

LinkWare Live

Official Summary

Certification Report



Exclusively For:	Prepared By:	Projects
	Systec101	SRS - CPSGYPS-2526 - Gypsum CO
	Murat Yildirim	
	info@systec101.com	

Product Name	Serial Number	Firmware Version	Calibration Date
DSX-8000	1927404	V6.9 Build 2	10/31/2022
DSX-8000	1927408	V6.9 Build 2	10/31/2022

Cable ID	Summary	Test Limit	Length	Headroom	Date / Time
AP1	PASS	TIA 1005 Cat 6 Channel	81 ft	3.1 dB (NEXT)	11/06/2023 08:44:45 PM
AP2	PASS	TIA 1005 Cat 6 Channel	74 ft	2.8 dB (NEXT)	11/07/2023 10:55:33 AM
AP3	PASS	TIA 1005 Cat 6 Channel	74 ft	2.8 dB (NEXT)	11/07/2023 10:55:54 AM
AP4	PASS	TIA 1005 Cat 6 Channel	194 ft	4.0 dB (NEXT)	11/07/2023 11:30:51 AM
AP5	PASS	TIA 1005 Cat 6 Channel	194 ft	3.9 dB (NEXT)	11/07/2023 11:31:04 AM
D1	PASS	TIA 1005 Cat 6 Channel	175 ft	5.1 dB (NEXT)	11/06/2023 07:00:19 PM
D10	PASS	TIA 1005 Cat 6 Channel	189 ft	2.0 dB (NEXT)	11/06/2023 05:36:29 PM
D11	PASS	TIA 1005 Cat 6 Channel	190 ft	2.2 dB (NEXT)	11/06/2023 05:37:19 PM
D12	PASS	TIA 1005 Cat 6 Channel	191 ft	2.5 dB (NEXT)	11/06/2023 05:38:08 PM
D13	PASS	TIA 1005 Cat 6 Channel	196 ft	2.2 dB (NEXT)	11/06/2023 05:39:11 PM
D14	PASS	TIA 1005 Cat 6 Channel	197 ft	2.9 dB (NEXT)	11/06/2023 05:40:11 PM
D15	PASS	TIA 1005 Cat 6 Channel	196 ft	1.3 dB (NEXT)	11/06/2023 05:41:17 PM
D16	PASS	TIA 1005 Cat 6 Channel	190 ft	1.9 dB (NEXT)	11/06/2023 05:42:17 PM
D17	PASS	TIA 1005 Cat 6 Channel	173 ft	2.5 dB (NEXT)	11/06/2023 05:43:45 PM
D18	PASS	TIA 1005 Cat 6 Channel	168 ft	2.5 dB (NEXT)	11/06/2023 05:44:45 PM
D19	PASS	TIA 1005 Cat 6 Channel	173 ft	2.2 dB (NEXT)	11/06/2023 05:48:29 PM
D2	PASS	TIA 1005 Cat 6 Channel	176 ft	1.7 dB (NEXT)	11/06/2023 05:23:34 PM
D20	PASS*	TIA 1005 Cat 6 Channel	168 ft	1.6 dB (NEXT)	11/06/2023 05:50:24 PM
D21	PASS	TIA 1005 Cat 6 Channel	90 ft	2.2 dB (NEXT)	11/06/2023 07:11:30 PM
D22	PASS	TIA 1005 Cat 6 Channel	77 ft	0.9 dB (NEXT)	11/06/2023 06:13:11 PM
D23	PASS	TIA 1005 Cat 6 Channel	67 ft	1.1 dB (NEXT)	11/06/2023 06:14:24 PM
D24	PASS	TIA 1005 Cat 6 Channel	61 ft	2.6 dB (NEXT)	11/06/2023 06:15:38 PM
D25	PASS	TIA 1005 Cat 6 Channel	71 ft	2.0 dB (NEXT)	11/06/2023 06:21:32 PM
D26	PASS	TIA 1005 Cat 6 Channel	79 ft	1.7 dB (NEXT)	11/06/2023 06:22:55 PM
D27	PASS	TIA 1005 Cat 6 Channel	79 ft	1.7 dB (NEXT)	11/06/2023 06:23:16 PM
D28	PASS	TIA 1005 Cat 6 Channel	73 ft	4.0 dB (NEXT)	11/06/2023 06:24:47 PM
D3	PASS	TIA 1005 Cat 6 Channel	175 ft	2.9 dB (NEXT)	11/06/2023 06:56:38 PM
D4	PASS	TIA 1005 Cat 6 Channel	174 ft	1.5 dB (NEXT)	11/06/2023 05:26:24 PM
D5	PASS	TIA 1005 Cat 6 Channel	185 ft	3.4 dB (NEXT)	11/06/2023 05:27:41 PM
D6	PASS*	TIA 1005 Cat 6 Channel	184 ft	0.9 dB (NEXT)	11/06/2023 05:32:03 PM
D7	PASS	TIA 1005 Cat 6 Channel	185 ft	4.2 dB (NEXT)	11/06/2023 05:33:47 PM
D8	PASS	TIA 1005 Cat 6 Channel	184 ft	2.0 dB (NEXT)	11/06/2023 05:34:38 PM
D9	PASS	TIA 1005 Cat 6 Channel	190 ft	1.5 dB (NEXT)	11/06/2023 05:35:39 PM
WAP-1	PASS	TIA 1005 Cat 6 Channel	76 ft	1.8 dB (NEXT)	11/01/2023 12:26:34 PM
WAP-2	PASS	TIA 1005 Cat 6 Channel	79 ft	2.7 dB (NEXT)	11/01/2023 12:51:18 PM

Total Length:	5028 ft
No of Reports:	35
No of Passing Reports:	35
No of Failing Reports:	0
No of Warning Reports:	0
Documentation only:	0



Cable ID: AP1

Date / Time: 11/06/2023 08:44:45 PM Operator: MURAT
 Headroom: 3.1 dB (NEXT) Software Version: V6.9 Build 2
 Test Limit: TIA 1005 Cat 6 Channel Calibration Date:
 Cable Type: Cat 6 U/UTP Main (Module): 10/31/2022
 NVP: 69.0% Remote (Module): 10/31/2022
 Project: SRS - CPSGYPS-2526 - Gypsum CO

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]	81
Prop. Delay (ns), Limit 555	[Pair 7,8]	126
Delay Skew (ns), Limit 50	[Pair 7,8]	7
Resistance (ohms)	[Pair 7,8]	12.6
Insertion Loss Margin (dB)	[Pair 3,6]	27.1
Frequency (MHz)	[Pair 3,6]	247.0
Limit (dB)	[Pair 3,6]	35.7

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-7,8	3,6-4,5	3,6-7,8	1,2-4,5
NEXT (dB)	5.2	3.1	8.8	3.5
Freq. (MHz)	3.1	145.5	247.0	224.0
Limit (dB)	64.8	37.2	33.2	33.9
Worst Pair	4,5	4,5	4,5	4,5
PS NEXT (dB)	5.9	3.7	9.6	3.7
Freq. (MHz)	3.5	224.5	247.5	224.5
Limit (dB)	61.5	31.0	30.2	31.0

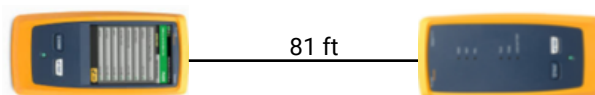
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	3,6-4,5	4,5-3,6	3,6-4,5
ACR-F (dB)	11.2	11.4	11.4	11.5
Freq. (MHz)	225.0	225.0	236.0	236.0
Limit (dB)	16.2	16.2	15.8	15.8
Worst Pair	4,5	4,5	3,6	3,6
PS ACR-F (dB)	10.8	10.7	13.0	13.6
Freq. (MHz)	1.0	1.0	236.5	232.5
Limit (dB)	60.3	60.3	12.8	12.9

N/A	MAIN	SR	MAIN	SR
Worst Pair	4,5-7,8	4,5-7,8	3,6-7,8	1,2-4,5
ACR-N (dB)	7.7	8.9	36.1	29.1
Freq. (MHz)	3.3	2.3	247.0	224.0
Limit (dB)	60.9	61.9	-2.5	0.2
Worst Pair	4,5	4,5	4,5	4,5
PS ACR-N (dB)	8.6	10.1	36.8	29.4
Freq. (MHz)	3.5	3.3	247.5	224.5
Limit (dB)	57.7	58.4	-5.5	-2.8

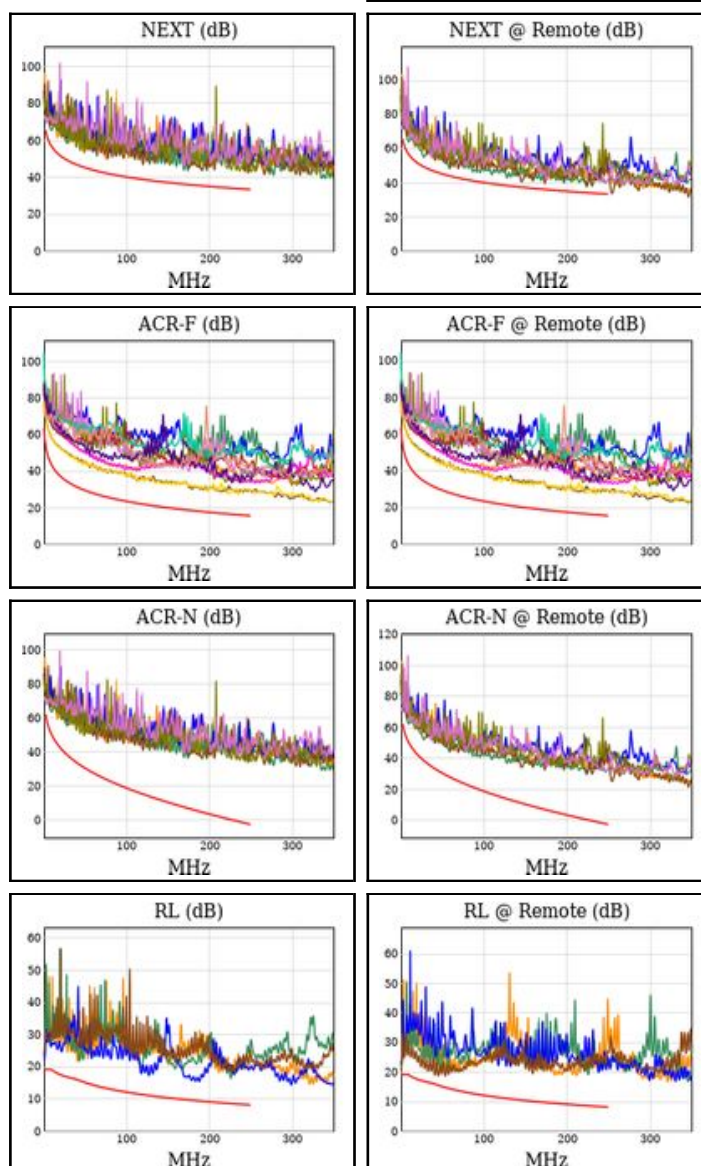
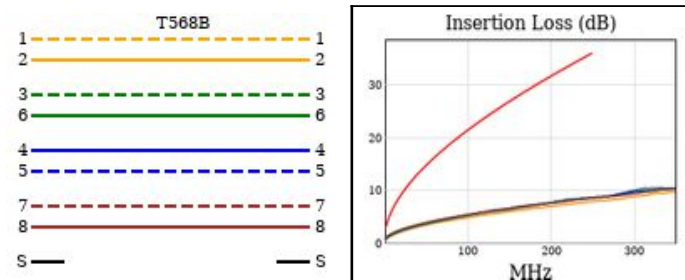
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	7,8	4,5	7,8
RL (dB)	5.8	3.0	6.1	3.8
Freq. (MHz)	41.8	41.8	188.5	54.3
Limit (dB)	15.8	15.8	9.2	14.7

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: AP2

Date / Time: 11/07/2023 10:55:33 AM Operator: MURAT
 Headroom: 2.8 dB (NEXT) Software Version: V6.9 Build 2
 Test Limit: TIA 1005 Cat 6 Channel Calibration Date:
 Cable Type: Cat 6 U/UTP Main (Module): 10/31/2022
 NVP: 69.0% Remote (Module): 10/31/2022
 Project: SRS - CPSGYPS-2526 - Gypsum CO

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]	74
Prop. Delay (ns), Limit 555	[Pair 7,8]	115
Delay Skew (ns), Limit 50	[Pair 7,8]	6
Resistance (ohms)	[Pair 7,8]	28.9
Insertion Loss Margin (dB)	[Pair 7,8]	27.7
Frequency (MHz)	[Pair 7,8]	250.0
Limit (dB)	[Pair 7,8]	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)	2.8	3.1	2.8	4.2
Freq. (MHz)	237.5	139.0	237.5	250.0
Limit (dB)	33.5	37.5	33.5	33.1
Worst Pair	1,2	4,5	1,2	4,5
PS NEXT (dB)	4.4	3.7	4.8	4.3
Freq. (MHz)	217.5	202.0	247.5	242.0
Limit (dB)	31.2	31.8	30.2	30.4

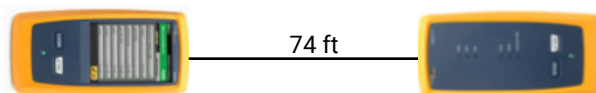
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	7,8-3,6	4,5-1,2	1,2-4,5
ACR-F (dB)	10.9	11.4	15.6	15.0
Freq. (MHz)	14.1	14.1	242.5	242.5
Limit (dB)	40.3	40.3	15.6	15.6
Worst Pair	7,8	3,6	1,2	4,5
PS ACR-F (dB)	13.8	13.9	16.3	16.8
Freq. (MHz)	14.1	14.1	241.0	237.5
Limit (dB)	37.3	37.3	12.6	12.7

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-4,5	1,2-4,5	3,6-4,5
ACR-N (dB)	8.3	8.2	31.3	32.4
Freq. (MHz)	4.8	4.5	247.0	250.0
Limit (dB)	57.5	58.0	-2.5	-2.8
Worst Pair	3,6	3,6	4,5	4,5
PS ACR-N (dB)	8.0	7.7	32.1	32.9
Freq. (MHz)	4.6	4.5	237.0	250.0
Limit (dB)	55.2	55.4	-4.3	-5.8

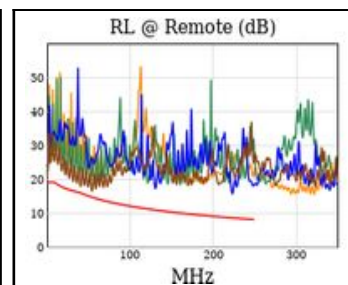
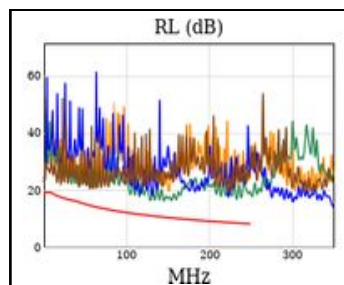
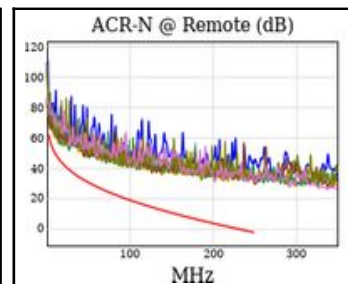
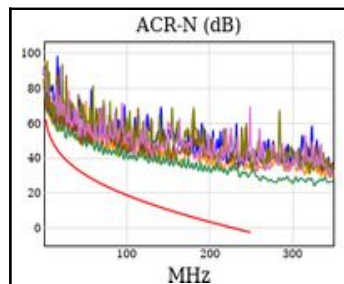
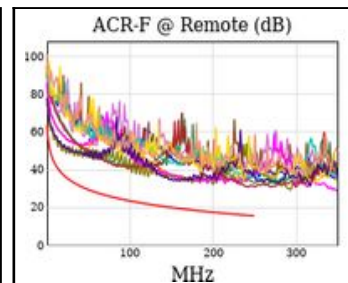
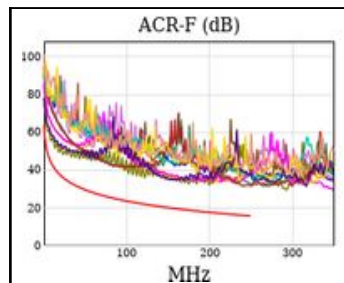
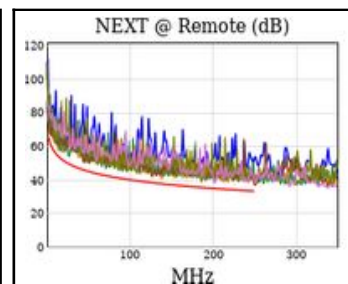
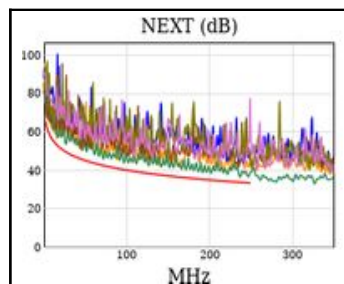
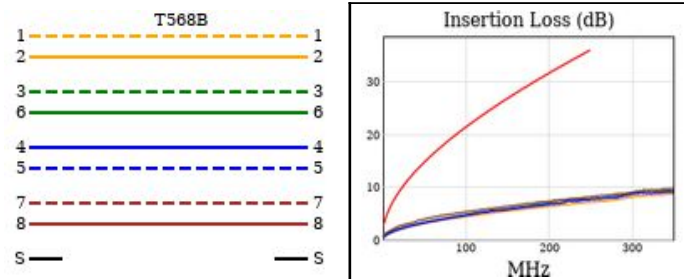
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	3,6	4,5
RL (dB)	5.2	1.8	5.7	7.1
Freq. (MHz)	43.0	55.3	146.0	224.0
Limit (dB)	15.7	14.6	10.4	8.5

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: AP3

Date / Time: 11/07/2023 10:55:54 AM Operator: MURAT
 Headroom: 2.8 dB (NEXT) Software Version: V6.9 Build 2
 Test Limit: TIA 1005 Cat 6 Channel Calibration Date:
 Cable Type: Cat 6 U/UTP Main (Module): 10/31/2022
 NVP: 69.0% Remote (Module): 10/31/2022
 Project: SRS - CPSGYPS-2526 - Gypsum CO

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]	74
Prop. Delay (ns), Limit 555	[Pair 7,8]	115
Delay Skew (ns), Limit 50	[Pair 7,8]	6
Resistance (ohms)	[Pair 7,8]	21.0
Insertion Loss Margin (dB)	[Pair 7,8]	28.0
Frequency (MHz)	[Pair 7,8]	250.0
Limit (dB)	[Pair 7,8]	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)	2.8	3.1	2.8	4.2
Freq. (MHz)	237.5	139.0	237.5	250.0
Limit (dB)	33.5	37.5	33.5	33.1
Worst Pair	1,2	4,5	1,2	4,5
PS NEXT (dB)	4.5	3.7	4.7	4.3
Freq. (MHz)	217.5	202.0	247.5	242.0
Limit (dB)	31.2	31.8	30.2	30.4

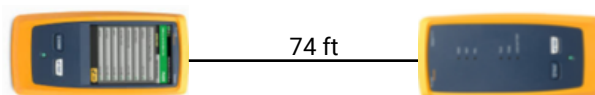
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	7,8-3,6	4,5-1,2	1,2-4,5
ACR-F (dB)	10.0	10.5	15.7	15.1
Freq. (MHz)	4.6	4.9	243.0	243.0
Limit (dB)	50.0	49.5	15.5	15.5
Worst Pair	7,8	3,6	1,2	4,5
PS ACR-F (dB)	12.8	13.2	16.3	16.8
Freq. (MHz)	4.6	4.9	241.0	238.0
Limit (dB)	47.0	46.5	12.6	12.7

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)	8.4	8.4	31.3	32.4
Freq. (MHz)	5.0	5.0	247.5	250.0
Limit (dB)	57.0	57.0	-2.5	-2.8
Worst Pair	3,6	3,6	4,5	4,5
PS ACR-N (dB)	8.0	7.3	32.0	32.9
Freq. (MHz)	4.6	4.5	237.0	250.0
Limit (dB)	55.2	55.4	-4.3	-5.8

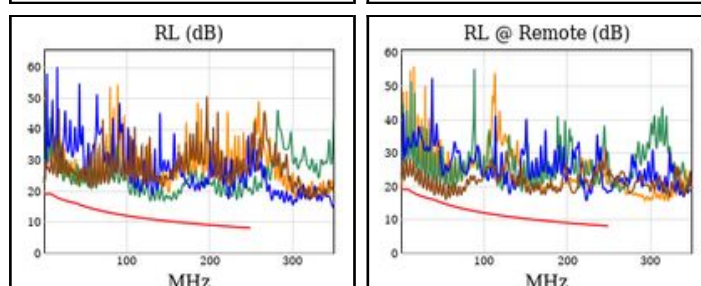
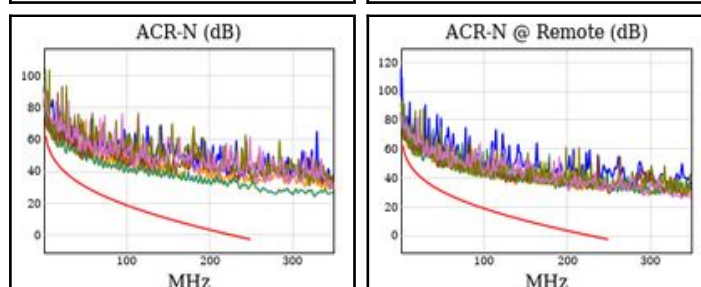
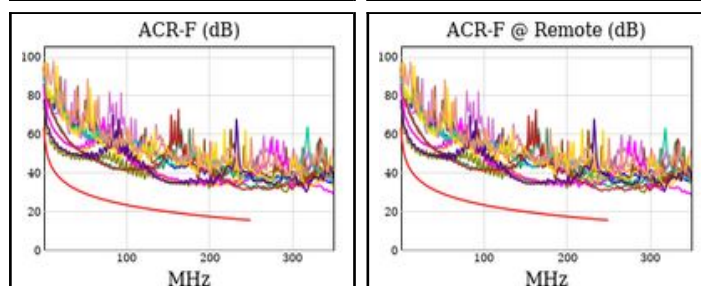
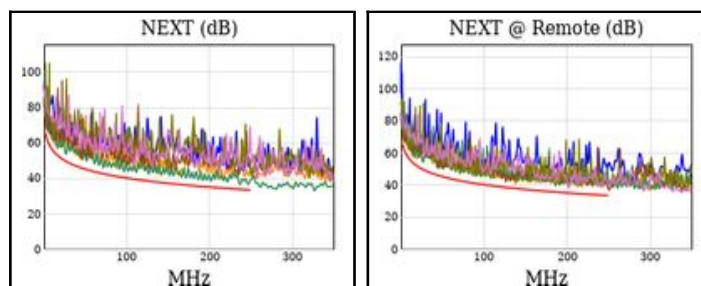
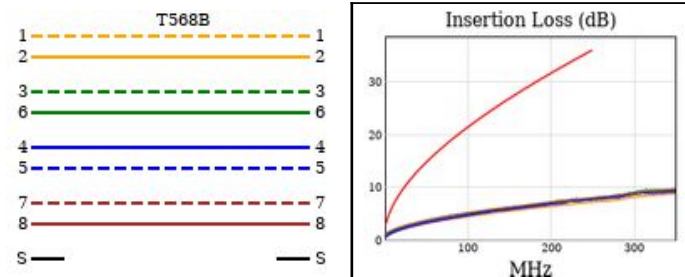
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6	7,8	3,6	4,5
RL (dB)	5.8	1.4	6.3	7.1
Freq. (MHz)	129.5	55.0	145.5	224.0
Limit (dB)	10.9	14.6	10.4	8.5

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: AP4

Date / Time: 11/07/2023 11:30:51 AM Operator: MURAT
 Headroom: 4 dB (NEXT) Software Version: V6.9 Build 2
 Test Limit: TIA 1005 Cat 6 Channel Calibration Date:
 Cable Type: Cat 6 U/UTP Main (Module): 10/31/2022
 NVP: 69.0% Remote (Module): 10/31/2022
 Project: SRS - CPSGYPS-2526 - Gypsum CO

Test Summary: PASS

Length (ft), Limit 328	[Pair 3,6]	194
Prop. Delay (ns), Limit 555	[Pair 7,8]	305
Delay Skew (ns), Limit 50	[Pair 7,8]	20
Resistance (ohms)	[Pair 3,6]	10.0
Insertion Loss Margin (dB)	[Pair 3,6]	16.0
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	4,5-7,8	1,2-4,5	4,5-7,8	1,2-4,5
NEXT (dB)	4.0	5.3	4.0	6.8
Freq. (MHz)	190.0	47.5	190.0	248.5
Limit (dB)	35.2	45.4	35.2	33.2
Worst Pair	4,5	4,5	4,5	1,2
PS NEXT (dB)	6.1	6.1	6.1	6.3
Freq. (MHz)	190.0	52.0	190.0	235.0
Limit (dB)	32.2	42.0	32.2	30.6

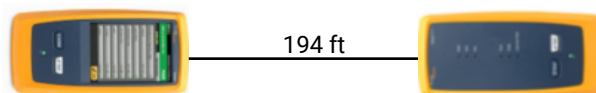
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	3,6-4,5	4,5-3,6
ACR-F (dB)	11.0	11.1	11.0	11.1
Freq. (MHz)	237.0	237.0	237.0	237.0
Limit (dB)	15.8	15.8	15.8	15.8
Worst Pair	3,6	3,6	4,5	3,6
PS ACR-F (dB)	13.4	12.8	13.5	12.8
Freq. (MHz)	52.3	236.5	241.0	236.5
Limit (dB)	25.9	12.8	12.6	12.8

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	3,6-4,5	3,6-7,8	1,2-4,5
ACR-N (dB)	10.6	10.0	24.5	22.9
Freq. (MHz)	18.1	6.6	245.0	248.5
Limit (dB)	43.8	54.3	-2.3	-2.7
Worst Pair	1,2	3,6	3,6	1,2
PS ACR-N (dB)	11.4	10.2	24.6	22.5
Freq. (MHz)	18.0	3.4	238.0	235.5
Limit (dB)	41.2	58.0	-4.4	-4.1

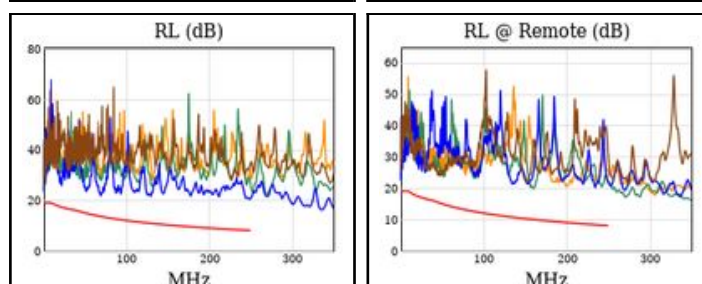
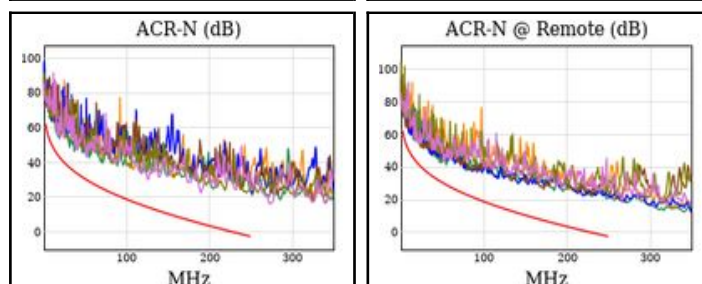
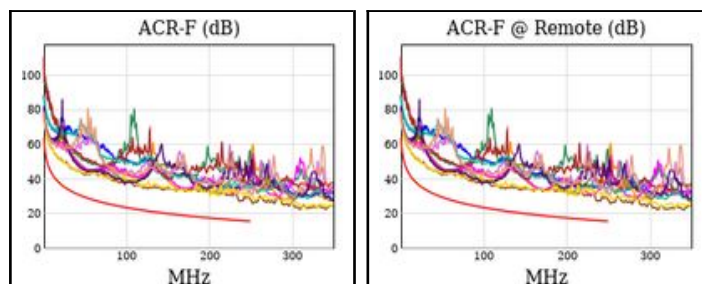
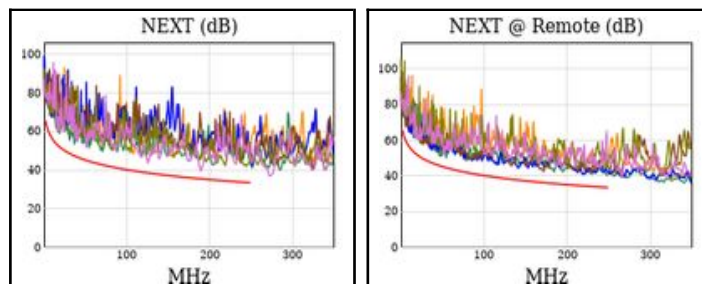
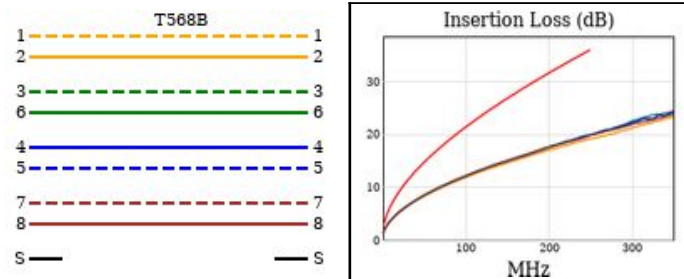
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	4,5	4,5	3,6
RL (dB)	8.2	8.3	12.4	9.9
Freq. (MHz)	69.5	29.9	249.0	161.0
Limit (dB)	13.6	16.6	8.0	9.9

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: AP5

Date / Time: 11/07/2023 11:31:04 AM Operator: MURAT
 Headroom: 3.9 dB (NEXT) Software Version: V6.9 Build 2
 Test Limit: TIA 1005 Cat 6 Channel Calibration Date:
 Cable Type: Cat 6 U/UTP Main (Module): 10/31/2022
 NVP: 69.0% Remote (Module): 10/31/2022
 Project: SRS - CPSPGYP-2526 - Gypsum CO

Test Summary: PASS

Length (ft), Limit 328	[Pair 3,6]	194
Prop. Delay (ns), Limit 555	[Pair 7,8]	305
Delay Skew (ns), Limit 50	[Pair 7,8]	20
Resistance (ohms)	[Pair 3,6]	10.0
Insertion Loss Margin (dB)	[Pair 3,6]	16.0
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	4,5-7,8	1,2-4,5	4,5-7,8	1,2-4,5
NEXT (dB)	3.9	5.3	3.9	6.9
Freq. (MHz)	190.0	47.5	190.0	248.5
Limit (dB)	35.2	45.4	35.2	33.2
Worst Pair	4,5	4,5	4,5	1,2
PS NEXT (dB)	6.0	6.1	6.0	6.3
Freq. (MHz)	190.0	52.0	190.0	235.0
Limit (dB)	32.2	42.0	32.2	30.6

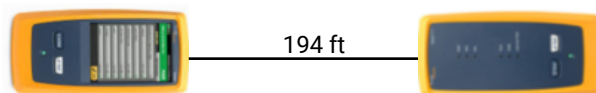
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	3,6-4,5	4,5-3,6
ACR-F (dB)	11.1	11.1	11.1	11.1
Freq. (MHz)	236.5	236.5	236.5	236.5
Limit (dB)	15.8	15.8	15.8	15.8
Worst Pair	3,6	3,6	4,5	3,6
PS ACR-F (dB)	13.4	12.8	13.6	12.8
Freq. (MHz)	52.3	236.5	241.0	236.5
Limit (dB)	25.9	12.8	12.6	12.8

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	3,6-4,5	4,5-7,8	1,2-4,5
ACR-N (dB)	10.6	10.0	17.5	23.1
Freq. (MHz)	18.1	6.6	190.0	248.5
Limit (dB)	43.8	54.3	4.6	-2.7
Worst Pair	1,2	3,6	3,6	1,2
PS ACR-N (dB)	11.4	10.3	24.8	22.5
Freq. (MHz)	18.0	3.4	238.0	235.5
Limit (dB)	41.2	58.0	-4.4	-4.1

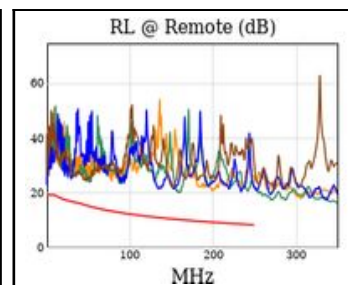
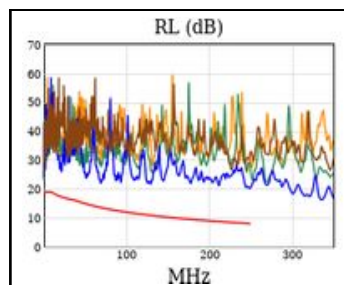
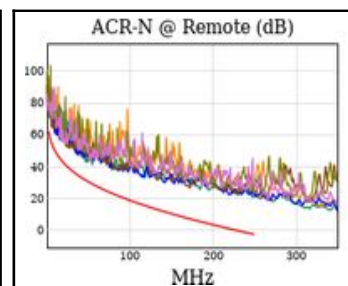
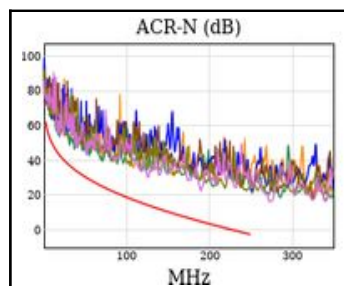
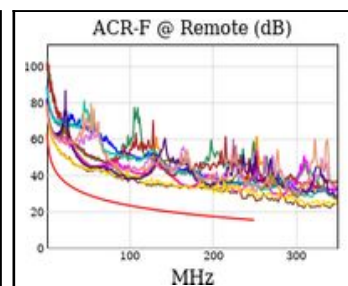
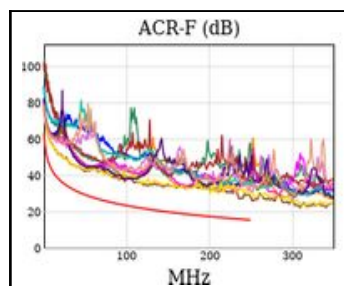
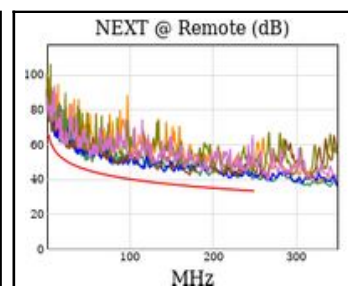
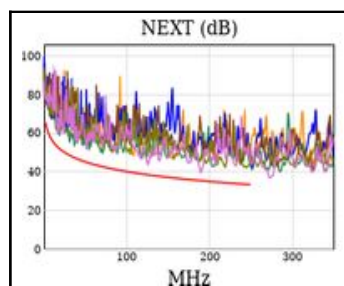
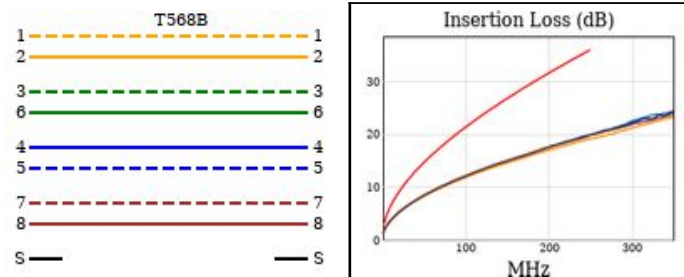
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	4,5	4,5	3,6
RL (dB)	8.3	8.2	12.2	9.9
Freq. (MHz)	69.5	29.9	249.0	161.0
Limit (dB)	13.6	16.6	8.0	9.9

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: D1

Date / Time: 11/06/2023 07:00:19 PM Operator: MURAT
 Headroom: 5.1 dB (NEXT) Software Version: V6.9 Build 2
 Test Limit: TIA 1005 Cat 6 Channel Calibration Date:
 Cable Type: Cat 6 U/UTP Main (Module): 10/31/2022
 NVP: 69.0% Remote (Module): 10/31/2022
 Project: SRS - CPSGYPS-2526 - Gypsum CO

Test Summary: PASS

Length (ft), Limit 328	[Pair 7,8]	175
Prop. Delay (ns), Limit 555	[Pair 4,5]	269
Delay Skew (ns), Limit 50	[Pair 4,5]	12
Resistance (ohms)	[Pair 7,8]	17.0
Insertion Loss Margin (dB)	[Pair 4,5]	19.3
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	35.9

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	1,2-3,6	3,6-7,8	1,2-3,6
NEXT (dB)	5.2	5.1	6.9	5.3
Freq. (MHz)	135.0	239.0	247.0	248.5
Limit (dB)	37.7	33.5	33.2	33.2
Worst Pair	3,6	1,2	3,6	1,2
PS NEXT (dB)	6.6	6.5	8.9	6.5
Freq. (MHz)	15.5	248.5	250.0	248.5
Limit (dB)	50.8	30.2	30.2	30.2

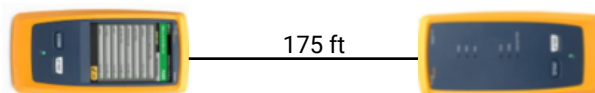
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	3,6-4,5
ACR-F (dB)	12.4	12.2	12.4	12.2
Freq. (MHz)	250.0	250.0	250.0	250.0
Limit (dB)	15.3	15.3	15.3	15.3
Worst Pair	4,5	4,5	4,5	4,5
PS ACR-F (dB)	14.8	14.6	14.8	14.6
Freq. (MHz)	250.0	250.0	250.0	250.0
Limit (dB)	12.3	12.3	12.3	12.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-7,8	1,2-3,6
ACR-N (dB)	9.2	10.2	26.6	24.9
Freq. (MHz)	3.6	3.6	247.0	248.5
Limit (dB)	59.9	59.9	-2.5	-2.7
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	9.0	10.0	28.6	26.2
Freq. (MHz)	3.6	3.6	250.0	247.5
Limit (dB)	57.4	57.4	-5.8	-5.5

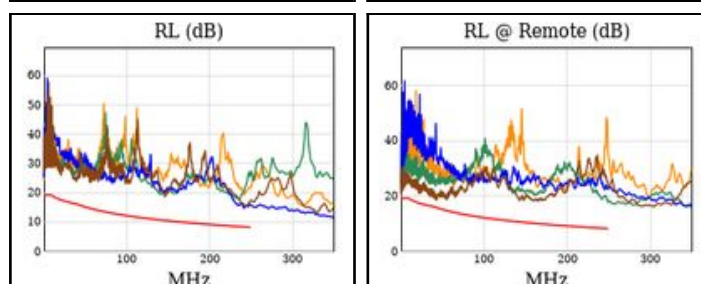
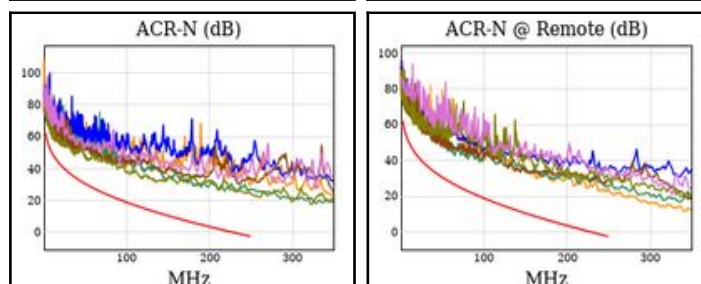
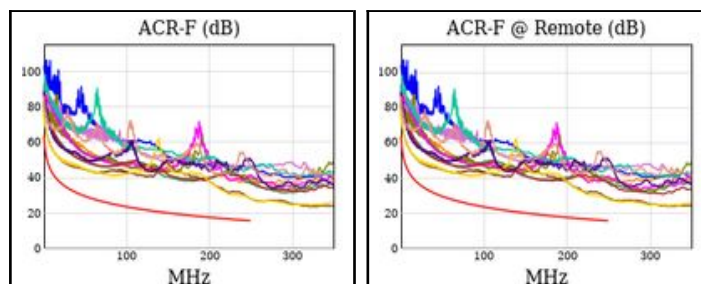
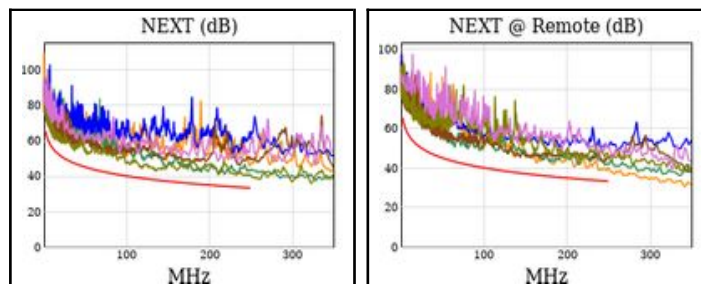
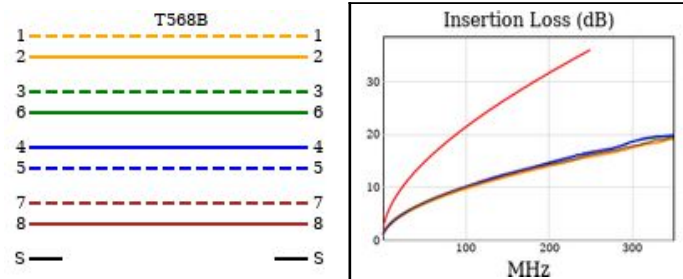
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	7,8	4,5	3,6
RL (dB)	6.3	2.7	6.3	9.4
Freq. (MHz)	242.0	44.0	242.0	250.0
Limit (dB)	8.2	15.6	8.2	8.0

Compliant Network Standards:

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



PASS





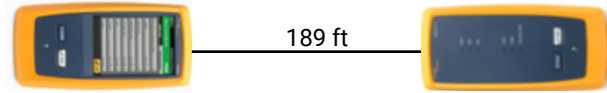
Cable ID: D10

Test Summary: PASS

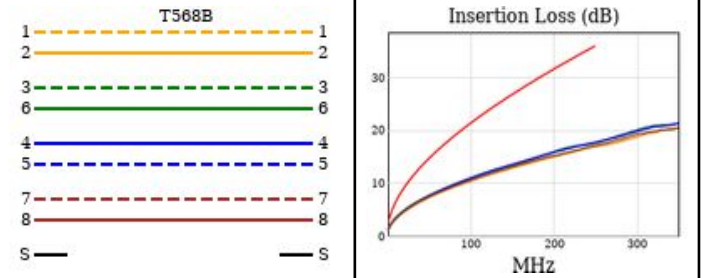
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 Headroom: 2 dB (NEXT) Software Version: V6.9 Build 2
 Test Limit: TIA 1005 Cat 6 Channel Calibration Date:
 Cable Type: Cat 6 U/UTP Main (Module): 10/31/2022
 NVP: 69.0% Remote (Module): 10/31/2022
 Project: SRS - CPSGYPS-2526 - Gypsum CO

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]	189
Prop. Delay (ns), Limit 555	[Pair 4,5]	292
Delay Skew (ns), Limit 50	[Pair 4,5]	13
Resistance (ohms)	[Pair 3,6]	14.4
Insertion Loss Margin (dB)	[Pair 4,5]	18.2
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	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
NEXT (dB)	4.4	2.0	5.4	2.3
Freq. (MHz)	12.5	122.5	214.0	222.0
Limit (dB)	55.0	38.4	34.3	34.0
Worst Pair	3,6	3,6	1,2	3,6
PS NEXT (dB)	3.5	2.2	6.8	2.9
Freq. (MHz)	12.5	158.5	216.0	216.0
Limit (dB)	52.4	33.6	31.3	31.3

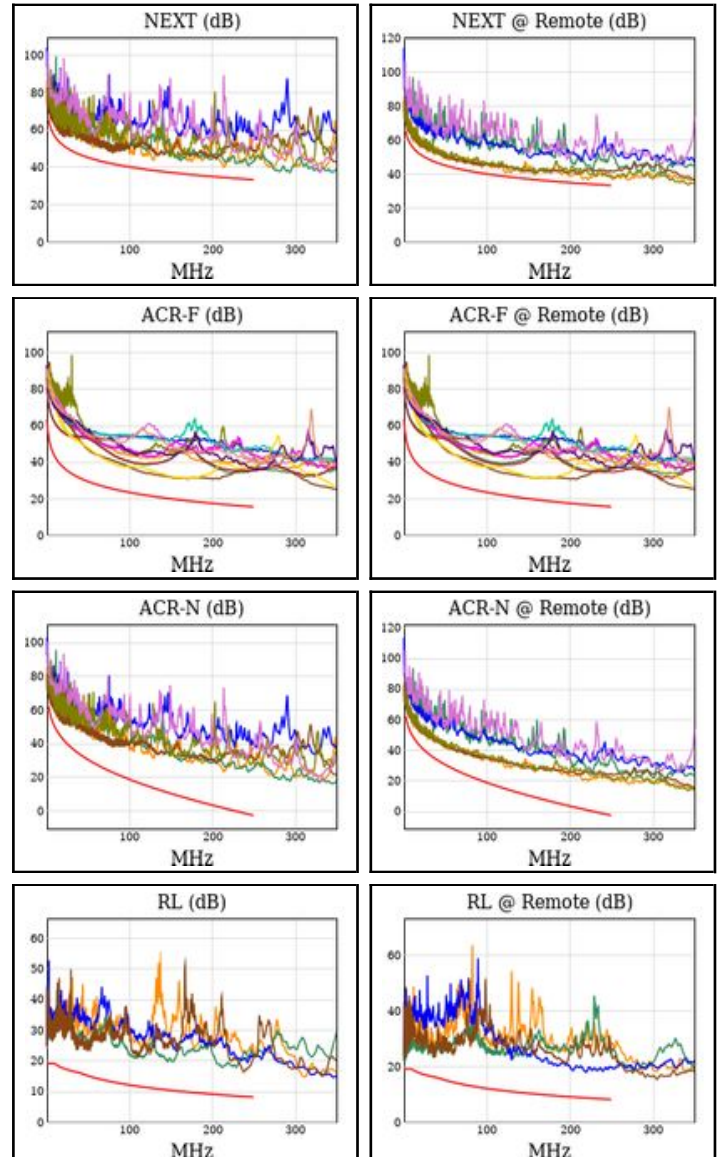
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	3,6-4,5	4,5-3,6
ACR-F (dB)	11.6	11.7	13.7	13.5
Freq. (MHz)	154.5	154.5	208.0	208.5
Limit (dB)	19.5	19.5	16.9	16.9
Worst Pair	4,5	3,6	4,5	3,6
PS ACR-F (dB)	13.7	14.2	15.5	16.3
Freq. (MHz)	123.0	123.0	208.0	208.5
Limit (dB)	18.5	18.5	13.9	13.9

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)	6.2	5.7	21.6	18.9
Freq. (MHz)	3.4	3.4	214.0	222.0
Limit (dB)	60.5	60.5	1.5	0.5
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	6.2	4.7	23.6	22.6
Freq. (MHz)	3.4	3.3	214.0	250.0
Limit (dB)	58.0	58.4	-1.5	-5.8

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	3,6	7,8	4,5
RL (dB)	7.1	6.2	8.0	9.2
Freq. (MHz)	36.5	7.6	238.0	220.0
Limit (dB)	16.2	19.0	8.2	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: D11

Test Summary: PASS

Date / Time: 11/06/2023 05:37:19 PM Operator: MURAT
 Headroom: 2.2 dB (NEXT) Software Version: V6.9 Build 2
 Test Limit: TIA 1005 Cat 6 Channel Calibration Date:
 Cable Type: Cat 6 U/UTP Main (Module): 10/31/2022
 NVP: 69.0% Remote (Module): 10/31/2022
 Project: SRS - CPSGYPS-2526 - Gypsum CO

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]	190
Prop. Delay (ns), Limit 555	[Pair 4,5]	294
Delay Skew (ns), Limit 50	[Pair 4,5]	14
Resistance (ohms)	[Pair 3,6]	14.4
Insertion Loss Margin (dB)	[Pair 4,5]	18.0
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	3,6-4,5	3,6-7,8	1,2-4,5	3,6-7,8
NEXT (dB)	4.1	2.2	8.5	3.7
Freq. (MHz)	3.4	144.5	250.0	246.5
Limit (dB)	64.2	37.2	33.1	33.2
Worst Pair	3,6	3,6	1,2	3,6
PS NEXT (dB)	4.3	2.8	8.9	3.3
Freq. (MHz)	10.6	145.0	234.5	250.0
Limit (dB)	53.6	34.3	30.6	30.2

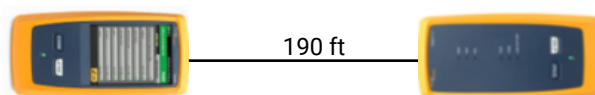
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	3,6-4,5	4,5-3,6	3,6-4,5
ACR-F (dB)	11.5	11.4	11.7	11.6
Freq. (MHz)	243.0	243.0	249.0	249.0
Limit (dB)	15.5	15.5	15.3	15.3
Worst Pair	4,5	4,5	4,5	4,5
PS ACR-F (dB)	14.1	13.4	14.2	13.5
Freq. (MHz)	248.5	248.5	250.0	250.0
Limit (dB)	12.4	12.4	12.3	12.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	1,2-4,5	1,2-3,6
ACR-N (dB)	5.9	5.4	26.5	22.1
Freq. (MHz)	3.4	3.3	250.0	250.0
Limit (dB)	60.5	60.9	-2.8	-2.8
Worst Pair	3,6	3,6	4,5	3,6
PS ACR-N (dB)	6.8	5.4	27.8	21.5
Freq. (MHz)	3.5	3.3	250.0	250.0
Limit (dB)	57.7	58.4	-5.8	-5.8

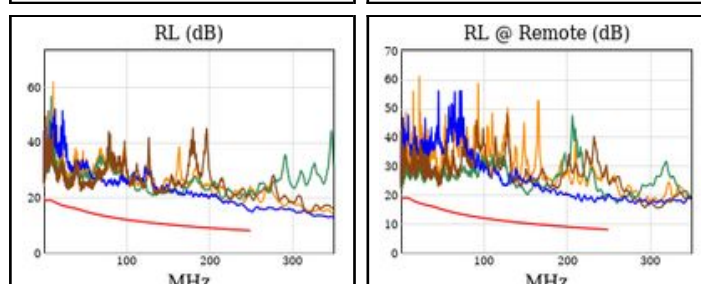
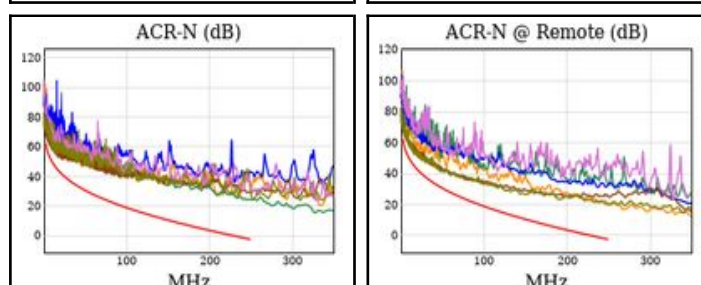
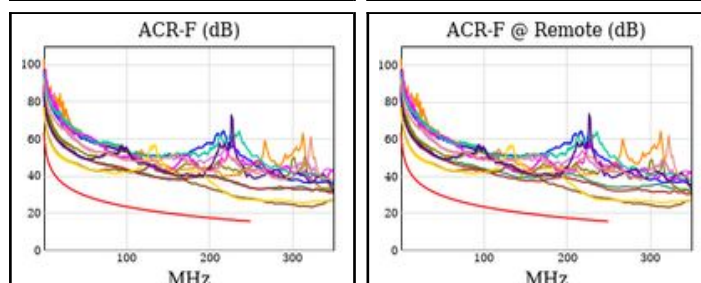
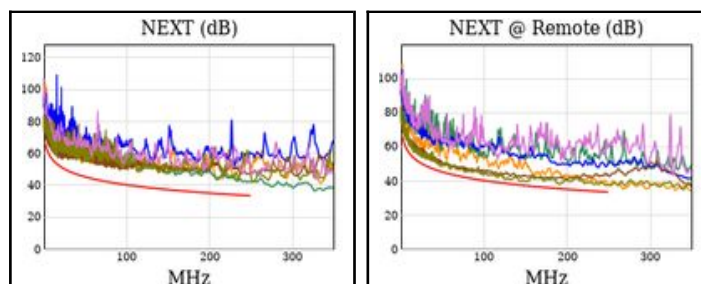
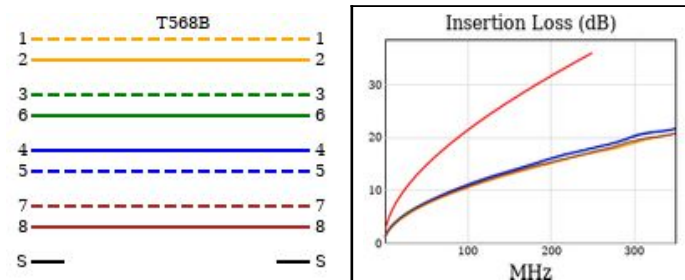
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	3,6	4,5	4,5
RL (dB)	6.3	6.6	7.2	9.0
Freq. (MHz)	30.9	12.5	248.5	234.0
Limit (dB)	16.6	18.5	8.0	8.3

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: D12

Date / Time: 11/06/2023 05:38:08 PM Operator: MURAT
 Headroom: 2.5 dB (NEXT) Software Version: V6.9 Build 2
 Test Limit: TIA 1005 Cat 6 Channel Calibration Date:
 Cable Type: Cat 6 U/UTP Main (Module): 10/31/2022
 NVP: 69.0% Remote (Module): 10/31/2022
 Project: SRS - CPSGYPS-2526 - Gypsum CO

Test Summary: PASS

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]	191
Prop. Delay (ns), Limit 555	[Pair 4,5]	294
Delay Skew (ns), Limit 50	[Pair 4,5]	12
Resistance (ohms)	[Pair 3,6]	14.3
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	3,6-7,8	3,6-7,8	3,6-7,8
NEXT (dB)	3.8	2.5	6.8	4.3
Freq. (MHz)	3.4	138.5	235.0	242.0
Limit (dB)	64.2	37.5	33.6	33.4
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	3.9	2.6	7.8	4.4
Freq. (MHz)	3.4	132.5	235.0	246.0
Limit (dB)	61.7	35.0	30.6	30.3

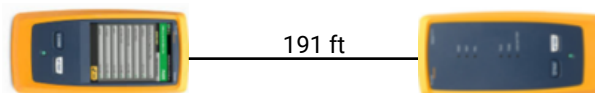
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	4,5-3,6	3,6-4,5	4,5-3,6
ACR-F (dB)	12.7	12.6	13.8	13.1
Freq. (MHz)	171.0	224.0	246.0	238.0
Limit (dB)	18.6	16.3	15.4	15.7
Worst Pair	3,6	3,6	4,5	3,6
PS ACR-F (dB)	15.2	14.6	16.4	15.3
Freq. (MHz)	171.0	218.5	246.0	238.5
Limit (dB)	15.6	13.5	12.4	12.7

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-7,8	3,6-7,8
ACR-N (dB)	5.6	5.6	24.7	22.5
Freq. (MHz)	3.3	3.4	235.0	242.0
Limit (dB)	60.9	60.5	-1.1	-1.9
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	5.6	5.2	24.9	22.2
Freq. (MHz)	3.4	3.4	235.0	246.0
Limit (dB)	58.0	58.0	-4.0	-5.3

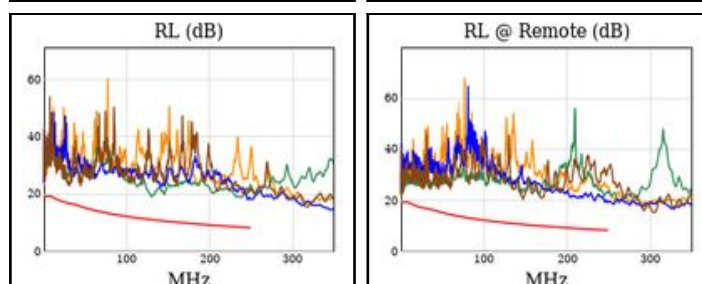
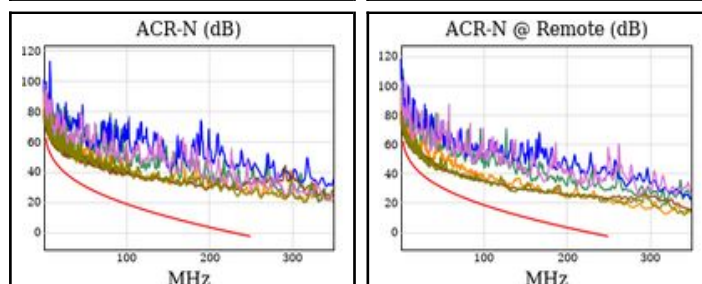
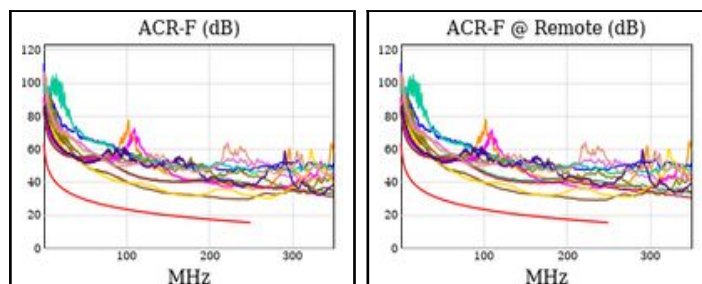
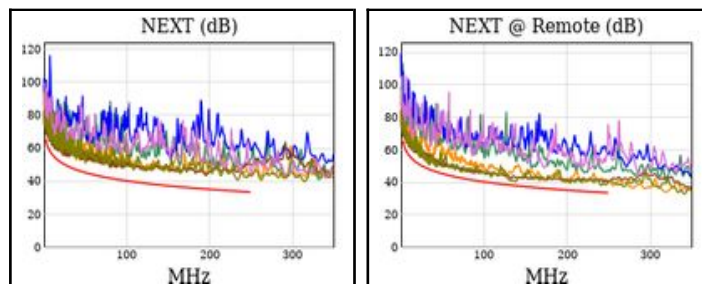
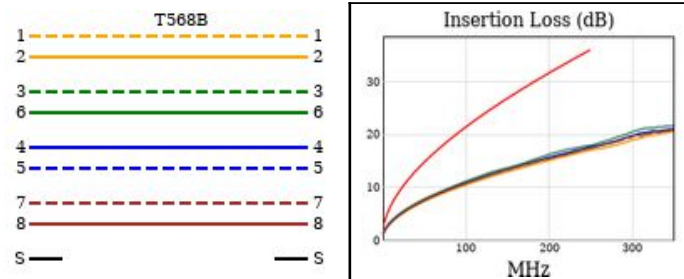
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	3,6	4,5	4,5
RL (dB)	6.2	6.7	9.6	10.8
Freq. (MHz)	30.8	7.5	246.5	250.0
Limit (dB)	16.6	19.0	8.1	8.0

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		



PASS





Cable ID: D13

Date / Time: 11/06/2023 05:39:11 PM Operator: MURAT
 Headroom: 2.2 dB (NEXT) Software Version: V6.9 Build 2
 Test Limit: TIA 1005 Cat 6 Channel Calibration Date:
 Cable Type: Cat 6 U/UTP Main (Module): 10/31/2022
 NVP: 69.0% Remote (Module): 10/31/2022
 Project: SRS - CPSGYPS-2526 - Gypsum CO

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]	196
Prop. Delay (ns), Limit 555	[Pair 4,5]	303
Delay Skew (ns), Limit 50	[Pair 4,5]	14
Resistance (ohms)	[Pair 7,8]	15.0
Insertion Loss Margin (dB)	[Pair 4,5]	17.4
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	3,6-7,8	3,6-7,8	1,2-3,6	1,2-3,6
NEXT (dB)	6.0	2.2	9.2	2.9
Freq. (MHz)	3.3	62.0	232.5	213.5
Limit (dB)	64.5	43.4	33.7	34.3
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	5.1	2.8	10.8	3.4
Freq. (MHz)	3.3	127.5	232.5	226.0
Limit (dB)	62.0	35.3	30.7	30.9

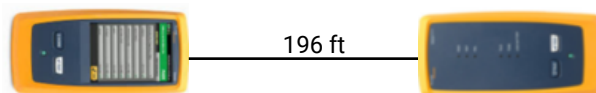
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	3,6-4,5	4,5-3,6	3,6-4,5
ACR-F (dB)	11.5	11.6	13.7	13.6
Freq. (MHz)	16.4	16.4	248.5	249.0
Limit (dB)	39.0	39.0	15.4	15.3
Worst Pair	3,6	3,6	3,6	4,5
PS ACR-F (dB)	13.7	14.1	16.0	15.4
Freq. (MHz)	16.4	16.3	248.5	249.0
Limit (dB)	36.0	36.0	12.4	12.3

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)	7.6	5.0	26.0	22.6
Freq. (MHz)	3.3	3.1	232.5	247.0
Limit (dB)	60.9	61.2	-0.8	-2.5
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	6.7	5.2	27.5	22.1
Freq. (MHz)	3.3	3.3	232.5	247.0
Limit (dB)	58.4	58.4	-3.7	-5.4

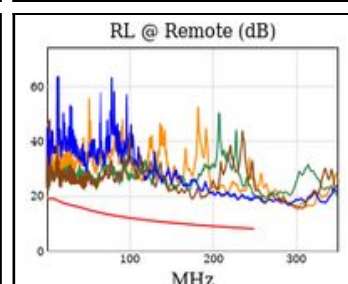
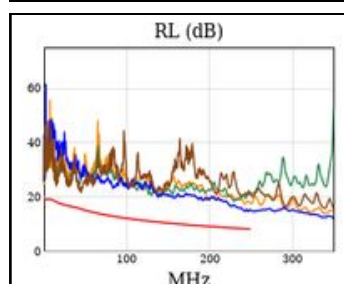
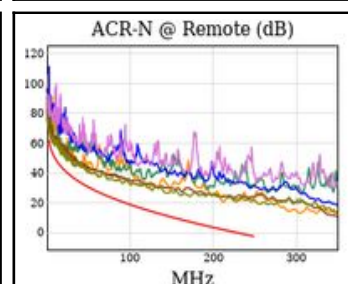
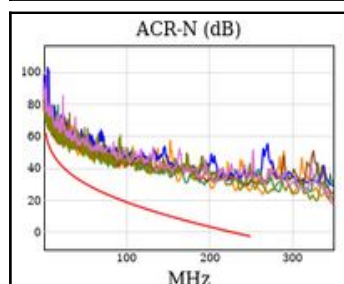
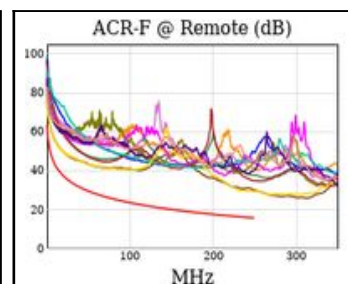
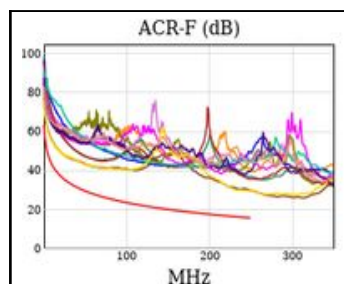
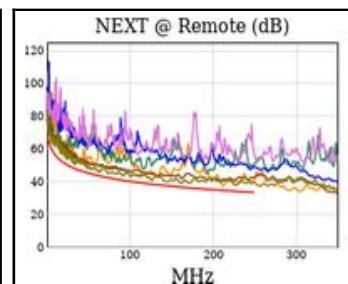
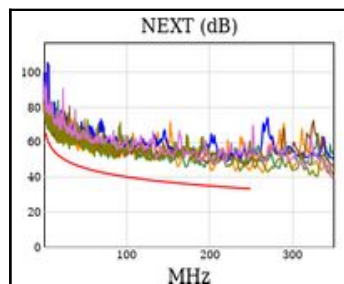
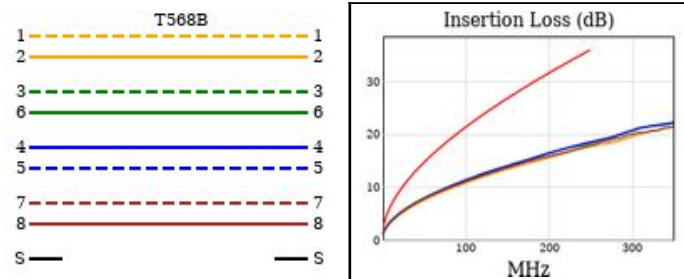
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	4,5	4,5
RL (dB)	5.9	5.4	6.4	10.3
Freq. (MHz)	15.6	16.1	247.5	247.5
Limit (dB)	18.0	18.0	8.1	8.1

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: D14

Date / Time: 11/06/2023 05:40:11 PM Operator: MURAT
 Headroom: 2.9 dB (NEXT) Software Version: V6.9 Build 2
 Test Limit: TIA 1005 Cat 6 Channel Calibration Date:
 Cable Type: Cat 6 U/UTP Main (Module): 10/31/2022
 NVP: 69.0% Remote (Module): 10/31/2022
 Project: SRS - CPSGYPS-2526 - Gypsum CO

Test Summary: PASS

Length (ft), Limit 328	[Pair 7,8]	197
Prop. Delay (ns), Limit 555	[Pair 4,5]	303
Delay Skew (ns), Limit 50	[Pair 4,5]	13
Resistance (ohms)	[Pair 3,6]	14.1
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	3,6-4,5	3,6-7,8	3,6-7,8	3,6-7,8
NEXT (dB)	6.3	2.9	11.5	3.8
Freq. (MHz)	3.1	77.5	230.0	244.5
Limit (dB)	64.8	41.8	33.7	33.3
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	5.8	2.6	12.3	3.9
Freq. (MHz)	5.0	81.0	228.0	245.0
Limit (dB)	59.0	38.7	30.9	30.3

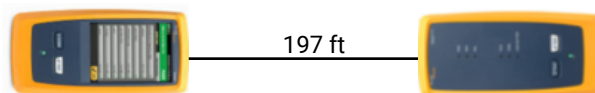
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	3,6-4,5	4,5-3,6
ACR-F (dB)	13.2	12.9	13.4	13.1
Freq. (MHz)	143.0	143.0	150.0	150.0
Limit (dB)	20.2	20.2	19.7	19.7
Worst Pair	4,5	3,6	4,5	3,6
PS ACR-F (dB)	15.9	15.5	16.1	17.9
Freq. (MHz)	143.0	148.0	150.0	194.5
Limit (dB)	17.2	16.9	16.7	14.5

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)	8.1	5.7	30.3	21.8
Freq. (MHz)	3.1	3.3	248.5	249.0
Limit (dB)	61.2	60.9	-2.7	-2.7
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	7.3	5.6	28.5	20.9
Freq. (MHz)	3.3	3.3	228.0	245.0
Limit (dB)	58.4	58.4	-3.2	-5.2

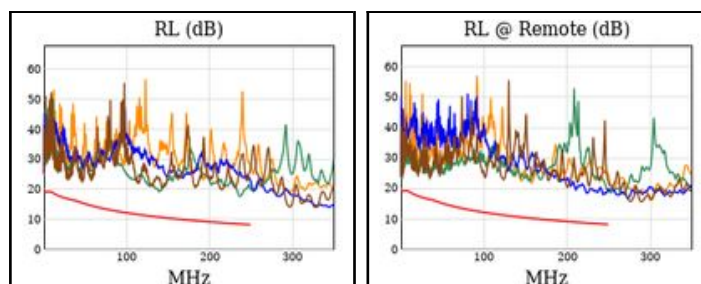
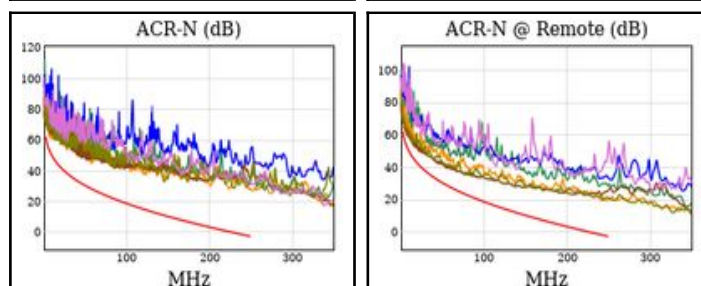
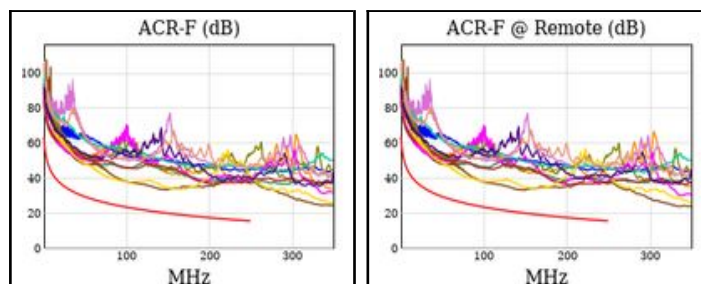
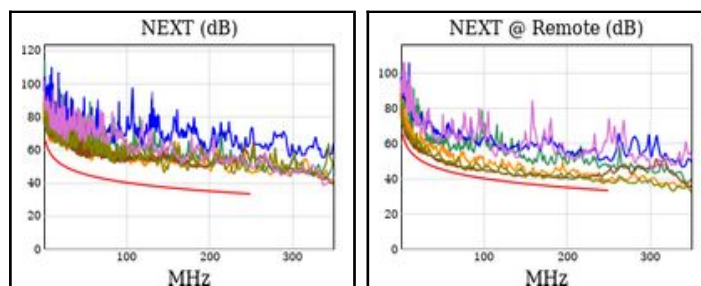
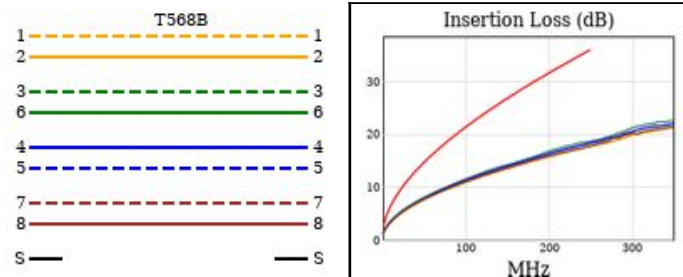
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	3,6	4,5
RL (dB)	6.4	6.5	9.1	9.7
Freq. (MHz)	29.9	21.4	237.0	244.0
Limit (dB)	16.6	17.4	8.3	8.1

Compliant Network Standards:

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



PASS





Cable ID: D15

Date / Time: 11/06/2023 05:41:17 PM Operator: MURAT
 Headroom: 1.3 dB (NEXT) Software Version: V6.9 Build 2
 Test Limit: TIA 1005 Cat 6 Channel Calibration Date:
 Cable Type: Cat 6 U/UTP Main (Module): 10/31/2022
 NVP: 69.0% Remote (Module): 10/31/2022
 Project: SRS - CPSGYPS-2526 - Gypsum CO

Test Summary: PASS

Length (ft), Limit 328	[Pair 7,8]	196
Prop. Delay (ns), Limit 555	[Pair 4,5]	303
Delay Skew (ns), Limit 50	[Pair 4,5]	14
Resistance (ohms)	[Pair 7,8]	18.1
Insertion Loss Margin (dB)	[Pair 4,5]	17.5
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	1,2-4,5	3,6-7,8
NEXT (dB)	3.2	1.3	3.7	2.0
Freq. (MHz)	144.5	138.5	250.0	245.0
Limit (dB)	37.2	37.5	33.1	33.3
Worst Pair	3,6	3,6	1,2	3,6
PS NEXT (dB)	2.8	1.5	4.9	3.0
Freq. (MHz)	5.0	167.0	249.5	245.5
Limit (dB)	59.0	33.2	30.2	30.3

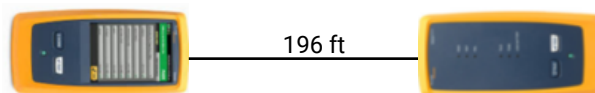
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	4,5-3,6	3,6-4,5
ACR-F (dB)	10.6	10.4	10.8	10.5
Freq. (MHz)	240.0	248.5	249.5	249.5
Limit (dB)	15.7	15.4	15.3	15.3
Worst Pair	3,6	4,5	3,6	4,5
PS ACR-F (dB)	13.2	13.3	13.3	13.3
Freq. (MHz)	248.5	248.0	249.5	248.0
Limit (dB)	12.4	12.4	12.3	12.4

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-7,8	1,2-4,5	3,6-7,8
ACR-N (dB)	6.4	5.0	21.2	19.8
Freq. (MHz)	5.1	4.8	250.0	245.0
Limit (dB)	56.8	57.5	-2.8	-2.3
Worst Pair	3,6	3,6	1,2	3,6
PS ACR-N (dB)	5.0	4.1	23.2	20.7
Freq. (MHz)	5.0	5.0	249.5	245.5
Limit (dB)	54.5	54.5	-5.7	-5.3

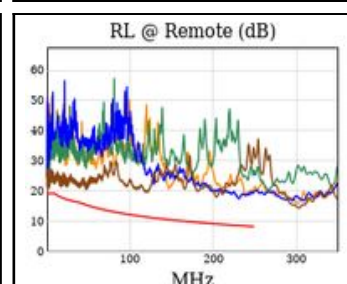
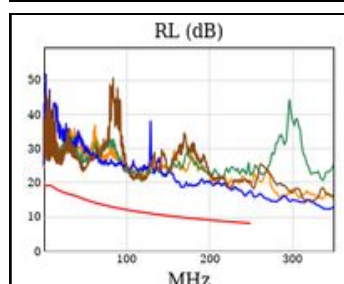
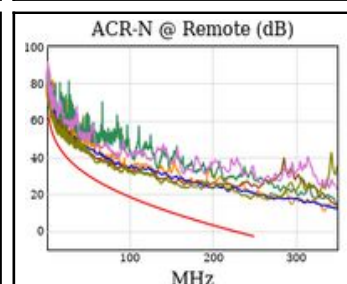
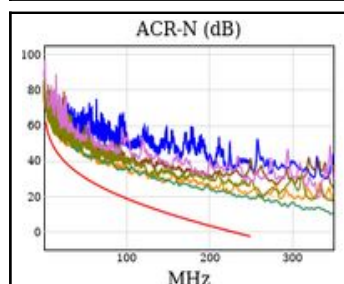
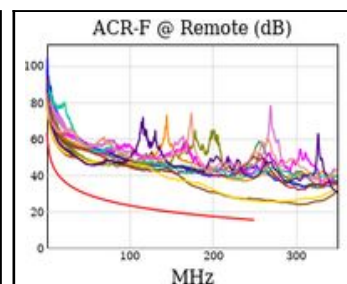
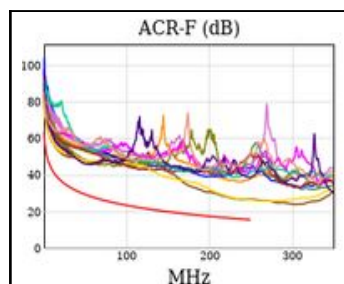
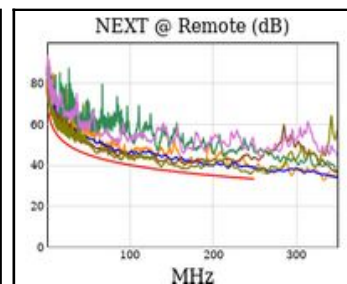
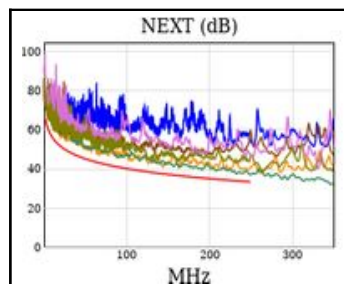
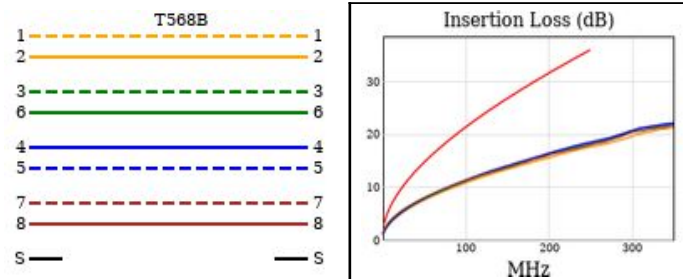
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	4,5	4,5
RL (dB)	7.1	3.2	7.8	8.9
Freq. (MHz)	6.9	9.3	244.0	232.0
Limit (dB)	19.0	19.0	8.1	8.3

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: D16

Test Summary: PASS

Date / Time: 11/06/2023 05:42:17 PM Operator: MURAT
 Headroom: 1.9 dB (NEXT) Software Version: V6.9 Build 2
 Test Limit: TIA 1005 Cat 6 Channel Calibration Date:
 Cable Type: Cat 6 U/UTP Main (Module): 10/31/2022
 NVP: 69.0% Remote (Module): 10/31/2022
 Project: SRS - CPSGYPS-2526 - Gypsum CO

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]	190
Prop. Delay (ns), Limit 555	[Pair 4,5]	293
Delay Skew (ns), Limit 50	[Pair 4,5]	13
Resistance (ohms)	[Pair 7,8]	14.9
Insertion Loss Margin (dB)	[Pair 4,5]	18.1
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	3,6-7,8	1,2-3,6	3,6-7,8	3,6-7,8
NEXT (dB)	1.9	3.6	1.9	4.1
Freq. (MHz)	212.5	87.3	212.5	250.0
Limit (dB)	34.3	40.9	34.3	33.1
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	3.2	3.9	3.7	4.7
Freq. (MHz)	12.5	12.5	222.0	250.0
Limit (dB)	52.4	52.4	31.1	30.2

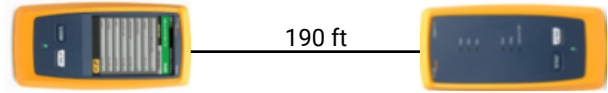
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	4,5-3,6
ACR-F (dB)	11.4	11.4	12.0	12.1
Freq. (MHz)	160.0	163.0	203.5	203.5
Limit (dB)	19.2	19.0	17.1	17.1
Worst Pair	4,5	4,5	4,5	3,6
PS ACR-F (dB)	14.1	13.9	14.4	14.5
Freq. (MHz)	165.0	163.0	203.5	210.5
Limit (dB)	15.9	16.0	14.1	13.8

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	1,2-3,6	3,6-7,8	3,6-7,8
ACR-N (dB)	6.8	7.3	21.5	22.7
Freq. (MHz)	12.5	3.6	247.5	250.0
Limit (dB)	47.9	59.9	-2.5	-2.8
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	5.4	5.9	20.6	23.2
Freq. (MHz)	3.4	3.4	222.0	250.0
Limit (dB)	58.0	58.0	-2.5	-5.8

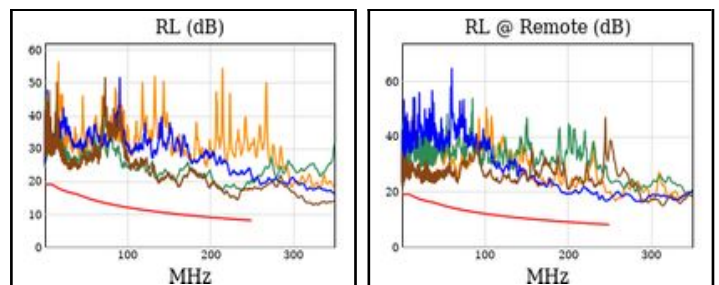
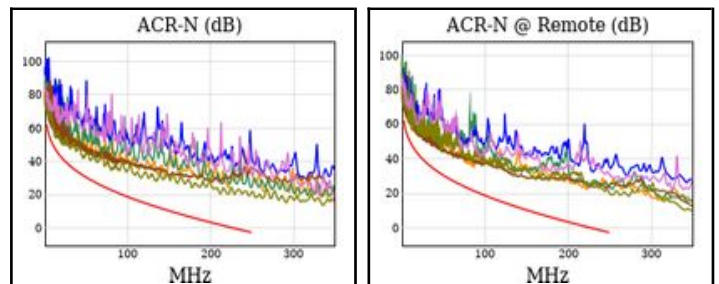
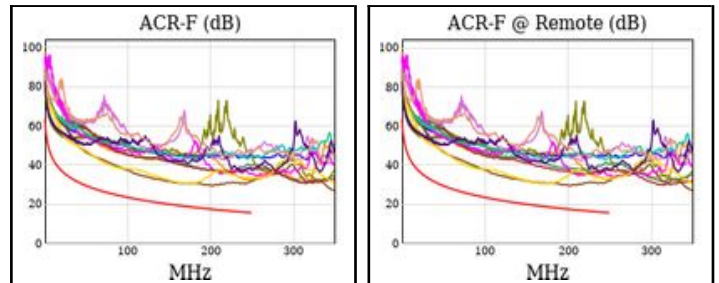
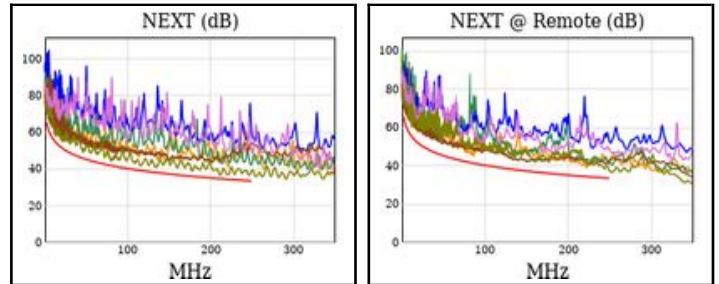
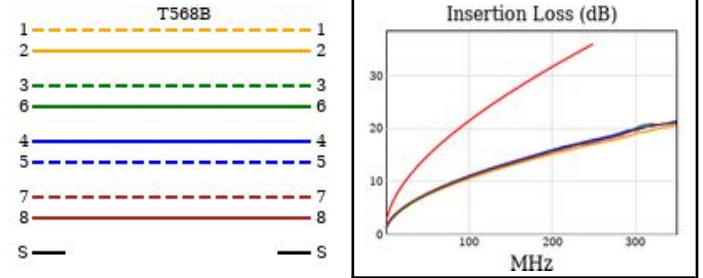
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	7,8	4,5
RL (dB)	6.0	5.3	6.0	8.5
Freq. (MHz)	233.5	9.6	233.5	247.0
Limit (dB)	8.3	19.0	8.3	8.1

Compliant Network Standards:

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



PASS





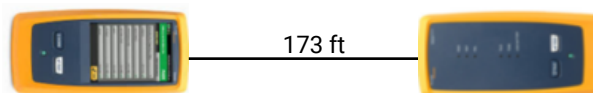
Cable ID: D17

Date / Time: 11/06/2023 05:43:45 PM Operator: MURAT
 Headroom: 2.5 dB (NEXT) Software Version: V6.9 Build 2
 Test Limit: TIA 1005 Cat 6 Channel Calibration Date:
 Cable Type: Cat 6 U/UTP Main (Module): 10/31/2022
 NVP: 69.0% Remote (Module): 10/31/2022
 Project: SRS - CPSGYPS-2526 - Gypsum CO

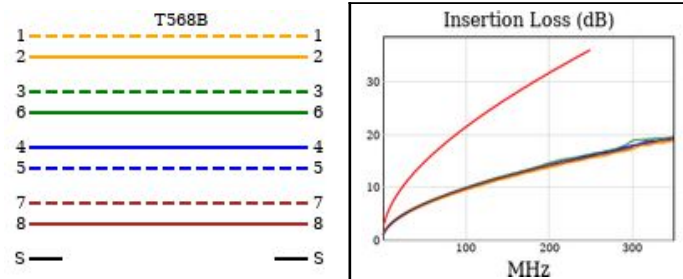
Test Summary: PASS

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]	173
Prop. Delay (ns), Limit 555	[Pair 4,5]	266
Delay Skew (ns), Limit 50	[Pair 4,5]	11
Resistance (ohms)	[Pair 7,8]	13.6
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	1,2-3,6	1,2-3,6	1,2-3,6
NEXT (dB)	2.9	2.5	7.5	4.2
Freq. (MHz)	6.0	6.0	249.5	237.5
Limit (dB)	60.2	60.2	33.1	33.5
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	2.4	2.2	7.6	3.0
Freq. (MHz)	5.9	62.5	245.0	237.5
Limit (dB)	57.8	40.6	30.3	30.5

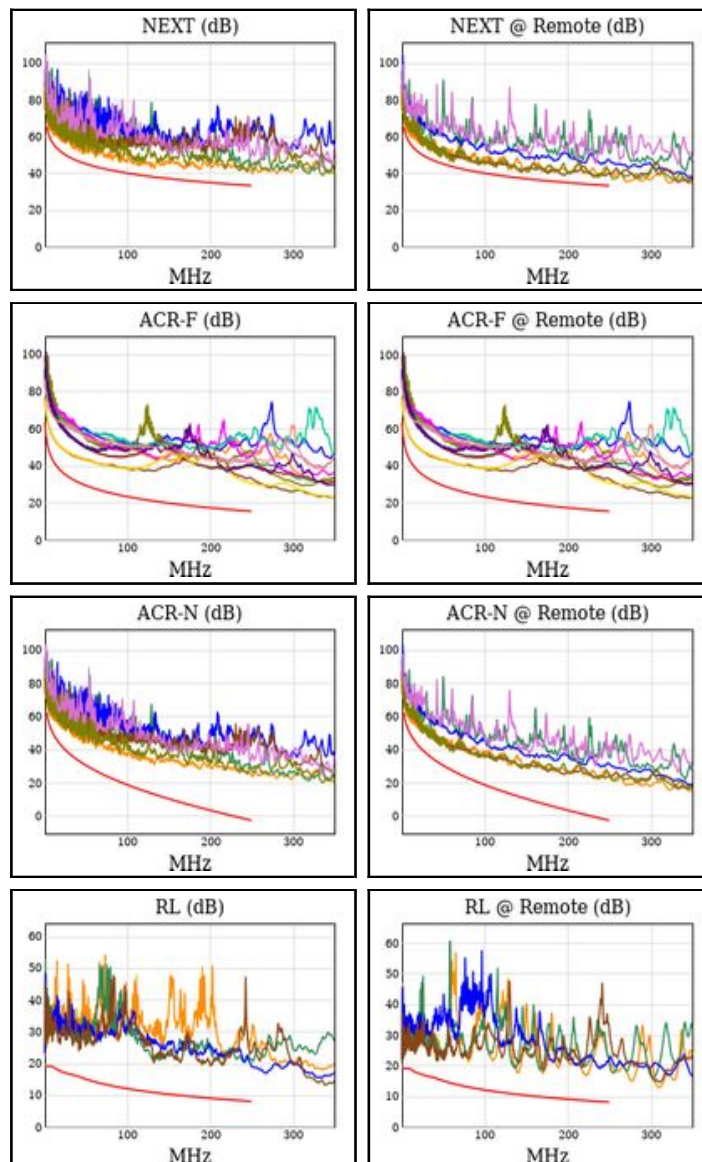
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	4,5-3,6	3,6-4,5
ACR-F (dB)	12.3	12.3	15.1	15.4
Freq. (MHz)	16.4	20.4	249.5	249.5
Limit (dB)	39.0	37.1	15.3	15.3
Worst Pair	4,5	3,6	3,6	4,5
PS ACR-F (dB)	14.9	15.0	17.6	17.6
Freq. (MHz)	16.4	20.4	250.0	249.5
Limit (dB)	36.0	34.1	12.3	12.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-N (dB)	5.5	5.1	27.2	23.3
Freq. (MHz)	6.0	6.0	249.5	237.5
Limit (dB)	55.3	55.3	-2.8	-1.4
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	5.0	4.6	27.1	22.0
Freq. (MHz)	5.9	3.6	245.0	237.5
Limit (dB)	53.0	57.4	-5.2	-4.3

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	4,5	1,2
RL (dB)	7.8	5.8	10.9	8.2
Freq. (MHz)	10.0	42.3	250.0	223.0
Limit (dB)	19.0	15.7	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: D18

Date / Time: 11/06/2023 05:44:45 PM Operator: MURAT
 Headroom: 2.5 dB (NEXT) Software Version: V6.9 Build 2
 Test Limit: TIA 1005 Cat 6 Channel Calibration Date:
 Cable Type: Cat 6 U/UTP Main (Module): 10/31/2022
 NVP: 69.0% Remote (Module): 10/31/2022
 Project: SRS - CPSGYPS-2526 - Gypsum CO

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]	11
Resistance (ohms)	[Pair 7,8]	16.0
Insertion Loss Margin (dB)	[Pair 4,5]	20.1
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	3,6-7,8	3,6-4,5	3,6-7,8	1,2-3,6
NEXT (dB)	2.5	2.8	2.8	4.9
Freq. (MHz)	208.5	87.0	241.5	240.0
Limit (dB)	34.5	41.0	33.4	33.4
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	3.3	2.4	5.7	4.5
Freq. (MHz)	20.3	139.5	241.5	244.0
Limit (dB)	48.9	34.6	30.4	30.3

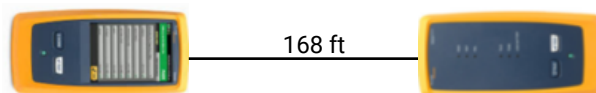
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	3,6-4,5	3,6-4,5	4,5-3,6
ACR-F (dB)	10.8	10.6	11.5	11.5
Freq. (MHz)	164.0	164.0	232.5	232.5
Limit (dB)	19.0	19.0	15.9	15.9
Worst Pair	3,6	4,5	4,5	3,6
PS ACR-F (dB)	13.3	13.2	13.8	14.2
Freq. (MHz)	164.0	164.0	228.5	237.0
Limit (dB)	16.0	16.0	13.1	12.8

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-7,8	1,2-3,6
ACR-N (dB)	7.0	6.8	22.9	24.5
Freq. (MHz)	3.8	3.8	241.5	240.0
Limit (dB)	59.6	59.6	-1.8	-1.7
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	6.2	6.1	25.4	24.3
Freq. (MHz)	3.8	3.8	241.5	244.0
Limit (dB)	57.1	57.1	-4.8	-5.1

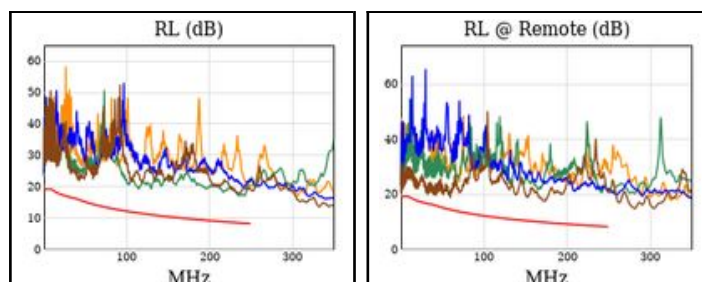
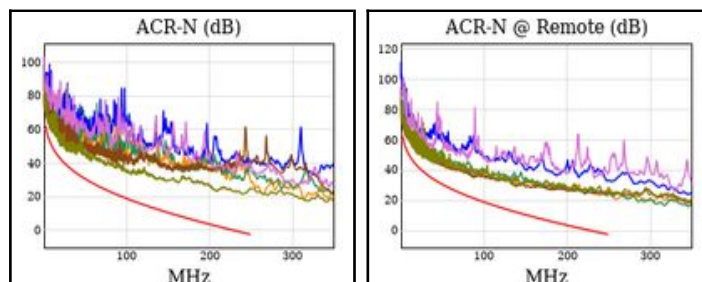
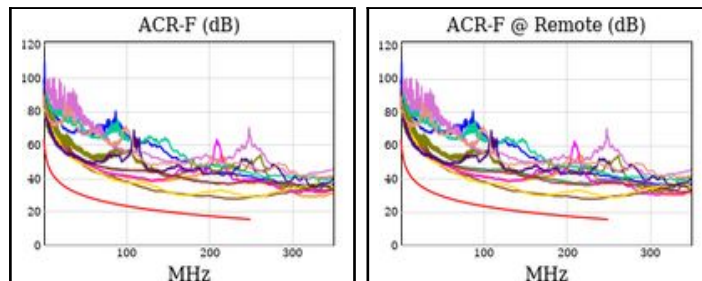
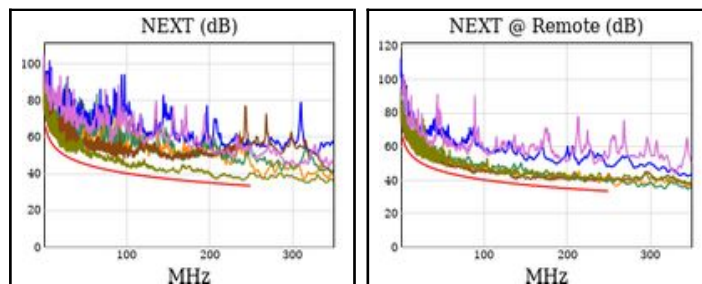
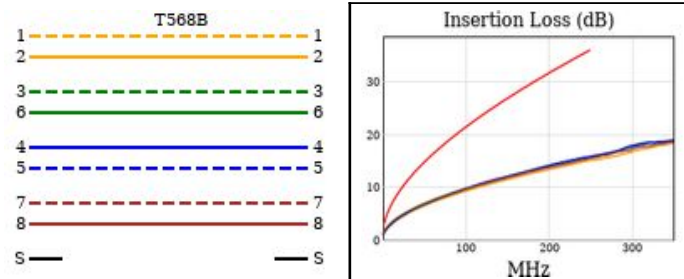
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	3,6	7,8
RL (dB)	6.2	3.3	8.5	7.7
Freq. (MHz)	43.8	33.0	237.0	175.0
Limit (dB)	15.6	16.4	8.3	9.6

Compliant Network Standards:

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



PASS





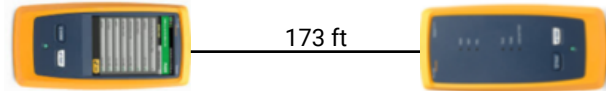
Cable ID: D19

Date / Time: 11/06/2023 05:48:29 PM Operator: MURAT
 Headroom: 2.2 dB (NEXT) Software Version: V6.9 Build 2
 Test Limit: TIA 1005 Cat 6 Channel Calibration Date:
 Cable Type: Cat 6 U/UTP Main (Module): 10/31/2022
 NVP: 69.0% Remote (Module): 10/31/2022
 Project: SRS - CPSGYPS-2526 - Gypsum CO

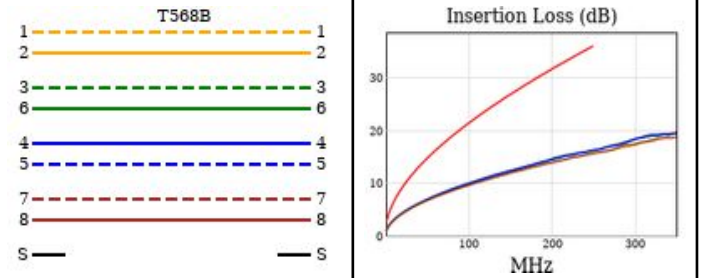
Test Summary: PASS

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]	173
Prop. Delay (ns), Limit 555	[Pair 4,5]	266
Delay Skew (ns), Limit 50	[Pair 4,5]	11
Resistance (ohms)	[Pair 7,8]	9.4
Insertion Loss Margin (dB)	[Pair 4,5]	19.7
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)	4.6	2.2	8.6	2.7
Freq. (MHz)	14.0	46.3	232.5	243.5
Limit (dB)	54.2	45.6	33.7	33.3
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	5.1	2.3	10.4	3.9
Freq. (MHz)	3.9	99.0	232.0	244.0
Limit (dB)	60.8	37.2	30.7	30.3

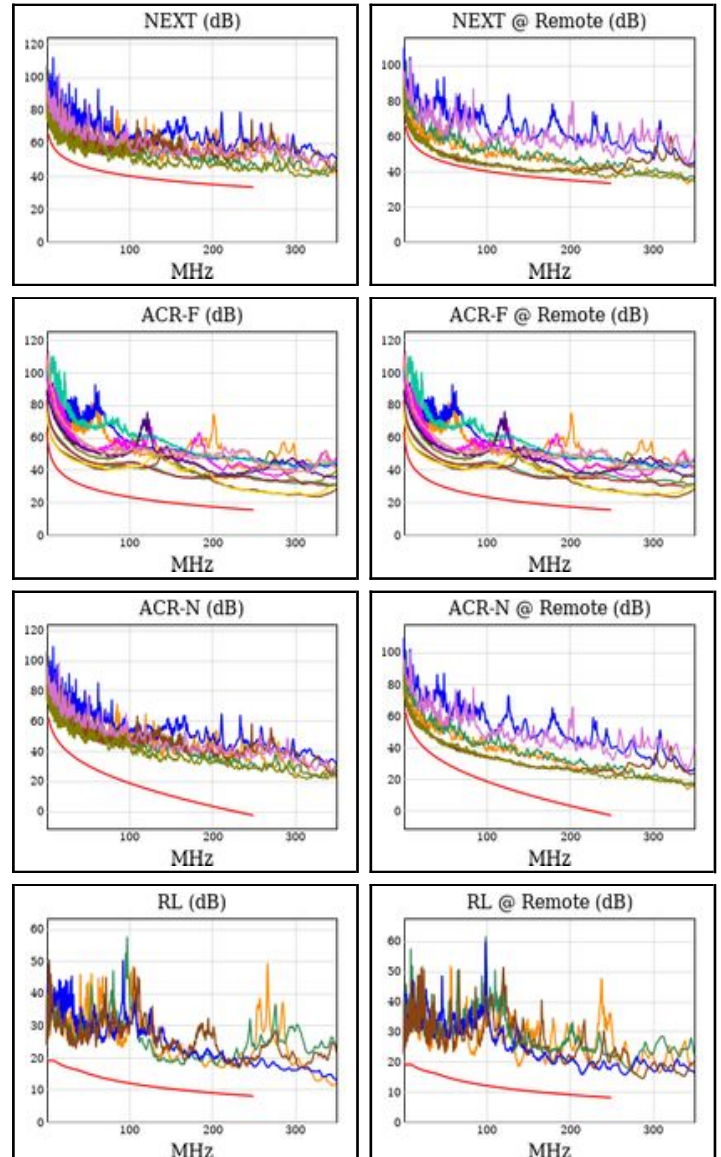
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	3,6-4,5	4,5-3,6	3,6-4,5
ACR-F (dB)	11.2	11.1	11.3	11.2
Freq. (MHz)	248.5	248.5	250.0	250.0
Limit (dB)	15.4	15.4	15.3	15.3
Worst Pair	3,6	4,5	3,6	4,5
PS ACR-F (dB)	13.8	13.3	13.9	13.3
Freq. (MHz)	248.5	250.0	249.5	250.0
Limit (dB)	12.4	12.3	12.3	12.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-7,8	3,6-7,8
ACR-N (dB)	7.6	5.7	29.4	22.7
Freq. (MHz)	3.8	3.8	243.5	243.5
Limit (dB)	59.6	59.6	-2.1	-2.1
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	7.3	6.0	29.1	23.4
Freq. (MHz)	3.9	3.8	232.0	244.0
Limit (dB)	56.8	57.1	-3.7	-5.1

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	7,8	4,5
RL (dB)	6.5	6.8	8.3	6.9
Freq. (MHz)	36.0	32.3	232.0	216.0
Limit (dB)	16.2	16.5	8.3	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: D2

Date / Time: 11/06/2023 05:23:34 PM Operator: MURAT
 Headroom: 1.7 dB (NEXT) Software Version: V6.9 Build 2
 Test Limit: TIA 1005 Cat 6 Channel Calibration Date:
 Cable Type: Cat 6 U/UTP Main (Module): 10/31/2022
 NVP: 69.0% Remote (Module): 10/31/2022
 Project: SRS - CPSGYPS-2526 - Gypsum CO

Test Summary: PASS

Length (ft), Limit 328	[Pair 7,8]	176
Prop. Delay (ns), Limit 555	[Pair 4,5]	269
Delay Skew (ns), Limit 50	[Pair 4,5]	10
Resistance (ohms)	[Pair 3,6]	8.2
Insertion Loss Margin (dB)	[Pair 3,6]	19.6
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-7,8	1,2-4,5	3,6-7,8
NEXT (dB)	4.3	1.7	10.2	3.1
Freq. (MHz)	3.6	129.5	244.5	238.5
Limit (dB)	63.7	38.0	33.3	33.5
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	4.9	2.7	11.5	2.7
Freq. (MHz)	3.6	240.0	233.5	240.0
Limit (dB)	61.2	30.5	30.7	30.5

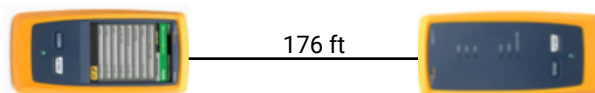
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	3,6-4,5	4,5-3,6
ACR-F (dB)	10.3	10.2	10.4	10.2
Freq. (MHz)	242.5	243.0	243.0	243.0
Limit (dB)	15.6	15.5	15.5	15.5
Worst Pair	4,5	3,6	4,5	3,6
PS ACR-F (dB)	13.0	12.7	13.1	12.8
Freq. (MHz)	242.5	241.5	243.0	243.5
Limit (dB)	12.6	12.6	12.5	12.5

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	1,2-4,5	3,6-7,8
ACR-N (dB)	6.4	5.9	29.8	24.0
Freq. (MHz)	3.6	3.6	244.5	249.5
Limit (dB)	59.9	59.9	-2.2	-2.8
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	7.0	6.0	31.9	21.8
Freq. (MHz)	3.6	3.8	249.5	240.0
Limit (dB)	57.4	57.1	-5.7	-4.6

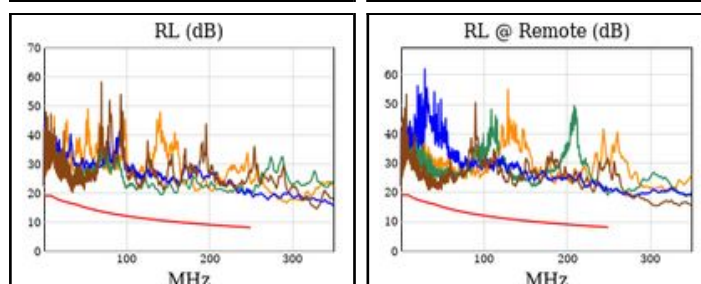
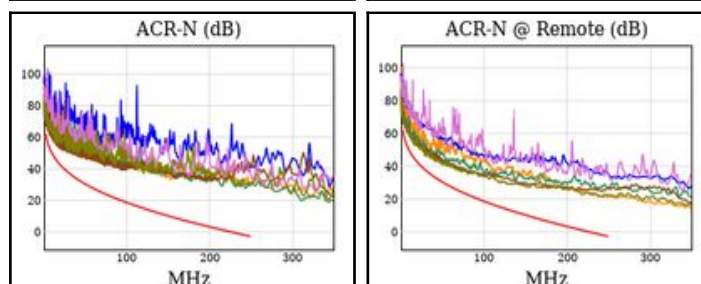
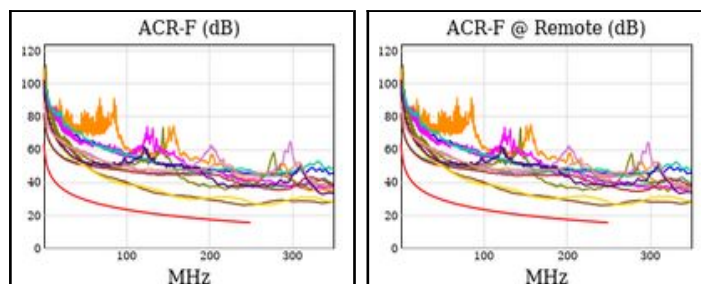
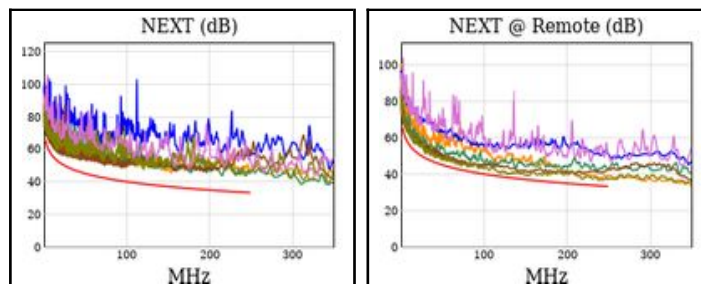
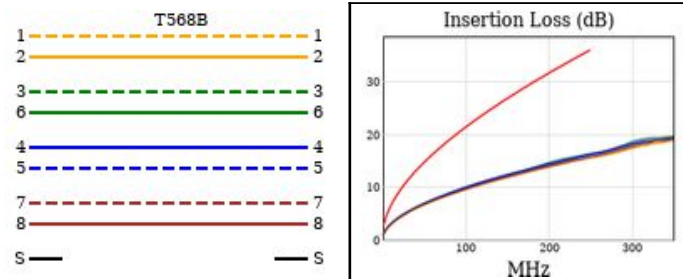
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	3,6	3,6
RL (dB)	3.9	4.2	11.1	10.8
Freq. (MHz)	35.8	35.8	243.5	249.0
Limit (dB)	16.2	16.2	8.1	8.0

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		



PASS





Cable ID: D20

Date / Time: 11/06/2023 05:50:24 PM Operator: MURAT
 Headroom: 1.6 dB (NEXT) Software Version: V6.9 Build 2
 Test Limit: TIA 1005 Cat 6 Channel Calibration Date:
 Cable Type: Cat 6 U/UTP Main (Module): 10/31/2022
 NVP: 69.0% Remote (Module): 10/31/2022
 Project: SRS - CPSGYPS-2526 - Gypsum CO

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]	260
Delay Skew (ns), Limit 50	[Pair 4,5]	12
Resistance (ohms)	[Pair 7,8]	17.5
Insertion Loss Margin (dB)	[Pair 3,6]	20.1
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	3,6-7,8	1,2-3,6	3,6-7,8	1,2-3,6
NEXT (dB)	4.4	1.6	6.7	3.7
Freq. (MHz)	7.8	146.5	249.5	225.5
Limit (dB)	58.4	37.1	33.1	33.9
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	3.6	1.5	7.7	4.3
Freq. (MHz)	7.9	32.8	249.5	250.0
Limit (dB)	55.7	45.4	30.2	30.2

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	4,5-3,6
ACR-F (dB)	11.2	11.1	12.3	12.3
Freq. (MHz)	124.5	168.0	228.0	228.0
Limit (dB)	21.4	18.8	16.1	16.1
Worst Pair	4,5	4,5	4,5	3,6
PS ACR-F (dB)	13.2	13.6	14.8	14.7
Freq. (MHz)	124.5	168.0	228.0	228.5
Limit (dB)	18.4	15.8	13.1	13.1

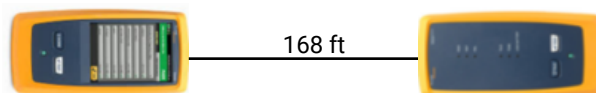
N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-7,8	3,6-7,8	1,2-3,6
ACR-N (dB)	6.6	5.6	27.2	24.8
Freq. (MHz)	3.8	7.6	249.5	250.0
Limit (dB)	59.6	53.0	-2.8	-2.8
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	6.6	5.4	27.9	24.5
Freq. (MHz)	5.8	7.8	249.5	250.0
Limit (dB)	53.2	50.3	-5.7	-5.8

PASS*	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	3,6	7,8
RL (dB)	5.2	1.6*	8.6	6.5
Freq. (MHz)	42.3	8.8	244.0	181.0
Limit (dB)	15.7	19.0	8.1	9.4

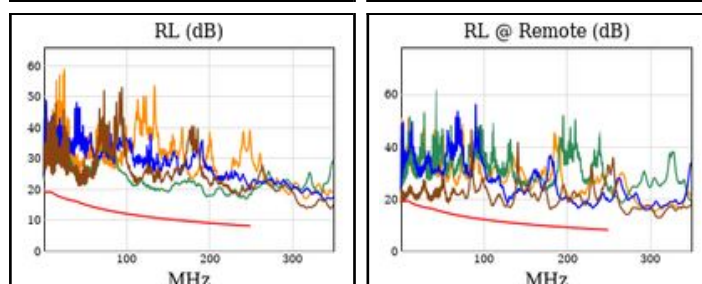
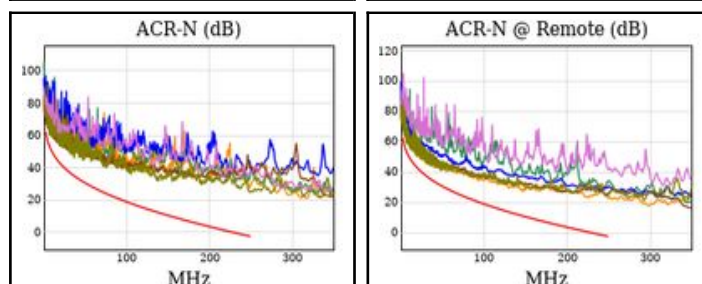
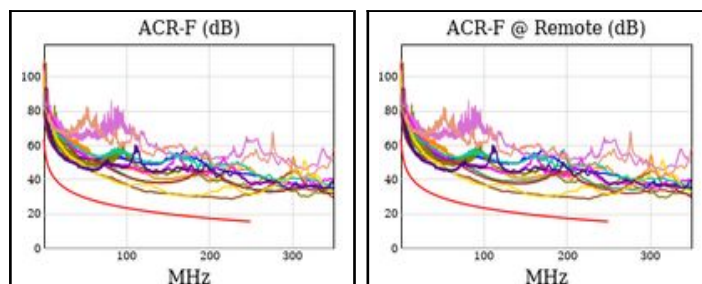
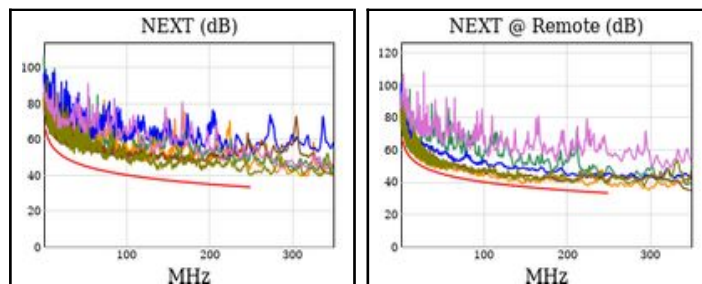
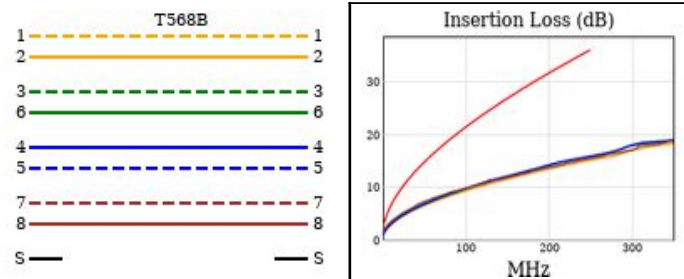
Compliant Network Standards:

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		

* Measurement is within the accuracy limits of the instrument.



PASS





Cable ID: D21

Date / Time: 11/06/2023 07:11:30 PM Operator: MURAT
 Headroom: 2.2 dB (NEXT) Software Version: V6.9 Build 2
 Test Limit: TIA 1005 Cat 6 Channel Calibration Date:
 Cable Type: Cat 6 U/UTP Main (Module): 10/31/2022
 NVP: 69.0% Remote (Module): 10/31/2022
 Project: SRS - CPSGYPS-2526 - Gypsum CO

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]	90
Prop. Delay (ns), Limit 555	[Pair 4,5]	138
Delay Skew (ns), Limit 50	[Pair 4,5]	6
Resistance (ohms)	[Pair 4,5]	4.3
Insertion Loss Margin (dB)	[Pair 3,6]	27.4
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	1,2-3,6	1,2-4,5	1,2-3,6
NEXT (dB)	4.9	2.2	6.8	4.9
Freq. (MHz)	27.8	149.5	247.5	238.0
Limit (dB)	49.3	37.0	33.2	33.5
Worst Pair	3,6	3,6	1,2	3,6
PS NEXT (dB)	4.7	3.5	9.0	4.2
Freq. (MHz)	27.8	149.5	247.0	203.0
Limit (dB)	46.6	34.1	30.2	31.7

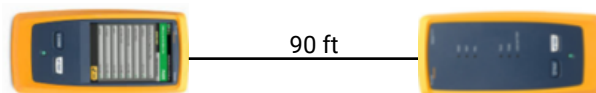
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	4,5-3,6	3,6-4,5
ACR-F (dB)	11.6	11.7	14.7	14.3
Freq. (MHz)	32.3	36.3	206.0	193.0
Limit (dB)	33.1	32.1	17.0	17.5
Worst Pair	4,5	3,6	4,5	3,6
PS ACR-F (dB)	14.1	14.4	17.6	17.2
Freq. (MHz)	32.3	124.5	234.0	230.5
Limit (dB)	30.1	18.4	12.9	13.0

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)	8.4	9.0	34.1	31.4
Freq. (MHz)	3.5	3.4	247.5	238.0
Limit (dB)	60.2	60.5	-2.5	-1.4
Worst Pair	3,6	3,6	1,2	3,6
PS ACR-N (dB)	9.0	9.1	36.6	28.3
Freq. (MHz)	3.5	3.5	247.0	203.0
Limit (dB)	57.7	57.7	-5.4	-0.1

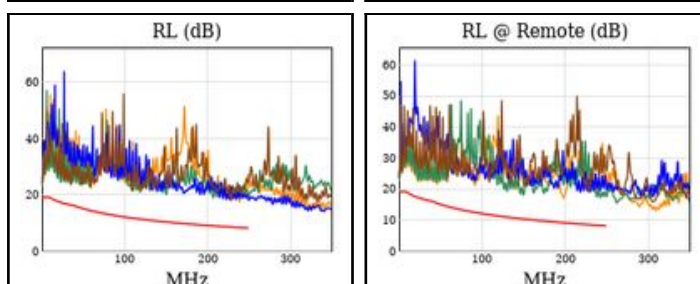
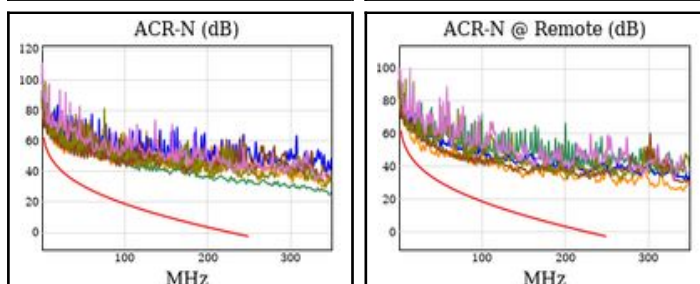
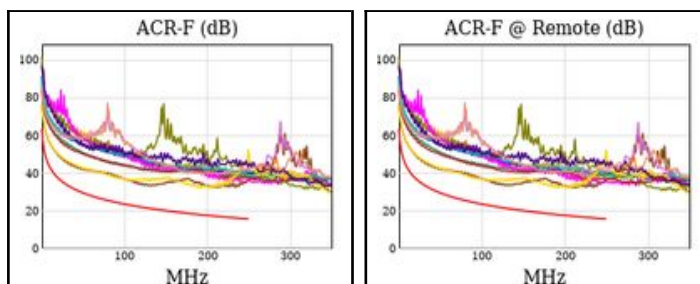
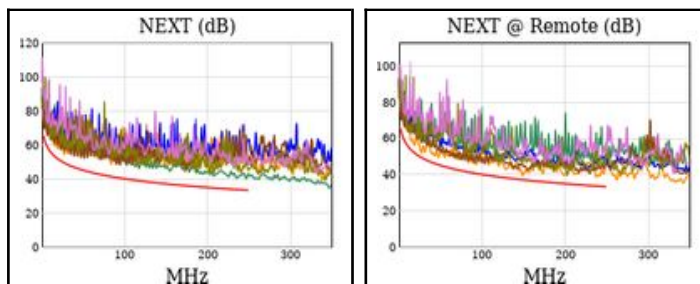
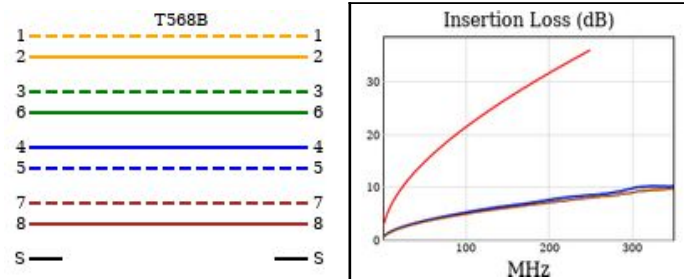
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	1,2	1,2	1,2
RL (dB)	8.0	6.2	9.0	8.0
Freq. (MHz)	59.5	47.3	239.0	199.5
Limit (dB)	14.3	15.3	8.2	9.0

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





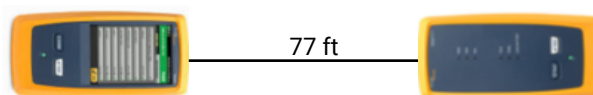
Cable ID: D22

Date / Time: 11/06/2023 06:13:11 PM Operator: MURAT
 Headroom: 0.9 dB (NEXT) Software Version: V6.9 Build 2
 Test Limit: TIA 1005 Cat 6 Channel Calibration Date:
 Cable Type: Cat 6 U/UTP Main (Module): 10/31/2022
 NVP: 69.0% Remote (Module): 10/31/2022
 Project: SRS - CPSGYPS-2526 - Gypsum CO

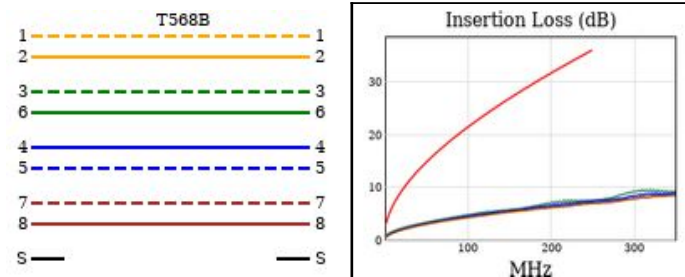
Model: DSX-8000
 Main S/N: 1927404
 Remote S/N: 1927408
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 7,8]	77
Prop. Delay (ns), Limit 555	[Pair 4,5]	119
Delay Skew (ns), Limit 50	[Pair 4,5]	5
Resistance (ohms)	[Pair 3,6]	10.0
Insertion Loss Margin (dB)	[Pair 3,6]	28.4
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	3,6-7,8	1,2-3,6	3,6-7,8	3,6-4,5
NEXT (dB)	1.3	0.9	2.4	4.2
Freq. (MHz)	23.8	90.3	230.5	229.5
Limit (dB)	50.4	40.7	33.7	33.8
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	1.7	1.2	4.5	3.7
Freq. (MHz)	28.1	143.5	229.5	229.5
Limit (dB)	46.5	34.4	30.8	30.8

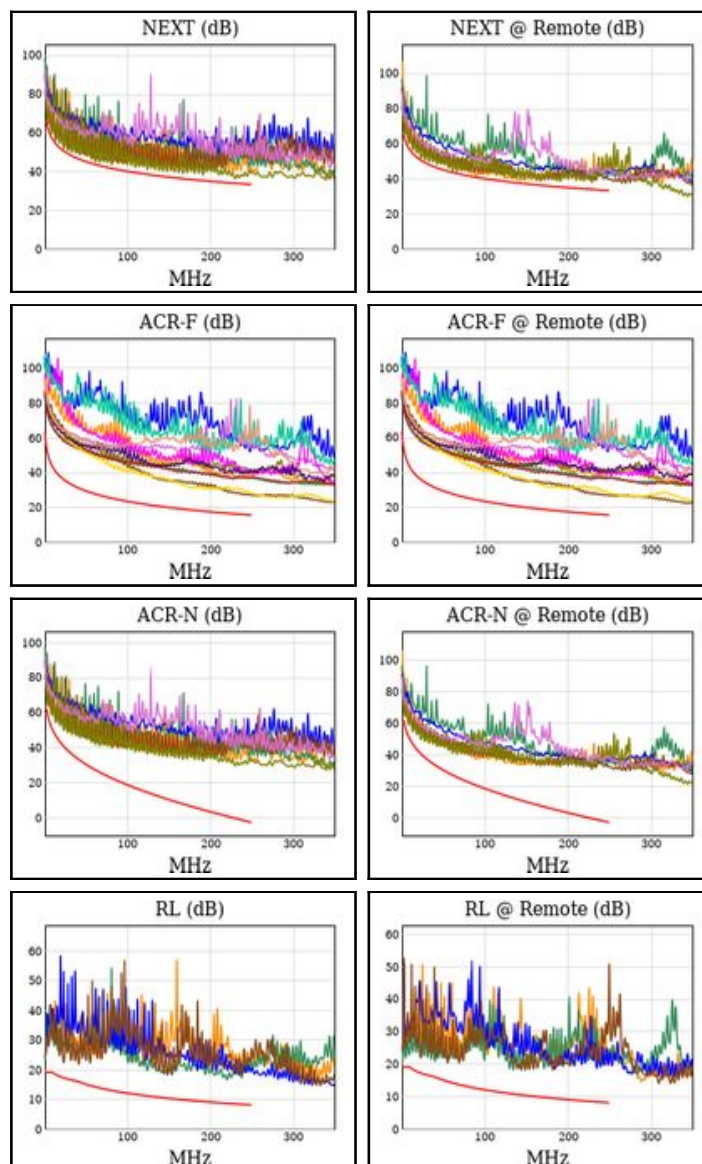
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	3,6-4,5	4,5-3,6
ACR-F (dB)	11.5	11.2	11.5	11.3
Freq. (MHz)	250.0	245.5	250.0	250.0
Limit (dB)	15.3	15.5	15.3	15.3
Worst Pair	4,5	3,6	4,5	3,6
PS ACR-F (dB)	14.0	13.8	14.1	13.9
Freq. (MHz)	248.5	245.5	250.0	250.0
Limit (dB)	12.4	12.5	12.3	12.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	3,6-7,8	3,6-4,5
ACR-N (dB)	5.9	6.6	30.0	31.4
Freq. (MHz)	4.5	4.5	230.5	229.5
Limit (dB)	58.0	58.0	-0.5	-0.4
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	4.8	5.2	31.3	30.5
Freq. (MHz)	4.3	4.4	230.0	229.5
Limit (dB)	56.0	55.7	-3.4	-3.4

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	3,6	3,6	3,6
RL (dB)	7.6	4.9	7.9	7.3
Freq. (MHz)	55.5	40.8	220.5	135.0
Limit (dB)	14.6	15.9	8.6	10.7

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: D23

Date / Time: 11/06/2023 06:14:24 PM Operator: MURAT
 Headroom: 1.1 dB (NEXT) Software Version: V6.9 Build 2
 Test Limit: TIA 1005 Cat 6 Channel Calibration Date:
 Cable Type: Cat 6 U/UTP Main (Module): 10/31/2022
 NVP: 69.0% Remote (Module): 10/31/2022
 Project: SRS - CPSGYPS-2526 - Gypsum CO

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]	67
Prop. Delay (ns), Limit 555	[Pair 4,5]	104
Delay Skew (ns), Limit 50	[Pair 4,5]	5
Resistance (ohms)	[Pair 7,8]	8.4
Insertion Loss Margin (dB)	[Pair 3,6]	29.4
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	3,6-7,8	3,6-7,8	3,6-7,8	3,6-4,5
NEXT (dB)	4.1	1.1	6.5	3.5
Freq. (MHz)	5.5	134.0	234.0	250.0
Limit (dB)	60.8	37.8	33.6	33.1
Worst Pair	3,6	3,6	7,8	3,6
PS NEXT (dB)	3.8	2.3	8.3	2.9
Freq. (MHz)	16.3	216.0	234.0	249.5
Limit (dB)	50.5	31.3	30.7	30.2

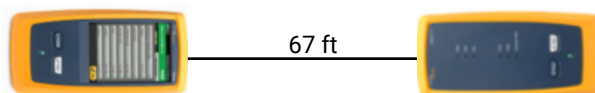
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	3,6-4,5	4,5-3,6
ACR-F (dB)	12.0	12.0	12.7	12.4
Freq. (MHz)	32.3	120.0	228.5	228.5
Limit (dB)	33.1	21.7	16.1	16.1
Worst Pair	4,5	4,5	4,5	3,6
PS ACR-F (dB)	14.3	14.5	15.3	14.8
Freq. (MHz)	125.5	92.8	228.5	223.0
Limit (dB)	18.3	20.9	13.1	13.3

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)	7.5	8.6	35.1	32.9
Freq. (MHz)	4.8	4.3	234.0	250.0
Limit (dB)	57.5	58.5	-1.0	-2.8
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	7.7	8.2	33.9	32.5
Freq. (MHz)	5.0	5.0	210.0	250.0
Limit (dB)	54.5	54.5	-1.0	-5.8

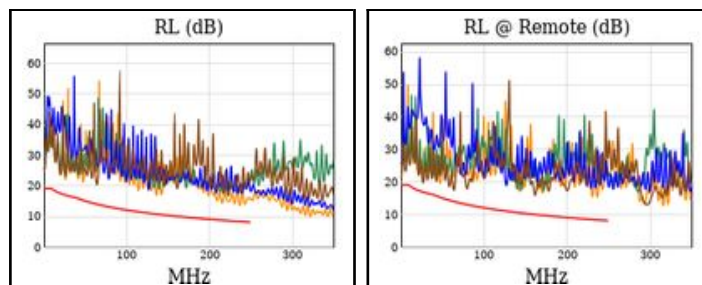
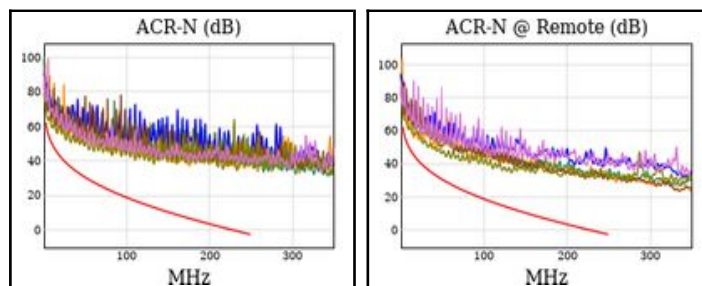
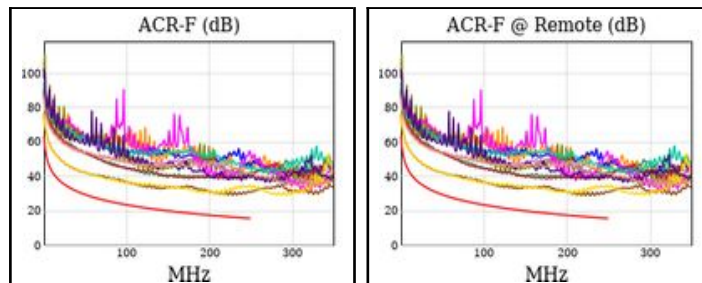
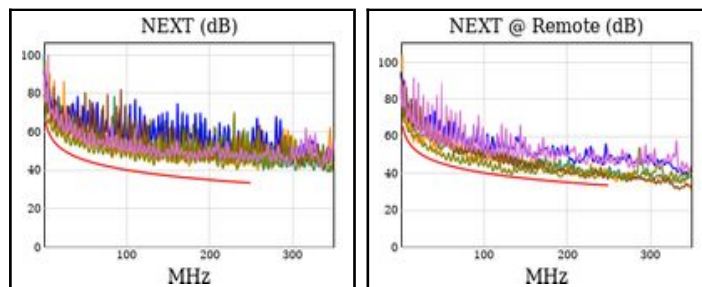
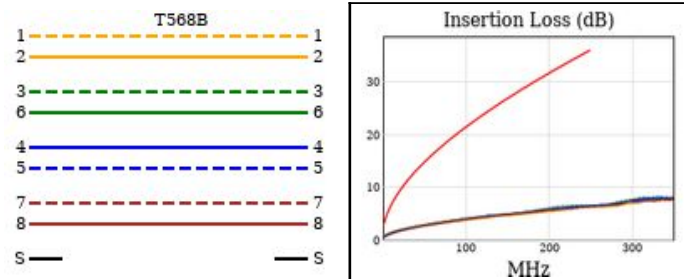
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	7,8	1,2	1,2
RL (dB)	5.1	3.5	5.1	6.9
Freq. (MHz)	237.0	64.8	237.0	237.0
Limit (dB)	8.3	13.9	8.3	8.3

Compliant Network Standards:

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



PASS





Cable ID: D24

Date / Time: 11/06/2023 06:15:38 PM Operator: MURAT
 Headroom: 2.6 dB (NEXT) Software Version: V6.9 Build 2
 Test Limit: TIA 1005 Cat 6 Channel Calibration Date:
 Cable Type: Cat 6 U/UTP Main (Module): 10/31/2022
 NVP: 69.0% Remote (Module): 10/31/2022
 Project: SRS - CPSGYPS-2526 - Gypsum CO

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]	61
Prop. Delay (ns), Limit 555	[Pair 4,5]	95
Delay Skew (ns), Limit 50	[Pair 4,5]	5
Resistance (ohms)	[Pair 7,8]	8.1
Insertion Loss Margin (dB)	[Pair 3,6]	29.5
Frequency (MHz)	[Pair 3,6]	246.5
Limit (dB)	[Pair 3,6]	35.6

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-7,8	1,2-3,6
NEXT (dB)	4.3	2.6	8.0	4.0
Freq. (MHz)	5.5	163.5	245.0	250.0
Limit (dB)	60.8	36.3	33.3	33.1
Worst Pair	3,6	3,6	1,2	3,6
PS NEXT (dB)	5.1	3.1	9.1	3.5
Freq. (MHz)	11.4	149.5	241.5	250.0
Limit (dB)	53.1	34.1	30.4	30.2

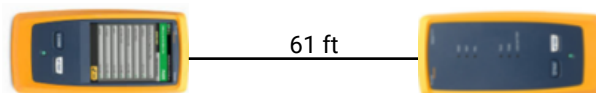
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	3,6-4,5	4,5-3,6
ACR-F (dB)	13.2	13.2	14.4	14.2
Freq. (MHz)	46.3	46.3	240.0	240.0
Limit (dB)	30.0	30.0	15.7	15.7
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	15.6	15.5	16.0	16.0
Freq. (MHz)	203.0	222.0	216.0	240.0
Limit (dB)	14.1	13.3	13.6	12.7

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-7,8	1,2-3,6
ACR-N (dB)	8.2	9.0	37.9	33.9
Freq. (MHz)	5.5	5.4	245.0	250.0
Limit (dB)	56.1	56.3	-2.3	-2.8
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	9.2	9.7	38.8	33.5
Freq. (MHz)	5.0	4.9	246.0	250.0
Limit (dB)	54.5	54.7	-5.3	-5.8

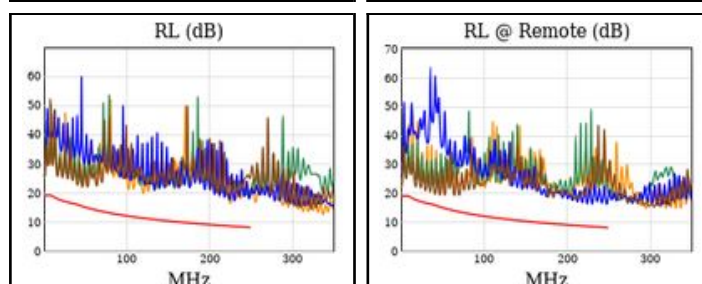
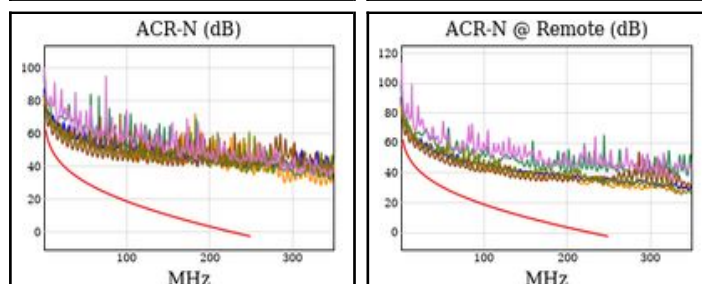
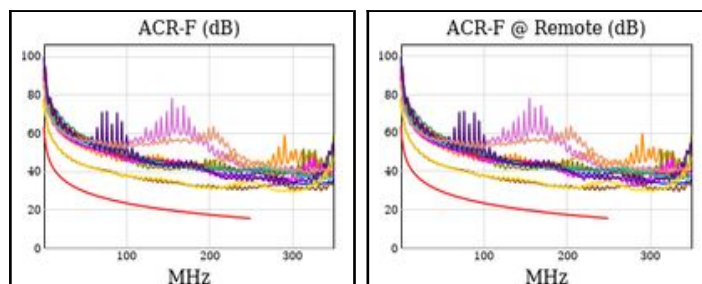
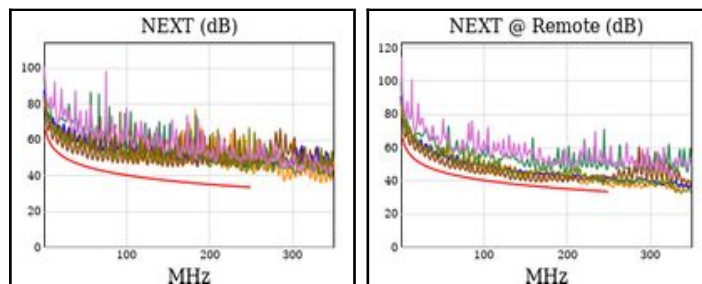
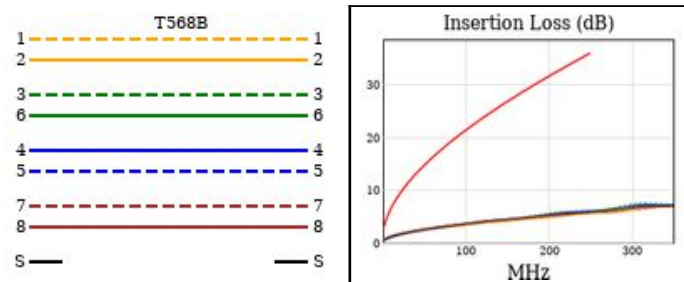
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	7,8	1,2	4,5
RL (dB)	7.8	5.3	7.8	8.1
Freq. (MHz)	226.0	65.0	226.0	248.5
Limit (dB)	8.5	13.9	8.5	8.0

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: D25

Date / Time: 11/06/2023 06:21:32 PM Operator: MURAT
 Headroom: 2 dB (NEXT) Software Version: V6.9 Build 2
 Test Limit: TIA 1005 Cat 6 Channel Calibration Date:
 Cable Type: Cat 6 U/UTP Main (Module): 10/31/2022
 NVP: 69.0% Remote (Module): 10/31/2022
 Project: SRS - CPSGYPS-2526 - Gypsum CO

Test Summary: PASS

Length (ft), Limit 328	[Pair 7,8]	71
Prop. Delay (ns), Limit 555	[Pair 4,5]	110
Delay Skew (ns), Limit 50	[Pair 4,5]	5
Resistance (ohms)	[Pair 3,6]	3.5
Insertion Loss Margin (dB)	[Pair 3,6]	29.0
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	1,2-4,5	1,2-3,6
NEXT (dB)	2.6	2.0	5.1	2.7
Freq. (MHz)	25.1	138.0	223.5	233.5
Limit (dB)	50.0	37.5	34.0	33.6
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	3.6	2.5	6.3	4.2
Freq. (MHz)	35.5	137.0	246.0	235.0
Limit (dB)	44.8	34.7	30.3	30.6

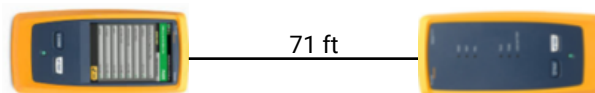
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	3,6-4,5	4,5-3,6
ACR-F (dB)	14.6	14.3	14.6	14.3
Freq. (MHz)	246.5	246.5	246.5	246.5
Limit (dB)	15.4	15.4	15.4	15.4
Worst Pair	4,5	3,6	4,5	3,6
PS ACR-F (dB)	17.1	16.6	17.1	16.7
Freq. (MHz)	246.5	241.5	246.5	247.0
Limit (dB)	12.4	12.6	12.4	12.4

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)	6.4	6.9	33.4	30.4
Freq. (MHz)	4.3	4.8	231.5	233.5
Limit (dB)	58.5	57.5	-0.7	-0.9
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	7.4	7.5	35.0	31.9
Freq. (MHz)	4.6	4.9	246.0	235.0
Limit (dB)	55.2	54.7	-5.3	-4.0

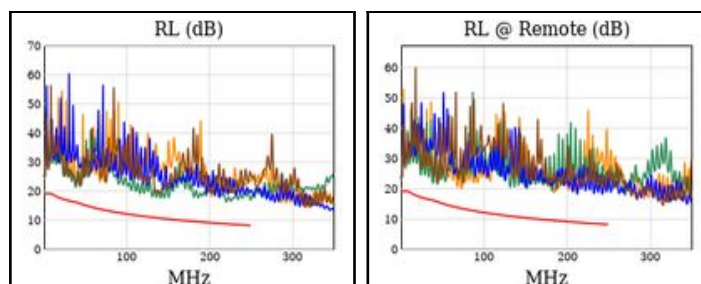
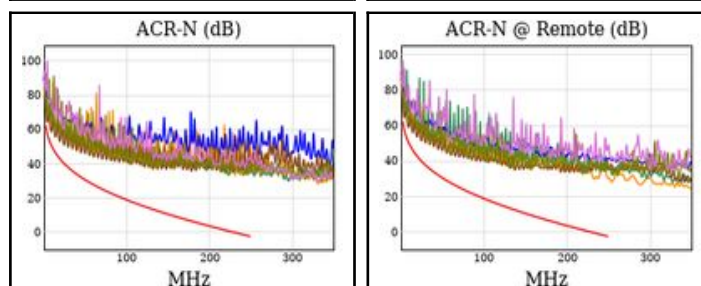
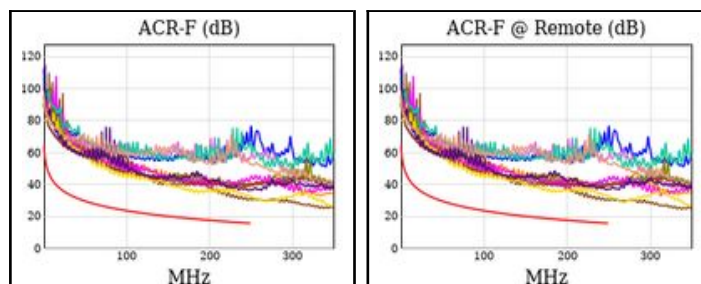
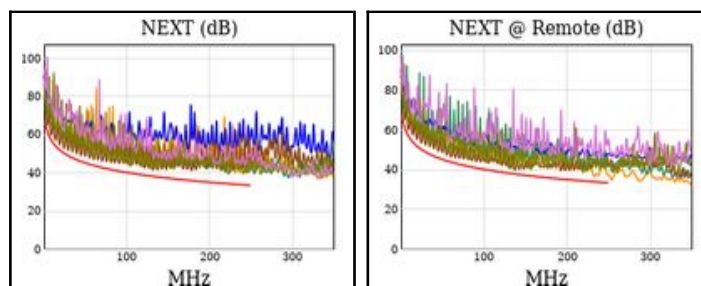
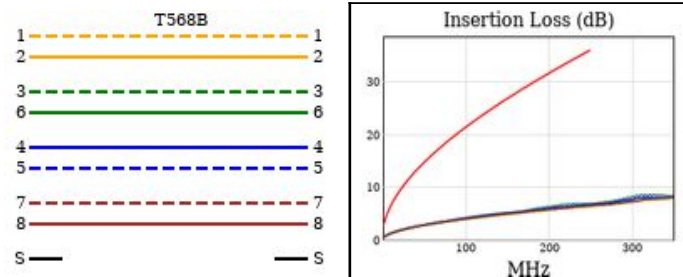
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6	1,2	3,6	4,5
RL (dB)	6.9	6.6	7.5	9.9
Freq. (MHz)	141.5	73.8	221.0	243.0
Limit (dB)	10.5	13.3	8.6	8.1

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: D26

Date / Time: 11/06/2023 06:22:55 PM Operator: MURAT
 Headroom: 1.7 dB (NEXT) Software Version: V6.9 Build 2
 Test Limit: TIA 1005 Cat 6 Channel Calibration Date:
 Cable Type: Cat 6 U/UTP Main (Module): 10/31/2022
 NVP: 69.0% Remote (Module): 10/31/2022
 Project: SRS - CPSGYPS-2526 - Gypsum CO

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]	79
Prop. Delay (ns), Limit 555	[Pair 7,8]	123
Delay Skew (ns), Limit 50	[Pair 7,8]	7
Resistance (ohms)	[Pair 3,6]	4.1
Insertion Loss Margin (dB)	[Pair 3,6]	26.9
Frequency (MHz)	[Pair 3,6]	240.0
Limit (dB)	[Pair 3,6]	35.1

	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)	2.4	1.7	4.4	2.1
Freq. (MHz)	153.0	152.0	241.0	240.0
Limit (dB)	36.8	36.8	33.4	33.4
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	3.8	3.2	6.0	3.2
Freq. (MHz)	129.0	239.5	241.0	239.5
Limit (dB)	35.2	30.5	30.4	30.5

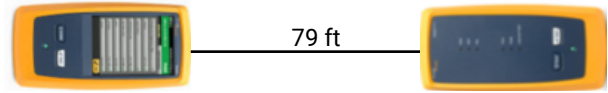
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	7,8-3,6	3,6-7,8	7,8-3,6
ACR-F (dB)	16.2	15.6	16.2	15.6
Freq. (MHz)	202.5	202.5	202.5	202.5
Limit (dB)	17.1	17.1	17.1	17.1
Worst Pair	7,8	3,6	3,6	3,6
PS ACR-F (dB)	18.2	17.8	18.7	17.8
Freq. (MHz)	202.5	207.5	233.5	207.5
Limit (dB)	14.1	13.9	12.9	13.9

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)	6.8	6.7	31.7	29.4
Freq. (MHz)	4.4	4.3	241.0	240.0
Limit (dB)	58.2	58.5	-1.8	-1.7
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	8.5	8.4	33.0	30.2
Freq. (MHz)	4.4	4.3	241.0	240.0
Limit (dB)	55.7	56.0	-4.7	-4.6

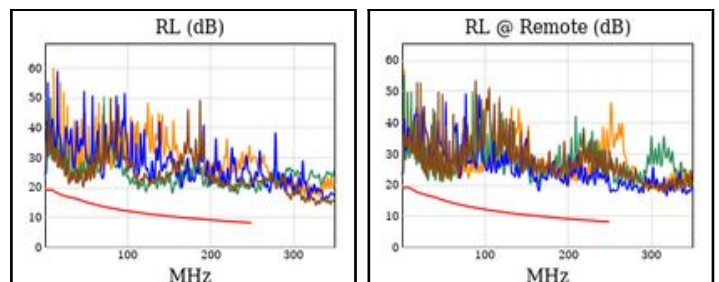
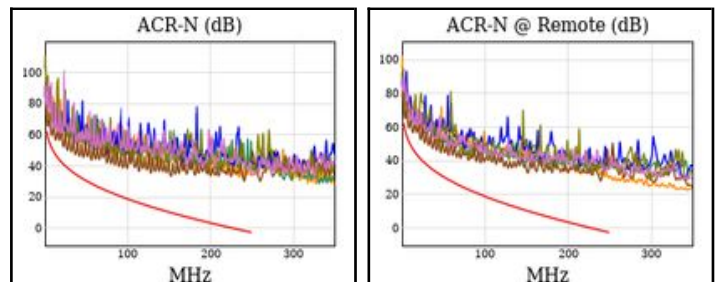
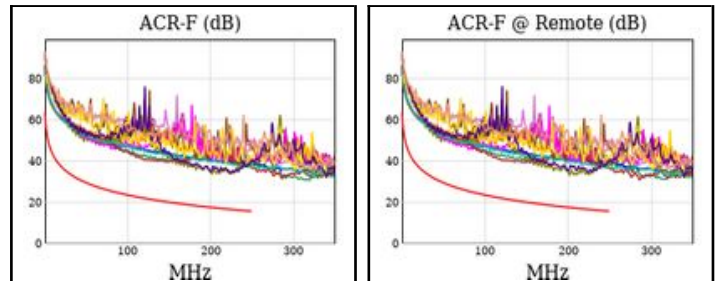
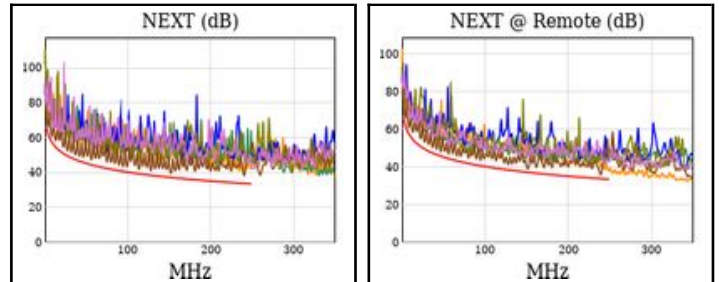
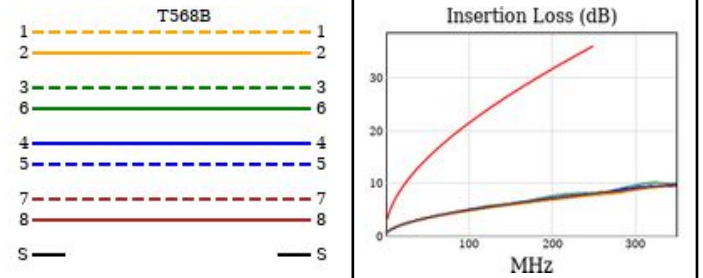
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	3,6	3,6	4,5
RL (dB)	4.7	5.5	9.3	8.1
Freq. (MHz)	47.0	41.0	233.0	165.5
Limit (dB)	15.3	15.9	8.3	9.8

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: D27

Date / Time: 11/06/2023 06:23:16 PM Operator: MURAT
 Headroom: 1.7 dB (NEXT) Software Version: V6.9 Build 2
 Test Limit: TIA 1005 Cat 6 Channel Calibration Date:
 Cable Type: Cat 6 U/UTP Main (Module): 10/31/2022
 NVP: 69.0% Remote (Module): 10/31/2022
 Project: SRS - CPSGYPS-2526 - Gypsum CO

Test Summary: PASS

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

Length (ft), Limit 328	[Pair 3,6]	79
Prop. Delay (ns), Limit 555	[Pair 7,8]	123
Delay Skew (ns), Limit 50	[Pair 7,8]	7
Resistance (ohms)	[Pair 3,6]	4.1
Insertion Loss Margin (dB)	[Pair 3,6]	26.9
Frequency (MHz)	[Pair 3,6]	240.0
Limit (dB)	[Pair 3,6]	35.1

	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)	2.4	1.7	4.4	2.1
Freq. (MHz)	153.0	152.0	241.0	240.0
Limit (dB)	36.8	36.8	33.4	33.4
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	3.8	3.2	5.9	3.2
Freq. (MHz)	114.5	239.5	240.5	239.5
Limit (dB)	36.1	30.5	30.4	30.5

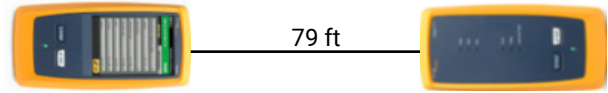
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	7,8-3,6	3,6-7,8	7,8-3,6
ACR-F (dB)	16.2	15.6	16.2	15.6
Freq. (MHz)	202.5	202.5	202.5	202.5
Limit (dB)	17.1	17.1	17.1	17.1
Worst Pair	7,8	3,6	3,6	3,6
PS ACR-F (dB)	18.2	17.8	18.7	17.8
Freq. (MHz)	202.5	207.5	233.5	207.5
Limit (dB)	14.1	13.9	12.9	13.9

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)	6.7	6.8	31.7	29.4
Freq. (MHz)	4.3	4.4	241.0	240.0
Limit (dB)	58.5	58.2	-1.8	-1.7
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	8.4	8.5	32.9	30.2
Freq. (MHz)	4.3	4.4	240.5	240.0
Limit (dB)	56.0	55.7	-4.7	-4.6

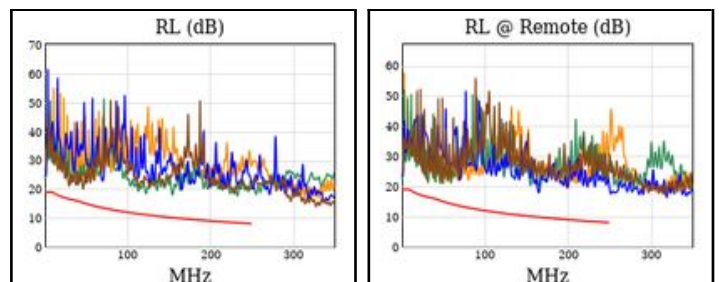
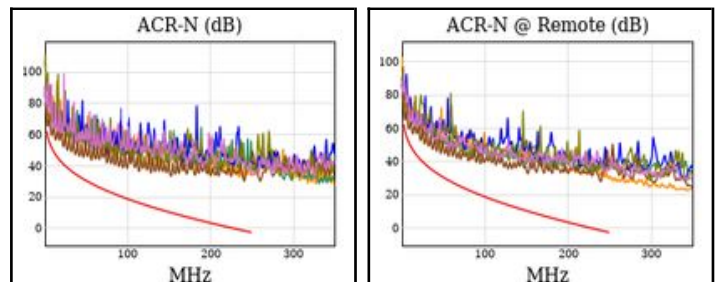
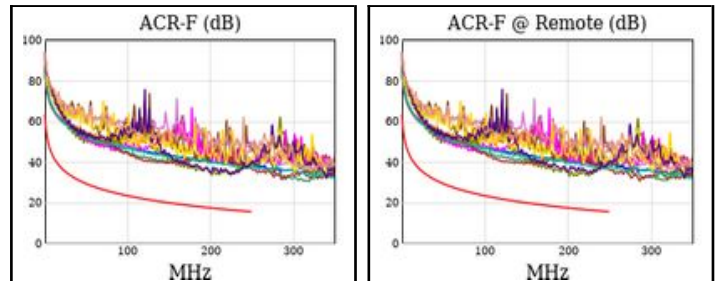
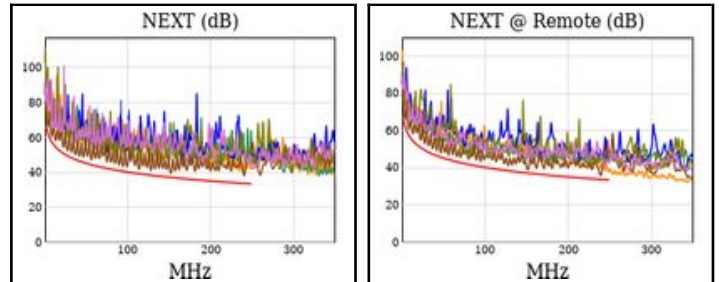
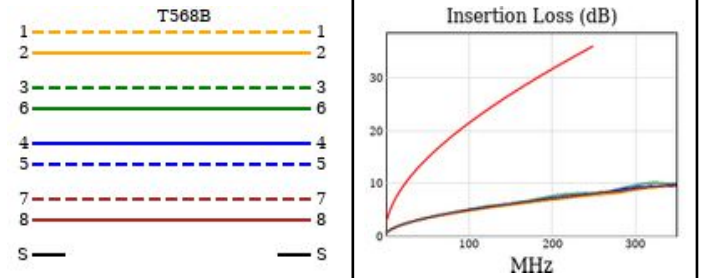
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	3,6	3,6	4,5
RL (dB)	4.8	5.6	9.3	8.1
Freq. (MHz)	47.3	41.3	233.0	165.5
Limit (dB)	15.3	15.8	8.3	9.8

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: D28

Test Summary: PASS

Date / Time: 11/06/2023 06:24:47 PM Operator: MURAT
 Headroom: 4 dB (NEXT) Software Version: V6.9 Build 2
 Test Limit: TIA 1005 Cat 6 Channel Calibration Date:
 Cable Type: Cat 6 U/UTP Main (Module): 10/31/2022
 NVP: 69.0% Remote (Module): 10/31/2022
 Project: SRS - CPSPGYP-2526 - Gypsum CO

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]	73
Prop. Delay (ns), Limit 555	[Pair 4,5]	113
Delay Skew (ns), Limit 50	[Pair 4,5]	5
Resistance (ohms)	[Pair 7,8]	4.5
Insertion Loss Margin (dB)	[Pair 3,6]	29.0
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	1,2-3,6	1,2-3,6
NEXT (dB)	4.4	4.0	7.9	5.4
Freq. (MHz)	29.3	93.3	235.0	248.5
Limit (dB)	48.9	40.4	33.6	33.2
Worst Pair	3,6	3,6	1,2	3,6
PS NEXT (dB)	5.9	4.5	9.1	6.5
Freq. (MHz)	29.3	128.0	236.0	248.5
Limit (dB)	46.2	35.2	30.6	30.2

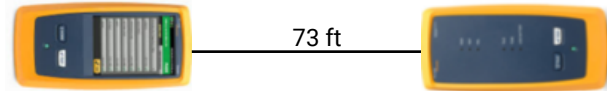
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	3,6-4,5	4,5-3,6
ACR-F (dB)	12.1	12.0	12.1	12.1
Freq. (MHz)	250.0	234.5	250.0	250.0
Limit (dB)	15.3	15.9	15.3	15.3
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	14.6	14.4	14.6	14.4
Freq. (MHz)	250.0	250.0	250.0	250.0
Limit (dB)	12.3	12.3	12.3	12.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	1,2-3,6	1,2-3,6
ACR-N (dB)	7.9	9.4	35.7	34.5
Freq. (MHz)	4.3	4.5	235.0	248.5
Limit (dB)	58.5	58.0	-1.1	-2.7
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	9.3	9.5	35.9	35.5
Freq. (MHz)	4.3	4.3	224.5	248.5
Limit (dB)	56.0	56.0	-2.8	-5.6

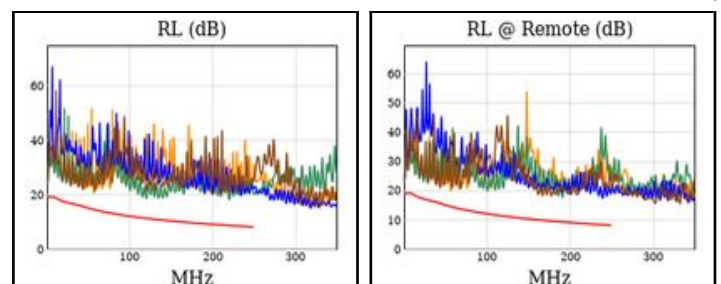
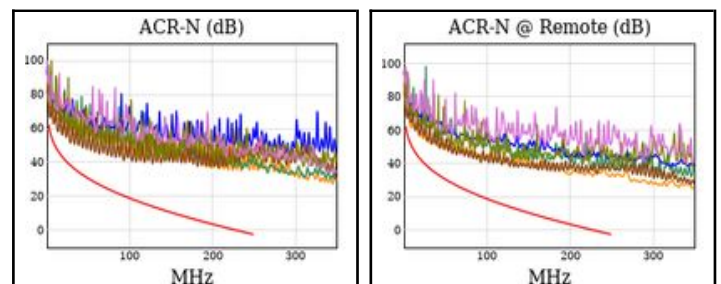
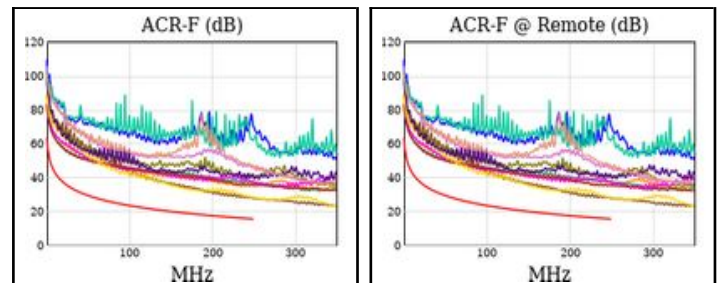
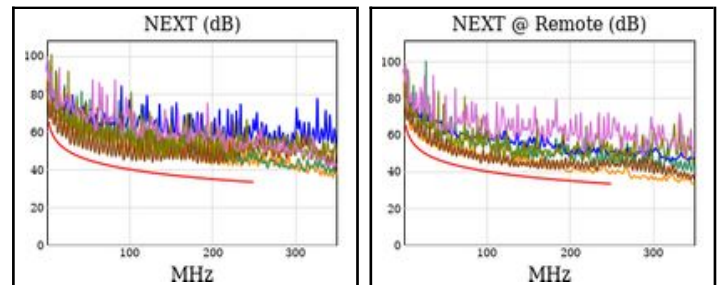
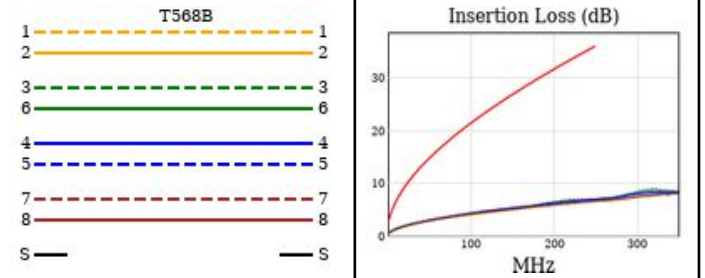
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	1,2	3,6	4,5
RL (dB)	6.0	5.4	9.4	9.1
Freq. (MHz)	57.8	57.8	221.0	240.0
Limit (dB)	14.4	14.4	8.6	8.2

Compliant Network Standards:

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



PASS





Cable ID: D3

Date / Time: 11/06/2023 06:56:38 PM Operator: MURAT
 Headroom: 2.9 dB (NEXT) Software Version: V6.9 Build 2
 Test Limit: TIA 1005 Cat 6 Channel Calibration Date:
 Cable Type: Cat 6 U/UTP Main (Module): 10/31/2022
 NVP: 69.0% Remote (Module): 10/31/2022
 Project: SRS - CPSPGYP-2526 - Gypsum CO

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]	175
Prop. Delay (ns), Limit 555	[Pair 4,5]	269
Delay Skew (ns), Limit 50	[Pair 4,5]	12
Resistance (ohms)	[Pair 7,8]	19.9
Insertion Loss Margin (dB)	[Pair 4,5]	19.4
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	1,2-4,5	1,2-3,6	1,2-4,5	1,2-3,6
NEXT (dB)	2.9	4.3	3.3	4.3
Freq. (MHz)	144.5	228.5	250.0	228.5
Limit (dB)	37.2	33.8	33.1	33.8
Worst Pair	1,2	3,6	1,2	3,6
PS NEXT (dB)	4.4	4.9	5.4	4.9
Freq. (MHz)	143.0	228.5	242.5	228.5
Limit (dB)	34.4	30.8	30.4	30.8

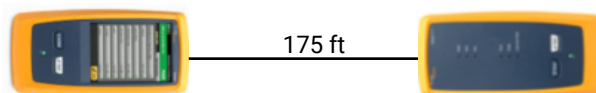
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	3,6-4,5	4,5-3,6	3,6-4,5
ACR-F (dB)	11.8	11.7	11.8	11.7
Freq. (MHz)	249.0	249.5	249.0	249.5
Limit (dB)	15.3	15.3	15.3	15.3
Worst Pair	3,6	4,5	3,6	4,5
PS ACR-F (dB)	14.6	14.3	14.6	14.3
Freq. (MHz)	249.0	249.5	249.0	249.5
Limit (dB)	12.3	12.3	12.3	12.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-7,8	1,2-4,5	1,2-3,6
ACR-N (dB)	8.6	8.9	22.7	24.7
Freq. (MHz)	3.6	3.5	250.0	249.0
Limit (dB)	59.9	60.2	-2.8	-2.7
Worst Pair	3,6	3,6	4,5	3,6
PS ACR-N (dB)	9.5	7.9	25.3	24.8
Freq. (MHz)	3.8	3.6	250.0	243.0
Limit (dB)	57.1	57.4	-5.8	-5.0

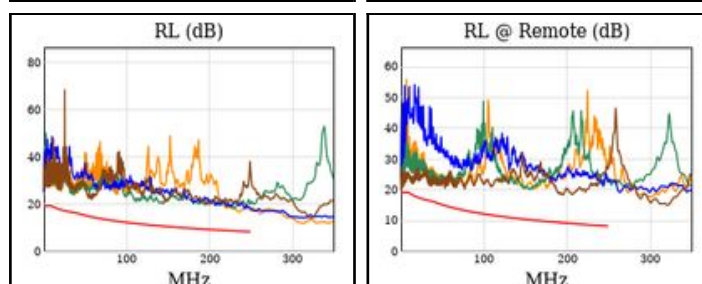
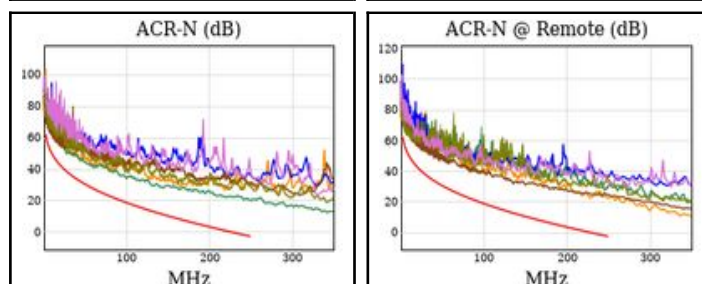
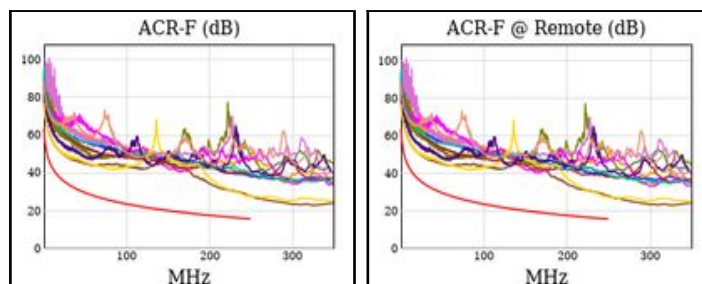
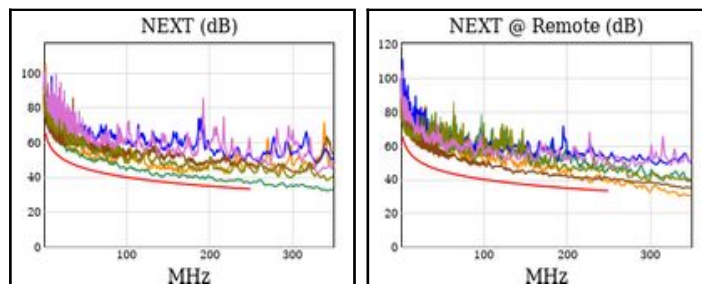
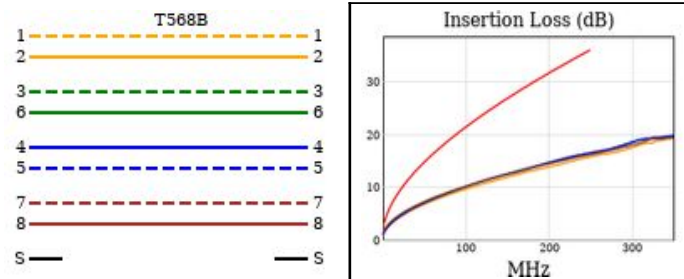
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	7,8	1,2	7,8
RL (dB)	7.2	3.6	8.1	9.0
Freq. (MHz)	37.5	14.1	236.5	196.0
Limit (dB)	16.1	18.3	8.3	9.1

Compliant Network Standards:

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



PASS





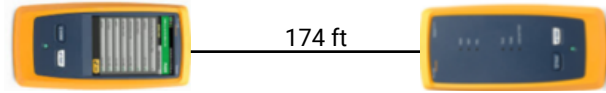
Cable ID: D4

Date / Time: 11/06/2023 05:26:24 PM Operator: MURAT
 Headroom: 1.5 dB (NEXT) Software Version: V6.9 Build 2
 Test Limit: TIA 1005 Cat 6 Channel Calibration Date:
 Cable Type: Cat 6 U/UTP Main (Module): 10/31/2022
 NVP: 69.0% Remote (Module): 10/31/2022
 Project: SRS - CPSGYPS-2526 - Gypsum CO

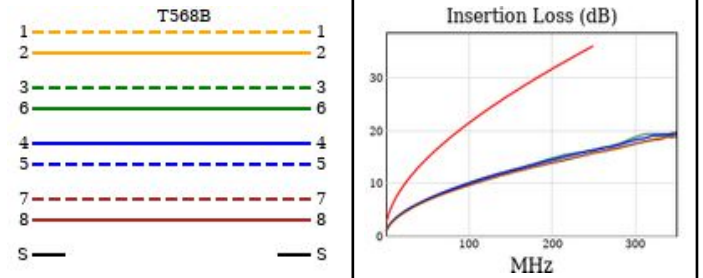
Test Summary: PASS

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]	174
Prop. Delay (ns), Limit 555	[Pair 4,5]	268
Delay Skew (ns), Limit 50	[Pair 4,5]	12
Resistance (ohms)	[Pair 3,6]	8.1
Insertion Loss Margin (dB)	[Pair 3,6]	19.6
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	3,6-7,8	3,6-7,8	3,6-7,8
NEXT (dB)	4.3	1.5	5.5	2.3
Freq. (MHz)	3.8	82.3	237.5	247.5
Limit (dB)	63.5	41.4	33.5	33.2
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	3.6	2.0	6.2	2.7
Freq. (MHz)	3.9	174.5	207.5	247.5
Limit (dB)	60.8	32.9	31.6	30.2

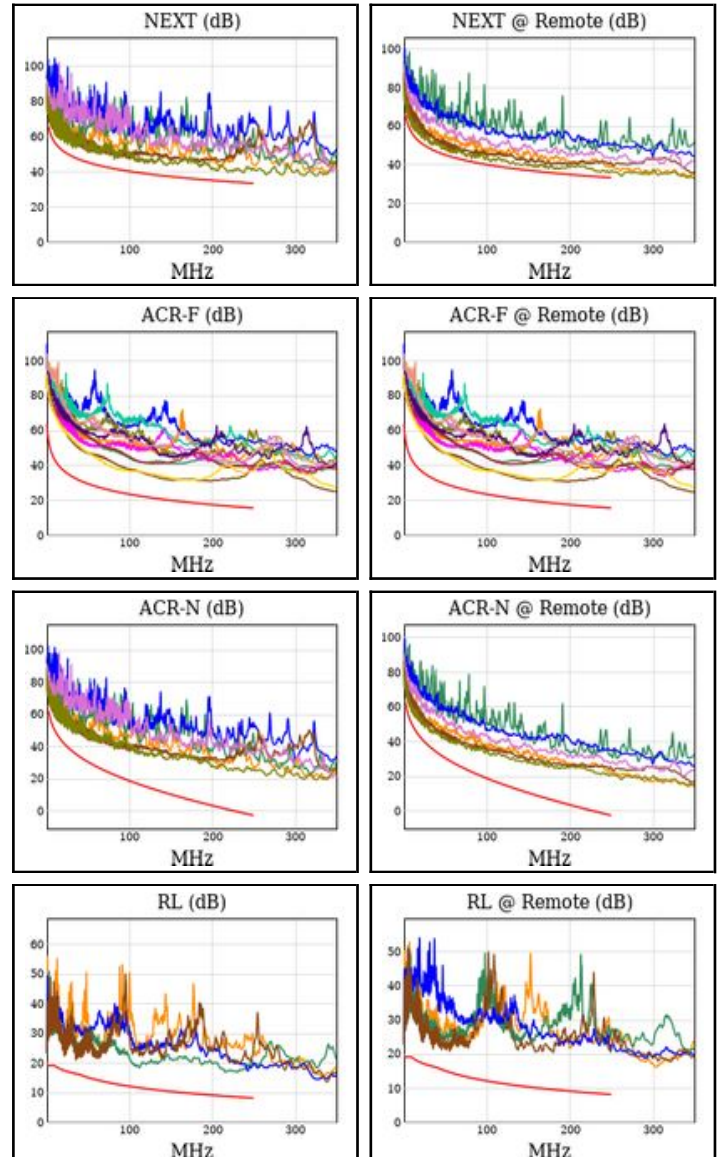
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	3,6-4,5	4,5-3,6
ACR-F (dB)	11.7	11.6	13.2	12.9
Freq. (MHz)	152.0	152.0	196.5	196.5
Limit (dB)	19.6	19.6	17.4	17.4
Worst Pair	4,5	3,6	4,5	3,6
PS ACR-F (dB)	14.2	14.4	15.9	15.7
Freq. (MHz)	152.0	146.0	196.5	198.0
Limit (dB)	16.6	17.0	14.4	14.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-7,8	3,6-7,8
ACR-N (dB)	6.4	5.5	25.2	22.4
Freq. (MHz)	3.8	3.6	237.5	247.5
Limit (dB)	59.6	59.9	-1.4	-2.5
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	5.8	4.7	28.1	22.2
Freq. (MHz)	3.9	3.8	248.0	247.5
Limit (dB)	56.8	57.1	-5.6	-5.5

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	3,6	7,8
RL (dB)	4.6	5.1	8.3	10.9
Freq. (MHz)	35.8	36.0	229.5	180.5
Limit (dB)	16.2	16.2	8.4	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: D5

Date / Time: 11/06/2023 05:27:41 PM Operator: MURAT
 Headroom: 3.4 dB (NEXT) Software Version: V6.9 Build 2
 Test Limit: TIA 1005 Cat 6 Channel Calibration Date:
 Cable Type: Cat 6 U/UTP Main (Module): 10/31/2022
 NVP: 69.0% Remote (Module): 10/31/2022
 Project: SRS - CPSGYPS-2526 - Gypsum CO

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]	185
Prop. Delay (ns), Limit 555	[Pair 4,5]	286
Delay Skew (ns), Limit 50	[Pair 4,5]	14
Resistance (ohms)	[Pair 3,6]	16.8
Insertion Loss Margin (dB)	[Pair 4,5]	18.5
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)	4.1	3.4	6.9	3.4
Freq. (MHz)	18.4	246.5	221.0	246.5
Limit (dB)	52.2	33.2	34.0	33.2
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	4.7	3.6	9.0	3.6
Freq. (MHz)	18.3	246.0	231.5	246.0
Limit (dB)	49.6	30.3	30.7	30.3

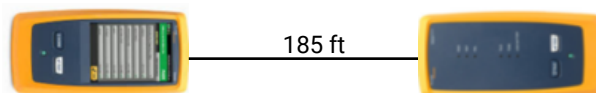
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	3,6-4,5
ACR-F (dB)	12.2	12.3	12.4	12.6
Freq. (MHz)	239.5	242.5	245.5	250.0
Limit (dB)	15.7	15.6	15.5	15.3
Worst Pair	4,5	4,5	4,5	4,5
PS ACR-F (dB)	14.9	14.9	15.1	15.1
Freq. (MHz)	239.5	245.5	245.5	250.0
Limit (dB)	12.7	12.5	12.5	12.3

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)	6.8	6.4	25.5	22.6
Freq. (MHz)	3.4	3.4	232.5	246.5
Limit (dB)	60.5	60.5	-0.8	-2.4
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	7.8	7.4	26.8	22.6
Freq. (MHz)	3.4	5.1	231.5	246.5
Limit (dB)	58.0	54.2	-3.6	-5.4

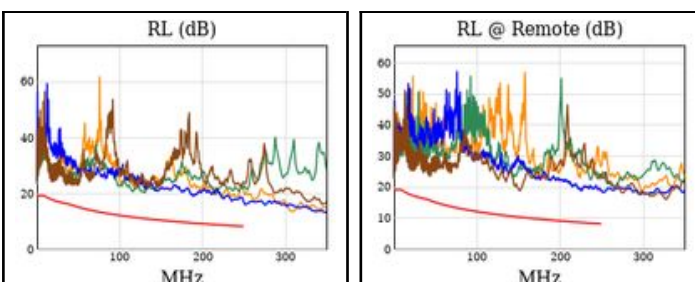
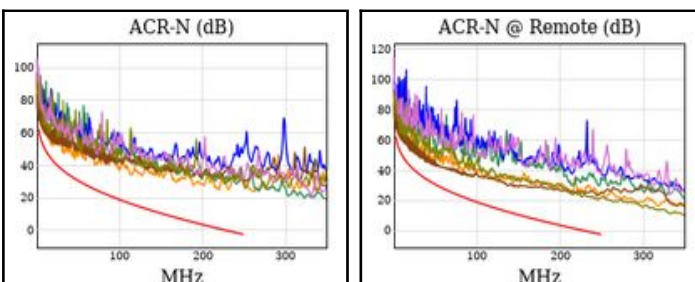
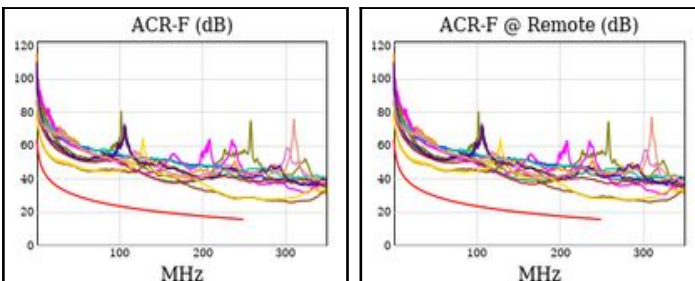
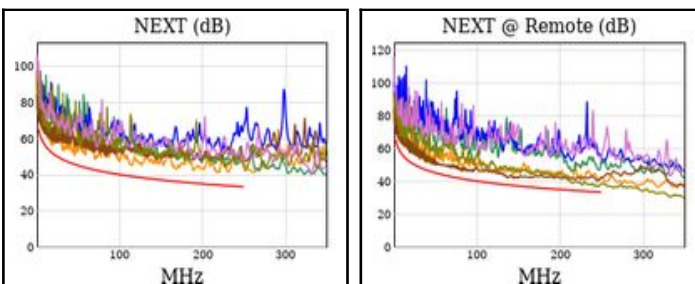
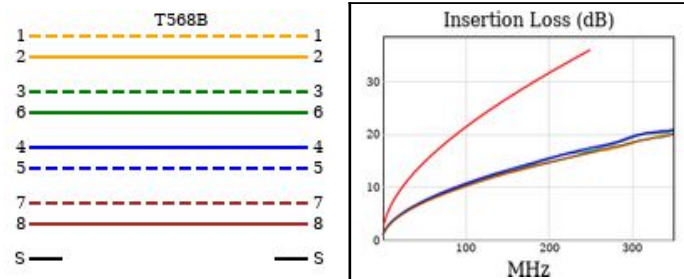
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	4,5	4,5
RL (dB)	6.4	7.7	8.9	10.4
Freq. (MHz)	18.6	43.3	250.0	250.0
Limit (dB)	17.6	15.6	8.0	8.0

Compliant Network Standards:

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



PASS





Cable ID: D6

Date / Time: 11/06/2023 05:32:03 PM Operator: MURAT
 Headroom: 0.9 dB (NEXT) Software Version: V6.9 Build 2
 Test Limit: TIA 1005 Cat 6 Channel Calibration Date:
 Cable Type: Cat 6 U/UTP Main (Module): 10/31/2022
 NVP: 69.0% Remote (Module): 10/31/2022
 Project: SRS - CPSGYPS-2526 - Gypsum CO

Test Summary: PASS

Length (ft), Limit 328	[Pair 7,8]	184
Prop. Delay (ns), Limit 555	[Pair 4,5]	284
Delay Skew (ns), Limit 50	[Pair 4,5]	13
Resistance (ohms)	[Pair 4,5]	8.6
Insertion Loss Margin (dB)	[Pair 4,5]	18.8
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	35.9

Worst Case Margin Worst Case Value

PASS*	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-7,8	1,2-3,6	3,6-7,8
NEXT (dB)	2.5	0.9*	3.8	0.9
Freq. (MHz)	122.5	246.5	235.0	246.5
Limit (dB)	38.4	33.2	33.6	33.2
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	2.4	2.1	3.9	2.1
Freq. (MHz)	11.0	246.5	218.0	246.5
Limit (dB)	53.3	30.3	31.2	30.3

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	4,5-3,6
ACR-F (dB)	10.8	10.8	11.6	11.6
Freq. (MHz)	146.0	158.0	214.0	214.0
Limit (dB)	20.0	19.3	16.6	16.6
Worst Pair	4,5	4,5	4,5	3,6
PS ACR-F (dB)	13.6	13.5	14.4	14.2
Freq. (MHz)	160.0	158.0	214.0	214.0
Limit (dB)	16.2	16.3	13.6	13.6

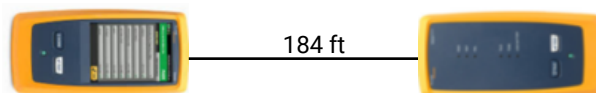
N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	1,2-3,6	3,6-7,8
ACR-N (dB)	5.1	5.3	22.0	20.2
Freq. (MHz)	3.5	3.5	235.0	246.5
Limit (dB)	60.2	60.2	-1.1	-2.4
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	5.0	5.7	22.8	21.0
Freq. (MHz)	3.5	3.5	235.0	246.5
Limit (dB)	57.7	57.7	-4.0	-5.4

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	4,5	7,8
RL (dB)	6.4	8.8	8.7	10.5
Freq. (MHz)	17.0	36.0	232.0	245.0
Limit (dB)	17.8	16.2	8.3	8.1

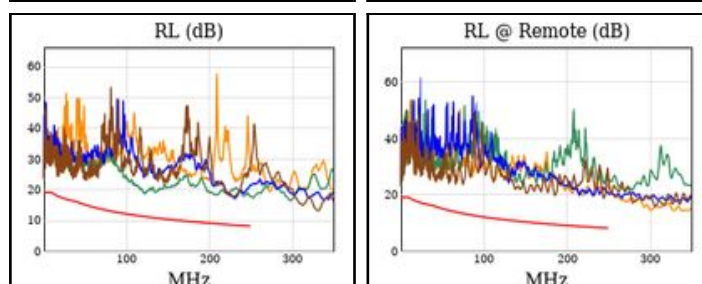
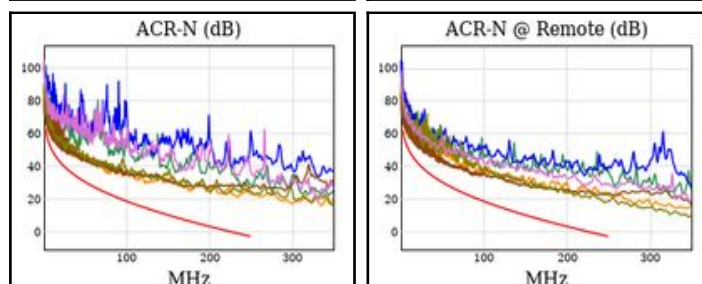
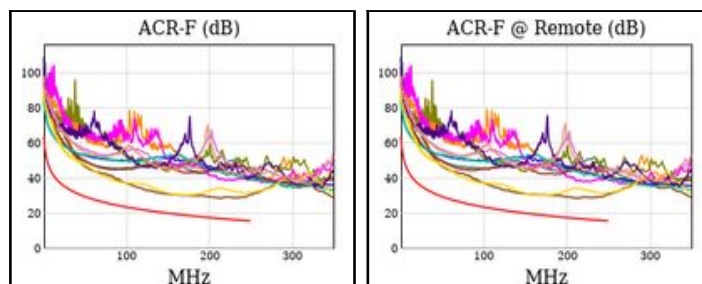
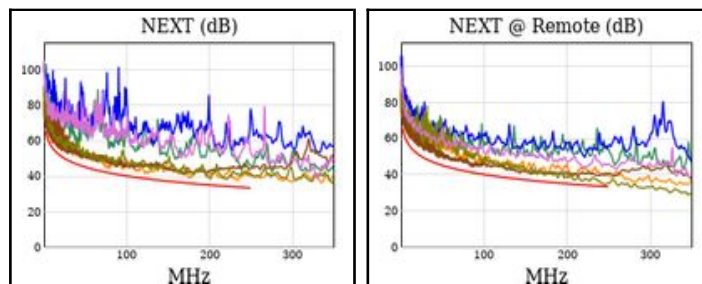
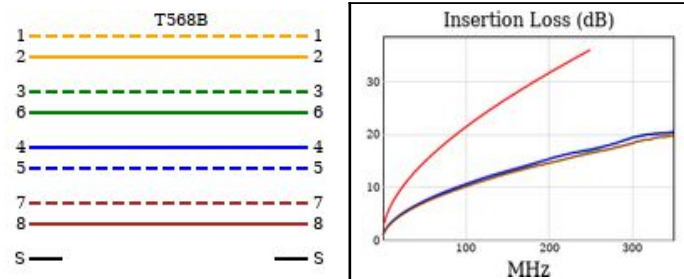
Compliant Network Standards:

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		

* Measurement is within the accuracy limits of the instrument.



PASS





Cable ID: D7

Date / Time: 11/06/2023 05:33:47 PM Operator: MURAT
 Headroom: 4.2 dB (NEXT) Software Version: V6.9 Build 2
 Test Limit: TIA 1005 Cat 6 Channel Calibration Date:
 Cable Type: Cat 6 U/UTP Main (Module): 10/31/2022
 NVP: 69.0% Remote (Module): 10/31/2022
 Project: SRS - CPSGYPS-2526 - Gypsum CO

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]	185
Prop. Delay (ns), Limit 555	[Pair 4,5]	283
Delay Skew (ns), Limit 50	[Pair 4,5]	11
Resistance (ohms)	[Pair 3,6]	8.6
Insertion Loss Margin (dB)	[Pair 4,5]	18.8
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	35.9

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-7,8	1,2-4,5	3,6-7,8
NEXT (dB)	5.1	4.2	10.8	4.5
Freq. (MHz)	3.5	124.5	246.5	243.5
Limit (dB)	64.0	38.3	33.2	33.3
Worst Pair	3,6	3,6	4,5	3,6
PS NEXT (dB)	5.8	4.0	11.8	4.2
Freq. (MHz)	3.5	202.5	246.5	243.5
Limit (dB)	61.5	31.8	30.3	30.4

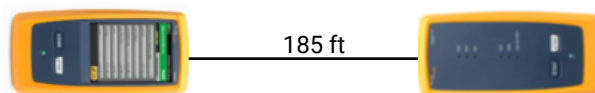
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	4,5-3,6	3,6-4,5
ACR-F (dB)	12.4	12.4	14.7	14.6
Freq. (MHz)	22.9	22.9	250.0	250.0
Limit (dB)	36.1	36.1	15.3	15.3
Worst Pair	3,6	3,6	3,6	4,5
PS ACR-F (dB)	15.3	15.2	16.5	17.0
Freq. (MHz)	9.9	22.9	248.0	250.0
Limit (dB)	40.4	33.1	12.4	12.3

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)	7.1	7.0	29.5	23.4
Freq. (MHz)	3.5	3.4	246.5	241.0
Limit (dB)	60.2	60.5	-2.4	-1.8
Worst Pair	3,6	3,6	4,5	3,6
PS ACR-N (dB)	7.8	7.6	30.6	22.8
Freq. (MHz)	3.5	3.5	246.5	243.5
Limit (dB)	57.7	57.7	-5.4	-5.0

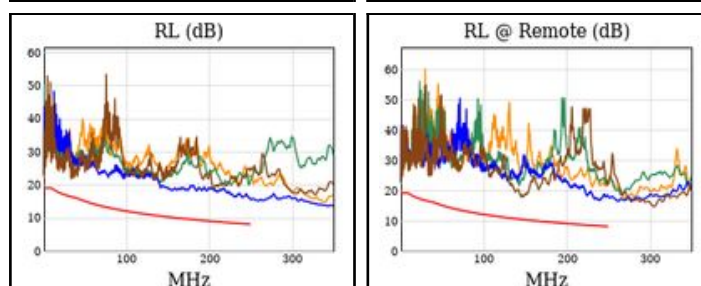
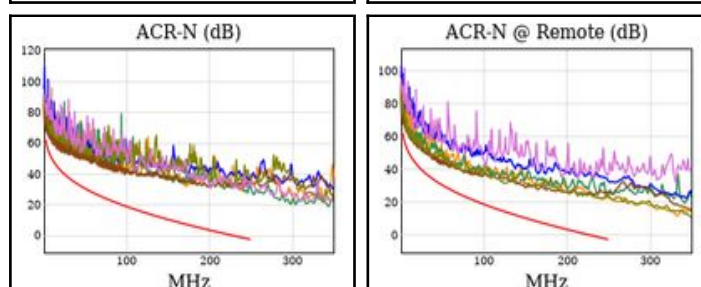
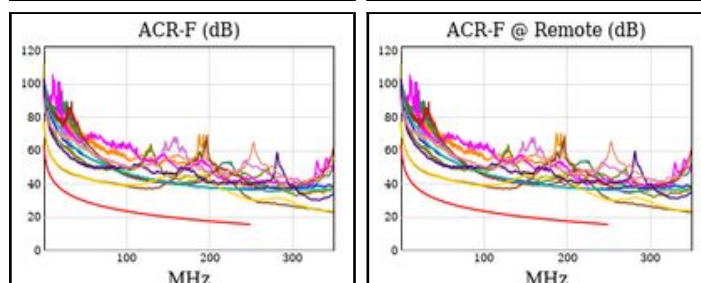
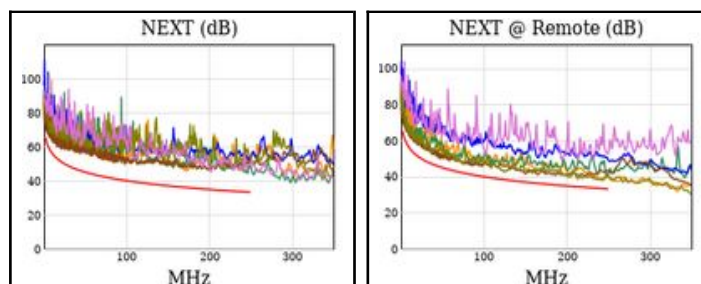
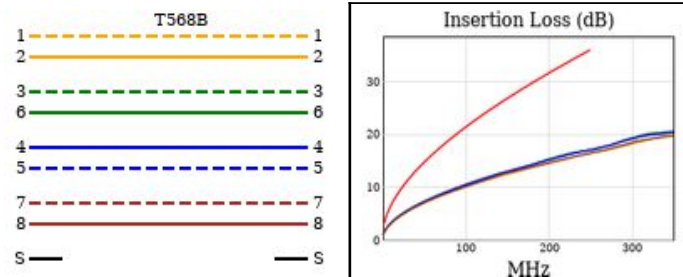
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	4,5	4,5
RL (dB)	5.2	7.2	7.4	8.3
Freq. (MHz)	33.8	145.5	250.0	239.5
Limit (dB)	16.4	10.4	8.0	8.2

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		



PASS





Cable ID: D8

Date / Time: 11/06/2023 05:34:38 PM Operator: MURAT
 Headroom: 2 dB (NEXT) Software Version: V6.9 Build 2
 Test Limit: TIA 1005 Cat 6 Channel Calibration Date:
 Cable Type: Cat 6 U/UTP Main (Module): 10/31/2022
 NVP: 69.0% Remote (Module): 10/31/2022
 Project: SRS - CPSGYPS-2526 - Gypsum CO

Test Summary: PASS

Length (ft), Limit 328	[Pair 7,8]	184
Prop. Delay (ns), Limit 555	[Pair 4,5]	283
Delay Skew (ns), Limit 50	[Pair 4,5]	12
Resistance (ohms)	[Pair 4,5]	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

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)	2.0	2.4	2.0	3.2
Freq. (MHz)	244.0	83.5	244.0	242.0
Limit (dB)	33.3	41.3	33.3	33.4
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	3.9	2.9	4.5	3.2
Freq. (MHz)	11.1	113.5	244.0	240.0
Limit (dB)	53.2	36.1	30.3	30.5

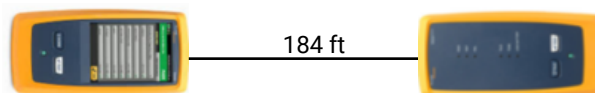
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	3,6-4,5	4,5-3,6
ACR-F (dB)	12.3	12.6	14.4	14.4
Freq. (MHz)	166.0	167.5	214.5	216.0
Limit (dB)	18.9	18.8	16.6	16.6
Worst Pair	4,5	3,6	4,5	3,6
PS ACR-F (dB)	15.3	15.1	16.7	16.5
Freq. (MHz)	166.0	166.0	214.5	216.0
Limit (dB)	15.9	15.9	13.6	13.6

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)	6.5	6.0	20.7	22.4
Freq. (MHz)	9.3	9.3	244.0	242.0
Limit (dB)	51.0	51.0	-2.1	-1.9
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	7.1	6.3	23.2	21.7
Freq. (MHz)	7.3	3.5	244.0	240.0
Limit (dB)	50.9	57.7	-5.1	-4.6

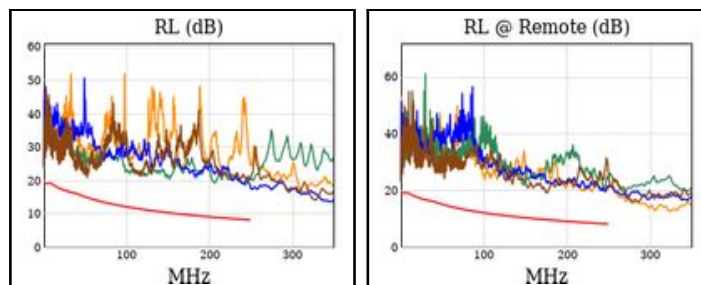
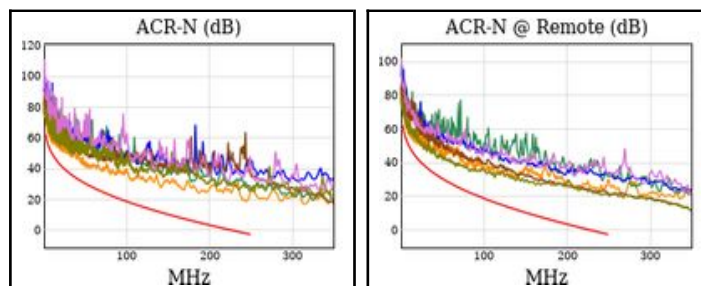
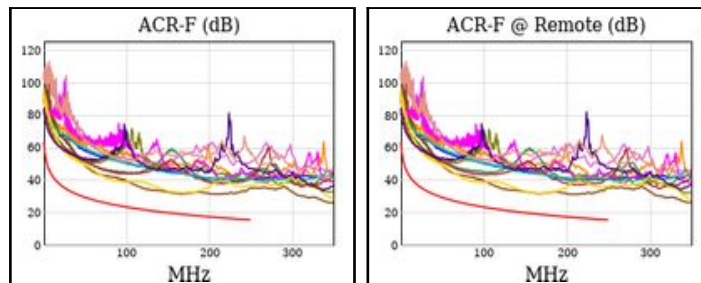
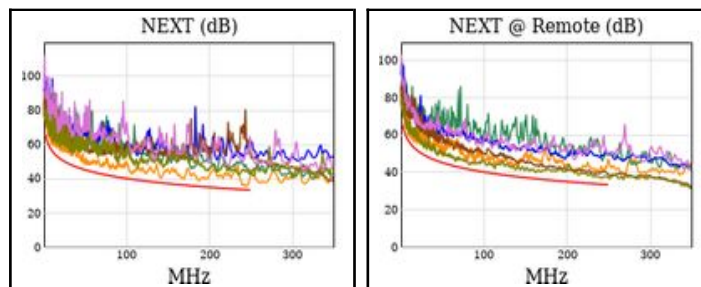
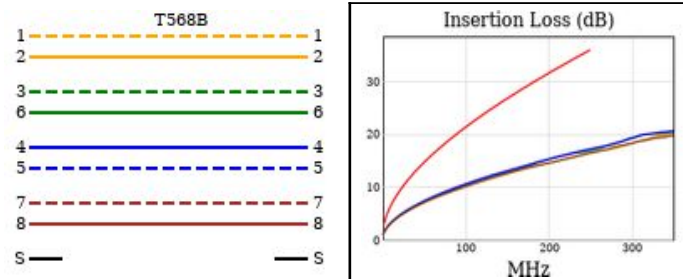
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	4,5	7,8
RL (dB)	5.9	9.1	9.7	9.4
Freq. (MHz)	53.0	53.0	250.0	175.5
Limit (dB)	14.8	14.8	8.0	9.6

Compliant Network Standards:

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



PASS





Cable ID: D9

Date / Time: 11/06/2023 05:35:39 PM Operator: MURAT
 Headroom: 1.5 dB (NEXT) Software Version: V6.9 Build 2
 Test Limit: TIA 1005 Cat 6 Channel Calibration Date:
 Cable Type: Cat 6 U/UTP Main (Module): 10/31/2022
 NVP: 69.0% Remote (Module): 10/31/2022
 Project: SRS - CPSGYPS-2526 - Gypsum CO

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]	190
Prop. Delay (ns), Limit 555	[Pair 4,5]	293
Delay Skew (ns), Limit 50	[Pair 4,5]	13
Resistance (ohms)	[Pair 3,6]	14.5
Insertion Loss Margin (dB)	[Pair 3,6]	17.9
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	3,6-7,8	3,6-7,8
NEXT (dB)	4.9	1.5	5.5	2.1
Freq. (MHz)	25.5	143.0	250.0	250.0
Limit (dB)	49.9	37.3	33.1	33.1
Worst Pair	3,6	3,6	7,8	3,6
PS NEXT (dB)	5.3	2.5	8.0	3.9
Freq. (MHz)	5.3	143.0	250.0	250.0
Limit (dB)	58.6	34.4	30.2	30.2

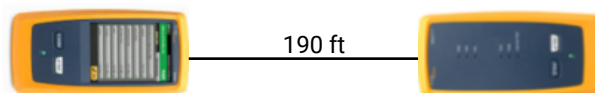
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	3,6-4,5	4,5-3,6
ACR-F (dB)	10.8	10.4	10.9	10.4
Freq. (MHz)	245.5	245.0	246.5	245.0
Limit (dB)	15.5	15.5	15.4	15.5
Worst Pair	4,5	3,6	4,5	3,6
PS ACR-F (dB)	13.0	13.0	13.1	13.0
Freq. (MHz)	245.5	245.0	246.5	245.0
Limit (dB)	12.5	12.5	12.4	12.5

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)	7.7	6.2	24.3	20.9
Freq. (MHz)	3.4	14.4	250.0	250.0
Limit (dB)	60.5	46.4	-2.8	-2.8
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	6.9	5.6	26.2	21.9
Freq. (MHz)	3.4	3.4	250.0	250.0
Limit (dB)	58.0	58.0	-5.8	-5.8

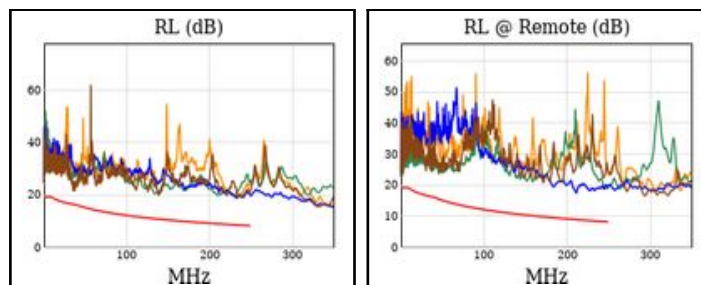
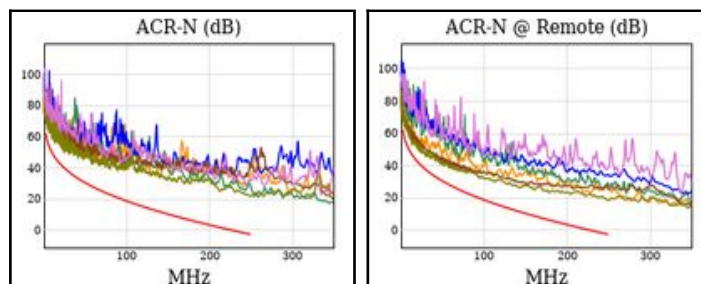
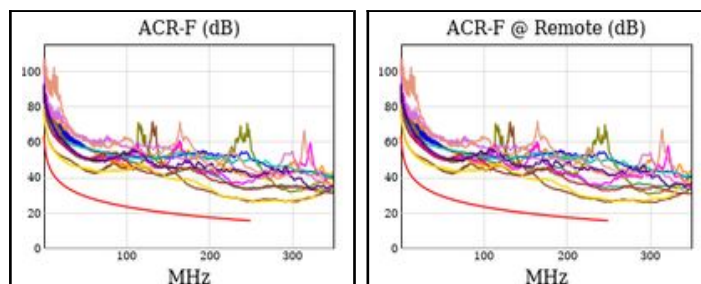
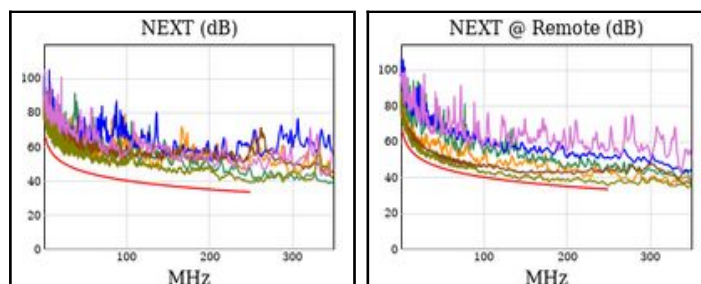
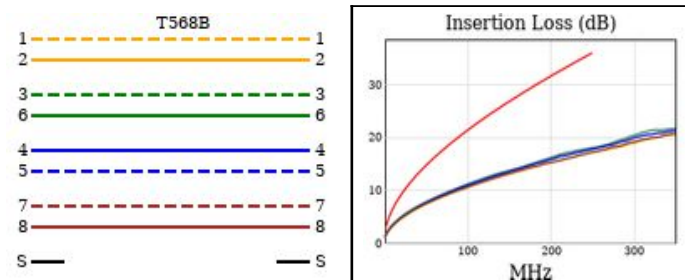
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	3,6	4,5	4,5
RL (dB)	5.1	6.5	10.2	8.6
Freq. (MHz)	36.3	9.3	233.0	212.0
Limit (dB)	16.2	19.0	8.3	8.7

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: WAP-1

Date / Time: 11/01/2023 12:26:34 PM Operator: MURAT
 Headroom: 1.8 dB (NEXT) Software Version: V6.9 Build 2
 Test Limit: TIA 1005 Cat 6 Channel Calibration Date:
 Cable Type: Cat 6 U/UTP Main (Module): 10/31/2022
 NVP: 69.0% Remote (Module): 10/31/2022
 Project: SRS - CPSGYPS-2526 - Gypsum CO

Test Summary: PASS

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

Length (ft), Limit 328	[Pair 3,6]	76
Prop. Delay (ns), Limit 555	[Pair 7,8]	118
Delay Skew (ns), Limit 50	[Pair 7,8]	6
Resistance (ohms)	[Pair 7,8]	7.3
Insertion Loss Margin (dB)	[Pair 3,6]	27.7
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-7,8	3,6-4,5	3,6-4,5
NEXT (dB)	1.8	3.8	2.0	6.0
Freq. (MHz)	164.0	19.1	244.5	245.5
Limit (dB)	36.3	52.0	33.3	33.3
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	1.5	4.0	1.5	5.5
Freq. (MHz)	244.5	19.1	244.5	201.5
Limit (dB)	30.3	49.3	30.3	31.8

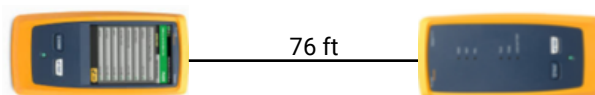
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	3,6-4,5	4,5-3,6	4,5-3,6
ACR-F (dB)	8.3	8.7	8.9	8.9
Freq. (MHz)	211.5	211.5	239.5	246.5
Limit (dB)	16.8	16.8	15.7	15.4
Worst Pair	3,6	4,5	3,6	3,6
PS ACR-F (dB)	11.0	11.3	11.7	11.6
Freq. (MHz)	211.5	211.5	239.5	247.5
Limit (dB)	13.8	13.8	12.7	12.4

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-4,5	3,6-4,5	3,6-4,5
ACR-N (dB)	8.6	8.6	29.7	33.8
Freq. (MHz)	19.4	4.5	244.5	245.5
Limit (dB)	43.0	58.0	-2.2	-2.3
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	8.6	8.8	28.8	33.4
Freq. (MHz)	4.4	4.4	244.5	235.0
Limit (dB)	55.7	55.7	-5.2	-4.0

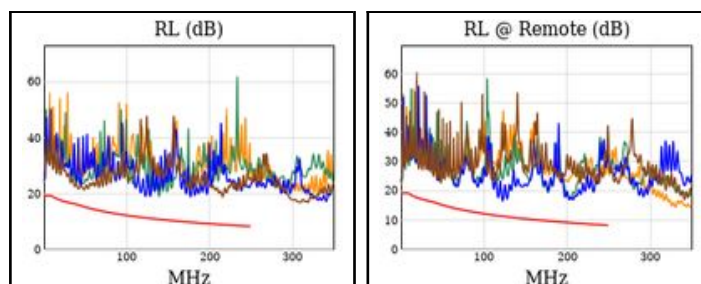
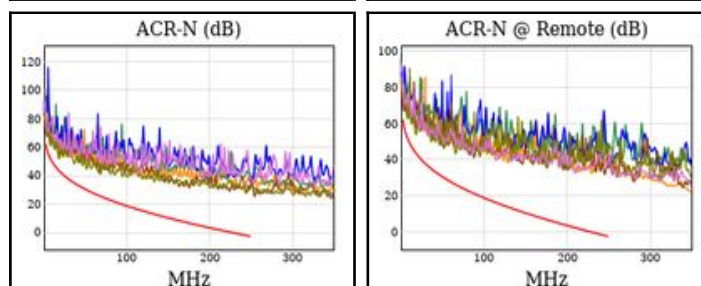
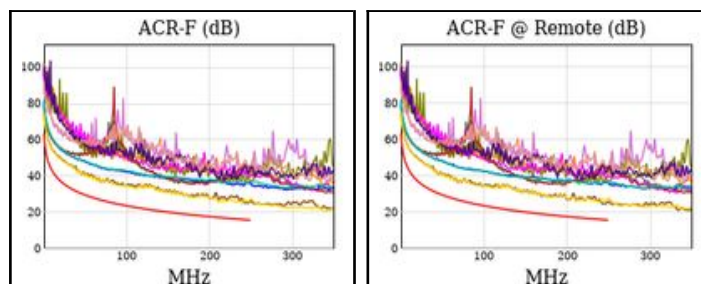
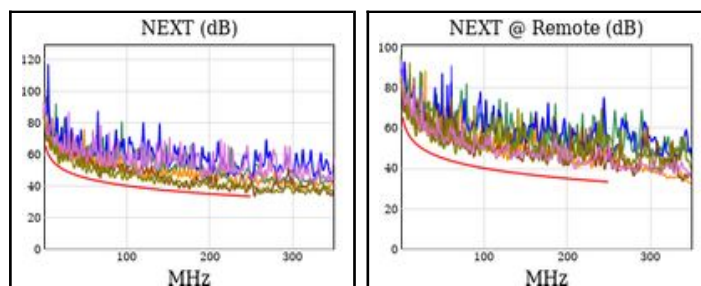
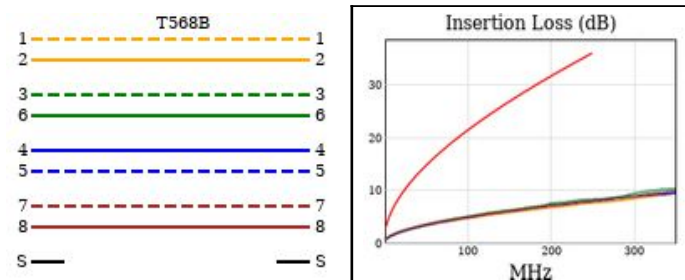
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	4,5	4,5	4,5
RL (dB)	5.8	5.2	9.1	5.2
Freq. (MHz)	43.0	123.0	177.5	123.0
Limit (dB)	15.7	11.1	9.5	11.1

Compliant Network Standards:

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



PASS





Cable ID: WAP-2

Date / Time: 11/01/2023 12:51:18 PM Operator: MURAT
 Headroom: 2.7 dB (NEXT) Software Version: V6.9 Build 2
 Test Limit: TIA 1005 Cat 6 Channel Calibration Date:
 Cable Type: Cat 6 U/UTP Main (Module): 10/31/2022
 NVP: 69.0% Remote (Module): 10/31/2022
 Project: SRS - CPSGYPS-2526 - Gypsum CO

Test Summary: PASS

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

Length (ft), Limit 328	[Pair 3,6]	79
Prop. Delay (ns), Limit 555	[Pair 1,2]	123
Delay Skew (ns), Limit 50	[Pair 1,2]	6
Resistance (ohms)	[Pair 7,8]	24.2
Insertion Loss Margin (dB)	[Pair 7,8]	27.0
Frequency (MHz)	[Pair 7,8]	250.0
Limit (dB)	[Pair 7,8]	35.9

	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-7,8	4,5-7,8
NEXT (dB)	2.7	4.7	3.5	7.0
Freq. (MHz)	70.8	66.0	247.0	236.5
Limit (dB)	42.5	43.0	33.2	33.5
Worst Pair	3,6	3,6	3,6	7,8
PS NEXT (dB)	3.3	5.0	3.3	6.5
Freq. (MHz)	242.0	61.3	242.0	237.0
Limit (dB)	30.4	40.7	30.4	30.6

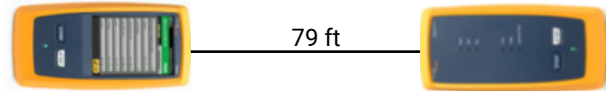
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	3,6-4,5	4,5-3,6	3,6-4,5
ACR-F (dB)	10.2	10.5	11.3	11.7
Freq. (MHz)	191.5	191.5	232.0	232.0
Limit (dB)	17.6	17.6	15.9	15.9
Worst Pair	3,6	4,5	3,6	3,6
PS ACR-F (dB)	12.7	12.4	13.9	14.2
Freq. (MHz)	61.5	1.0	232.0	246.5
Limit (dB)	24.5	60.3	12.9	12.4

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	1,2-3,6	3,6-7,8	4,5-7,8
ACR-N (dB)	10.2	10.7	30.3	33.1
Freq. (MHz)	4.4	4.1	247.0	236.5
Limit (dB)	58.2	58.7	-2.5	-1.3
Worst Pair	3,6	3,6	3,6	7,8
PS ACR-N (dB)	9.9	9.2	30.2	32.7
Freq. (MHz)	4.4	4.1	242.0	237.0
Limit (dB)	55.7	56.2	-4.9	-4.3

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	4,5	7,8
RL (dB)	5.3	1.2	7.6	7.6
Freq. (MHz)	23.8	47.0	179.0	207.0
Limit (dB)	17.1	15.3	9.5	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

