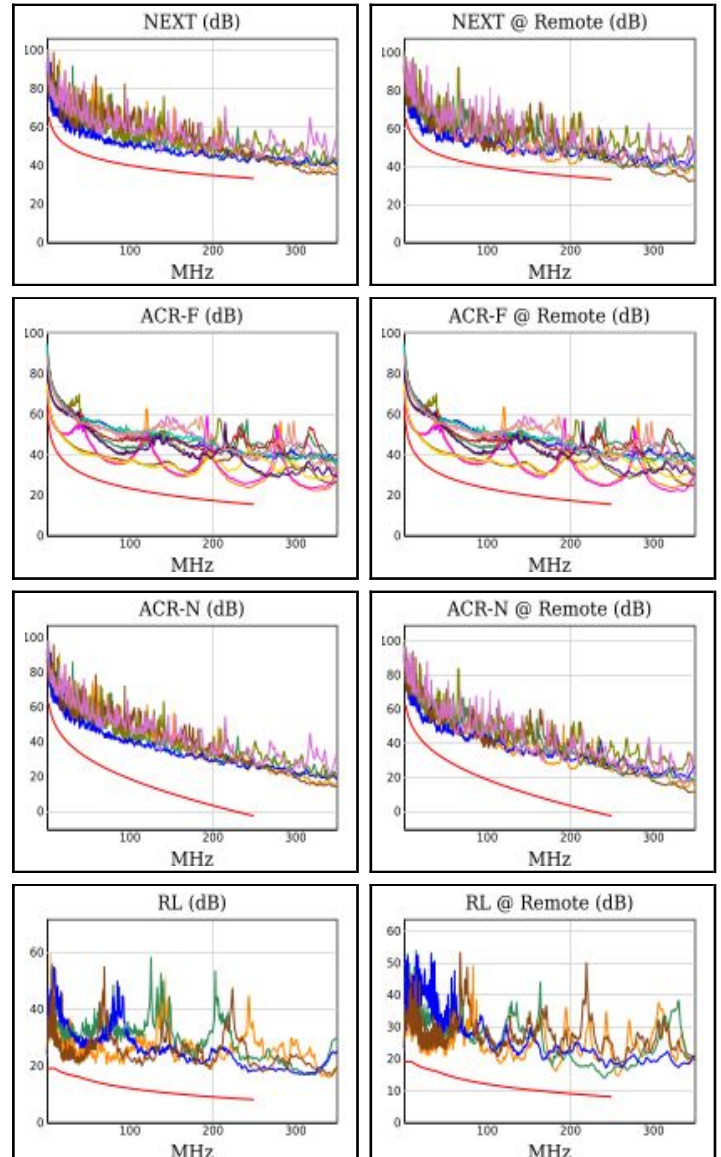
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-F (dB)	8.0	8.6	8.0	8.6
Freq. (MHz)	245.0	239.0	245.0	239.0
Limit (dB)	15.5	15.7	15.5	15.7
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	9.9	9.9	10.5	11.6
Freq. (MHz)	1.3	1.0	245.0	250.0
Limit (dB)	58.3	60.3	12.5	12.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-7,8	1,2-3,6	1,2-3,6
ACR-N (dB)	10.6	10.4	25.2	26.0
Freq. (MHz)	8.5	23.1	243.0	250.0
Limit (dB)	51.9	40.9	-2.0	-2.8
Worst Pair	1,2	1,2	1,2	1,2
PS ACR-N (dB)	11.4	11.3	25.2	27.1
Freq. (MHz)	6.3	6.3	243.0	250.0
Limit (dB)	52.4	52.4	-5.0	-5.8

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	4,5	3,6
RL (dB)	3.9	4.1	9.6	5.7
Freq. (MHz)	20.1	20.4	243.5	242.0
Limit (dB)	17.5	17.5	8.1	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: 02-10-02

Date / Time: 08/08/2025 02:14:01 PM

Headroom: 4.5 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

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

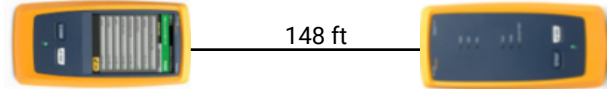
Remote S/N: 1927408

Main Adapter: DSX-CHA804

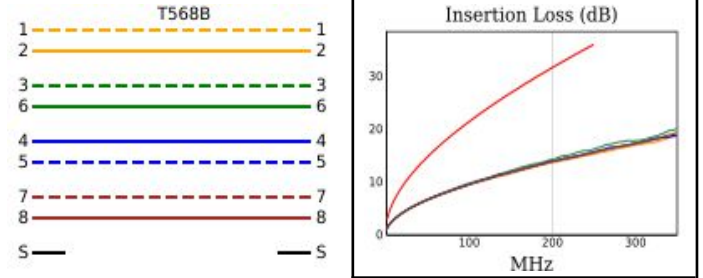
Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 4,5]	148
Prop. Delay (ns), Limit 555	[Pair 7,8]	231
Delay Skew (ns), Limit 50	[Pair 7,8]	13
Resistance (ohms)	[Pair 3,6]	7.6
Insertion Loss Margin (dB)	[Pair 3,6]	19.8
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	1,2-3,6	3,6-4,5	3,6-4,5	3,6-4,5
NEXT (dB)	4.6	4.5	4.7	4.5
Freq. (MHz)	185.5	192.5	250.0	192.5
Limit (dB)	35.3	35.1	33.1	35.1
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	5.0	5.0	5.0	5.7
Freq. (MHz)	242.5	193.0	242.5	212.5
Limit (dB)	30.4	32.1	30.4	31.4

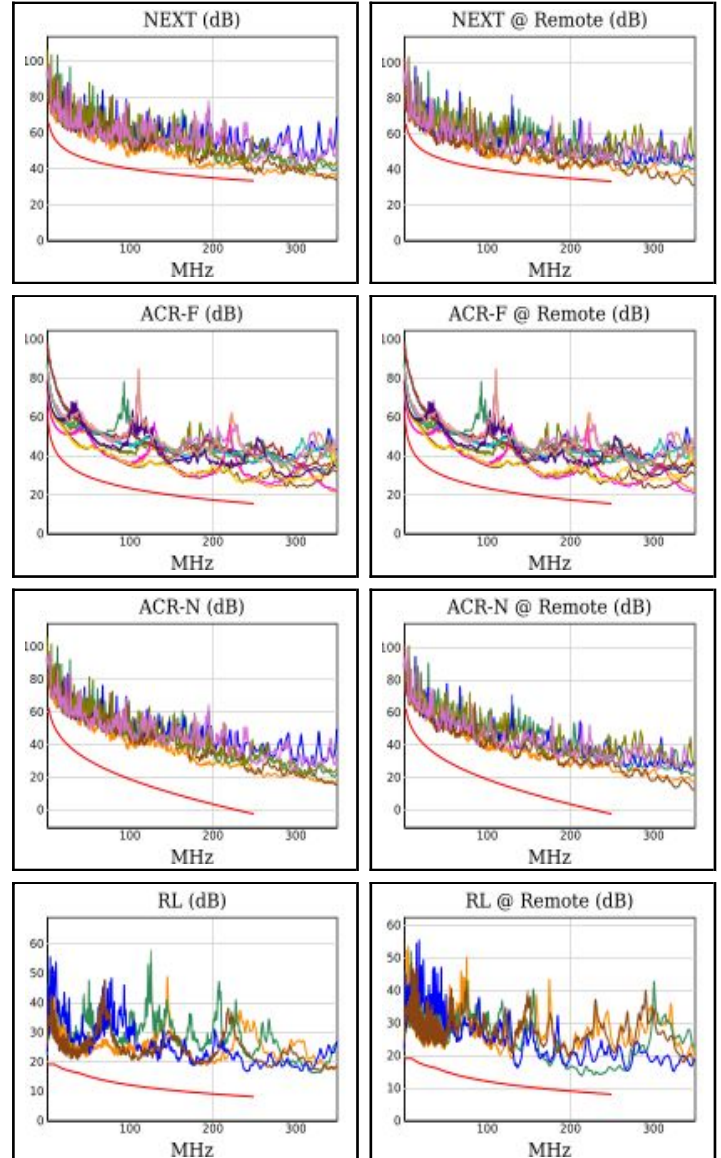
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	4,5-3,6	3,6-4,5	4,5-3,6
ACR-F (dB)	10.2	9.5	10.2	9.5
Freq. (MHz)	180.5	237.0	237.0	237.0
Limit (dB)	18.1	15.8	15.8	15.8
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	10.4	10.3	11.5	11.3
Freq. (MHz)	168.5	169.5	249.0	237.5
Limit (dB)	15.7	15.7	12.3	12.7

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-4,5	3,6-4,5	1,2-3,6
ACR-N (dB)	11.5	9.9	25.0	26.8
Freq. (MHz)	4.9	2.3	250.0	250.0
Limit (dB)	57.2	61.9	-2.8	-2.8
Worst Pair	3,6	4,5	3,6	3,6
PS ACR-N (dB)	12.4	10.7	25.3	25.2
Freq. (MHz)	4.8	6.9	250.0	227.5
Limit (dB)	54.9	51.4	-5.8	-3.1

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	3,6	4,5	3,6
RL (dB)	4.2	4.9	8.3	4.9
Freq. (MHz)	29.0	214.5	242.0	214.5
Limit (dB)	16.7	8.7	8.2	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		





Cable ID: 02-10-03

Date / Time: 08/08/2025 01:54:19 PM

Headroom: 4.7 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

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 1,2]	150
Prop. Delay (ns), Limit 555	[Pair 3,6]	233
Delay Skew (ns), Limit 50	[Pair 3,6]	12
Resistance (ohms)	[Pair 3,6]	7.5
Insertion Loss Margin (dB)	[Pair 3,6]	19.9
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-3,6	3,6-4,5	1,2-3,6
NEXT (dB)	7.2	4.7	7.4	5.9
Freq. (MHz)	70.8	100.0	222.5	238.0
Limit (dB)	42.5	39.9	34.0	33.5
Worst Pair	3,6	1,2	3,6	3,6
PS NEXT (dB)	7.8	6.0	7.8	7.3
Freq. (MHz)	220.5	92.0	220.5	240.0
Limit (dB)	31.1	37.7	31.1	30.5

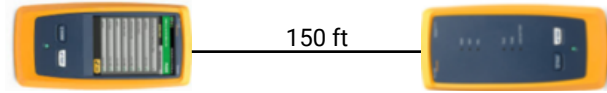
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	3,6-4,5	4,5-3,6	3,6-4,5
ACR-F (dB)	7.1	7.3	8.5	8.9
Freq. (MHz)	99.5	99.5	245.5	246.0
Limit (dB)	23.3	23.3	15.5	15.4
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	8.2	8.4	9.2	10.3
Freq. (MHz)	99.0	94.8	245.5	244.0
Limit (dB)	20.3	20.7	12.5	12.5

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-4,5	3,6-4,5	1,2-3,6
ACR-N (dB)	12.6	10.2	26.2	25.2
Freq. (MHz)	13.3	13.3	222.5	238.0
Limit (dB)	47.3	47.3	0.4	-1.4
Worst Pair	4,5	4,5	3,6	3,6
PS ACR-N (dB)	13.9	11.8	26.1	27.3
Freq. (MHz)	13.4	2.9	220.5	244.5
Limit (dB)	44.6	58.6	-2.3	-5.2

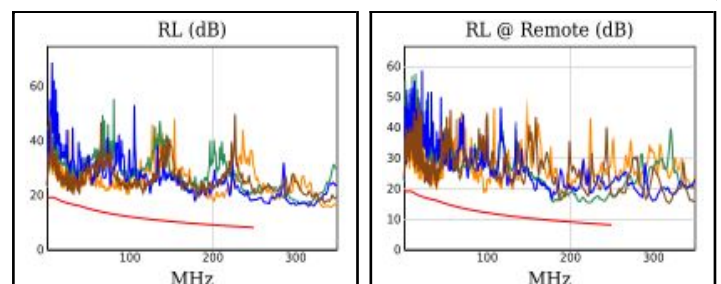
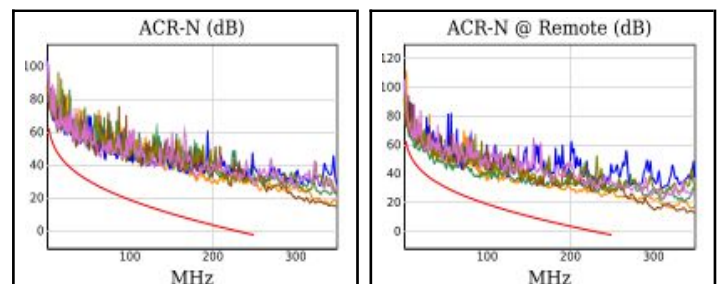
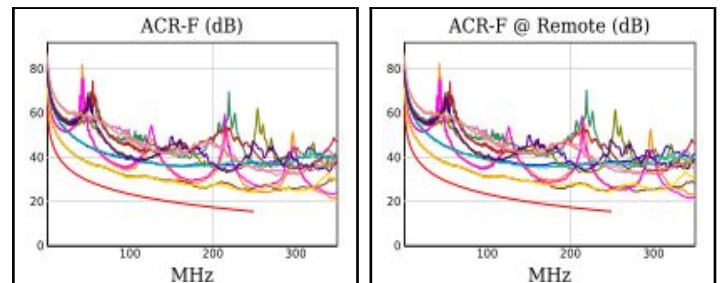
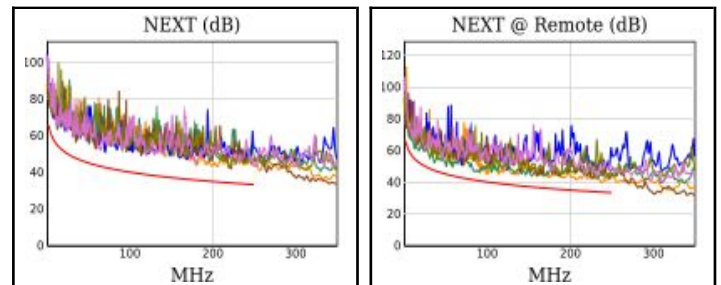
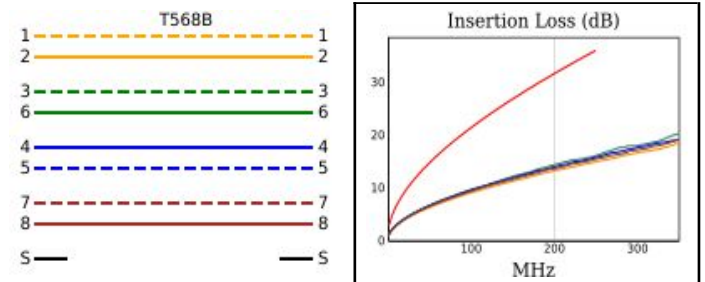
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	1,2	3,6
RL (dB)	3.7	3.4	8.5	6.8
Freq. (MHz)	32.5	39.8	202.0	223.5
Limit (dB)	16.4	16.0	8.9	8.5

Compliant Network Standards:

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



PASS





Cable ID: 02-10-04

Date / Time: 08/08/2025 02:09:27 PM

Headroom: 5.2 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

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 1,2]	190
Prop. Delay (ns), Limit 555	[Pair 3,6]	295
Delay Skew (ns), Limit 50	[Pair 3,6]	15
Resistance (ohms)	[Pair 3,6]	9.4
Insertion Loss Margin (dB)	[Pair 3,6]	15.8
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	1,2-3,6	3,6-4,5	1,2-3,6	3,6-4,5
NEXT (dB)	5.2	7.3	5.2	7.3
Freq. (MHz)	247.0	229.5	247.0	229.5
Limit (dB)	33.2	33.8	33.2	33.8
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	5.5	8.0	6.3	8.0
Freq. (MHz)	177.5	229.5	247.5	229.5
Limit (dB)	32.8	30.8	30.2	30.8

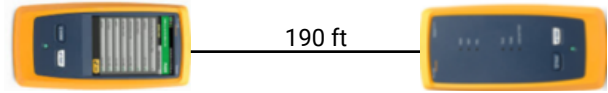
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	3,6-4,5	4,5-3,6	3,6-4,5
ACR-F (dB)	11.3	11.9	11.3	11.9
Freq. (MHz)	250.0	250.0	250.0	250.0
Limit (dB)	15.3	15.3	15.3	15.3
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	12.4	12.5	12.4	13.5
Freq. (MHz)	250.0	1.0	250.0	249.5
Limit (dB)	12.3	60.3	12.3	12.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	4,5-7,8	3,6-4,5	1,2-3,6	3,6-4,5
ACR-N (dB)	11.7	11.1	21.0	23.0
Freq. (MHz)	6.8	3.3	247.0	229.5
Limit (dB)	54.2	60.9	-2.5	-0.4
Worst Pair	4,5	3,6	3,6	3,6
PS ACR-N (dB)	12.9	12.0	22.1	22.9
Freq. (MHz)	4.6	3.3	247.5	229.5
Limit (dB)	55.2	58.4	-5.5	-3.4

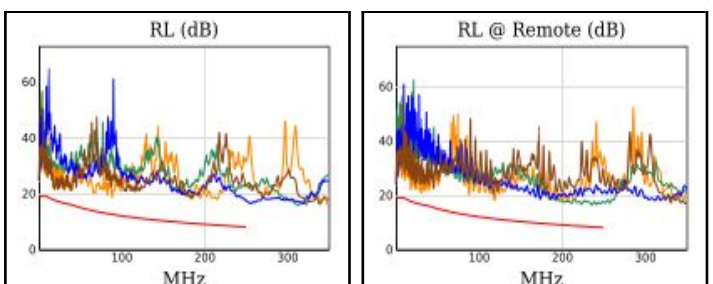
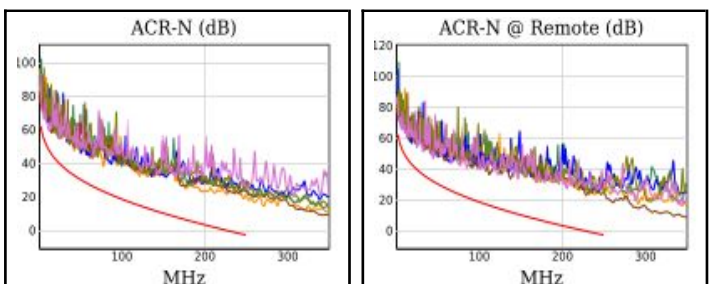
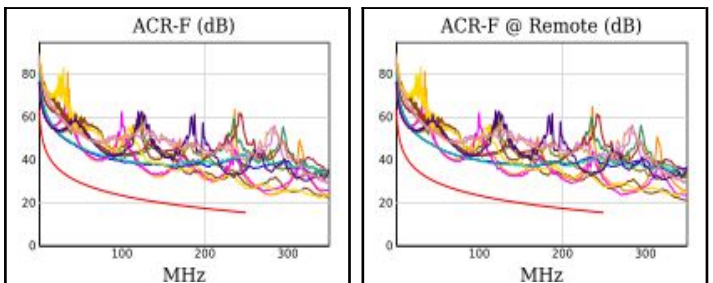
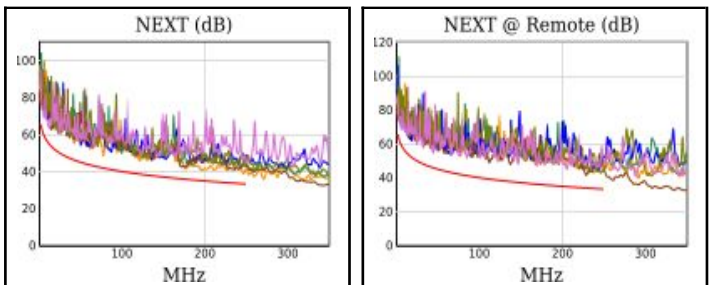
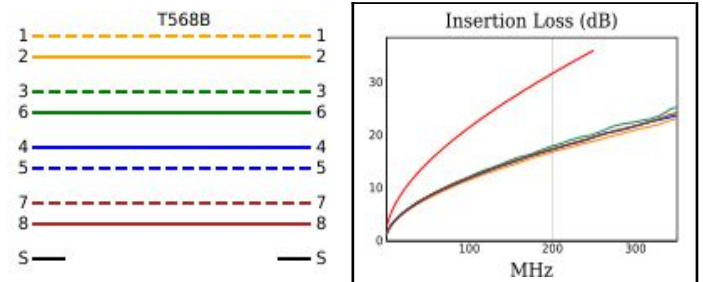
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	4,5	3,6
RL (dB)	3.9	4.2	9.6	7.9
Freq. (MHz)	19.8	18.4	250.0	236.0
Limit (dB)	17.5	17.7	8.0	8.3

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: 02-10-05

Date / Time: 08/08/2025 02:11:19 PM

Headroom: 5.4 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

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

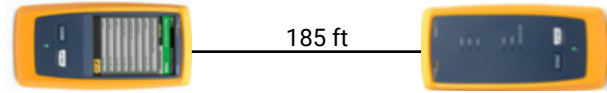
Remote S/N: 1927408

Main Adapter: DSX-CHA804

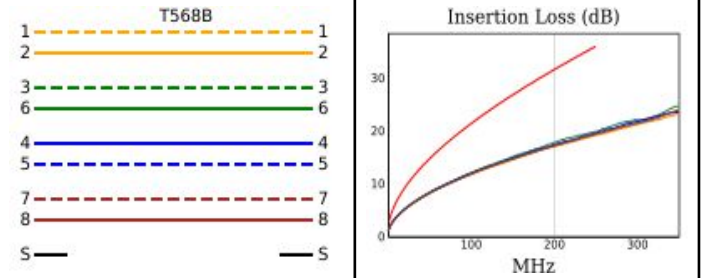
Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 4,5]	185
Prop. Delay (ns), Limit 555	[Pair 7,8]	289
Delay Skew (ns), Limit 50	[Pair 7,8]	16
Resistance (ohms)	[Pair 3,6]	9.5
Insertion Loss Margin (dB)	[Pair 3,6]	16.1
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9



PASS



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-4,5	3,6-7,8	3,6-4,5
NEXT (dB)	6.6	5.4	7.0	5.4
Freq. (MHz)	215.5	247.5	238.0	247.5
Limit (dB)	34.2	33.2	33.5	33.2
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	7.9	6.8	8.0	6.8
Freq. (MHz)	216.0	247.5	239.5	247.5
Limit (dB)	31.3	30.2	30.5	30.2

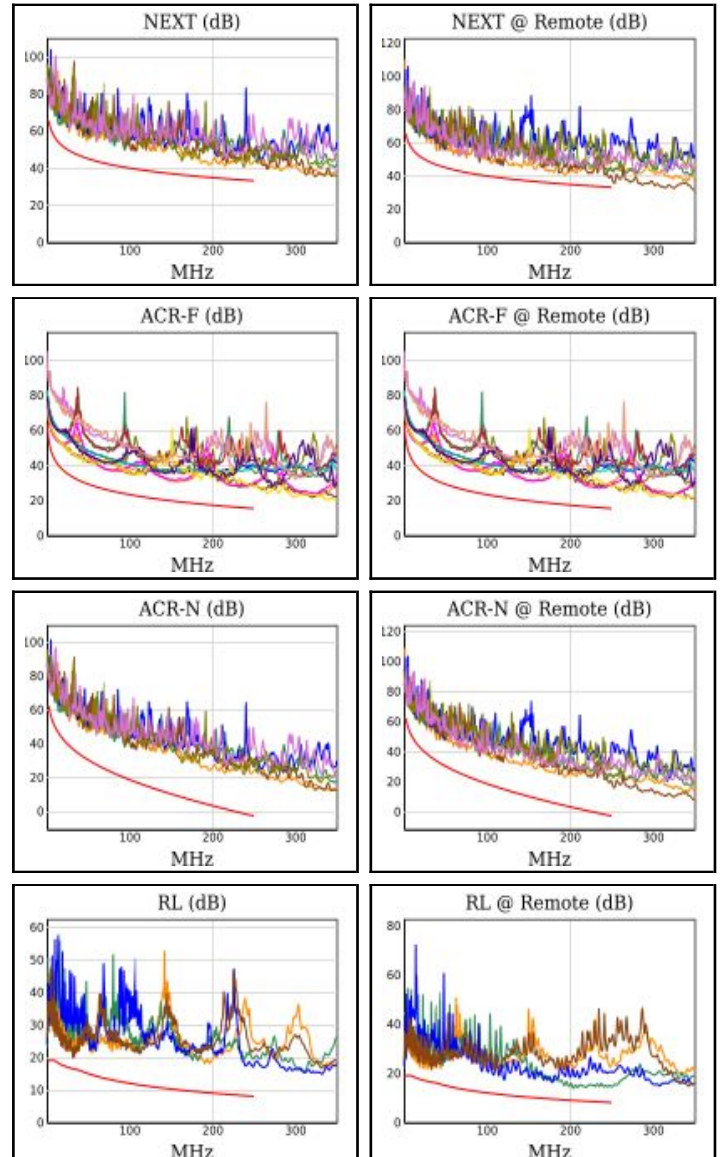
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-F (dB)	11.1	11.2	11.5	11.2
Freq. (MHz)	158.0	236.0	232.0	236.0
Limit (dB)	19.3	15.8	15.9	15.8
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	11.0	11.1	12.6	11.4
Freq. (MHz)	1.4	1.0	243.0	232.5
Limit (dB)	57.5	60.3	12.5	12.9

N/A	MAIN	SR	MAIN	SR
Worst Pair	4,5-7,8	3,6-4,5	3,6-7,8	3,6-4,5
ACR-N (dB)	12.8	12.7	23.2	21.7
Freq. (MHz)	5.4	5.0	238.5	247.5
Limit (dB)	56.3	57.0	-1.5	-2.5
Worst Pair	4,5	4,5	3,6	3,6
PS ACR-N (dB)	12.5	13.1	23.7	22.8
Freq. (MHz)	5.0	5.0	239.5	247.5
Limit (dB)	54.5	54.5	-4.6	-5.5

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	4,5	3,6
RL (dB)	3.3	4.6	9.0	5.0
Freq. (MHz)	31.8	23.1	249.5	204.5
Limit (dB)	16.5	17.2	8.0	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: 02-10-06

Date / Time: 10/14/2025 05:34:30 PM

Headroom: 2.5 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

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 4,5]	187
Prop. Delay (ns), Limit 555	[Pair 7,8]	293
Delay Skew (ns), Limit 50	[Pair 7,8]	17
Resistance (ohms)	[Pair 1,2]	18.9
Insertion Loss Margin (dB)	[Pair 3,6]	15.9
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-7,8	3,6-4,5	3,6-7,8
NEXT (dB)	5.7	2.5	5.7	2.5
Freq. (MHz)	228.0	182.0	228.0	182.0
Limit (dB)	33.8	35.5	33.8	35.5
Worst Pair	3,6	3,6	4,5	3,6
PS NEXT (dB)	6.6	4.2	7.2	4.2
Freq. (MHz)	228.0	196.5	250.0	196.5
Limit (dB)	30.9	32.0	30.2	32.0

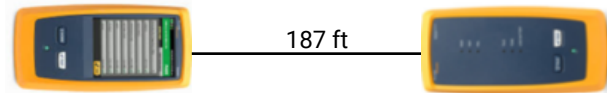
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-F (dB)	10.2	10.0	10.3	10.1
Freq. (MHz)	206.0	209.0	207.5	210.0
Limit (dB)	17.0	16.9	16.9	16.8
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	11.9	11.3	12.1	11.3
Freq. (MHz)	65.3	228.5	217.5	228.5
Limit (dB)	24.0	13.1	13.5	13.1

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	1,2-3,6	3,6-4,5
ACR-N (dB)	11.2	10.4	21.4	22.4
Freq. (MHz)	4.5	5.0	236.5	250.0
Limit (dB)	58.0	57.0	-1.3	-2.8
Worst Pair	3,6	3,6	4,5	3,6
PS ACR-N (dB)	12.0	9.9	23.6	22.4
Freq. (MHz)	5.0	5.0	250.0	250.0
Limit (dB)	54.5	54.5	-5.8	-5.8

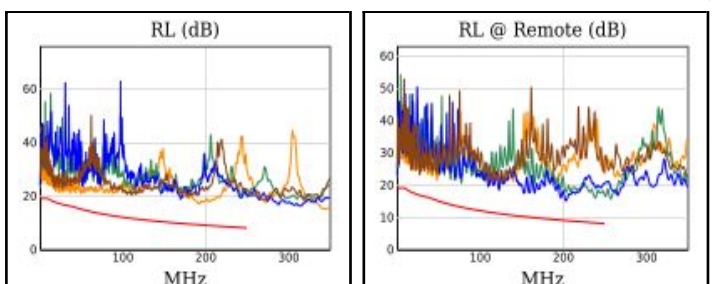
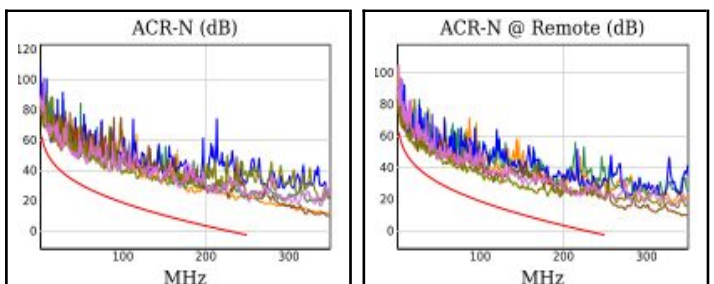
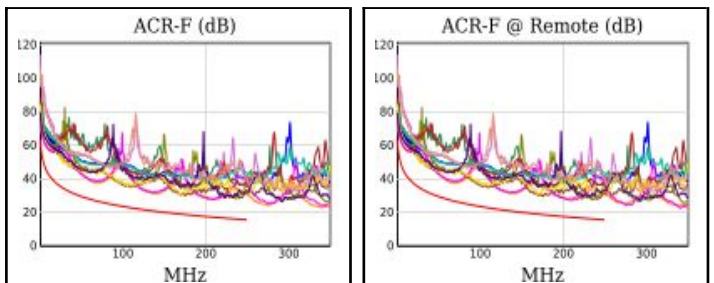
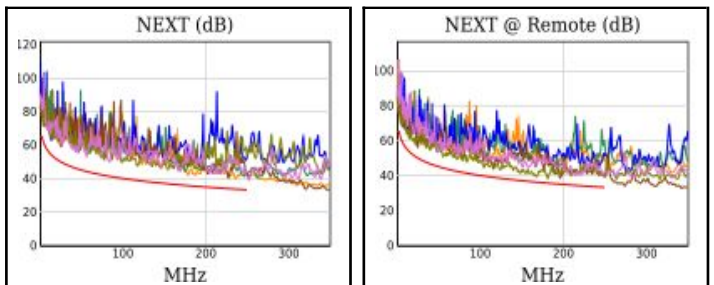
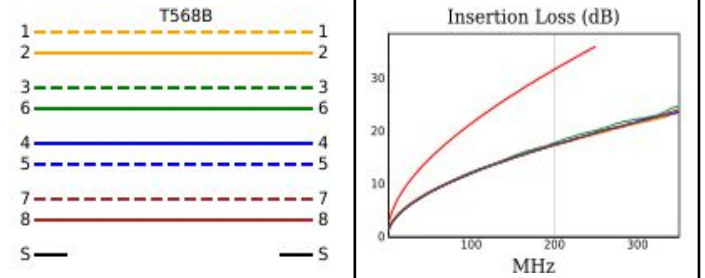
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	4,5	1,2	4,5
RL (dB)	4.0	6.0	7.8	6.0
Freq. (MHz)	19.4	203.5	193.0	203.5
Limit (dB)	17.6	8.9	9.1	8.9

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: 02-10-07

Date / Time: 08/08/2025 02:45:53 PM

Headroom: 4.1 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

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

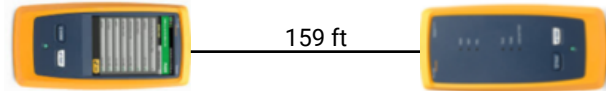
Remote S/N: 1927408

Main Adapter: DSX-CHA804

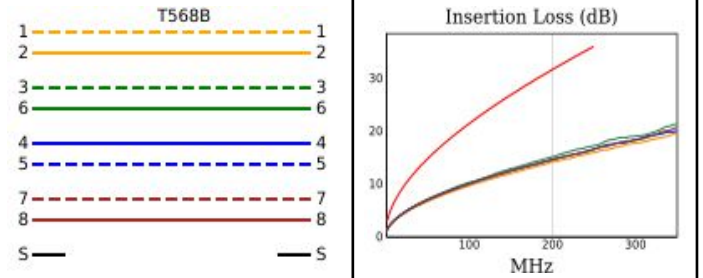
Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 1,2]	159
Prop. Delay (ns), Limit 555	[Pair 3,6]	247
Delay Skew (ns), Limit 50	[Pair 3,6]	13
Resistance (ohms)	[Pair 3,6]	7.9
Insertion Loss Margin (dB)	[Pair 3,6]	18.8
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	1,2-3,6	1,2-3,6	3,6-4,5	1,2-3,6
NEXT (dB)	5.0	4.1	5.1	4.1
Freq. (MHz)	190.0	218.0	237.5	218.0
Limit (dB)	35.2	34.1	33.5	34.1
Worst Pair	3,6	3,6	3,6	1,2
PS NEXT (dB)	6.5	5.8	6.5	6.5
Freq. (MHz)	240.0	195.0	240.0	218.0
Limit (dB)	30.5	32.0	30.5	31.2

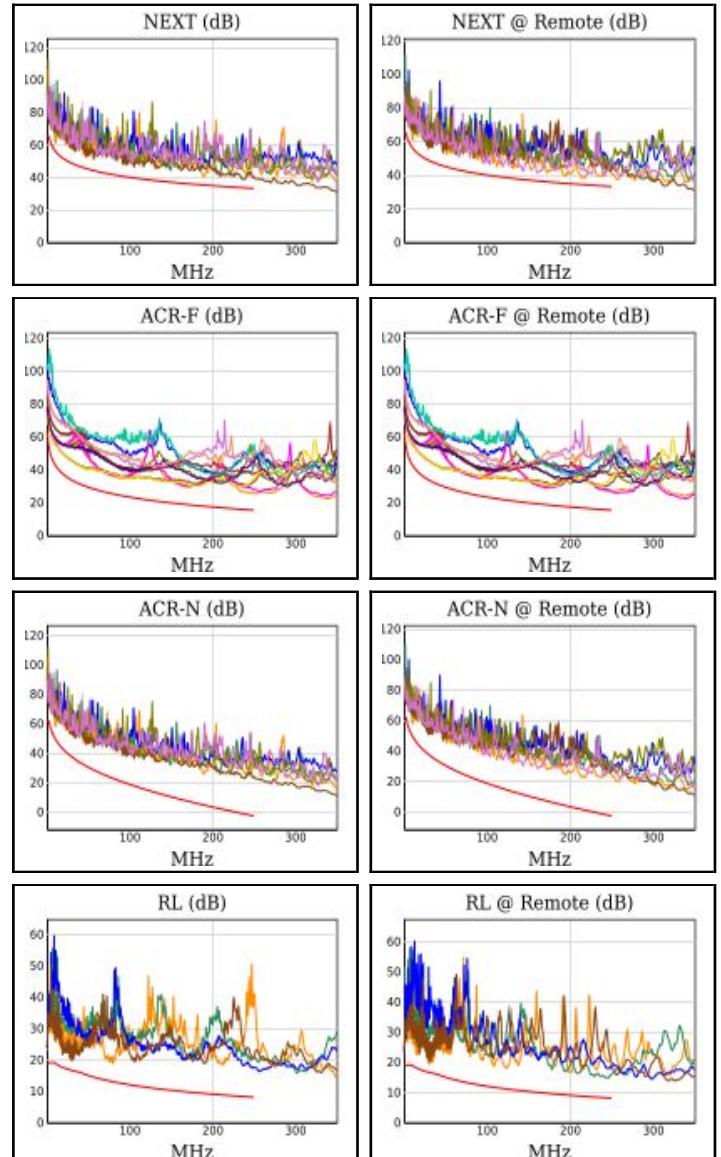
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-F (dB)	10.0	10.4	10.0	11.0
Freq. (MHz)	245.0	171.5	245.0	250.0
Limit (dB)	15.5	18.6	15.5	15.3
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	10.4	10.2	11.9	12.9
Freq. (MHz)	96.0	91.8	244.5	250.0
Limit (dB)	20.6	21.0	12.5	12.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	3,6-4,5	1,2-3,6
ACR-N (dB)	8.6	8.4	24.3	23.6
Freq. (MHz)	10.9	11.0	239.5	237.5
Limit (dB)	49.4	49.3	-1.6	-1.4
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	10.3	9.9	24.8	25.4
Freq. (MHz)	10.9	10.9	240.0	237.5
Limit (dB)	46.8	46.8	-4.6	-4.3

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	4,5	3,6
RL (dB)	2.9	2.6	9.2	6.5
Freq. (MHz)	30.6	30.9	248.5	246.5
Limit (dB)	16.6	16.6	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: 02-10-08

Date / Time: 08/08/2025 02:35:51 PM

Headroom: 3.9 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

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 1,2]	145
Prop. Delay (ns), Limit 555	[Pair 3,6]	227
Delay Skew (ns), Limit 50	[Pair 3,6]	13
Resistance (ohms)	[Pair 4,5]	7.3
Insertion Loss Margin (dB)	[Pair 3,6]	20.2
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	3,6-4,5	3,6-7,8	1,2-3,6
NEXT (dB)	6.1	3.9	7.4	5.0
Freq. (MHz)	43.5	107.5	222.5	189.0
Limit (dB)	46.0	39.4	34.0	35.2
Worst Pair	3,6	1,2	7,8	3,6
PS NEXT (dB)	7.5	6.2	8.2	6.4
Freq. (MHz)	84.8	43.5	230.0	189.0
Limit (dB)	38.3	43.3	30.8	32.3

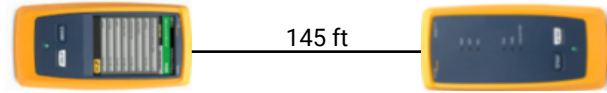
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	4,5-3,6
ACR-F (dB)	10.3	10.3	12.8	12.6
Freq. (MHz)	95.5	1.8	250.0	246.5
Limit (dB)	23.7	58.4	15.3	15.4
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	11.1	11.5	13.9	12.8
Freq. (MHz)	95.5	100.0	250.0	250.0
Limit (dB)	20.7	20.3	12.3	12.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-7,8	3,6-7,8	3,6-4,5
ACR-N (dB)	10.5	9.1	27.0	28.2
Freq. (MHz)	3.3	3.3	222.5	250.0
Limit (dB)	60.9	60.9	0.4	-2.8
Worst Pair	7,8	7,8	4,5	4,5
PS ACR-N (dB)	11.7	10.9	29.1	29.2
Freq. (MHz)	3.3	3.3	244.0	250.0
Limit (dB)	58.4	58.4	-5.1	-5.8

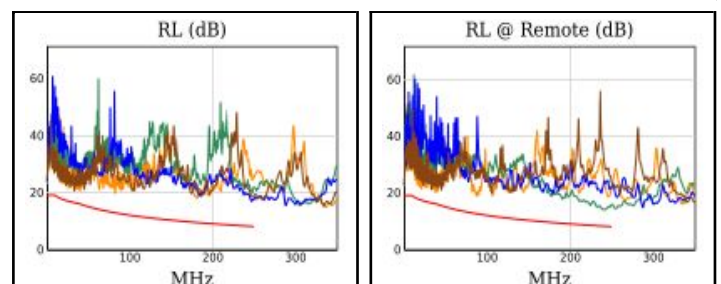
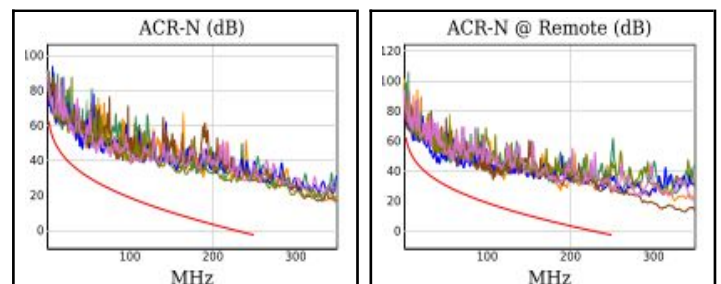
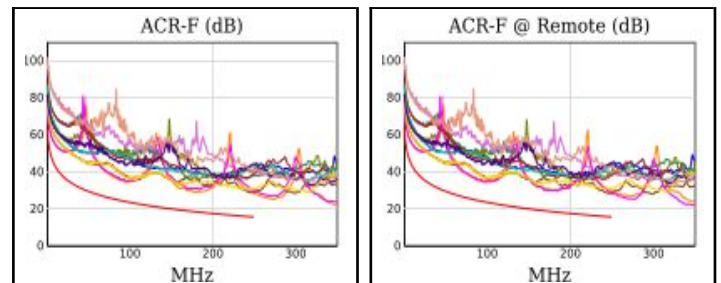
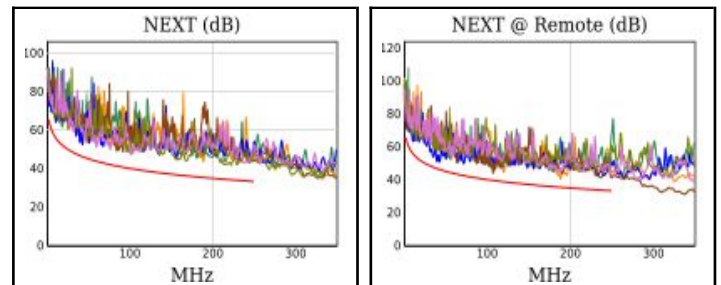
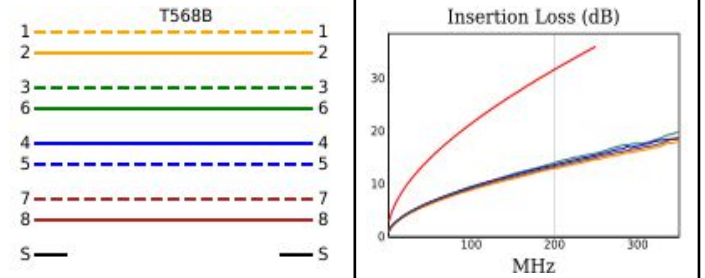
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	4,5	3,6
RL (dB)	4.0	3.7	8.7	5.8
Freq. (MHz)	33.5	38.5	247.5	242.5
Limit (dB)	16.4	16.1	8.1	8.2

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		



PASS





Cable ID: 02-10-09

Date / Time: 10/14/2025 05:47:23 PM

Headroom: 4.6 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

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

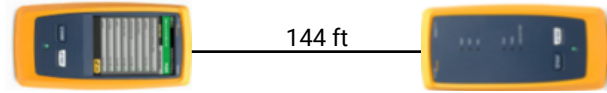
Remote S/N: 1927408

Main Adapter: DSX-CHA804

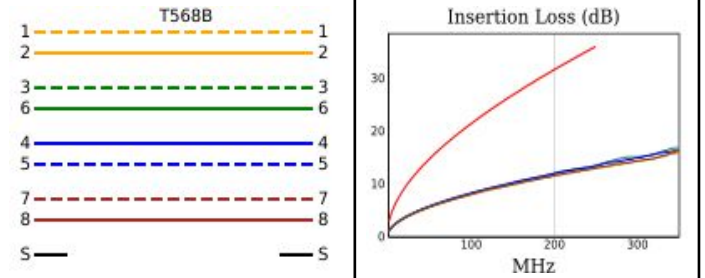
Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 7,8]	144
Prop. Delay (ns), Limit 555	[Pair 4,5]	222
Delay Skew (ns), Limit 50	[Pair 4,5]	10
Resistance (ohms)	[Pair 7,8]	9.7
Insertion Loss Margin (dB)	[Pair 3,6]	22.5
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9



PASS



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-4,5	1,2-3,6	3,6-4,5
NEXT (dB)	4.6	4.8	5.4	4.8
Freq. (MHz)	193.0	249.5	240.5	249.5
Limit (dB)	35.0	33.1	33.4	33.1
Worst Pair	3,6	4,5	3,6	4,5
PS NEXT (dB)	5.9	6.2	5.9	6.2
Freq. (MHz)	243.5	249.5	243.5	249.5
Limit (dB)	30.4	30.2	30.4	30.2

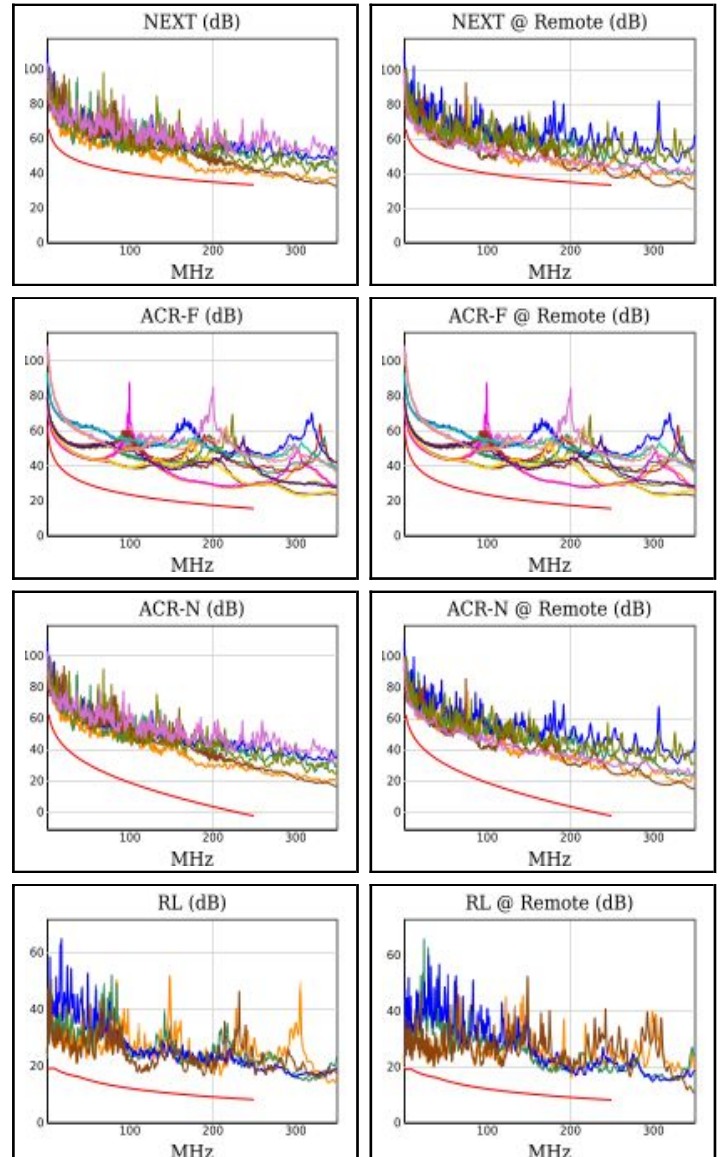
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	3,6-1,2
ACR-F (dB)	10.6	10.9	10.8	11.2
Freq. (MHz)	215.0	218.0	225.5	225.5
Limit (dB)	16.6	16.5	16.2	16.2
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	11.7	12.0	13.1	12.7
Freq. (MHz)	1.0	1.0	250.0	239.0
Limit (dB)	60.3	60.3	12.3	12.7

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-4,5	1,2-3,6	3,6-4,5
ACR-N (dB)	13.3	11.9	27.5	27.4
Freq. (MHz)	17.3	4.4	240.5	249.5
Limit (dB)	44.3	58.2	-1.7	-2.8
Worst Pair	3,6	4,5	3,6	4,5
PS ACR-N (dB)	15.4	13.1	28.2	28.8
Freq. (MHz)	17.3	4.4	243.5	249.5
Limit (dB)	41.7	55.7	-5.0	-5.7

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	1,2	1,2	1,2
RL (dB)	4.4	3.7	7.5	7.0
Freq. (MHz)	36.3	36.3	210.0	202.0
Limit (dB)	16.2	16.2	8.8	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: 02-10-10

Date / Time: 10/14/2025 05:40:12 PM

Headroom: 5.3 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

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

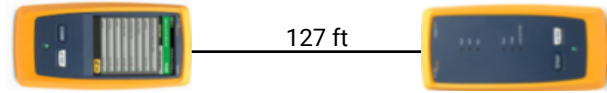
Remote S/N: 1927408

Main Adapter: DSX-CHA804

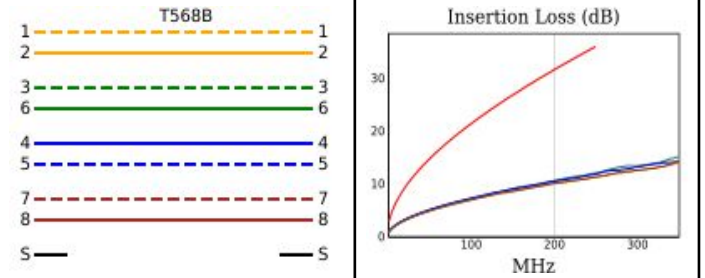
Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 7,8]	127
Prop. Delay (ns), Limit 555	[Pair 4,5]	196
Delay Skew (ns), Limit 50	[Pair 4,5]	9
Resistance (ohms)	[Pair 7,8]	6.4
Insertion Loss Margin (dB)	[Pair 3,6]	23.9
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

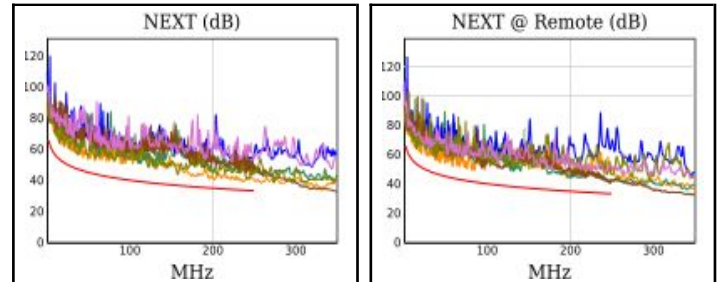


PASS

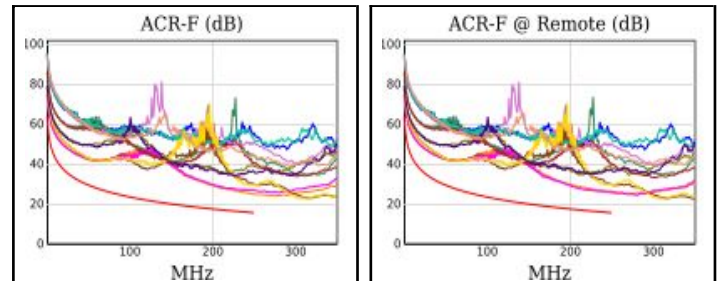


Worst Case Margin Worst Case Value

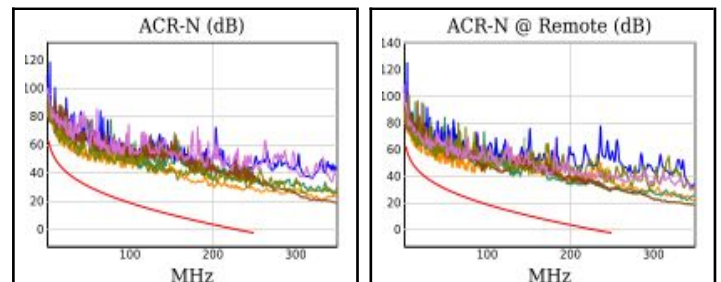
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-4,5	1,2-3,6	1,2-4,5
NEXT (dB)	5.3	7.1	5.3	7.1
Freq. (MHz)	237.0	249.0	237.0	249.0
Limit (dB)	33.5	33.1	33.5	33.1
Worst Pair	3,6	4,5	3,6	4,5
PS NEXT (dB)	6.9	7.4	7.0	7.4
Freq. (MHz)	202.0	248.5	241.5	248.5
Limit (dB)	31.8	30.2	30.4	30.2



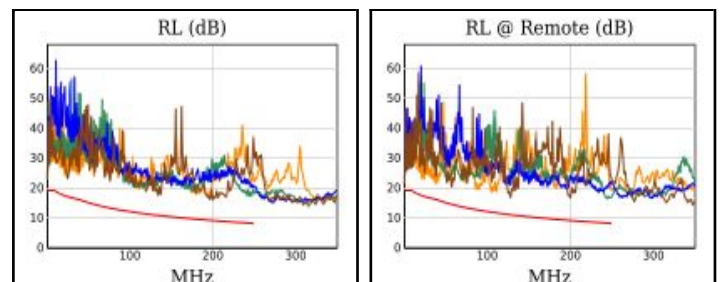
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-1,2	1,2-3,6	3,6-1,2
ACR-F (dB)	9.3	10.0	9.3	10.0
Freq. (MHz)	249.5	249.5	249.5	249.5
Limit (dB)	15.3	15.3	15.3	15.3
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	10.7	11.6	10.8	11.8
Freq. (MHz)	245.5	1.0	249.5	250.0
Limit (dB)	12.5	60.3	12.3	12.3



N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	1,2-3,6	1,2-3,6	1,2-4,5
ACR-N (dB)	15.6	14.5	28.5	31.1
Freq. (MHz)	15.4	4.6	237.0	249.0
Limit (dB)	45.6	57.7	-1.3	-2.7
Worst Pair	3,6	3,6	3,6	4,5
PS ACR-N (dB)	15.9	14.4	31.4	31.4
Freq. (MHz)	4.0	4.6	250.0	248.5
Limit (dB)	56.5	55.2	-5.8	-5.6



PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	7,8	3,6
RL (dB)	6.1	5.0	6.7	8.1
Freq. (MHz)	25.6	38.8	201.0	244.5
Limit (dB)	17.0	16.1	9.0	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: 02-10-11

Date / Time: 08/08/2025 02:58:42 PM

Headroom: 1.4 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

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 1,2]	168
Prop. Delay (ns), Limit 555	[Pair 3,6]	261
Delay Skew (ns), Limit 50	[Pair 3,6]	14
Resistance (ohms)	[Pair 7,8]	8.8
Insertion Loss Margin (dB)	[Pair 3,6]	18.0
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-7,8	1,2-3,6	4,5-7,8
NEXT (dB)	4.5	1.4	6.2	2.5
Freq. (MHz)	20.5	72.8	238.0	205.5
Limit (dB)	51.5	42.3	33.5	34.6
Worst Pair	4,5	4,5	1,2	4,5
PS NEXT (dB)	5.0	3.3	5.8	5.7
Freq. (MHz)	20.5	20.8	245.5	237.0
Limit (dB)	48.8	48.7	30.3	30.6

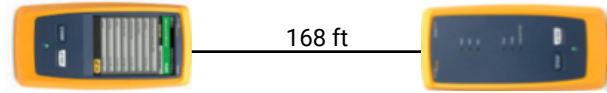
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	3,6-4,5	1,2-3,6	1,2-3,6
ACR-F (dB)	5.6	5.7	8.7	9.2
Freq. (MHz)	25.6	25.6	235.0	231.5
Limit (dB)	35.1	35.1	15.8	16.0
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	8.2	8.3	11.0	11.8
Freq. (MHz)	19.5	19.5	235.0	231.5
Limit (dB)	34.5	34.5	12.8	13.0

N/A	MAIN	SR	MAIN	SR
Worst Pair	4,5-7,8	4,5-7,8	1,2-3,6	4,5-7,8
ACR-N (dB)	8.5	6.3	23.8	22.3
Freq. (MHz)	7.6	7.6	238.0	235.0
Limit (dB)	53.0	53.0	-1.4	-1.1
Worst Pair	4,5	4,5	1,2	3,6
PS ACR-N (dB)	9.5	7.6	25.3	24.0
Freq. (MHz)	7.5	7.5	245.5	241.0
Limit (dB)	50.6	50.6	-5.3	-4.7

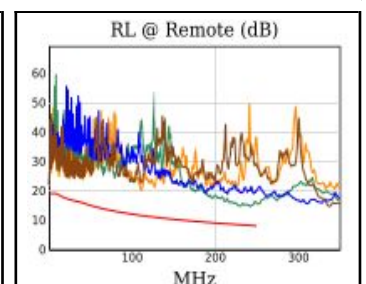
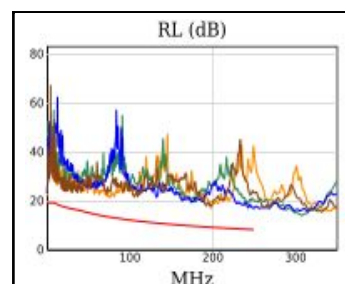
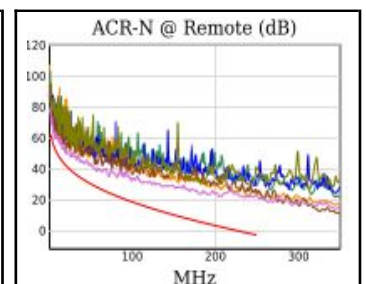
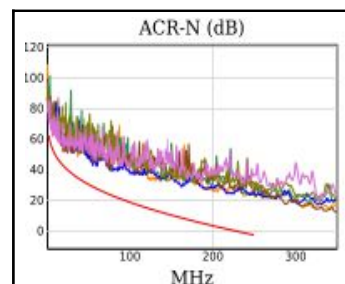
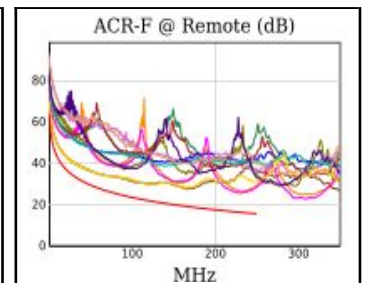
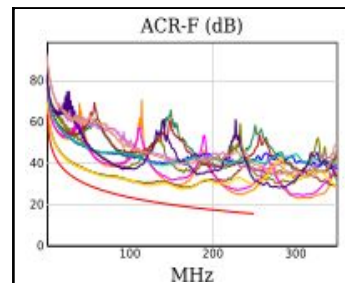
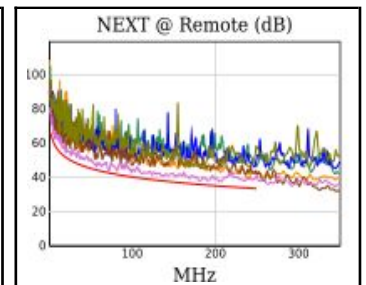
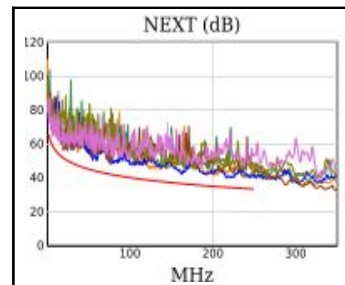
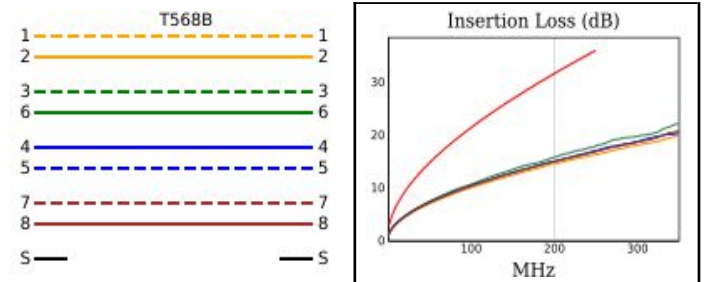
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	1,2	3,6
RL (dB)	6.5	6.3	7.7	6.3
Freq. (MHz)	22.8	12.6	198.5	242.0
Limit (dB)	17.2	18.5	9.0	8.2

Compliant Network Standards:

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



PASS





Cable ID: 02-10-12

Date / Time: 10/14/2025 05:45:23 PM

Headroom: 5.7 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

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]	158
Prop. Delay (ns), Limit 555	[Pair 4,5]	244
Delay Skew (ns), Limit 50	[Pair 4,5]	11
Resistance (ohms)	[Pair 7,8]	7.7
Insertion Loss Margin (dB)	[Pair 3,6]	21.1
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-7,8	1,2-3,6	3,6-7,8
NEXT (dB)	7.0	5.7	7.0	5.7
Freq. (MHz)	195.0	229.5	195.0	229.5
Limit (dB)	35.0	33.8	35.0	33.8
Worst Pair	1,2	3,6	4,5	3,6
PS NEXT (dB)	8.0	6.9	8.1	7.9
Freq. (MHz)	193.5	34.8	236.5	245.0
Limit (dB)	32.1	44.9	30.6	30.3

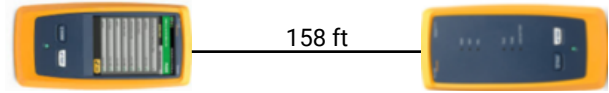
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	3,6-4,5	4,5-3,6
ACR-F (dB)	9.7	9.4	9.8	9.4
Freq. (MHz)	240.0	242.0	242.0	242.0
Limit (dB)	15.7	15.6	15.6	15.6
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	12.0	11.7	12.0	11.7
Freq. (MHz)	234.5	242.0	234.5	242.0
Limit (dB)	12.9	12.6	12.9	12.6

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-7,8	1,2-3,6	3,6-7,8
ACR-N (dB)	14.4	11.3	30.7	28.0
Freq. (MHz)	12.5	3.0	249.5	243.0
Limit (dB)	47.9	61.5	-2.8	-2.0
Worst Pair	3,6	3,6	4,5	3,6
PS ACR-N (dB)	14.3	12.2	30.1	28.8
Freq. (MHz)	3.3	3.3	249.5	245.0
Limit (dB)	58.4	58.4	-5.7	-5.2

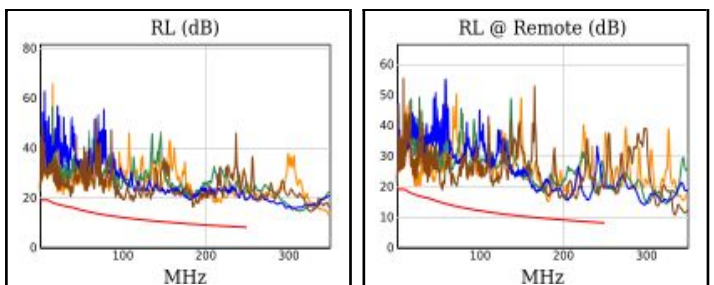
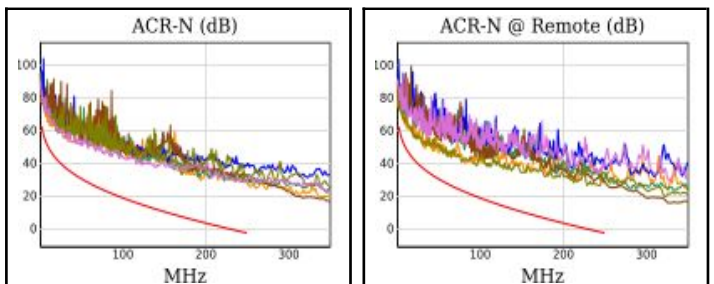
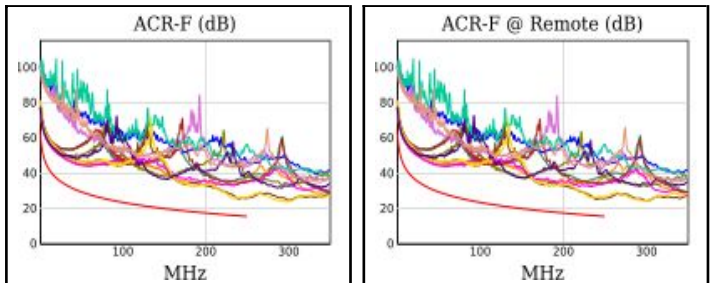
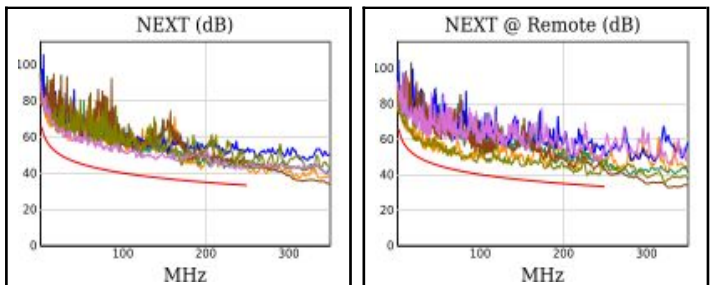
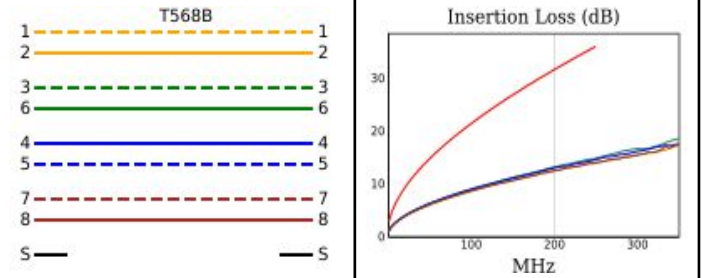
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	7,8	1,2
RL (dB)	4.2	2.9	6.7	5.6
Freq. (MHz)	37.8	24.3	185.5	183.0
Limit (dB)	16.1	17.1	9.3	9.4

Compliant Network Standards:

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



PASS





Cable ID: 02-10-13

Date / Time: 10/14/2025 05:44:26 PM

Headroom: 4.9 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

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]	158
Prop. Delay (ns), Limit 555	[Pair 4,5]	244
Delay Skew (ns), Limit 50	[Pair 4,5]	11
Resistance (ohms)	[Pair 3,6]	7.2
Insertion Loss Margin (dB)	[Pair 3,6]	21.1
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-4,5	1,2-3,6	3,6-7,8
NEXT (dB)	4.9	5.8	4.9	6.7
Freq. (MHz)	215.5	205.0	215.5	247.0
Limit (dB)	34.2	34.6	34.2	33.2
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	6.6	6.5	7.0	6.5
Freq. (MHz)	216.0	247.0	245.5	247.0
Limit (dB)	31.3	30.2	30.3	30.2

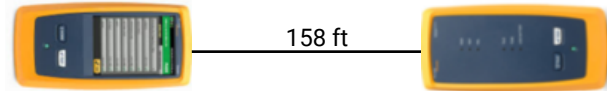
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-1,2	1,2-3,6	1,2-3,6
ACR-F (dB)	10.1	10.5	10.1	10.9
Freq. (MHz)	208.5	192.5	208.5	223.5
Limit (dB)	16.9	17.6	16.9	16.3
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	11.5	11.7	12.8	13.2
Freq. (MHz)	1.4	1.0	238.5	223.5
Limit (dB)	57.5	60.3	12.7	13.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-7,8	1,2-3,6	3,6-4,5
ACR-N (dB)	13.2	12.1	24.2	28.6
Freq. (MHz)	4.0	11.4	215.5	250.0
Limit (dB)	59.0	48.9	1.3	-2.8
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	14.6	13.2	28.0	27.5
Freq. (MHz)	3.6	10.5	245.5	247.0
Limit (dB)	57.4	47.2	-5.3	-5.4

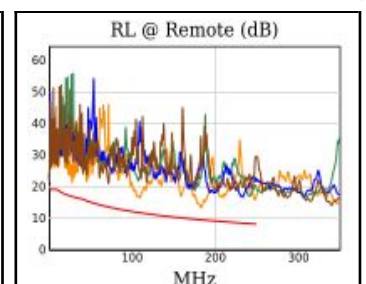
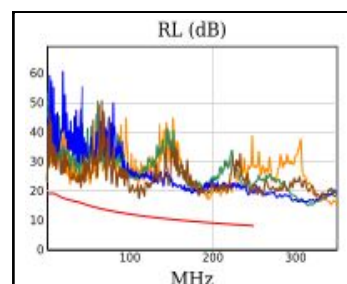
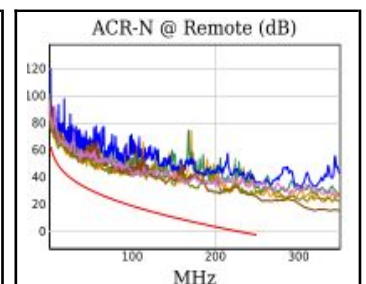
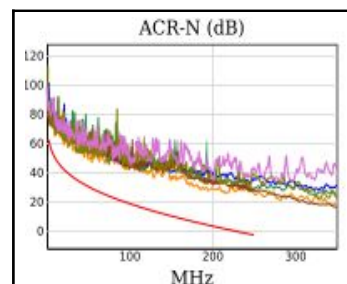
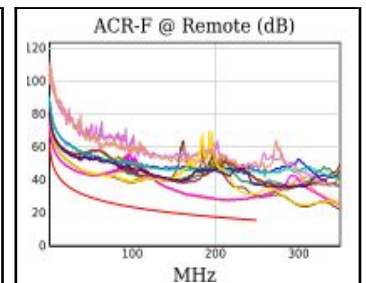
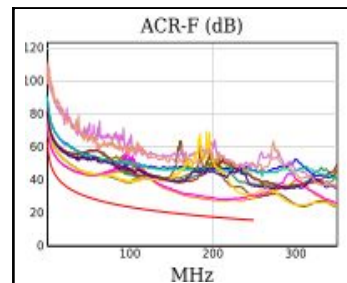
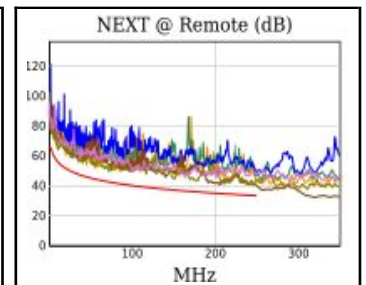
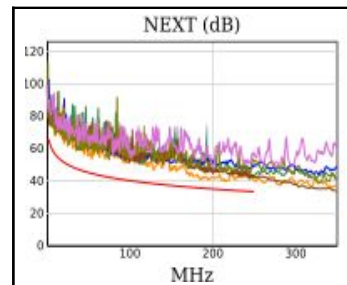
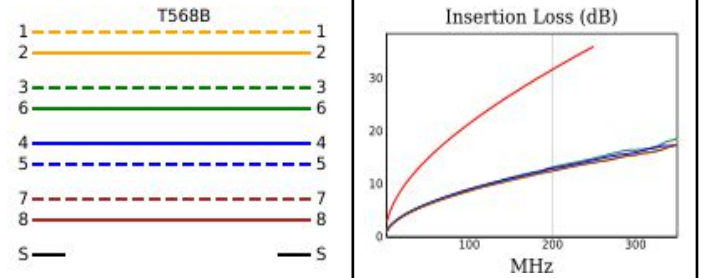
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	1,2	1,2
RL (dB)	5.3	3.6	7.7	3.6
Freq. (MHz)	41.8	183.5	195.0	183.5
Limit (dB)	15.8	9.4	9.1	9.4

Compliant Network Standards:

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



PASS





Cable ID: 02-10-14

Date / Time: 10/14/2025 05:42:21 PM

Headroom: 4.1 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

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]	158
Prop. Delay (ns), Limit 555	[Pair 4,5]	244
Delay Skew (ns), Limit 50	[Pair 4,5]	11
Resistance (ohms)	[Pair 7,8]	7.2
Insertion Loss Margin (dB)	[Pair 3,6]	21.3
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
NEXT (dB)	4.1	6.4	4.1	6.4
Freq. (MHz)	193.0	240.5	193.0	240.5
Limit (dB)	35.0	33.4	35.0	33.4
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	5.6	6.8	6.4	6.8
Freq. (MHz)	193.0	241.0	244.0	241.0
Limit (dB)	32.1	30.4	30.3	30.4

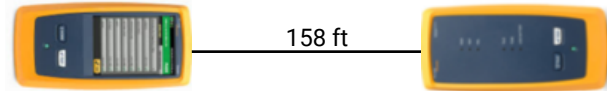
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	3,6-4,5	4,5-3,6
ACR-F (dB)	11.5	11.3	11.5	11.3
Freq. (MHz)	245.0	245.0	245.0	245.0
Limit (dB)	15.5	15.5	15.5	15.5
Worst Pair	1,2	3,6	3,6	3,6
PS ACR-F (dB)	12.6	12.0	13.1	12.0
Freq. (MHz)	1.4	245.0	244.5	245.0
Limit (dB)	57.5	12.5	12.5	12.5

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	3,6-4,5	1,2-3,6	1,2-3,6
ACR-N (dB)	16.7	16.5	28.2	27.1
Freq. (MHz)	3.6	2.5	250.0	240.5
Limit (dB)	59.9	61.8	-2.8	-1.7
Worst Pair	1,2	4,5	3,6	3,6
PS ACR-N (dB)	16.7	17.3	27.2	27.5
Freq. (MHz)	12.3	4.3	244.0	241.0
Limit (dB)	45.5	56.0	-5.1	-4.7

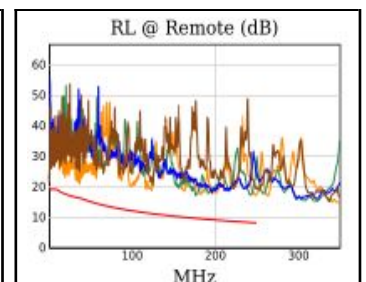
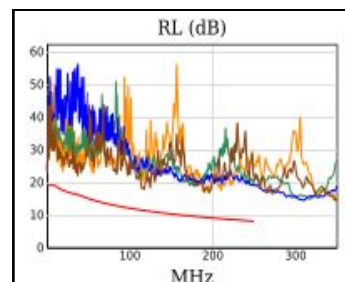
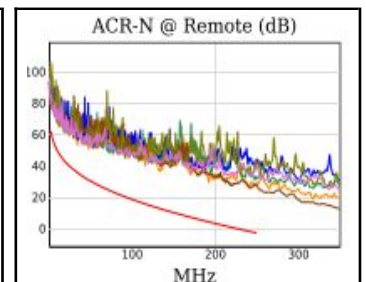
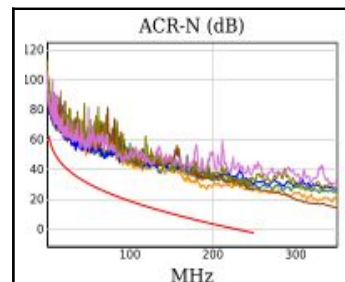
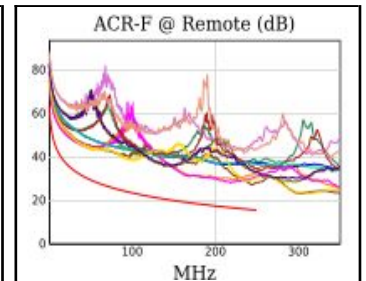
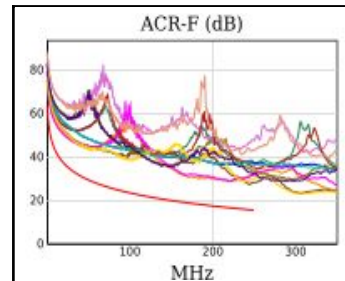
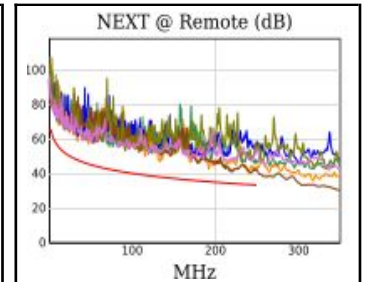
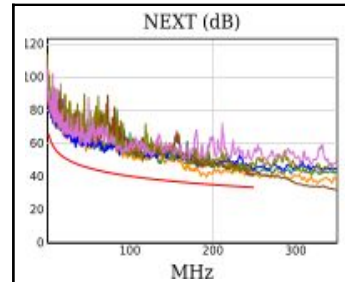
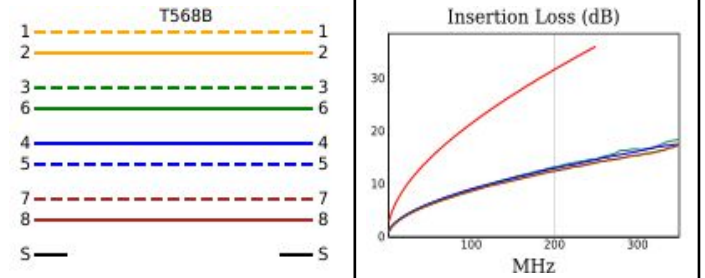
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	1,2	7,8	3,6
RL (dB)	5.7	4.5	7.5	7.3
Freq. (MHz)	20.0	37.5	196.0	177.0
Limit (dB)	17.5	16.1	9.1	9.5

Compliant Network Standards:

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



PASS





Cable ID: 02-10-16

Date / Time: 10/14/2025 05:48:34 PM

Headroom: 4.5 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

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]	10
Resistance (ohms)	[Pair 3,6]	7.0
Insertion Loss Margin (dB)	[Pair 3,6]	22.4
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-4,5	1,2-3,6	1,2-3,6
NEXT (dB)	5.7	4.5	6.6	5.3
Freq. (MHz)	216.5	100.0	243.5	216.0
Limit (dB)	34.2	39.9	33.3	34.2
Worst Pair	3,6	1,2	3,6	1,2
PS NEXT (dB)	7.0	5.5	7.1	5.5
Freq. (MHz)	243.5	216.0	244.0	216.0
Limit (dB)	30.4	31.3	30.3	31.3

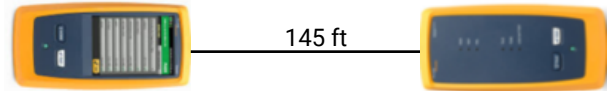
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-1,2	1,2-3,6	4,5-3,6
ACR-F (dB)	10.5	11.1	10.5	11.5
Freq. (MHz)	223.5	223.5	223.5	248.0
Limit (dB)	16.3	16.3	16.3	15.4
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	11.9	11.7	12.4	12.0
Freq. (MHz)	1.4	1.0	250.0	247.5
Limit (dB)	57.5	60.3	12.3	12.4

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-4,5	1,2-3,6	1,2-3,6
ACR-N (dB)	14.0	10.4	29.3	28.0
Freq. (MHz)	10.3	10.4	249.0	239.5
Limit (dB)	50.0	49.9	-2.7	-1.6
Worst Pair	4,5	4,5	3,6	1,2
PS ACR-N (dB)	14.6	11.7	29.2	28.9
Freq. (MHz)	7.8	10.3	244.0	239.0
Limit (dB)	50.3	47.4	-5.1	-4.5

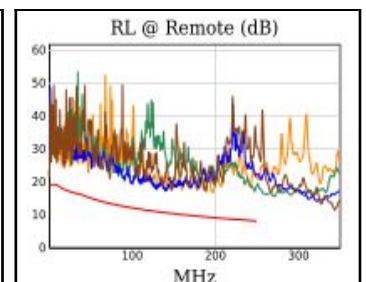
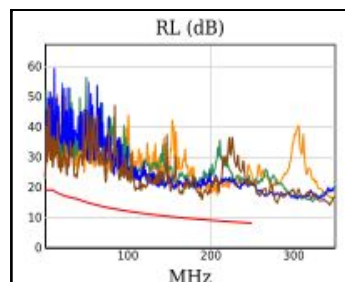
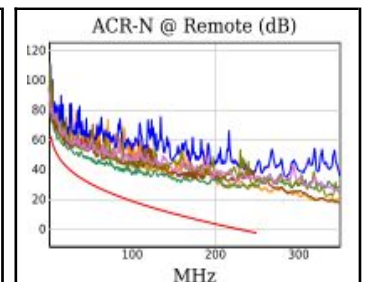
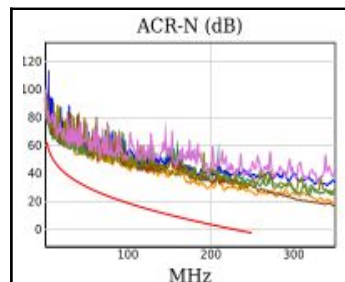
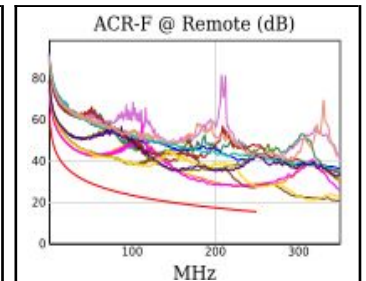
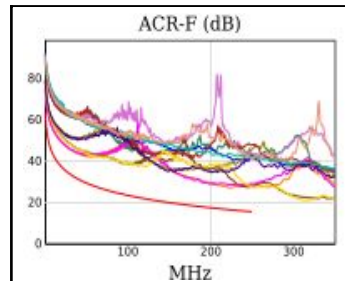
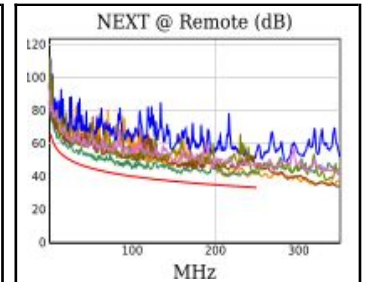
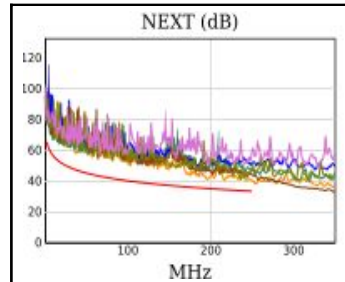
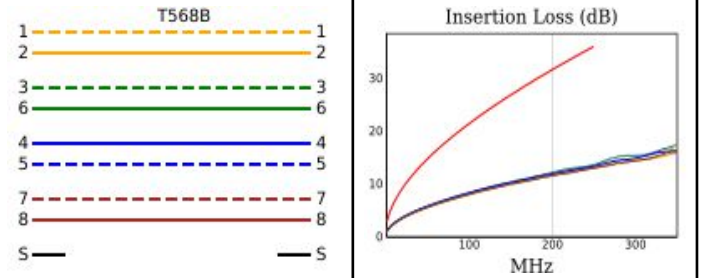
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	7,8	1,2
RL (dB)	6.3	6.5	6.3	7.5
Freq. (MHz)	190.0	19.4	190.0	198.0
Limit (dB)	9.2	17.6	9.2	9.0

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: 02-10-19

Date / Time: 08/08/2025 03:26:20 PM

Headroom: 5.7 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

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]	220
Prop. Delay (ns), Limit 555	[Pair 4,5]	339
Delay Skew (ns), Limit 50	[Pair 4,5]	14
Resistance (ohms)	[Pair 3,6]	10.0
Insertion Loss Margin (dB)	[Pair 3,6]	15.4
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-3,6	1,2-4,5	1,2-3,6
NEXT (dB)	5.7	7.3	5.9	8.5
Freq. (MHz)	223.0	135.5	231.5	250.0
Limit (dB)	34.0	37.7	33.7	33.1
Worst Pair	1,2	3,6	1,2	1,2
PS NEXT (dB)	6.5	8.6	7.5	9.2
Freq. (MHz)	177.5	117.5	245.5	250.0
Limit (dB)	32.8	35.9	30.3	30.2

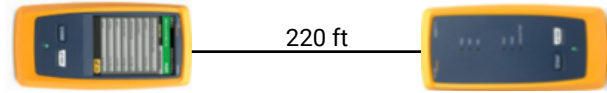
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	3,6-4,5	4,5-3,6
ACR-F (dB)	9.7	9.3	9.7	9.3
Freq. (MHz)	248.5	247.5	248.5	247.5
Limit (dB)	15.4	15.4	15.4	15.4
Worst Pair	3,6	3,6	4,5	3,6
PS ACR-F (dB)	12.2	11.2	12.3	11.2
Freq. (MHz)	1.0	248.5	249.0	248.5
Limit (dB)	60.3	12.4	12.3	12.4

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	1,2-4,5	1,2-3,6
ACR-N (dB)	13.0	10.5	22.1	23.9
Freq. (MHz)	2.8	3.0	247.0	250.0
Limit (dB)	61.6	61.5	-2.5	-2.8
Worst Pair	3,6	3,6	3,6	1,2
PS ACR-N (dB)	13.7	10.9	22.7	25.4
Freq. (MHz)	2.8	3.0	243.5	250.0
Limit (dB)	58.6	58.5	-5.0	-5.8

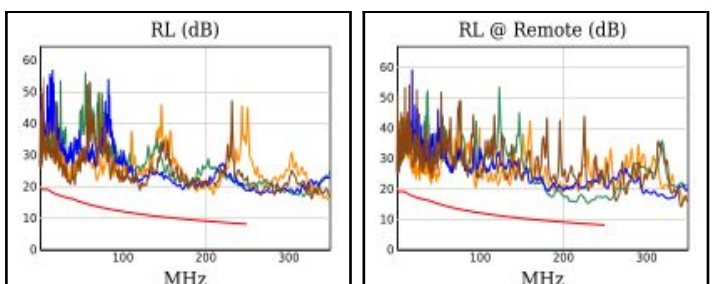
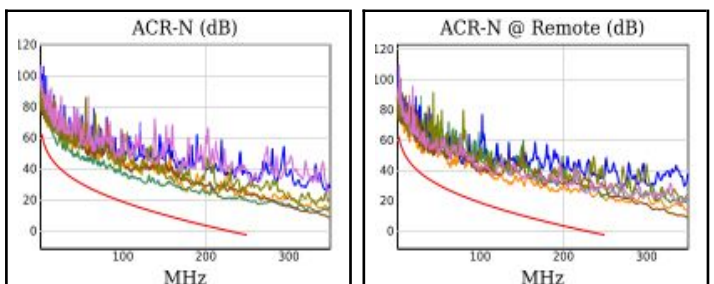
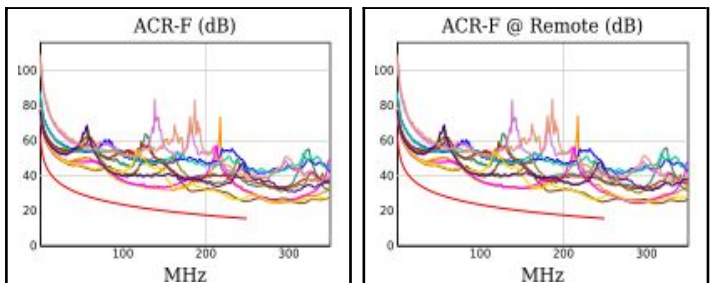
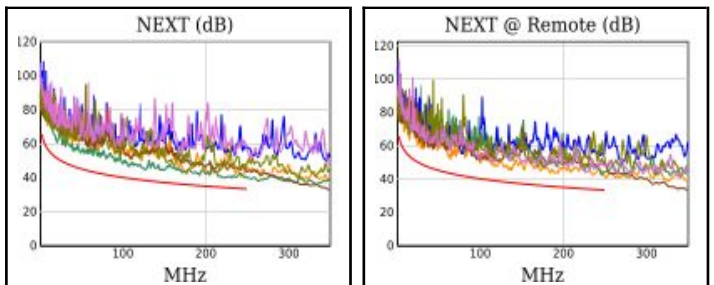
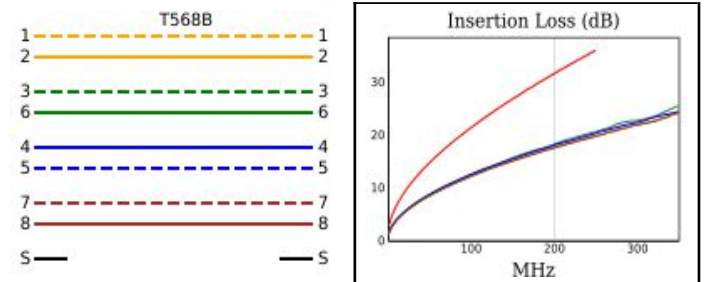
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	1,2	3,6
RL (dB)	4.5	5.6	8.4	6.9
Freq. (MHz)	37.5	42.0	210.0	231.5
Limit (dB)	16.1	15.8	8.8	8.4

Compliant Network Standards:

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



PASS





Cable ID: 02-10-20

Date / Time: 08/08/2025 03:34:19 PM

Headroom: 4.1 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

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]	228
Prop. Delay (ns), Limit 555	[Pair 4,5]	351
Delay Skew (ns), Limit 50	[Pair 4,5]	15
Resistance (ohms)	[Pair 3,6]	10.3
Insertion Loss Margin (dB)	[Pair 3,6]	14.7
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	1,2-3,6	3,6-7,8	3,6-7,8
NEXT (dB)	4.1	6.7	4.1	7.7
Freq. (MHz)	230.0	120.0	230.0	230.0
Limit (dB)	33.7	38.6	33.7	33.7
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	5.0	8.4	5.0	8.4
Freq. (MHz)	230.0	250.0	230.0	250.0
Limit (dB)	30.8	30.2	30.8	30.2

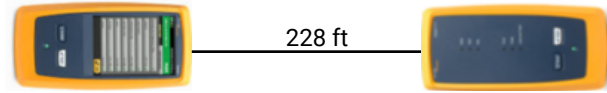
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	3,6-4,5	4,5-3,6
ACR-F (dB)	9.4	9.3	9.4	9.3
Freq. (MHz)	241.5	242.5	241.5	242.5
Limit (dB)	15.6	15.6	15.6	15.6
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	9.9	9.6	10.0	9.6
Freq. (MHz)	234.5	242.5	238.5	242.5
Limit (dB)	12.9	12.6	12.7	12.6

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)	12.5	13.0	18.9	24.1
Freq. (MHz)	7.9	2.8	230.0	250.0
Limit (dB)	52.7	61.6	-0.5	-2.8
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	12.4	14.0	19.6	23.2
Freq. (MHz)	7.8	7.9	237.5	250.0
Limit (dB)	50.3	50.1	-4.3	-5.8

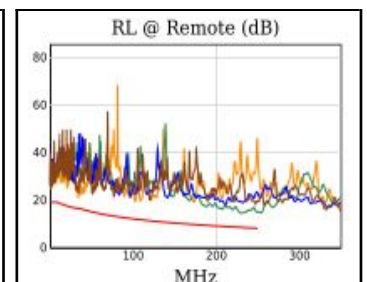
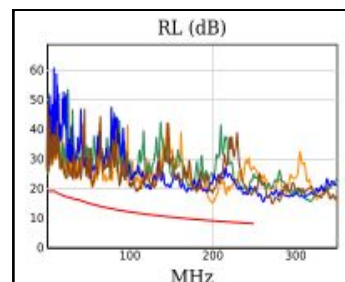
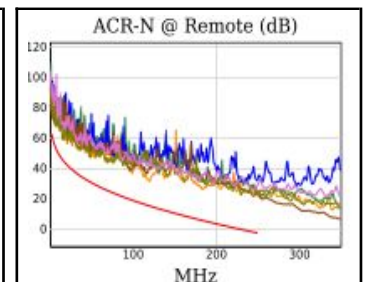
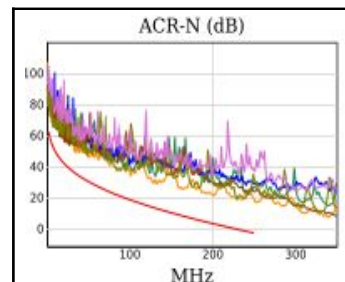
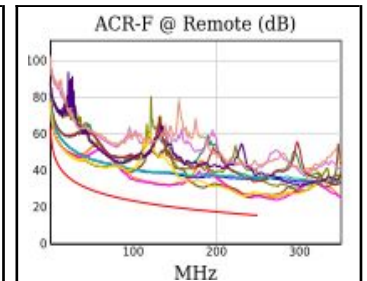
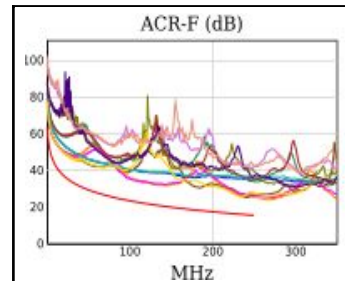
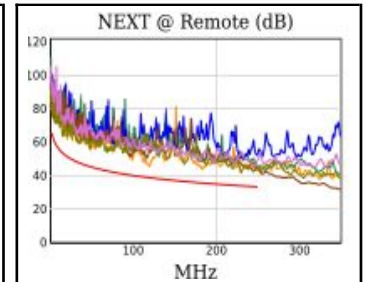
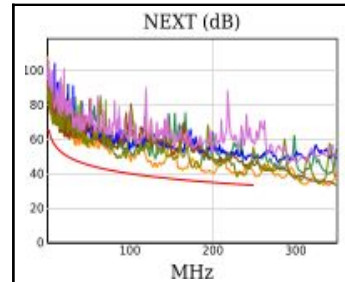
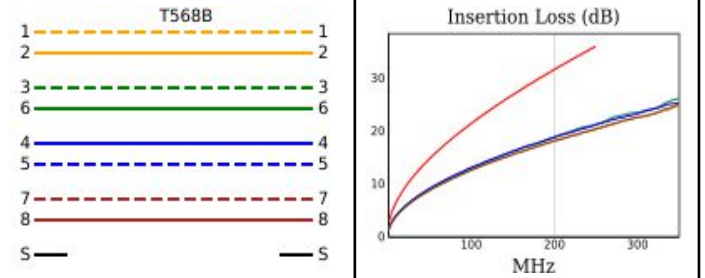
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	1,2	1,2	3,6
RL (dB)	5.7	4.4	5.9	6.0
Freq. (MHz)	55.5	34.8	200.5	230.5
Limit (dB)	14.6	16.3	9.0	8.4

Compliant Network Standards:

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



PASS





Cable ID: 02-10-22

Date / Time: 08/08/2025 03:41:32 PM

Headroom: 4.8 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

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]	208
Prop. Delay (ns), Limit 555	[Pair 4,5]	319
Delay Skew (ns), Limit 50	[Pair 4,5]	13
Resistance (ohms)	[Pair 7,8]	9.4
Insertion Loss Margin (dB)	[Pair 3,6]	16.6
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
NEXT (dB)	6.5	4.8	7.5	4.8
Freq. (MHz)	177.0	202.5	250.0	202.5
Limit (dB)	35.7	34.7	33.1	34.7
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	7.7	6.7	7.7	7.5
Freq. (MHz)	250.0	202.5	250.0	245.5
Limit (dB)	30.2	31.8	30.2	30.3

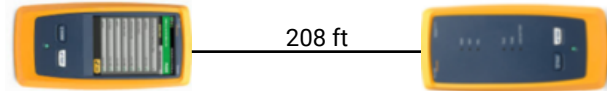
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-1,2	4,5-3,6	3,6-4,5
ACR-F (dB)	11.0	11.5	11.9	11.9
Freq. (MHz)	166.5	167.0	250.0	247.5
Limit (dB)	18.8	18.8	15.3	15.4
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	11.9	11.9	12.4	13.4
Freq. (MHz)	1.3	1.0	250.0	250.0
Limit (dB)	58.3	60.3	12.3	12.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	1,2-3,6	3,6-4,5
ACR-N (dB)	12.1	9.8	24.1	23.8
Freq. (MHz)	3.0	3.1	250.0	249.0
Limit (dB)	61.5	61.2	-2.8	-2.7
Worst Pair	3,6	4,5	3,6	3,6
PS ACR-N (dB)	13.9	11.7	24.4	24.5
Freq. (MHz)	3.3	3.1	250.0	249.0
Limit (dB)	58.4	58.4	-5.8	-5.7

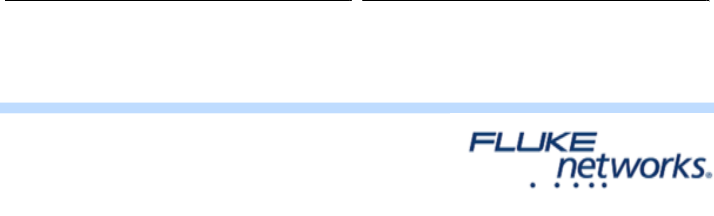
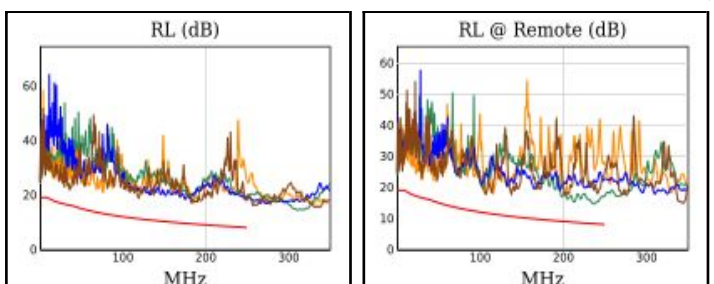
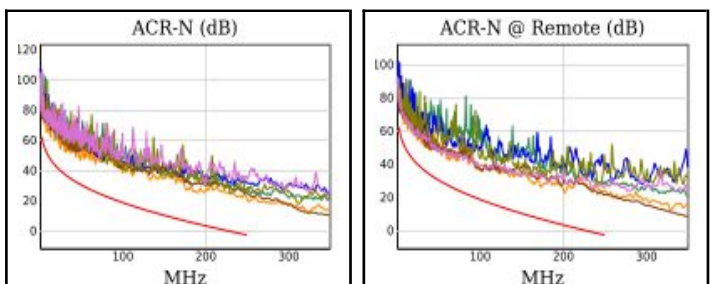
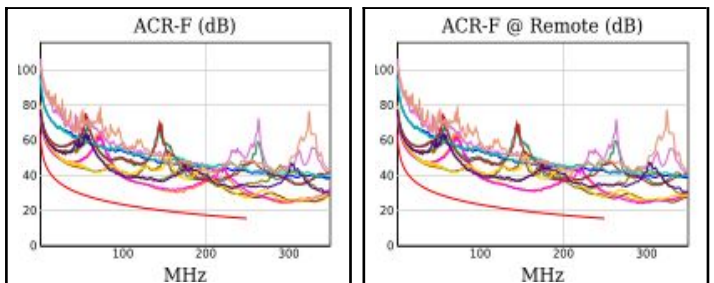
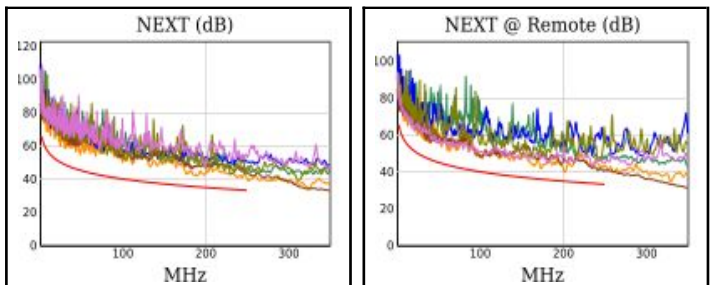
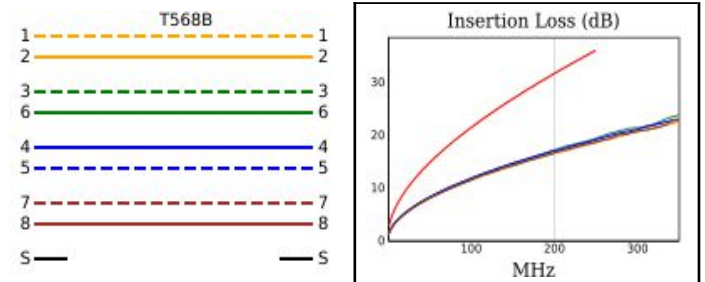
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	7,8	3,6
RL (dB)	5.5	5.9	7.3	6.4
Freq. (MHz)	36.5	30.4	183.5	237.5
Limit (dB)	16.2	16.6	9.4	8.2

Compliant Network Standards:

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



PASS





Cable ID: 02-10-23

Date / Time: 08/08/2025 03:26:57 PM

Headroom: 5.4 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

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

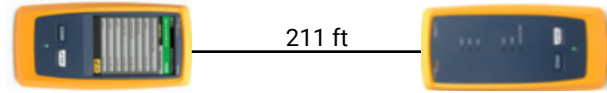
Remote S/N: 1927408

Main Adapter: DSX-CHA804

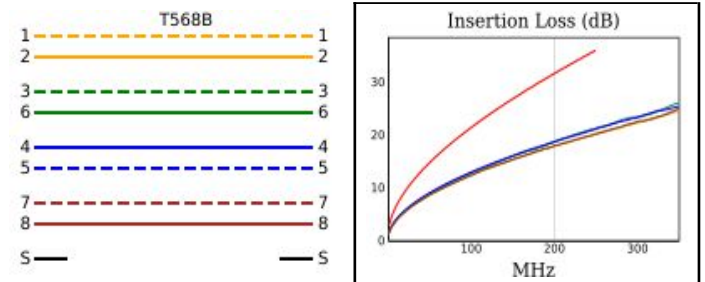
Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 7,8]	211
Prop. Delay (ns), Limit 555	[Pair 4,5]	322
Delay Skew (ns), Limit 50	[Pair 4,5]	11
Resistance (ohms)	[Pair 3,6]	10.3
Insertion Loss Margin (dB)	[Pair 3,6]	14.7
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	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
NEXT (dB)	5.4	6.3	5.9	6.4
Freq. (MHz)	192.5	195.5	244.0	196.0
Limit (dB)	35.1	35.0	33.3	34.9
Worst Pair	3,6	1,2	3,6	1,2
PS NEXT (dB)	6.9	7.1	6.9	8.5
Freq. (MHz)	249.5	192.5	249.5	250.0
Limit (dB)	30.2	32.1	30.2	30.2

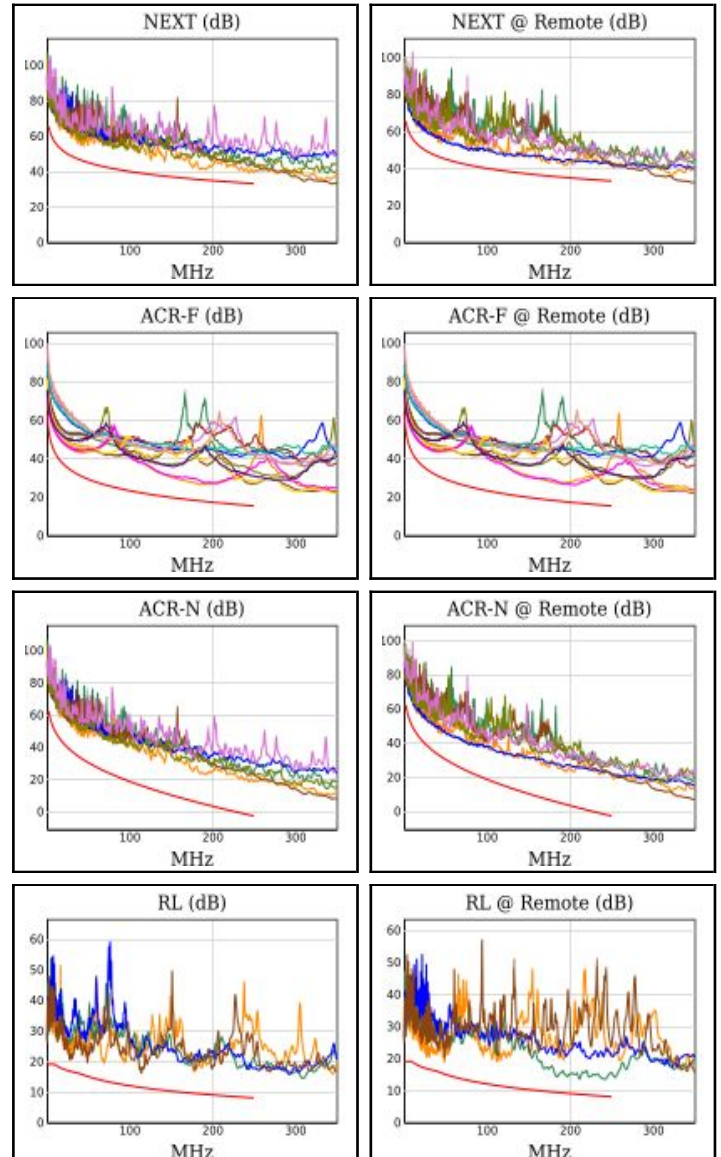
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-1,2	1,2-3,6	1,2-3,6
ACR-F (dB)	8.5	9.1	8.6	9.3
Freq. (MHz)	184.0	184.0	185.0	207.0
Limit (dB)	18.0	18.0	17.9	16.9
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	10.7	10.6	13.3	12.7
Freq. (MHz)	22.4	1.0	244.5	247.0
Limit (dB)	33.3	60.3	12.5	12.4

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)	13.5	12.3	21.0	23.9
Freq. (MHz)	41.5	16.4	249.5	250.0
Limit (dB)	33.1	44.9	-2.8	-2.8
Worst Pair	3,6	1,2	3,6	3,6
PS ACR-N (dB)	13.0	12.5	21.8	23.5
Freq. (MHz)	3.8	16.5	250.0	250.0
Limit (dB)	57.1	42.2	-5.8	-5.8

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	7,8	3,6
RL (dB)	3.8	3.5	4.4	5.2
Freq. (MHz)	28.0	27.8	114.5	242.0
Limit (dB)	16.8	16.8	11.4	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: 02-11-01

Date / Time: 08/08/2025 03:02:19 PM

Headroom: 6 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

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 1,2]	185
Prop. Delay (ns), Limit 555	[Pair 3,6]	287
Delay Skew (ns), Limit 50	[Pair 3,6]	15
Resistance (ohms)	[Pair 3,6]	9.4
Insertion Loss Margin (dB)	[Pair 3,6]	16.5
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	1,2-3,6	3,6-4,5	1,2-3,6	3,6-4,5
NEXT (dB)	6.0	6.0	6.6	6.0
Freq. (MHz)	175.5	244.0	217.5	244.0
Limit (dB)	35.8	33.3	34.2	33.3
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	6.7	7.1	6.9	7.1
Freq. (MHz)	112.0	244.5	229.0	244.5
Limit (dB)	36.2	30.3	30.8	30.3

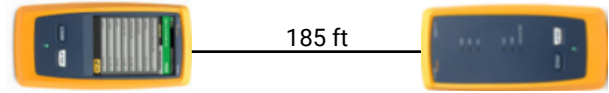
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-F (dB)	10.6	9.8	10.6	10.1
Freq. (MHz)	217.0	209.0	217.0	215.0
Limit (dB)	16.5	16.9	16.5	16.6
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	12.4	12.2	12.4	12.2
Freq. (MHz)	217.5	215.0	217.5	215.0
Limit (dB)	13.5	13.6	13.5	13.6

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	1,2-3,6	1,2-3,6
ACR-N (dB)	11.0	10.0	22.9	23.4
Freq. (MHz)	19.3	5.0	230.0	250.0
Limit (dB)	43.1	57.0	-0.5	-2.8
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	11.5	11.6	22.5	24.1
Freq. (MHz)	2.6	3.3	229.0	250.0
Limit (dB)	58.7	58.4	-3.3	-5.8

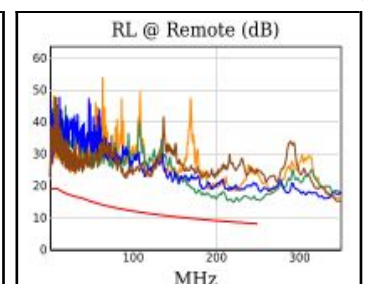
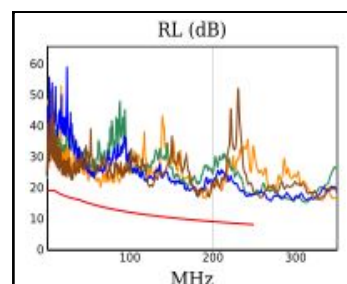
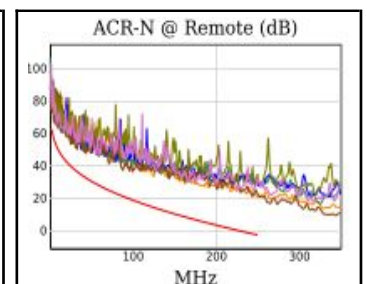
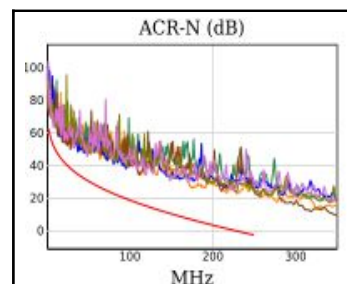
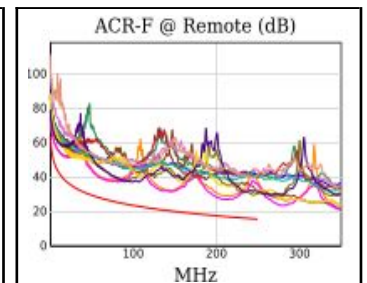
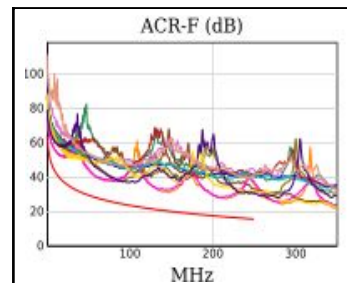
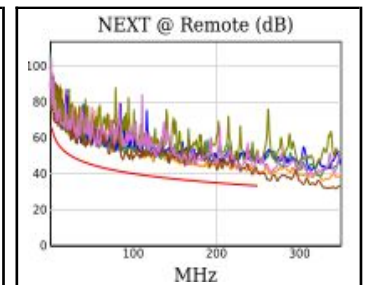
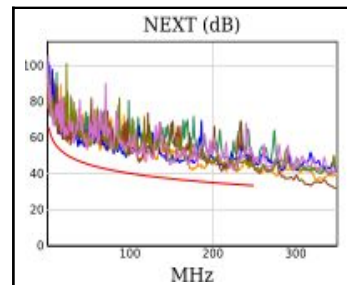
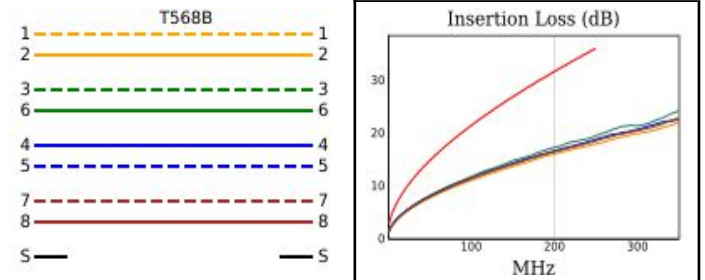
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	3,6	1,2	3,6
RL (dB)	5.9	6.1	7.2	6.1
Freq. (MHz)	30.1	221.0	191.5	221.0
Limit (dB)	16.6	8.6	9.2	8.6

Compliant Network Standards:

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



PASS





Cable ID: 02-11-02

Test Summary: PASS

Date / Time: 08/08/2025 03:02:42 PM

Headroom: 3.7 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

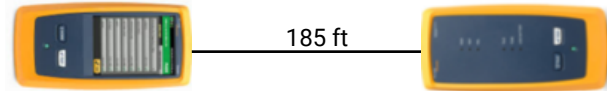
Main S/N: 1927404

Remote S/N: 1927408

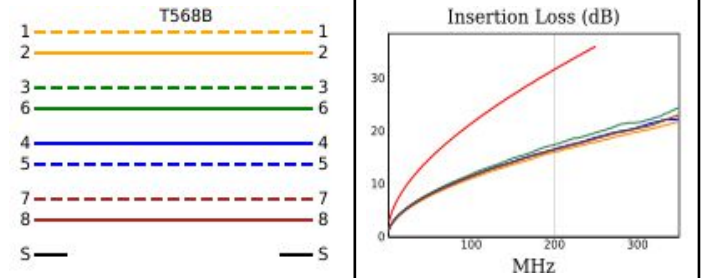
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 1,2]	185
Prop. Delay (ns), Limit 555	[Pair 3,6]	287
Delay Skew (ns), Limit 50	[Pair 3,6]	15
Resistance (ohms)	[Pair 3,6]	9.4
Insertion Loss Margin (dB)	[Pair 3,6]	16.3
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

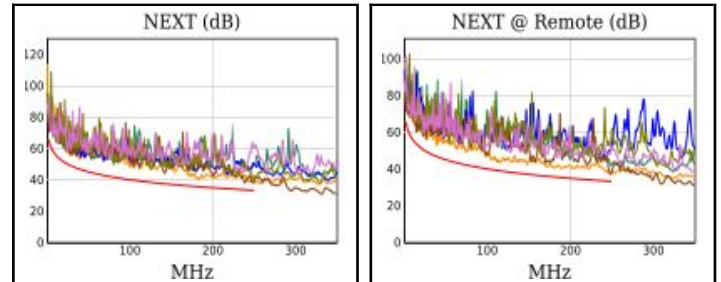


PASS

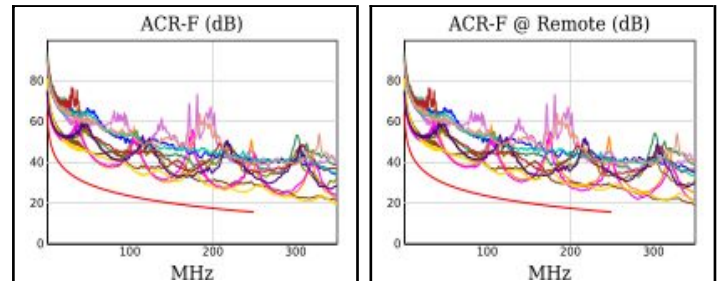


Worst Case Margin Worst Case Value

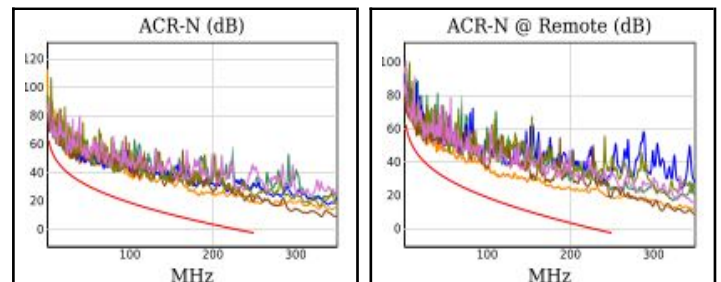
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-4,5	3,6-4,5	3,6-4,5
NEXT (dB)	4.2	3.7	4.5	3.7
Freq. (MHz)	183.5	249.5	249.5	249.5
Limit (dB)	35.4	33.1	33.1	33.1
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	4.3	4.3	4.3	4.3
Freq. (MHz)	250.0	249.5	250.0	249.5
Limit (dB)	30.2	30.2	30.2	30.2



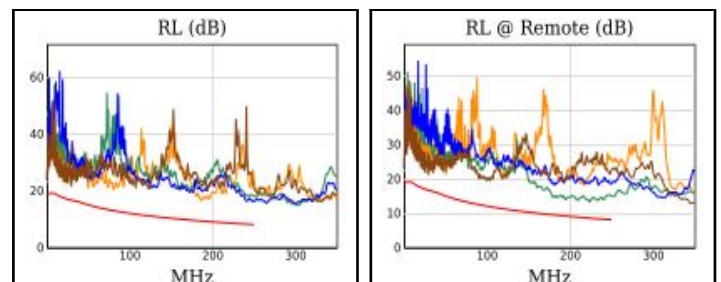
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	1,2-3,6	4,5-3,6	1,2-3,6
ACR-F (dB)	9.3	9.1	9.6	9.3
Freq. (MHz)	231.0	213.5	237.5	216.5
Limit (dB)	16.0	16.7	15.7	16.5
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	10.0	10.3	10.6	10.7
Freq. (MHz)	209.0	213.0	231.0	222.5
Limit (dB)	13.9	13.7	13.0	13.3



N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	1,2-3,6	3,6-4,5
ACR-N (dB)	8.2	8.3	21.1	20.9
Freq. (MHz)	3.8	3.1	244.5	249.5
Limit (dB)	59.6	61.2	-2.2	-2.8
Worst Pair	4,5	4,5	3,6	3,6
PS ACR-N (dB)	9.0	9.1	20.7	20.6
Freq. (MHz)	3.8	3.3	250.0	249.5
Limit (dB)	57.1	58.4	-5.8	-5.7



PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	4,5	3,6
RL (dB)	4.9	4.5	8.1	4.6
Freq. (MHz)	30.0	30.1	250.0	223.5
Limit (dB)	16.6	16.6	8.0	8.5



Compliant Network Standards:

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



Cable ID: 02-11-03

Test Summary: PASS

Date / Time: 08/08/2025 03:04:49 PM

Headroom: 3.2 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

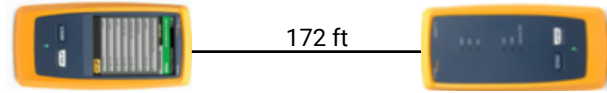
Main S/N: 1927404

Remote S/N: 1927408

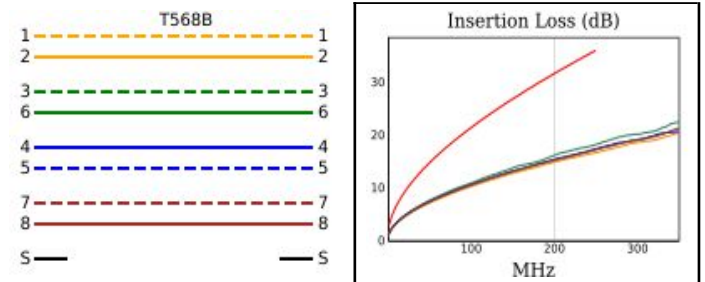
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 1,2]	172
Prop. Delay (ns), Limit 555	[Pair 3,6]	267
Delay Skew (ns), Limit 50	[Pair 3,6]	14
Resistance (ohms)	[Pair 3,6]	8.8
Insertion Loss Margin (dB)	[Pair 3,6]	17.8
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	1,2-3,6	1,2-4,5	1,2-3,6	1,2-4,5
NEXT (dB)	3.4	3.2	3.4	3.6
Freq. (MHz)	187.5	236.5	187.5	249.0
Limit (dB)	35.3	33.5	35.3	33.1
Worst Pair	1,2	4,5	1,2	4,5
PS NEXT (dB)	4.1	4.2	5.3	4.2
Freq. (MHz)	187.0	236.5	240.0	236.5
Limit (dB)	32.4	30.6	30.5	30.6

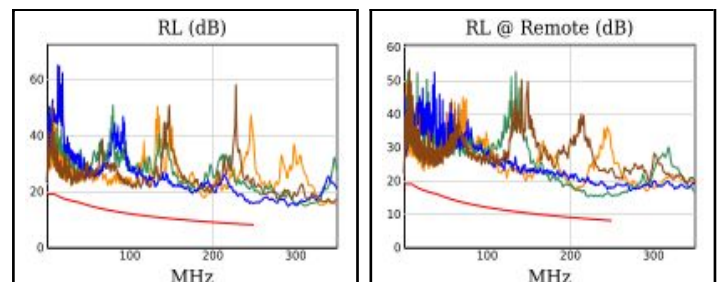
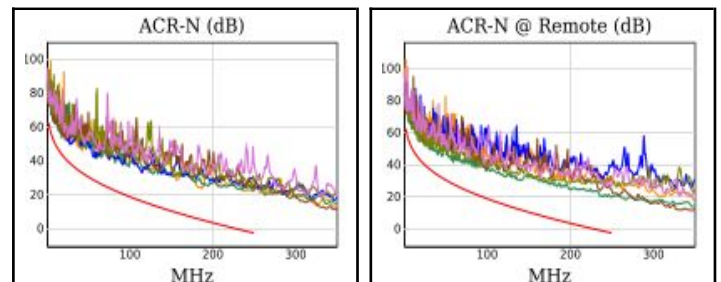
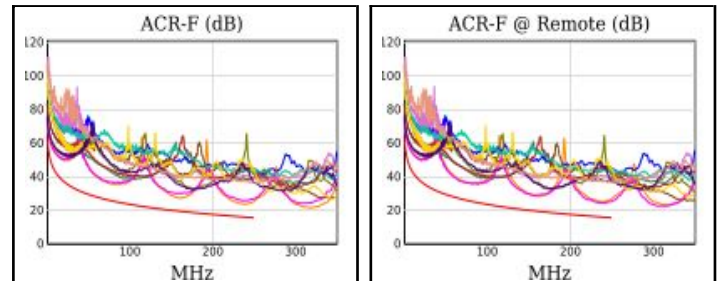
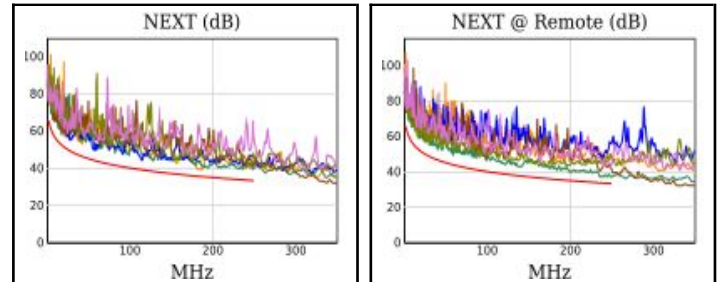
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-F (dB)	7.7	8.2	7.8	8.2
Freq. (MHz)	240.0	237.0	241.0	237.0
Limit (dB)	15.7	15.8	15.6	15.8
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	9.9	10.7	10.8	11.0
Freq. (MHz)	163.0	1.0	241.0	237.0
Limit (dB)	16.0	60.3	12.6	12.8

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-4,5	1,2-3,6	1,2-4,5
ACR-N (dB)	9.7	10.7	23.4	22.1
Freq. (MHz)	18.4	18.4	240.0	249.0
Limit (dB)	43.6	43.6	-1.7	-2.7
Worst Pair	4,5	4,5	3,6	4,5
PS ACR-N (dB)	10.2	10.2	24.3	23.3
Freq. (MHz)	18.5	3.4	245.5	249.0
Limit (dB)	40.9	58.0	-5.3	-5.7

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	4,5	3,6
RL (dB)	5.4	5.7	7.6	6.6
Freq. (MHz)	30.3	24.5	249.0	222.5
Limit (dB)	16.6	17.1	8.0	8.5

Compliant Network Standards:

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





Cable ID: 02-11-04

Test Summary: PASS

Date / Time: 08/08/2025 03:05:09 PM

Headroom: 4.2 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

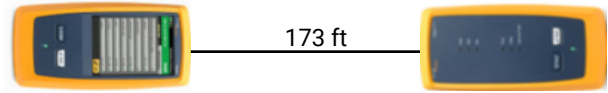
Main S/N: 1927404

Remote S/N: 1927408

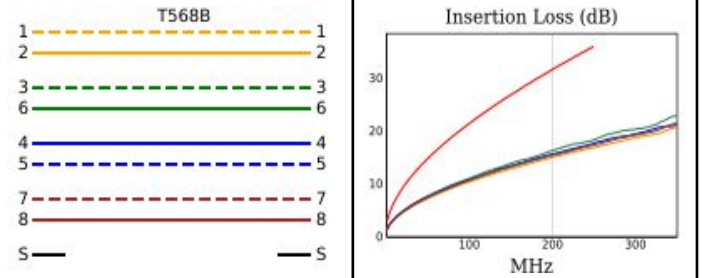
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 1,2]	173
Prop. Delay (ns), Limit 555	[Pair 3,6]	269
Delay Skew (ns), Limit 50	[Pair 3,6]	14
Resistance (ohms)	[Pair 3,6]	8.9
Insertion Loss Margin (dB)	[Pair 3,6]	17.6
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9



PASS



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	1,2-7,8	1,2-7,8	1,2-7,8
NEXT (dB)	5.1	4.2	6.5	4.2
Freq. (MHz)	18.3	219.5	250.0	219.5
Limit (dB)	52.3	34.1	33.1	34.1
Worst Pair	3,6	1,2	3,6	1,2
PS NEXT (dB)	6.8	5.3	7.3	6.9
Freq. (MHz)	24.6	93.8	249.0	243.0
Limit (dB)	47.5	37.6	30.2	30.4

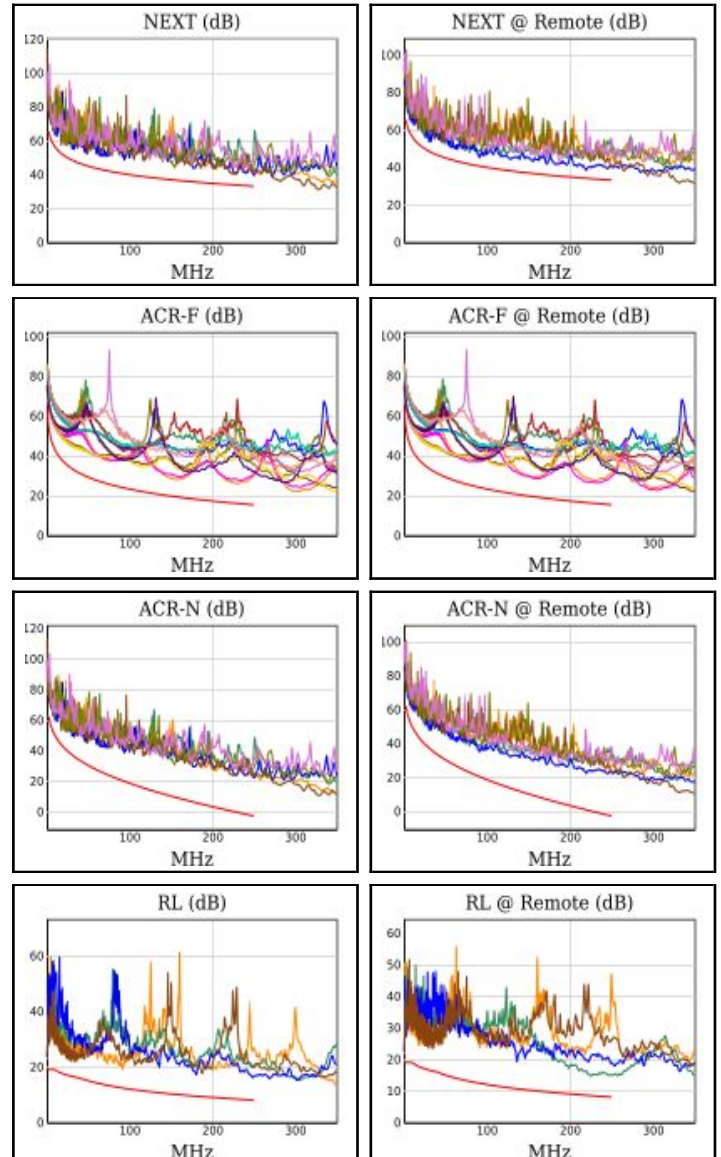
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-F (dB)	8.7	9.0	9.9	10.6
Freq. (MHz)	157.0	161.0	230.0	236.5
Limit (dB)	19.3	19.1	16.0	15.8
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	9.8	9.7	12.6	13.2
Freq. (MHz)	1.4	1.0	230.0	236.5
Limit (dB)	57.5	60.3	13.0	12.8

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	1,2-4,5	1,2-7,8	1,2-7,8
ACR-N (dB)	9.2	9.9	25.1	24.4
Freq. (MHz)	18.1	4.9	250.0	245.5
Limit (dB)	43.8	57.2	-2.8	-2.3
Worst Pair	7,8	1,2	3,6	3,6
PS ACR-N (dB)	10.4	9.9	25.0	25.8
Freq. (MHz)	10.4	5.0	249.0	249.0
Limit (dB)	47.3	54.5	-5.7	-5.7

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	3,6	4,5	3,6
RL (dB)	5.3	6.2	8.0	6.2
Freq. (MHz)	30.0	225.5	249.0	225.5
Limit (dB)	16.6	8.5	8.0	8.5

Compliant Network Standards:

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





Cable ID: 02-11-05

Test Summary: PASS

Date / Time: 08/08/2025 03:51:27 PM

Headroom: 4.8 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

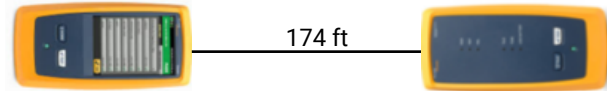
Main S/N: 1927404

Remote S/N: 1927408

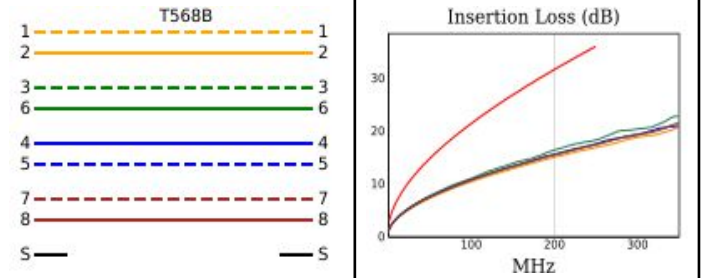
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 1,2]	174
Prop. Delay (ns), Limit 555	[Pair 3,6]	270
Delay Skew (ns), Limit 50	[Pair 3,6]	14
Resistance (ohms)	[Pair 3,6]	8.9
Insertion Loss Margin (dB)	[Pair 3,6]	17.7
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9



PASS



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	1,2-3,6	3,6-4,5
NEXT (dB)	4.8	5.5	5.2	5.8
Freq. (MHz)	84.8	29.8	240.5	250.0
Limit (dB)	41.1	48.8	33.4	33.1
Worst Pair	3,6	4,5	3,6	3,6
PS NEXT (dB)	4.9	6.8	4.9	7.3
Freq. (MHz)	233.5	61.5	233.5	250.0
Limit (dB)	30.7	40.7	30.7	30.2

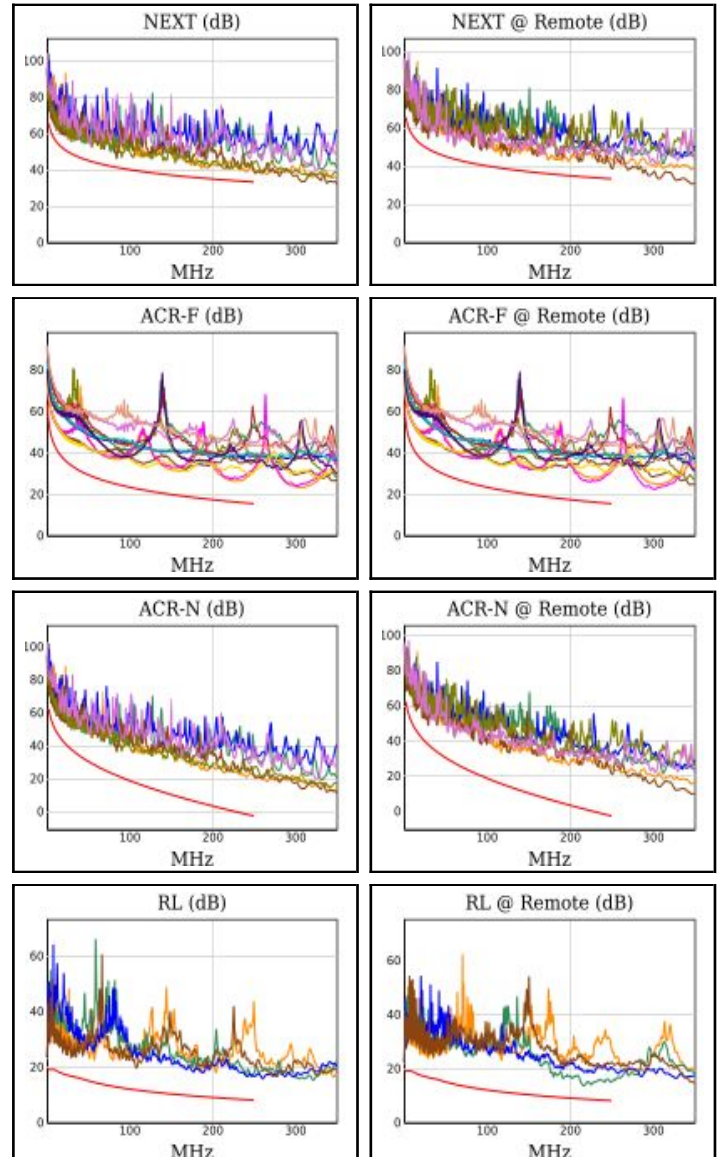
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-F (dB)	10.0	9.5	10.0	9.6
Freq. (MHz)	227.5	221.0	227.5	225.0
Limit (dB)	16.1	16.4	16.1	16.2
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	11.0	10.8	12.2	12.2
Freq. (MHz)	14.6	1.0	235.0	225.0
Limit (dB)	37.0	60.3	12.8	13.2

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	1,2-3,6	3,6-4,5
ACR-N (dB)	9.6	8.2	22.5	24.2
Freq. (MHz)	5.6	3.8	241.0	250.0
Limit (dB)	55.9	59.6	-1.8	-2.8
Worst Pair	3,6	4,5	3,6	3,6
PS ACR-N (dB)	10.0	10.0	22.6	25.1
Freq. (MHz)	12.1	3.8	241.5	250.0
Limit (dB)	45.6	57.1	-4.8	-5.8

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	3,6	3,6	3,6
RL (dB)	6.7	4.9	8.3	5.0
Freq. (MHz)	30.0	216.0	247.5	217.5
Limit (dB)	16.6	8.7	8.1	8.6

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: 02-11-06

Test Summary: PASS

Date / Time: 08/08/2025 02:45:02 PM

Headroom: 3.6 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

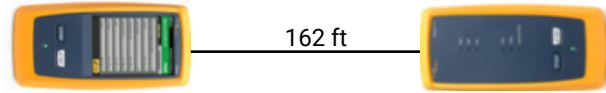
Main S/N: 1927404

Remote S/N: 1927408

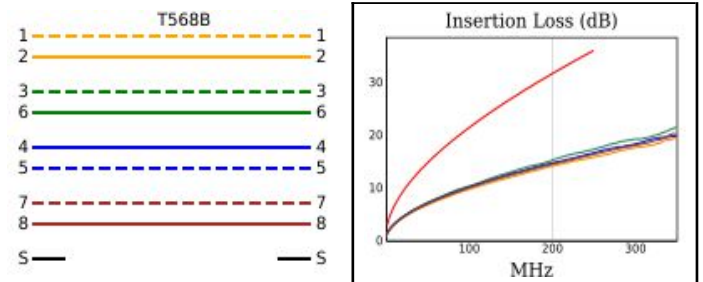
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 1,2]	162
Prop. Delay (ns), Limit 555	[Pair 3,6]	252
Delay Skew (ns), Limit 50	[Pair 3,6]	13
Resistance (ohms)	[Pair 3,6]	8.3
Insertion Loss Margin (dB)	[Pair 3,6]	18.7
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9



PASS



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	1,2-4,5	3,6-4,5	1,2-4,5
NEXT (dB)	4.6	3.6	4.6	3.6
Freq. (MHz)	248.5	249.0	248.5	249.0
Limit (dB)	33.2	33.1	33.2	33.1
Worst Pair	3,6	1,2	3,6	1,2
PS NEXT (dB)	6.1	4.3	6.3	4.3
Freq. (MHz)	191.0	249.0	246.5	249.0
Limit (dB)	32.2	30.2	30.3	30.2

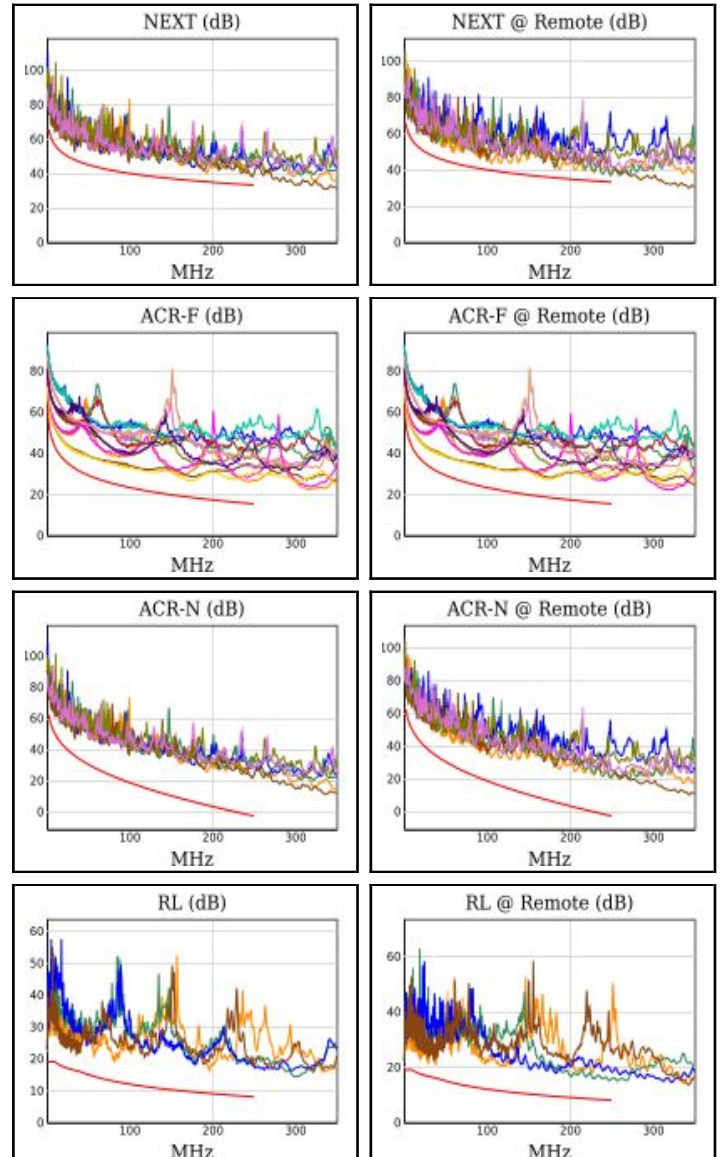
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	3,6-4,5	1,2-3,6	1,2-3,6
ACR-F (dB)	7.7	7.7	10.5	11.0
Freq. (MHz)	26.6	22.1	245.5	242.0
Limit (dB)	34.8	36.4	15.5	15.6
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	9.2	9.5	11.9	13.0
Freq. (MHz)	17.8	1.0	245.5	242.0
Limit (dB)	35.3	60.3	12.5	12.6

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	1,2-4,5
ACR-N (dB)	10.0	9.9	24.0	22.9
Freq. (MHz)	5.8	4.0	248.5	249.0
Limit (dB)	55.7	59.0	-2.7	-2.7
Worst Pair	3,6	3,6	3,6	4,5
PS ACR-N (dB)	11.6	11.3	24.9	24.0
Freq. (MHz)	5.8	6.1	246.5	250.0
Limit (dB)	53.2	52.6	-5.4	-5.8

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	1,2	3,6
RL (dB)	4.8	4.5	6.9	6.9
Freq. (MHz)	36.3	30.1	196.5	247.5
Limit (dB)	16.2	16.6	9.1	8.1

Compliant Network Standards:

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





Cable ID: 02-11-07

Test Summary: PASS

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

Headroom: 3.3 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

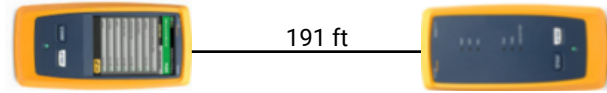
Main S/N: 1927404

Remote S/N: 1927408

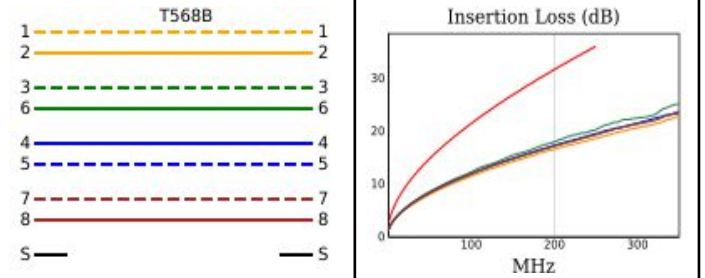
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 1,2]	191
Prop. Delay (ns), Limit 555	[Pair 3,6]	297
Delay Skew (ns), Limit 50	[Pair 3,6]	16
Resistance (ohms)	[Pair 3,6]	9.8
Insertion Loss Margin (dB)	[Pair 3,6]	15.7
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	1,2-3,6	3,6-4,5	1,2-3,6	3,6-4,5
NEXT (dB)	6.5	3.3	6.7	3.9
Freq. (MHz)	186.0	73.8	246.5	244.5
Limit (dB)	35.3	42.2	33.2	33.3
Worst Pair	3,6	4,5	3,6	4,5
PS NEXT (dB)	7.0	4.1	7.0	4.1
Freq. (MHz)	247.0	244.5	247.0	244.5
Limit (dB)	30.2	30.3	30.2	30.3

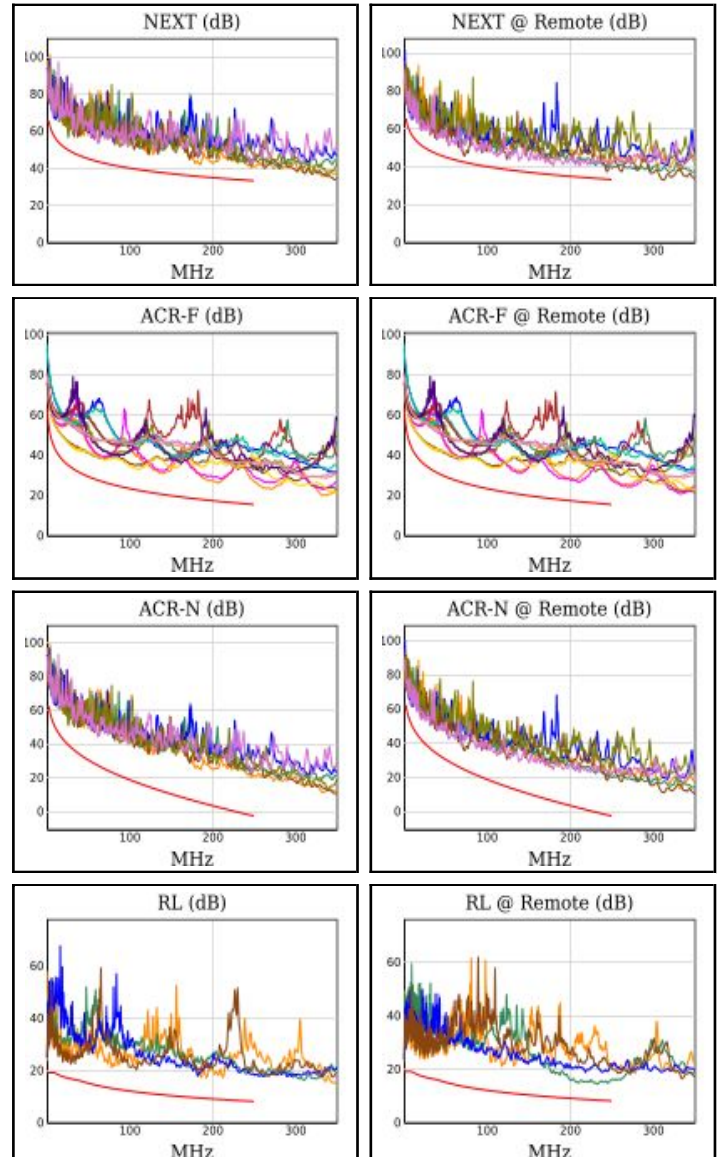
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-F (dB)	9.0	9.6	9.0	9.6
Freq. (MHz)	206.5	210.0	206.5	210.0
Limit (dB)	17.0	16.8	17.0	16.8
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	10.6	10.7	11.4	13.2
Freq. (MHz)	1.0	66.8	206.5	250.0
Limit (dB)	60.3	23.8	14.0	12.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-4,5	1,2-3,6	3,6-4,5
ACR-N (dB)	11.4	10.0	22.2	20.2
Freq. (MHz)	26.4	1.9	246.5	244.5
Limit (dB)	39.2	62.0	-2.4	-2.2
Worst Pair	7,8	4,5	3,6	4,5
PS ACR-N (dB)	11.7	9.6	22.5	20.4
Freq. (MHz)	6.8	3.3	247.0	244.5
Limit (dB)	51.6	58.4	-5.4	-5.2

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	3,6	1,2	3,6
RL (dB)	5.5	5.9	7.9	5.9
Freq. (MHz)	19.9	233.0	193.0	233.0
Limit (dB)	17.5	8.3	9.1	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: 02-11-08

Test Summary: PASS

Date / Time: 08/08/2025 03:50:56 PM

Headroom: 1.6 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

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 1,2]	180
Prop. Delay (ns), Limit 555	[Pair 7,8]	281
Delay Skew (ns), Limit 50	[Pair 7,8]	16
Resistance (ohms)	[Pair 4,5]	8.8
Insertion Loss Margin (dB)	[Pair 3,6]	16.8
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	1,2-3,6	3,6-4,5	1,2-3,6	3,6-4,5
NEXT (dB)	1.6	8.9	1.6	9.2
Freq. (MHz)	197.5	215.0	197.5	245.0
Limit (dB)	34.9	34.2	34.9	33.3
Worst Pair	3,6	4,5	3,6	4,5
PS NEXT (dB)	3.6	9.4	3.6	9.4
Freq. (MHz)	197.0	245.0	197.0	245.0
Limit (dB)	32.0	30.3	32.0	30.3

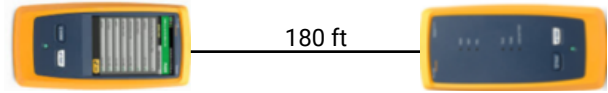
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	4,5-3,6	4,5-3,6	4,5-3,6
ACR-F (dB)	8.0	8.3	8.0	8.5
Freq. (MHz)	238.0	242.5	238.0	247.5
Limit (dB)	15.7	15.6	15.7	15.4
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	10.0	9.4	10.2	10.9
Freq. (MHz)	191.5	188.5	238.0	242.5
Limit (dB)	14.6	14.8	12.7	12.6

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	3,6-4,5
ACR-N (dB)	11.1	10.7	21.2	26.7
Freq. (MHz)	2.9	3.0	250.0	245.0
Limit (dB)	61.6	61.5	-2.8	-2.3
Worst Pair	1,2	3,6	3,6	4,5
PS ACR-N (dB)	12.1	11.6	22.8	27.4
Freq. (MHz)	19.0	3.3	250.0	250.0
Limit (dB)	40.6	58.4	-5.8	-5.8

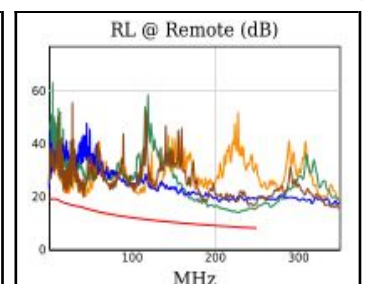
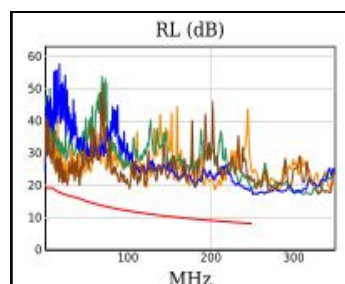
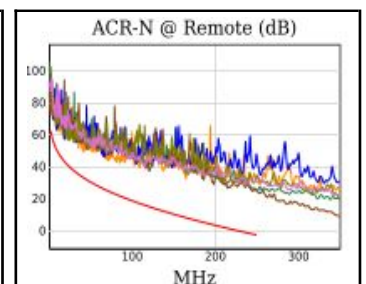
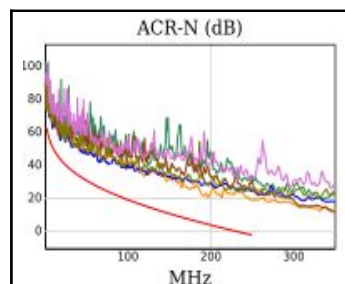
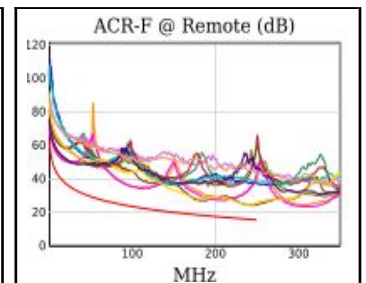
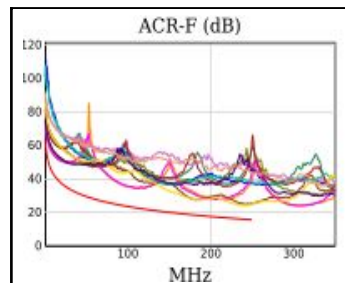
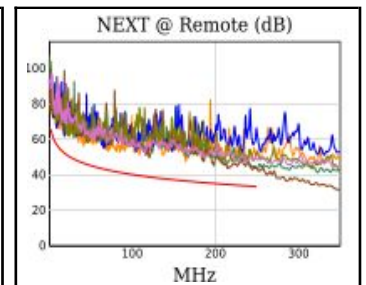
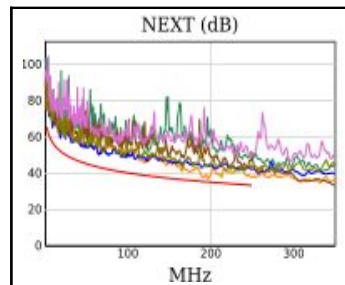
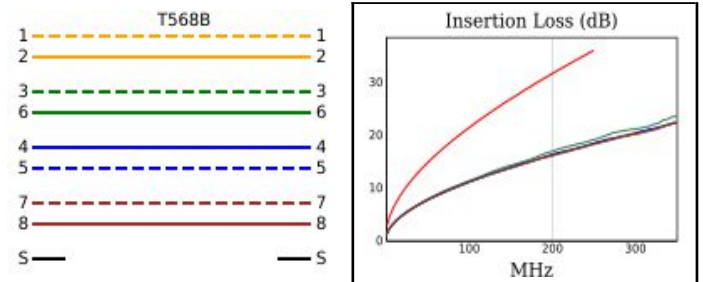
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	4,5	3,6
RL (dB)	3.1	3.7	10.1	5.5
Freq. (MHz)	27.5	19.3	247.5	228.5
Limit (dB)	16.8	17.6	8.1	8.4

Compliant Network Standards:

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



PASS





Cable ID: 02-11-09

Test Summary: PASS

Date / Time: 10/14/2025 04:52:16 PM

Headroom: 4 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

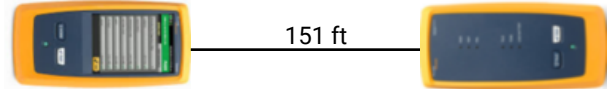
Main S/N: 1927404

Remote S/N: 1927408

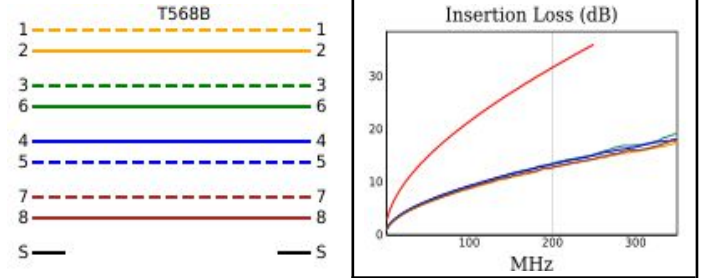
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 7,8]	151
Prop. Delay (ns), Limit 555	[Pair 4,5]	231
Delay Skew (ns), Limit 50	[Pair 4,5]	9
Resistance (ohms)	[Pair 3,6]	7.9
Insertion Loss Margin (dB)	[Pair 3,6]	20.8
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	1,2-3,6	3,6-4,5	1,2-3,6	3,6-4,5
NEXT (dB)	4.0	5.4	4.0	5.4
Freq. (MHz)	246.0	250.0	246.0	250.0
Limit (dB)	33.2	33.1	33.2	33.1
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	5.6	5.6	5.6	7.2
Freq. (MHz)	250.0	184.5	250.0	250.0
Limit (dB)	30.2	32.5	30.2	30.2

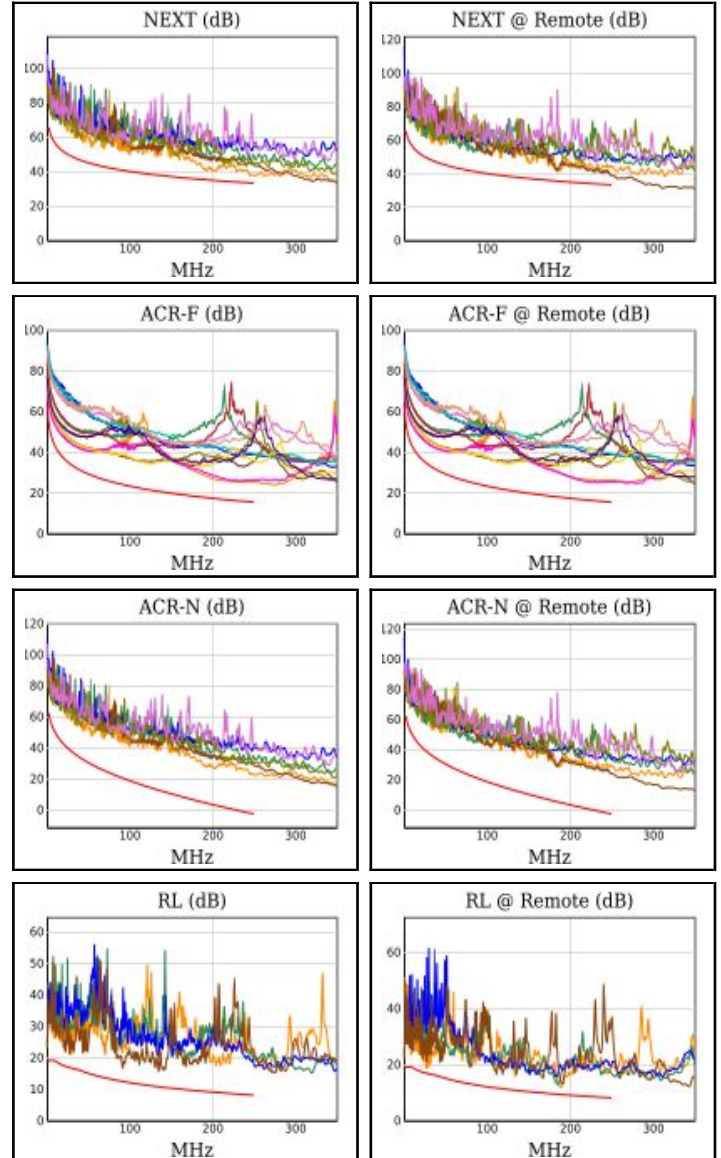
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-F (dB)	9.0	8.7	9.4	9.1
Freq. (MHz)	207.0	223.0	239.0	235.0
Limit (dB)	16.9	16.3	15.7	15.8
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	10.1	10.2	12.0	11.2
Freq. (MHz)	1.4	26.9	238.5	234.5
Limit (dB)	57.5	31.7	12.7	12.9

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	1,2-4,5	1,2-3,6	3,6-4,5
ACR-N (dB)	14.5	13.8	24.7	26.3
Freq. (MHz)	5.8	4.8	246.0	250.0
Limit (dB)	55.7	57.5	-2.4	-2.8
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	15.3	15.0	26.5	28.1
Freq. (MHz)	5.8	6.0	250.0	250.0
Limit (dB)	53.2	52.8	-5.8	-5.8

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	7,8	1,2
RL (dB)	4.1	1.7	4.6	2.6
Freq. (MHz)	92.0	27.6	135.5	189.5
Limit (dB)	12.4	16.8	10.7	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		





Cable ID: 02-11-10

Test Summary: PASS

Date / Time: 08/08/2025 02:49:12 PM

Headroom: 3.2 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

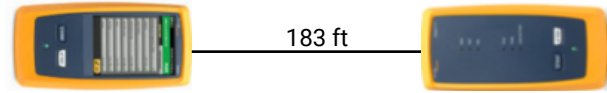
Main S/N: 1927404

Remote S/N: 1927408

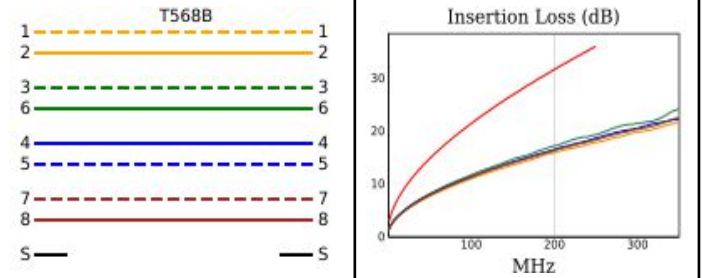
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 1,2]	183
Prop. Delay (ns), Limit 555	[Pair 3,6]	284
Delay Skew (ns), Limit 50	[Pair 3,6]	14
Resistance (ohms)	[Pair 3,6]	9.6
Insertion Loss Margin (dB)	[Pair 3,6]	16.7
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	1,2-3,6	3,6-4,5	1,2-3,6	3,6-4,5
NEXT (dB)	3.2	4.0	4.4	4.2
Freq. (MHz)	205.5	23.5	250.0	249.5
Limit (dB)	34.6	50.5	33.1	33.1
Worst Pair	3,6	4,5	1,2	4,5
PS NEXT (dB)	4.9	5.4	5.0	5.4
Freq. (MHz)	242.0	249.5	246.0	249.5
Limit (dB)	30.4	30.2	30.3	30.2

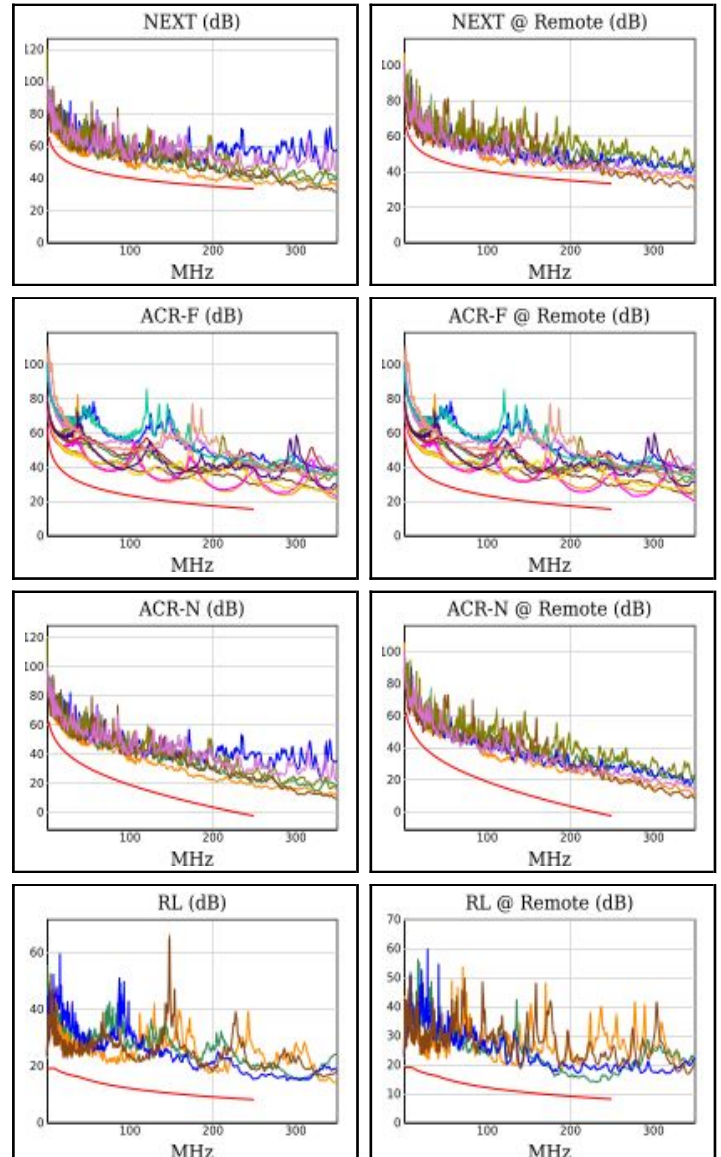
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-F (dB)	9.1	8.5	9.2	8.6
Freq. (MHz)	216.0	213.5	216.5	215.0
Limit (dB)	16.6	16.7	16.5	16.6
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	11.7	10.9	11.8	10.9
Freq. (MHz)	216.0	213.5	216.5	213.5
Limit (dB)	13.6	13.7	13.5	13.7

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	1,2-3,6	3,6-4,5
ACR-N (dB)	8.9	6.8	21.1	21.5
Freq. (MHz)	5.0	5.1	250.0	249.5
Limit (dB)	57.0	56.8	-2.8	-2.8
Worst Pair	4,5	4,5	3,6	3,6
PS ACR-N (dB)	9.8	8.3	21.3	22.0
Freq. (MHz)	5.0	5.1	242.0	247.5
Limit (dB)	54.5	54.2	-4.9	-5.5

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	4,5	3,6
RL (dB)	5.3	5.1	7.1	5.5
Freq. (MHz)	20.8	30.5	249.5	232.5
Limit (dB)	17.4	16.6	8.0	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: 02-11-13

Date / Time: 08/08/2025 02:18:02 PM

Headroom: 4.1 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

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

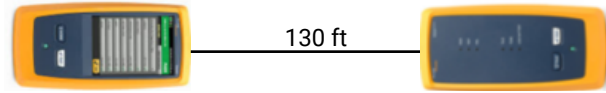
Remote S/N: 1927408

Main Adapter: DSX-CHA804

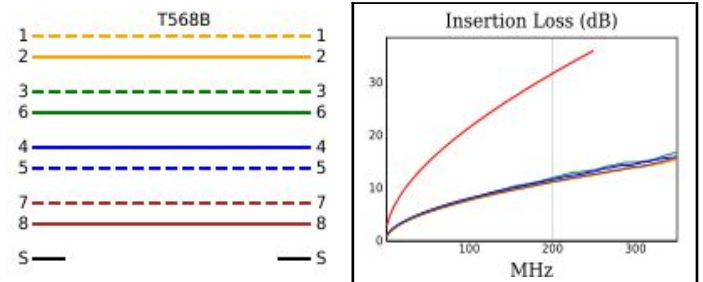
Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 7,8]	130
Prop. Delay (ns), Limit 555	[Pair 4,5]	198
Delay Skew (ns), Limit 50	[Pair 4,5]	7
Resistance (ohms)	[Pair 7,8]	7.0
Insertion Loss Margin (dB)	[Pair 3,6]	22.6
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	1,2-3,6	1,2-3,6	1,2-3,6	3,6-4,5
NEXT (dB)	4.4	4.1	4.4	5.4
Freq. (MHz)	248.5	189.5	248.5	246.5
Limit (dB)	33.2	35.2	33.2	33.2
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	5.8	5.5	5.8	5.5
Freq. (MHz)	248.5	249.5	248.5	249.5
Limit (dB)	30.2	30.2	30.2	30.2

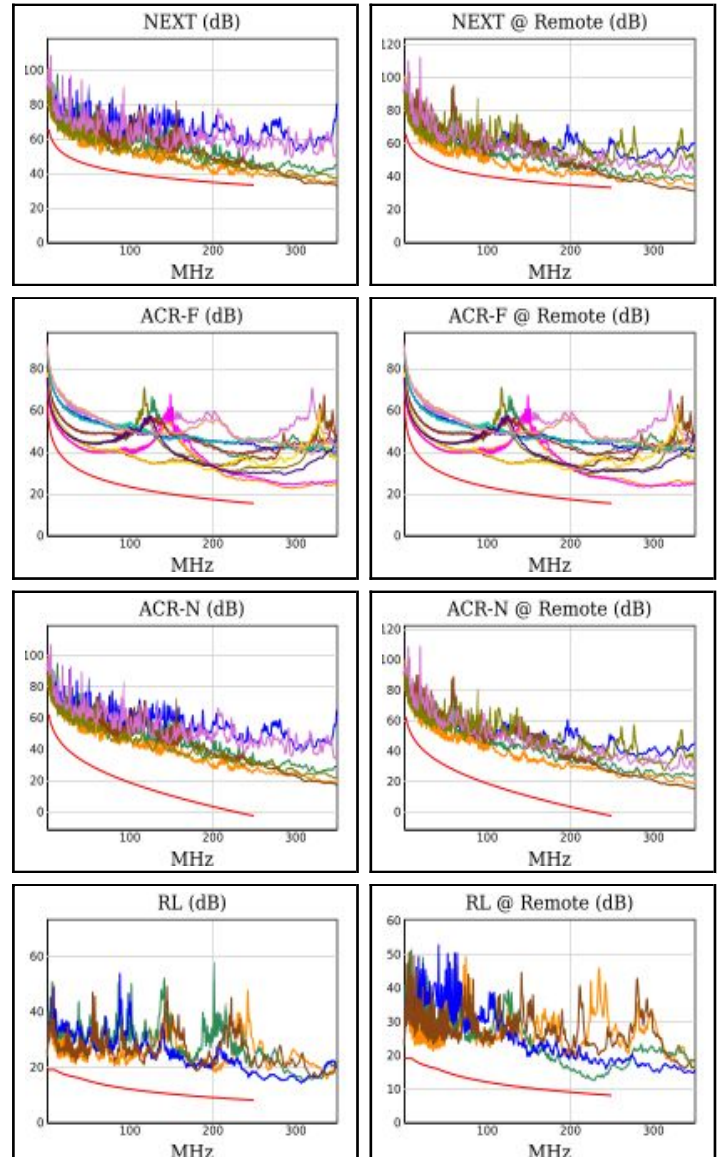
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-F (dB)	10.4	10.4	10.9	11.4
Freq. (MHz)	41.5	1.8	249.0	250.0
Limit (dB)	30.9	58.4	15.3	15.3
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	10.2	10.1	12.1	11.9
Freq. (MHz)	1.4	1.0	249.0	226.5
Limit (dB)	57.5	60.3	12.3	13.2

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)	14.1	14.2	27.0	28.3
Freq. (MHz)	3.3	22.0	248.5	250.0
Limit (dB)	60.9	41.5	-2.7	-2.8
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	14.1	15.3	28.3	28.1
Freq. (MHz)	3.3	3.3	248.5	249.5
Limit (dB)	58.4	58.4	-5.6	-5.7

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	3,6	4,5	3,6
RL (dB)	4.5	4.0	8.0	4.0
Freq. (MHz)	35.3	229.0	243.5	229.0
Limit (dB)	16.3	8.4	8.1	8.4

Compliant Network Standards:

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





Cable ID: 02-11-14

Date / Time: 08/08/2025 02:48:04 PM

Headroom: 4.2 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

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 1,2]	183
Prop. Delay (ns), Limit 555	[Pair 3,6]	284
Delay Skew (ns), Limit 50	[Pair 3,6]	14
Resistance (ohms)	[Pair 3,6]	9.5
Insertion Loss Margin (dB)	[Pair 3,6]	16.6
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-4,5	1,2-3,6	1,2-4,5
NEXT (dB)	4.2	5.4	4.7	5.4
Freq. (MHz)	175.0	244.0	249.0	244.0
Limit (dB)	35.8	33.3	33.1	33.3
Worst Pair	4,5	4,5	3,6	4,5
PS NEXT (dB)	5.2	4.8	5.6	4.8
Freq. (MHz)	31.8	244.5	250.0	244.5
Limit (dB)	45.6	30.3	30.2	30.3

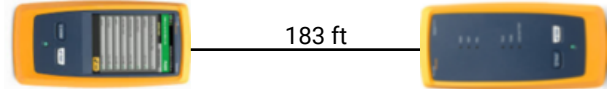
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-F (dB)	8.9	8.8	9.1	8.8
Freq. (MHz)	215.0	225.5	220.5	225.5
Limit (dB)	16.6	16.2	16.4	16.2
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	10.4	10.4	11.2	10.9
Freq. (MHz)	1.0	1.0	230.0	226.0
Limit (dB)	60.3	60.3	13.0	13.2

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	3,6-4,5	1,2-3,6	1,2-4,5
ACR-N (dB)	7.4	7.4	21.4	22.7
Freq. (MHz)	7.0	3.6	249.5	244.0
Limit (dB)	53.8	59.9	-2.8	-2.1
Worst Pair	1,2	4,5	3,6	4,5
PS ACR-N (dB)	9.6	9.0	22.3	22.2
Freq. (MHz)	7.0	3.6	250.0	244.5
Limit (dB)	51.3	57.4	-5.8	-5.2

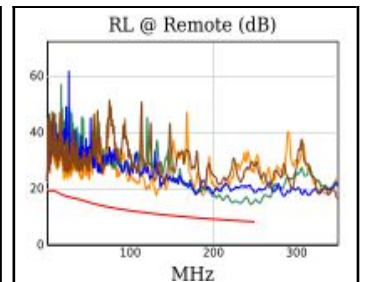
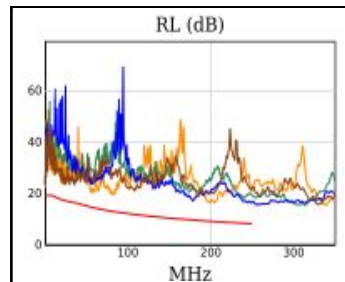
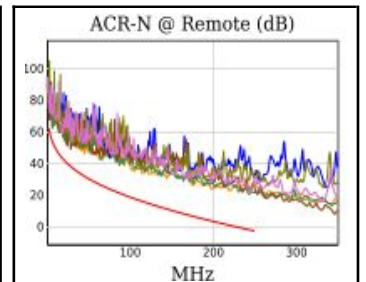
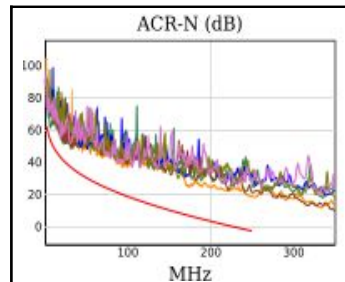
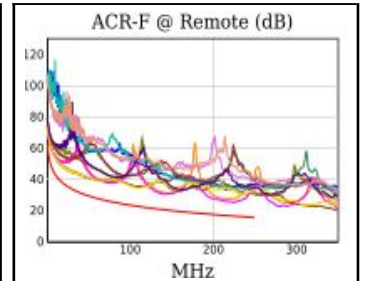
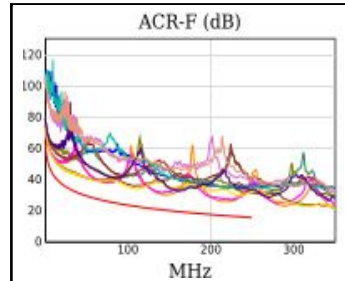
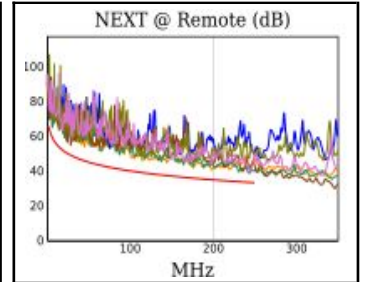
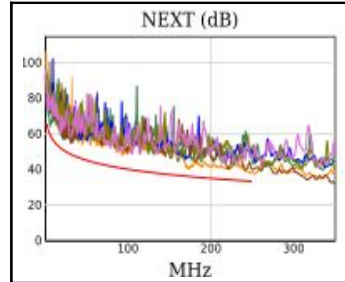
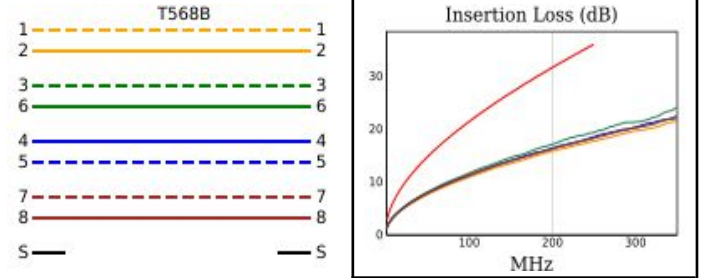
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	1,2	4,5	3,6
RL (dB)	5.7	5.7	8.0	6.1
Freq. (MHz)	58.0	20.9	249.5	246.0
Limit (dB)	14.4	17.4	8.0	8.1

Compliant Network Standards:

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



PASS





Cable ID: 02-11-15

Date / Time: 08/08/2025 02:10:26 PM

Headroom: 5.8 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

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]	254
Delay Skew (ns), Limit 50	[Pair 4,5]	9
Resistance (ohms)	[Pair 3,6]	8.1
Insertion Loss Margin (dB)	[Pair 3,6]	19.0
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	1,2-3,6	3,6-4,5	1,2-3,6
NEXT (dB)	8.3	5.8	8.3	7.8
Freq. (MHz)	250.0	105.5	250.0	241.5
Limit (dB)	33.1	39.5	33.1	33.4
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	7.8	7.7	8.5	8.3
Freq. (MHz)	224.5	105.5	250.0	250.0
Limit (dB)	31.0	36.7	30.2	30.2

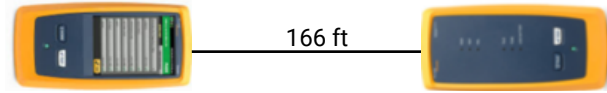
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-F (dB)	9.3	9.0	9.5	10.5
Freq. (MHz)	177.0	177.5	235.5	243.5
Limit (dB)	18.3	18.3	15.8	15.5
Worst Pair	3,6	3,6	3,6	1,2
PS ACR-F (dB)	10.9	10.9	12.0	12.9
Freq. (MHz)	172.0	177.5	235.5	239.0
Limit (dB)	15.5	15.3	12.8	12.7

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-4,5	3,6-4,5	1,2-3,6
ACR-N (dB)	15.4	14.5	27.6	27.4
Freq. (MHz)	8.8	3.6	250.0	250.0
Limit (dB)	51.6	59.9	-2.8	-2.8
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	15.0	15.4	27.6	27.4
Freq. (MHz)	7.4	3.5	250.0	250.0
Limit (dB)	50.7	57.7	-5.8	-5.8

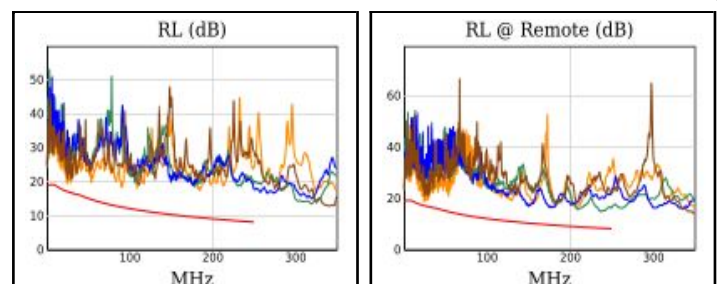
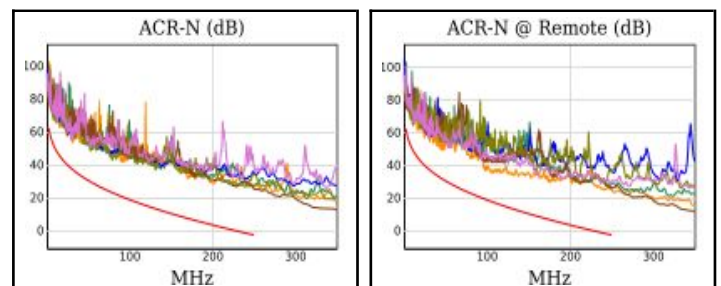
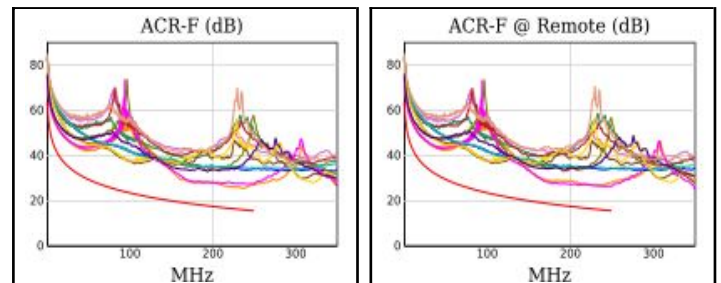
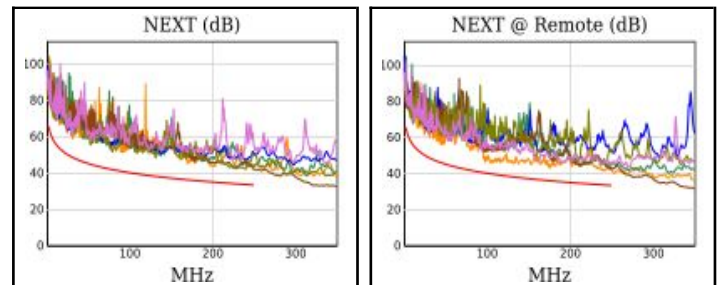
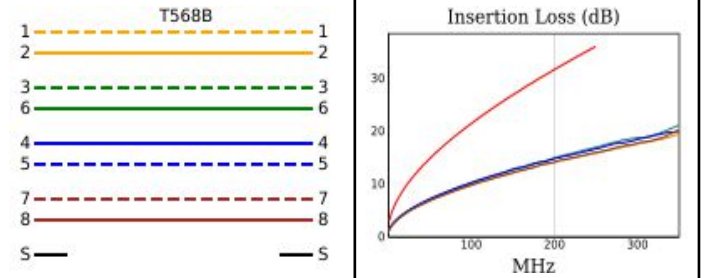
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	1,2	1,2	3,6
RL (dB)	2.2	1.5	7.8	6.5
Freq. (MHz)	24.9	25.0	185.0	237.5
Limit (dB)	17.0	17.0	9.3	8.2

Compliant Network Standards:

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



PASS





Cable ID: 02-11-16

Test Summary: PASS

Date / Time: 08/08/2025 01:53:48 PM

Headroom: 2 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

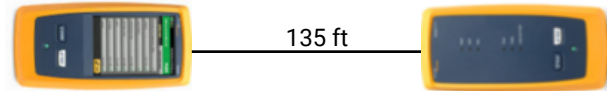
Main S/N: 1927404

Remote S/N: 1927408

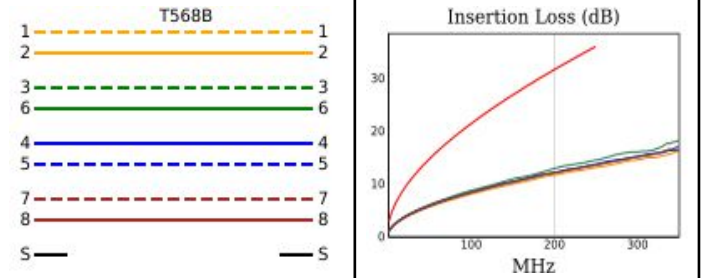
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 1,2]	135
Prop. Delay (ns), Limit 555	[Pair 3,6]	210
Delay Skew (ns), Limit 50	[Pair 3,6]	11
Resistance (ohms)	[Pair 3,6]	7.0
Insertion Loss Margin (dB)	[Pair 3,6]	21.5
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9



PASS



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-4,5	1,2-3,6	3,6-4,5
NEXT (dB)	2.0	4.4	2.0	5.5
Freq. (MHz)	250.0	178.0	250.0	230.5
Limit (dB)	33.1	35.7	33.1	33.7
Worst Pair	1,2	3,6	1,2	3,6
PS NEXT (dB)	3.4	5.2	3.5	6.4
Freq. (MHz)	242.0	178.0	250.0	230.5
Limit (dB)	30.4	32.7	30.2	30.8

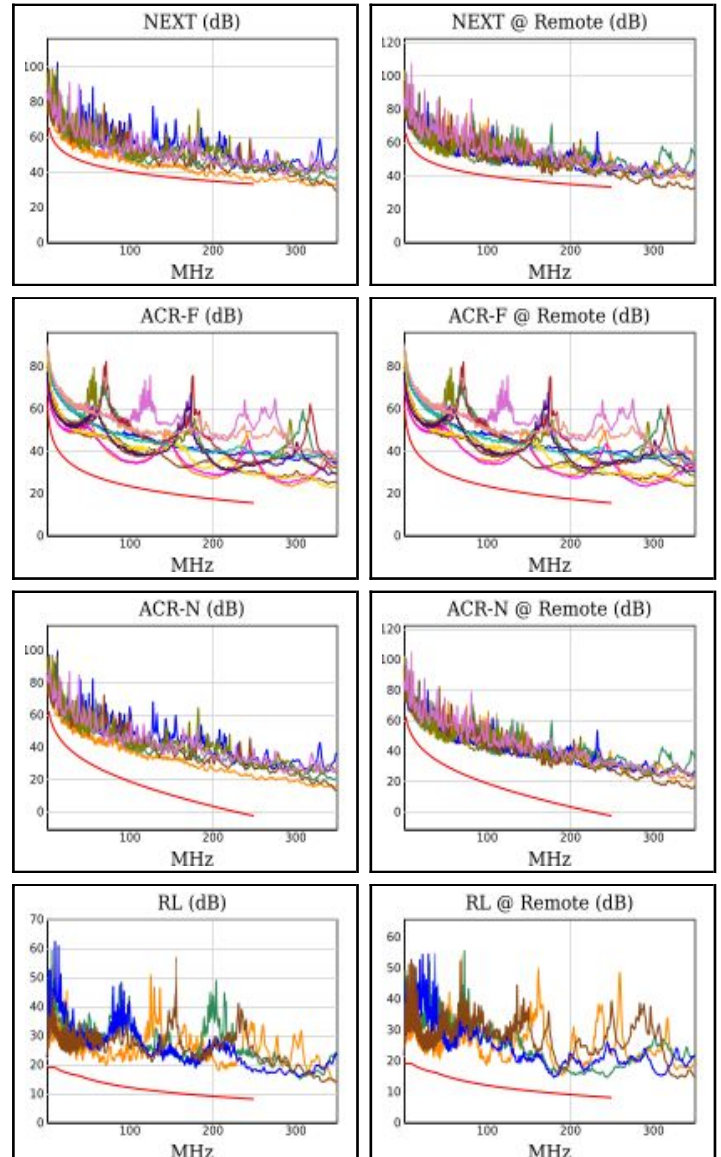
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-F (dB)	9.9	10.1	9.9	10.2
Freq. (MHz)	199.5	203.0	199.5	208.0
Limit (dB)	17.3	17.1	17.3	16.9
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	11.2	10.7	11.5	11.0
Freq. (MHz)	199.5	211.5	204.5	217.0
Limit (dB)	14.3	13.8	14.0	13.5

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-4,5	1,2-3,6	3,6-4,5
ACR-N (dB)	9.5	10.5	23.5	26.7
Freq. (MHz)	3.3	2.5	250.0	230.5
Limit (dB)	60.9	61.8	-2.8	-0.5
Worst Pair	1,2	3,6	3,6	3,6
PS ACR-N (dB)	11.4	11.4	25.1	26.9
Freq. (MHz)	3.3	2.8	250.0	230.5
Limit (dB)	58.4	58.6	-5.8	-3.5

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	1,2	4,5	3,6
RL (dB)	5.4	4.8	9.3	6.5
Freq. (MHz)	36.3	44.0	248.5	245.0
Limit (dB)	16.2	15.6	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: 02-11-17

Test Summary: PASS

Date / Time: 08/08/2025 02:13:29 PM

Headroom: 3.5 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

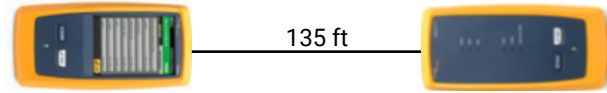
Main S/N: 1927404

Remote S/N: 1927408

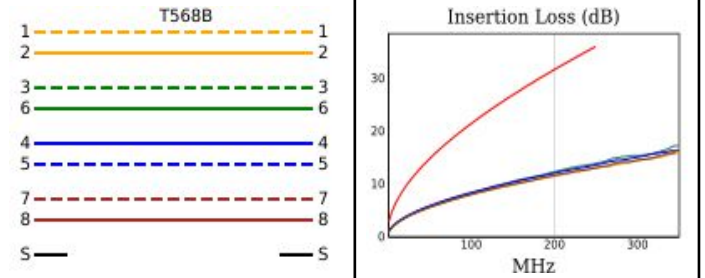
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 7,8]	135
Prop. Delay (ns), Limit 555	[Pair 4,5]	206
Delay Skew (ns), Limit 50	[Pair 4,5]	7
Resistance (ohms)	[Pair 3,6]	6.6
Insertion Loss Margin (dB)	[Pair 3,6]	22.1
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9



PASS



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-4,5
NEXT (dB)	3.5	7.0	3.5	8.9
Freq. (MHz)	215.0	145.5	215.0	249.5
Limit (dB)	34.2	37.2	34.2	33.1
Worst Pair	1,2	3,6	1,2	4,5
PS NEXT (dB)	5.4	9.0	6.4	9.6
Freq. (MHz)	215.0	145.5	247.0	246.5
Limit (dB)	31.3	34.3	30.2	30.3

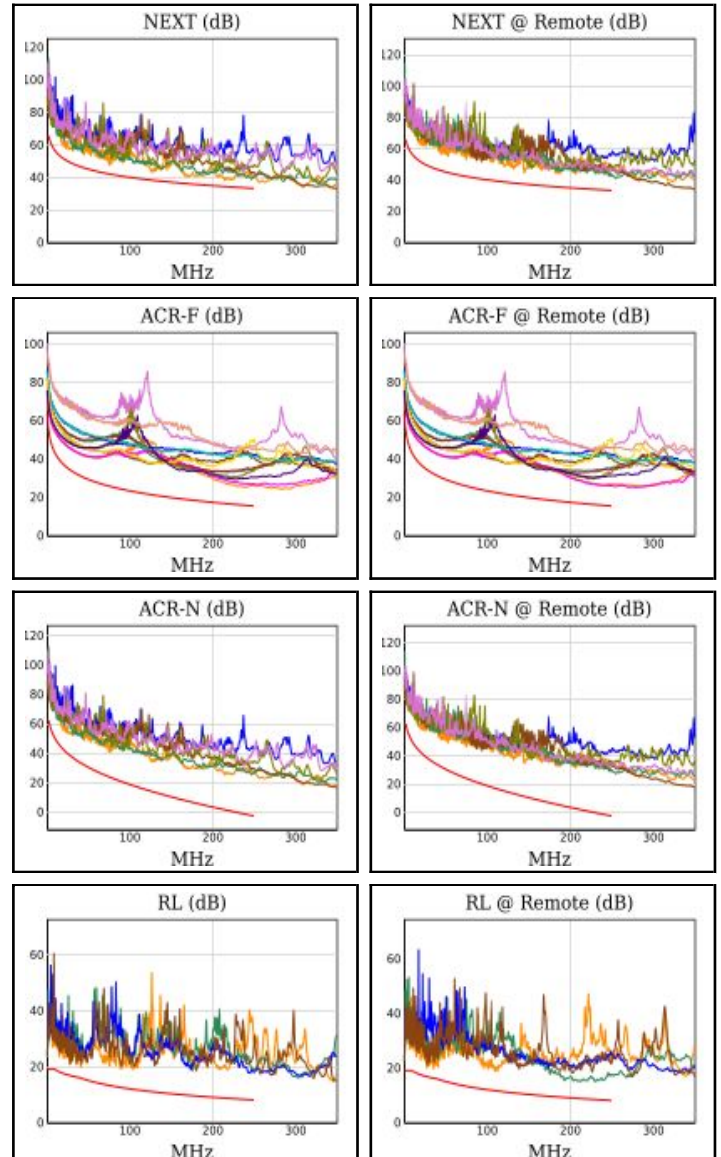
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-F (dB)	9.5	10.3	9.5	10.4
Freq. (MHz)	239.0	238.5	239.0	247.0
Limit (dB)	15.7	15.7	15.7	15.4
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	10.8	11.0	11.2	12.0
Freq. (MHz)	1.0	1.0	239.0	238.5
Limit (dB)	60.3	60.3	12.7	12.7

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-4,5
ACR-N (dB)	13.1	15.8	23.5	31.3
Freq. (MHz)	20.8	5.6	215.0	249.5
Limit (dB)	42.2	55.9	1.4	-2.8
Worst Pair	1,2	3,6	4,5	4,5
PS ACR-N (dB)	14.5	16.0	28.9	31.9
Freq. (MHz)	21.0	4.6	246.5	246.5
Limit (dB)	39.4	55.2	-5.4	-5.4

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	1,2	4,5	3,6
RL (dB)	3.8	3.2	9.4	6.6
Freq. (MHz)	41.5	36.3	245.5	231.0
Limit (dB)	15.8	16.2	8.1	8.4

Compliant Network Standards:

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





Cable ID: 02-11-18

Date / Time: 08/08/2025 10:18:08 AM

Headroom: 2.5 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

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]	138
Prop. Delay (ns), Limit 555	[Pair 4,5]	212
Delay Skew (ns), Limit 50	[Pair 4,5]	8
Resistance (ohms)	[Pair 3,6]	6.7
Insertion Loss Margin (dB)	[Pair 3,6]	21.8
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	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
NEXT (dB)	5.2	2.5	5.8	3.8
Freq. (MHz)	139.5	186.5	223.5	249.0
Limit (dB)	37.5	35.3	34.0	33.1
Worst Pair	3,6	1,2	3,6	3,6
PS NEXT (dB)	7.0	4.6	7.0	5.1
Freq. (MHz)	223.5	183.5	223.5	250.0
Limit (dB)	31.0	32.5	31.0	30.2

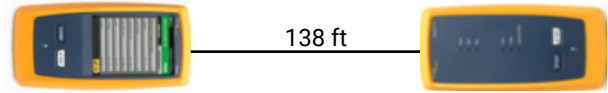
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-F (dB)	10.9	10.7	11.0	10.7
Freq. (MHz)	233.0	216.5	239.5	216.5
Limit (dB)	15.9	16.5	15.7	16.5
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	12.5	12.4	13.3	12.8
Freq. (MHz)	29.1	1.0	232.5	216.5
Limit (dB)	31.0	60.3	12.9	13.5

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)	12.7	12.3	26.1	25.6
Freq. (MHz)	10.4	10.3	223.5	249.0
Limit (dB)	49.9	50.0	0.3	-2.7
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	13.9	14.1	27.2	27.0
Freq. (MHz)	10.5	7.6	223.5	250.0
Limit (dB)	47.2	50.4	-2.6	-5.8

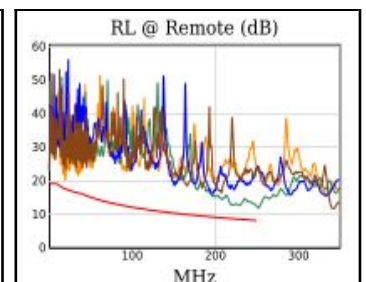
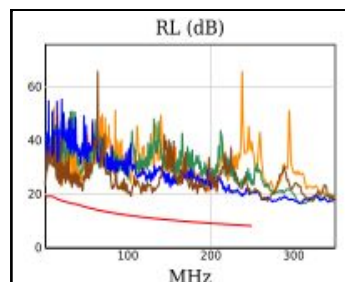
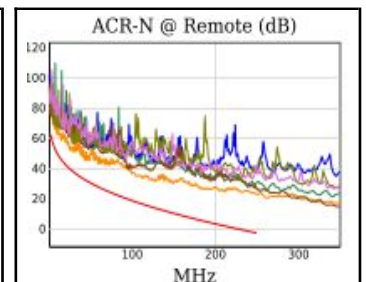
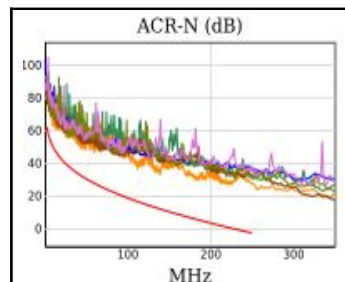
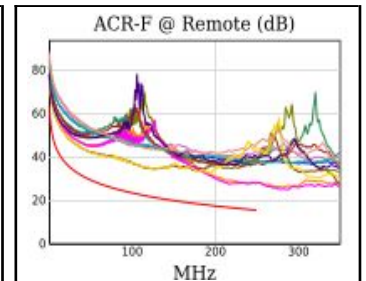
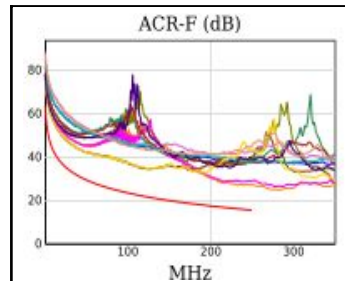
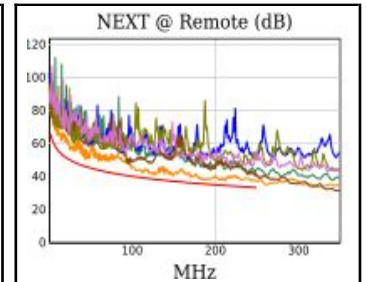
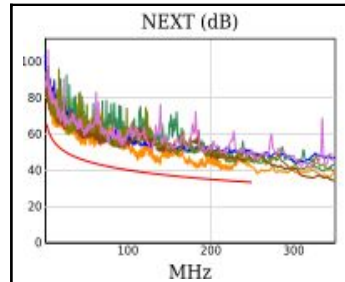
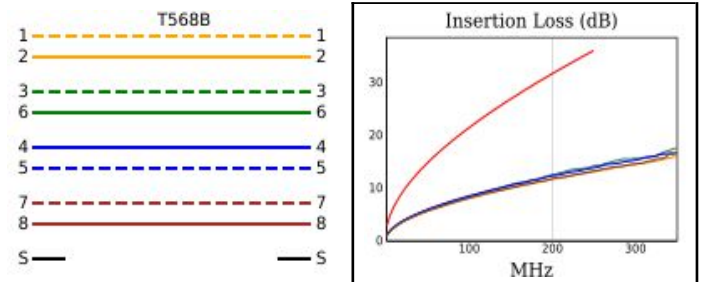
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	1,2	7,8	3,6
RL (dB)	5.2	2.6	7.2	4.4
Freq. (MHz)	20.4	20.4	104.0	250.0
Limit (dB)	17.5	17.5	11.8	8.0

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: 02-11-19

Test Summary: PASS

Date / Time: 08/08/2025 02:24:59 PM

Headroom: 1.8 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

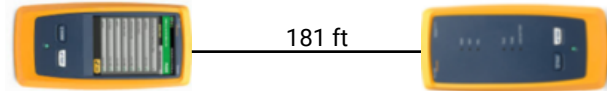
Main S/N: 1927404

Remote S/N: 1927408

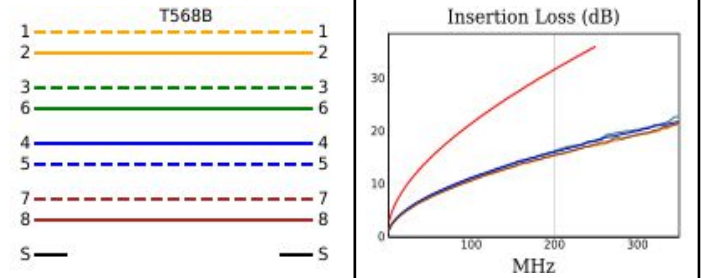
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 7,8]	181
Prop. Delay (ns), Limit 555	[Pair 4,5]	277
Delay Skew (ns), Limit 50	[Pair 4,5]	10
Resistance (ohms)	[Pair 3,6]	8.9
Insertion Loss Margin (dB)	[Pair 3,6]	17.8
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	1,2-3,6	3,6-4,5	1,2-3,6	3,6-4,5
NEXT (dB)	1.8	4.0	1.9	4.0
Freq. (MHz)	238.0	243.0	242.0	243.0
Limit (dB)	33.5	33.3	33.4	33.3
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	3.6	5.2	3.7	5.3
Freq. (MHz)	238.0	243.5	241.5	245.0
Limit (dB)	30.5	30.4	30.4	30.3

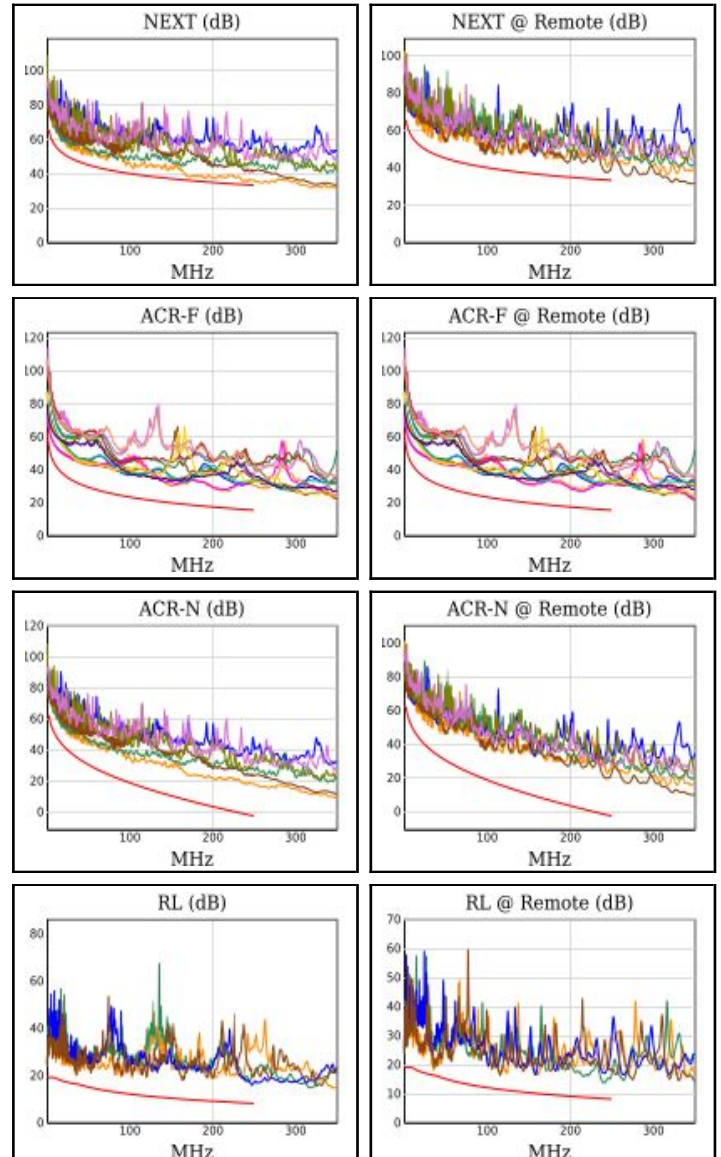
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-F (dB)	10.1	10.1	10.5	10.1
Freq. (MHz)	151.0	214.0	221.0	214.0
Limit (dB)	19.7	16.6	16.4	16.6
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	11.4	12.2	13.1	12.7
Freq. (MHz)	151.0	155.0	220.5	214.0
Limit (dB)	16.7	16.5	13.4	13.6

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-4,5	1,2-3,6	3,6-4,5
ACR-N (dB)	9.9	10.5	19.4	21.4
Freq. (MHz)	25.3	3.4	242.0	243.0
Limit (dB)	39.8	60.5	-1.9	-2.0
Worst Pair	1,2	4,5	3,6	3,6
PS ACR-N (dB)	10.8	11.8	21.3	22.9
Freq. (MHz)	28.9	3.4	243.0	245.0
Limit (dB)	35.4	58.0	-5.0	-5.2

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	4,5	3,6
RL (dB)	3.7	1.5	7.7	5.4
Freq. (MHz)	36.3	36.3	247.0	240.0
Limit (dB)	16.2	16.2	8.1	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: 02-11-21

Test Summary: PASS

Date / Time: 08/08/2025 02:31:30 PM

Headroom: 4.8 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

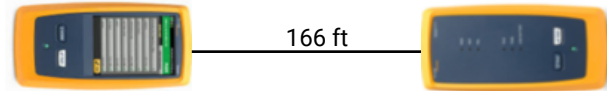
Main S/N: 1927404

Remote S/N: 1927408

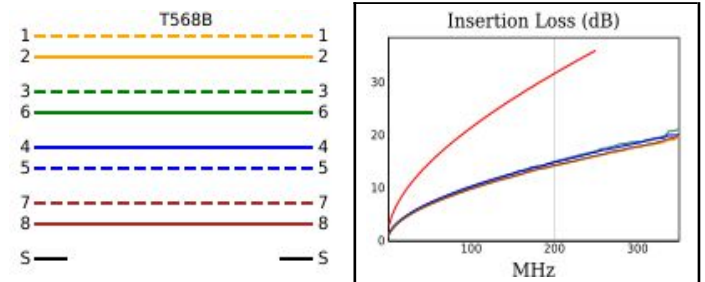
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 7,8]	166
Prop. Delay (ns), Limit 555	[Pair 4,5]	254
Delay Skew (ns), Limit 50	[Pair 4,5]	9
Resistance (ohms)	[Pair 3,6]	8.2
Insertion Loss Margin (dB)	[Pair 3,6]	19.1
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9



PASS



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
NEXT (dB)	6.3	4.8	6.7	4.8
Freq. (MHz)	191.5	174.5	219.5	174.5
Limit (dB)	35.1	35.8	34.1	35.8
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	8.0	6.0	8.0	7.4
Freq. (MHz)	247.5	174.5	247.5	245.5
Limit (dB)	30.2	32.9	30.2	30.3

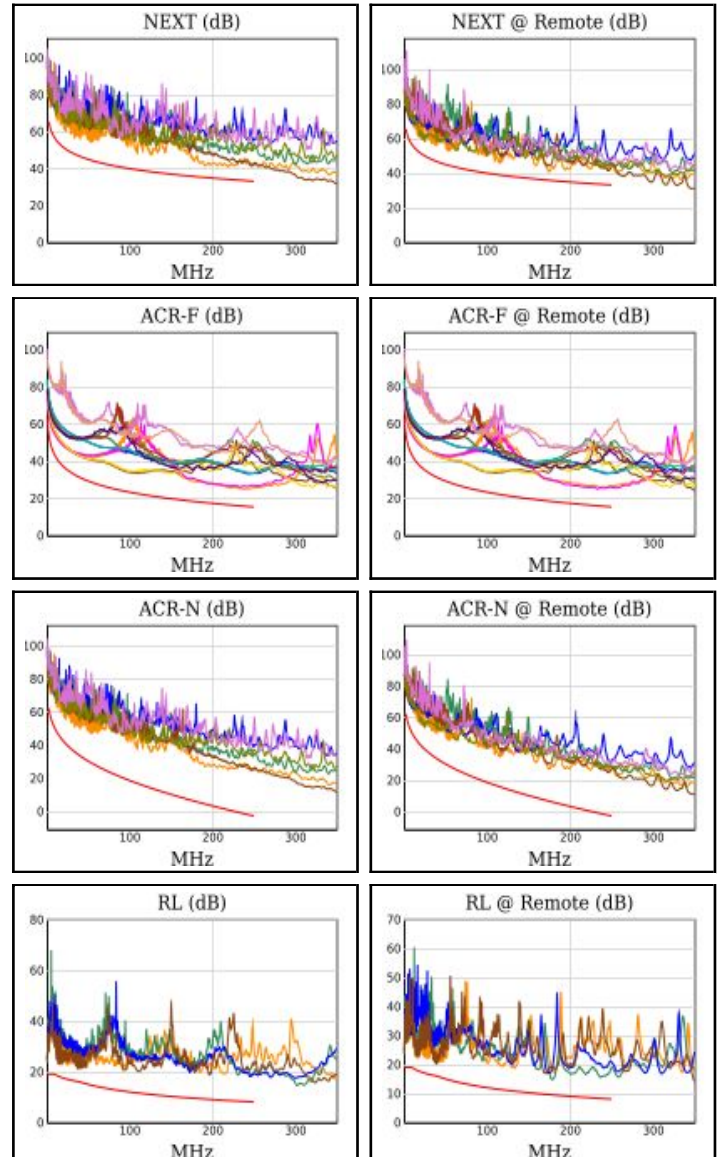
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-F (dB)	9.2	9.1	9.5	9.1
Freq. (MHz)	236.5	234.5	243.0	234.5
Limit (dB)	15.8	15.9	15.5	15.9
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	10.8	10.7	11.8	11.9
Freq. (MHz)	1.3	1.0	236.5	233.0
Limit (dB)	58.3	60.3	12.8	12.9

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	3,6-4,5	3,6-4,5
ACR-N (dB)	13.2	13.2	26.9	27.1
Freq. (MHz)	4.6	19.0	247.5	247.5
Limit (dB)	57.7	43.2	-2.5	-2.5
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	14.0	13.3	26.9	26.3
Freq. (MHz)	4.6	19.0	247.5	245.5
Limit (dB)	55.2	40.6	-5.5	-5.3

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	1,2	4,5	3,6
RL (dB)	4.6	4.0	9.9	5.1
Freq. (MHz)	16.6	16.6	245.0	179.0
Limit (dB)	17.9	17.9	8.1	9.5

Compliant Network Standards:

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





Cable ID: 02-11-22

Test Summary: PASS

Date / Time: 08/08/2025 02:29:19 PM

Headroom: 5 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

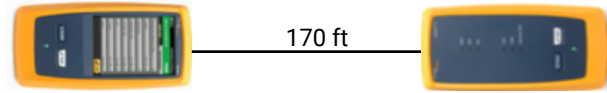
Main S/N: 1927404

Remote S/N: 1927408

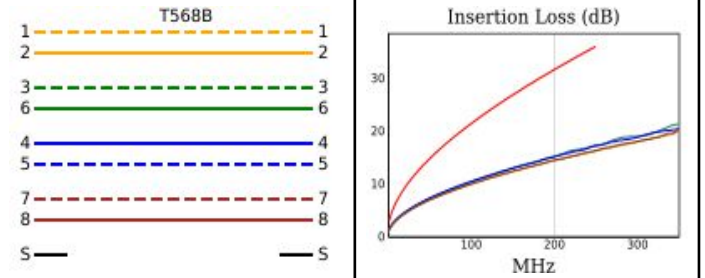
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 7,8]	170
Prop. Delay (ns), Limit 555	[Pair 4,5]	259
Delay Skew (ns), Limit 50	[Pair 4,5]	9
Resistance (ohms)	[Pair 3,6]	8.6
Insertion Loss Margin (dB)	[Pair 4,5]	18.7
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	3,6-4,5	3,6-7,8	3,6-4,5
NEXT (dB)	6.6	5.0	6.6	5.0
Freq. (MHz)	241.0	248.5	241.0	248.5
Limit (dB)	33.4	33.2	33.4	33.2
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	6.4	6.1	6.4	6.1
Freq. (MHz)	242.0	248.5	242.0	248.5
Limit (dB)	30.4	30.2	30.4	30.2

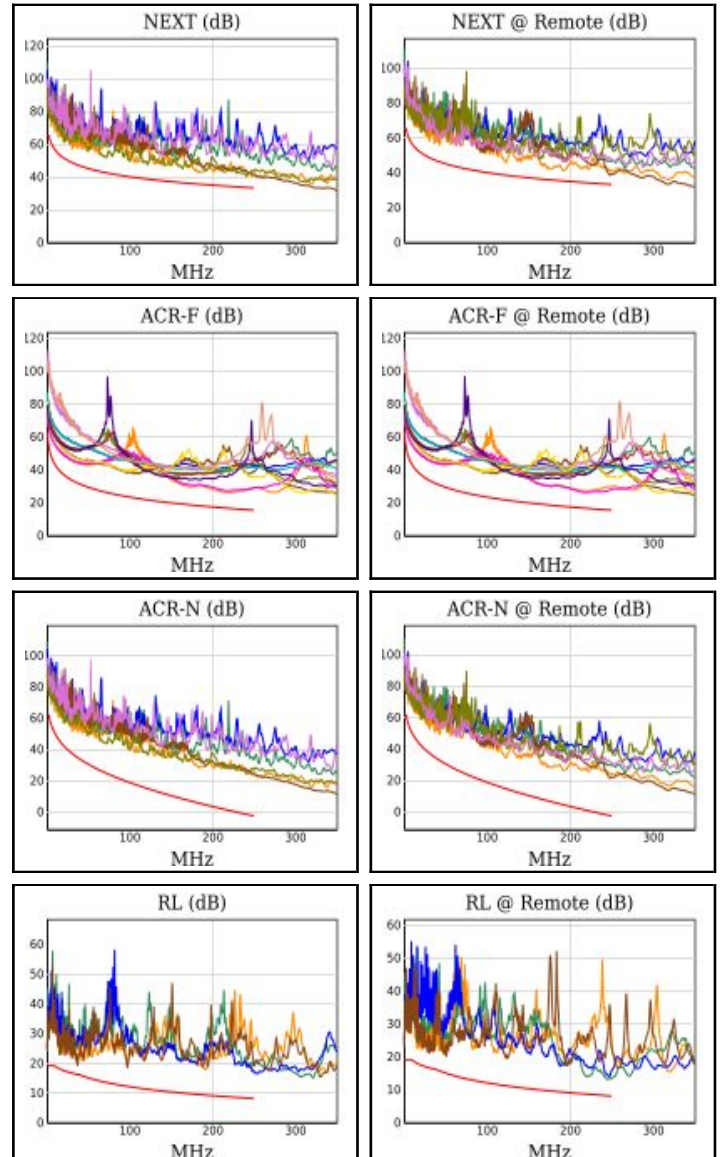
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-F (dB)	9.3	9.4	9.3	9.6
Freq. (MHz)	221.0	216.0	221.0	219.5
Limit (dB)	16.4	16.6	16.4	16.4
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	11.8	12.2	11.8	12.3
Freq. (MHz)	221.0	218.5	221.0	219.5
Limit (dB)	13.4	13.5	13.4	13.4

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	3,6-4,5
ACR-N (dB)	12.9	13.0	26.0	23.7
Freq. (MHz)	6.1	6.1	247.0	248.5
Limit (dB)	55.1	55.1	-2.5	-2.7
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	14.6	14.2	25.4	24.8
Freq. (MHz)	21.0	3.4	248.5	248.5
Limit (dB)	39.4	58.0	-5.6	-5.6

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	4,5	3,6
RL (dB)	2.9	4.5	9.0	4.9
Freq. (MHz)	37.5	16.3	248.5	245.0
Limit (dB)	16.1	17.9	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: 02-11-23

Test Summary: PASS

Date / Time: 08/08/2025 03:44:00 PM

Headroom: 3.2 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

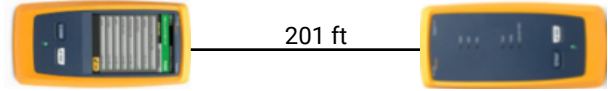
Main S/N: 1927404

Remote S/N: 1927408

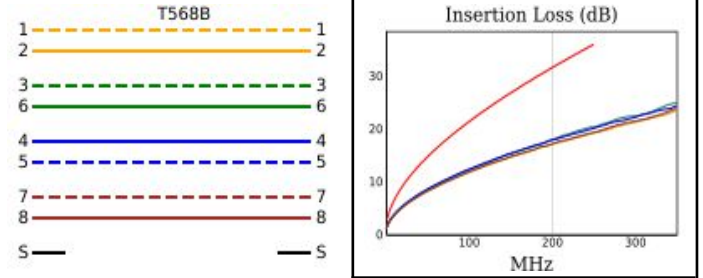
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 7,8]	201
Prop. Delay (ns), Limit 555	[Pair 4,5]	307
Delay Skew (ns), Limit 50	[Pair 4,5]	11
Resistance (ohms)	[Pair 3,6]	9.9
Insertion Loss Margin (dB)	[Pair 3,6]	15.6
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	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
NEXT (dB)	4.2	3.2	4.4	4.2
Freq. (MHz)	137.5	137.0	250.0	241.5
Limit (dB)	37.6	37.6	33.1	33.4
Worst Pair	3,6	1,2	3,6	1,2
PS NEXT (dB)	5.4	4.8	5.4	5.1
Freq. (MHz)	250.0	204.5	250.0	241.5
Limit (dB)	30.2	31.7	30.2	30.4

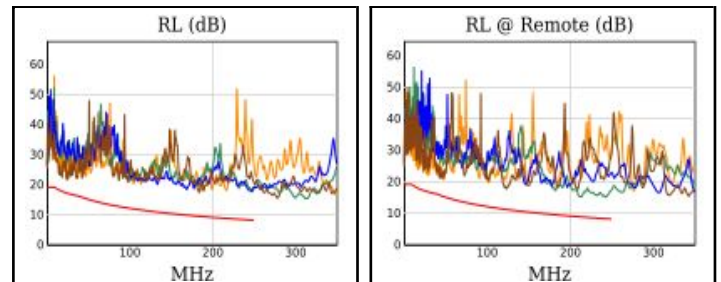
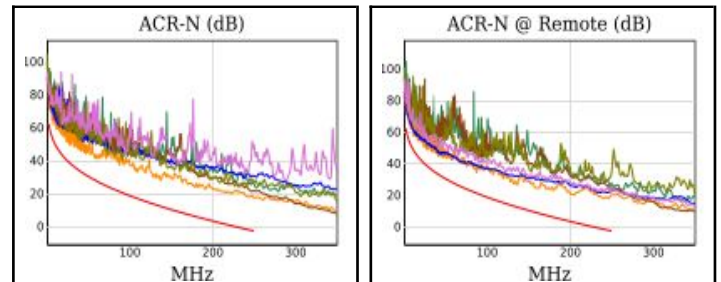
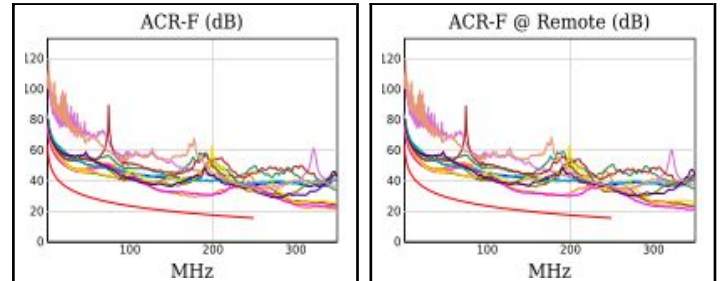
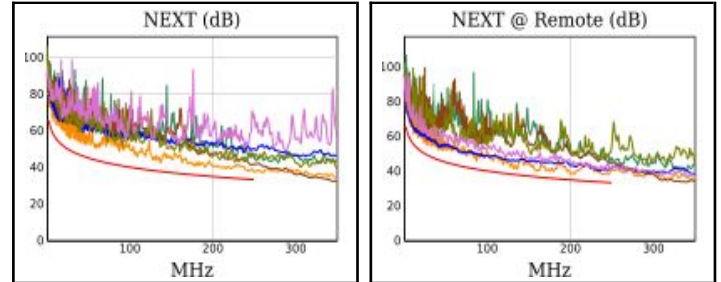
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-1,2	1,2-3,6	1,2-3,6
ACR-F (dB)	11.0	11.7	11.2	12.3
Freq. (MHz)	170.5	180.0	180.5	198.5
Limit (dB)	18.6	18.2	18.1	17.3
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	13.1	13.1	13.8	17.0
Freq. (MHz)	25.4	138.0	180.5	250.0
Limit (dB)	32.2	17.5	15.1	12.3

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)	9.8	8.9	20.0	19.9
Freq. (MHz)	8.8	12.0	250.0	246.5
Limit (dB)	51.6	48.3	-2.8	-2.4
Worst Pair	1,2	1,2	3,6	3,6
PS ACR-N (dB)	11.5	9.7	21.1	21.9
Freq. (MHz)	8.8	12.1	250.0	247.0
Limit (dB)	49.0	45.6	-5.8	-5.4

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	7,8	3,6
RL (dB)	4.5	5.1	7.7	6.9
Freq. (MHz)	24.4	29.1	184.0	243.5
Limit (dB)	17.1	16.7	9.4	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: 02-11-24

Test Summary: PASS

Date / Time: 08/08/2025 12:26:27 PM

Headroom: 3.1 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

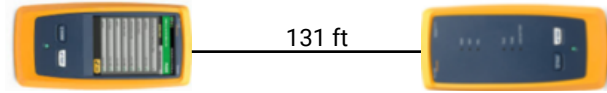
Main S/N: 1927404

Remote S/N: 1927408

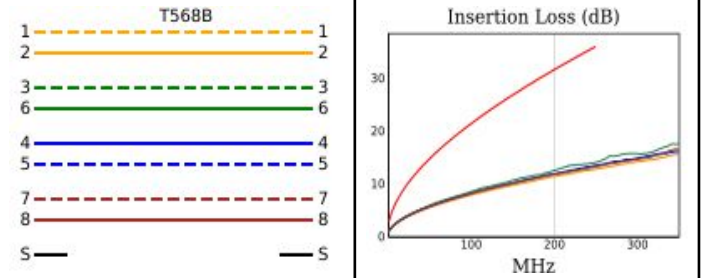
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 1,2]	131
Prop. Delay (ns), Limit 555	[Pair 3,6]	204
Delay Skew (ns), Limit 50	[Pair 3,6]	11
Resistance (ohms)	[Pair 7,8]	6.8
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	3,6-4,5	3,6-4,5	3,6-4,5	3,6-4,5
NEXT (dB)	4.1	3.1	4.1	5.2
Freq. (MHz)	248.5	86.8	248.5	222.0
Limit (dB)	33.2	41.0	33.2	34.0
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	4.6	5.4	4.6	7.4
Freq. (MHz)	250.0	87.0	250.0	244.0
Limit (dB)	30.2	38.1	30.2	30.3

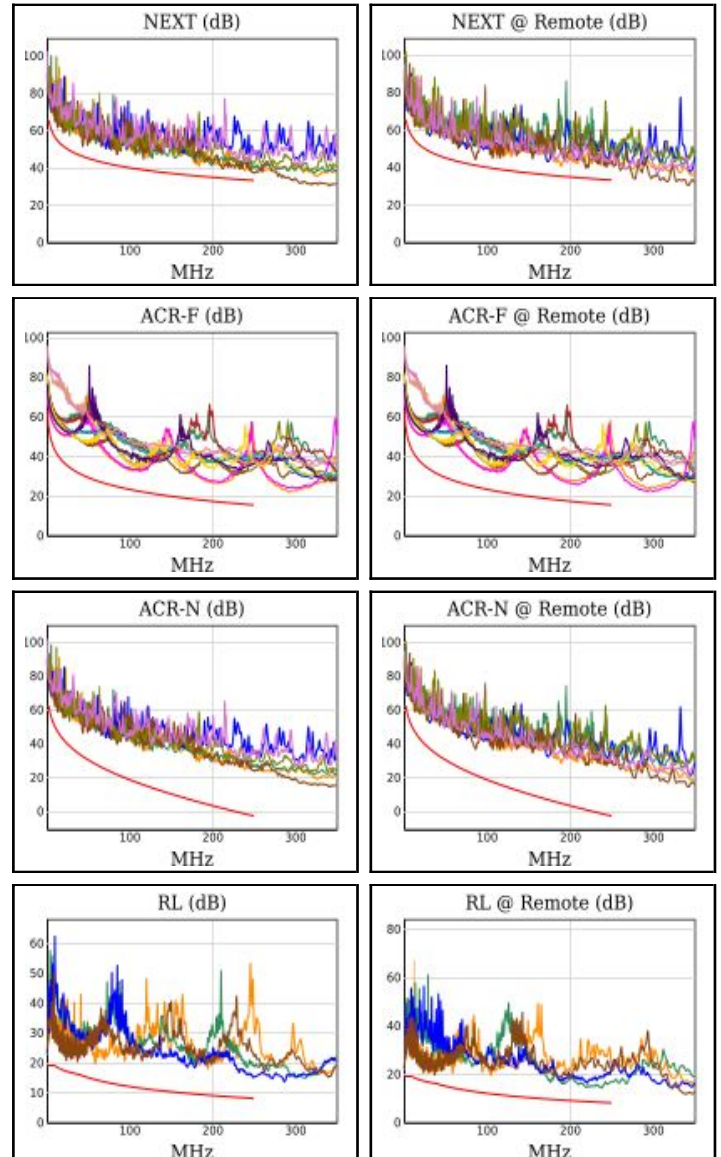
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-F (dB)	9.3	8.7	9.4	8.7
Freq. (MHz)	206.0	210.5	209.0	210.5
Limit (dB)	17.0	16.8	16.9	16.8
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	10.3	10.0	11.3	10.8
Freq. (MHz)	106.5	112.5	202.5	210.5
Limit (dB)	19.7	19.2	14.1	13.8

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	1,2-7,8	3,6-4,5	3,6-4,5
ACR-N (dB)	11.5	10.8	26.6	28.5
Freq. (MHz)	13.4	4.8	248.5	244.0
Limit (dB)	47.2	57.5	-2.7	-2.1
Worst Pair	3,6	1,2	3,6	3,6
PS ACR-N (dB)	13.2	11.7	26.6	29.0
Freq. (MHz)	13.6	4.8	250.0	244.0
Limit (dB)	44.4	54.9	-5.8	-5.1

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	4,5	3,6
RL (dB)	3.5	3.4	7.0	6.0
Freq. (MHz)	24.0	37.5	249.0	238.5
Limit (dB)	17.1	16.1	8.0	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: 02-12-01

Date / Time: 10/14/2025 05:32:03 PM

Headroom: 1.6 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

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

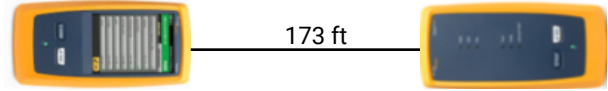
Remote S/N: 1927408

Main Adapter: DSX-CHA804

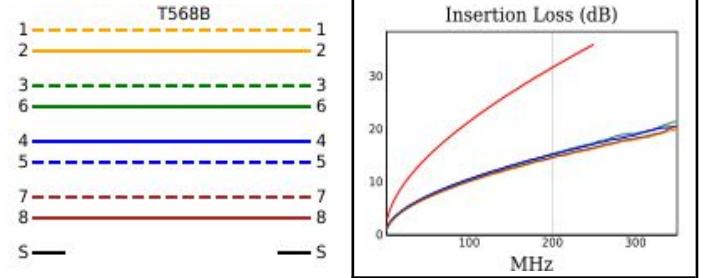
Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 7,8]	173
Prop. Delay (ns), Limit 555	[Pair 4,5]	264
Delay Skew (ns), Limit 50	[Pair 4,5]	9
Resistance (ohms)	[Pair 7,8]	9.4
Insertion Loss Margin (dB)	[Pair 3,6]	18.7
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	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
NEXT (dB)	1.6	6.2	2.7	6.2
Freq. (MHz)	192.5	248.5	237.5	248.5
Limit (dB)	35.1	33.2	33.5	33.2
Worst Pair	3,6	1,2	3,6	1,2
PS NEXT (dB)	3.6	7.6	3.8	7.6
Freq. (MHz)	194.5	248.5	237.5	248.5
Limit (dB)	32.1	30.2	30.5	30.2

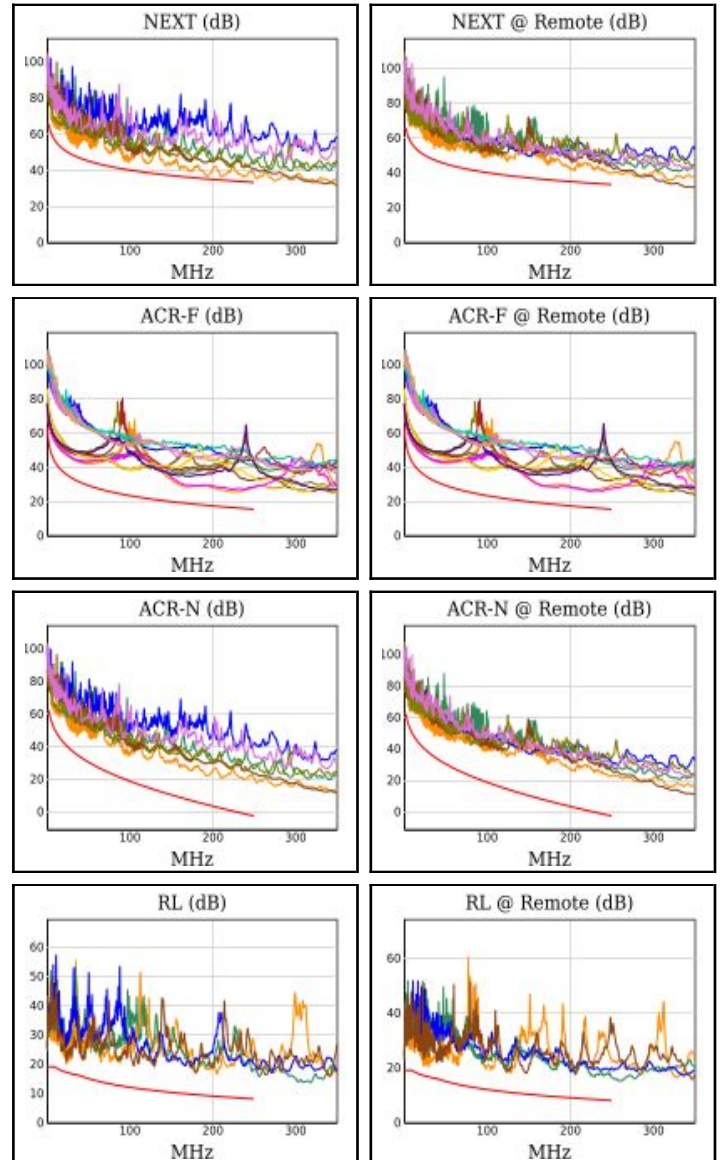
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-F (dB)	9.0	9.7	9.4	10.3
Freq. (MHz)	220.5	224.0	230.5	240.5
Limit (dB)	16.4	16.3	16.0	15.6
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	11.5	12.0	11.6	12.4
Freq. (MHz)	167.5	25.4	220.5	240.5
Limit (dB)	15.8	32.2	13.4	12.6

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-N (dB)	10.1	11.1	20.8	24.9
Freq. (MHz)	6.0	6.0	237.5	248.5
Limit (dB)	55.3	55.3	-1.4	-2.7
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	10.9	11.5	21.8	26.1
Freq. (MHz)	8.3	8.3	237.5	247.5
Limit (dB)	49.6	49.6	-4.3	-5.5

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	1,2	1,2	3,6
RL (dB)	2.7	3.4	7.4	8.6
Freq. (MHz)	24.0	24.0	205.5	250.0
Limit (dB)	17.1	17.1	8.9	8.0

Compliant Network Standards:

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





Cable ID: 02-12-02

Date / Time: 10/14/2025 04:53:18 PM

Headroom: 3.8 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

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

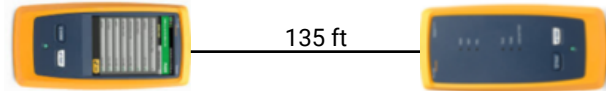
Remote S/N: 1927408

Main Adapter: DSX-CHA804

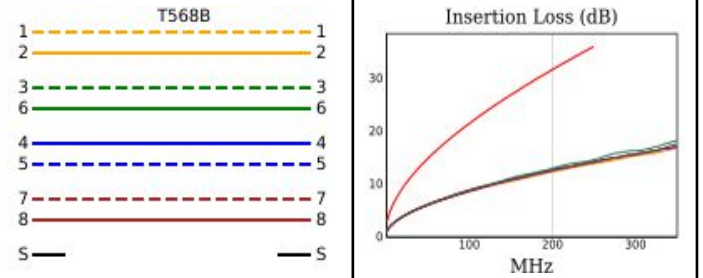
Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 4,5]	135
Prop. Delay (ns), Limit 555	[Pair 7,8]	210
Delay Skew (ns), Limit 50	[Pair 7,8]	12
Resistance (ohms)	[Pair 3,6]	7.5
Insertion Loss Margin (dB)	[Pair 3,6]	21.4
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9



PASS



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	3,6-4,5
NEXT (dB)	5.0	3.8	5.0	3.8
Freq. (MHz)	247.0	250.0	247.0	250.0
Limit (dB)	33.2	33.1	33.2	33.1
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	5.2	4.3	5.2	4.3
Freq. (MHz)	243.5	246.5	243.5	246.5
Limit (dB)	30.4	30.3	30.4	30.3

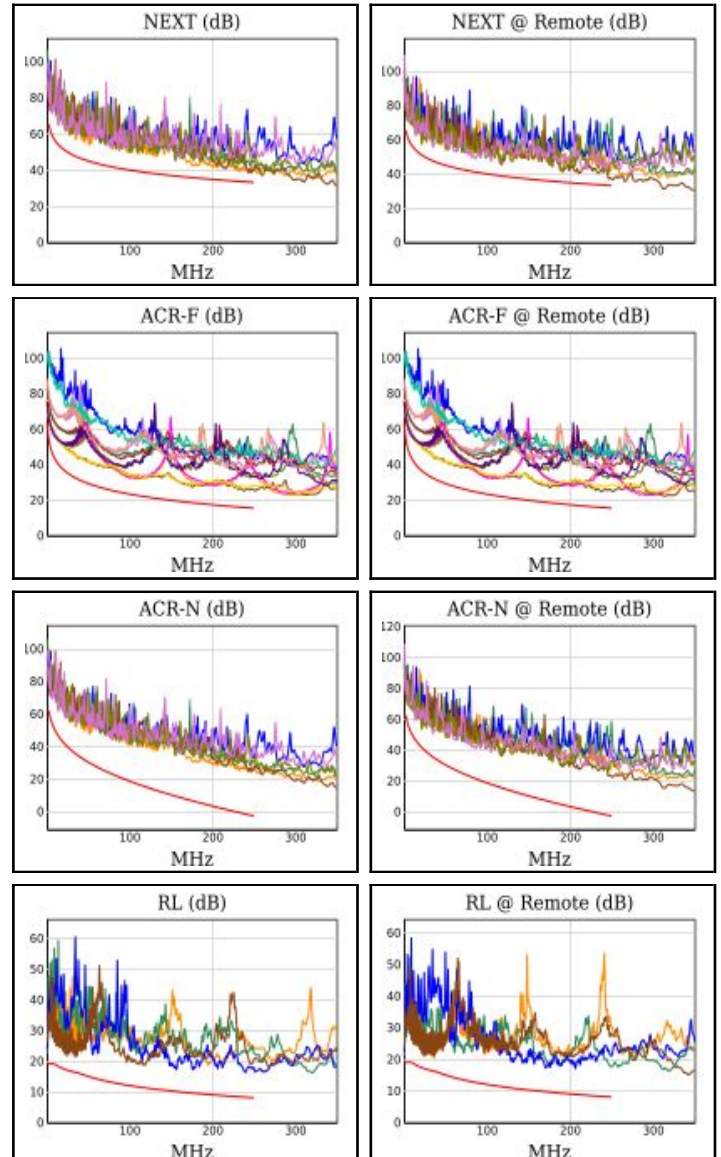
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	4,5-3,6	3,6-4,5	4,5-3,6
ACR-F (dB)	8.9	8.6	9.5	9.1
Freq. (MHz)	101.0	176.0	238.5	238.5
Limit (dB)	23.2	18.3	15.7	15.7
Worst Pair	3,6	3,6	4,5	3,6
PS ACR-F (dB)	9.3	9.1	12.3	11.4
Freq. (MHz)	101.0	106.0	238.5	239.0
Limit (dB)	20.2	19.8	12.7	12.7

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	3,6-4,5
ACR-N (dB)	12.8	11.7	26.7	25.6
Freq. (MHz)	4.5	4.8	247.0	250.0
Limit (dB)	58.0	57.5	-2.5	-2.8
Worst Pair	4,5	3,6	3,6	3,6
PS ACR-N (dB)	12.9	11.2	26.4	25.7
Freq. (MHz)	3.8	4.5	243.5	246.5
Limit (dB)	57.1	55.4	-5.0	-5.4

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	4,5	4,5
RL (dB)	4.6	3.9	8.0	8.0
Freq. (MHz)	24.8	24.8	240.0	206.5
Limit (dB)	17.0	17.0	8.2	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: 02-12-05

Date / Time: 10/14/2025 05:03:46 PM

Headroom: 4.6 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

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

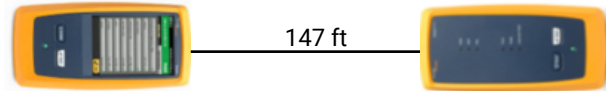
Remote S/N: 1927408

Main Adapter: DSX-CHA804

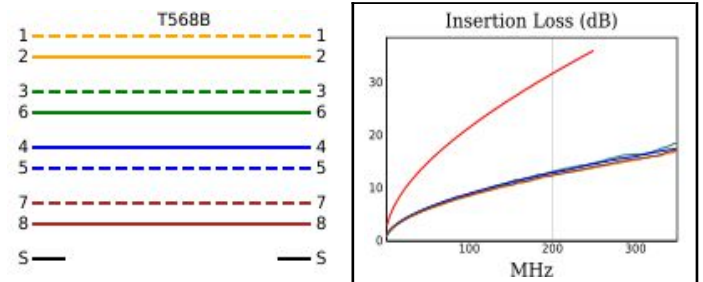
Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 7,8]	147
Prop. Delay (ns), Limit 555	[Pair 4,5]	224
Delay Skew (ns), Limit 50	[Pair 4,5]	8
Resistance (ohms)	[Pair 7,8]	7.9
Insertion Loss Margin (dB)	[Pair 3,6]	21.3
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	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
NEXT (dB)	4.6	4.7	5.2	4.7
Freq. (MHz)	190.0	205.0	232.0	205.0
Limit (dB)	35.2	34.6	33.7	34.6
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	6.2	6.8	6.5	7.1
Freq. (MHz)	205.0	215.5	244.5	235.0
Limit (dB)	31.7	31.3	30.3	30.6

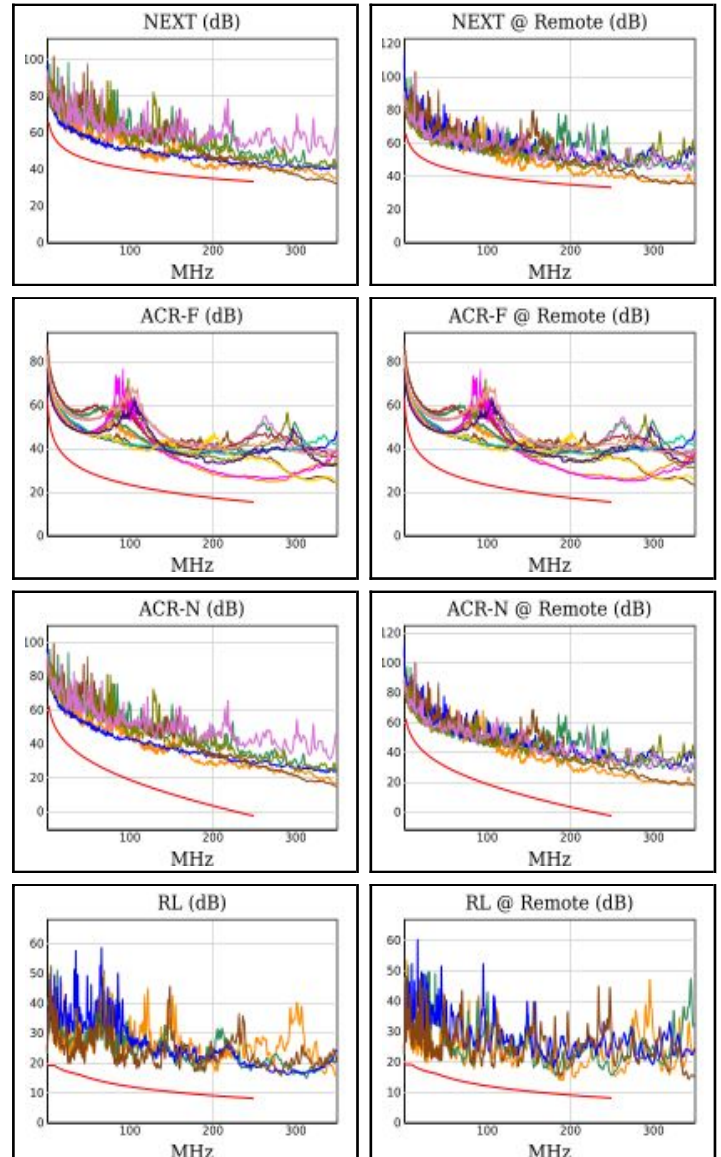
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-F (dB)	10.3	10.1	10.6	10.5
Freq. (MHz)	214.0	226.0	250.0	246.5
Limit (dB)	16.6	16.2	15.3	15.4
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	12.2	12.3	12.9	12.9
Freq. (MHz)	217.5	230.5	250.0	246.5
Limit (dB)	13.5	13.0	12.3	12.4

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)	14.6	13.6	27.0	27.5
Freq. (MHz)	3.5	3.9	245.0	247.0
Limit (dB)	60.2	59.3	-2.3	-2.5
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	14.6	13.8	27.6	29.0
Freq. (MHz)	3.5	4.3	244.5	249.5
Limit (dB)	57.7	56.0	-5.2	-5.7

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	7,8	1,2
RL (dB)	2.9	2.8	7.6	4.6
Freq. (MHz)	26.4	28.6	191.0	189.5
Limit (dB)	16.9	16.7	9.2	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: 02-12-06

Date / Time: 10/14/2025 04:55:38 PM

Headroom: 5.5 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

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]	216
Delay Skew (ns), Limit 50	[Pair 4,5]	8
Resistance (ohms)	[Pair 3,6]	7.2
Insertion Loss Margin (dB)	[Pair 3,6]	21.7
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-7,8	1,2-3,6	3,6-4,5
NEXT (dB)	5.5	5.6	7.3	6.0
Freq. (MHz)	157.0	168.0	249.5	244.5
Limit (dB)	36.6	36.1	33.1	33.3
Worst Pair	1,2	3,6	3,6	3,6
PS NEXT (dB)	8.1	5.8	8.3	5.8
Freq. (MHz)	157.0	250.0	249.5	250.0
Limit (dB)	33.7	30.2	30.2	30.2

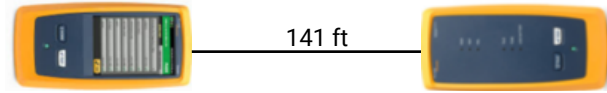
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-F (dB)	10.4	9.7	10.4	9.9
Freq. (MHz)	244.0	240.0	244.0	249.5
Limit (dB)	15.5	15.7	15.5	15.3
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	11.8	11.8	12.6	12.4
Freq. (MHz)	29.1	32.0	244.0	249.5
Limit (dB)	31.0	30.2	12.5	12.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-7,8	1,2-3,6	3,6-4,5
ACR-N (dB)	14.8	14.5	29.0	27.7
Freq. (MHz)	24.9	8.9	249.5	244.5
Limit (dB)	40.0	51.5	-2.8	-2.2
Worst Pair	7,8	3,6	3,6	3,6
PS ACR-N (dB)	15.2	15.4	30.0	27.6
Freq. (MHz)	5.3	2.5	249.5	250.0
Limit (dB)	54.0	58.8	-5.7	-5.8

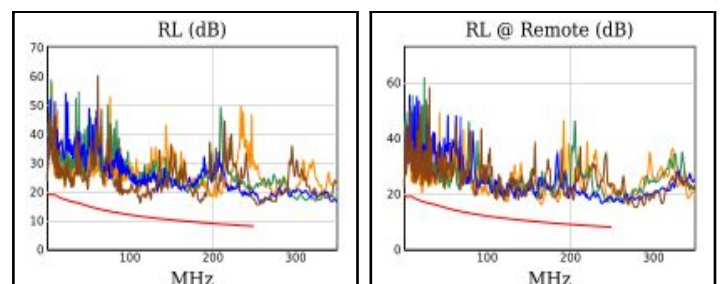
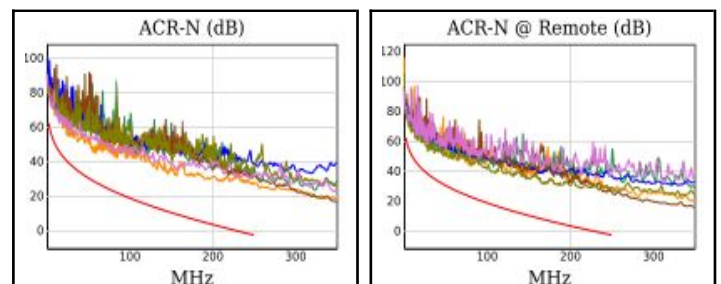
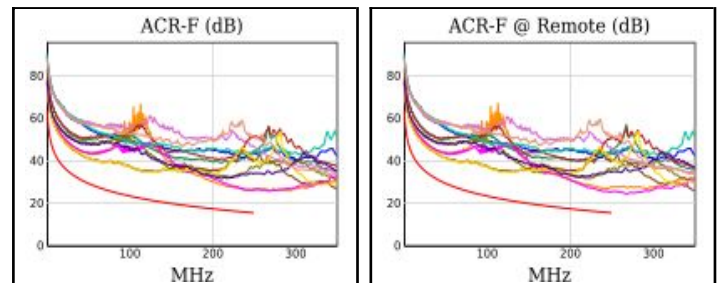
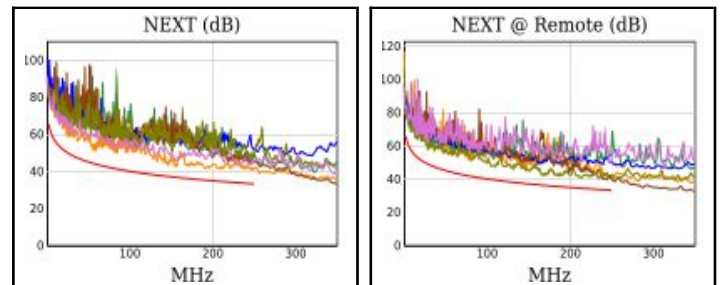
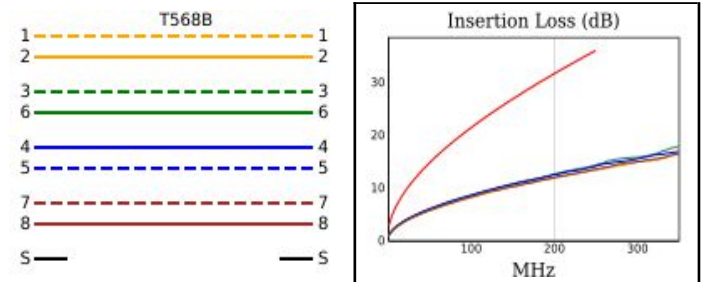
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	1,2	7,8	1,2
RL (dB)	4.0	3.0	4.4	6.3
Freq. (MHz)	22.4	22.4	113.0	166.5
Limit (dB)	17.3	17.3	11.5	9.8

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: 02-12-08

Date / Time: 10/14/2025 05:01:49 PM

Headroom: 5.6 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

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

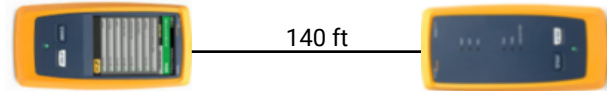
Remote S/N: 1927408

Main Adapter: DSX-CHA804

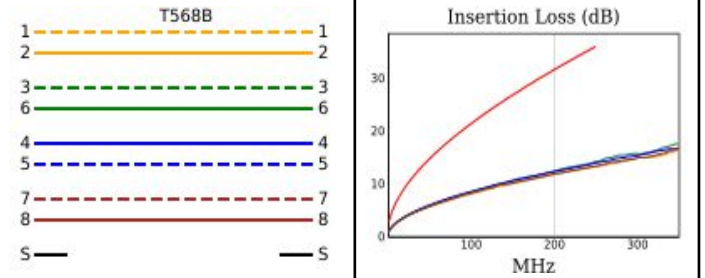
Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 7,8]	140
Prop. Delay (ns), Limit 555	[Pair 4,5]	214
Delay Skew (ns), Limit 50	[Pair 4,5]	8
Resistance (ohms)	[Pair 7,8]	8.4
Insertion Loss Margin (dB)	[Pair 3,6]	21.7
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	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
NEXT (dB)	5.6	7.6	5.6	10.0
Freq. (MHz)	248.0	135.0	248.0	225.5
Limit (dB)	33.2	37.7	33.2	33.9
Worst Pair	3,6	1,2	3,6	1,2
PS NEXT (dB)	6.2	8.6	6.2	10.6
Freq. (MHz)	248.5	135.0	248.5	223.0
Limit (dB)	30.2	34.8	30.2	31.0

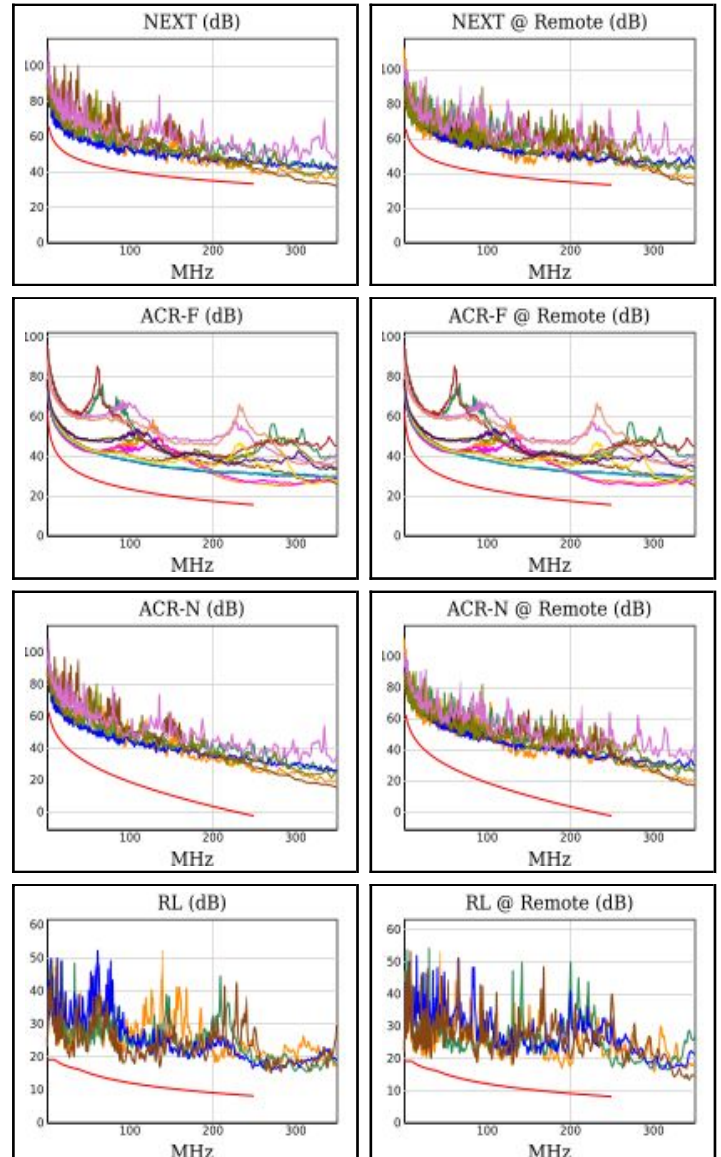
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-F (dB)	10.7	10.3	11.0	10.3
Freq. (MHz)	238.0	248.0	250.0	248.0
Limit (dB)	15.7	15.4	15.3	15.4
Worst Pair	3,6	3,6	1,2	3,6
PS ACR-F (dB)	12.1	12.2	12.9	12.6
Freq. (MHz)	31.3	31.3	248.0	247.5
Limit (dB)	30.4	30.4	12.4	12.4

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	3,6-4,5	1,2-3,6	1,2-3,6
ACR-N (dB)	12.9	14.3	27.3	30.5
Freq. (MHz)	9.0	2.3	248.0	225.5
Limit (dB)	51.3	61.9	-2.6	0.1
Worst Pair	1,2	3,6	3,6	1,2
PS ACR-N (dB)	14.3	14.8	27.9	31.8
Freq. (MHz)	6.4	5.4	248.5	223.0
Limit (dB)	52.2	53.8	-5.6	-2.6

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	4,5	1,2
RL (dB)	2.9	3.2	8.4	7.6
Freq. (MHz)	27.9	14.8	249.0	190.5
Limit (dB)	16.8	18.2	8.0	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: 02-12-09

Test Summary: PASS

Date / Time: 10/14/2025 05:49:29 PM

Headroom: 4.3 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

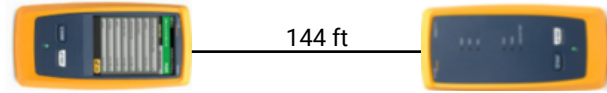
Main S/N: 1927404

Remote S/N: 1927408

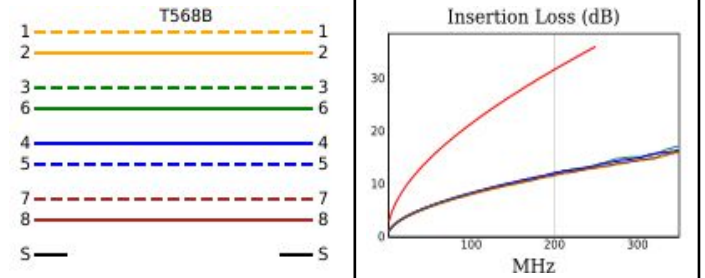
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 7,8]	144
Prop. Delay (ns), Limit 555	[Pair 4,5]	223
Delay Skew (ns), Limit 50	[Pair 4,5]	11
Resistance (ohms)	[Pair 7,8]	11.5
Insertion Loss Margin (dB)	[Pair 3,6]	22.5
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9



PASS



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
NEXT (dB)	4.3	6.9	4.3	6.9
Freq. (MHz)	240.0	243.0	240.0	243.0
Limit (dB)	33.4	33.3	33.4	33.3
Worst Pair	1,2	3,6	1,2	3,6
PS NEXT (dB)	6.1	7.5	6.3	7.5
Freq. (MHz)	240.0	242.5	250.0	242.5
Limit (dB)	30.5	30.4	30.2	30.4

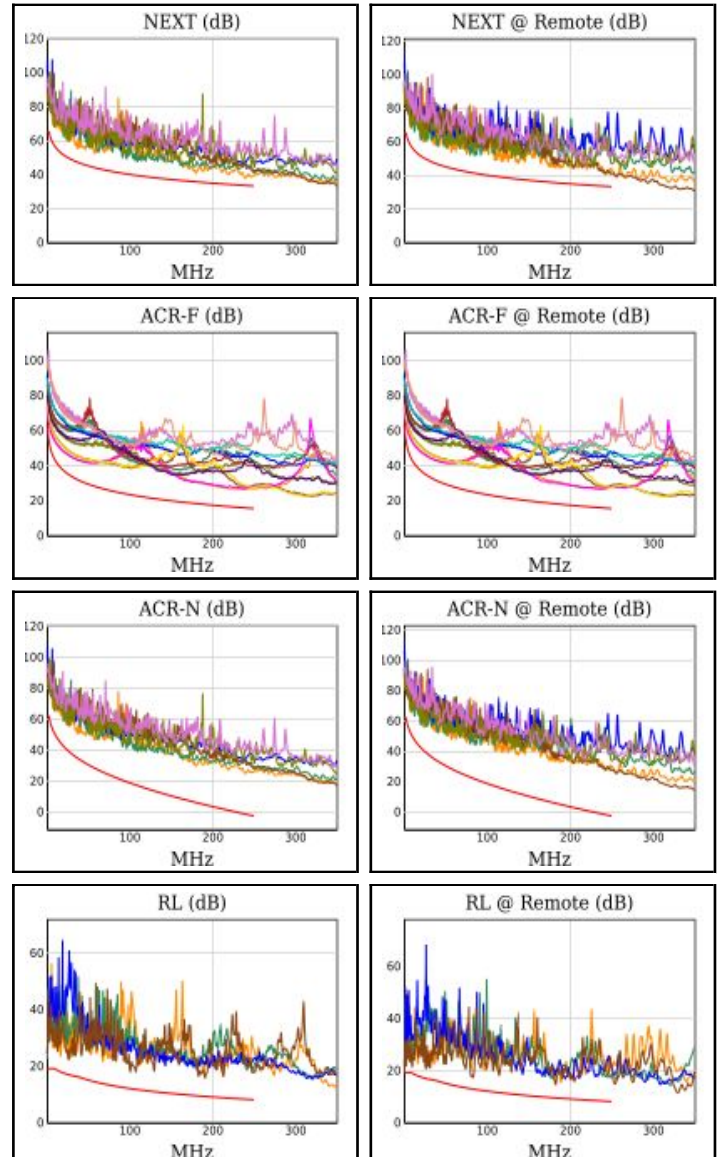
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-F (dB)	10.0	9.9	10.6	10.8
Freq. (MHz)	1.9	1.8	240.0	238.0
Limit (dB)	57.8	58.4	15.7	15.7
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	10.9	10.8	11.6	11.3
Freq. (MHz)	1.0	1.0	250.0	238.0
Limit (dB)	60.3	60.3	12.3	12.7

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-7,8	1,2-3,6	1,2-3,6
ACR-N (dB)	14.2	14.1	26.3	29.1
Freq. (MHz)	7.8	8.8	240.0	243.0
Limit (dB)	52.8	51.6	-1.7	-2.0
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	15.6	14.5	28.9	30.6
Freq. (MHz)	24.9	8.3	250.0	250.0
Limit (dB)	37.3	49.6	-5.8	-5.8

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	7,8	7,8
RL (dB)	5.3	3.7	6.4	5.0
Freq. (MHz)	26.9	27.0	191.0	183.0
Limit (dB)	16.9	16.8	9.2	9.4

Compliant Network Standards:

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





Cable ID: 02-12-10

Date / Time: 10/14/2025 04:54:36 PM

Headroom: 2.5 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

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

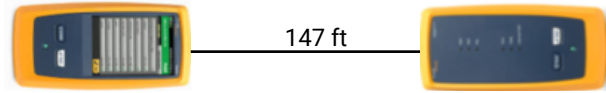
Remote S/N: 1927408

Main Adapter: DSX-CHA804

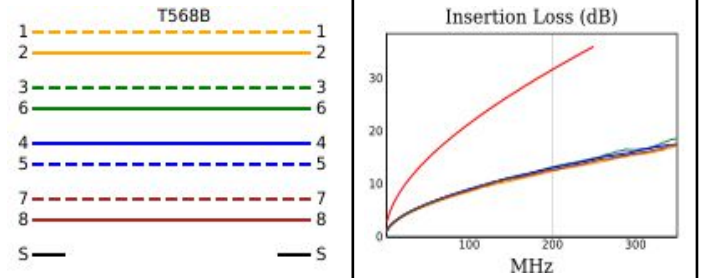
Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 7,8]	147
Prop. Delay (ns), Limit 555	[Pair 4,5]	225
Delay Skew (ns), Limit 50	[Pair 4,5]	8
Resistance (ohms)	[Pair 7,8]	12.5
Insertion Loss Margin (dB)	[Pair 3,6]	21.1
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9



PASS



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
NEXT (dB)	2.5	2.9	3.3	3.0
Freq. (MHz)	193.5	245.5	245.5	250.0
Limit (dB)	35.0	33.3	33.3	33.1
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	4.4	3.6	4.8	3.6
Freq. (MHz)	193.5	250.0	245.5	250.0
Limit (dB)	32.1	30.2	30.3	30.2

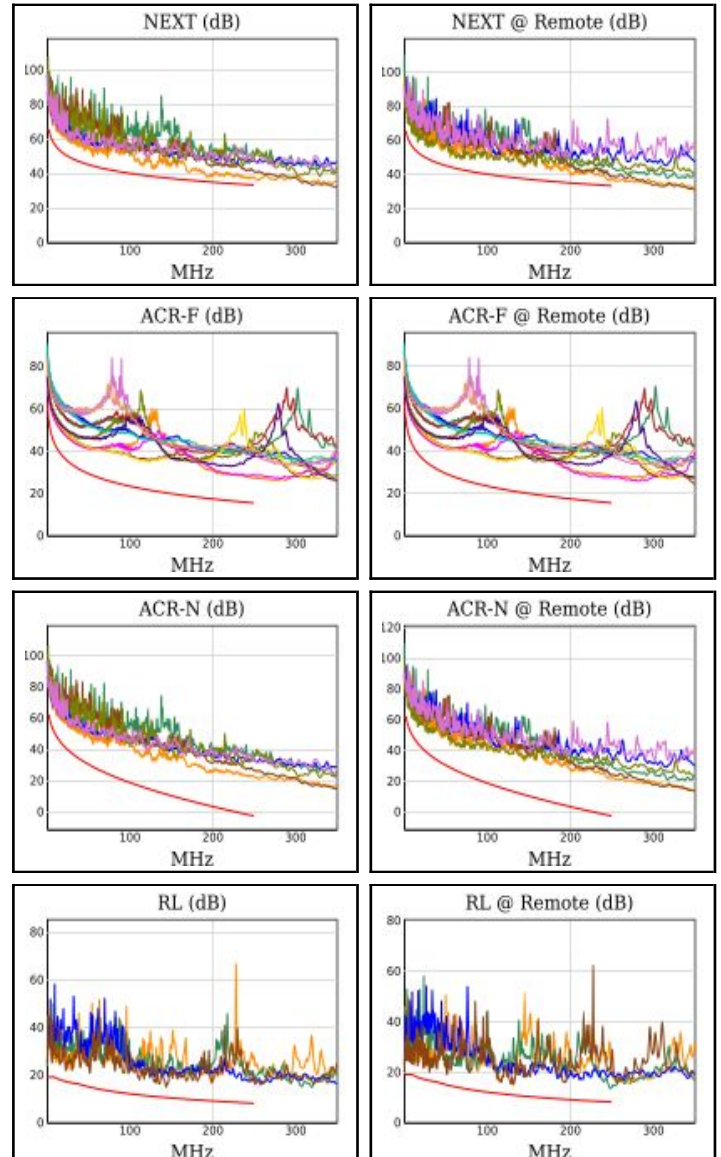
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-1,2	1,2-3,6	1,2-3,6	1,2-3,6
ACR-F (dB)	10.9	10.8	11.7	11.5
Freq. (MHz)	27.1	34.5	249.5	240.0
Limit (dB)	34.6	32.5	15.3	15.7
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	10.3	10.4	14.2	14.0
Freq. (MHz)	1.0	32.0	249.5	240.0
Limit (dB)	60.3	30.2	12.3	12.7

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-7,8	1,2-3,6	1,2-3,6
ACR-N (dB)	12.0	10.6	24.3	24.1
Freq. (MHz)	7.3	5.1	245.5	250.0
Limit (dB)	53.5	56.8	-2.3	-2.8
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	13.9	11.9	25.8	24.8
Freq. (MHz)	7.3	5.0	245.5	250.0
Limit (dB)	50.9	54.5	-5.3	-5.8

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	7,8	3,6
RL (dB)	4.3	3.4	4.3	5.4
Freq. (MHz)	144.5	31.3	144.5	249.5
Limit (dB)	10.4	16.5	10.4	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		





Cable ID: 02-12-11

Test Summary: PASS

Date / Time: 08/08/2025 03:17:10 PM

Headroom: 5.3 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

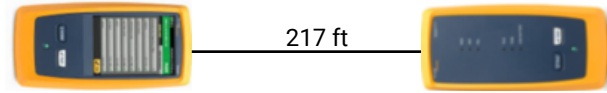
Main S/N: 1927404

Remote S/N: 1927408

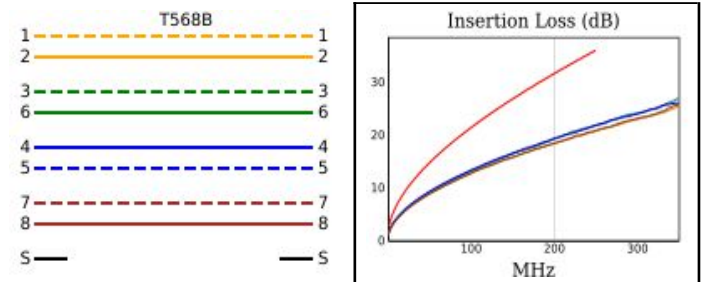
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 7,8]	217
Prop. Delay (ns), Limit 555	[Pair 4,5]	332
Delay Skew (ns), Limit 50	[Pair 4,5]	12
Resistance (ohms)	[Pair 3,6]	10.6
Insertion Loss Margin (dB)	[Pair 3,6]	14.1
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9



PASS



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-3,6	1,2-4,5	3,6-4,5
NEXT (dB)	7.3	5.3	8.3	6.1
Freq. (MHz)	197.0	165.5	247.5	250.0
Limit (dB)	34.9	36.2	33.2	33.1
Worst Pair	4,5	3,6	4,5	3,6
PS NEXT (dB)	8.2	6.5	8.2	6.5
Freq. (MHz)	248.5	250.0	248.5	250.0
Limit (dB)	30.2	30.2	30.2	30.2

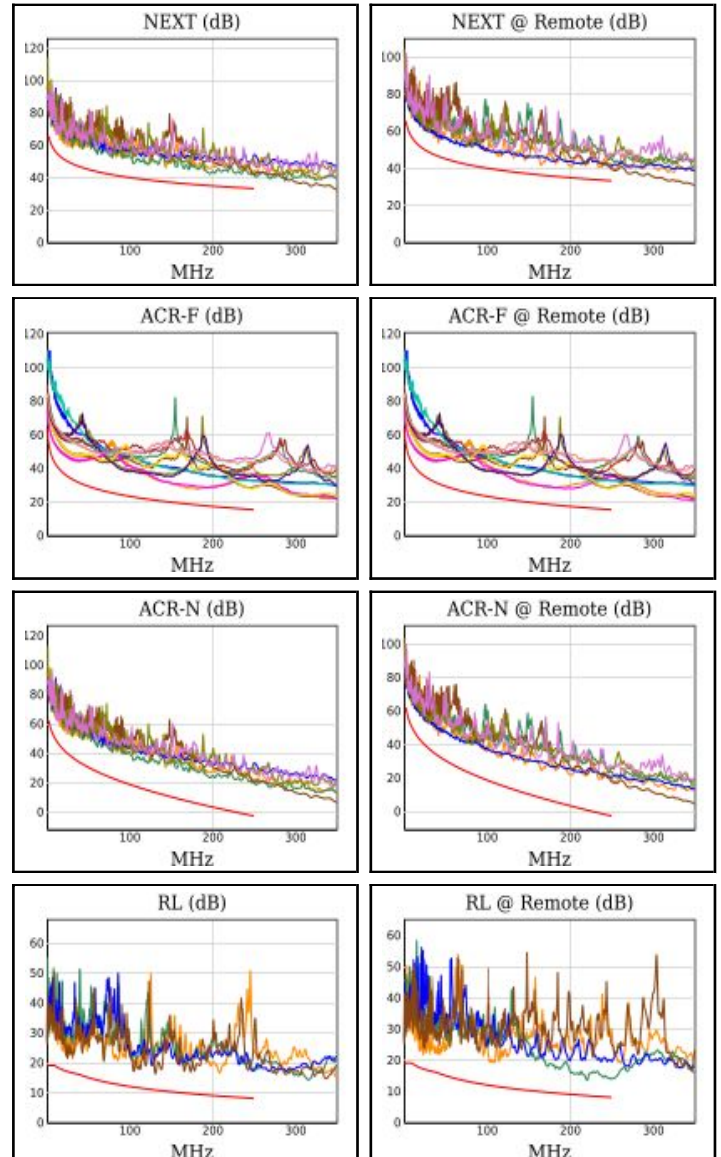
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-1,2	1,2-3,6	1,2-3,6
ACR-F (dB)	9.5	10.1	9.6	10.3
Freq. (MHz)	171.5	171.5	183.0	195.0
Limit (dB)	18.6	18.6	18.0	17.5
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	12.2	12.2	14.5	14.0
Freq. (MHz)	171.5	21.6	248.5	241.0
Limit (dB)	15.6	33.6	12.4	12.6

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-4,5	3,6-4,5
ACR-N (dB)	12.7	12.0	22.4	20.2
Freq. (MHz)	24.9	42.0	247.5	250.0
Limit (dB)	40.0	33.0	-2.5	-2.8
Worst Pair	3,6	1,2	4,5	3,6
PS ACR-N (dB)	14.0	12.7	22.5	20.7
Freq. (MHz)	16.5	20.4	250.0	250.0
Limit (dB)	42.2	39.7	-5.8	-5.8

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	7,8	3,6
RL (dB)	4.4	4.5	5.3	4.8
Freq. (MHz)	25.6	23.8	131.5	220.5
Limit (dB)	17.0	17.1	10.8	8.6

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: 02-12-12

Date / Time: 08/08/2025 02:59:24 PM

Headroom: 3.4 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

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 1,2]	168
Prop. Delay (ns), Limit 555	[Pair 3,6]	261
Delay Skew (ns), Limit 50	[Pair 3,6]	14
Resistance (ohms)	[Pair 3,6]	8.6
Insertion Loss Margin (dB)	[Pair 3,6]	18.1
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	3,6-4,5
NEXT (dB)	3.4	5.7	4.6	6.5
Freq. (MHz)	190.0	196.5	249.5	249.5
Limit (dB)	35.2	34.9	33.1	33.1
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	5.5	6.5	5.5	6.5
Freq. (MHz)	250.0	249.5	250.0	249.5
Limit (dB)	30.2	30.2	30.2	30.2

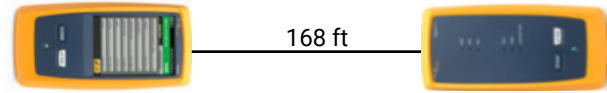
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-F (dB)	9.3	10.0	9.9	10.7
Freq. (MHz)	160.5	1.8	230.5	234.5
Limit (dB)	19.1	58.4	16.0	15.9
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	11.0	11.0	12.7	12.9
Freq. (MHz)	1.3	1.0	249.0	234.0
Limit (dB)	58.3	60.3	12.3	12.9

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	1,2-3,6	1,2-3,6
ACR-N (dB)	10.6	8.2	22.7	25.1
Freq. (MHz)	3.4	3.8	249.5	249.5
Limit (dB)	60.5	59.6	-2.8	-2.8
Worst Pair	3,6	4,5	3,6	3,6
PS ACR-N (dB)	11.3	9.8	23.7	24.6
Freq. (MHz)	27.4	3.8	250.0	249.5
Limit (dB)	36.1	57.1	-5.8	-5.7

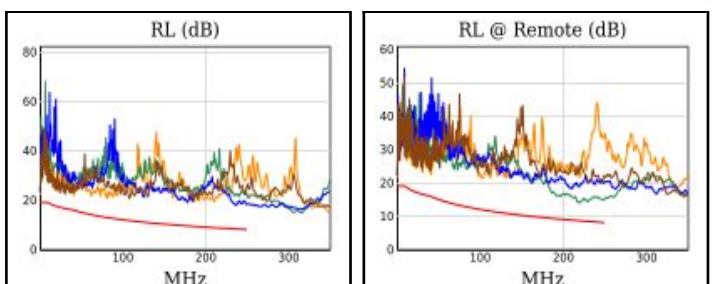
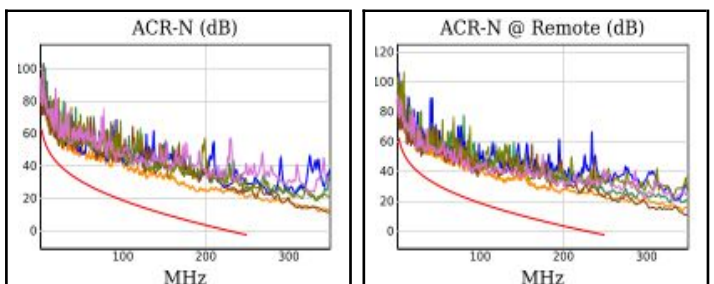
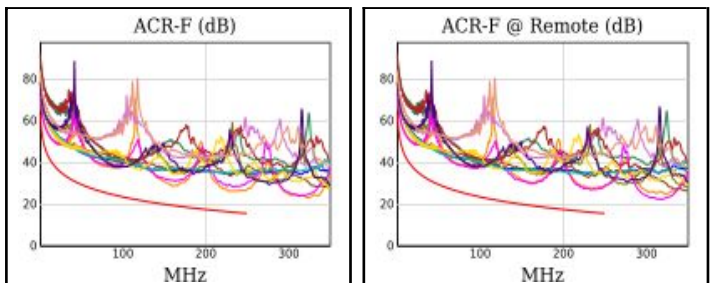
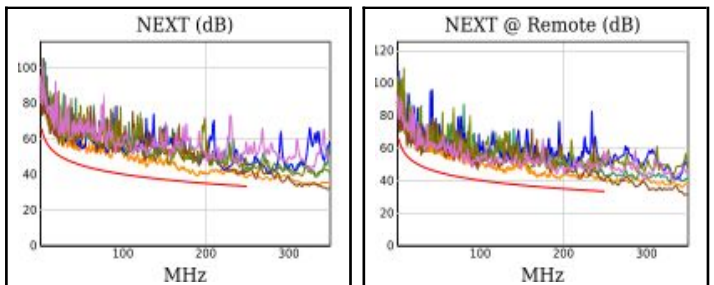
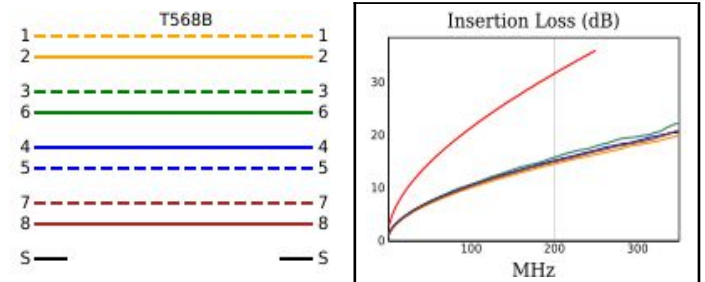
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	3,6	4,5	3,6
RL (dB)	5.8	5.3	9.5	5.3
Freq. (MHz)	30.9	220.0	236.5	220.0
Limit (dB)	16.6	8.6	8.3	8.6

Compliant Network Standards:

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



PASS





Cable ID: 02-12-13

Date / Time: 08/08/2025 03:18:05 PM

Headroom: 6.1 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

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

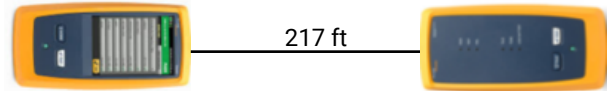
Remote S/N: 1927408

Main Adapter: DSX-CHA804

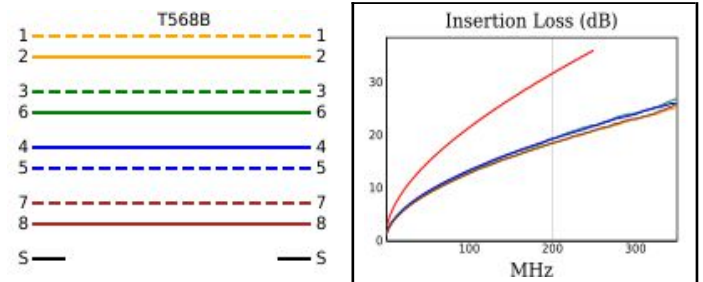
Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 7,8]	217
Prop. Delay (ns), Limit 555	[Pair 4,5]	331
Delay Skew (ns), Limit 50	[Pair 4,5]	12
Resistance (ohms)	[Pair 3,6]	10.6
Insertion Loss Margin (dB)	[Pair 3,6]	14.1
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9



PASS



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
NEXT (dB)	6.1	6.4	6.3	7.0
Freq. (MHz)	185.0	125.0	247.0	243.0
Limit (dB)	35.4	38.3	33.2	33.3
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	7.4	6.7	7.4	6.7
Freq. (MHz)	247.5	247.5	247.5	247.5
Limit (dB)	30.2	30.2	30.2	30.2

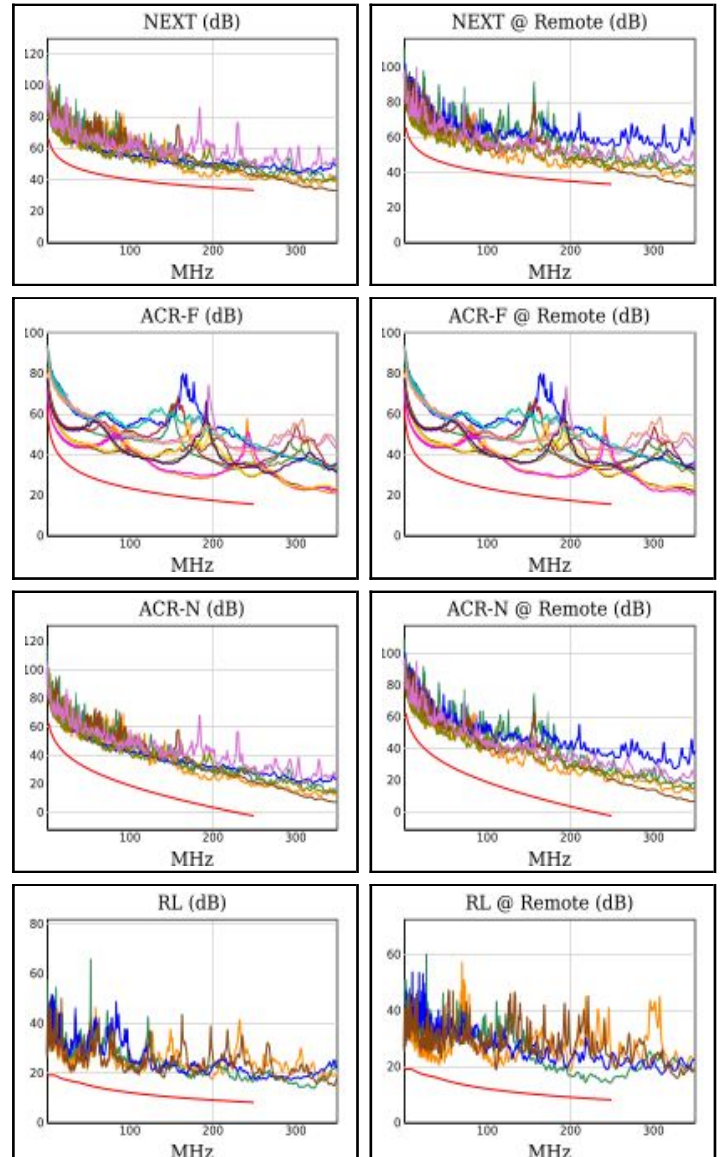
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	3,6-1,2
ACR-F (dB)	9.8	9.7	10.0	10.6
Freq. (MHz)	18.4	18.4	185.5	185.5
Limit (dB)	38.0	38.0	17.9	17.9
Worst Pair	3,6	3,6	4,5	4,5
PS ACR-F (dB)	10.4	10.5	15.1	15.2
Freq. (MHz)	1.4	18.4	245.5	248.5
Limit (dB)	57.5	35.0	12.5	12.4

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-4,5	1,2-3,6	1,2-3,6
ACR-N (dB)	14.1	11.8	20.3	20.8
Freq. (MHz)	8.1	2.9	247.0	243.0
Limit (dB)	52.3	61.6	-2.5	-2.0
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	14.0	12.2	21.5	20.7
Freq. (MHz)	8.1	9.6	248.0	247.5
Limit (dB)	49.8	48.1	-5.6	-5.5

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	1,2	3,6	3,6
RL (dB)	3.5	4.6	8.1	5.8
Freq. (MHz)	28.5	42.5	248.0	248.0
Limit (dB)	16.7	15.7	8.1	8.1

Compliant Network Standards:

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





Cable ID: 02-12-14

Date / Time: 08/08/2025 03:17:30 PM

Headroom: 5.3 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

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]	217
Prop. Delay (ns), Limit 555	[Pair 4,5]	332
Delay Skew (ns), Limit 50	[Pair 4,5]	12
Resistance (ohms)	[Pair 3,6]	10.6
Insertion Loss Margin (dB)	[Pair 3,6]	14.1
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-3,6	1,2-4,5	3,6-4,5
NEXT (dB)	7.3	5.3	8.3	6.1
Freq. (MHz)	197.0	165.5	247.5	250.0
Limit (dB)	34.9	36.2	33.2	33.1
Worst Pair	4,5	3,6	4,5	3,6
PS NEXT (dB)	8.2	6.5	8.2	6.5
Freq. (MHz)	248.5	250.0	248.5	250.0
Limit (dB)	30.2	30.2	30.2	30.2

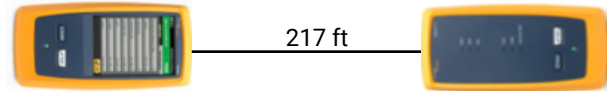
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-1,2	1,2-3,6	1,2-3,6
ACR-F (dB)	9.5	10.1	9.6	10.3
Freq. (MHz)	171.5	171.5	183.0	195.0
Limit (dB)	18.6	18.6	18.0	17.5
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	12.2	12.2	14.7	14.0
Freq. (MHz)	171.5	21.6	250.0	241.0
Limit (dB)	15.6	33.6	12.3	12.6

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-4,5	3,6-4,5
ACR-N (dB)	12.7	12.0	22.4	20.2
Freq. (MHz)	24.9	42.0	247.5	250.0
Limit (dB)	40.0	33.0	-2.5	-2.8
Worst Pair	3,6	1,2	4,5	3,6
PS ACR-N (dB)	13.9	12.7	22.3	20.7
Freq. (MHz)	16.4	20.3	248.5	250.0
Limit (dB)	42.3	39.8	-5.6	-5.8

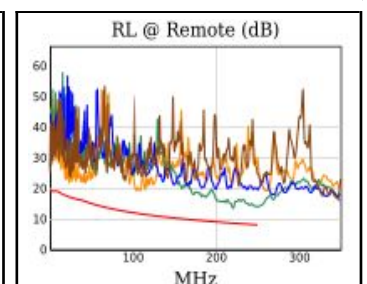
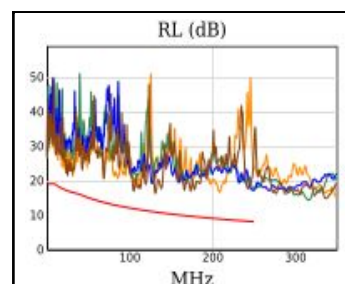
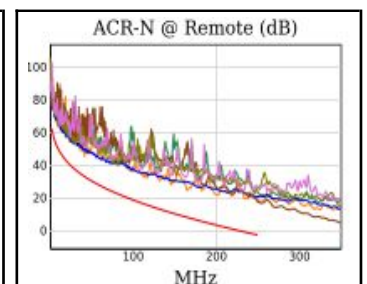
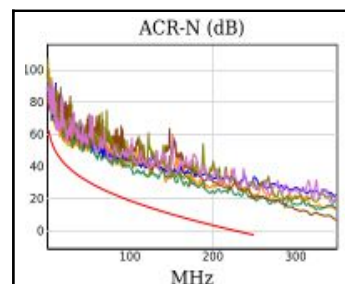
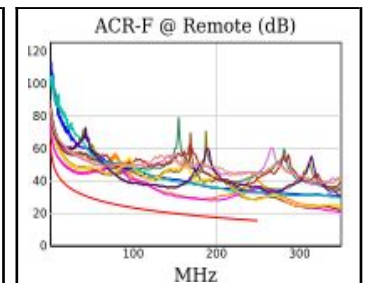
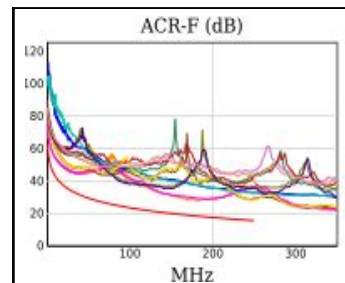
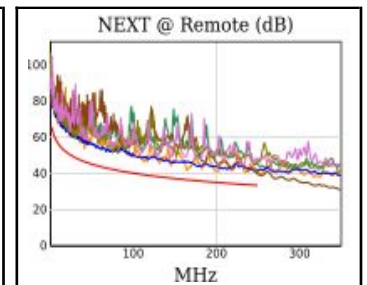
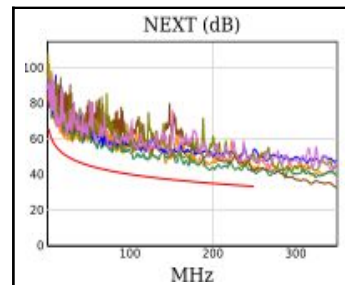
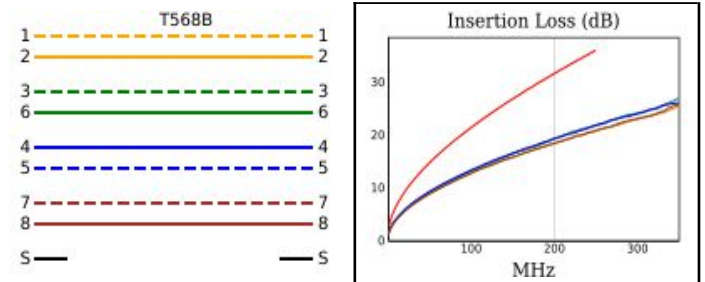
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	7,8	3,6
RL (dB)	4.4	4.6	5.3	4.8
Freq. (MHz)	25.6	23.8	131.5	220.5
Limit (dB)	17.0	17.1	10.8	8.6

Compliant Network Standards:

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



PASS





Cable ID: 02-12-15

Date / Time: 08/08/2025 03:27:26 PM

Headroom: 5.4 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

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

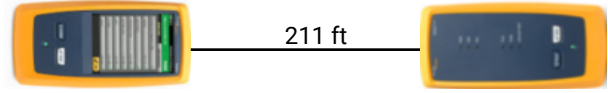
Remote S/N: 1927408

Main Adapter: DSX-CHA804

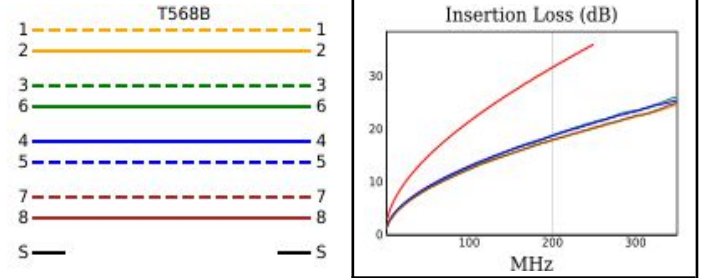
Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 7,8]	211
Prop. Delay (ns), Limit 555	[Pair 4,5]	322
Delay Skew (ns), Limit 50	[Pair 4,5]	11
Resistance (ohms)	[Pair 3,6]	10.3
Insertion Loss Margin (dB)	[Pair 3,6]	14.7
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	1,2-3,6	1,2-3,6	1,2-3,6	1,2-7,8
NEXT (dB)	5.4	6.7	5.9	8.3
Freq. (MHz)	192.5	195.5	244.5	250.0
Limit (dB)	35.1	35.0	33.3	33.1
Worst Pair	3,6	1,2	3,6	1,2
PS NEXT (dB)	6.9	7.1	7.0	8.3
Freq. (MHz)	244.0	192.5	250.0	250.0
Limit (dB)	30.3	32.1	30.2	30.2

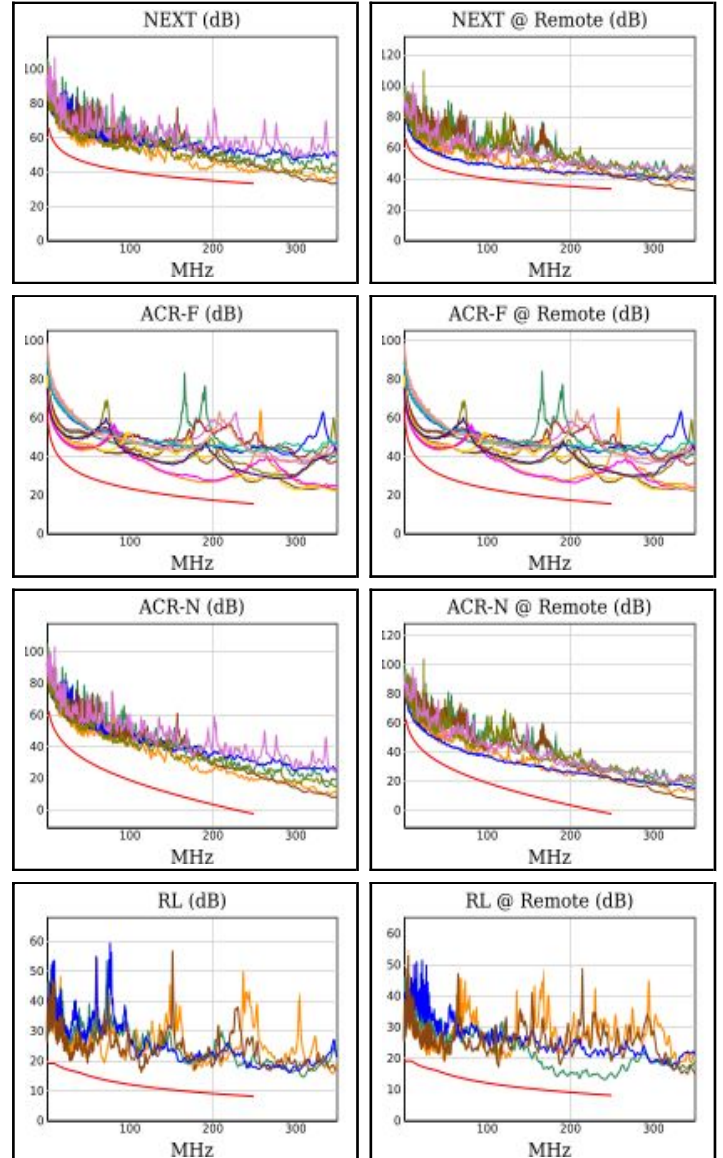
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-1,2	1,2-3,6	1,2-3,6
ACR-F (dB)	8.4	9.0	8.5	9.3
Freq. (MHz)	184.0	184.0	185.0	207.0
Limit (dB)	18.0	18.0	17.9	16.9
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	10.7	10.5	12.8	12.5
Freq. (MHz)	22.4	1.0	234.0	246.0
Limit (dB)	33.3	60.3	12.9	12.4

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-7,8	1,2-3,6	3,6-4,5
ACR-N (dB)	13.5	12.7	20.9	23.7
Freq. (MHz)	41.5	11.8	249.5	250.0
Limit (dB)	33.1	48.6	-2.8	-2.8
Worst Pair	3,6	1,2	3,6	3,6
PS ACR-N (dB)	13.3	12.4	21.8	23.4
Freq. (MHz)	3.8	16.5	250.0	250.0
Limit (dB)	57.1	42.2	-5.8	-5.8

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	7,8	3,6
RL (dB)	3.2	3.6	4.3	4.9
Freq. (MHz)	28.0	49.0	114.5	242.0
Limit (dB)	16.8	15.1	11.4	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: 02-12-16

Date / Time: 08/08/2025 03:39:50 PM

Headroom: 3.5 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

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]	219
Prop. Delay (ns), Limit 555	[Pair 4,5]	336
Delay Skew (ns), Limit 50	[Pair 4,5]	13
Resistance (ohms)	[Pair 3,6]	10.6
Insertion Loss Margin (dB)	[Pair 4,5]	14.0
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	4,5-7,8	1,2-3,6	4,5-7,8
NEXT (dB)	3.5	6.0	4.6	6.0
Freq. (MHz)	194.0	240.5	250.0	240.5
Limit (dB)	35.0	33.4	33.1	33.4
Worst Pair	3,6	4,5	3,6	4,5
PS NEXT (dB)	5.4	5.8	5.4	5.8
Freq. (MHz)	250.0	238.5	250.0	238.5
Limit (dB)	30.2	30.5	30.2	30.5

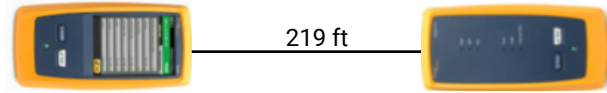
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-F (dB)	8.5	8.3	8.7	8.4
Freq. (MHz)	166.0	175.0	169.5	176.5
Limit (dB)	18.9	18.4	18.7	18.3
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	10.9	10.8	11.2	11.0
Freq. (MHz)	1.4	1.0	170.5	176.5
Limit (dB)	57.5	60.3	15.6	15.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-7,8	1,2-3,6	3,6-4,5
ACR-N (dB)	11.9	11.0	18.9	20.2
Freq. (MHz)	6.4	22.4	250.0	240.5
Limit (dB)	54.7	41.3	-2.8	-1.7
Worst Pair	3,6	3,6	3,6	4,5
PS ACR-N (dB)	12.3	11.5	19.8	19.6
Freq. (MHz)	6.4	6.5	250.0	240.5
Limit (dB)	52.2	52.0	-5.8	-4.7

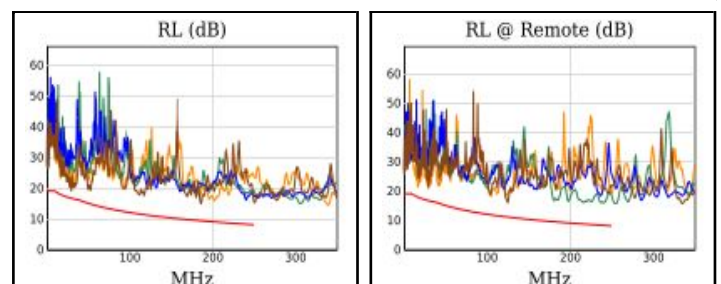
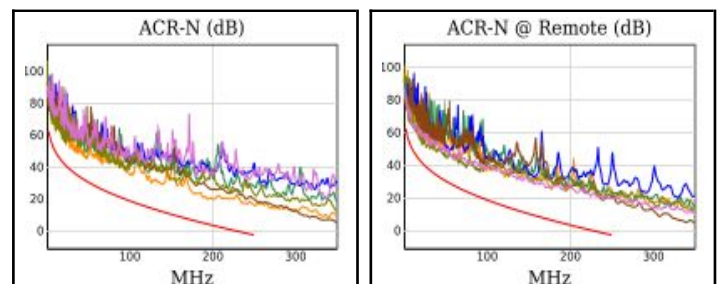
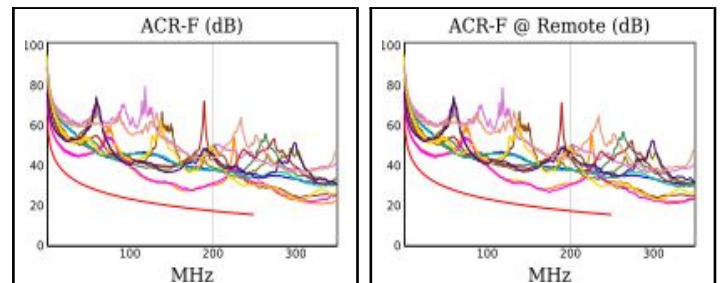
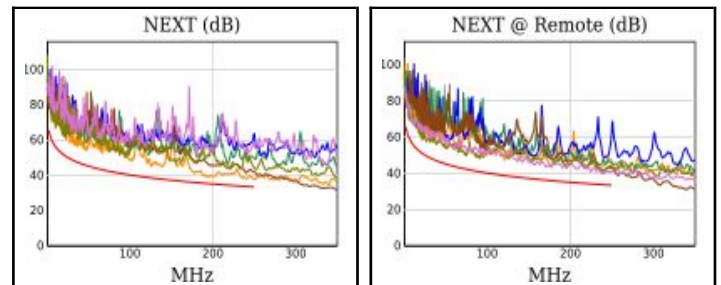
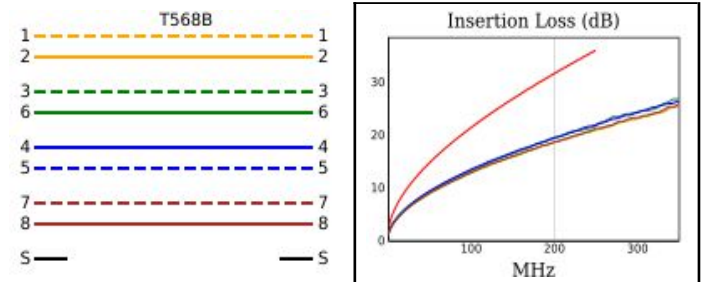
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	7,8	7,8
RL (dB)	2.4	3.3	5.5	4.7
Freq. (MHz)	29.9	17.3	186.5	125.5
Limit (dB)	16.6	17.8	9.3	11.0

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: 02-12-17

Date / Time: 08/08/2025 03:35:55 PM

Headroom: 6.1 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

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]	218
Prop. Delay (ns), Limit 555	[Pair 4,5]	333
Delay Skew (ns), Limit 50	[Pair 4,5]	12
Resistance (ohms)	[Pair 3,6]	10.5
Insertion Loss Margin (dB)	[Pair 4,5]	14.1
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	1,2-3,6	3,6-7,8	1,2-3,6	3,6-7,8
NEXT (dB)	6.1	6.4	6.2	7.1
Freq. (MHz)	211.5	175.5	212.0	241.0
Limit (dB)	34.4	35.8	34.3	33.4
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	7.1	6.3	7.9	7.2
Freq. (MHz)	207.0	212.5	241.5	241.0
Limit (dB)	31.6	31.4	30.4	30.4

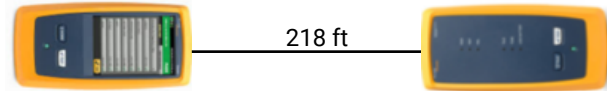
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	3,6-4,5
ACR-F (dB)	10.2	10.5	10.4	13.3
Freq. (MHz)	171.5	21.6	177.5	244.5
Limit (dB)	18.6	36.6	18.3	15.5
Worst Pair	3,6	3,6	3,6	4,5
PS ACR-F (dB)	10.7	10.7	14.1	15.5
Freq. (MHz)	21.8	1.0	247.0	244.5
Limit (dB)	33.5	60.3	12.4	12.5

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-7,8	3,6-4,5	3,6-4,5
ACR-N (dB)	12.3	12.1	21.3	22.0
Freq. (MHz)	11.3	15.5	245.0	249.0
Limit (dB)	49.0	45.5	-2.3	-2.7
Worst Pair	3,6	3,6	4,5	3,6
PS ACR-N (dB)	12.6	12.1	21.9	21.9
Freq. (MHz)	3.5	15.5	244.5	250.0
Limit (dB)	57.7	42.9	-5.2	-5.8

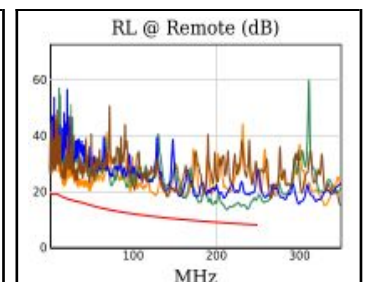
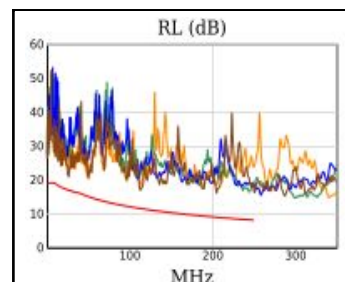
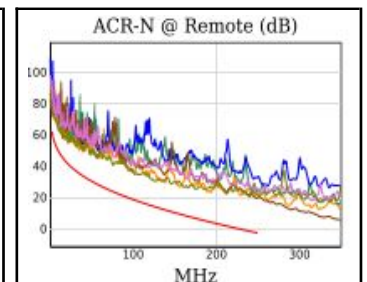
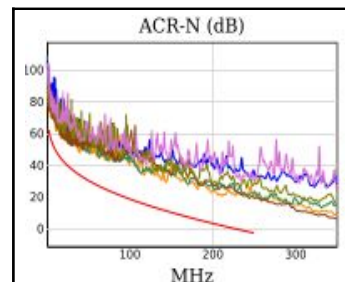
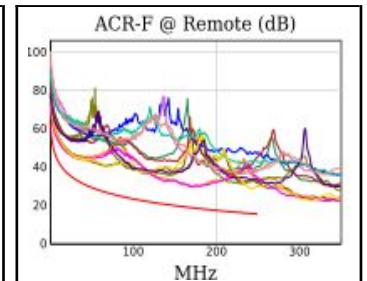
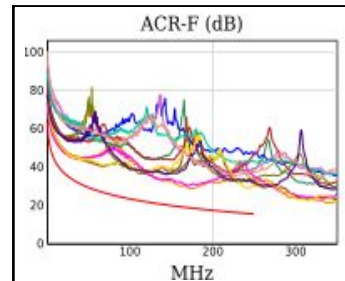
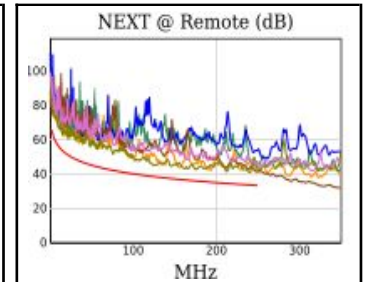
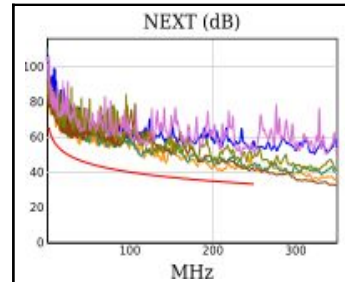
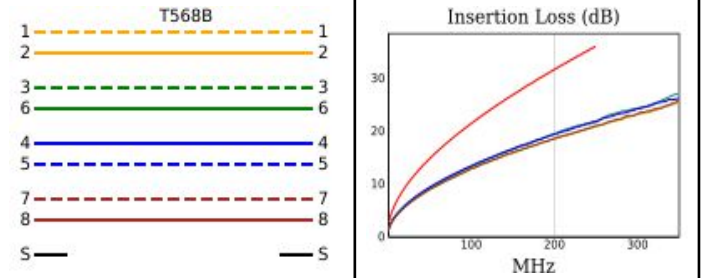
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	7,8	3,6
RL (dB)	3.9	4.1	7.0	4.8
Freq. (MHz)	26.9	17.4	205.0	213.0
Limit (dB)	16.9	17.8	8.9	8.7

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: 02-12-18

Date / Time: 08/08/2025 03:33:11 PM

Headroom: 5.3 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

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]	229
Prop. Delay (ns), Limit 555	[Pair 4,5]	350
Delay Skew (ns), Limit 50	[Pair 4,5]	12
Resistance (ohms)	[Pair 3,6]	11.2
Insertion Loss Margin (dB)	[Pair 3,6]	13.0
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	3,6-4,5	1,2-4,5
NEXT (dB)	5.3	7.5	6.7	8.2
Freq. (MHz)	190.0	22.5	244.5	247.0
Limit (dB)	35.2	50.8	33.3	33.2
Worst Pair	3,6	1,2	3,6	1,2
PS NEXT (dB)	7.2	8.6	7.8	8.7
Freq. (MHz)	190.0	246.5	237.0	247.0
Limit (dB)	32.2	30.3	30.6	30.2

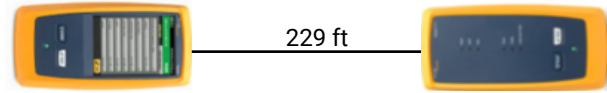
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-F (dB)	9.5	10.2	9.5	10.4
Freq. (MHz)	160.5	167.0	160.5	173.5
Limit (dB)	19.1	18.8	19.1	18.5
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	11.4	11.5	14.7	14.7
Freq. (MHz)	22.1	19.0	241.5	250.0
Limit (dB)	33.4	34.7	12.6	12.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	3,6-4,5	1,2-4,5
ACR-N (dB)	12.5	10.9	19.6	21.2
Freq. (MHz)	23.0	22.5	244.5	247.0
Limit (dB)	40.9	41.2	-2.2	-2.5
Worst Pair	3,6	1,2	3,6	4,5
PS ACR-N (dB)	13.8	12.9	21.0	21.9
Freq. (MHz)	19.6	22.5	244.0	247.0
Limit (dB)	40.2	38.5	-5.1	-5.4

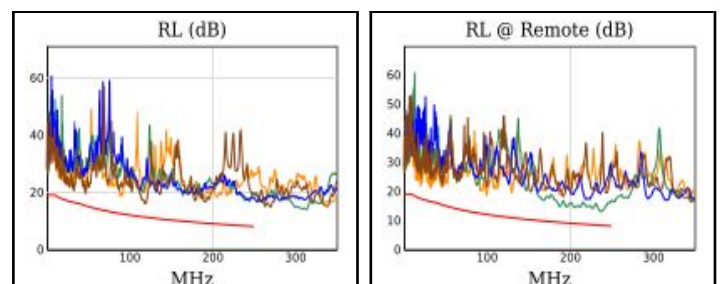
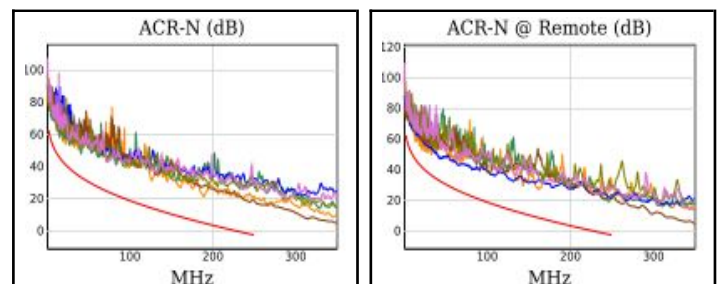
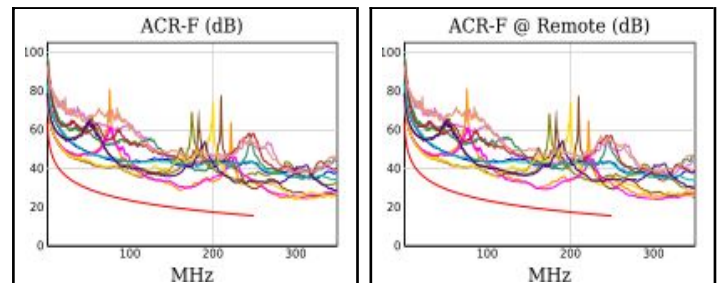
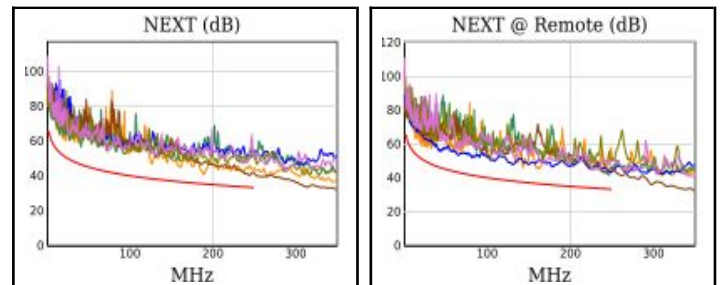
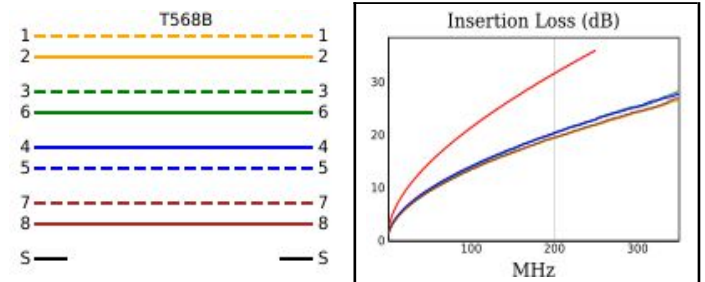
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	7,8	3,6
RL (dB)	3.9	4.4	4.7	4.7
Freq. (MHz)	47.0	21.0	119.0	237.0
Limit (dB)	15.3	17.4	11.2	8.3

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: 02-12-19

Test Summary: PASS

Date / Time: 10/14/2025 04:36:23 PM

Headroom: 4.3 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

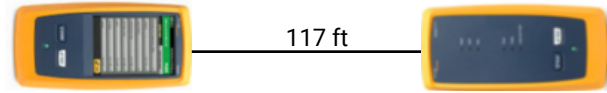
Main S/N: 1927404

Remote S/N: 1927408

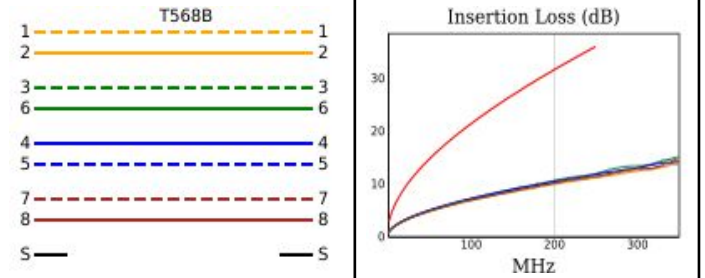
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 7,8]	117
Prop. Delay (ns), Limit 555	[Pair 4,5]	179
Delay Skew (ns), Limit 50	[Pair 4,5]	7
Resistance (ohms)	[Pair 7,8]	7.0
Insertion Loss Margin (dB)	[Pair 3,6]	24.1
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9



PASS



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-4,5	1,2-3,6	3,6-4,5
NEXT (dB)	4.3	5.1	4.3	6.3
Freq. (MHz)	249.0	74.3	249.0	244.5
Limit (dB)	33.1	42.1	33.1	33.3
Worst Pair	3,6	1,2	3,6	3,6
PS NEXT (dB)	4.6	6.3	4.6	7.3
Freq. (MHz)	249.0	73.8	249.0	244.0
Limit (dB)	30.2	39.4	30.2	30.3

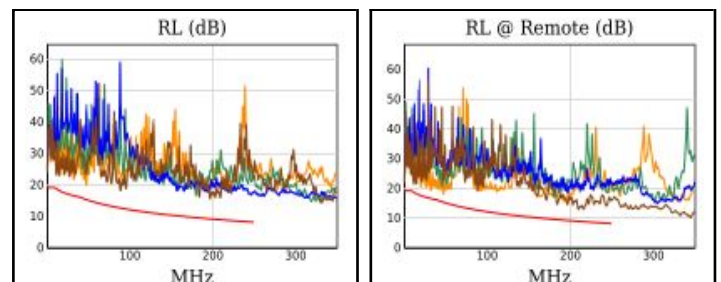
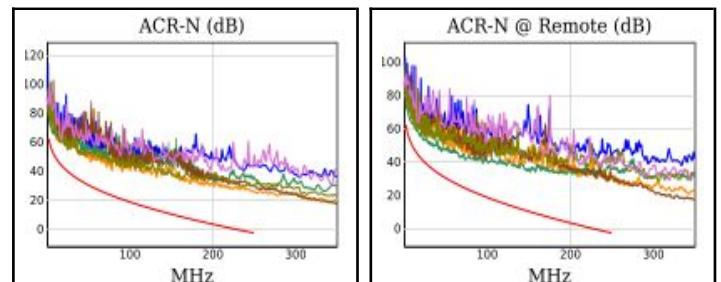
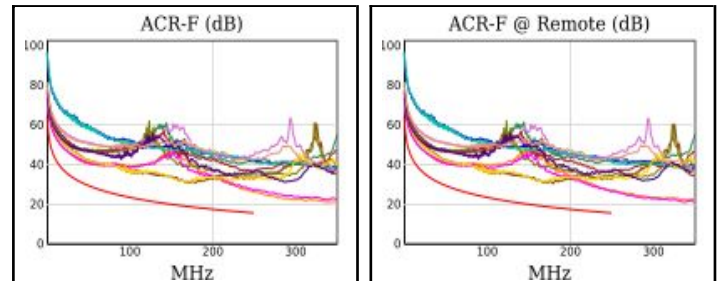
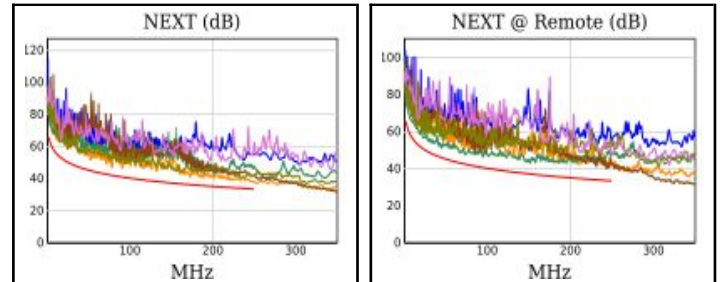
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-1,2	1,2-3,6	1,2-3,6
ACR-F (dB)	10.4	10.5	10.6	10.8
Freq. (MHz)	45.8	45.5	250.0	249.5
Limit (dB)	30.0	30.1	15.3	15.3
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	10.5	10.5	12.4	12.4
Freq. (MHz)	1.0	1.0	249.5	249.5
Limit (dB)	60.3	60.3	12.3	12.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-4,5	1,2-3,6	3,6-4,5
ACR-N (dB)	12.7	12.1	28.3	30.2
Freq. (MHz)	6.6	7.9	249.0	244.5
Limit (dB)	54.3	52.7	-2.7	-2.2
Worst Pair	3,6	1,2	3,6	3,6
PS ACR-N (dB)	13.1	13.7	28.7	31.1
Freq. (MHz)	12.8	7.0	249.0	244.0
Limit (dB)	45.1	51.3	-5.7	-5.1

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	1,2	7,8	7,8
RL (dB)	4.5	2.6	6.3	4.1
Freq. (MHz)	48.0	48.0	197.5	216.5
Limit (dB)	15.2	15.2	9.0	8.6

Compliant Network Standards:

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





Cable ID: AP 2 02-13-2

Test Summary: PASS

Date / Time: 08/08/2025 04:21:01 PM

Headroom: 3.9 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

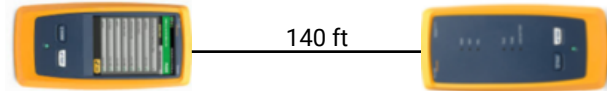
Main S/N: 1927404

Remote S/N: 1927408

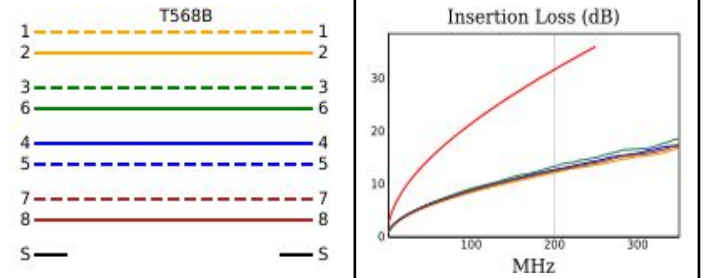
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 1,2]	140
Prop. Delay (ns), Limit 555	[Pair 3,6]	218
Delay Skew (ns), Limit 50	[Pair 3,6]	11
Resistance (ohms)	[Pair 7,8]	7.3
Insertion Loss Margin (dB)	[Pair 3,6]	21.0
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	1,2-3,6	3,6-4,5	3,6-4,5	3,6-4,5
NEXT (dB)	4.8	3.9	4.8	3.9
Freq. (MHz)	232.5	235.5	236.5	235.5
Limit (dB)	33.7	33.6	33.5	33.6
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	4.9	5.5	4.9	5.6
Freq. (MHz)	234.0	224.5	234.0	235.5
Limit (dB)	30.7	31.0	30.7	30.6

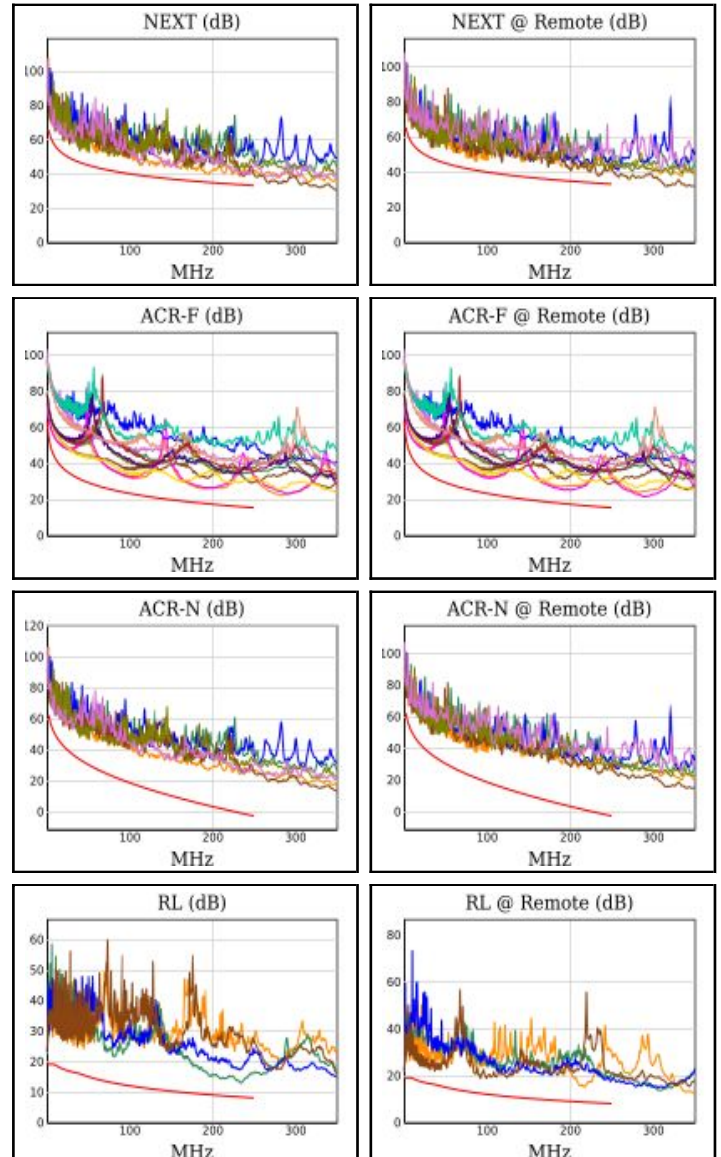
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-F (dB)	8.1	7.6	8.4	7.8
Freq. (MHz)	186.0	193.5	196.5	201.5
Limit (dB)	17.9	17.5	17.4	17.2
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	9.0	9.4	10.8	9.4
Freq. (MHz)	104.0	193.5	215.0	193.5
Limit (dB)	19.9	14.5	13.6	14.5

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	1,2-3,6	1,2-3,6	3,6-4,5
ACR-N (dB)	11.5	11.6	24.9	24.8
Freq. (MHz)	4.6	6.3	232.5	235.5
Limit (dB)	57.7	54.9	-0.8	-1.1
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	12.0	12.7	25.0	25.8
Freq. (MHz)	5.6	3.6	234.0	235.5
Limit (dB)	53.4	57.4	-3.9	-4.1

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6	7,8	3,6	1,2
RL (dB)	4.5	5.7	4.5	6.5
Freq. (MHz)	234.5	37.3	234.5	216.5
Limit (dB)	8.3	16.1	8.3	8.6

Compliant Network Standards:

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





Cable ID: AP 4 2-13-4

Date / Time: 08/08/2025 04:31:22 PM

Headroom: 2.2 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

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 3,6]	152
Prop. Delay (ns), Limit 555	[Pair 7,8]	237
Delay Skew (ns), Limit 50	[Pair 7,8]	13
Resistance (ohms)	[Pair 3,6]	7.8
Insertion Loss Margin (dB)	[Pair 3,6]	19.3
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-7,8	1,2-3,6	3,6-4,5	1,2-3,6
NEXT (dB)	2.7	2.2	5.6	3.5
Freq. (MHz)	128.5	199.5	250.0	250.0
Limit (dB)	38.1	34.8	33.1	33.1
Worst Pair	4,5	3,6	4,5	1,2
PS NEXT (dB)	5.1	4.0	5.6	5.1
Freq. (MHz)	128.5	180.5	250.0	250.0
Limit (dB)	35.2	32.6	30.2	30.2

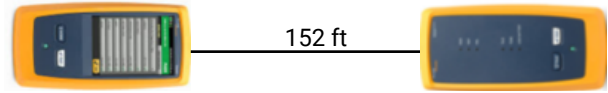
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	4,5-3,6	4,5-3,6	4,5-3,6
ACR-F (dB)	8.9	9.2	9.6	9.3
Freq. (MHz)	172.5	230.5	249.0	241.0
Limit (dB)	18.5	16.0	15.3	15.6
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	9.6	10.3	9.6	10.3
Freq. (MHz)	249.5	241.0	249.5	241.0
Limit (dB)	12.3	12.6	12.3	12.6

N/A	MAIN	SR	MAIN	SR
Worst Pair	4,5-7,8	1,2-3,6	3,6-4,5	1,2-3,6
ACR-N (dB)	10.1	10.0	25.5	22.8
Freq. (MHz)	2.8	5.3	250.0	250.0
Limit (dB)	61.6	56.5	-2.8	-2.8
Worst Pair	4,5	1,2	4,5	3,6
PS ACR-N (dB)	11.3	11.6	25.6	24.9
Freq. (MHz)	4.0	24.5	250.0	250.0
Limit (dB)	56.5	37.5	-5.8	-5.8

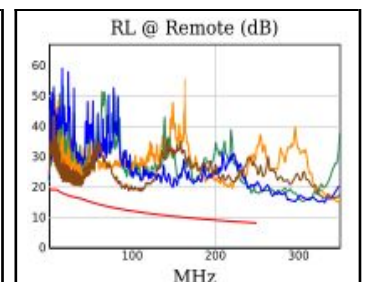
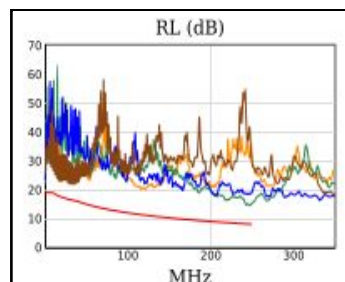
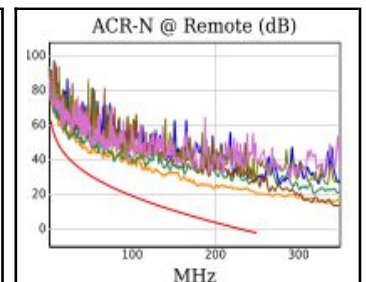
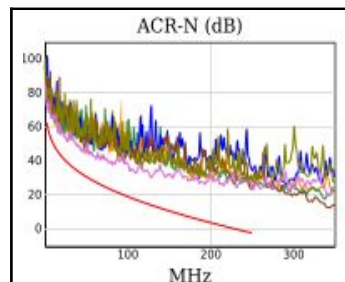
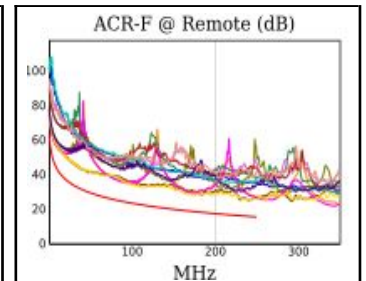
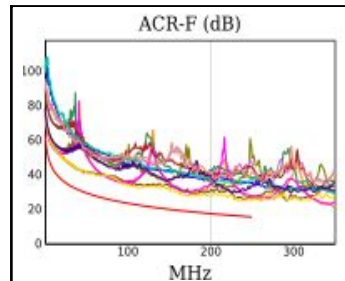
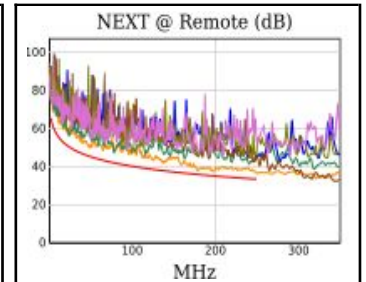
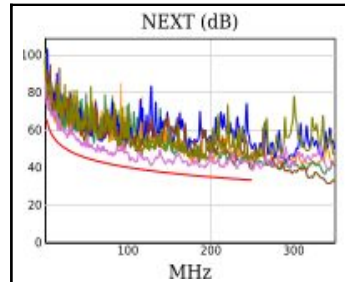
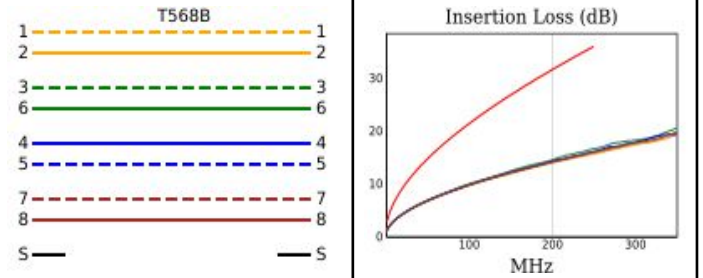
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	3,6	3,6
RL (dB)	5.2	3.8	6.4	9.7
Freq. (MHz)	17.4	17.4	248.0	243.5
Limit (dB)	17.8	17.8	8.1	8.1

Compliant Network Standards:

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



PASS





Cable ID: AP1 2-13-1

Date / Time: 08/08/2025 04:29:36 PM

Headroom: 5 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

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

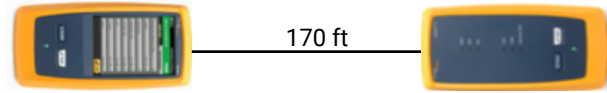
Remote S/N: 1927408

Main Adapter: DSX-CHA804

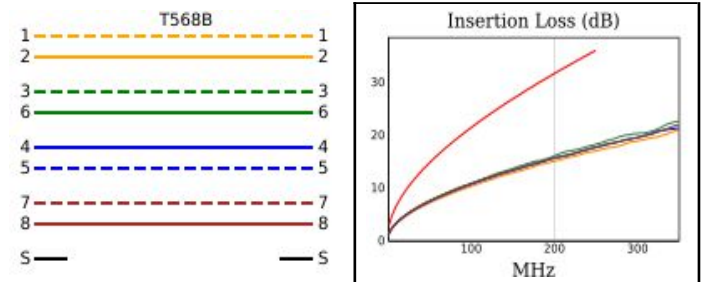
Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 1,2]	170
Prop. Delay (ns), Limit 555	[Pair 3,6]	264
Delay Skew (ns), Limit 50	[Pair 3,6]	13
Resistance (ohms)	[Pair 7,8]	9.3
Insertion Loss Margin (dB)	[Pair 3,6]	17.7
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	1,2-7,8	1,2-7,8	1,2-3,6	1,2-3,6
NEXT (dB)	5.0	6.7	5.4	7.1
Freq. (MHz)	23.3	23.1	202.0	243.5
Limit (dB)	50.5	50.6	34.7	33.3
Worst Pair	1,2	1,2	1,2	1,2
PS NEXT (dB)	5.7	6.2	7.2	6.2
Freq. (MHz)	175.0	243.0	250.0	243.0
Limit (dB)	32.9	30.4	30.2	30.4

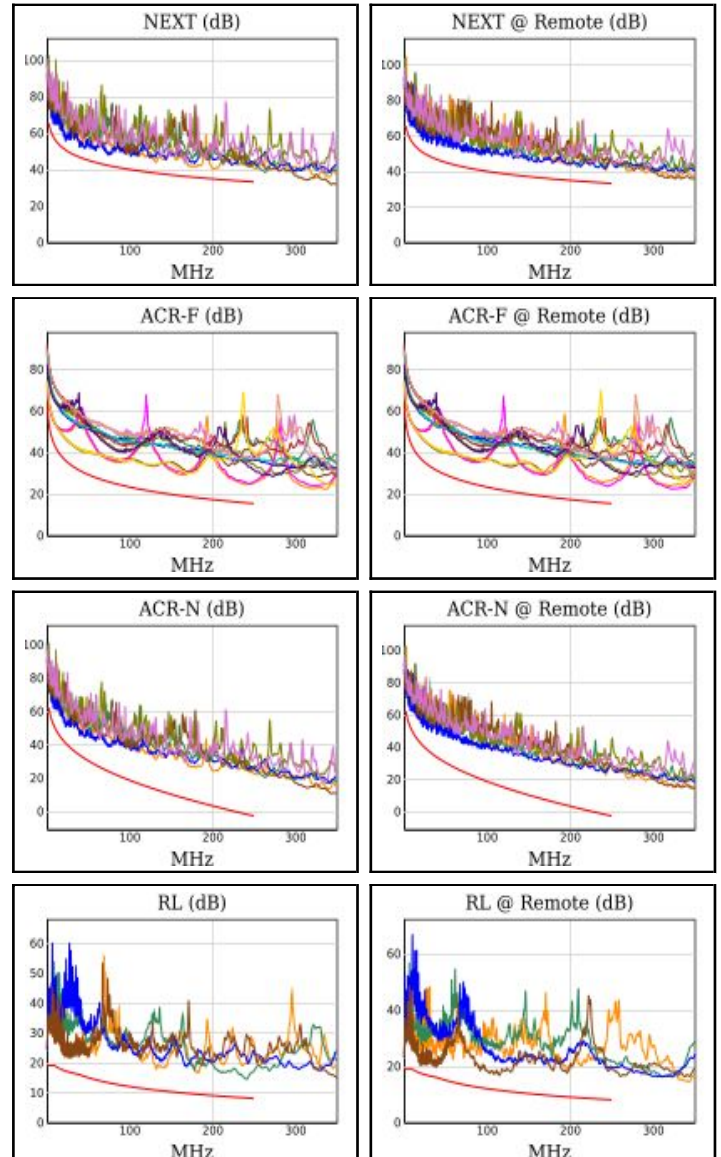
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-F (dB)	8.8	8.1	8.9	8.1
Freq. (MHz)	240.0	245.5	240.5	245.5
Limit (dB)	15.7	15.5	15.6	15.5
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	9.6	9.8	11.8	10.6
Freq. (MHz)	1.4	1.0	250.0	245.5
Limit (dB)	57.5	60.3	12.3	12.5

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-7,8	1,2-3,6	1,2-3,6
ACR-N (dB)	9.7	10.5	25.2	24.6
Freq. (MHz)	23.3	8.5	250.0	243.5
Limit (dB)	40.8	51.9	-2.8	-2.1
Worst Pair	1,2	1,2	3,6	1,2
PS ACR-N (dB)	10.7	11.1	25.9	24.9
Freq. (MHz)	6.4	6.4	247.5	243.0
Limit (dB)	52.2	52.2	-5.5	-5.0

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	3,6	7,8
RL (dB)	4.4	2.7	6.2	5.0
Freq. (MHz)	22.4	20.3	241.5	115.0
Limit (dB)	17.3	17.5	8.2	11.4

Compliant Network Standards:

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





Cable ID: AP3 2-13-3

Date / Time: 08/08/2025 04:27:24 PM

Headroom: 4 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

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 1,2]	135
Prop. Delay (ns), Limit 555	[Pair 3,6]	209
Delay Skew (ns), Limit 50	[Pair 3,6]	11
Resistance (ohms)	[Pair 7,8]	8.2
Insertion Loss Margin (dB)	[Pair 3,6]	21.4
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	1,2-3,6	3,6-4,5	1,2-3,6
NEXT (dB)	4.0	4.2	4.4	4.2
Freq. (MHz)	22.3	241.0	248.0	241.0
Limit (dB)	50.9	33.4	33.2	33.4
Worst Pair	3,6	3,6	3,6	1,2
PS NEXT (dB)	4.8	5.6	5.7	5.7
Freq. (MHz)	104.5	235.5	248.5	246.0
Limit (dB)	36.7	30.6	30.2	30.3

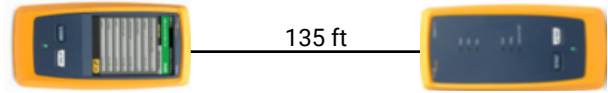
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-F (dB)	9.6	9.4	9.7	9.5
Freq. (MHz)	193.5	200.5	209.0	211.5
Limit (dB)	17.5	17.2	16.9	16.8
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	9.5	9.2	10.9	10.8
Freq. (MHz)	101.0	98.8	209.5	219.0
Limit (dB)	20.2	20.4	13.8	13.4

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	1,2-3,6	1,2-3,6
ACR-N (dB)	9.8	10.0	25.5	25.4
Freq. (MHz)	22.4	22.4	241.0	241.0
Limit (dB)	41.3	41.3	-1.8	-1.8
Worst Pair	4,5	1,2	3,6	3,6
PS ACR-N (dB)	10.9	11.7	27.1	27.9
Freq. (MHz)	22.6	4.6	248.5	250.0
Limit (dB)	38.5	55.2	-5.6	-5.8

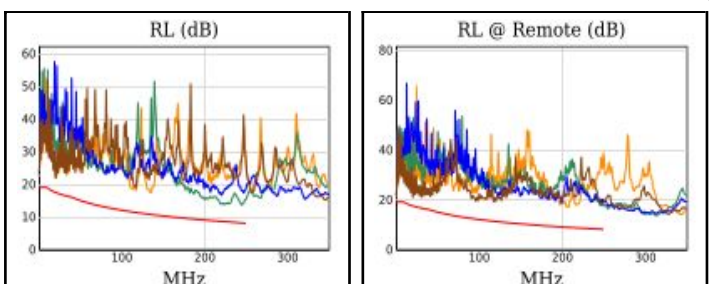
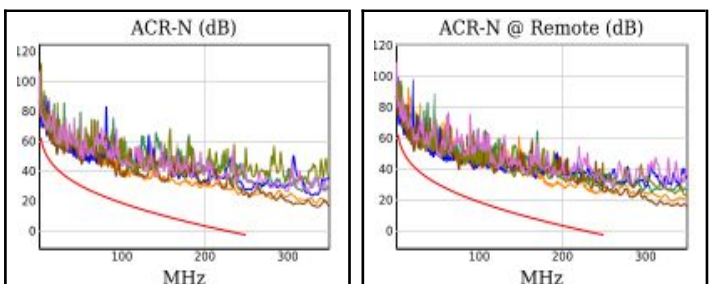
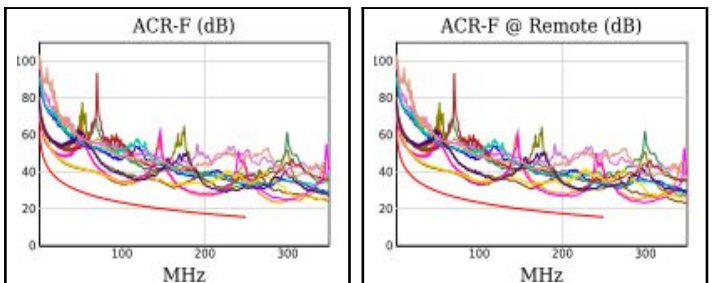
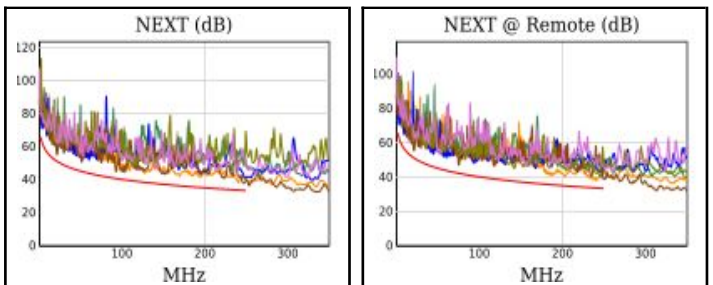
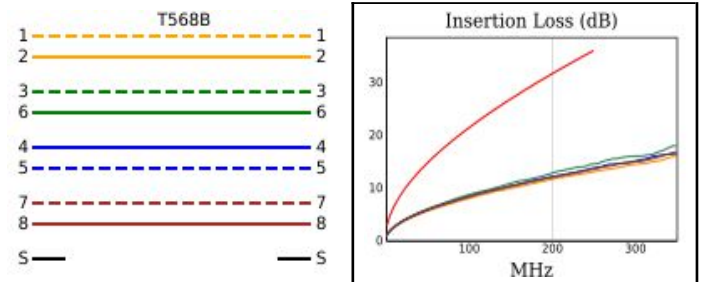
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	7,8	3,6	1,2
RL (dB)	4.4	3.5	5.4	7.9
Freq. (MHz)	21.1	21.0	245.0	208.0
Limit (dB)	17.4	17.4	8.1	8.8

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: AP5 2-13-5

Date / Time: 08/08/2025 04:25:08 PM

Headroom: 4.5 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

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 4,5]	109
Prop. Delay (ns), Limit 555	[Pair 7,8]	169
Delay Skew (ns), Limit 50	[Pair 7,8]	9
Resistance (ohms)	[Pair 7,8]	6.3
Insertion Loss Margin (dB)	[Pair 3,6]	24.0
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	4,5-7,8	3,6-4,5	1,2-3,6
NEXT (dB)	4.7	4.5	5.1	5.1
Freq. (MHz)	131.5	170.0	232.5	249.5
Limit (dB)	37.9	36.0	33.7	33.1
Worst Pair	3,6	4,5	3,6	3,6
PS NEXT (dB)	5.8	5.4	5.8	5.7
Freq. (MHz)	235.0	99.5	235.0	249.5
Limit (dB)	30.6	37.1	30.6	30.2

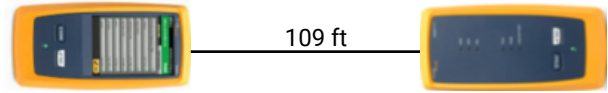
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-1,2	7,8-3,6	3,6-7,8
ACR-F (dB)	10.3	10.7	14.1	14.5
Freq. (MHz)	137.0	137.0	250.0	250.0
Limit (dB)	20.5	20.5	15.3	15.3
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	11.1	11.7	14.1	15.4
Freq. (MHz)	130.0	138.0	250.0	244.0
Limit (dB)	18.0	17.5	12.3	12.5

N/A	MAIN	SR	MAIN	SR
Worst Pair	4,5-7,8	4,5-7,8	3,6-4,5	1,2-3,6
ACR-N (dB)	10.8	11.5	28.6	29.2
Freq. (MHz)	5.1	5.1	232.5	249.5
Limit (dB)	56.8	56.8	-0.8	-2.8
Worst Pair	4,5	4,5	3,6	3,6
PS ACR-N (dB)	11.9	12.8	28.9	29.8
Freq. (MHz)	5.3	5.4	235.0	249.5
Limit (dB)	54.0	53.8	-4.0	-5.7

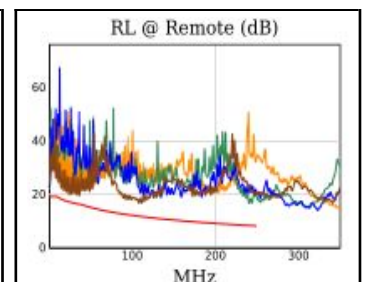
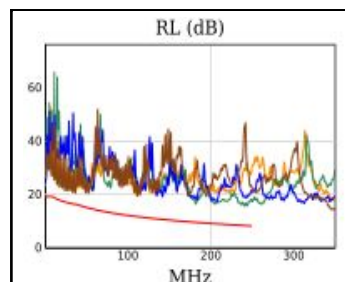
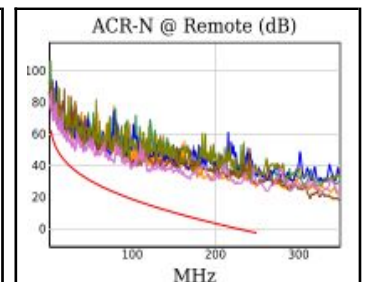
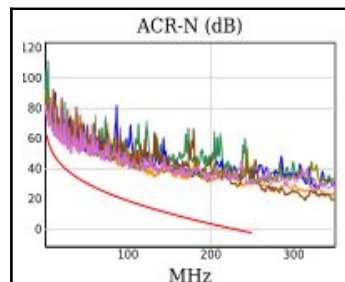
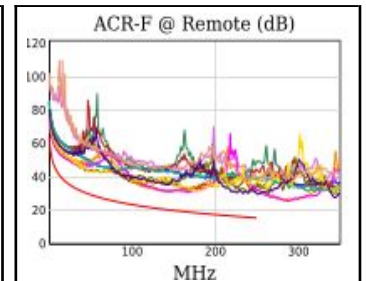
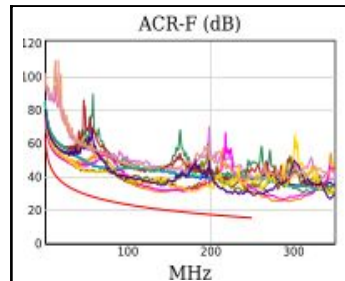
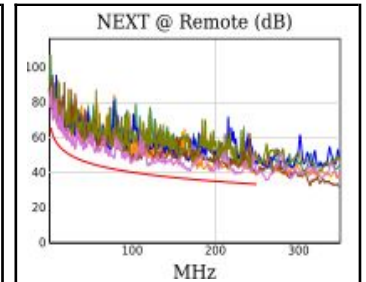
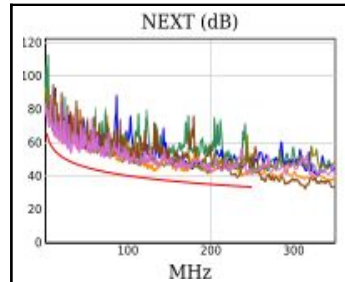
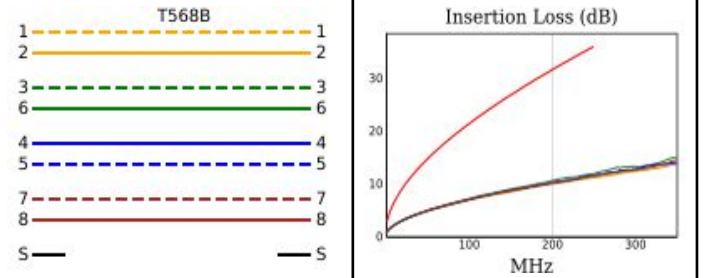
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	3,6	3,6
RL (dB)	4.1	2.7	7.2	8.2
Freq. (MHz)	37.3	24.9	241.0	241.0
Limit (dB)	16.1	17.0	8.2	8.2

Compliant Network Standards:

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



PASS





Cable ID: AP6 2-13-6

Date / Time: 08/08/2025 04:28:48 PM

Headroom: 5.2 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Montgomery County

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

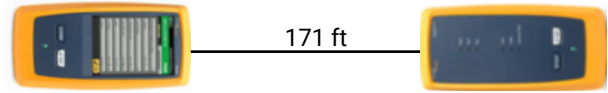
Remote S/N: 1927408

Main Adapter: DSX-CHA804

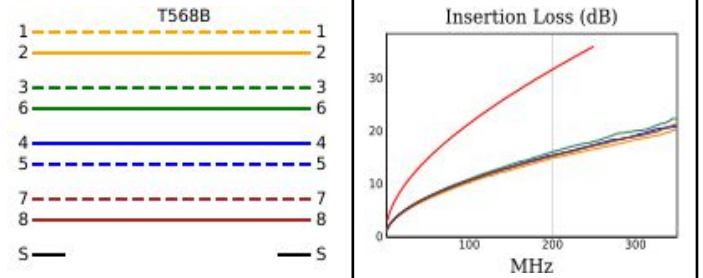
Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 1,2]	171
Prop. Delay (ns), Limit 555	[Pair 3,6]	266
Delay Skew (ns), Limit 50	[Pair 3,6]	14
Resistance (ohms)	[Pair 7,8]	9.8
Insertion Loss Margin (dB)	[Pair 3,6]	17.9
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	1,2-7,8	1,2-7,8	1,2-3,6	1,2-3,6
NEXT (dB)	5.2	5.5	6.6	7.5
Freq. (MHz)	18.8	18.8	243.5	227.5
Limit (dB)	52.1	52.1	33.3	33.8
Worst Pair	1,2	4,5	1,2	4,5
PS NEXT (dB)	6.1	7.5	7.1	7.9
Freq. (MHz)	192.0	225.5	243.5	249.5
Limit (dB)	32.2	30.9	30.4	30.2

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	1,2-3,6	1,2-3,6
ACR-F (dB)	8.7	8.6	9.6	9.8
Freq. (MHz)	25.3	25.3	227.5	230.5
Limit (dB)	35.2	35.2	16.1	16.0
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	9.9	9.7	11.8	11.2
Freq. (MHz)	1.0	1.0	233.5	230.5
Limit (dB)	60.3	60.3	12.9	13.0

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-7,8	1,2-3,6	1,2-3,6
ACR-N (dB)	9.5	9.8	24.3	26.2
Freq. (MHz)	18.8	18.8	243.5	250.0
Limit (dB)	43.4	43.4	-2.1	-2.8
Worst Pair	3,6	7,8	3,6	3,6
PS ACR-N (dB)	10.4	11.3	26.1	26.1
Freq. (MHz)	18.5	6.1	243.5	250.0
Limit (dB)	40.9	52.6	-5.0	-5.8

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	7,8	3,6	7,8
RL (dB)	5.6	5.1	5.9	9.4
Freq. (MHz)	124.5	34.8	235.5	247.5
Limit (dB)	11.0	16.3	8.3	8.1

Compliant Network Standards:

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

