



Cable ID: SALA POLIVALENTE PTO 01

Date / Time: 08/21/2018 02:40:10 PM
Headroom -1.0 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

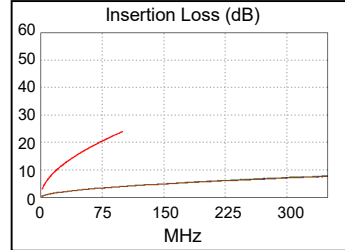
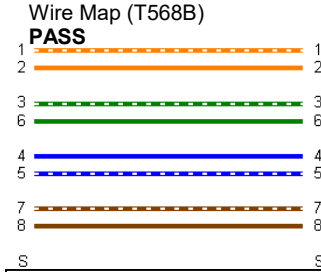
Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Test Summary: FAIL

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

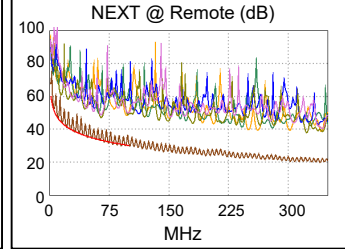
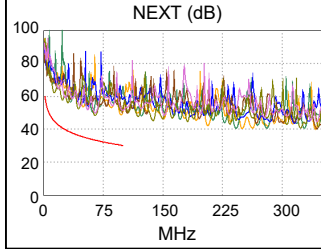
Length (m), Limit 100.0	[Pair 78]	19.0
Prop. Delay (ns), Limit 555	[Pair 45]	95
Delay Skew (ns), Limit 50	[Pair 36]	2
Resistance (ohms)	[Pair 45]	3.47
Insertion Loss Margin (dB)	[Pair 12]	20.1
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0

Patch Cable BAD or Patch Cable too short

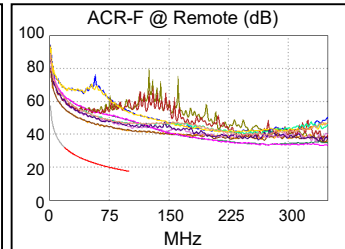
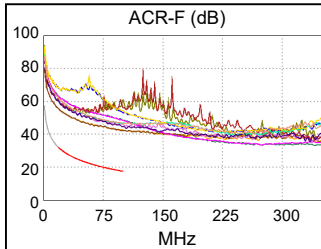


Worst Case Margin Worst Case Value

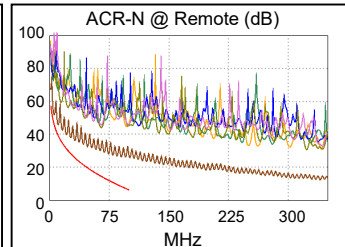
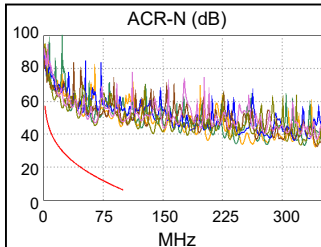
	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	36-78	36-45	36-78	36-45
NEXT (dB)	15.1	-1.0F	15.2	-1.0
Freq. (MHz)	64.5	90.0	65.3	90.0
Limit (dB)	33.4	30.9	33.3	30.9
Worst Pair	78	36	36	36
PS NEXT (dB)	15.8	2.0	18.3	2.5
Freq. (MHz)	64.5	90.0	98.5	95.5
Limit (dB)	30.4	27.9	27.2	27.4



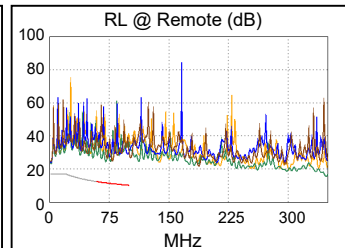
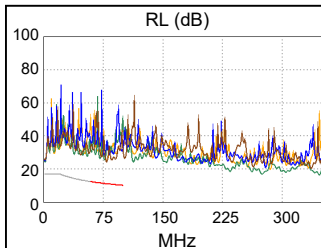
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-12	12-36	36-12	12-36
ACR-F (dB)	22.9	22.9	24.8	24.8
Freq. (MHz)	4.8	4.8	100.0	100.0
Limit (dB)	43.9	43.9	17.4	17.4
Worst Pair	36	36	36	36
PS ACR-F (dB)	23.6	23.5	26.1	25.7
Freq. (MHz)	4.1	4.8	100.0	96.5
Limit (dB)	42.1	40.9	14.4	14.7



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-78	36-45	12-36	36-45
ACR-N (dB)	23.8	5.5	38.3	19.2
Freq. (MHz)	12.9	5.0	97.8	95.5
Limit (dB)	37.1	47.0	6.5	7.0
Worst Pair	36	36	36	36
PS ACR-N (dB)	25.3	8.5	38.2	22.1
Freq. (MHz)	12.9	5.0	98.5	95.5
Limit (dB)	34.1	44.0	3.4	4.0



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	78	36	78	36
RL (dB)	13.2	12.8	13.2	12.8
Freq. (MHz)	79.3	70.5	79.3	70.5
Limit (dB)	11.0	11.5	11.0	11.5





Cable ID: SALA POLIVALENTE PTO 02

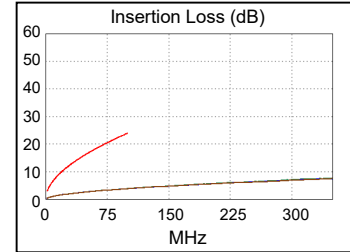
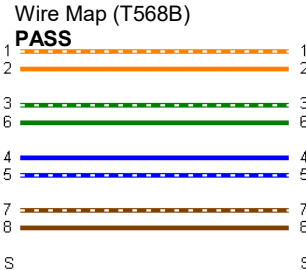
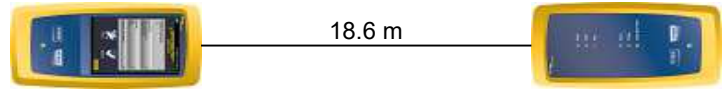
Test Summary: PASS

Date / Time: 08/21/2018 02:43:16 PM
Headroom 14.9 dB (NEXT 36-78)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

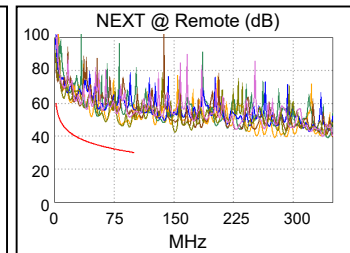
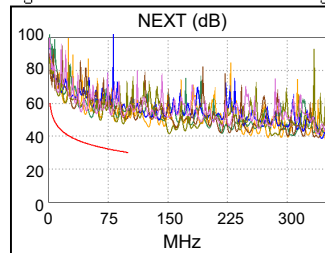
Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

Length (m), Limit 100.0	[Pair 78]	18.6
Prop. Delay (ns), Limit 555	[Pair 45]	93
Delay Skew (ns), Limit 50	[Pair 36]	2
Resistance (ohms)	[Pair 45]	3.39
Insertion Loss Margin (dB)	[Pair 36]	20.1
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0

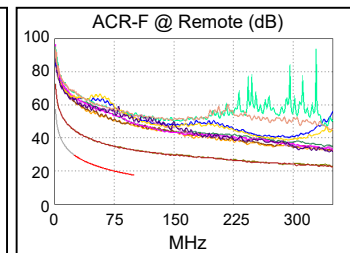
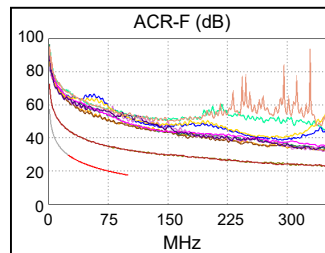


Worst Case Margin Worst Case Value

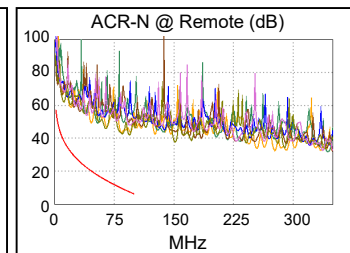
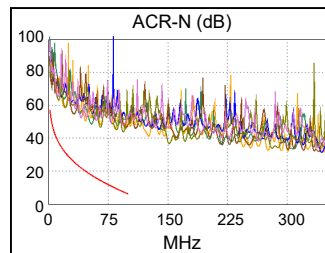
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-78	36-78
NEXT (dB)	16.5	14.9	16.9	15.2
Freq. (MHz)	65.3	85.3	93.8	94.3
Limit (dB)	33.3	31.3	30.6	30.5
Worst Pair	36	36	36	36
PS NEXT (dB)	16.9	15.3	17.6	15.8
Freq. (MHz)	65.3	84.3	95.8	94.8
Limit (dB)	30.3	28.4	27.4	27.5



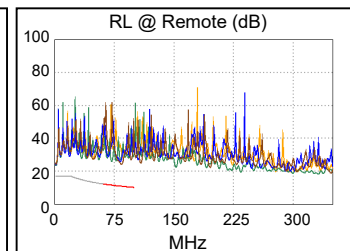
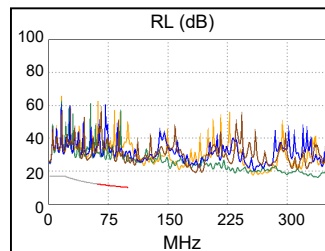
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	36-45	45-36
ACR-F (dB)	14.5	14.5	15.2	15.1
Freq. (MHz)	4.8	4.8	100.0	100.0
Limit (dB)	43.9	43.9	17.4	17.4
Worst Pair	36	36	36	36
PS ACR-F (dB)	17.4	17.5	18.1	17.9
Freq. (MHz)	4.8	80.8	100.0	100.0
Limit (dB)	40.9	16.3	14.4	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-78	36-78
ACR-N (dB)	22.1	22.6	36.4	34.7
Freq. (MHz)	2.4	2.8	93.8	94.3
Limit (dB)	53.8	52.5	7.4	7.3
Worst Pair	36	36	36	36
PS ACR-N (dB)	23.0	23.5	37.2	35.3
Freq. (MHz)	2.4	2.3	95.8	94.8
Limit (dB)	50.8	51.3	4.0	4.2



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	78	78	78
RL (dB)	14.7	13.3	14.7	13.3
Freq. (MHz)	96.5	84.3	96.5	84.3
Limit (dB)	10.2	10.8	10.2	10.8



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive



Cable ID: SALA POLIVALENTE PTO 04

Date / Time: 08/21/2018 03:00:22 PM
Headroom -1.4 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

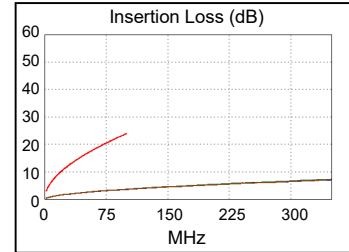
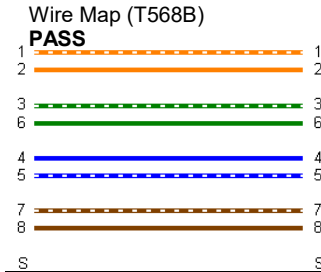
Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Test Summary: FAIL

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

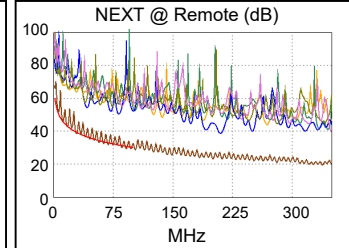
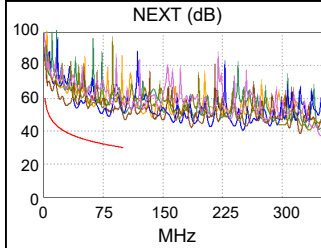
Length (m), Limit 100.0	[Pair 78]	17.3
Prop. Delay (ns), Limit 555	[Pair 45]	88
Delay Skew (ns), Limit 50	[Pair 36]	3
Resistance (ohms)	[Pair 45]	3.20
Insertion Loss Margin (dB)	[Pair 36]	20.3
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0

Patch Cable BAD or Patch Cable too short

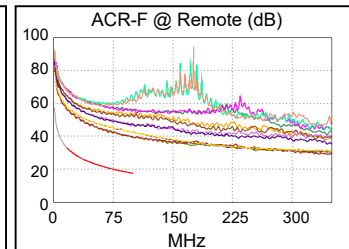
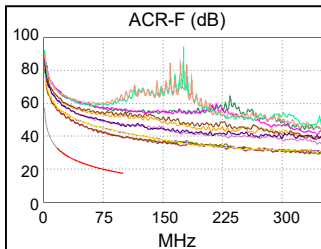


Worst Case Margin Worst Case Value

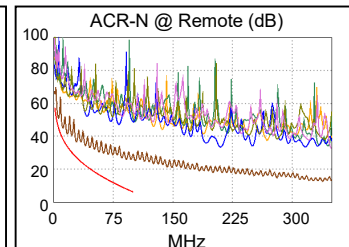
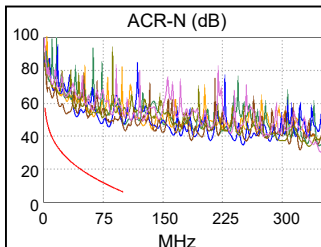
	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	36-45	36-45	12-78	36-45
NEXT (dB)	16.1	-1.4F	17.4	-1.4
Freq. (MHz)	28.1	91.5	82.0	91.5
Limit (dB)	39.5	30.7	31.6	30.7
Worst Pair	36	36	45	36
PS NEXT (dB)	18.2	1.6	20.1	1.6
Freq. (MHz)	28.6	91.5	100.0	91.5
Limit (dB)	36.4	27.7	27.1	27.7



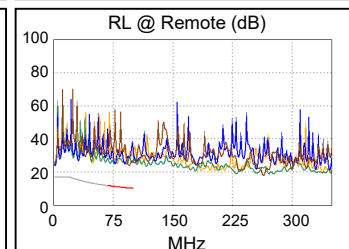
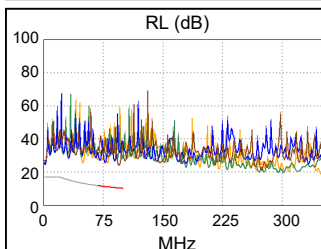
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	21.6	21.6	21.7	21.8
Freq. (MHz)	85.5	68.8	100.0	100.0
Limit (dB)	18.8	20.7	17.4	17.4
Worst Pair	36	36	36	36
PS ACR-F (dB)	23.6	24.0	23.8	24.1
Freq. (MHz)	68.0	40.0	100.0	100.0
Limit (dB)	17.8	22.4	14.4	14.4



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	36-45	12-78	36-45
ACR-N (dB)	20.8	5.5	35.7	17.9
Freq. (MHz)	4.1	5.6	82.0	91.5
Limit (dB)	48.8	45.8	10.0	7.9
Worst Pair	36	36	45	36
PS ACR-N (dB)	23.0	8.4	40.5	20.9
Freq. (MHz)	4.1	5.4	100.0	91.5
Limit (dB)	45.8	43.3	3.1	4.9



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	78	36	78	78
RL (dB)	13.7	13.6	13.7	13.7
Freq. (MHz)	94.8	76.8	94.8	95.0
Limit (dB)	10.2	11.2	10.2	10.2





Cable ID: SALA POLIVALENTE PTO 06

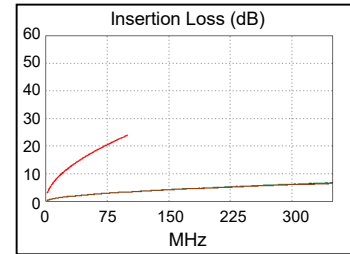
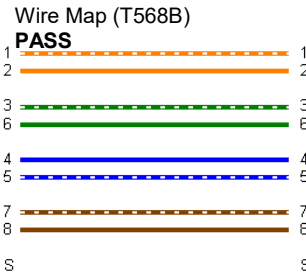
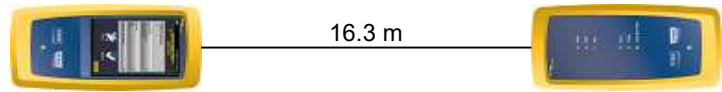
Test Summary: PASS

Date / Time: 08/21/2018 03:11:38 PM
Headroom 17.1 dB (NEXT 36-78)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

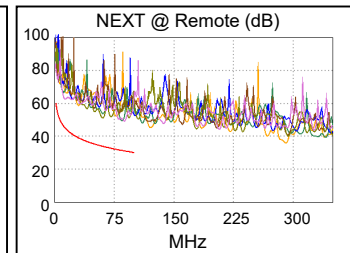
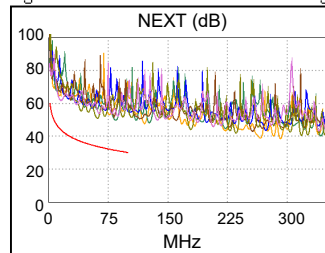
Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

Length (m), Limit 100.0	[Pair 12]	16.3
Prop. Delay (ns), Limit 555	[Pair 45]	82
Delay Skew (ns), Limit 50	[Pair 45]	2
Resistance (ohms)	[Pair 45]	2.96
Insertion Loss Margin (dB)	[Pair 12]	20.6
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0

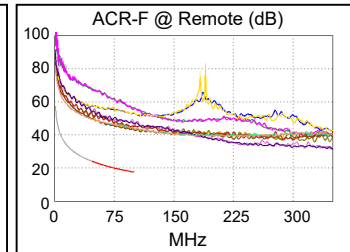
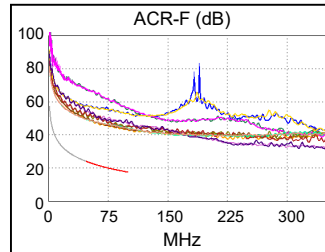


Worst Case Margin Worst Case Value

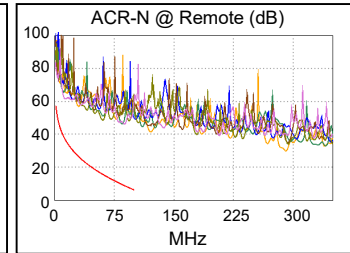
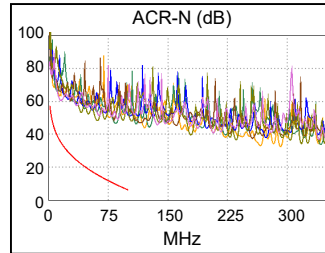
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	12-45	45-78
NEXT (dB)	17.1	17.3	18.4	18.3
Freq. (MHz)	61.0	60.3	84.8	88.0
Limit (dB)	33.8	33.9	31.3	31.0
Worst Pair	78	45	45	45
PS NEXT (dB)	18.6	18.1	19.0	18.1
Freq. (MHz)	62.5	84.5	83.3	84.5
Limit (dB)	30.6	28.3	28.5	28.3



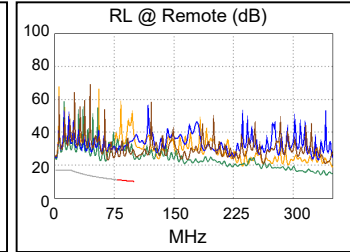
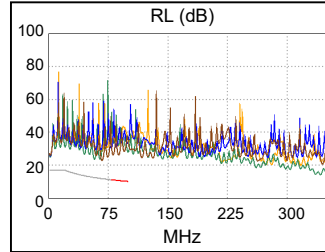
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-78	78-45	12-36	36-12
ACR-F (dB)	24.3	24.3	25.4	25.4
Freq. (MHz)	4.1	4.1	100.0	100.0
Limit (dB)	45.1	45.1	17.4	17.4
Worst Pair	45	78	36	36
PS ACR-F (dB)	25.1	25.2	25.7	25.5
Freq. (MHz)	1.4	1.4	100.0	100.0
Limit (dB)	51.6	51.6	14.4	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	12-45	45-78
ACR-N (dB)	23.5	22.8	37.2	37.5
Freq. (MHz)	1.6	1.8	84.8	88.0
Limit (dB)	56.9	56.4	9.4	8.6
Worst Pair	45	45	45	45
PS ACR-N (dB)	24.8	24.1	37.7	36.9
Freq. (MHz)	2.0	2.3	83.3	84.5
Limit (dB)	52.3	51.3	6.7	6.4



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	36	78	36
RL (dB)	15.3	13.8	15.5	13.8
Freq. (MHz)	81.3	100.0	88.3	100.0
Limit (dB)	10.9	10.0	10.6	10.0



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive



Cable ID: SALA POLIVALENTE PTO 05

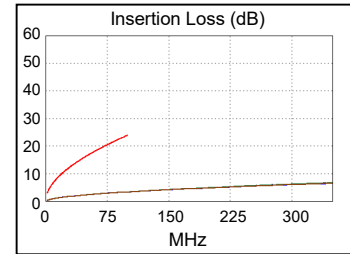
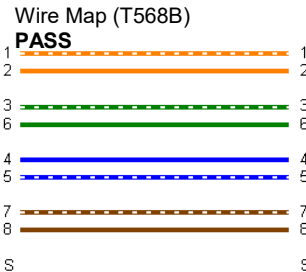
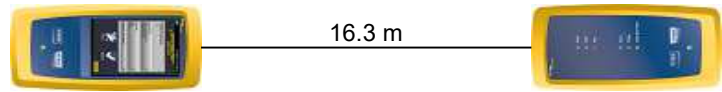
Test Summary: PASS

Date / Time: 08/21/2018 03:16:34 PM
Headroom 16.2 dB (NEXT 45-78)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

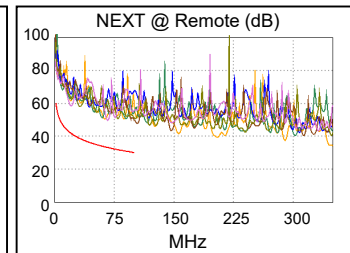
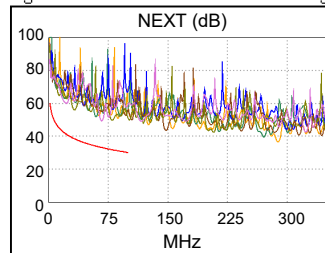
Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

Length (m), Limit 100.0	[Pair 78]	16.3
Prop. Delay (ns), Limit 555	[Pair 45]	82
Delay Skew (ns), Limit 50	[Pair 36]	2
Resistance (ohms)	[Pair 45]	2.98
Insertion Loss Margin (dB)	[Pair 12]	20.6
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0

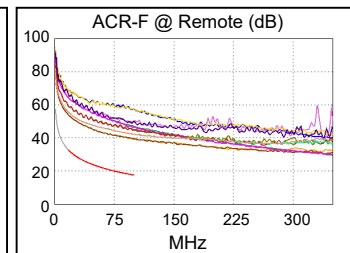
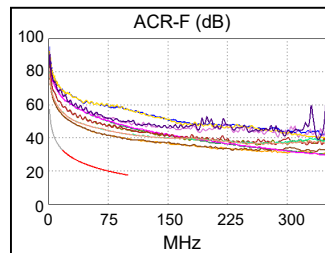


Worst Case Margin Worst Case Value

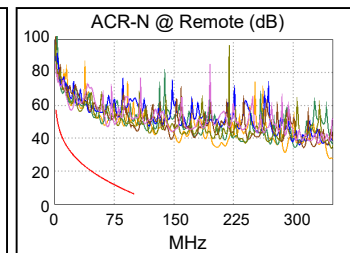
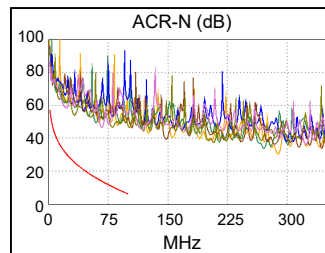
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	45-78	45-78
NEXT (dB)	16.2	16.6	16.2	16.6
Freq. (MHz)	67.0	66.8	67.0	66.8
Limit (dB)	33.1	33.1	33.1	33.1
Worst Pair	45	12	45	36
PS NEXT (dB)	17.5	17.7	17.5	20.1
Freq. (MHz)	67.3	61.0	67.3	100.0
Limit (dB)	30.0	30.8	30.0	27.1



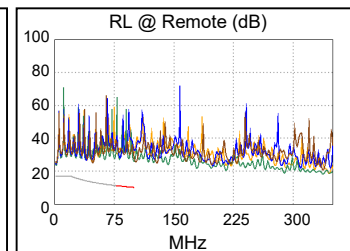
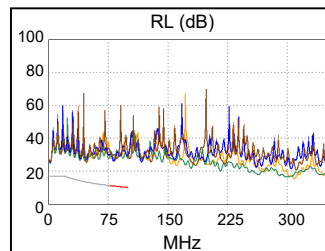
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	36-12	12-36
ACR-F (dB)	20.9	20.9	21.6	21.6
Freq. (MHz)	5.4	6.1	100.0	100.0
Limit (dB)	42.8	41.7	17.4	17.4
Worst Pair	36	36	36	36
PS ACR-F (dB)	22.6	22.4	23.7	23.3
Freq. (MHz)	55.3	1.0	100.0	100.0
Limit (dB)	19.6	54.4	14.4	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	45-78	36-45
ACR-N (dB)	24.4	23.7	32.8	40.3
Freq. (MHz)	2.9	1.8	67.0	99.8
Limit (dB)	52.1	56.4	13.8	6.1
Worst Pair	78	78	45	36
PS ACR-N (dB)	25.6	25.0	34.1	40.7
Freq. (MHz)	2.9	1.8	67.3	100.0
Limit (dB)	49.1	53.4	10.7	3.1



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	36	45	36
RL (dB)	15.2	15.9	15.2	15.9
Freq. (MHz)	82.3	100.0	82.3	100.0
Limit (dB)	10.9	10.0	10.9	10.0



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive



Cable ID: SALA POLIVALENTE PTO 03

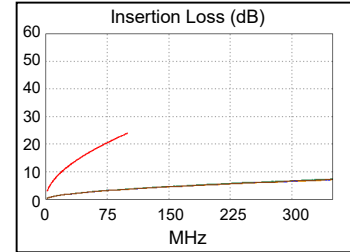
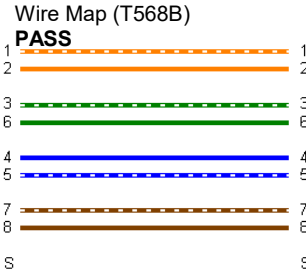
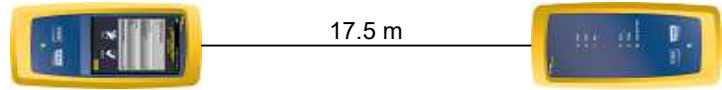
Test Summary: PASS

Date / Time: 08/21/2018 03:19:43 PM
Headroom 16.1 dB (NEXT 12-78)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

Length (m), Limit 100.0	[Pair 12]	17.5
Prop. Delay (ns), Limit 555	[Pair 45]	88
Delay Skew (ns), Limit 50	[Pair 36]	2
Resistance (ohms)	[Pair 45]	3.22
Insertion Loss Margin (dB)	[Pair 36]	20.3
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



Worst Case Margin Worst Case Value

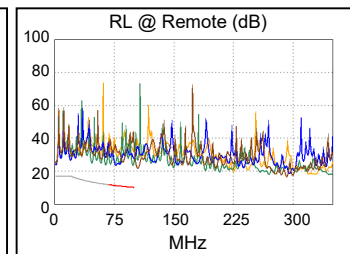
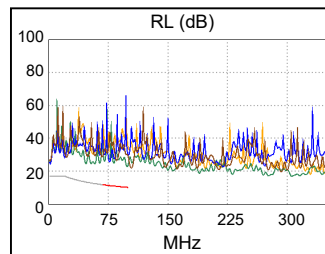
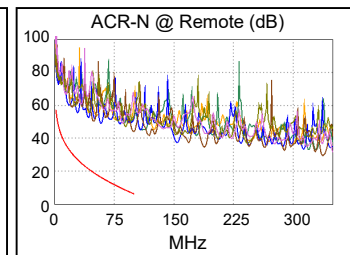
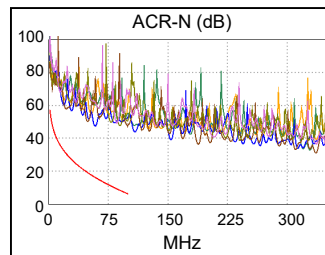
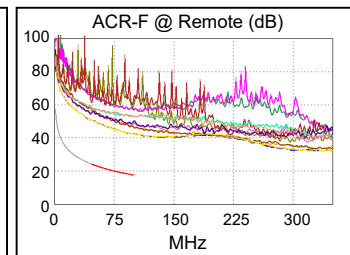
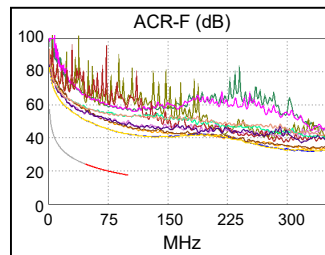
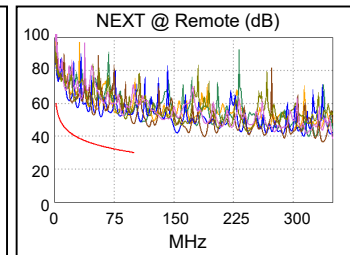
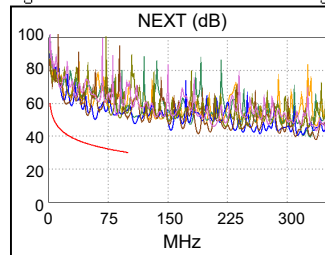
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	36-45	12-78	36-45
NEXT (dB)	16.1	17.6	16.2	17.6
Freq. (MHz)	58.5	99.8	58.8	99.8
Limit (dB)	34.1	30.1	34.0	30.1
Worst Pair	12	12	36	36
PS NEXT (dB)	18.8	19.4	21.7	19.7
Freq. (MHz)	58.5	42.8	99.0	98.3
Limit (dB)	31.1	33.4	27.2	27.2

PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	78-12
ACR-F (dB)	24.7	24.8	24.9	24.9
Freq. (MHz)	96.0	96.0	100.0	100.0
Limit (dB)	17.8	17.8	17.4	17.4
Worst Pair	12	12	12	12
PS ACR-F (dB)	26.3	26.3	26.5	26.3
Freq. (MHz)	93.8	100.0	100.0	100.0
Limit (dB)	15.0	14.4	14.4	14.4

N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	12-78	36-45	36-45
ACR-N (dB)	22.8	24.3	40.9	38.0
Freq. (MHz)	4.3	2.9	99.0	99.8
Limit (dB)	48.5	52.1	6.3	6.1
Worst Pair	36	78	36	36
PS ACR-N (dB)	23.8	25.5	41.9	39.8
Freq. (MHz)	4.3	3.4	99.0	98.3
Limit (dB)	45.5	47.7	3.3	3.4

PASS	MAIN	SR	MAIN	SR
Worst Pair	36	36	36	36
RL (dB)	12.5	12.0	12.5	13.4
Freq. (MHz)	98.8	64.8	98.8	98.5
Limit (dB)	10.1	11.9	10.1	10.1

Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive





Cable ID: SALA POLIVALENTE PTO 07

Date / Time: 08/21/2018 03:24:28 PM
Headroom -0.9 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

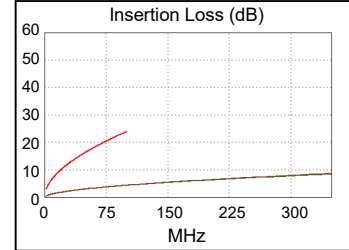
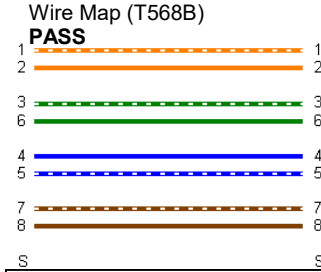
Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Test Summary: FAIL

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

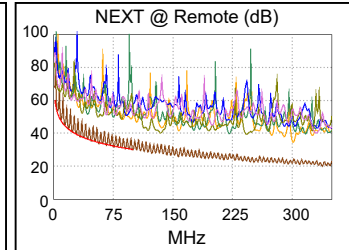
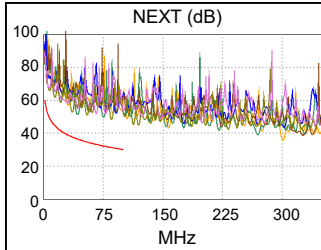
Length (m), Limit 100.0	[Pair 12]	21.2
Prop. Delay (ns), Limit 555	[Pair 45]	106
Delay Skew (ns), Limit 50	[Pair 36]	2
Resistance (ohms)	[Pair 45]	3.88
Insertion Loss Margin (dB)	[Pair 12]	19.6
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0

Patch Cable BAD or Patch Cable too short

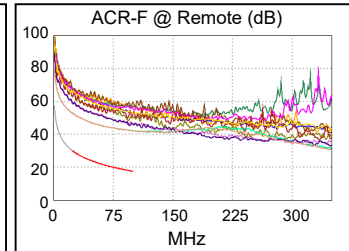
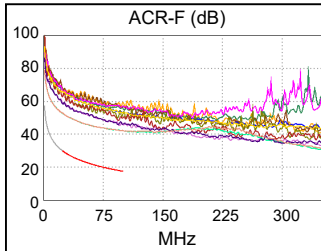


Worst Case Margin Worst Case Value

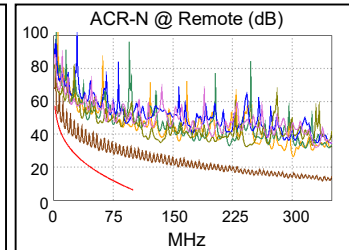
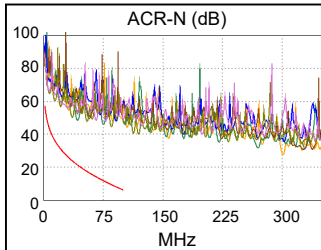
FAIL	MAIN	SR	MAIN	SR
Worst Pair	12-45	36-45	36-78	36-45
NEXT (dB)	14.9	-0.9F	17.3	-0.3
Freq. (MHz)	42.3	57.0	85.5	99.8
Limit (dB)	36.5	34.3	31.3	30.1
Worst Pair	45	36	36	36
PS NEXT (dB)	16.5	2.0	19.0	2.7
Freq. (MHz)	43.0	57.0	86.0	99.8
Limit (dB)	33.4	31.3	28.2	27.1



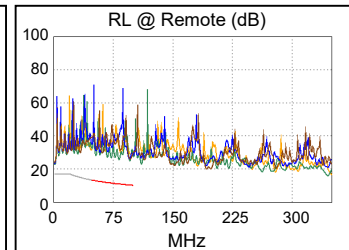
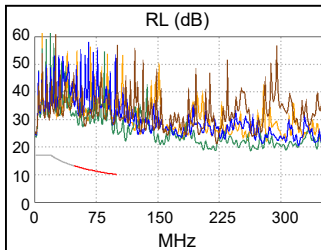
PASS	MAIN	SR	MAIN	SR
Worst Pair	78-45	45-78	45-78	45-78
ACR-F (dB)	22.2	22.2	24.7	24.5
Freq. (MHz)	7.3	7.3	100.0	97.3
Limit (dB)	40.2	40.2	17.4	17.6
Worst Pair	78	78	78	78
PS ACR-F (dB)	23.9	23.6	25.5	26.1
Freq. (MHz)	1.5	1.3	96.0	100.0
Limit (dB)	50.9	52.5	14.8	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-45	36-78	36-45
ACR-N (dB)	21.0	5.3	35.4	19.3
Freq. (MHz)	6.0	4.8	85.5	99.8
Limit (dB)	45.2	47.5	9.2	6.1
Worst Pair	78	36	36	36
PS ACR-N (dB)	21.0	8.1	37.0	22.3
Freq. (MHz)	6.0	4.8	86.0	99.8
Limit (dB)	42.2	44.5	6.1	3.1



PASS	MAIN	SR	MAIN	SR
Worst Pair	36	36	36	36
RL (dB)	14.7	14.6	14.7	14.6
Freq. (MHz)	95.8	95.8	95.8	95.8
Limit (dB)	10.2	10.2	10.2	10.2





Cable ID: SALA POLIVALENTE PTO 08

Date / Time: 08/21/2018 03:26:59 PM
Headroom -1.1 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

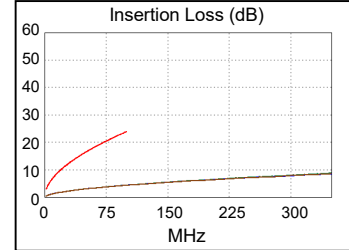
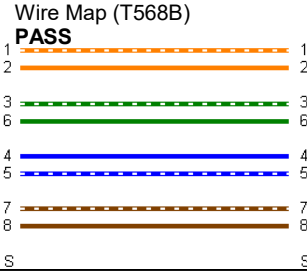
Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Test Summary: FAIL

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

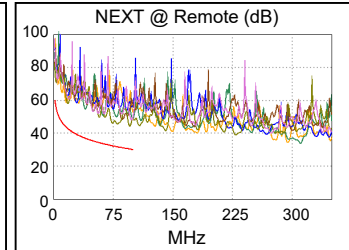
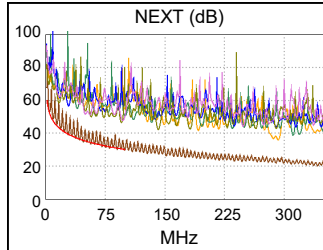
Length (m), Limit 100.0	[Pair 12]	21.2
Prop. Delay (ns), Limit 555	[Pair 45]	106
Delay Skew (ns), Limit 50	[Pair 36]	2
Resistance (ohms)	[Pair 45]	3.89
Insertion Loss Margin (dB)	[Pair 12]	19.6
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0

Patch Cable BAD or Patch Cable too short

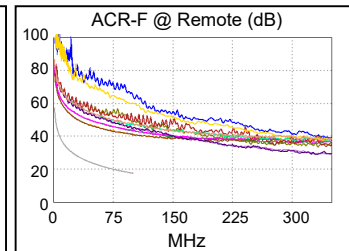
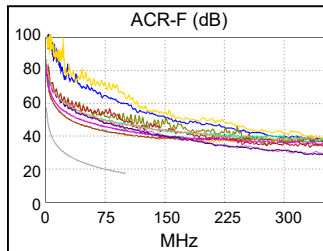


Worst Case Margin Worst Case Value

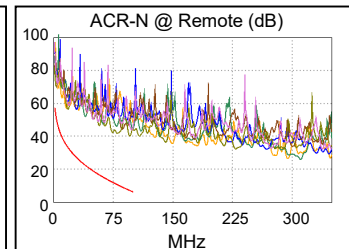
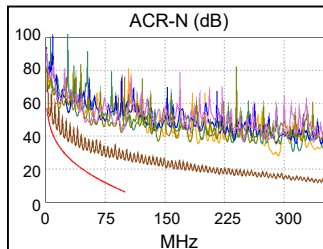
	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	36-45	36-78	36-45	36-78
NEXT (dB)	-1.1F	13.8	-0.3	14.0
Freq. (MHz)	47.3	79.8	99.5	95.8
Limit (dB)	35.7	31.8	30.1	30.4
Worst Pair	36	36	36	78
PS NEXT (dB)	1.9	15.3	2.7	16.1
Freq. (MHz)	47.3	16.3	99.5	96.8
Limit (dB)	32.7	40.5	27.1	27.3



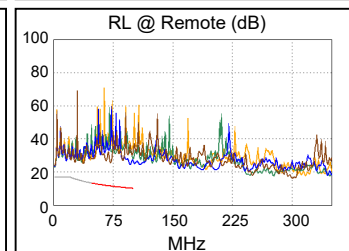
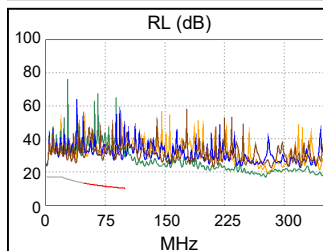
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-36	36-12	12-36	36-12
ACR-F (dB)	22.1	22.1	23.4	23.4
Freq. (MHz)	30.0	30.0	100.0	100.0
Limit (dB)	27.9	27.9	17.4	17.4
Worst Pair	12	12	36	12
PS ACR-F (dB)	22.8	23.0	24.5	24.6
Freq. (MHz)	1.4	2.0	100.0	100.0
Limit (dB)	51.6	48.4	14.4	14.4



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	36-78	36-45	36-78
ACR-N (dB)	4.9	18.2	19.2	33.1
Freq. (MHz)	4.8	2.5	99.5	95.8
Limit (dB)	47.5	53.4	6.2	7.0
Worst Pair	36	78	36	78
PS ACR-N (dB)	7.7	20.6	22.2	35.4
Freq. (MHz)	4.8	2.6	99.5	96.8
Limit (dB)	44.5	49.9	3.2	3.7



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	78	78	78	45
RL (dB)	15.4	14.1	15.6	14.2
Freq. (MHz)	48.5	71.8	71.8	96.3
Limit (dB)	13.2	11.5	11.5	10.2





Cable ID: SALA POLIVALENTE PTO 09

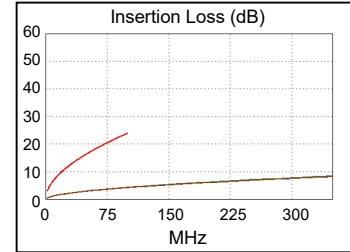
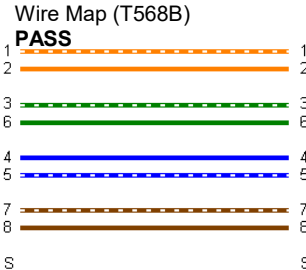
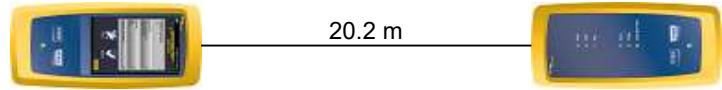
Test Summary: PASS

Date / Time: 08/21/2018 03:32:13 PM
Headroom 15.7 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

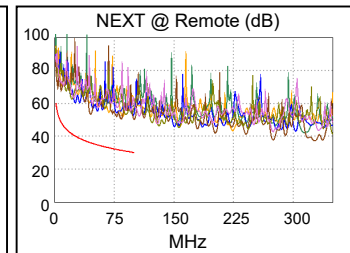
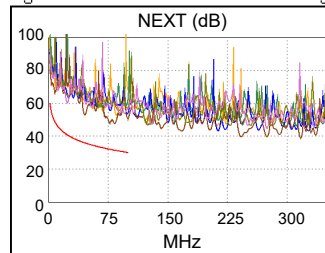
Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

Length (m), Limit 100.0	[Pair 78]	20.2
Prop. Delay (ns), Limit 555	[Pair 45]	103
Delay Skew (ns), Limit 50	[Pair 45]	4
Resistance (ohms)	[Pair 45]	3.75
Insertion Loss Margin (dB)	[Pair 36]	19.7
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0

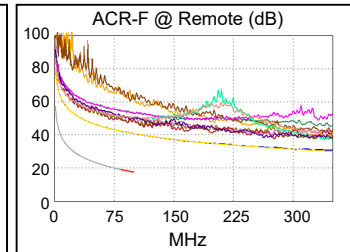
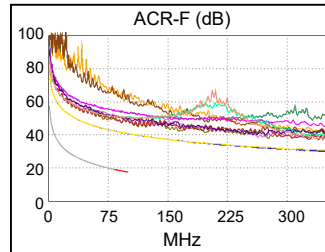


Worst Case Margin Worst Case Value

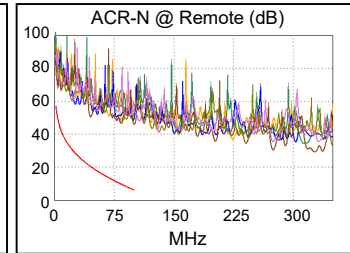
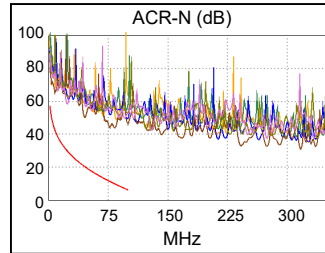
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	15.7	16.7	15.7	20.1
Freq. (MHz)	77.0	3.5	77.0	99.8
Limit (dB)	32.0	54.5	32.0	30.1
Worst Pair	45	36	36	36
PS NEXT (dB)	18.1	18.8	18.4	20.1
Freq. (MHz)	77.0	3.5	84.0	84.5
Limit (dB)	29.0	51.5	28.4	28.3



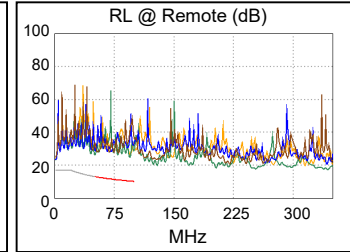
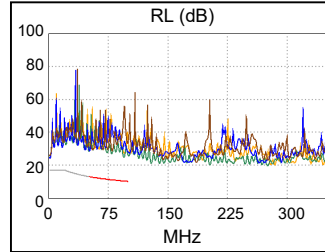
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	78-12	12-78	78-12
ACR-F (dB)	22.4	22.4	23.4	23.4
Freq. (MHz)	4.0	4.0	100.0	100.0
Limit (dB)	45.4	45.4	17.4	17.4
Worst Pair	78	78	78	78
PS ACR-F (dB)	24.2	24.0	25.5	25.5
Freq. (MHz)	4.0	1.3	100.0	100.0
Limit (dB)	42.4	52.5	14.4	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	20.7	20.2	34.2	39.9
Freq. (MHz)	3.5	3.5	83.5	99.8
Limit (dB)	50.3	50.3	9.7	6.1
Worst Pair	36	36	36	36
PS ACR-N (dB)	22.9	22.3	36.3	38.1
Freq. (MHz)	3.5	3.5	84.0	84.5
Limit (dB)	47.3	47.3	6.6	6.4



PASS	MAIN	SR	MAIN	SR
Worst Pair	36	36	36	36
RL (dB)	14.4	13.2	14.5	14.4
Freq. (MHz)	94.5	50.8	94.8	94.5
Limit (dB)	10.3	13.0	10.2	10.3



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive



Cable ID: SALA POLIVALENTE PTO 10

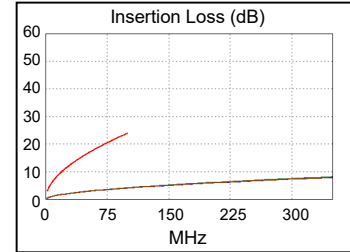
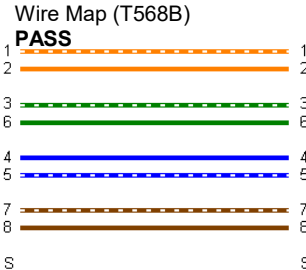
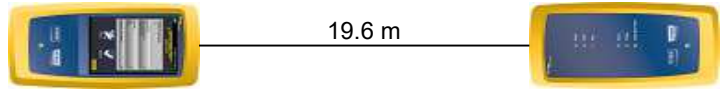
Test Summary: PASS

Date / Time: 08/21/2018 03:37:29 PM
Headroom 16.1 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

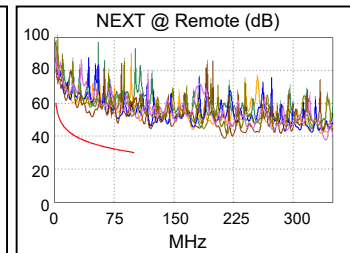
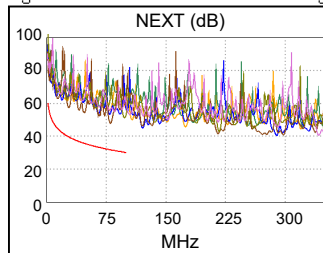
Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

Length (m), Limit 100.0	[Pair 78]	19.6
Prop. Delay (ns), Limit 555	[Pair 45]	99
Delay Skew (ns), Limit 50	[Pair 45]	3
Resistance (ohms)	[Pair 45]	3.61
Insertion Loss Margin (dB)	[Pair 36]	19.8
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0

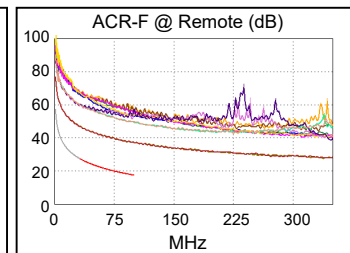
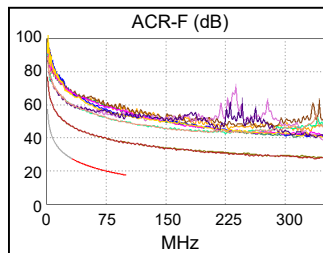


Worst Case Margin Worst Case Value

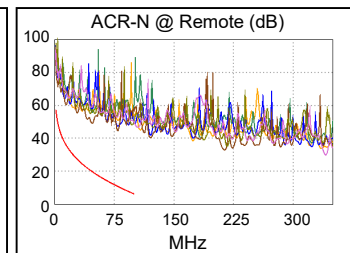
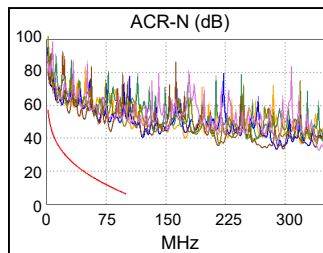
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	16.1	16.1	16.1	16.3
Freq. (MHz)	80.3	47.3	80.3	79.8
Limit (dB)	31.7	35.7	31.7	31.8
Worst Pair	36	45	36	36
PS NEXT (dB)	18.3	17.9	18.4	18.1
Freq. (MHz)	79.8	47.0	80.3	79.5
Limit (dB)	28.8	32.7	28.7	28.8



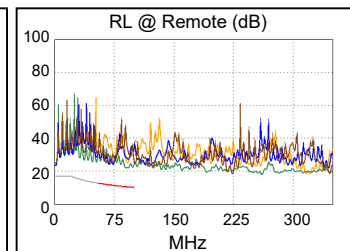
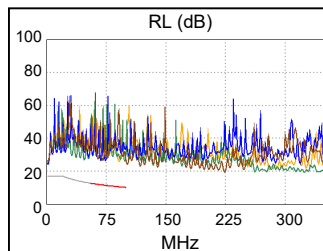
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	45-36	45-36
ACR-F (dB)	19.1	19.0	19.6	19.6
Freq. (MHz)	4.4	4.1	100.0	100.0
Limit (dB)	44.6	45.1	17.4	17.4
Worst Pair	36	36	45	45
PS ACR-F (dB)	21.9	21.7	22.3	22.4
Freq. (MHz)	40.5	4.1	100.0	100.0
Limit (dB)	22.3	42.1	14.4	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	23.1	22.8	33.8	34.0
Freq. (MHz)	2.1	2.8	80.3	79.8
Limit (dB)	54.8	52.5	10.4	10.5
Worst Pair	45	45	36	36
PS ACR-N (dB)	24.7	24.5	36.0	35.6
Freq. (MHz)	2.1	2.8	80.3	79.5
Limit (dB)	51.8	49.5	7.4	7.6



PASS	MAIN	SR	MAIN	SR
Worst Pair	36	36	12	36
RL (dB)	14.8	11.4	15.5	11.6
Freq. (MHz)	52.8	89.5	91.3	92.8
Limit (dB)	12.8	10.5	10.4	10.3



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive



Cable ID: SALA POLIVALENTE PTO 11

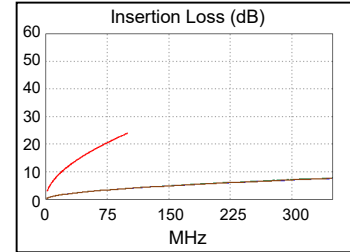
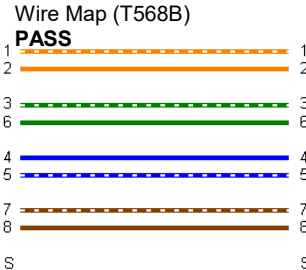
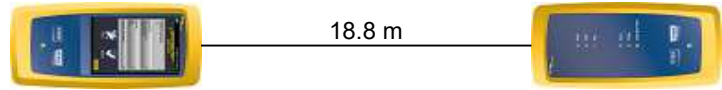
Test Summary: PASS

Date / Time: 08/21/2018 03:39:25 PM
Headroom 13.8 dB (NEXT 36-78)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

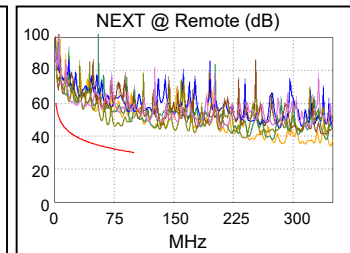
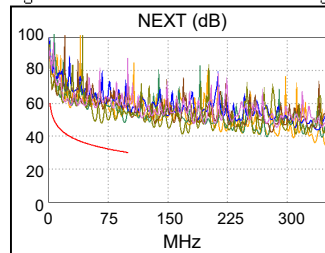
Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

Length (m), Limit 100.0	[Pair 78]	18.8
Prop. Delay (ns), Limit 555	[Pair 45]	95
Delay Skew (ns), Limit 50	[Pair 45]	3
Resistance (ohms)	[Pair 45]	3.46
Insertion Loss Margin (dB)	[Pair 12]	20.1
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0

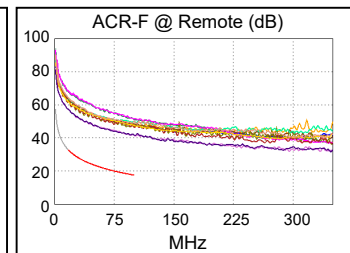
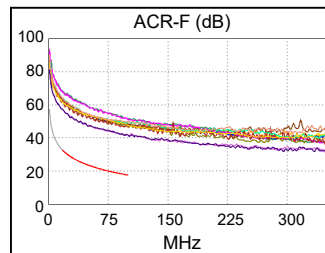


Worst Case Margin Worst Case Value

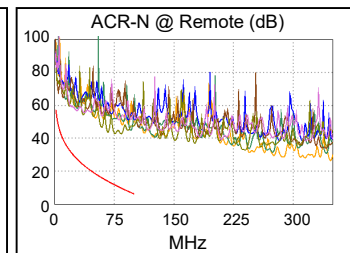
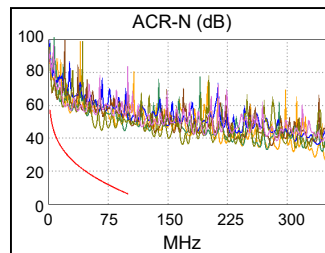
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-78	36-78
NEXT (dB)	14.9	13.8	14.9	14.1
Freq. (MHz)	66.8	67.0	66.8	76.0
Limit (dB)	33.1	33.1	33.1	32.1
Worst Pair	36	36	36	36
PS NEXT (dB)	16.7	16.2	18.8	16.8
Freq. (MHz)	4.0	67.0	84.3	84.0
Limit (dB)	50.5	30.1	28.4	28.4



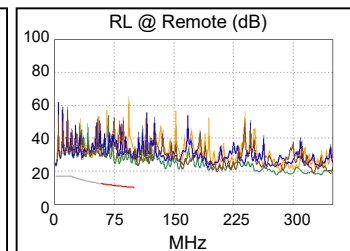
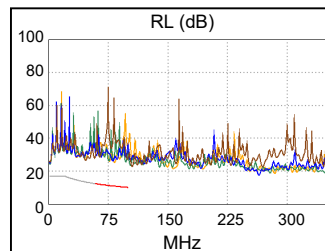
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	78-36	78-36	36-78
ACR-F (dB)	23.5	23.5	24.0	24.0
Freq. (MHz)	59.0	59.0	100.0	100.0
Limit (dB)	22.0	22.0	17.4	17.4
Worst Pair	36	36	36	36
PS ACR-F (dB)	24.5	24.5	25.3	25.3
Freq. (MHz)	4.8	4.6	100.0	100.0
Limit (dB)	40.9	41.1	14.4	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	12-45	36-78
ACR-N (dB)	19.9	20.9	37.6	33.1
Freq. (MHz)	4.0	4.3	95.5	84.0
Limit (dB)	49.1	48.5	7.0	9.6
Worst Pair	36	36	36	36
PS ACR-N (dB)	20.4	22.4	37.1	35.0
Freq. (MHz)	4.0	4.0	84.3	84.0
Limit (dB)	46.1	46.1	6.5	6.6



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	36	12	36
RL (dB)	14.3	13.3	14.3	13.3
Freq. (MHz)	83.0	76.0	83.0	76.0
Limit (dB)	10.8	11.2	10.8	11.2



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive



Cable ID: SALA POLIVALENTE PTO 12

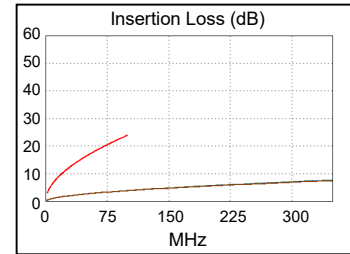
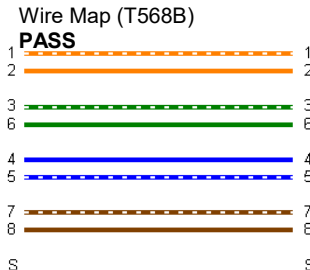
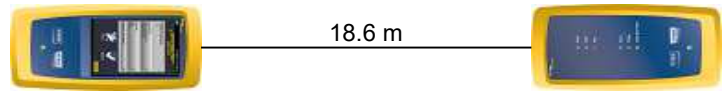
Test Summary: PASS

Date / Time: 08/21/2018 03:41:00 PM
Headroom 15.0 dB (NEXT 36-78)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

Length (m), Limit 100.0	[Pair 78]	18.6
Prop. Delay (ns), Limit 555	[Pair 45]	93
Delay Skew (ns), Limit 50	[Pair 36]	2
Resistance (ohms)	[Pair 45]	3.41
Insertion Loss Margin (dB)	[Pair 12]	20.1
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0



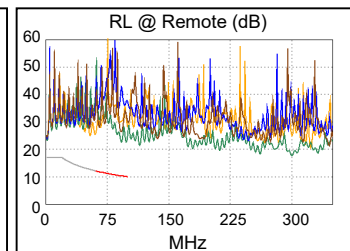
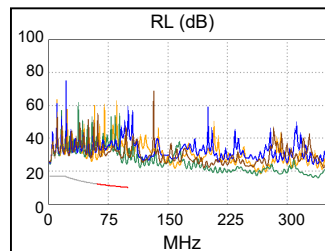
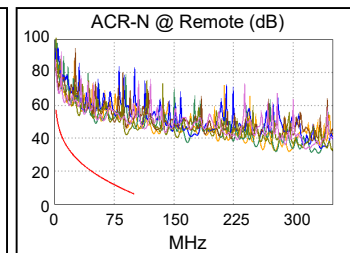
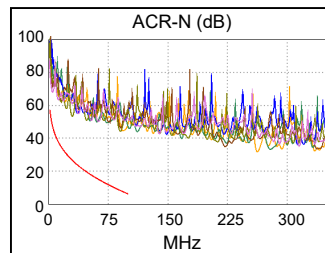
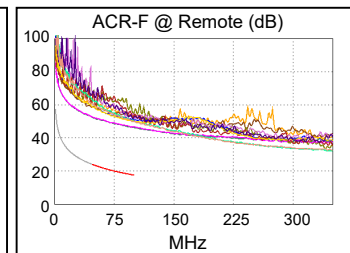
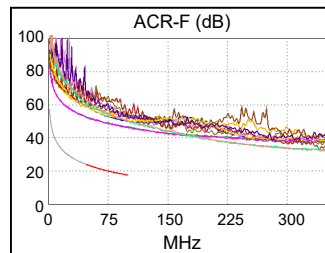
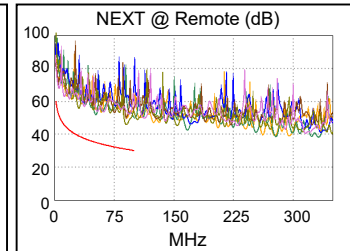
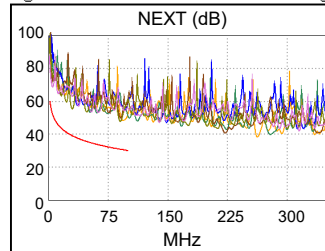
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-78	36-78
NEXT (dB)	16.3	15.0	17.1	15.1
Freq. (MHz)	29.8	90.0	90.3	90.8
Limit (dB)	39.1	30.9	30.8	30.8
Worst Pair	36	36	36	36
PS NEXT (dB)	16.8	15.7	16.8	15.8
Freq. (MHz)	91.0	89.8	91.0	91.0
Limit (dB)	27.8	27.9	27.8	27.8

PASS	MAIN	SR	MAIN	SR
Worst Pair	45-12	12-45	45-12	12-45
ACR-F (dB)	28.1	28.1	28.7	28.8
Freq. (MHz)	20.8	20.8	100.0	100.0
Limit (dB)	31.1	31.1	17.4	17.4
Worst Pair	12	45	12	45
PS ACR-F (dB)	29.3	29.5	29.8	29.8
Freq. (MHz)	1.3	1.5	100.0	99.0
Limit (dB)	52.5	50.9	14.4	14.5

N/A	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	36-78	36-78
ACR-N (dB)	20.1	20.4	36.2	34.2
Freq. (MHz)	4.0	4.5	90.5	90.8
Limit (dB)	49.1	48.0	8.1	8.0
Worst Pair	45	45	36	36
PS ACR-N (dB)	21.8	21.3	35.9	34.9
Freq. (MHz)	4.0	4.5	91.0	91.0
Limit (dB)	46.1	45.0	5.0	5.0

PASS	MAIN	SR	MAIN	SR
Worst Pair	36	36	36	36
RL (dB)	14.3	12.3	14.3	12.6
Freq. (MHz)	98.3	92.3	98.3	98.3
Limit (dB)	10.1	10.4	10.1	10.1

Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive





Cable ID: SALA POLIVALENTE PTO 13

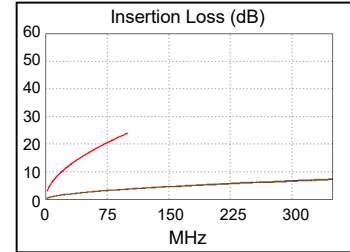
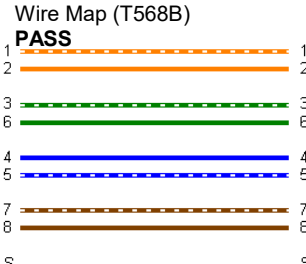
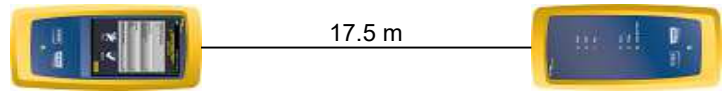
Test Summary: PASS

Date / Time: 08/21/2018 03:43:24 PM
Headroom 18.1 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

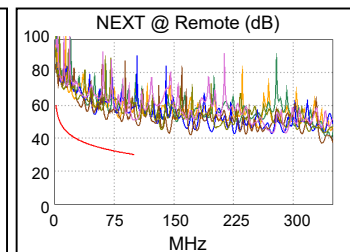
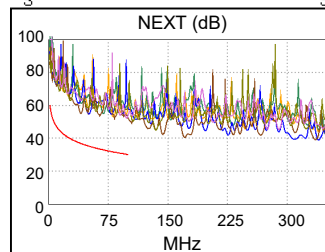
Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

Length (m), Limit 100.0	[Pair 78]	17.5
Prop. Delay (ns), Limit 555	[Pair 45]	89
Delay Skew (ns), Limit 50	[Pair 45]	3
Resistance (ohms)	[Pair 45]	3.24
Insertion Loss Margin (dB)	[Pair 36]	20.3
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0

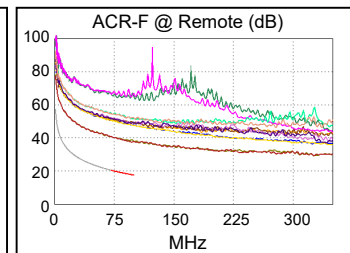
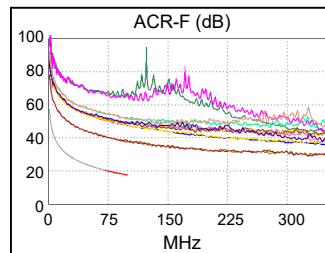


Worst Case Margin Worst Case Value

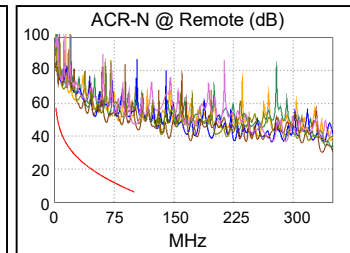
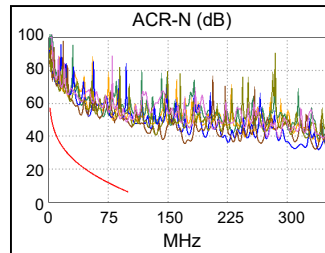
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	18.3	18.1	20.6	19.0
Freq. (MHz)	40.8	65.3	82.8	84.5
Limit (dB)	36.8	33.3	31.5	31.3
Worst Pair	45	36	36	36
PS NEXT (dB)	19.9	20.2	20.9	20.2
Freq. (MHz)	40.8	84.3	82.8	84.3
Limit (dB)	33.8	28.4	28.5	28.4



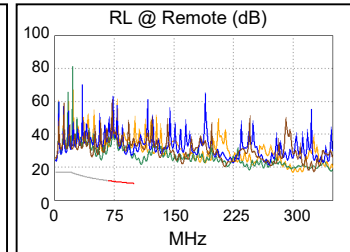
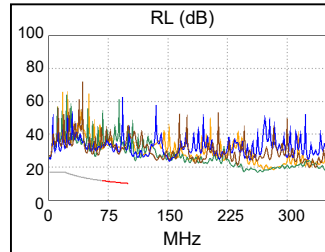
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	19.7	19.6	19.8	19.9
Freq. (MHz)	96.0	33.3	96.8	97.8
Limit (dB)	17.8	27.0	17.7	17.6
Worst Pair	36	36	36	36
PS ACR-F (dB)	22.1	21.9	22.8	22.6
Freq. (MHz)	39.5	33.3	100.0	100.0
Limit (dB)	22.5	24.0	14.4	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	26.9	24.3	42.5	37.6
Freq. (MHz)	4.5	4.1	100.0	84.5
Limit (dB)	48.0	48.8	6.1	9.4
Worst Pair	36	36	45	36
PS ACR-N (dB)	28.4	26.0	42.7	38.7
Freq. (MHz)	1.6	4.1	99.5	84.3
Limit (dB)	53.9	45.8	3.2	6.5



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	36	78	36
RL (dB)	17.5	15.4	17.6	15.4
Freq. (MHz)	88.3	97.5	88.5	97.5
Limit (dB)	10.6	10.1	10.5	10.1



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive



Cable ID: SALA POLIVALENTE PTO 14

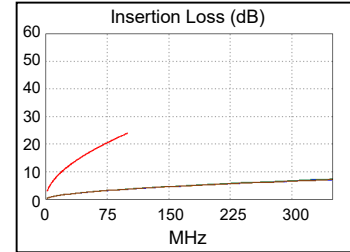
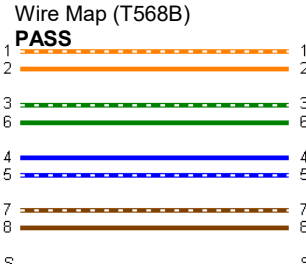
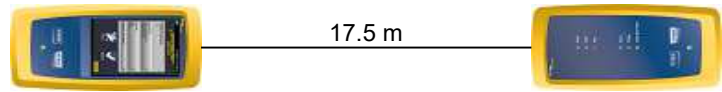
Test Summary: PASS

Date / Time: 08/21/2018 03:45:20 PM
Headroom 15.6 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

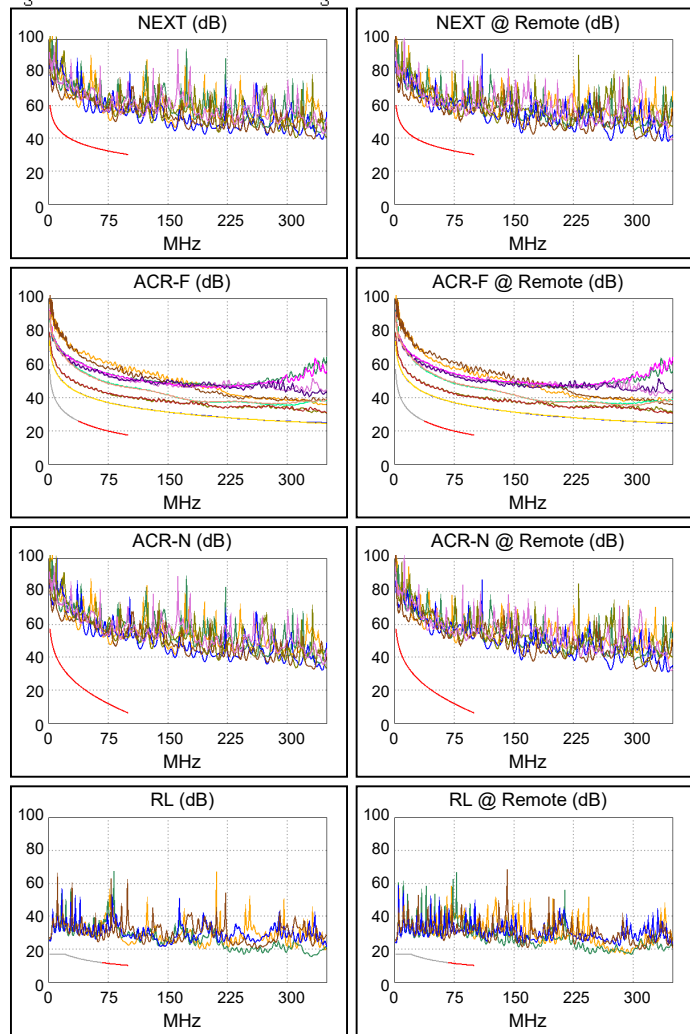
Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

Length (m), Limit 100.0	[Pair 78]	17.5
Prop. Delay (ns), Limit 555	[Pair 45]	89
Delay Skew (ns), Limit 50	[Pair 45]	3
Resistance (ohms)	[Pair 45]	3.23
Insertion Loss Margin (dB)	[Pair 12]	20.3
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	15.6	15.8	18.7	18.8
Freq. (MHz)	4.5	4.5	84.3	83.0
Limit (dB)	52.7	52.7	31.4	31.5
Worst Pair	36	36	36	36
PS NEXT (dB)	18.2	18.2	19.5	19.7
Freq. (MHz)	4.6	4.5	84.3	83.0
Limit (dB)	49.5	49.7	28.4	28.5
PASS				
Worst Pair	12-78	12-78	12-78	12-78
ACR-F (dB)	17.1	17.1	17.2	17.2
Freq. (MHz)	79.8	91.5	100.0	100.0
Limit (dB)	19.4	18.2	17.4	17.4
Worst Pair	12	78	78	78
PS ACR-F (dB)	19.7	19.6	19.8	19.8
Freq. (MHz)	1.4	1.4	100.0	100.0
Limit (dB)	51.6	51.6	14.4	14.4
N/A				
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	19.6	19.7	37.3	37.2
Freq. (MHz)	4.5	4.3	84.3	83.0
Limit (dB)	48.0	48.5	9.5	9.8
Worst Pair	36	36	36	36
PS ACR-N (dB)	22.2	22.1	38.0	38.0
Freq. (MHz)	4.5	4.3	84.3	83.0
Limit (dB)	45.0	45.5	6.5	6.8
PASS				
Worst Pair	12	78	12	12
RL (dB)	12.4	15.1	12.4	16.3
Freq. (MHz)	100.0	68.8	100.0	100.0
Limit (dB)	10.0	11.6	10.0	10.0



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive



Cable ID: SALA POLIVALENTE PTO 15

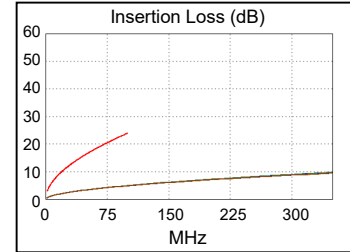
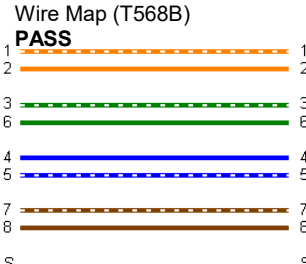
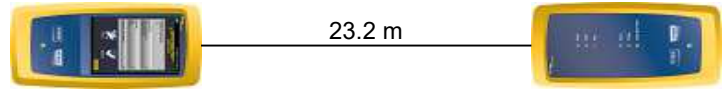
Test Summary: PASS

Date / Time: 08/21/2018 03:47:41 PM
Headroom 16.3 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

Length (m), Limit 100.0	[Pair 78]	23.2
Prop. Delay (ns), Limit 555	[Pair 45]	118
Delay Skew (ns), Limit 50	[Pair 36]	4
Resistance (ohms)	[Pair 45]	4.33
Insertion Loss Margin (dB)	[Pair 36]	19.0
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



Worst Case Margin Worst Case Value

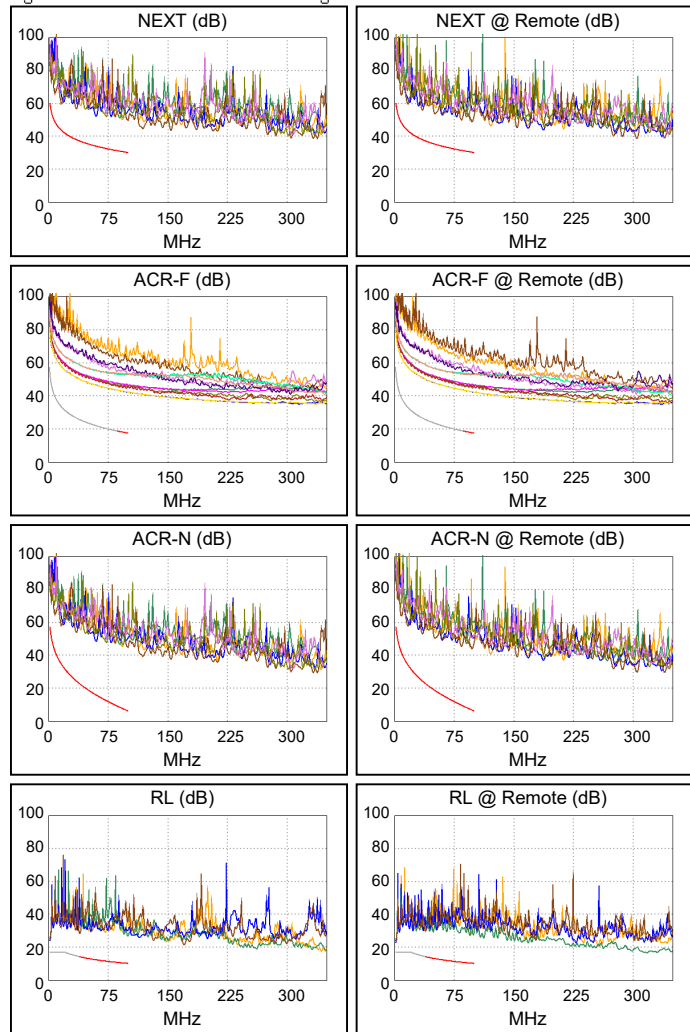
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	16.7	16.3	19.7	18.6
Freq. (MHz)	15.5	16.5	100.0	97.5
Limit (dB)	43.8	43.4	30.1	30.3
Worst Pair	45	36	36	36
PS NEXT (dB)	19.1	18.6	19.9	19.9
Freq. (MHz)	15.5	16.3	93.3	93.0
Limit (dB)	40.8	40.5	27.6	27.6

PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	78-12
ACR-F (dB)	24.1	24.1	24.8	24.8
Freq. (MHz)	21.8	21.8	100.0	100.0
Limit (dB)	30.7	30.7	17.4	17.4
Worst Pair	12	12	12	12
PS ACR-F (dB)	25.0	25.2	26.5	26.4
Freq. (MHz)	1.1	2.1	100.0	100.0
Limit (dB)	53.4	47.9	14.4	14.4

N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	22.4	21.8	38.8	37.5
Freq. (MHz)	7.6	7.8	100.0	97.5
Limit (dB)	42.8	42.6	6.1	6.6
Worst Pair	36	36	36	36
PS ACR-N (dB)	24.2	23.8	38.2	38.2
Freq. (MHz)	7.1	7.8	93.3	93.0
Limit (dB)	40.5	39.6	4.5	4.5

PASS	MAIN	SR	MAIN	SR
Worst Pair	78	78	36	36
RL (dB)	14.1	15.6	16.7	16.8
Freq. (MHz)	39.3	38.8	99.5	94.5
Limit (dB)	14.1	14.1	10.0	10.3

Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive





Cable ID: SALA POLIVALENTE PTO 16

Date / Time: 08/21/2018 03:48:56 PM
Headroom -1.6 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

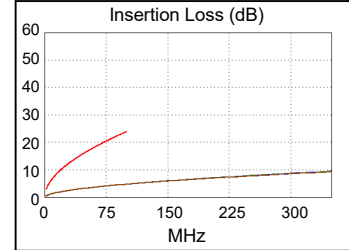
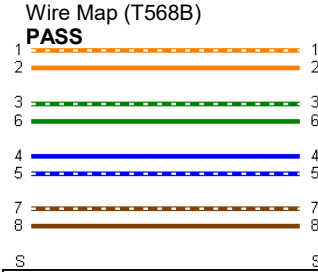
Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Test Summary: FAIL

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

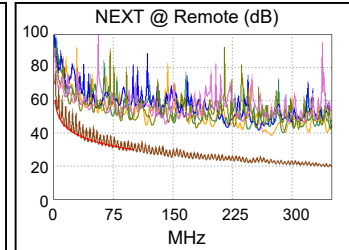
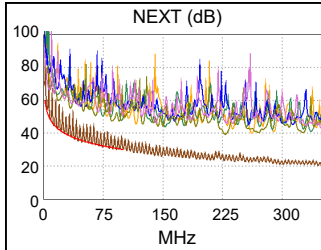
Length (m), Limit 100.0	[Pair 78]	23.0
Prop. Delay (ns), Limit 555	[Pair 45]	116
Delay Skew (ns), Limit 50	[Pair 45]	3
Resistance (ohms)	[Pair 45]	4.25
Insertion Loss Margin (dB)	[Pair 12]	19.2
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0

Patch Cable BAD or Patch Cable too short

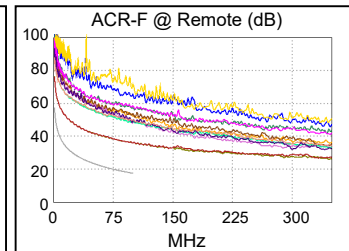
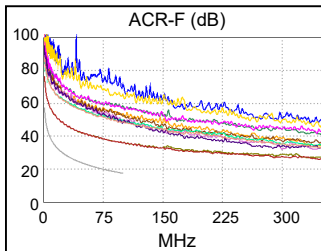


Worst Case Margin Worst Case Value

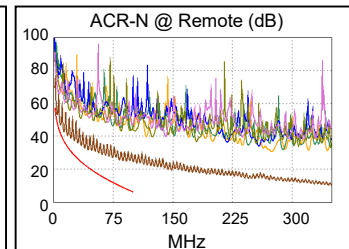
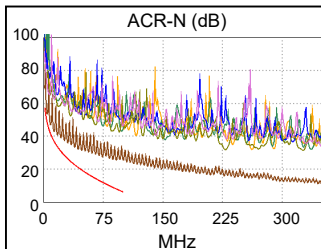
	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	-1.2F	-1.6F	-0.7	-0.7
Freq. (MHz)	43.5	82.8	91.5	100.0
Limit (dB)	36.3	31.5	30.7	30.1
Worst Pair	36	36	36	36
PS NEXT (dB)	1.8	1.4	2.3	2.2
Freq. (MHz)	43.5	82.8	91.5	100.0
Limit (dB)	33.3	28.5	27.7	27.1



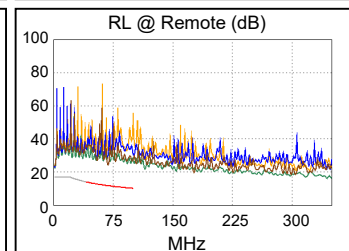
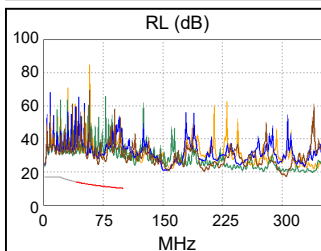
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	45-36	36-45
ACR-F (dB)	17.9	17.9	18.4	18.4
Freq. (MHz)	43.8	4.3	99.5	99.5
Limit (dB)	24.6	44.8	17.4	17.4
Worst Pair	45	36	36	36
PS ACR-F (dB)	20.7	20.7	21.0	21.2
Freq. (MHz)	43.8	43.8	99.5	99.5
Limit (dB)	21.6	21.6	14.4	14.4



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	5.1	4.9	17.5	18.5
Freq. (MHz)	4.0	4.1	91.5	100.0
Limit (dB)	49.1	48.8	7.9	6.1
Worst Pair	45	45	36	36
PS ACR-N (dB)	8.0	7.8	20.5	21.4
Freq. (MHz)	4.0	4.1	91.5	100.0
Limit (dB)	46.1	45.8	4.9	3.1



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	78	78	78	78
RL (dB)	12.9	12.5	13.0	12.5
Freq. (MHz)	68.5	68.5	68.8	68.5
Limit (dB)	11.7	11.7	11.6	11.7





Cable ID: SALA POLIVALENTE PTO 17

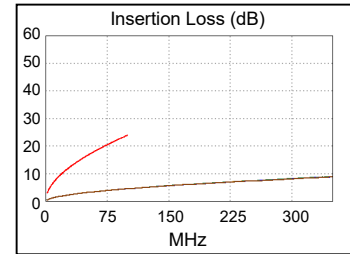
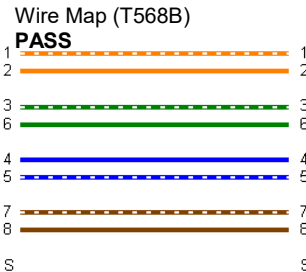
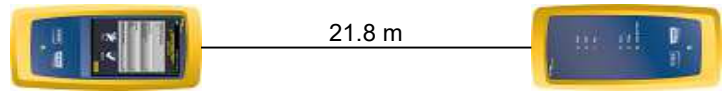
Test Summary: PASS

Date / Time: 08/21/2018 03:57:34 PM
Headroom 15.6 dB (NEXT 36-78)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

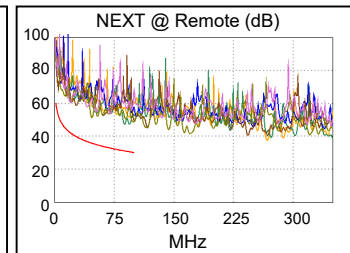
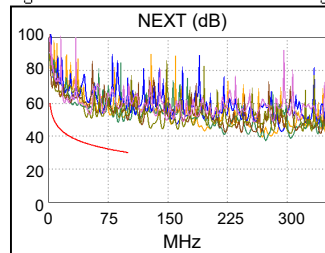
Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

Length (m), Limit 100.0	[Pair 78]	21.8
Prop. Delay (ns), Limit 555	[Pair 45]	109
Delay Skew (ns), Limit 50	[Pair 36]	2
Resistance (ohms)	[Pair 45]	4.02
Insertion Loss Margin (dB)	[Pair 12]	19.5
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0

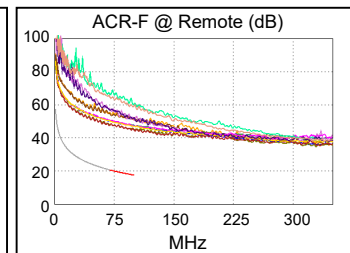
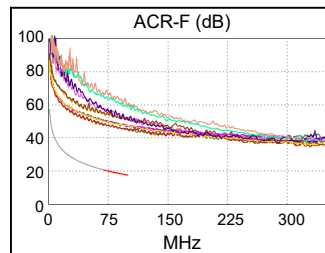


Worst Case Margin Worst Case Value

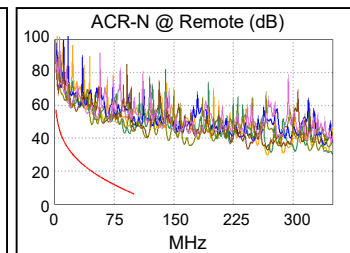
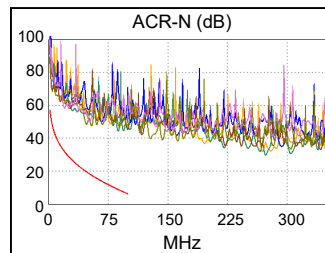
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	12-45	12-45
NEXT (dB)	16.0	15.6	17.4	16.8
Freq. (MHz)	47.3	46.8	87.5	94.3
Limit (dB)	35.7	35.7	31.1	30.5
Worst Pair	36	36	12	12
PS NEXT (dB)	17.6	17.7	19.4	18.4
Freq. (MHz)	48.0	47.3	94.0	94.3
Limit (dB)	32.5	32.7	27.5	27.5



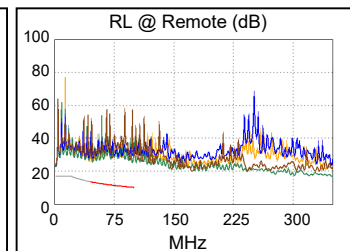
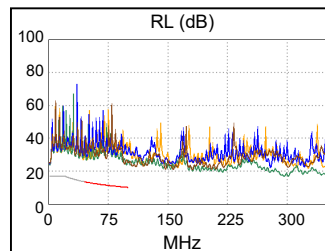
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	26.4	26.4	27.2	27.2
Freq. (MHz)	59.8	59.8	100.0	100.0
Limit (dB)	21.9	21.9	17.4	17.4
Worst Pair	12	45	45	45
PS ACR-F (dB)	27.3	27.3	28.2	28.6
Freq. (MHz)	1.4	4.0	100.0	100.0
Limit (dB)	51.6	42.4	14.4	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	12-45	12-45
ACR-N (dB)	20.2	20.8	35.5	35.6
Freq. (MHz)	3.9	3.8	87.5	94.3
Limit (dB)	49.4	49.7	8.8	7.3
Worst Pair	45	45	12	36
PS ACR-N (dB)	22.7	22.9	38.2	38.3
Freq. (MHz)	3.9	3.8	94.0	100.0
Limit (dB)	46.4	46.7	4.3	3.1



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	36	36	36
RL (dB)	13.3	12.2	13.7	15.1
Freq. (MHz)	43.8	47.8	98.0	97.8
Limit (dB)	13.6	13.2	10.1	10.1



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive



Cable ID: SALA POLIVALENTE PTO 18

Date / Time: 08/21/2018 04:00:37 PM
Headroom -1.1 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

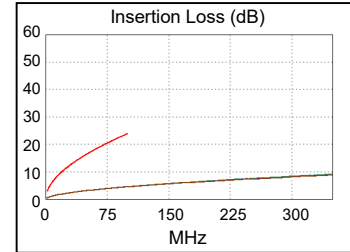
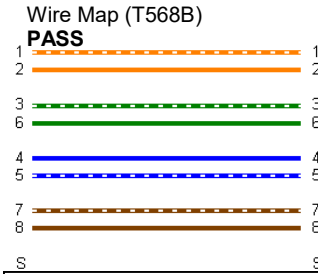
Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Test Summary: FAIL

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

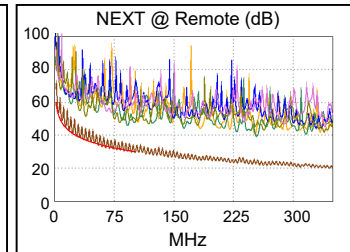
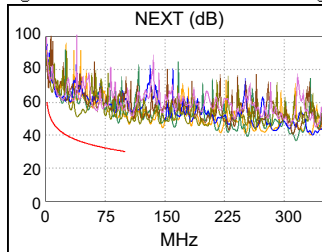
Length (m), Limit 100.0	[Pair 78]	21.8
Prop. Delay (ns), Limit 555	[Pair 45]	110
Delay Skew (ns), Limit 50	[Pair 45]	3
Resistance (ohms)	[Pair 36]	4.04
Insertion Loss Margin (dB)	[Pair 12]	19.4
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0

Patch Cable BAD or Patch Cable too short

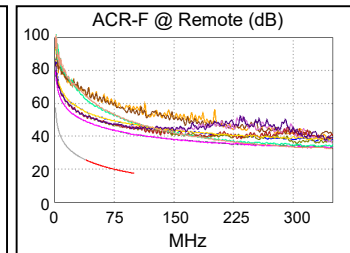
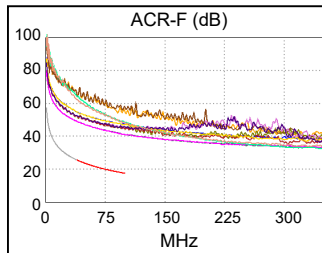


Worst Case Margin Worst Case Value

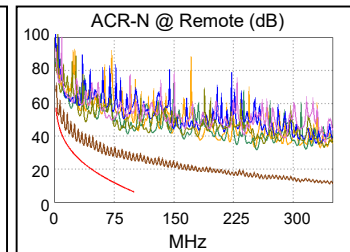
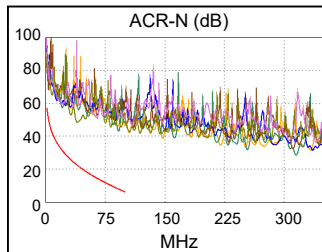
FAIL	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-45	12-45	36-45
NEXT (dB)	14.2	-1.1F	16.8	-0.5
Freq. (MHz)	39.5	64.3	91.8	96.5
Limit (dB)	37.0	33.4	30.7	30.3
Worst Pair	36	36	12	36
PS NEXT (dB)	16.7	1.9	18.0	2.5
Freq. (MHz)	39.5	64.3	91.3	96.5
Limit (dB)	34.0	30.4	27.8	27.3



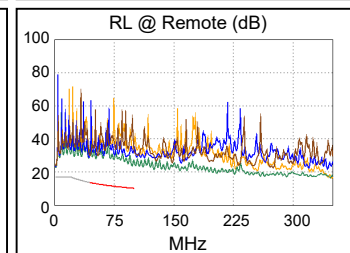
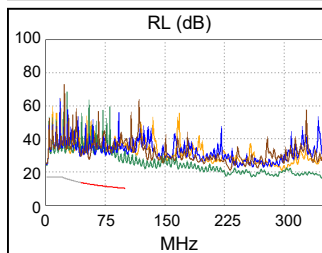
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	45-12	12-45
ACR-F (dB)	22.9	22.9	23.5	23.5
Freq. (MHz)	4.4	7.6	100.0	100.0
Limit (dB)	44.6	39.8	17.4	17.4
Worst Pair	45	45	45	45
PS ACR-F (dB)	24.0	24.1	24.4	24.5
Freq. (MHz)	3.5	1.4	100.0	100.0
Limit (dB)	43.5	51.6	14.4	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	12-45	36-45
ACR-N (dB)	21.1	5.2	35.3	18.5
Freq. (MHz)	3.4	4.5	91.8	96.5
Limit (dB)	50.7	48.0	7.8	6.8
Worst Pair	45	36	12	36
PS ACR-N (dB)	22.9	8.2	36.5	21.5
Freq. (MHz)	3.4	4.5	91.3	96.5
Limit (dB)	47.7	45.0	4.9	3.8



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	36	36	36
RL (dB)	15.1	13.5	15.3	13.5
Freq. (MHz)	54.8	97.3	97.3	97.3
Limit (dB)	12.6	10.1	10.1	10.1





Cable ID: SALA POLIVALENTE PTO 19

Date / Time: 08/21/2018 04:04:26 PM
Headroom -1.0 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

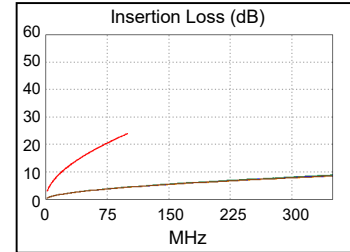
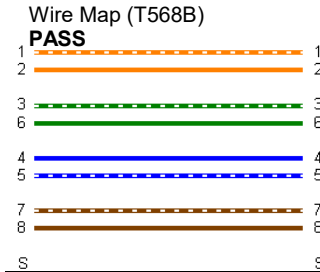
Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Test Summary: FAIL

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

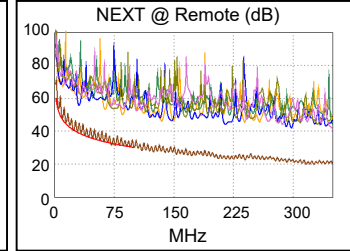
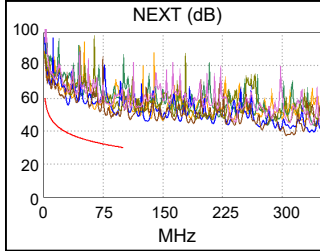
Length (m), Limit 100.0	[Pair 78]	20.8
Prop. Delay (ns), Limit 555	[Pair 45]	106
Delay Skew (ns), Limit 50	[Pair 45]	4
Resistance (ohms)	[Pair 45]	3.86
Insertion Loss Margin (dB)	[Pair 36]	19.5
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0

Patch Cable BAD or Patch Cable too short

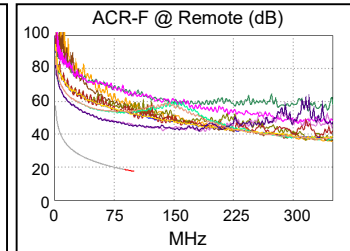
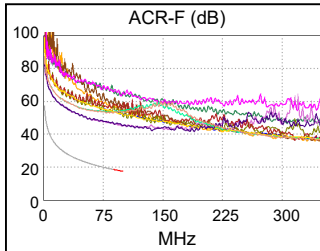


Worst Case Margin Worst Case Value

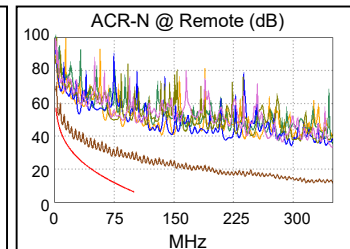
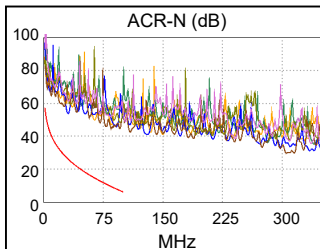
FAIL	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	17.1	-1.0F	17.2	0.1
Freq. (MHz)	4.4	71.8	84.8	100.0
Limit (dB)	52.9	32.6	31.3	30.1
Worst Pair	36	36	36	36
PS NEXT (dB)	18.2	2.0	18.2	3.1
Freq. (MHz)	84.8	71.8	84.8	100.0
Limit (dB)	28.3	29.6	28.3	27.1



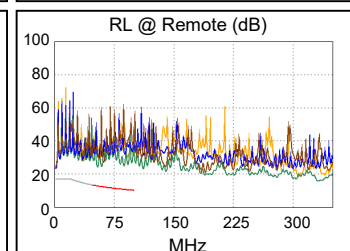
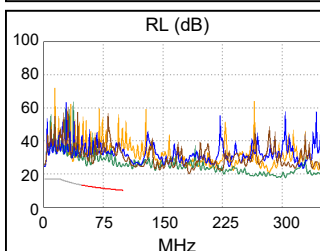
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	78-36	36-78	78-36
ACR-F (dB)	26.7	26.7	27.5	27.4
Freq. (MHz)	60.5	60.5	99.3	98.8
Limit (dB)	21.8	21.8	17.5	17.5
Worst Pair	78	78	78	78
PS ACR-F (dB)	27.2	27.8	29.3	29.5
Freq. (MHz)	1.1	1.8	99.3	99.8
Limit (dB)	53.4	49.5	14.5	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	20.8	5.5	35.1	19.7
Freq. (MHz)	3.9	4.8	84.8	100.0
Limit (dB)	49.4	47.5	9.4	6.1
Worst Pair	36	36	36	36
PS ACR-N (dB)	22.1	8.3	36.0	22.6
Freq. (MHz)	3.9	4.6	84.8	100.0
Limit (dB)	46.4	44.7	6.4	3.1



PASS	MAIN	SR	MAIN	SR
Worst Pair	36	36	36	36
RL (dB)	12.2	11.5	14.2	11.5
Freq. (MHz)	54.0	54.0	97.5	54.0
Limit (dB)	12.7	12.7	10.1	12.7





Cable ID: SALA POLIVALENTE PTO 21

Date / Time: 08/21/2018 04:09:59 PM
Headroom -1.9 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

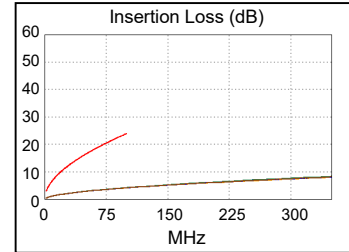
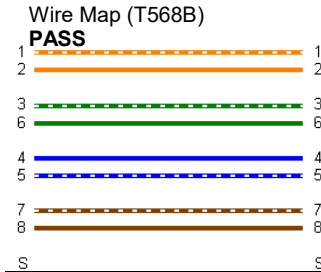
Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Test Summary: FAIL

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

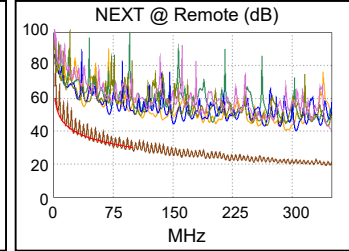
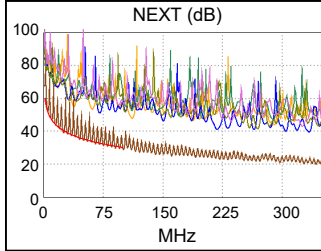
Length (m), Limit 100.0	[Pair 78]	19.8
Prop. Delay (ns), Limit 555	[Pair 45]	100
Delay Skew (ns), Limit 50	[Pair 36]	3
Resistance (ohms)	[Pair 45]	3.67
Insertion Loss Margin (dB)	[Pair 36]	19.8
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0

Patch Cable BAD or Patch Cable too short

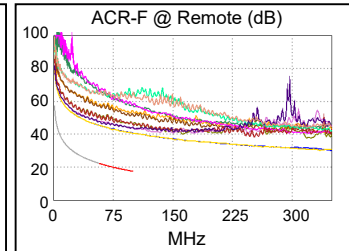
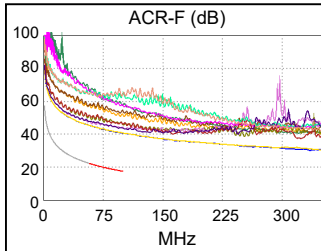


Worst Case Margin Worst Case Value

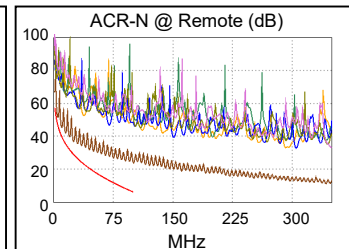
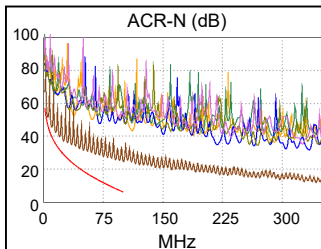
	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	-1.4F	-1.9F	-1.1	-1.9
Freq. (MHz)	24.9	100.0	100.0	100.0
Limit (dB)	40.4	30.1	30.1	30.1
Worst Pair	36	36	36	36
PS NEXT (dB)	1.6	1.1	1.9	1.1
Freq. (MHz)	24.9	100.0	100.0	100.0
Limit (dB)	37.4	27.1	27.1	27.1



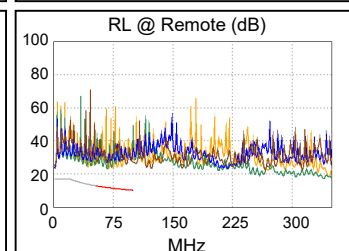
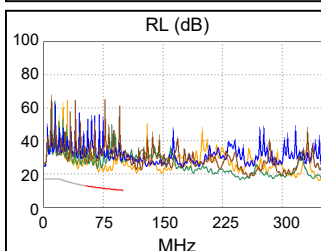
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-78	78-12	12-78	12-78
ACR-F (dB)	22.4	22.4	23.1	23.2
Freq. (MHz)	4.8	4.8	100.0	100.0
Limit (dB)	43.9	43.9	17.4	17.4
Worst Pair	78	78	78	78
PS ACR-F (dB)	23.1	23.1	24.6	24.4
Freq. (MHz)	4.4	1.0	100.0	100.0
Limit (dB)	41.6	54.4	14.4	14.4



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	4.6	4.5	18.7	17.9
Freq. (MHz)	4.9	4.8	100.0	100.0
Limit (dB)	47.2	47.5	6.1	6.1
Worst Pair	36	36	36	36
PS ACR-N (dB)	7.6	7.5	21.7	20.9
Freq. (MHz)	5.0	4.8	100.0	100.0
Limit (dB)	44.0	44.5	3.1	3.1



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	36	12	36
RL (dB)	9.9	11.3	10.1	11.3
Freq. (MHz)	69.5	67.5	75.0	67.5
Limit (dB)	11.6	11.7	11.3	11.7





Cable ID: SALA POLIVALENTE PTO 22

Date / Time: 08/21/2018 04:12:30 PM
Headroom -2.1 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

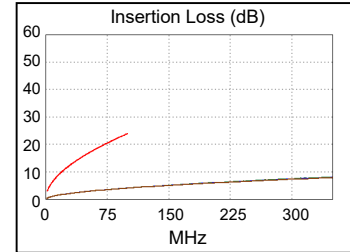
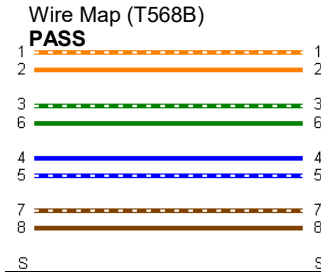
Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Test Summary: FAIL

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

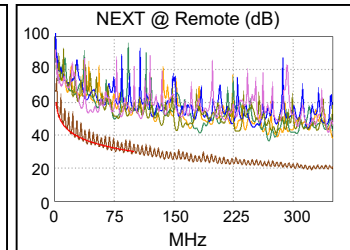
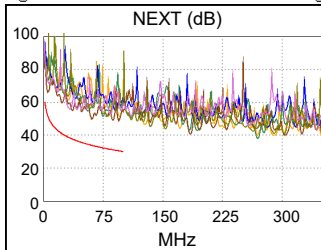
Length (m), Limit 100.0	[Pair 78]	19.6
Prop. Delay (ns), Limit 555	[Pair 45]	98
Delay Skew (ns), Limit 50	[Pair 36]	2
Resistance (ohms)	[Pair 45]	3.62
Insertion Loss Margin (dB)	[Pair 12]	19.9
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0

Patch Cable BAD or Patch Cable too short

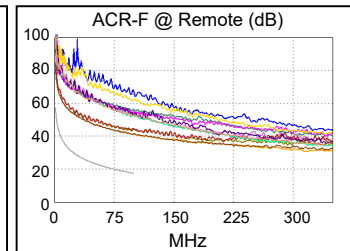
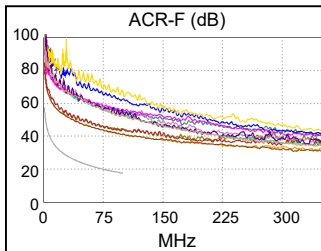


Worst Case Margin Worst Case Value

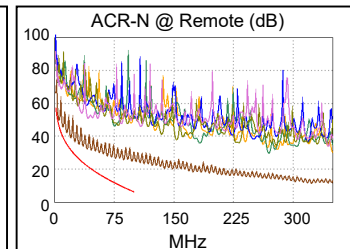
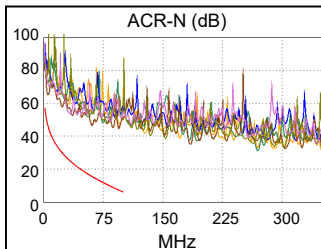
FAIL	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	14.1	-2.1F	18.4	-1.5
Freq. (MHz)	4.8	40.8	94.8	97.3
Limit (dB)	52.3	36.8	30.5	30.3
Worst Pair	45	36	36	36
PS NEXT (dB)	15.8	0.9	19.5	1.5
Freq. (MHz)	4.8	40.8	95.0	97.3
Limit (dB)	49.3	33.8	27.5	27.3



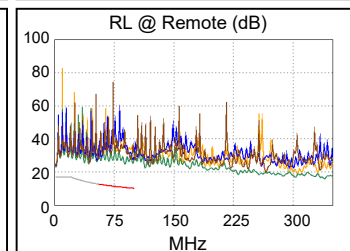
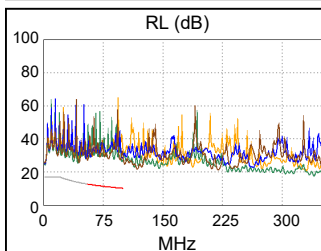
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-12	12-36	36-12	12-36
ACR-F (dB)	23.0	23.0	23.5	23.5
Freq. (MHz)	4.4	4.4	98.5	98.5
Limit (dB)	44.6	44.6	17.5	17.5
Worst Pair	36	36	36	36
PS ACR-F (dB)	24.0	23.8	24.4	24.5
Freq. (MHz)	4.4	4.4	97.8	97.5
Limit (dB)	41.6	41.6	14.6	14.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	18.1	3.4	37.7	18.2
Freq. (MHz)	4.8	5.0	94.8	97.3
Limit (dB)	47.5	47.0	7.2	6.6
Worst Pair	45	36	36	36
PS ACR-N (dB)	19.8	6.4	38.9	21.2
Freq. (MHz)	4.8	5.0	95.0	97.5
Limit (dB)	44.5	44.0	4.1	3.6



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	36	36	36
RL (dB)	14.5	13.8	16.0	14.2
Freq. (MHz)	55.0	53.5	98.8	88.5
Limit (dB)	12.6	12.7	10.1	10.5





Cable ID: SALA POLIVALENTE PTO 20

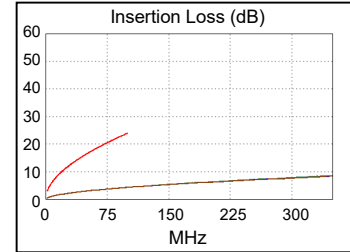
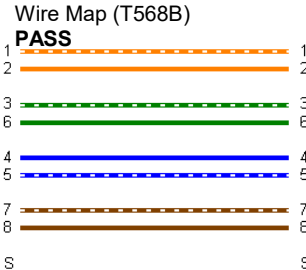
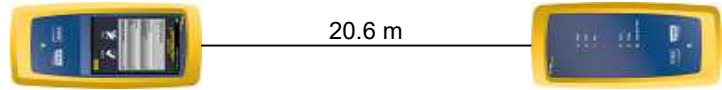
Test Summary: PASS

Date / Time: 08/21/2018 04:13:28 PM
Headroom 16.0 dB (NEXT 36-78)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

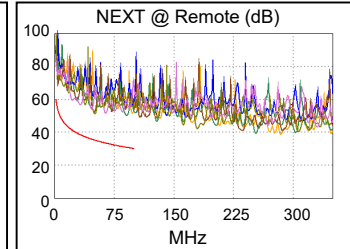
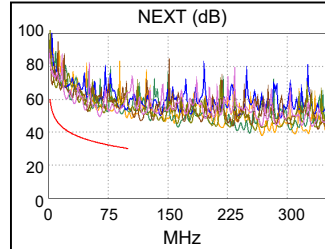
Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

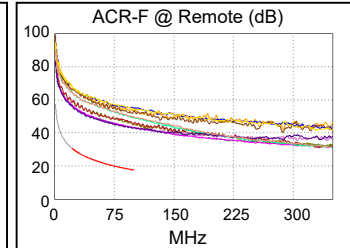
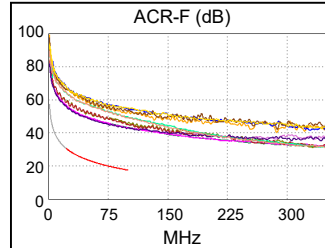
Length (m), Limit 100.0	[Pair 78]	20.6
Prop. Delay (ns), Limit 555	[Pair 45]	104
Delay Skew (ns), Limit 50	[Pair 45]	3
Resistance (ohms)	[Pair 45]	3.81
Insertion Loss Margin (dB)	[Pair 12]	19.7
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0



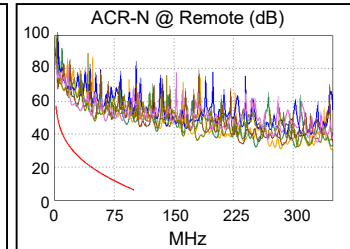
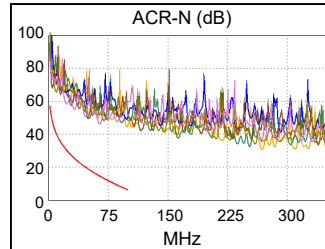
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-78	36-78	12-36	12-45
NEXT (dB)	16.2	16.0	18.7	19.4
Freq. (MHz)	64.3	50.5	98.5	90.8
Limit (dB)	33.4	35.2	30.2	30.8
Worst Pair	78	36	12	45
PS NEXT (dB)	17.9	16.5	19.5	20.7
Freq. (MHz)	64.3	49.8	98.5	90.5
Limit (dB)	30.4	32.3	27.2	27.8



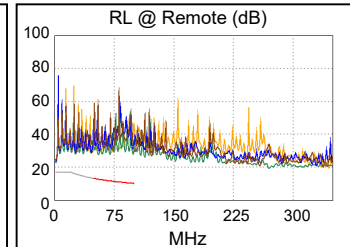
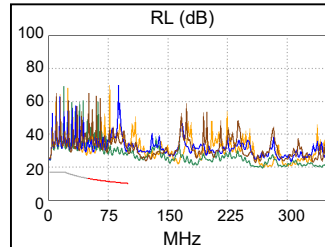
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	78-36	78-36	36-78
ACR-F (dB)	24.6	24.6	25.2	25.2
Freq. (MHz)	4.4	4.4	98.5	98.5
Limit (dB)	44.6	44.6	17.5	17.5
Worst Pair	45	45	36	45
PS ACR-F (dB)	25.2	25.0	25.9	25.9
Freq. (MHz)	1.5	1.5	99.0	100.0
Limit (dB)	50.9	50.9	14.5	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	12-36	12-45
ACR-N (dB)	19.9	20.9	38.2	38.1
Freq. (MHz)	4.0	3.8	98.5	90.8
Limit (dB)	49.1	49.7	6.4	8.0
Worst Pair	45	45	12	45
PS ACR-N (dB)	21.8	22.4	39.0	39.3
Freq. (MHz)	4.0	3.8	98.5	90.5
Limit (dB)	46.1	46.7	3.4	5.1



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	36	36	36
RL (dB)	15.0	15.0	17.1	15.0
Freq. (MHz)	48.5	55.3	98.8	55.3
Limit (dB)	13.2	12.6	10.1	12.6



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive



Cable ID: SALA POLIVALENTE PTO 25

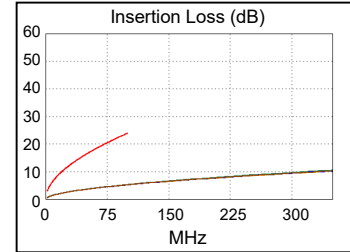
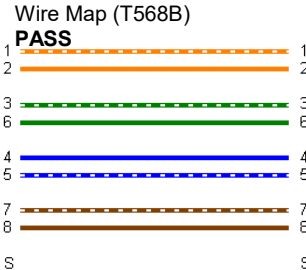
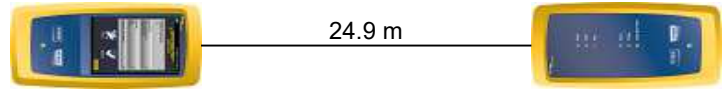
Test Summary: PASS

Date / Time: 08/21/2018 04:37:41 PM
Headroom 15.0 dB (NEXT 12-78)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

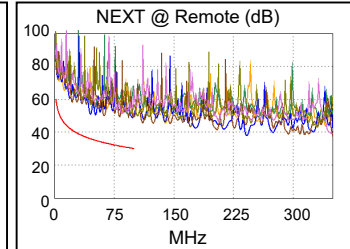
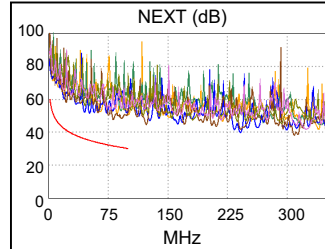
Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

Length (m), Limit 100.0	[Pair 78]	24.9
Prop. Delay (ns), Limit 555	[Pair 45]	126
Delay Skew (ns), Limit 50	[Pair 36]	4
Resistance (ohms)	[Pair 45]	4.66
Insertion Loss Margin (dB)	[Pair 36]	18.7
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0

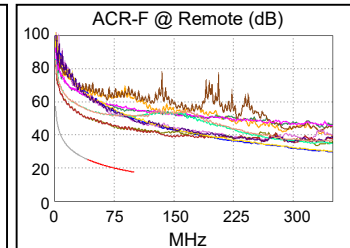
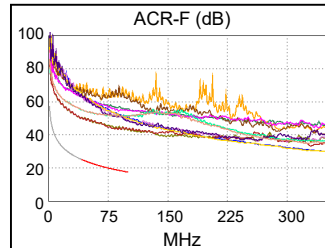


Worst Case Margin Worst Case Value

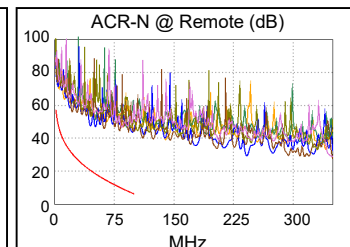
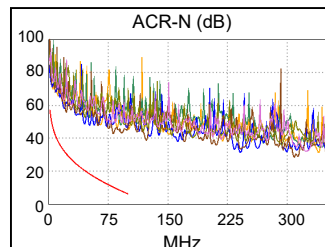
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	12-78	36-45	12-78
NEXT (dB)	15.9	15.0	16.0	18.6
Freq. (MHz)	81.0	45.3	81.3	98.0
Limit (dB)	31.7	36.0	31.6	30.2
Worst Pair	12	12	45	36
PS NEXT (dB)	17.4	16.5	18.8	19.4
Freq. (MHz)	51.3	51.3	91.5	100.0
Limit (dB)	32.1	32.1	27.7	27.1



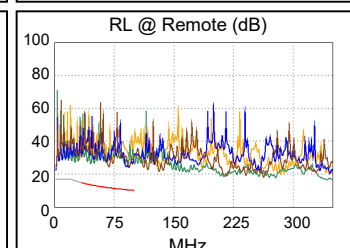
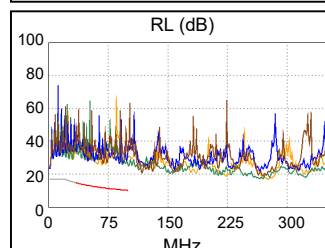
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	36-45	45-36
ACR-F (dB)	24.5	24.5	25.4	25.4
Freq. (MHz)	83.5	83.3	100.0	100.0
Limit (dB)	19.0	19.0	17.4	17.4
Worst Pair	45	45	45	36
PS ACR-F (dB)	25.9	25.7	27.6	27.4
Freq. (MHz)	3.1	3.3	100.0	100.0
Limit (dB)	44.5	44.2	14.4	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	36-45	12-78
ACR-N (dB)	21.6	21.7	32.7	37.1
Freq. (MHz)	2.0	2.8	81.3	98.0
Limit (dB)	55.3	52.5	10.2	6.5
Worst Pair	12	12	45	36
PS ACR-N (dB)	23.3	22.5	36.6	38.1
Freq. (MHz)	3.6	3.1	91.5	100.0
Limit (dB)	47.0	48.4	4.9	3.1



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	78	36	45
RL (dB)	13.8	12.8	15.4	13.7
Freq. (MHz)	67.3	68.3	100.0	93.5
Limit (dB)	11.7	11.7	10.0	10.3



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive



Cable ID: SALA POLIVALENTE PTO 23

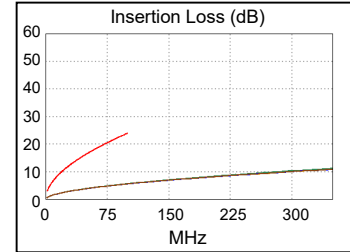
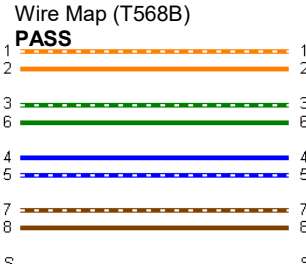
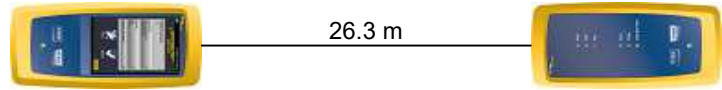
Test Summary: PASS

Date / Time: 08/21/2018 04:39:41 PM
Headroom 14.3 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

Length (m), Limit 100.0	[Pair 78]	26.3
Prop. Delay (ns), Limit 555	[Pair 45]	133
Delay Skew (ns), Limit 50	[Pair 36]	4
Resistance (ohms)	[Pair 45]	4.93
Insertion Loss Margin (dB)	[Pair 36]	18.3
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



Worst Case Margin Worst Case Value

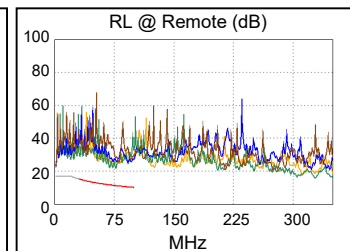
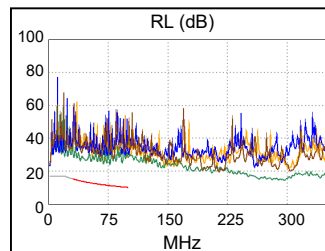
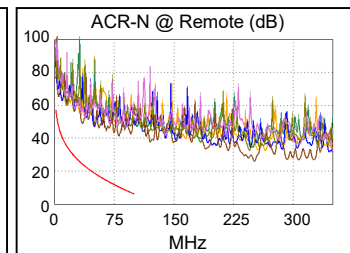
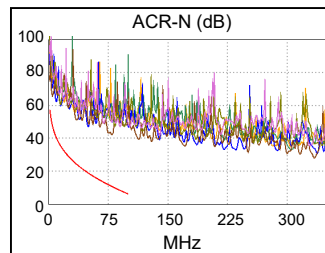
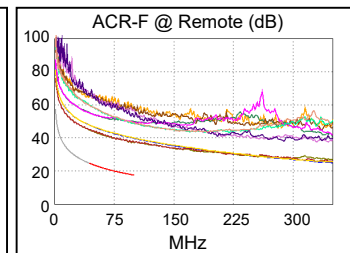
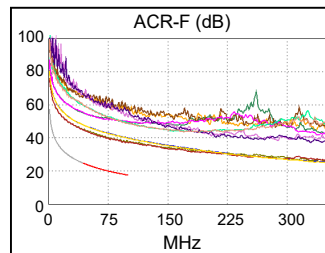
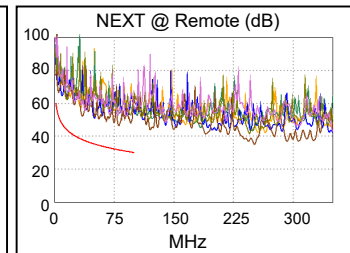
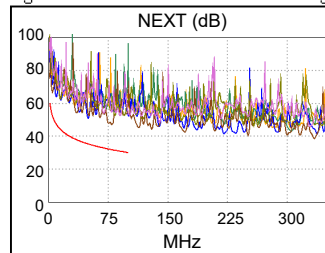
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	14.4	14.3	15.3	14.9
Freq. (MHz)	4.5	4.5	79.5	81.3
Limit (dB)	52.7	52.7	31.8	31.6
Worst Pair	36	36	45	45
PS NEXT (dB)	17.1	16.4	17.5	16.6
Freq. (MHz)	4.5	34.5	79.5	80.5
Limit (dB)	49.7	35.0	28.8	28.7

PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	19.3	19.3	19.6	19.7
Freq. (MHz)	92.5	77.0	100.0	100.0
Limit (dB)	18.1	19.7	17.4	17.4
Worst Pair	45	45	45	45
PS ACR-F (dB)	21.5	21.5	22.3	22.2
Freq. (MHz)	1.1	1.1	100.0	100.0
Limit (dB)	53.4	53.4	14.4	14.4

N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	17.9	17.9	31.6	31.3
Freq. (MHz)	4.0	4.5	79.5	81.3
Limit (dB)	49.1	48.0	10.6	10.2
Worst Pair	36	36	45	45
PS ACR-N (dB)	20.6	20.4	33.8	32.9
Freq. (MHz)	4.3	4.5	79.5	80.5
Limit (dB)	45.5	45.0	7.6	7.4

PASS	MAIN	SR	MAIN	SR
Worst Pair	36	36	36	36
RL (dB)	12.4	10.6	12.9	10.6
Freq. (MHz)	39.8	77.0	77.0	77.0
Limit (dB)	14.0	11.1	11.1	11.1

Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive





Cable ID: SALA POLIVALENTE PTO 24

Date / Time: 08/21/2018 04:42:30 PM
Headroom -1.7 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

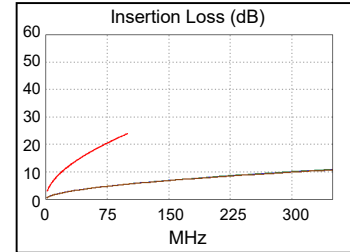
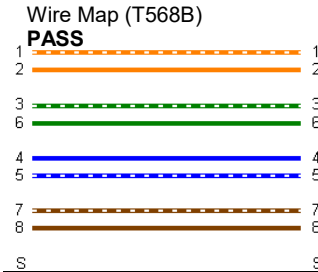
Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Test Summary: FAIL

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

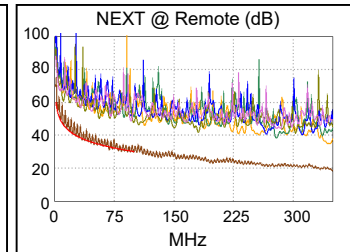
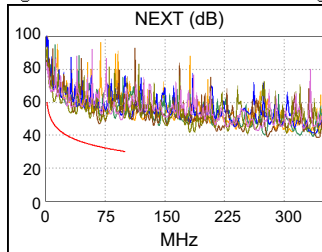
Length (m), Limit 100.0	[Pair 78]	26.3
Prop. Delay (ns), Limit 555	[Pair 45]	132
Delay Skew (ns), Limit 50	[Pair 45]	3
Resistance (ohms)	[Pair 45]	4.89
Insertion Loss Margin (dB)	[Pair 12]	18.5
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0

Patch Cable BAD or Patch Cable too short

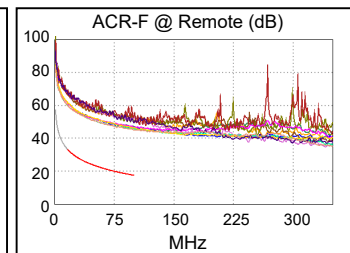
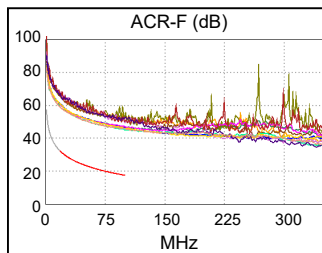


Worst Case Margin Worst Case Value

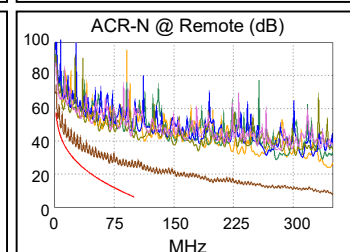
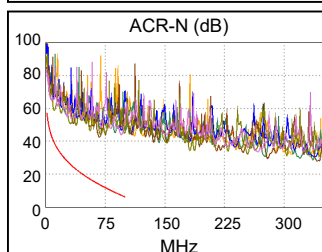
FAIL	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-45	36-45	36-45
NEXT (dB)	13.9	-1.7F	14.0	-0.4
Freq. (MHz)	10.6	68.8	67.8	99.5
Limit (dB)	46.6	32.9	33.0	30.1
Worst Pair	36	36	36	36
PS NEXT (dB)	15.1	1.3	15.1	2.5
Freq. (MHz)	68.5	68.8	68.5	99.5
Limit (dB)	29.9	29.9	29.9	27.1



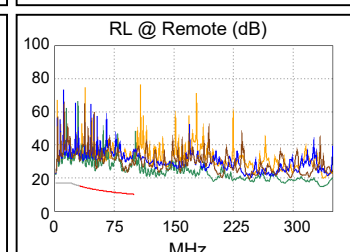
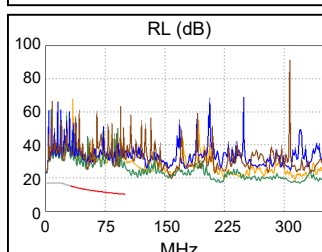
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	45-78	78-45
ACR-F (dB)	26.5	26.5	27.5	27.5
Freq. (MHz)	9.4	9.5	100.0	100.0
Limit (dB)	38.0	37.8	17.4	17.4
Worst Pair	78	78	78	45
PS ACR-F (dB)	26.0	26.0	27.3	27.8
Freq. (MHz)	1.4	1.5	100.0	100.0
Limit (dB)	51.6	50.9	14.4	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-45	36-45	36-45
ACR-N (dB)	19.4	4.8	28.9	18.0
Freq. (MHz)	10.5	3.8	67.8	99.5
Limit (dB)	39.4	49.7	13.6	6.2
Worst Pair	78	45	36	36
PS ACR-N (dB)	20.8	7.7	30.1	20.9
Freq. (MHz)	10.1	3.8	68.5	99.5
Limit (dB)	36.8	46.7	10.4	3.2



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	36	78	36
RL (dB)	12.2	11.5	12.2	12.8
Freq. (MHz)	52.8	51.0	52.8	89.0
Limit (dB)	12.8	12.9	12.8	10.5





Cable ID: SALA POLIVALENTE PTO 26

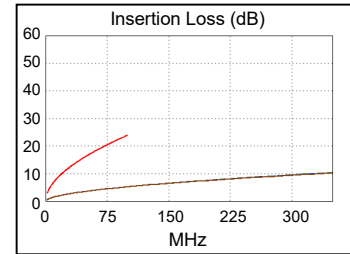
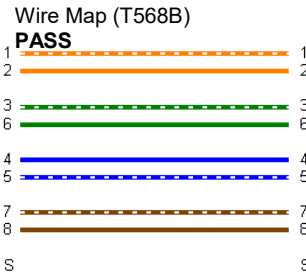
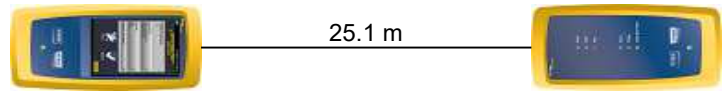
Date / Time: 08/21/2018 04:44:34 PM
Headroom 13.8 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Test Summary: PASS

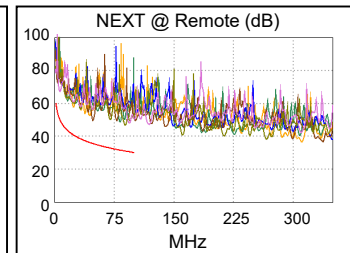
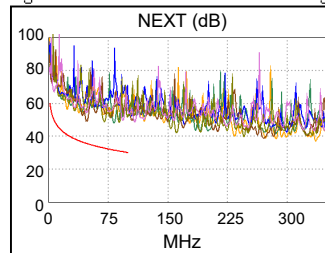
Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

Length (m), Limit 100.0	[Pair 78]	25.1
Prop. Delay (ns), Limit 555	[Pair 45]	126
Delay Skew (ns), Limit 50	[Pair 36]	3
Resistance (ohms)	[Pair 45]	4.67
Insertion Loss Margin (dB)	[Pair 12]	18.7
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0

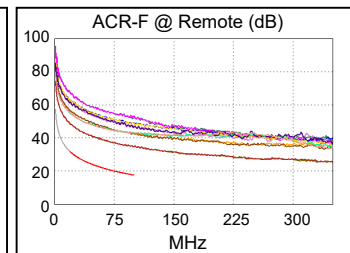
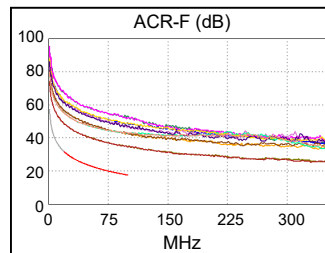


Worst Case Margin Worst Case Value

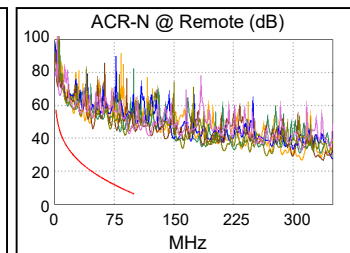
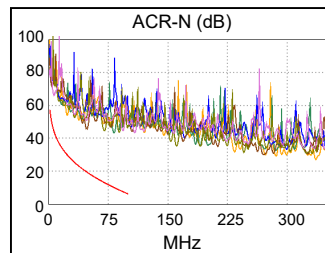
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	12-45	36-78
NEXT (dB)	13.8	14.0	16.5	15.8
Freq. (MHz)	48.5	48.0	82.3	89.0
Limit (dB)	35.5	35.5	31.5	31.0
Worst Pair	45	36	45	78
PS NEXT (dB)	15.4	15.4	19.3	18.2
Freq. (MHz)	48.5	47.8	93.5	94.5
Limit (dB)	32.5	32.6	27.6	27.5



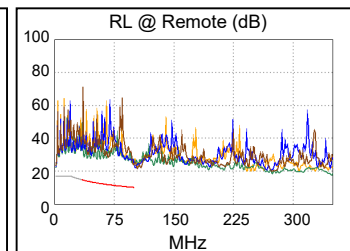
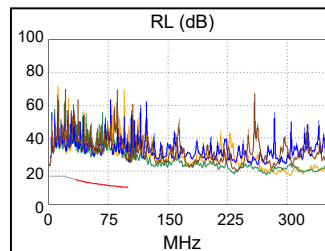
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	16.4	16.4	17.0	17.0
Freq. (MHz)	3.5	3.5	99.5	99.5
Limit (dB)	46.5	46.5	17.4	17.4
Worst Pair	36	45	36	45
PS ACR-F (dB)	18.7	18.5	19.2	19.3
Freq. (MHz)	3.8	3.5	100.0	99.5
Limit (dB)	42.9	43.5	14.4	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	12-45	36-78
ACR-N (dB)	21.1	21.0	33.2	33.5
Freq. (MHz)	1.6	1.5	82.3	89.0
Limit (dB)	56.9	57.0	10.0	8.4
Worst Pair	45	78	45	78
PS ACR-N (dB)	21.8	21.7	37.4	36.4
Freq. (MHz)	1.8	1.5	93.5	94.5
Limit (dB)	53.4	54.0	4.4	4.2



PASS	MAIN	SR	MAIN	SR
Worst Pair	36	78	78	78
RL (dB)	15.9	13.6	16.1	13.7
Freq. (MHz)	53.0	99.0	99.0	99.3
Limit (dB)	12.8	10.1	10.1	10.0



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive



Cable ID: SALA POLIVALENTE PTO 27

Date / Time: 08/21/2018 04:47:33 PM
Headroom -1.9 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

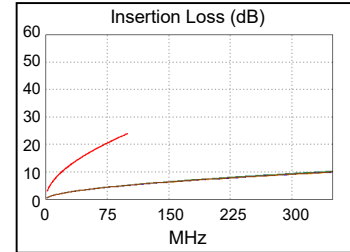
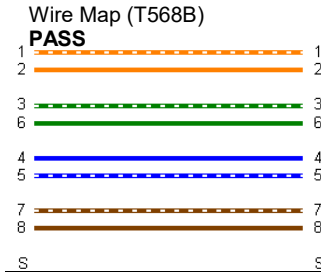
Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Test Summary: FAIL

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

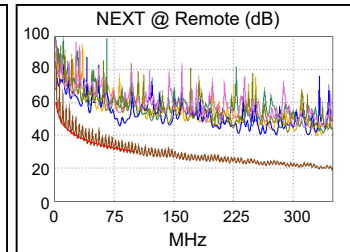
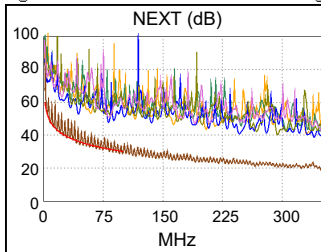
Length (m), Limit 100.0	[Pair 78]	24.1
Prop. Delay (ns), Limit 555	[Pair 45]	122
Delay Skew (ns), Limit 50	[Pair 45]	4
Resistance (ohms)	[Pair 45]	4.48
Insertion Loss Margin (dB)	[Pair 36]	18.8
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0

Patch Cable BAD or Patch Cable too short

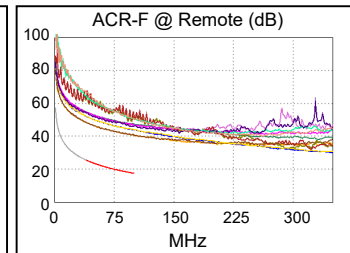
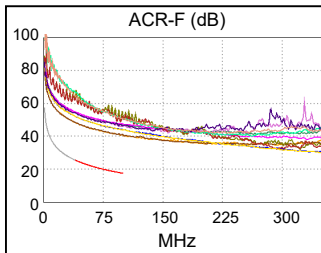


Worst Case Margin Worst Case Value

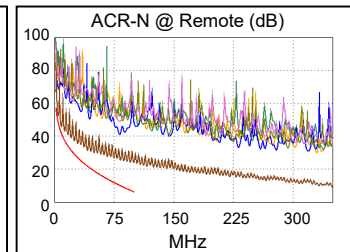
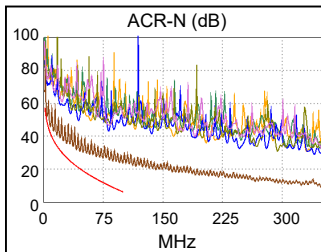
FAIL	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	-1.8F	-1.9F	-1.3	-1.1
Freq. (MHz)	45.3	41.3	99.5	99.5
Limit (dB)	36.0	36.7	30.1	30.1
Worst Pair	36	36	36	36
PS NEXT (dB)	1.2	1.1	1.7	1.9
Freq. (MHz)	45.3	41.3	99.5	99.5
Limit (dB)	33.0	33.7	27.1	27.1



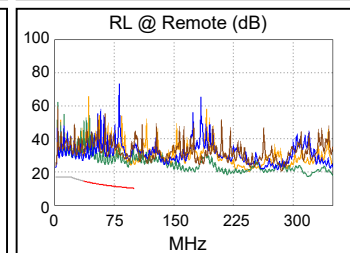
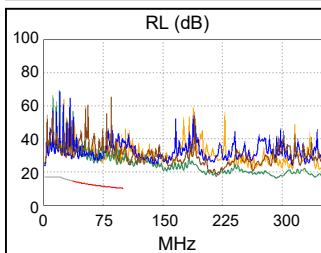
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-12	12-36	12-36	36-12
ACR-F (dB)	22.3	22.2	23.0	23.1
Freq. (MHz)	3.8	3.5	100.0	100.0
Limit (dB)	45.9	46.5	17.4	17.4
Worst Pair	12	12	12	12
PS ACR-F (dB)	23.0	23.3	24.0	23.8
Freq. (MHz)	1.4	3.0	100.0	100.0
Limit (dB)	51.6	44.9	14.4	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	3.8	4.0	17.5	17.7
Freq. (MHz)	4.0	4.1	99.5	99.5
Limit (dB)	49.1	48.8	6.2	6.2
Worst Pair	36	36	36	36
PS ACR-N (dB)	6.8	7.0	20.5	20.7
Freq. (MHz)	4.0	4.1	99.5	99.5
Limit (dB)	46.1	45.8	3.2	3.2



PASS	MAIN	SR	MAIN	SR
Worst Pair	36	36	36	36
RL (dB)	13.4	12.4	14.3	12.6
Freq. (MHz)	63.3	63.3	92.5	92.5
Limit (dB)	12.0	12.0	10.3	10.3





Cable ID: SALA POLIVALENTE PTO 28

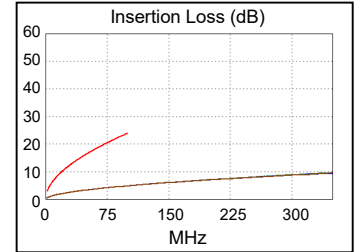
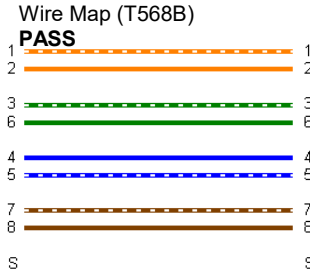
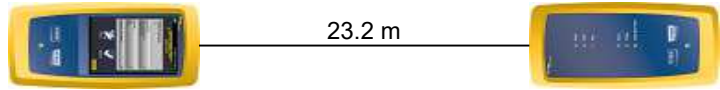
Test Summary: PASS

Date / Time: 08/21/2018 04:55:00 PM
Headroom 13.9 dB (NEXT 36-78)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

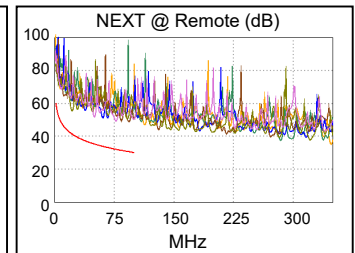
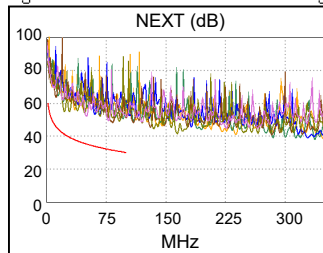
Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

Length (m), Limit 100.0	[Pair 78]	23.2
Prop. Delay (ns), Limit 555	[Pair 45]	117
Delay Skew (ns), Limit 50	[Pair 45]	3
Resistance (ohms)	[Pair 45]	4.32
Insertion Loss Margin (dB)	[Pair 12]	19.1
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0

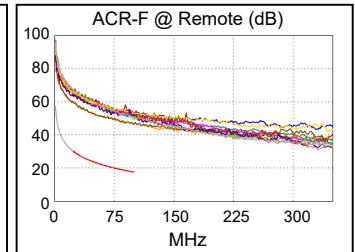
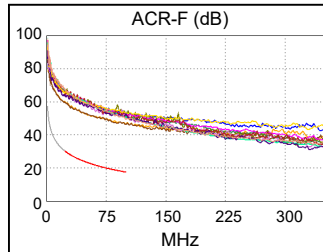


Worst Case Margin Worst Case Value

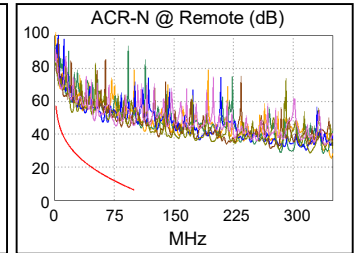
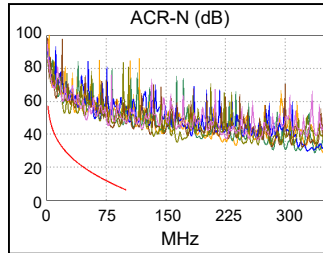
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-45	36-45
NEXT (dB)	13.9	14.1	16.8	18.3
Freq. (MHz)	22.4	21.8	83.0	93.8
Limit (dB)	41.2	41.4	31.5	30.6
Worst Pair	78	78	36	36
PS NEXT (dB)	16.1	16.0	17.8	18.7
Freq. (MHz)	21.9	21.8	83.0	92.5
Limit (dB)	38.3	38.4	28.5	27.7



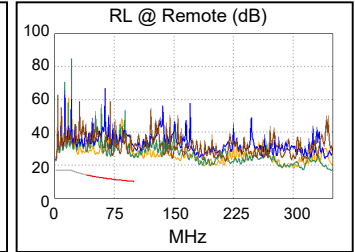
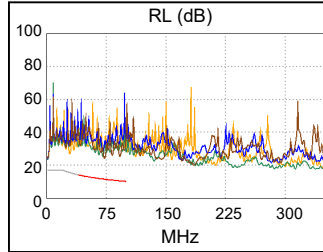
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-12	12-36	36-12	12-36
ACR-F (dB)	28.4	28.4	28.8	28.8
Freq. (MHz)	88.5	88.5	99.3	99.3
Limit (dB)	18.5	18.5	17.5	17.5
Worst Pair	36	36	36	36
PS ACR-F (dB)	28.4	28.5	30.2	29.9
Freq. (MHz)	1.5	1.3	99.8	100.0
Limit (dB)	50.9	52.5	14.4	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-45	36-45
ACR-N (dB)	22.3	22.5	34.1	36.8
Freq. (MHz)	21.9	21.6	83.0	93.8
Limit (dB)	30.7	30.8	9.8	7.4
Worst Pair	36	36	36	36
PS ACR-N (dB)	24.5	23.8	37.1	37.0
Freq. (MHz)	6.4	6.4	92.3	92.5
Limit (dB)	41.6	41.6	4.7	4.7



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	36	78	36
RL (dB)	12.7	13.6	12.7	14.4
Freq. (MHz)	73.0	65.8	73.0	100.0
Limit (dB)	11.4	11.8	11.4	10.0



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive



Cable ID: SALA POLIVALENTE PTO 29

Date / Time: 08/21/2018 04:58:10 PM
Headroom -0.8 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

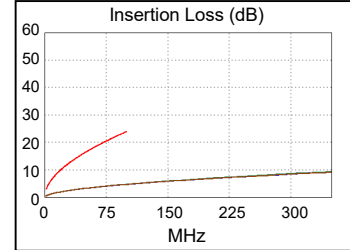
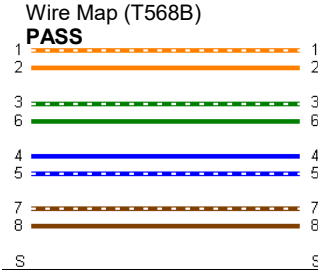
Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Test Summary: FAIL

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

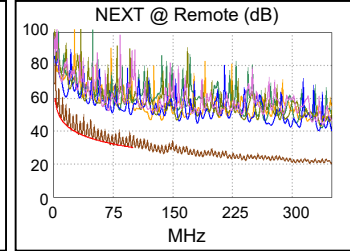
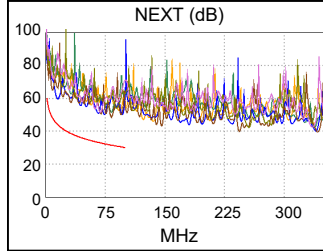
Length (m), Limit 100.0	[Pair 78]	22.2
Prop. Delay (ns), Limit 555	[Pair 45]	113
Delay Skew (ns), Limit 50	[Pair 45]	4
Resistance (ohms)	[Pair 45]	4.15
Insertion Loss Margin (dB)	[Pair 36]	19.2
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0

Patch Cable BAD or Patch Cable too short

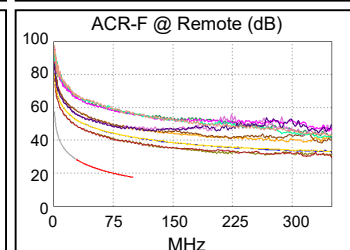
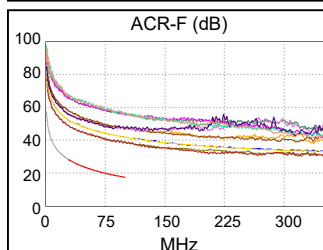


Worst Case Margin Worst Case Value

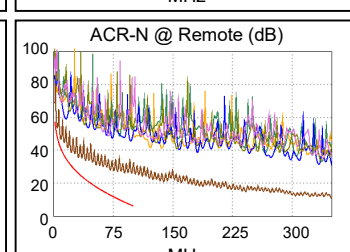
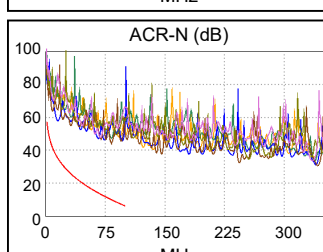
FAIL	MAIN	SR	MAIN	SR
Worst Pair	12-78	36-45	36-45	36-45
NEXT (dB)	15.6	-0.8F	16.7	0.4
Freq. (MHz)	14.8	71.3	83.0	98.3
Limit (dB)	44.2	32.6	31.5	30.2
Worst Pair	45	36	45	36
PS NEXT (dB)	17.9	2.2	18.0	3.4
Freq. (MHz)	69.0	71.3	83.0	98.3
Limit (dB)	29.9	29.6	28.5	27.2



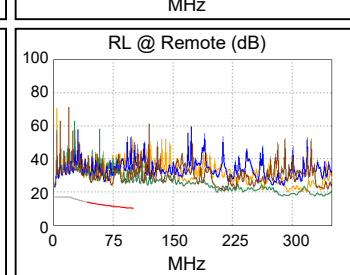
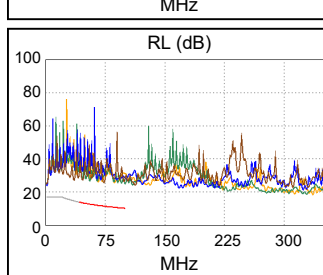
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	45-36	36-45
ACR-F (dB)	20.2	20.1	20.8	20.9
Freq. (MHz)	22.0	3.3	97.8	97.8
Limit (dB)	30.6	47.2	17.6	17.6
Worst Pair	36	36	36	36
PS ACR-F (dB)	22.0	21.8	22.9	23.0
Freq. (MHz)	3.4	4.0	97.8	99.0
Limit (dB)	43.8	42.4	14.6	14.5



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	22.1	5.5	34.1	19.6
Freq. (MHz)	8.0	8.9	83.0	98.3
Limit (dB)	42.3	41.2	9.8	6.4
Worst Pair	36	36	45	36
PS ACR-N (dB)	24.1	8.5	35.4	22.5
Freq. (MHz)	7.8	8.9	83.0	98.3
Limit (dB)	39.6	38.2	6.8	3.4



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	78	36	78
RL (dB)	13.7	12.4	14.9	12.6
Freq. (MHz)	46.3	47.3	100.0	73.3
Limit (dB)	13.4	13.3	10.0	11.4





Cable ID: SALA POLIVALENTE PTO 30

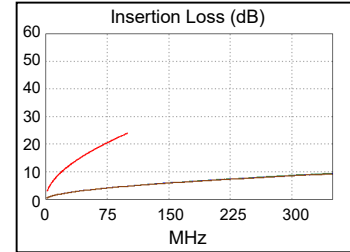
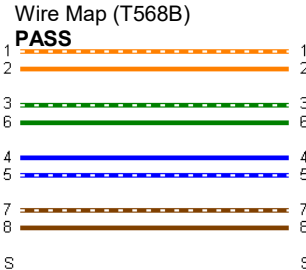
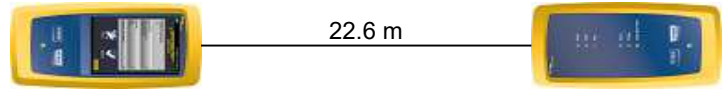
Test Summary: PASS

Date / Time: 08/21/2018 04:59:56 PM
Headroom 15.9 dB (NEXT 36-78)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

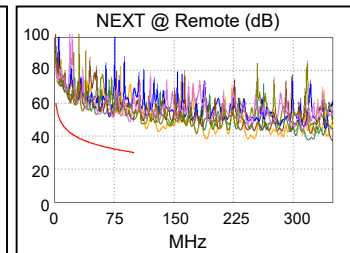
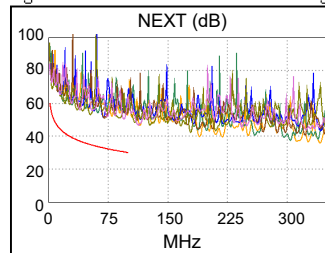
Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

Length (m), Limit 100.0	[Pair 78]	22.6
Prop. Delay (ns), Limit 555	[Pair 45]	114
Delay Skew (ns), Limit 50	[Pair 45]	3
Resistance (ohms)	[Pair 45]	4.20
Insertion Loss Margin (dB)	[Pair 12]	19.2
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0

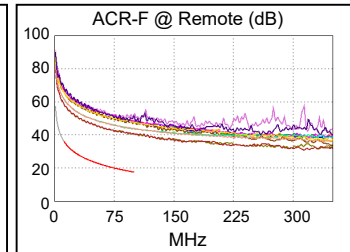
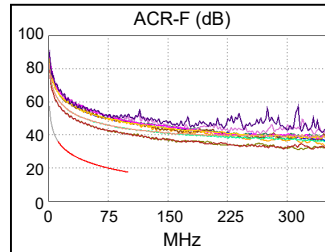


Worst Case Margin Worst Case Value

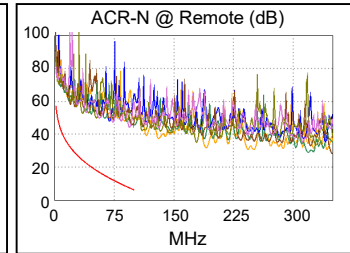
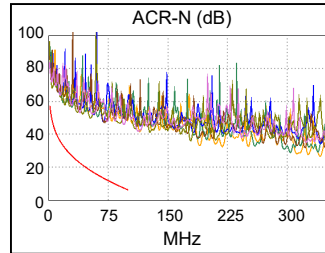
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	45-78	45-78
NEXT (dB)	15.9	17.6	20.0	18.3
Freq. (MHz)	3.9	35.3	94.8	94.5
Limit (dB)	53.8	37.8	30.5	30.5
Worst Pair	78	45	45	45
PS NEXT (dB)	17.1	18.5	18.8	18.5
Freq. (MHz)	3.9	95.8	72.8	95.8
Limit (dB)	50.8	27.4	29.5	27.4



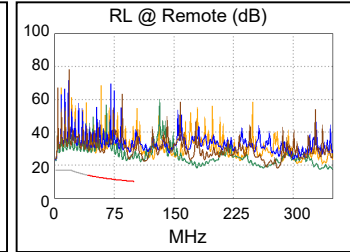
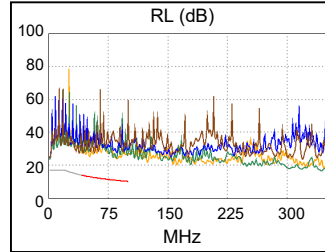
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	36-45	36-45
ACR-F (dB)	21.9	21.9	23.1	22.9
Freq. (MHz)	26.8	31.0	100.0	98.0
Limit (dB)	28.9	27.6	17.4	17.6
Worst Pair	45	45	45	45
PS ACR-F (dB)	23.0	22.9	24.0	23.9
Freq. (MHz)	39.5	21.5	100.0	100.0
Limit (dB)	22.5	27.8	14.4	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	45-78	45-78
ACR-N (dB)	19.5	22.0	38.7	37.0
Freq. (MHz)	3.9	3.3	94.8	94.5
Limit (dB)	49.4	51.0	7.2	7.2
Worst Pair	78	78	45	45
PS ACR-N (dB)	20.7	22.1	39.7	37.3
Freq. (MHz)	3.9	2.6	95.3	95.8
Limit (dB)	46.4	49.9	4.1	4.0



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	36	12	36
RL (dB)	12.3	12.2	13.0	12.3
Freq. (MHz)	51.8	90.3	86.3	90.5
Limit (dB)	12.9	10.5	10.7	10.4



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive



Cable ID: SALA POLIVALENTE PTO 32

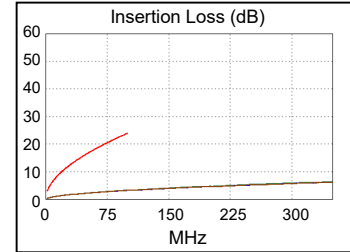
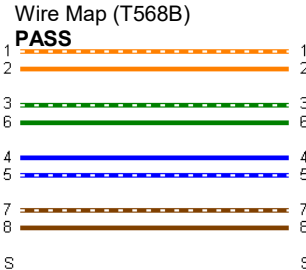
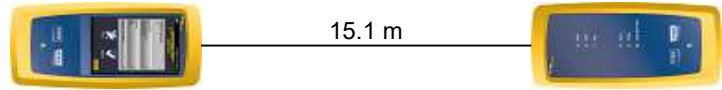
Test Summary: PASS

Date / Time: 08/21/2018 05:14:55 PM
Headroom 16.7 dB (NEXT 12-78)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

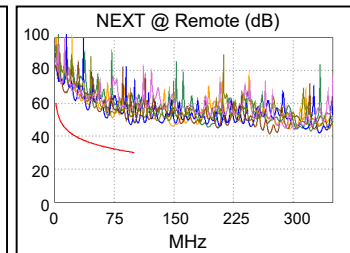
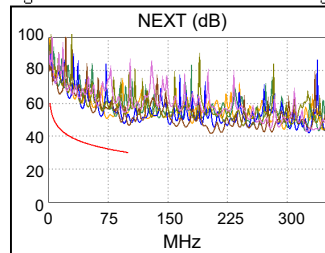
Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

Length (m), Limit 100.0	[Pair 78]	15.1
Prop. Delay (ns), Limit 555	[Pair 45]	77
Delay Skew (ns), Limit 50	[Pair 45]	3
Resistance (ohms)	[Pair 45]	2.80
Insertion Loss Margin (dB)	[Pair 12]	20.8
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0

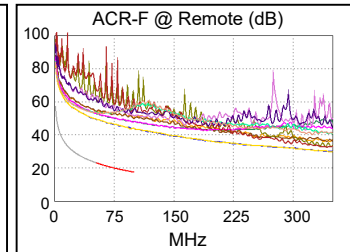
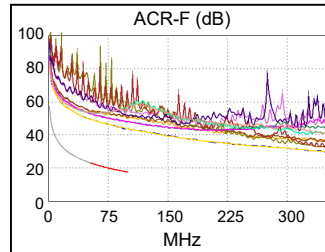


Worst Case Margin Worst Case Value

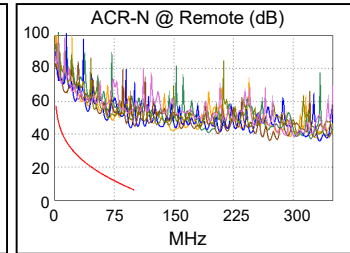
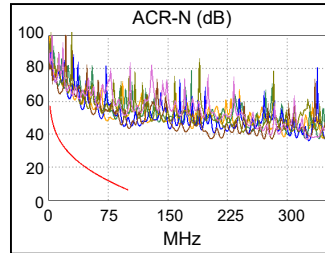
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	12-78	36-45	12-78
NEXT (dB)	16.9	16.7	16.9	16.7
Freq. (MHz)	100.0	95.8	100.0	95.8
Limit (dB)	30.1	30.4	30.1	30.4
Worst Pair	78	78	36	78
PS NEXT (dB)	18.8	18.2	19.1	18.2
Freq. (MHz)	95.0	95.8	100.0	95.8
Limit (dB)	27.5	27.4	27.1	27.4



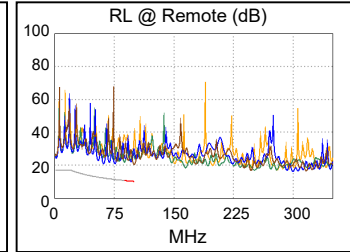
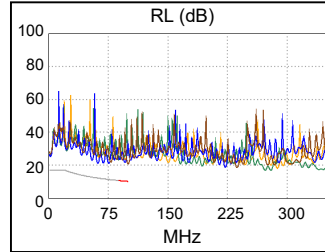
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	78-12	12-78	78-12
ACR-F (dB)	25.7	25.7	25.8	25.8
Freq. (MHz)	94.8	94.8	96.0	96.0
Limit (dB)	17.9	17.9	17.8	17.8
Worst Pair	12	78	12	12
PS ACR-F (dB)	25.6	26.0	27.5	27.4
Freq. (MHz)	1.3	1.9	100.0	100.0
Limit (dB)	52.5	48.9	14.4	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	12-78
ACR-N (dB)	24.5	24.2	37.7	37.0
Freq. (MHz)	1.4	1.4	100.0	95.8
Limit (dB)	57.0	57.0	6.1	7.0
Worst Pair	45	45	36	78
PS ACR-N (dB)	25.8	25.0	39.9	38.5
Freq. (MHz)	1.6	1.6	100.0	95.8
Limit (dB)	53.9	53.9	3.1	4.0



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	78	78	78
RL (dB)	10.8	10.3	10.8	10.3
Freq. (MHz)	100.0	100.0	100.0	100.0
Limit (dB)	10.0	10.0	10.0	10.0



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive



Cable ID: SALA POLIVALENTE PTO 33

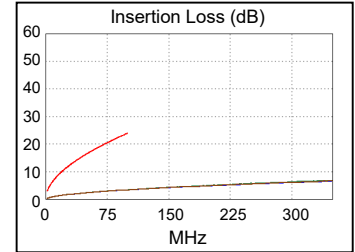
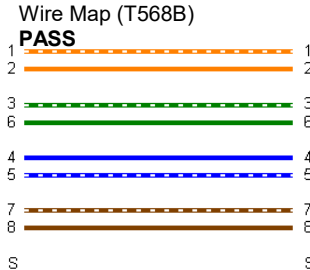
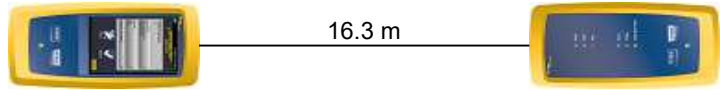
Test Summary: PASS

Date / Time: 08/21/2018 05:15:52 PM
Headroom 15.2 dB (NEXT 36-78)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

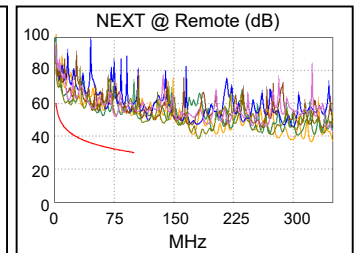
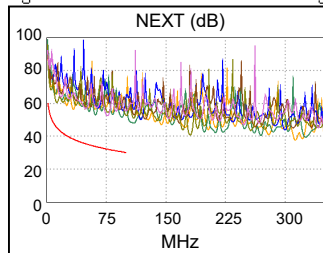
Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

Length (m), Limit 100.0	[Pair 78]	16.3
Prop. Delay (ns), Limit 555	[Pair 45]	82
Delay Skew (ns), Limit 50	[Pair 36]	2
Resistance (ohms)	[Pair 45]	3.01
Insertion Loss Margin (dB)	[Pair 12]	20.6
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0

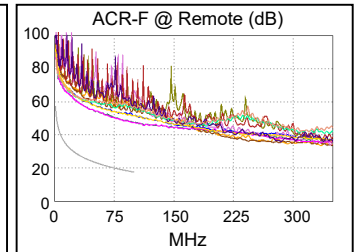
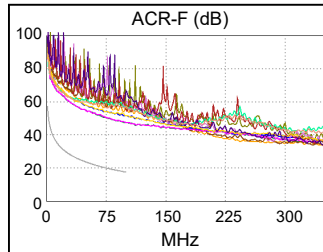


Worst Case Margin Worst Case Value

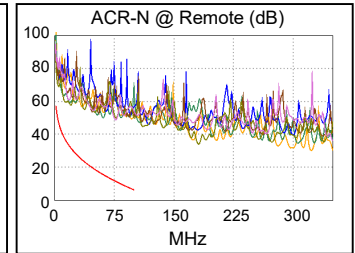
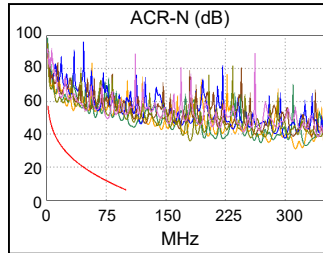
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	12-45	45-78
NEXT (dB)	15.2	15.7	21.1	19.8
Freq. (MHz)	12.5	13.3	95.0	77.0
Limit (dB)	45.4	45.0	30.5	32.0
Worst Pair	36	36	12	78
PS NEXT (dB)	16.7	18.1	22.3	20.2
Freq. (MHz)	4.6	14.0	96.0	77.3
Limit (dB)	49.5	41.6	27.4	29.0



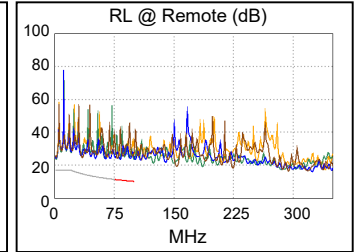
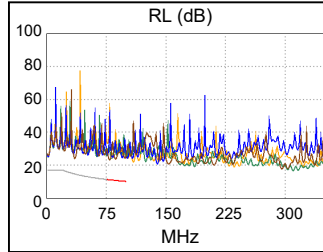
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	45-12	12-45	45-12
ACR-F (dB)	29.8	29.8	29.9	29.9
Freq. (MHz)	98.3	98.3	100.0	100.0
Limit (dB)	17.6	17.6	17.4	17.4
Worst Pair	45	45	12	12
PS ACR-F (dB)	30.6	30.5	31.2	30.8
Freq. (MHz)	1.0	1.0	100.0	98.3
Limit (dB)	54.4	54.4	14.4	14.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	12-45	45-78
ACR-N (dB)	20.3	20.4	41.2	37.6
Freq. (MHz)	4.8	3.3	95.0	77.0
Limit (dB)	47.5	51.0	7.1	11.2
Worst Pair	36	78	12	12
PS ACR-N (dB)	20.8	22.4	42.4	42.2
Freq. (MHz)	4.6	3.5	96.0	96.0
Limit (dB)	44.7	47.3	3.9	3.9



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	45	78	36
RL (dB)	12.2	12.7	12.2	13.5
Freq. (MHz)	79.3	82.3	79.3	100.0
Limit (dB)	11.0	10.9	11.0	10.0



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive



Cable ID: SALA POLIVALENTE PTO 34

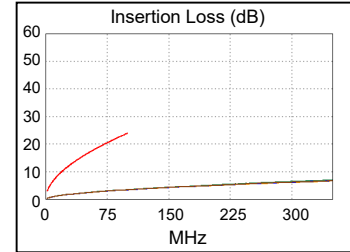
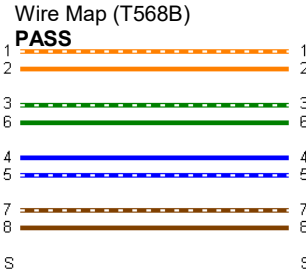
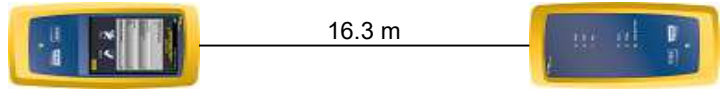
Test Summary: PASS

Date / Time: 08/21/2018 05:16:34 PM
Headroom 14.8 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

Length (m), Limit 100.0	[Pair 78]	16.3
Prop. Delay (ns), Limit 555	[Pair 45]	83
Delay Skew (ns), Limit 50	[Pair 45]	3
Resistance (ohms)	[Pair 45]	3.04
Insertion Loss Margin (dB)	[Pair 36]	20.5
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



Worst Case Margin Worst Case Value

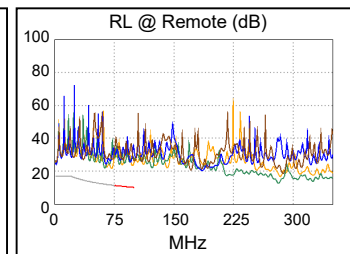
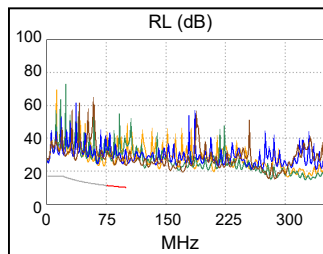
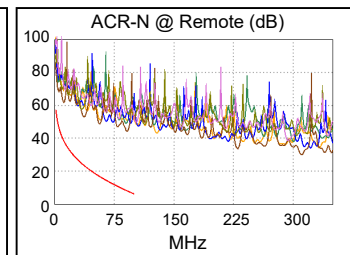
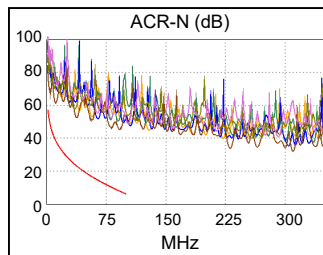
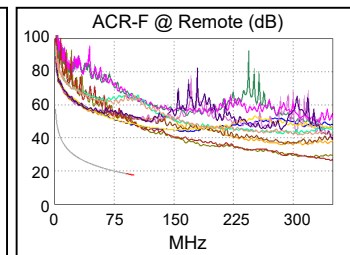
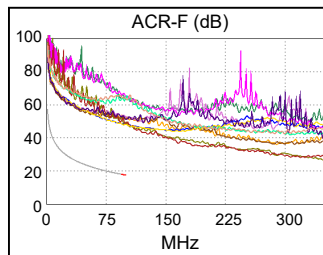
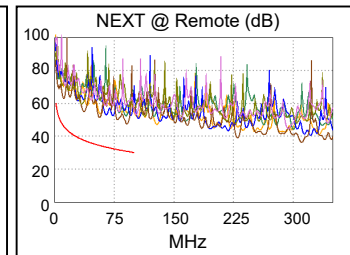
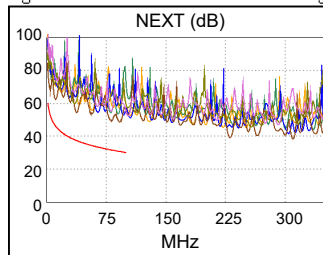
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	14.8	16.7	17.9	16.7
Freq. (MHz)	4.4	91.3	92.0	91.3
Limit (dB)	52.9	30.8	30.7	30.8
Worst Pair	45	36	45	45
PS NEXT (dB)	17.5	17.9	18.8	18.3
Freq. (MHz)	4.4	56.8	81.5	90.5
Limit (dB)	49.9	31.3	28.6	27.8

PASS	MAIN	SR	MAIN	SR
Worst Pair	78-12	12-78	78-12	12-78
ACR-F (dB)	30.0	30.0	30.1	30.1
Freq. (MHz)	96.0	96.0	96.8	96.8
Limit (dB)	17.8	17.8	17.7	17.7
Worst Pair	36	36	36	36
PS ACR-F (dB)	30.4	30.4	31.1	31.2
Freq. (MHz)	1.0	4.4	99.3	98.5
Limit (dB)	54.4	41.6	14.5	14.5

N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	18.9	20.6	37.5	36.3
Freq. (MHz)	4.4	3.9	92.0	91.3
Limit (dB)	48.2	49.4	7.8	7.9
Worst Pair	36	45	36	45
PS ACR-N (dB)	21.6	22.9	39.5	37.7
Freq. (MHz)	3.5	4.0	92.0	90.5
Limit (dB)	47.3	46.1	4.8	5.1

PASS	MAIN	SR	MAIN	SR
Worst Pair	12	12	78	12
RL (dB)	13.1	13.1	13.4	13.2
Freq. (MHz)	84.8	85.3	100.0	98.3
Limit (dB)	10.7	10.7	10.0	10.1

Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive





Cable ID: SALA POLIVALENTE PTO 35

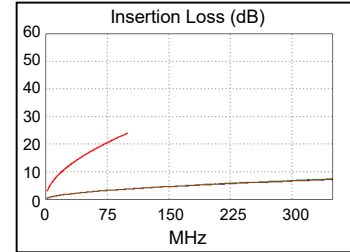
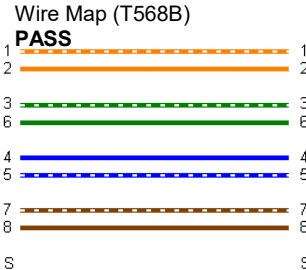
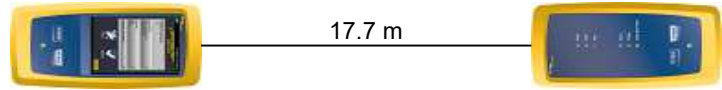
Test Summary: PASS

Date / Time: 08/21/2018 05:17:06 PM
Headroom 14.8 dB (NEXT 12-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

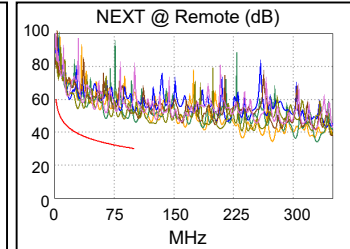
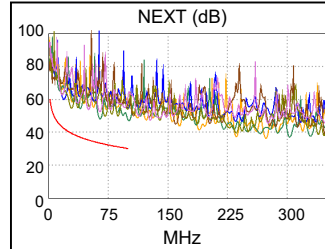
Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

Length (m), Limit 100.0	[Pair 12]	17.7
Prop. Delay (ns), Limit 555	[Pair 45]	89
Delay Skew (ns), Limit 50	[Pair 36]	2
Resistance (ohms)	[Pair 36]	3.27
Insertion Loss Margin (dB)	[Pair 12]	20.3
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0

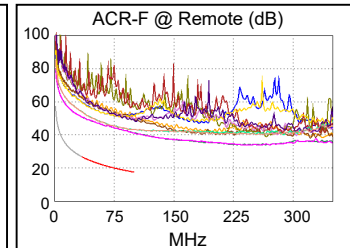
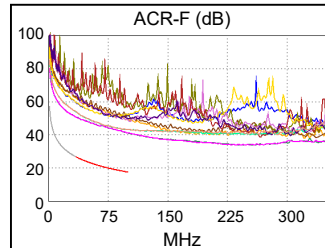


Worst Case Margin Worst Case Value

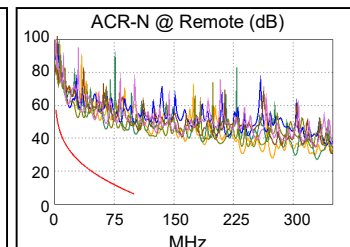
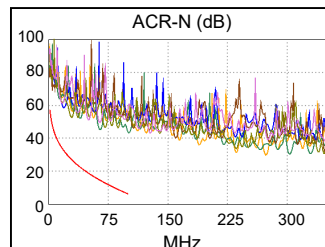
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	12-45	12-45
NEXT (dB)	14.8	15.0	17.2	17.5
Freq. (MHz)	64.8	64.5	100.0	100.0
Limit (dB)	33.3	33.4	30.1	30.1
Worst Pair	45	45	12	45
PS NEXT (dB)	16.4	16.3	19.3	19.2
Freq. (MHz)	64.5	64.5	100.0	100.0
Limit (dB)	30.4	30.4	27.1	27.1



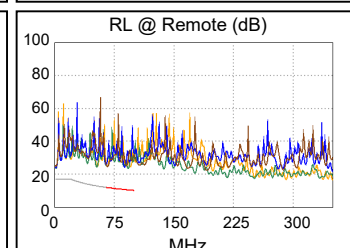
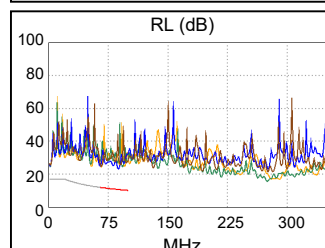
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	45-12	12-45	45-12
ACR-F (dB)	23.5	23.5	23.6	23.6
Freq. (MHz)	4.0	4.0	100.0	100.0
Limit (dB)	45.4	45.4	17.4	17.4
Worst Pair	45	45	45	45
PS ACR-F (dB)	24.5	24.3	24.6	24.5
Freq. (MHz)	99.3	98.3	100.0	99.8
Limit (dB)	14.5	14.6	14.4	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-78	12-45	12-45
ACR-N (dB)	22.7	24.7	37.5	37.8
Freq. (MHz)	1.5	4.1	100.0	100.0
Limit (dB)	57.0	48.8	6.1	6.1
Worst Pair	45	36	12	45
PS ACR-N (dB)	23.5	25.0	39.6	39.5
Freq. (MHz)	1.5	4.5	100.0	100.0
Limit (dB)	54.0	45.0	3.1	3.1



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	78	45	36
RL (dB)	12.5	12.6	12.5	13.2
Freq. (MHz)	66.3	66.5	87.8	92.8
Limit (dB)	11.8	11.8	10.6	10.3



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive



Cable ID: SALA POLIVALENTE PTO 36

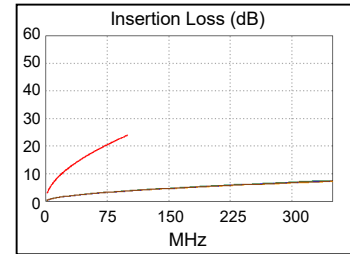
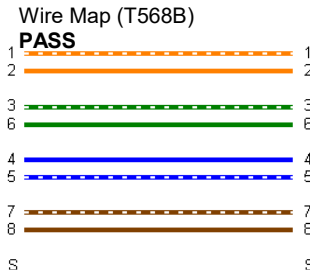
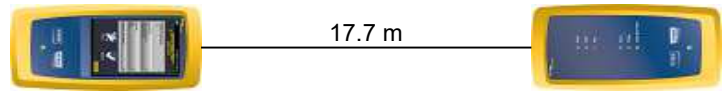
Test Summary: PASS

Date / Time: 08/21/2018 05:17:28 PM
Headroom 14.5 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

Length (m), Limit 100.0	[Pair 78]	17.7
Prop. Delay (ns), Limit 555	[Pair 45]	90
Delay Skew (ns), Limit 50	[Pair 45]	3
Resistance (ohms)	[Pair 36]	3.30
Insertion Loss Margin (dB)	[Pair 36]	20.2
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



Worst Case Margin Worst Case Value

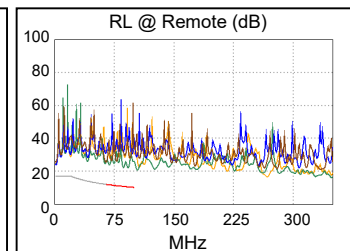
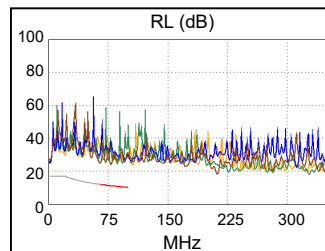
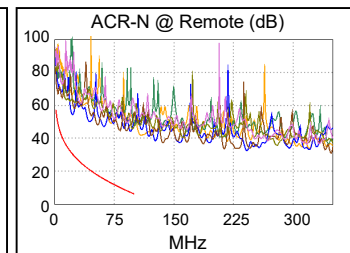
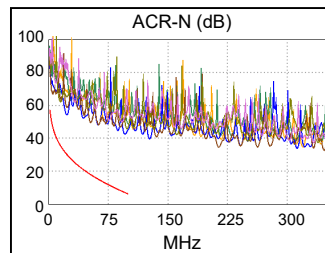
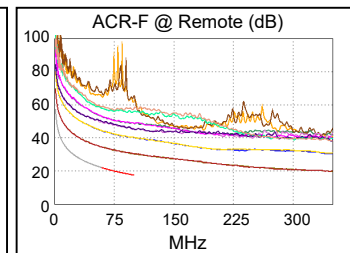
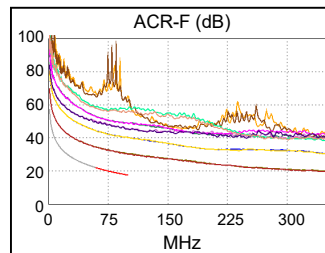
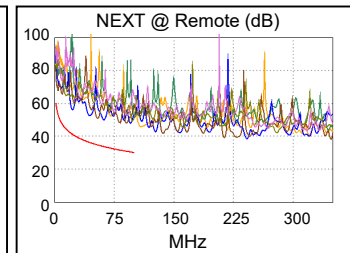
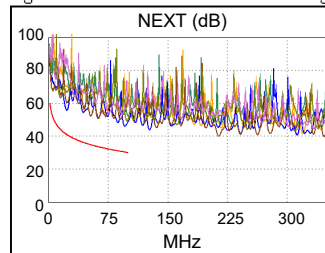
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	36-45	12-78	12-78
NEXT (dB)	14.8	14.5	15.7	17.5
Freq. (MHz)	22.6	3.0	96.3	95.5
Limit (dB)	41.1	55.6	30.4	30.4
Worst Pair	78	45	78	36
PS NEXT (dB)	17.5	17.1	17.7	18.4
Freq. (MHz)	22.6	3.0	96.8	90.8
Limit (dB)	38.1	52.6	27.3	27.8

PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	11.9	11.9	12.7	12.8
Freq. (MHz)	4.0	4.0	100.0	100.0
Limit (dB)	45.4	45.4	17.4	17.4
Worst Pair	36	36	36	45
PS ACR-F (dB)	14.8	14.9	15.6	15.7
Freq. (MHz)	4.0	4.0	100.0	100.0
Limit (dB)	42.4	42.4	14.4	14.4

N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	12-78	12-78
ACR-N (dB)	18.9	17.8	35.6	37.2
Freq. (MHz)	3.9	3.0	96.3	95.5
Limit (dB)	49.4	51.7	6.8	7.0
Worst Pair	36	36	78	36
PS ACR-N (dB)	21.7	20.4	37.6	37.6
Freq. (MHz)	3.9	2.9	96.8	90.8
Limit (dB)	46.4	49.1	3.7	5.0

PASS	MAIN	SR	MAIN	SR
Worst Pair	78	36	78	36
RL (dB)	12.8	11.5	12.9	11.6
Freq. (MHz)	64.8	92.3	78.3	92.5
Limit (dB)	11.9	10.4	11.1	10.3

Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive





Cable ID: SALA POLIVALENTE PTO 31

Date / Time: 08/21/2018 05:22:30 PM
Headroom -1.3 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

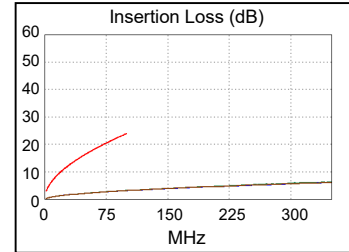
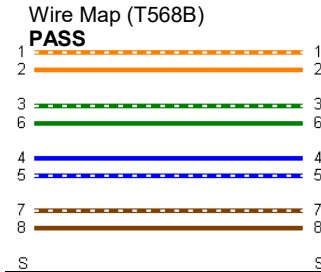
Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Test Summary: FAIL

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

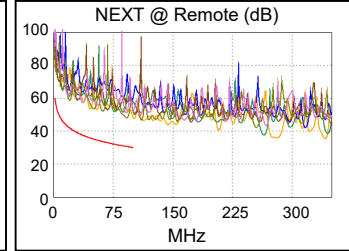
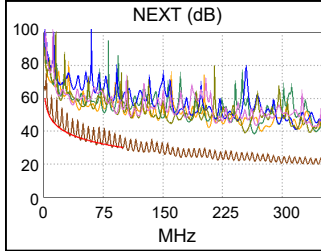
Length (m), Limit 100.0	[Pair 78]	15.1
Prop. Delay (ns), Limit 555	[Pair 45]	76
Delay Skew (ns), Limit 50	[Pair 36]	2
Resistance (ohms)	[Pair 45]	2.78
Insertion Loss Margin (dB)	[Pair 12]	20.8
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0

Patch Cable BAD or Patch Cable too short

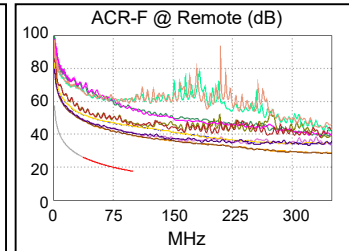
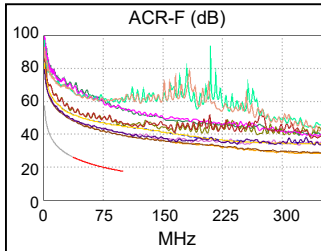


Worst Case Margin Worst Case Value

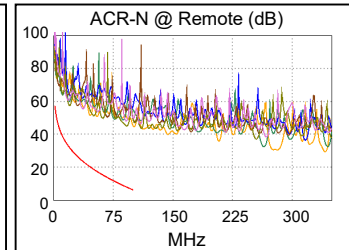
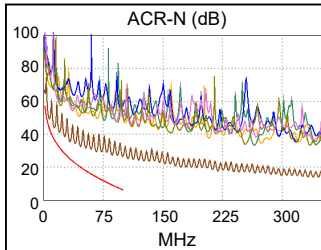
	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	36-45	36-78	36-45	36-78
NEXT (dB)	-1.3F	16.8	-0.5	17.3
Freq. (MHz)	66.3	19.8	99.3	92.3
Limit (dB)	33.2	42.1	30.1	30.7
Worst Pair	36	78	36	36
PS NEXT (dB)	1.7	17.6	2.5	18.5
Freq. (MHz)	66.3	19.8	99.3	100.0
Limit (dB)	30.2	39.1	27.1	27.1



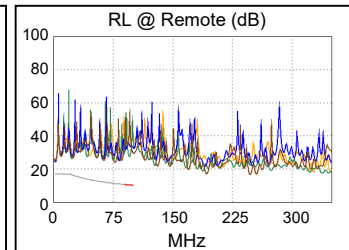
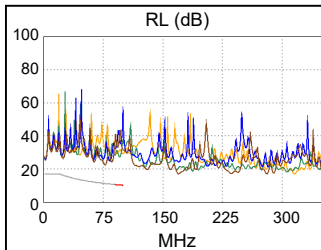
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-36	12-36	36-12	12-36
ACR-F (dB)	21.6	21.6	21.7	21.7
Freq. (MHz)	50.3	99.3	100.0	100.0
Limit (dB)	23.4	17.5	17.4	17.4
Worst Pair	36	36	36	36
PS ACR-F (dB)	21.6	21.5	22.1	21.9
Freq. (MHz)	52.3	1.0	100.0	100.0
Limit (dB)	20.0	54.4	14.4	14.4



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	12-45	36-45	12-36
ACR-N (dB)	5.4	23.5	20.3	38.9
Freq. (MHz)	6.6	2.3	99.3	100.0
Limit (dB)	44.2	54.3	6.2	6.1
Worst Pair	36	12	36	36
PS ACR-N (dB)	8.4	24.8	23.2	39.3
Freq. (MHz)	6.6	2.3	99.3	100.0
Limit (dB)	41.2	51.3	3.2	3.1



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36	36	36	36
RL (dB)	17.1	17.2	17.1	17.2
Freq. (MHz)	95.8	95.5	95.8	95.5
Limit (dB)	10.2	10.2	10.2	10.2





Cable ID: SALA POLIVALENTE PTO 39

Date / Time: 08/21/2018 05:25:06 PM
Headroom -1.4 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

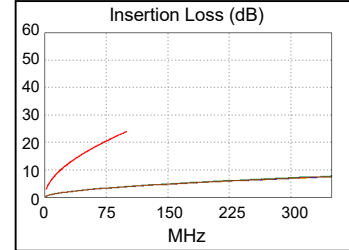
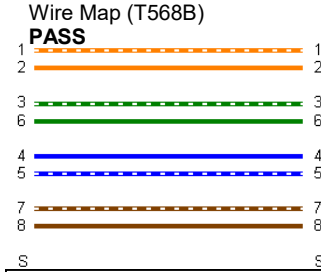
Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Test Summary: FAIL

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

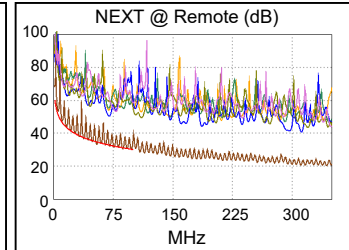
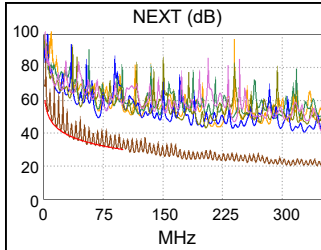
Length (m), Limit 100.0	[Pair 78]	18.3
Prop. Delay (ns), Limit 555	[Pair 45]	93
Delay Skew (ns), Limit 50	[Pair 45]	3
Resistance (ohms)	[Pair 45]	3.40
Insertion Loss Margin (dB)	[Pair 36]	20.1
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0

Patch Cable BAD or Patch Cable too short

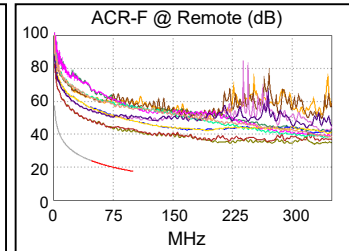
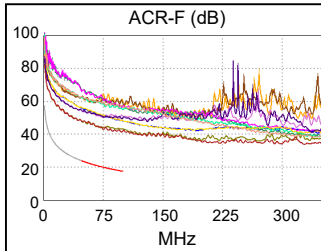


Worst Case Margin Worst Case Value

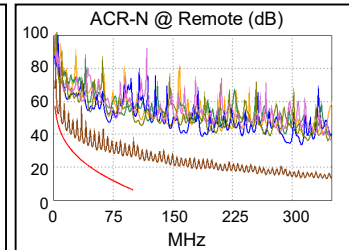
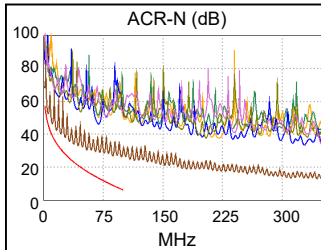
FAIL	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	-1.4F	-1.4F	-0.3	0.0
Freq. (MHz)	54.3	54.3	98.0	98.0
Limit (dB)	34.6	34.6	30.2	30.2
Worst Pair	36	36	36	36
PS NEXT (dB)	1.6	1.6	2.7	3.0
Freq. (MHz)	54.3	54.3	98.0	98.0
Limit (dB)	31.6	31.6	27.2	27.2



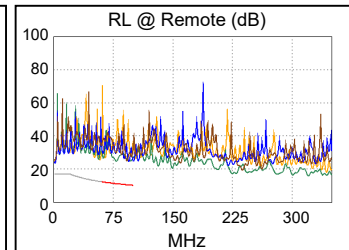
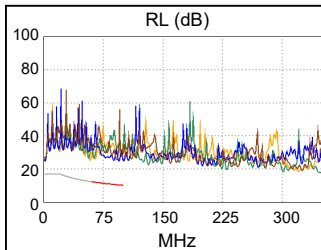
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	23.1	23.2	23.7	23.8
Freq. (MHz)	75.3	86.5	97.8	97.8
Limit (dB)	19.9	18.7	17.6	17.6
Worst Pair	36	36	36	45
PS ACR-F (dB)	25.4	25.6	26.1	26.5
Freq. (MHz)	75.3	72.0	97.8	97.8
Limit (dB)	16.9	17.3	14.6	14.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	6.4	6.4	19.6	19.9
Freq. (MHz)	5.4	5.0	98.0	98.0
Limit (dB)	46.3	47.0	6.5	6.5
Worst Pair	36	36	36	36
PS ACR-N (dB)	9.4	9.4	22.5	22.8
Freq. (MHz)	5.4	5.0	98.0	98.0
Limit (dB)	43.3	44.0	3.5	3.5



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	36	45	45
RL (dB)	14.0	13.6	14.6	14.2
Freq. (MHz)	64.8	79.0	94.8	94.5
Limit (dB)	11.9	11.0	10.2	10.3





Cable ID: SALA POLIVALENTE PTO 40

Date / Time: 08/21/2018 05:26:23 PM
Headroom -1.1 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

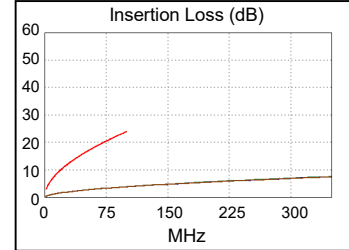
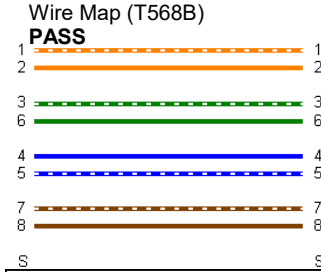
Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Test Summary: FAIL

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

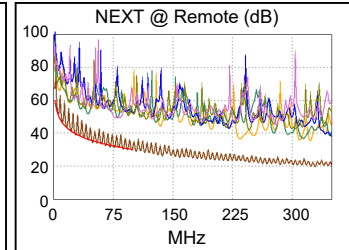
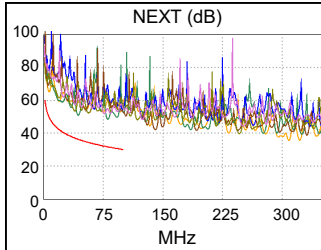
Length (m), Limit 100.0	[Pair 78]	18.3
Prop. Delay (ns), Limit 555	[Pair 45]	92
Delay Skew (ns), Limit 50	[Pair 36]	2
Resistance (ohms)	[Pair 45]	3.39
Insertion Loss Margin (dB)	[Pair 36]	20.1
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0

Patch Cable BAD or Patch Cable too short

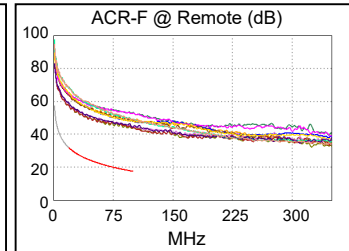
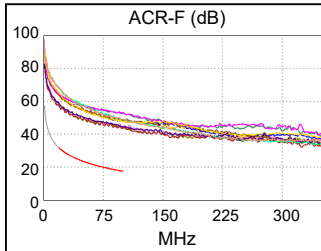


Worst Case Margin Worst Case Value

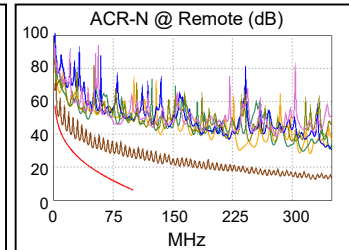
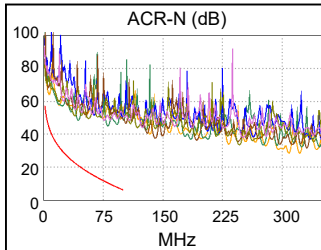
FAIL	MAIN	SR	MAIN	SR
Worst Pair	12-45	36-45	12-45	36-45
NEXT (dB)	14.6	-1.1F	16.7	-0.4
Freq. (MHz)	43.5	49.0	80.8	98.5
Limit (dB)	36.3	35.4	31.7	30.2
Worst Pair	36	36	45	36
PS NEXT (dB)	15.8	1.9	18.7	2.6
Freq. (MHz)	5.0	49.0	81.3	98.5
Limit (dB)	49.0	32.4	28.6	27.2



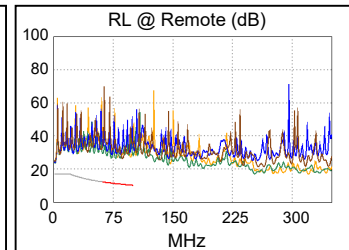
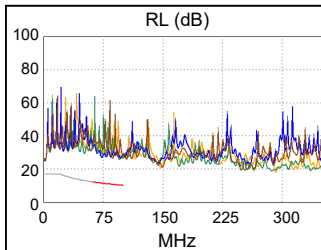
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	45-36	36-45
ACR-F (dB)	24.2	24.2	26.0	26.0
Freq. (MHz)	4.4	4.8	99.0	99.0
Limit (dB)	44.6	43.9	17.5	17.5
Worst Pair	36	36	36	36
PS ACR-F (dB)	24.6	24.4	25.8	26.0
Freq. (MHz)	4.1	4.4	99.0	100.0
Limit (dB)	42.1	41.6	14.5	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	36-45	12-45	36-45
ACR-N (dB)	19.7	5.1	34.7	19.6
Freq. (MHz)	6.1	5.4	80.8	98.5
Limit (dB)	45.0	46.3	10.3	6.4
Worst Pair	36	36	45	36
PS ACR-N (dB)	20.0	7.9	36.8	22.6
Freq. (MHz)	5.0	5.3	81.8	98.5
Limit (dB)	44.0	43.5	7.1	3.4



PASS	MAIN	SR	MAIN	SR
Worst Pair	36	36	36	78
RL (dB)	15.5	15.1	15.5	15.6
Freq. (MHz)	95.8	72.8	95.8	86.5
Limit (dB)	10.2	11.4	10.2	10.6





Cable ID: SALA POLIVALENTE PTO 41

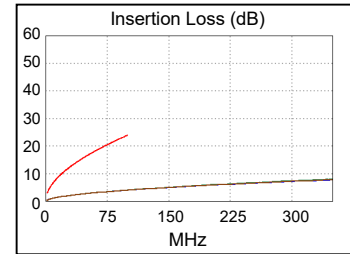
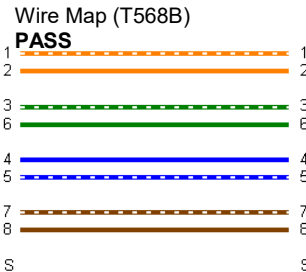
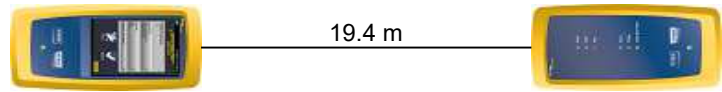
Date / Time: 08/21/2018 05:27:27 PM
Headroom 17.0 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Test Summary: PASS

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

Length (m), Limit 100.0	[Pair 78]	19.4
Prop. Delay (ns), Limit 555	[Pair 45]	97
Delay Skew (ns), Limit 50	[Pair 36]	2
Resistance (ohms)	[Pair 45]	3.58
Insertion Loss Margin (dB)	[Pair 36]	19.9
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



Worst Case Margin Worst Case Value

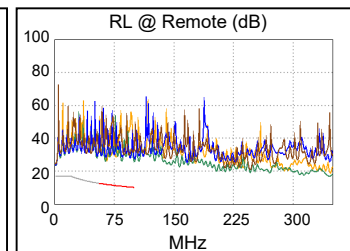
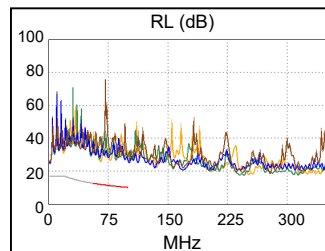
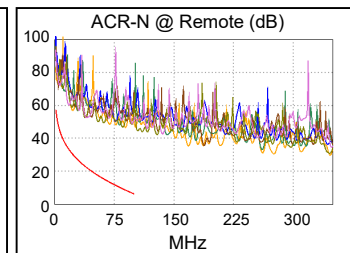
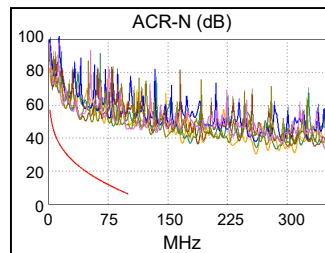
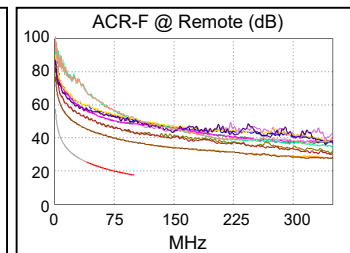
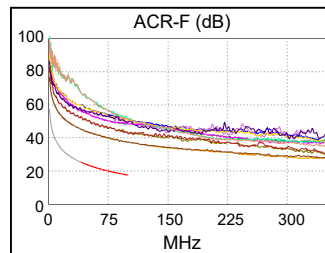
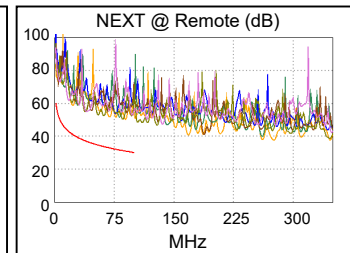
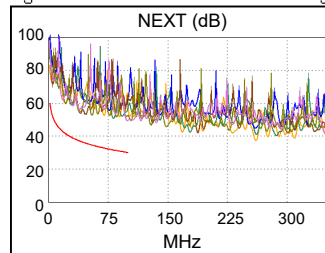
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	12-36	45-78	12-36
NEXT (dB)	17.0	17.6	19.4	19.4
Freq. (MHz)	39.5	22.4	99.3	89.3
Limit (dB)	37.0	41.2	30.1	30.9
Worst Pair	36	36	78	36
PS NEXT (dB)	17.3	17.9	20.1	20.2
Freq. (MHz)	39.8	39.0	98.8	88.3
Limit (dB)	33.9	34.1	27.2	28.0

PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	12-36	12-36
ACR-F (dB)	19.5	19.5	19.9	19.9
Freq. (MHz)	2.8	4.4	100.0	100.0
Limit (dB)	48.6	44.6	17.4	17.4
Worst Pair	36	36	36	36
PS ACR-F (dB)	21.1	21.0	21.6	21.6
Freq. (MHz)	2.0	1.0	100.0	100.0
Limit (dB)	48.4	54.4	14.4	14.4

N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	45-78	12-36
ACR-N (dB)	21.6	21.5	39.3	38.1
Freq. (MHz)	1.9	2.0	99.3	89.3
Limit (dB)	55.8	55.3	6.2	8.4
Worst Pair	36	36	78	36
PS ACR-N (dB)	23.4	23.1	40.0	38.8
Freq. (MHz)	4.1	2.0	98.8	88.3
Limit (dB)	45.8	52.3	3.3	5.6

PASS	MAIN	SR	MAIN	SR
Worst Pair	12	36	12	36
RL (dB)	13.8	14.1	13.9	15.7
Freq. (MHz)	65.3	63.8	65.5	100.0
Limit (dB)	11.9	12.0	11.8	10.0

Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive





Cable ID: SALA POLIVALENTE PTO 42

Date / Time: 08/21/2018 05:32:17 PM
Headroom -1.3 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

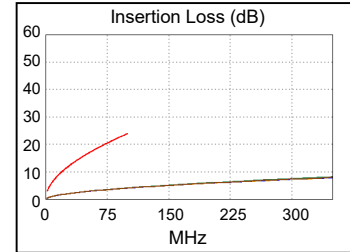
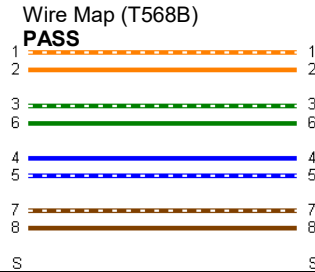
Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Test Summary: FAIL

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

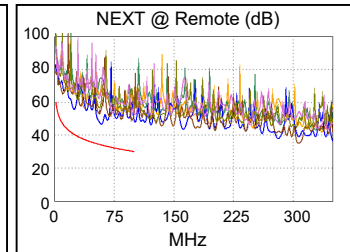
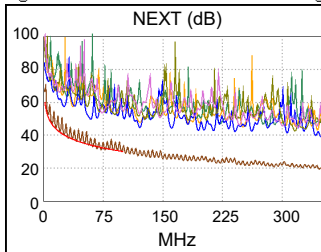
Length (m), Limit 100.0	[Pair 78]	19.4
Prop. Delay (ns), Limit 555	[Pair 45]	98
Delay Skew (ns), Limit 50	[Pair 45]	3
Resistance (ohms)	[Pair 45]	3.59
Insertion Loss Margin (dB)	[Pair 12]	19.9
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0

Patch Cable BAD or Patch Cable too short

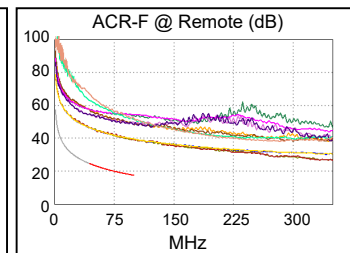
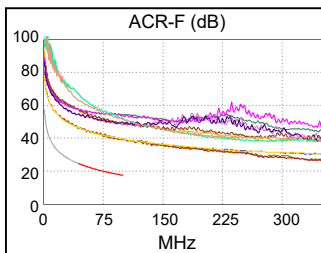


Worst Case Margin Worst Case Value

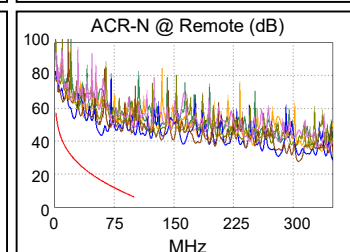
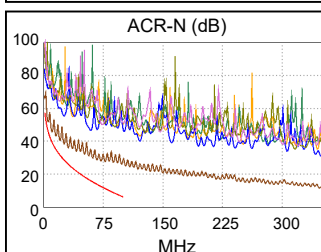
	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	36-45	12-78	36-45	12-78
NEXT (dB)	-1.3F	12.5	-0.2	12.6
Freq. (MHz)	72.3	58.5	98.0	59.0
Limit (dB)	32.5	34.1	30.2	34.0
Worst Pair	36	78	36	78
PS NEXT (dB)	1.7	15.3	2.8	15.4
Freq. (MHz)	72.3	58.5	98.0	58.8
Limit (dB)	29.5	31.1	27.2	31.0



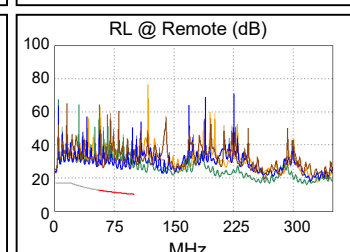
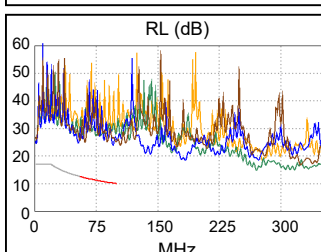
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	45-36	45-36	36-45
ACR-F (dB)	21.2	21.2	21.6	21.6
Freq. (MHz)	93.8	54.0	99.8	99.8
Limit (dB)	18.0	22.8	17.4	17.4
Worst Pair	36	36	36	36
PS ACR-F (dB)	22.6	22.8	23.8	23.8
Freq. (MHz)	1.5	1.5	99.8	100.0
Limit (dB)	50.9	50.9	14.4	14.4



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	36-45	36-45	12-78
ACR-N (dB)	5.4	20.3	19.5	27.5
Freq. (MHz)	5.0	1.5	98.0	59.0
Limit (dB)	47.0	57.0	6.5	16.0
Worst Pair	36	45	36	78
PS ACR-N (dB)	8.4	23.0	22.4	40.0
Freq. (MHz)	5.3	1.5	98.0	100.0
Limit (dB)	43.5	54.0	3.5	3.1



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	78	78	45	45
RL (dB)	13.0	14.0	13.8	14.3
Freq. (MHz)	61.3	61.0	95.5	84.0
Limit (dB)	12.1	12.2	10.2	10.8





Cable ID: SALA POLIVALENTE PTO 43

Date / Time: 08/21/2018 05:33:11 PM
Headroom -1.1 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

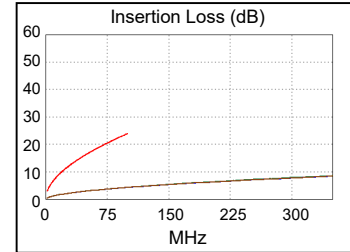
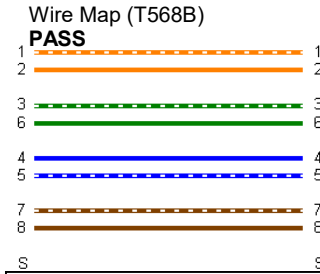
Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Test Summary: FAIL

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

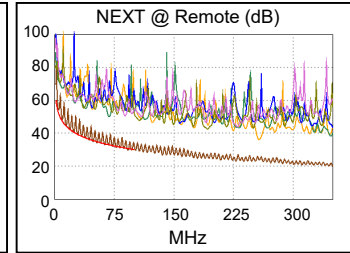
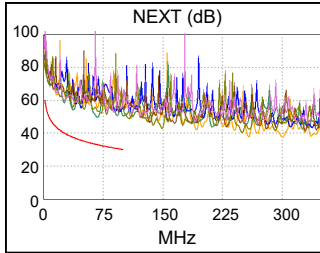
Length (m), Limit 100.0	[Pair 12]	20.8
Prop. Delay (ns), Limit 555	[Pair 45]	104
Delay Skew (ns), Limit 50	[Pair 36]	2
Resistance (ohms)	[Pair 45]	3.83
Insertion Loss Margin (dB)	[Pair 36]	19.6
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0

Patch Cable BAD or Patch Cable too short

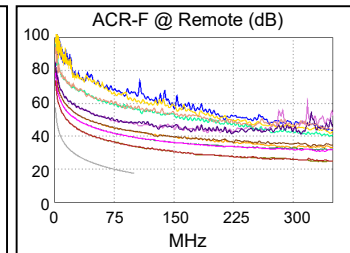
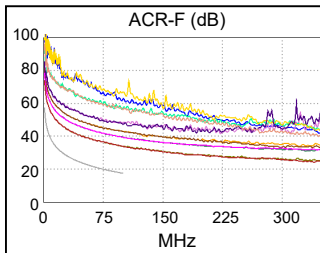


Worst Case Margin Worst Case Value

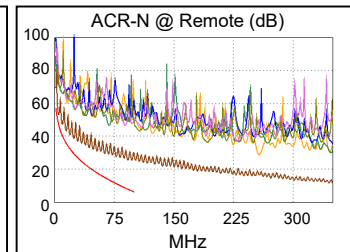
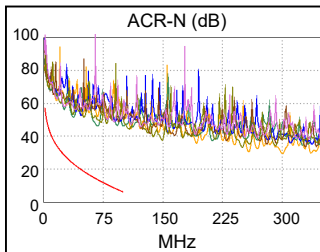
	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	12-45	36-45	12-45	36-45
NEXT (dB)	16.7	-1.1F	16.7	-1.1
Freq. (MHz)	68.0	92.3	68.0	92.3
Limit (dB)	33.0	30.7	33.0	30.7
Worst Pair	12	36	12	36
PS NEXT (dB)	18.5	1.9	18.6	1.9
Freq. (MHz)	67.0	92.3	67.8	92.3
Limit (dB)	30.1	27.7	30.0	27.7



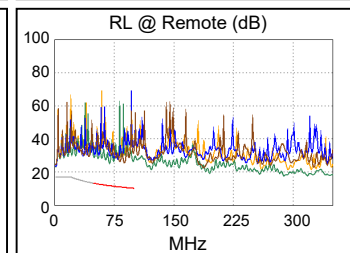
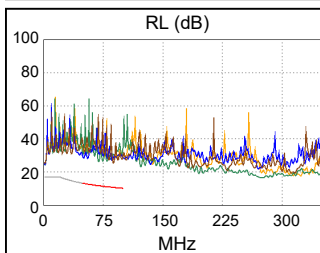
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	15.7	15.7	16.4	16.5
Freq. (MHz)	4.0	4.0	100.0	100.0
Limit (dB)	45.4	45.4	17.4	17.4
Worst Pair	45	45	45	45
PS ACR-F (dB)	17.8	17.7	18.5	18.4
Freq. (MHz)	4.0	4.8	100.0	100.0
Limit (dB)	42.4	40.9	14.4	14.4



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-78	36-45	12-45	36-45
ACR-N (dB)	23.0	6.0	40.1	18.8
Freq. (MHz)	1.4	4.8	100.0	97.0
Limit (dB)	57.0	47.5	6.1	6.7
Worst Pair	36	45	45	36
PS ACR-N (dB)	22.8	8.9	41.5	20.7
Freq. (MHz)	1.6	4.8	100.0	92.3
Limit (dB)	53.9	44.5	3.1	4.7



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36	36	78	36
RL (dB)	14.5	13.5	14.7	13.5
Freq. (MHz)	69.3	69.0	87.8	69.0
Limit (dB)	11.6	11.6	10.6	11.6





Cable ID: SALA POLIVALENTE PTO 44

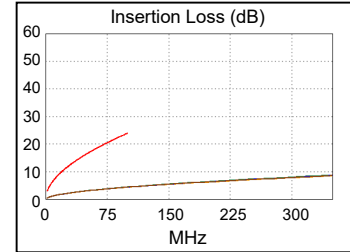
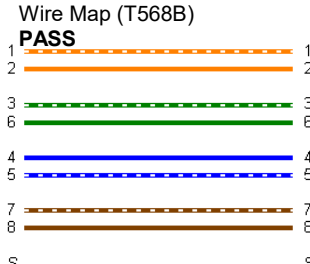
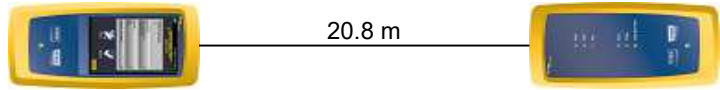
Test Summary: PASS

Date / Time: 08/21/2018 05:33:49 PM
Headroom 14.9 dB (NEXT 12-78)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

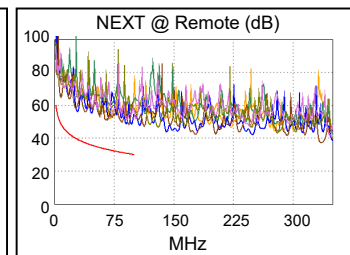
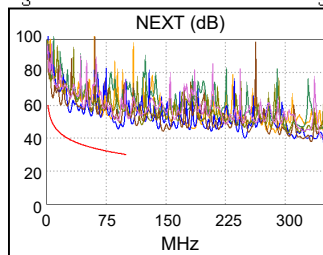
Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

Length (m), Limit 100.0	[Pair 78]	20.8
Prop. Delay (ns), Limit 555	[Pair 45]	105
Delay Skew (ns), Limit 50	[Pair 36]	3
Resistance (ohms)	[Pair 45]	3.87
Insertion Loss Margin (dB)	[Pair 36]	19.5
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0

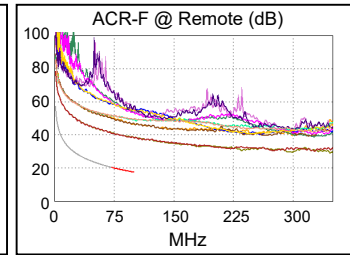
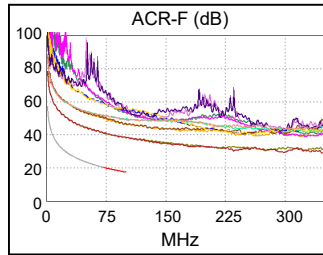


Worst Case Margin Worst Case Value

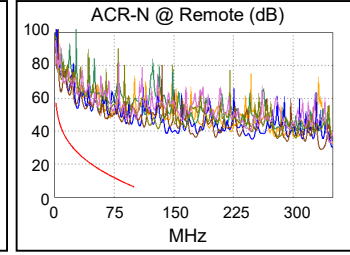
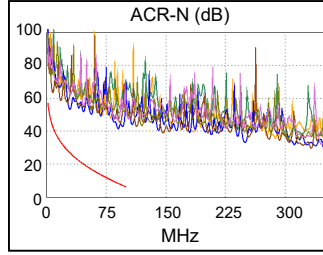
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	36-45	12-78	36-45
NEXT (dB)	14.9	16.1	14.9	17.8
Freq. (MHz)	90.0	7.5	90.0	93.3
Limit (dB)	30.9	49.1	30.9	30.6
Worst Pair	78	36	78	45
PS NEXT (dB)	16.6	18.5	16.6	19.0
Freq. (MHz)	90.0	7.5	90.0	92.5
Limit (dB)	27.9	46.1	27.9	27.7



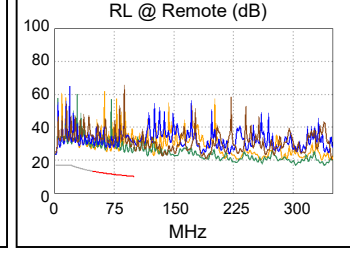
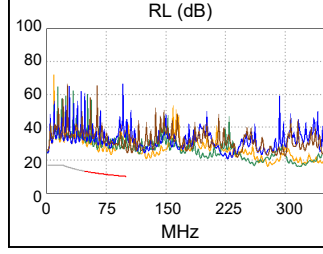
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	20.3	20.2	20.8	20.7
Freq. (MHz)	38.0	33.3	100.0	100.0
Limit (dB)	25.8	27.0	17.4	17.4
Worst Pair	45	36	36	36
PS ACR-F (dB)	22.8	22.7	23.1	23.1
Freq. (MHz)	4.0	33.3	100.0	100.0
Limit (dB)	42.4	24.0	14.4	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	12-78	36-45
ACR-N (dB)	20.5	21.1	33.4	36.7
Freq. (MHz)	7.1	7.4	90.0	93.3
Limit (dB)	43.5	43.1	8.2	7.5
Worst Pair	36	36	78	45
PS ACR-N (dB)	23.1	23.5	35.1	37.8
Freq. (MHz)	7.1	7.4	90.0	92.5
Limit (dB)	40.5	40.1	5.2	4.7



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	12	12	36
RL (dB)	12.5	13.5	12.5	14.4
Freq. (MHz)	81.0	65.5	81.0	97.8
Limit (dB)	10.9	11.8	10.9	10.1



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive



Cable ID: SALA POLIVALENTE PTO 45

Date / Time: 08/21/2018 05:34:48 PM
Headroom -0.5 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

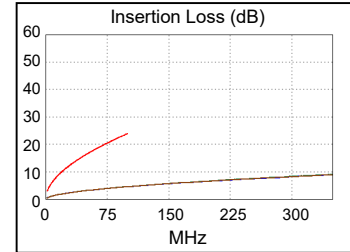
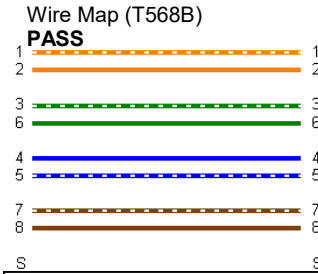
Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Test Summary: FAIL

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

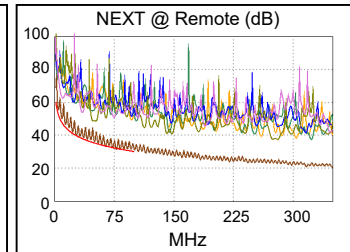
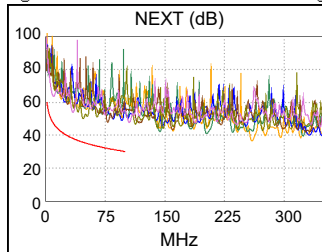
Length (m), Limit 100.0	[Pair 12]	22.0
Prop. Delay (ns), Limit 555	[Pair 45]	110
Delay Skew (ns), Limit 50	[Pair 36]	2
Resistance (ohms)	[Pair 45]	4.07
Insertion Loss Margin (dB)	[Pair 12]	19.4
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0

Patch Cable BAD or Patch Cable too short

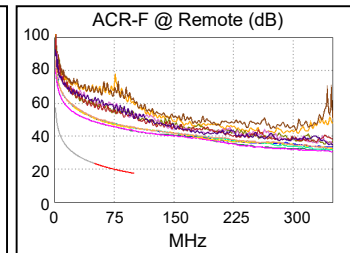
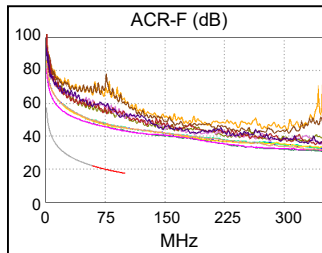


Worst Case Margin Worst Case Value

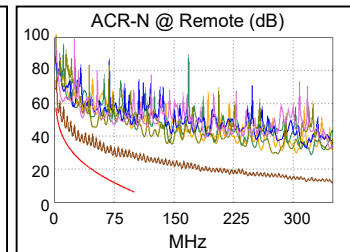
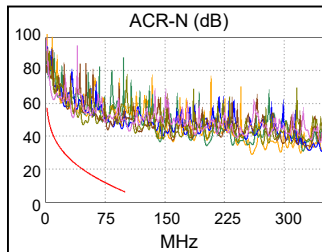
FAIL	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-45	36-45	36-45
NEXT (dB)	14.4	-0.5F	16.0	1.4
Freq. (MHz)	47.3	77.8	78.3	100.0
Limit (dB)	35.7	32.0	31.9	30.1
Worst Pair	36	36	45	36
PS NEXT (dB)	16.5	2.5	17.1	4.4
Freq. (MHz)	47.3	77.8	78.0	100.0
Limit (dB)	32.7	29.0	28.9	27.1



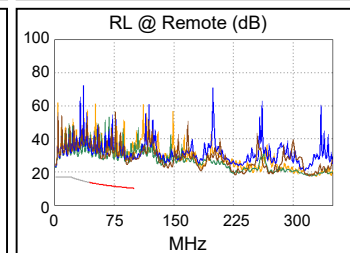
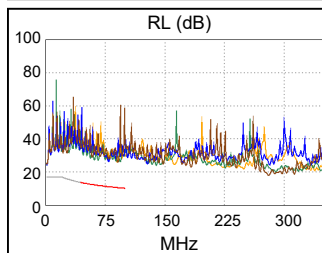
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-12	12-45	45-12	12-45
ACR-F (dB)	23.9	23.9	25.7	25.7
Freq. (MHz)	5.3	5.3	100.0	100.0
Limit (dB)	43.0	43.0	17.4	17.4
Worst Pair	45	45	45	45
PS ACR-F (dB)	24.9	25.2	26.3	26.6
Freq. (MHz)	1.0	1.5	99.8	100.0
Limit (dB)	54.4	50.9	14.4	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	45-78	36-45	36-45	36-45
ACR-N (dB)	21.8	7.0	33.0	20.8
Freq. (MHz)	9.0	4.5	78.3	100.0
Limit (dB)	41.0	48.0	10.9	6.1
Worst Pair	78	36	12	36
PS ACR-N (dB)	23.9	10.0	38.1	23.8
Freq. (MHz)	9.4	4.5	96.0	100.0
Limit (dB)	37.6	45.0	3.9	3.1



PASS	MAIN	SR	MAIN	SR
Worst Pair	36	78	12	78
RL (dB)	15.0	14.0	15.4	14.0
Freq. (MHz)	61.3	91.3	90.0	91.3
Limit (dB)	12.1	10.4	10.5	10.4





Cable ID: SALA POLIVALENTE PTO 46

Date / Time: 08/21/2018 05:35:12 PM
Headroom -1.0 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

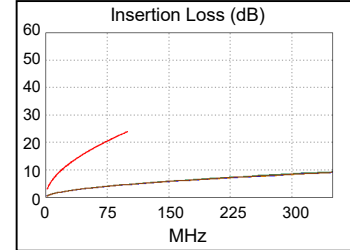
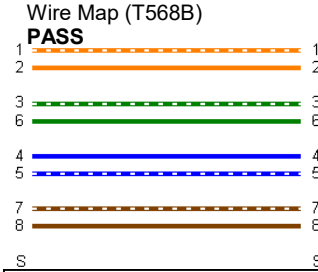
Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Test Summary: FAIL

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

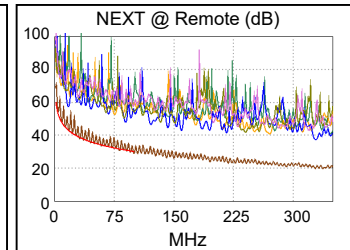
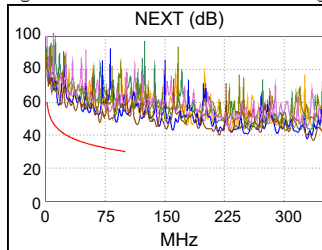
Length (m), Limit 100.0	[Pair 12]	22.0
Prop. Delay (ns), Limit 555	[Pair 45]	111
Delay Skew (ns), Limit 50	[Pair 45]	3
Resistance (ohms)	[Pair 45]	4.11
Insertion Loss Margin (dB)	[Pair 36]	19.3
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0

Patch Cable BAD or Patch Cable too short

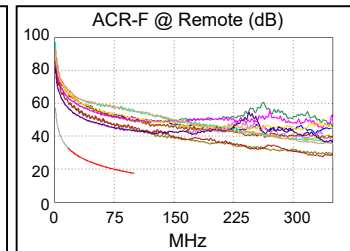
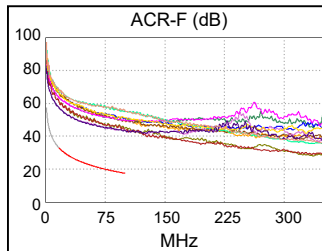


Worst Case Margin Worst Case Value

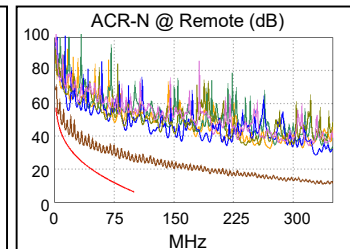
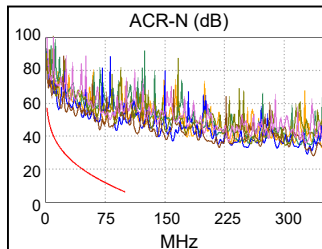
FAIL	MAIN	SR	MAIN	SR
Worst Pair	12-78	36-45	12-78	36-45
NEXT (dB)	14.9	-1.0F	16.9	-1.0
Freq. (MHz)	16.5	100.0	89.0	100.0
Limit (dB)	43.4	30.1	31.0	30.1
Worst Pair	78	36	78	36
PS NEXT (dB)	17.5	2.0	18.6	2.0
Freq. (MHz)	16.0	100.0	88.8	100.0
Limit (dB)	40.6	27.1	28.0	27.1



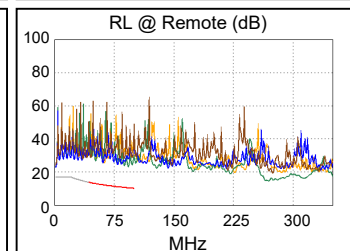
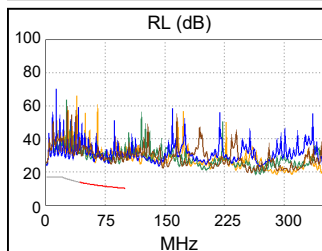
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	78-36	36-78	36-78
ACR-F (dB)	23.6	23.6	26.0	26.0
Freq. (MHz)	4.0	4.0	100.0	100.0
Limit (dB)	45.4	45.4	17.4	17.4
Worst Pair	36	36	36	36
PS ACR-F (dB)	24.3	24.3	25.5	26.1
Freq. (MHz)	3.5	3.3	100.0	100.0
Limit (dB)	43.5	44.2	14.4	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	12-78	36-45
ACR-N (dB)	19.5	5.6	35.1	18.4
Freq. (MHz)	3.3	4.5	89.0	100.0
Limit (dB)	51.0	48.0	8.4	6.1
Worst Pair	36	36	78	36
PS ACR-N (dB)	21.3	8.6	36.7	21.3
Freq. (MHz)	2.0	4.5	88.8	100.0
Limit (dB)	52.3	45.0	5.5	3.1



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	36	78	36
RL (dB)	13.5	12.9	13.8	12.9
Freq. (MHz)	62.5	92.8	82.3	92.8
Limit (dB)	12.1	10.3	10.9	10.3





Cable ID: SALA POLIVALENTE PTO 47

Date / Time: 08/22/2018 11:22:17 AM
Headroom -2.1 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

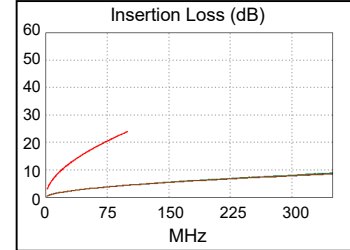
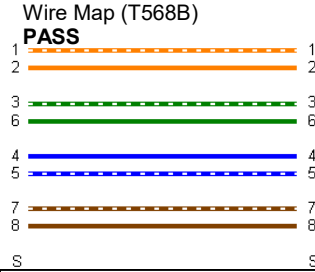
Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Test Summary: FAIL

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

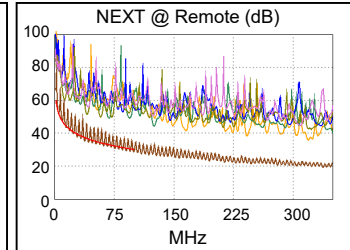
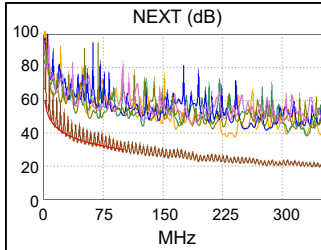
Length (m), Limit 100.0	[Pair 12]	21.2
Prop. Delay (ns), Limit 555	[Pair 45]	106
Delay Skew (ns), Limit 50	[Pair 36]	2
Resistance (ohms)	[Pair 45]	3.87
Insertion Loss Margin (dB)	[Pair 12]	19.6
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0

Patch Cable BAD or Patch Cable too short

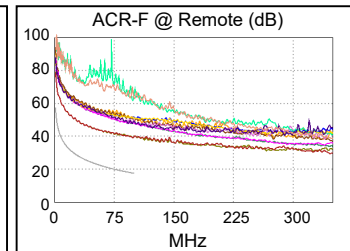
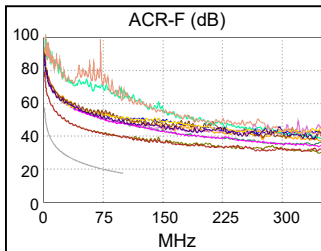


Worst Case Margin Worst Case Value

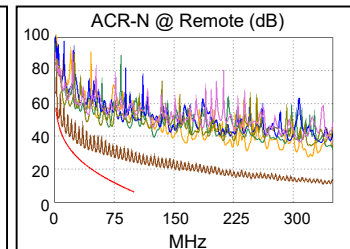
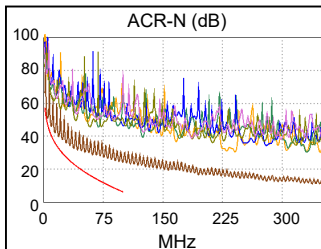
	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	-2.1F	-2.0F	-1.6	-1.5
Freq. (MHz)	37.8	37.8	99.5	99.5
Limit (dB)	37.3	37.3	30.1	30.1
Worst Pair	36	36	36	36
PS NEXT (dB)	0.9	1.0	1.4	1.5
Freq. (MHz)	37.8	42.5	99.5	99.5
Limit (dB)	34.3	33.4	27.1	27.1



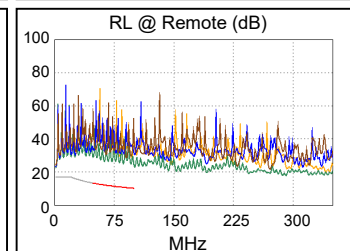
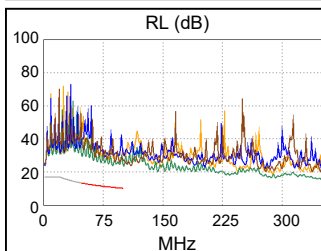
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	20.3	20.3	21.7	21.6
Freq. (MHz)	4.0	4.0	98.5	98.5
Limit (dB)	45.4	45.4	17.5	17.5
Worst Pair	45	36	36	36
PS ACR-F (dB)	23.0	22.7	23.9	23.8
Freq. (MHz)	3.9	3.8	98.3	98.5
Limit (dB)	42.6	42.9	14.6	14.5



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	3.6	3.7	17.9	18.0
Freq. (MHz)	4.8	4.8	99.5	99.5
Limit (dB)	47.5	47.5	6.2	6.2
Worst Pair	36	36	36	36
PS ACR-N (dB)	6.6	6.6	20.9	21.0
Freq. (MHz)	4.8	4.6	99.5	99.5
Limit (dB)	44.5	44.7	3.2	3.2



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36	36	36	36
RL (dB)	13.1	13.5	13.1	13.5
Freq. (MHz)	86.5	100.0	86.5	100.0
Limit (dB)	10.6	10.0	10.6	10.0





Cable ID: SALA POLIVALENTE PTO 48

Date / Time: 08/22/2018 11:22:59 AM
Headroom -2.2 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

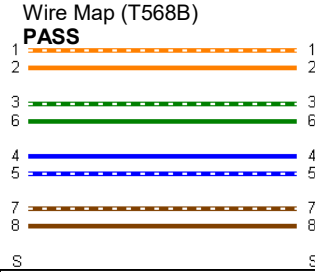
Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Test Summary: FAIL

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

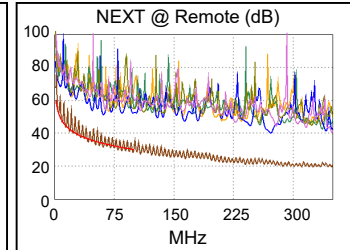
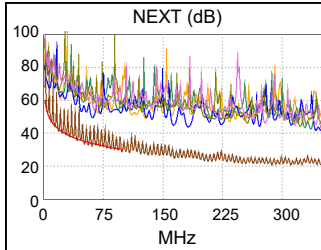
Length (m), Limit 100.0	[Pair 78]	21.2
Prop. Delay (ns), Limit 555	[Pair 45]	108
Delay Skew (ns), Limit 50	[Pair 45]	4
Resistance (ohms)	[Pair 45]	3.91
Insertion Loss Margin (dB)	[Pair 36]	19.5
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0

Patch Cable BAD or Patch Cable too short

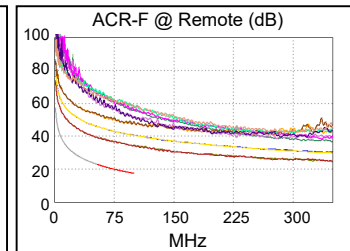
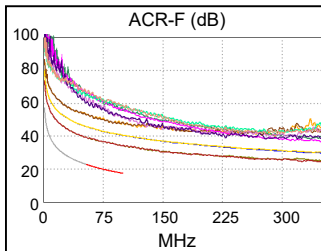


Worst Case Margin Worst Case Value

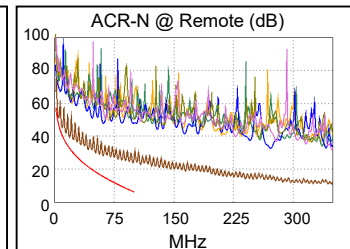
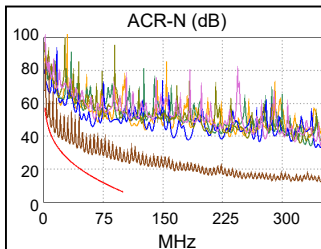
	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	-1.7F	-2.2F	-1.4	-1.9
Freq. (MHz)	61.0	61.0	98.8	98.5
Limit (dB)	33.8	33.8	30.2	30.2
Worst Pair	36	36	36	36
PS NEXT (dB)	1.3	0.8	1.6	1.1
Freq. (MHz)	61.0	61.0	98.8	98.5
Limit (dB)	30.8	30.8	27.2	27.2



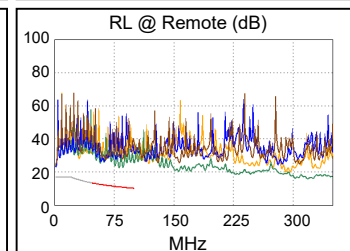
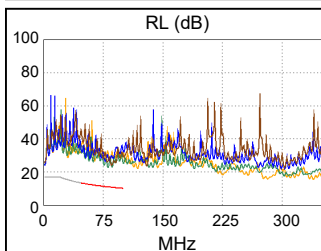
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	36-45	45-36
ACR-F (dB)	15.8	15.8	16.5	16.4
Freq. (MHz)	4.1	4.1	97.8	97.8
Limit (dB)	45.1	45.1	17.6	17.6
Worst Pair	36	36	36	36
PS ACR-F (dB)	18.7	18.7	19.4	19.1
Freq. (MHz)	4.6	4.0	98.5	97.8
Limit (dB)	41.1	42.4	14.5	14.6



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	4.0	3.8	18.1	17.5
Freq. (MHz)	4.5	4.6	98.8	98.5
Limit (dB)	48.0	47.7	6.3	6.4
Worst Pair	36	36	36	36
PS ACR-N (dB)	6.9	6.7	21.0	20.4
Freq. (MHz)	4.5	4.5	98.8	98.5
Limit (dB)	45.0	45.0	3.3	3.4



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36	36	36	36
RL (dB)	11.8	11.7	11.8	11.7
Freq. (MHz)	81.0	81.0	81.0	81.0
Limit (dB)	10.9	10.9	10.9	10.9





Cable ID: SALA POLIVALENTE PTO 50

Date / Time: 08/22/2018 11:33:46 AM
Headroom -0.7 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

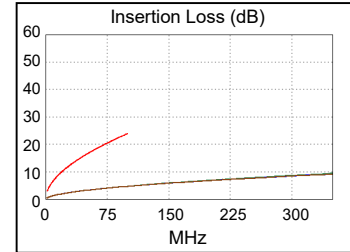
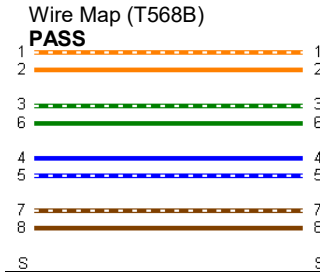
Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Test Summary: FAIL

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

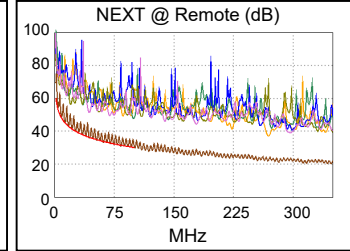
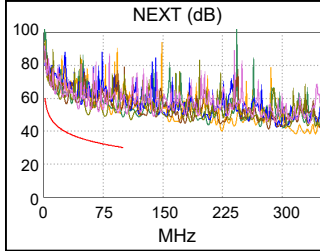
Length (m), Limit 100.0	[Pair 78]	22.8
Prop. Delay (ns), Limit 555	[Pair 45]	115
Delay Skew (ns), Limit 50	[Pair 45]	3
Resistance (ohms)	[Pair 45]	4.19
Insertion Loss Margin (dB)	[Pair 36]	19.2
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0

Patch Cable BAD or Patch Cable too short

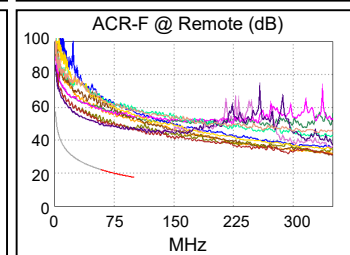
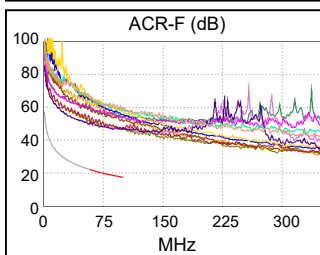


Worst Case Margin Worst Case Value

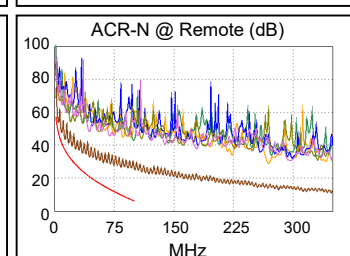
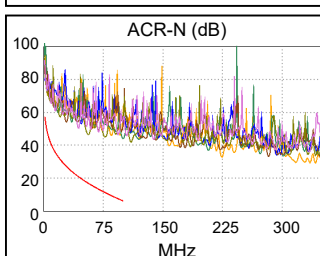
FAIL	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-45	12-45	36-45
NEXT (dB)	15.6	-0.7F	18.7	-0.1
Freq. (MHz)	56.3	61.3	100.0	92.3
Limit (dB)	34.4	33.7	30.1	30.7
Worst Pair	78	36	45	36
PS NEXT (dB)	17.7	2.3	20.4	3.3
Freq. (MHz)	54.8	61.3	99.3	96.5
Limit (dB)	31.6	30.7	27.1	27.3



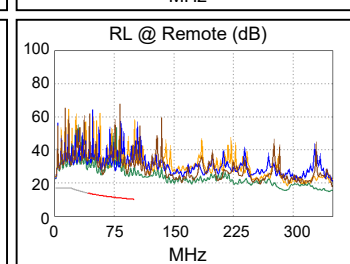
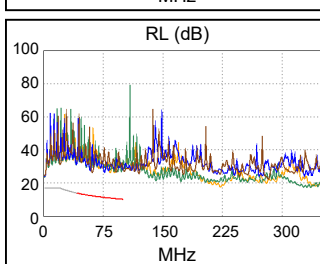
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	78-36	36-45	45-36
ACR-F (dB)	26.9	26.8	28.8	28.8
Freq. (MHz)	23.0	22.8	98.5	98.5
Limit (dB)	30.2	30.3	17.5	17.5
Worst Pair	36	36	36	36
PS ACR-F (dB)	27.1	27.4	28.9	28.6
Freq. (MHz)	1.5	1.3	98.0	98.5
Limit (dB)	50.9	52.5	14.6	14.5



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	36-45	12-45	36-45
ACR-N (dB)	23.2	5.7	38.0	20.0
Freq. (MHz)	4.8	4.1	100.0	100.0
Limit (dB)	47.5	48.8	6.1	6.1
Worst Pair	36	36	45	36
PS ACR-N (dB)	22.7	8.6	39.6	22.1
Freq. (MHz)	4.0	4.1	99.3	96.5
Limit (dB)	46.1	45.8	3.2	3.8



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	36	12	36
RL (dB)	14.0	12.5	15.7	13.6
Freq. (MHz)	61.0	58.5	89.3	93.3
Limit (dB)	12.2	12.3	10.5	10.3





Cable ID: SALA POLIVALENTE PTO 49

Date / Time: 08/22/2018 11:46:07 AM
Headroom -1.8 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

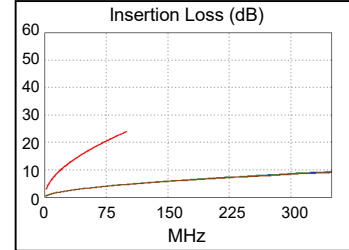
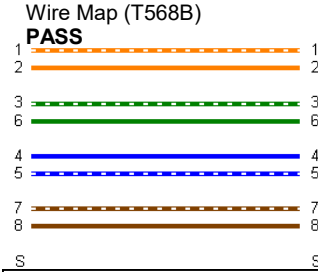
Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Test Summary: FAIL

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

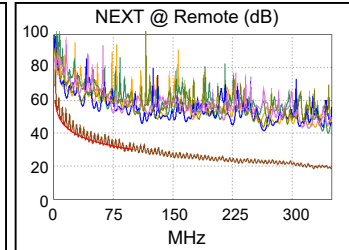
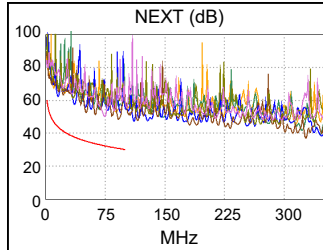
Length (m), Limit 100.0	[Pair 78]	22.2
Prop. Delay (ns), Limit 555	[Pair 45]	113
Delay Skew (ns), Limit 50	[Pair 45]	4
Resistance (ohms)	[Pair 45]	4.12
Insertion Loss Margin (dB)	[Pair 36]	19.3
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0

Patch Cable BAD or Patch Cable too short

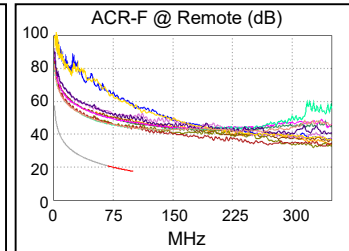
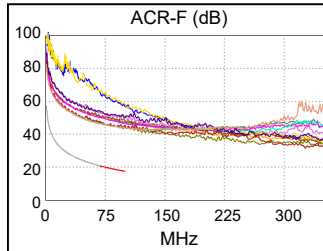


Worst Case Margin Worst Case Value

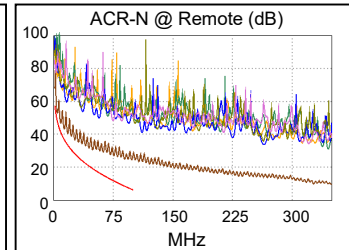
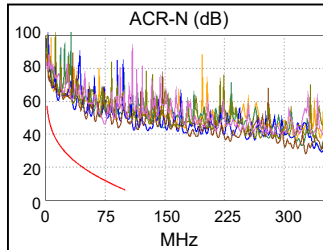
FAIL	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	17.5	-1.8F	17.7	-1.2
Freq. (MHz)	51.0	89.5	91.3	98.3
Limit (dB)	35.1	30.9	30.8	30.2
Worst Pair	12	36	36	36
PS NEXT (dB)	19.3	1.2	19.6	1.8
Freq. (MHz)	15.6	89.5	91.3	98.3
Limit (dB)	40.8	27.9	27.8	27.2



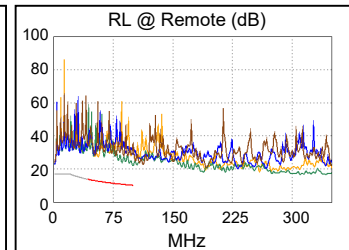
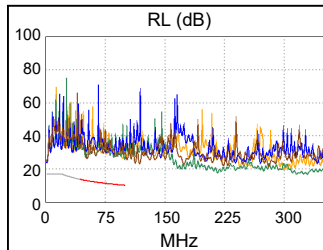
PASS	MAIN	SR	MAIN	SR
Worst Pair	78-45	45-78	36-45	45-36
ACR-F (dB)	25.3	25.3	25.8	25.7
Freq. (MHz)	54.5	54.5	97.8	97.8
Limit (dB)	22.7	22.7	17.6	17.6
Worst Pair	45	45	45	45
PS ACR-F (dB)	24.6	24.5	25.3	25.2
Freq. (MHz)	48.5	3.6	98.3	97.5
Limit (dB)	20.7	43.2	14.6	14.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	23.9	5.0	36.2	18.0
Freq. (MHz)	3.6	4.4	91.5	98.3
Limit (dB)	50.0	48.2	7.9	6.4
Worst Pair	36	36	36	36
PS ACR-N (dB)	24.3	7.9	38.0	20.9
Freq. (MHz)	3.6	4.1	91.3	98.3
Limit (dB)	47.0	45.8	4.9	3.4



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	36	36	36
RL (dB)	13.2	11.9	15.8	11.9
Freq. (MHz)	52.0	99.8	99.5	99.8
Limit (dB)	12.9	10.0	10.0	10.0





Cable ID: SALA POLIVALENTE PTO 52

Date / Time: 08/22/2018 11:50:47 AM
Headroom -1.5 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

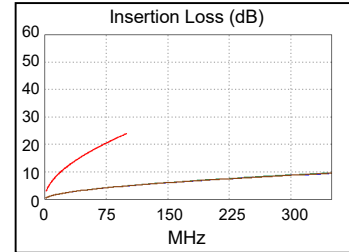
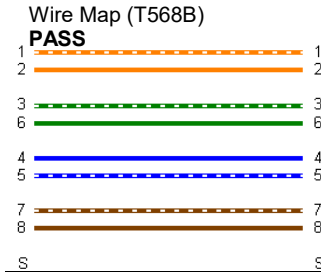
Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Test Summary: FAIL

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

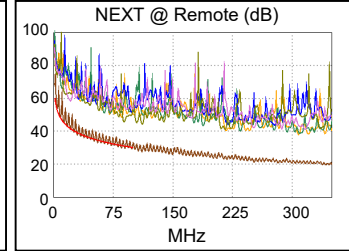
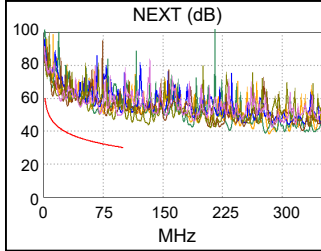
Length (m), Limit 100.0	[Pair 78]	23.4
Prop. Delay (ns), Limit 555	[Pair 45]	118
Delay Skew (ns), Limit 50	[Pair 36]	3
Resistance (ohms)	[Pair 45]	4.32
Insertion Loss Margin (dB)	[Pair 12]	19.1
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0

Patch Cable BAD or Patch Cable too short

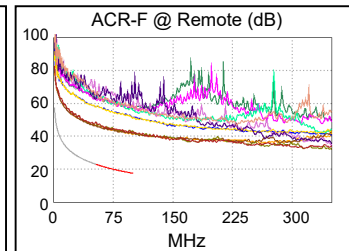
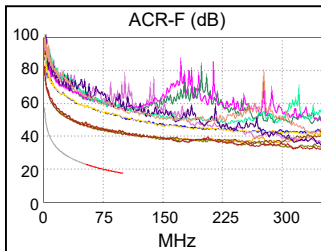


Worst Case Margin Worst Case Value

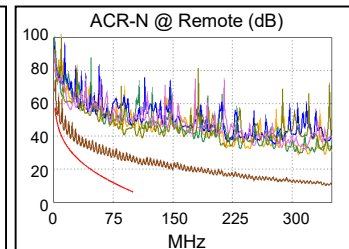
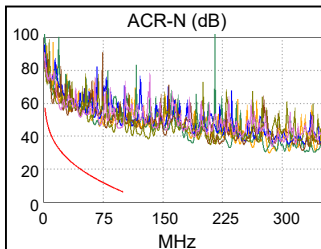
FAIL	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-78	36-45
NEXT (dB)	15.4	-1.5F	16.1	-1.0
Freq. (MHz)	11.4	85.3	88.3	98.3
Limit (dB)	46.1	31.3	31.0	30.2
Worst Pair	12	36	36	36
PS NEXT (dB)	17.1	1.4	18.2	2.0
Freq. (MHz)	70.5	85.3	88.3	98.3
Limit (dB)	29.7	28.3	28.0	27.2



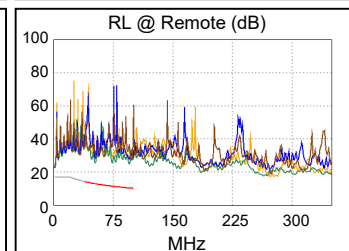
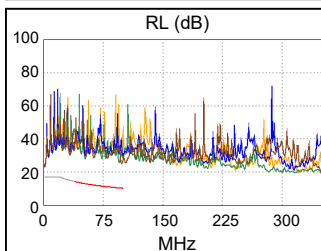
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-12	12-36	36-12	12-36
ACR-F (dB)	22.6	22.6	23.8	23.8
Freq. (MHz)	4.0	4.0	100.0	100.0
Limit (dB)	45.4	45.4	17.4	17.4
Worst Pair	36	36	36	36
PS ACR-F (dB)	23.2	23.0	24.6	24.2
Freq. (MHz)	3.3	3.3	98.8	99.0
Limit (dB)	44.2	44.2	14.5	14.5



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-78	36-45
ACR-N (dB)	21.4	4.7	33.9	18.0
Freq. (MHz)	10.9	4.1	88.3	98.3
Limit (dB)	39.0	48.8	8.6	6.4
Worst Pair	45	36	36	36
PS ACR-N (dB)	23.0	7.7	36.0	20.9
Freq. (MHz)	10.5	4.1	88.3	98.3
Limit (dB)	36.4	45.8	5.6	3.4



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	36	78	36
RL (dB)	14.9	12.7	14.9	14.5
Freq. (MHz)	98.3	52.5	98.3	95.3
Limit (dB)	10.1	12.8	10.1	10.2





Cable ID: SALA POLIVALENTE PTO 51

Date / Time: 08/22/2018 11:52:18 AM
Headroom -1.1 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

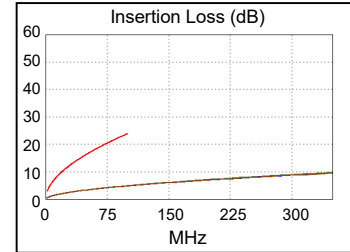
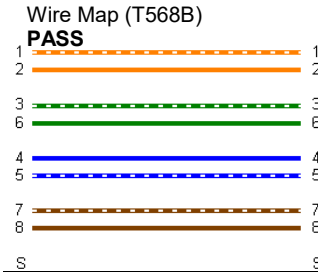
Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Test Summary: FAIL

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

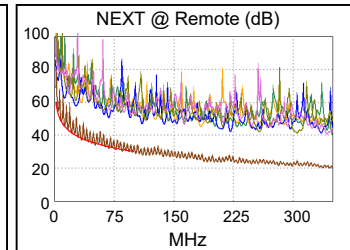
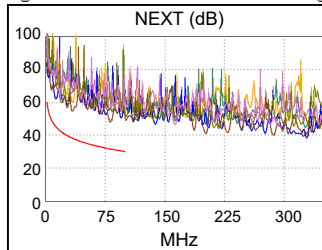
Length (m), Limit 100.0	[Pair 78]	23.4
Prop. Delay (ns), Limit 555	[Pair 45]	118
Delay Skew (ns), Limit 50	[Pair 36]	3
Resistance (ohms)	[Pair 45]	4.33
Insertion Loss Margin (dB)	[Pair 36]	19.0
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0

Patch Cable BAD or Patch Cable too short

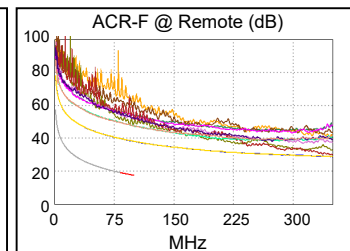
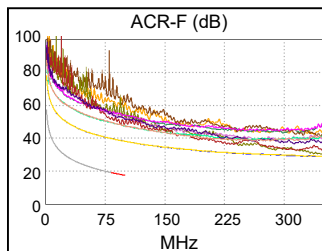


Worst Case Margin Worst Case Value

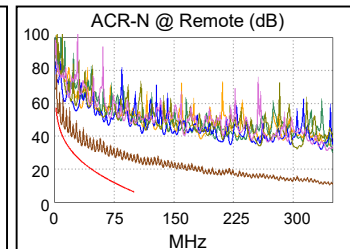
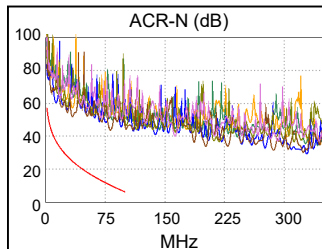
	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	16.4	-1.1F	16.4	-0.5
Freq. (MHz)	81.5	85.0	81.5	97.8
Limit (dB)	31.6	31.3	31.6	30.2
Worst Pair	36	36	36	36
PS NEXT (dB)	18.1	1.9	18.7	2.5
Freq. (MHz)	27.0	85.0	81.5	97.8
Limit (dB)	36.8	28.3	28.6	27.2



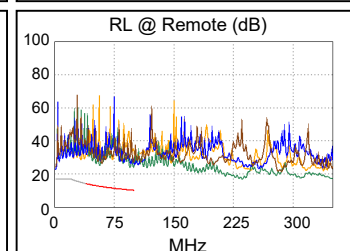
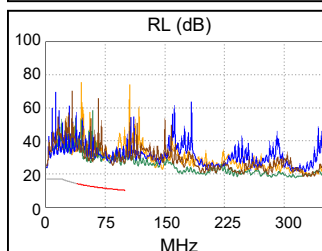
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-78	78-12	12-78	12-78
ACR-F (dB)	20.4	20.4	20.7	20.7
Freq. (MHz)	4.8	4.8	100.0	100.0
Limit (dB)	43.9	43.9	17.4	17.4
Worst Pair	78	78	78	78
PS ACR-F (dB)	22.9	22.7	23.1	23.0
Freq. (MHz)	4.8	1.3	100.0	100.0
Limit (dB)	40.9	52.5	14.4	14.4



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-78	36-45	36-45	36-45
ACR-N (dB)	22.0	5.5	33.5	18.4
Freq. (MHz)	2.0	8.4	81.5	97.8
Limit (dB)	55.3	41.8	10.1	6.5
Worst Pair	78	36	36	36
PS ACR-N (dB)	24.5	8.5	35.7	21.3
Freq. (MHz)	1.9	8.4	81.5	97.8
Limit (dB)	52.8	38.8	7.1	3.5



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36	36	78	36
RL (dB)	14.3	12.6	14.6	13.7
Freq. (MHz)	56.5	56.8	84.5	94.8
Limit (dB)	12.5	12.5	10.7	10.2





Cable ID: SALA POLIVALENTE PTO 53

Date / Time: 08/22/2018 11:55:11 AM
Headroom -1.8 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

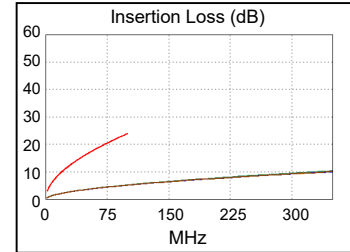
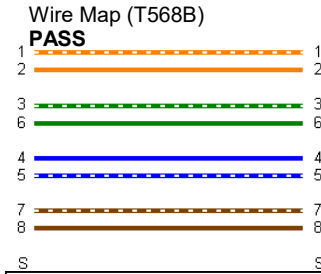
Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Test Summary: FAIL

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

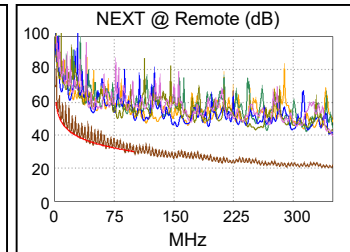
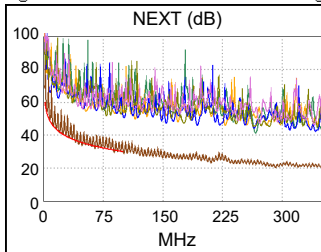
Length (m), Limit 100.0	[Pair 78]	24.7
Prop. Delay (ns), Limit 555	[Pair 45]	125
Delay Skew (ns), Limit 50	[Pair 45]	4
Resistance (ohms)	[Pair 45]	4.56
Insertion Loss Margin (dB)	[Pair 12]	18.8
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0

Patch Cable BAD or Patch Cable too short

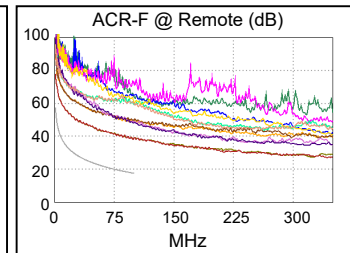
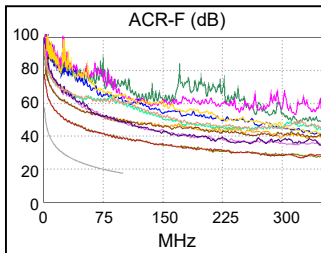


Worst Case Margin Worst Case Value

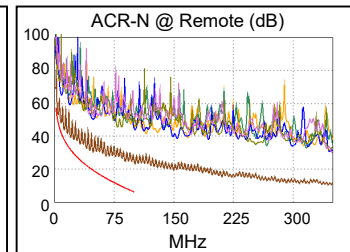
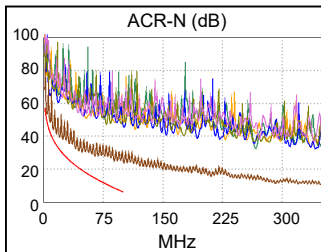
	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	-1.8F	-1.6F	-1.3	-1.5
Freq. (MHz)	48.3	48.3	88.8	88.8
Limit (dB)	35.5	35.5	31.0	31.0
Worst Pair	36	36	36	36
PS NEXT (dB)	1.2	1.4	1.7	1.5
Freq. (MHz)	48.3	48.3	88.8	88.8
Limit (dB)	32.5	32.5	28.0	28.0



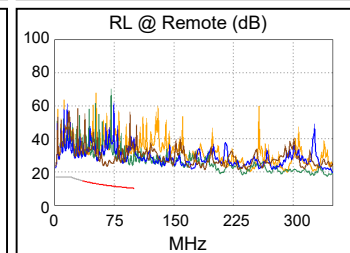
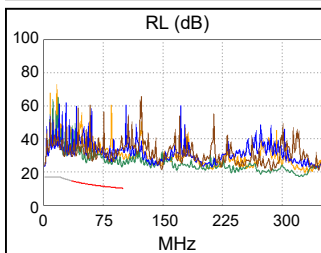
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	45-36	36-45	45-36
ACR-F (dB)	20.6	20.6	20.8	20.7
Freq. (MHz)	90.5	98.3	98.8	98.8
Limit (dB)	18.3	17.6	17.5	17.5
Worst Pair	36	36	36	36
PS ACR-F (dB)	22.8	22.8	23.2	23.0
Freq. (MHz)	1.5	1.4	98.8	98.8
Limit (dB)	50.9	51.6	14.5	14.5



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	4.8	4.6	16.4	18.4
Freq. (MHz)	3.9	4.0	88.8	100.0
Limit (dB)	49.4	49.1	8.5	6.1
Worst Pair	36	36	36	36
PS ACR-N (dB)	7.8	7.6	19.3	21.4
Freq. (MHz)	3.9	4.0	88.8	100.0
Limit (dB)	46.4	46.1	5.5	3.1



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36	78	36	78
RL (dB)	12.9	11.6	13.0	11.6
Freq. (MHz)	53.5	66.0	98.3	66.0
Limit (dB)	12.7	11.8	10.1	11.8





Cable ID: SALA POLIVALENTE PTO 54

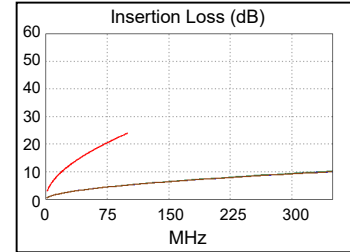
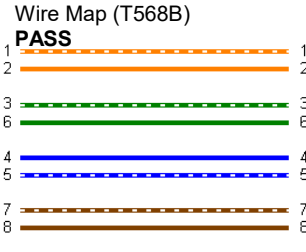
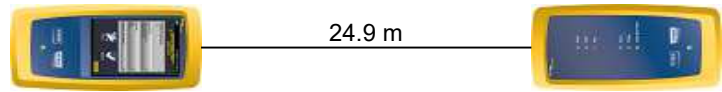
Date / Time: 08/22/2018 11:56:25 AM
Headroom 12.1 dB (NEXT 36-78)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Test Summary: PASS

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

Length (m), Limit 100.0	[Pair 78]	24.9
Prop. Delay (ns), Limit 555	[Pair 45]	125
Delay Skew (ns), Limit 50	[Pair 45]	3
Resistance (ohms)	[Pair 45]	4.56
Insertion Loss Margin (dB)	[Pair 12]	18.8
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0



Worst Case Margin Worst Case Value

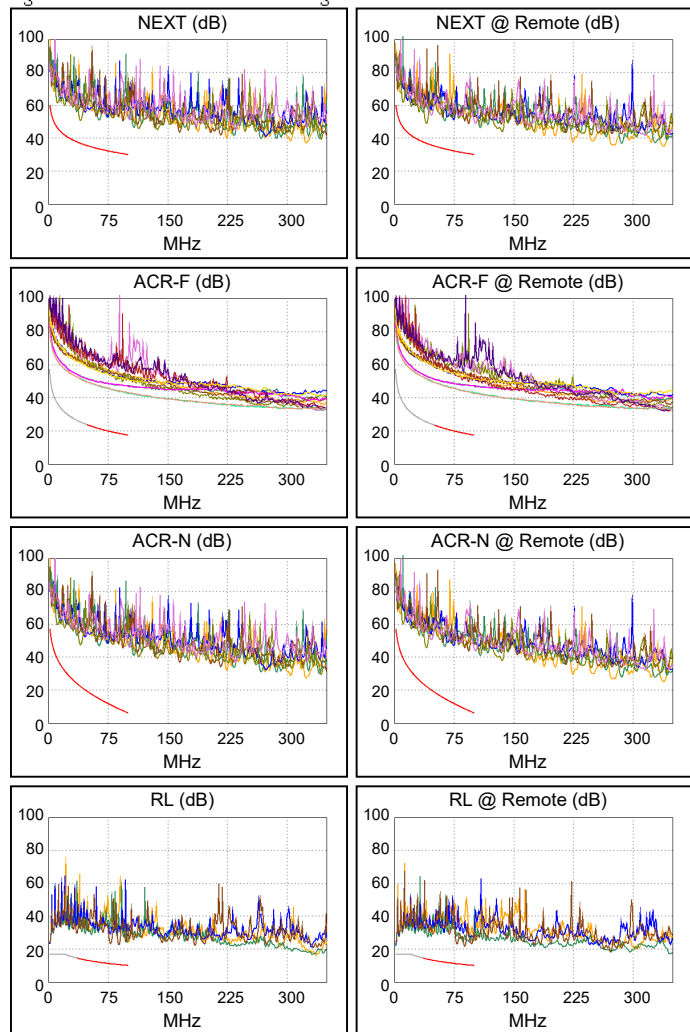
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-45	36-45
NEXT (dB)	13.9	12.1	20.0	18.3
Freq. (MHz)	40.0	40.0	93.5	93.3
Limit (dB)	36.9	36.9	30.6	30.6
Worst Pair	36	78	36	36
PS NEXT (dB)	16.1	14.6	20.7	19.3
Freq. (MHz)	40.0	40.0	93.8	88.3
Limit (dB)	33.9	33.9	27.6	28.0

PASS	MAIN	SR	MAIN	SR
Worst Pair	45-78	78-45	45-78	78-45
ACR-F (dB)	25.2	25.2	25.3	25.3
Freq. (MHz)	99.3	99.3	100.0	100.0
Limit (dB)	17.5	17.5	17.4	17.4
Worst Pair	45	45	45	45
PS ACR-F (dB)	26.0	25.8	27.0	26.8
Freq. (MHz)	1.1	1.1	99.3	99.8
Limit (dB)	53.4	53.4	14.5	14.4

N/A	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-45	36-45	36-45
ACR-N (dB)	20.8	20.9	38.2	36.4
Freq. (MHz)	10.6	3.3	93.5	93.3
Limit (dB)	39.2	51.0	7.4	7.5
Worst Pair	78	45	36	36
PS ACR-N (dB)	23.2	22.4	38.9	38.0
Freq. (MHz)	10.6	3.3	93.8	93.0
Limit (dB)	36.2	48.0	4.4	4.5

PASS	MAIN	SR	MAIN	SR
Worst Pair	78	78	78	78
RL (dB)	12.0	11.1	12.1	11.1
Freq. (MHz)	88.3	88.3	88.5	88.3
Limit (dB)	10.6	10.6	10.5	10.6

Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive





Cable ID: SALA POLIVALENTE PTO 55

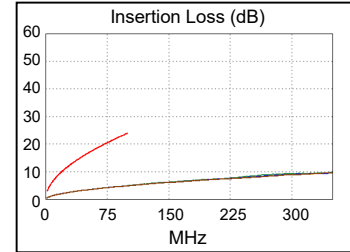
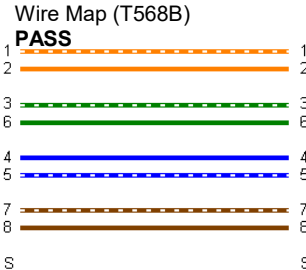
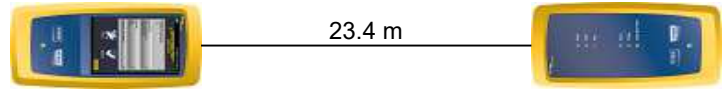
Test Summary: PASS

Date / Time: 08/22/2018 12:03:27 PM
Headroom 12.3 dB (NEXT 45-78)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

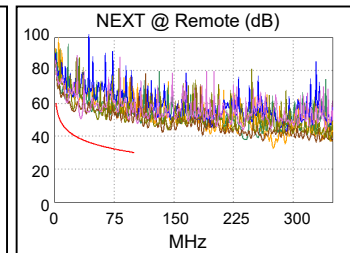
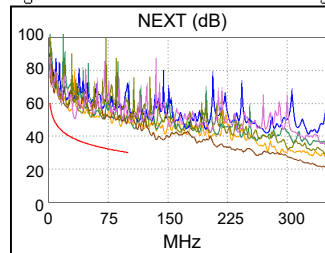
Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

Length (m), Limit 100.0	[Pair 78]	23.4
Prop. Delay (ns), Limit 555	[Pair 45]	118
Delay Skew (ns), Limit 50	[Pair 45]	3
Resistance (ohms)	[Pair 45]	4.47
Insertion Loss Margin (dB)	[Pair 36]	19.0
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0

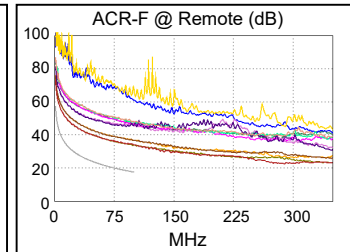
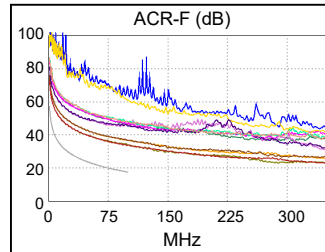


Worst Case Margin Worst Case Value

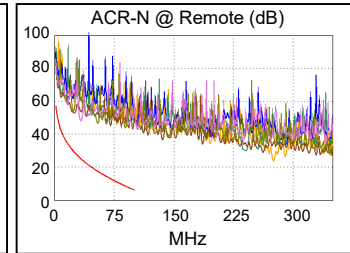
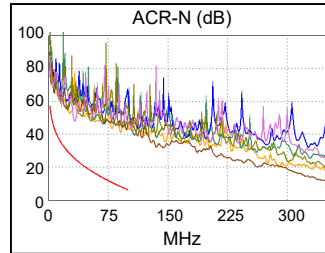
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	12-36	36-45
NEXT (dB)	12.3	12.5	15.2	18.0
Freq. (MHz)	32.8	33.0	90.8	98.3
Limit (dB)	38.4	38.3	30.8	30.2
Worst Pair	45	45	36	45
PS NEXT (dB)	14.8	14.2	16.4	17.9
Freq. (MHz)	32.8	32.8	90.8	93.3
Limit (dB)	35.4	35.4	27.8	27.6



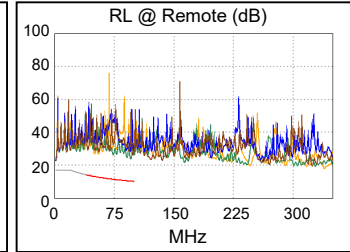
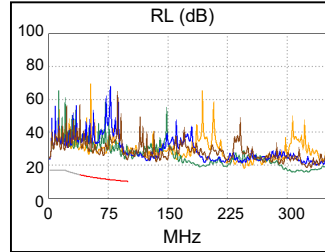
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	15.1	15.1	16.1	16.1
Freq. (MHz)	3.4	3.4	99.0	99.0
Limit (dB)	46.8	46.8	17.5	17.5
Worst Pair	36	36	36	36
PS ACR-F (dB)	16.1	16.1	17.1	17.4
Freq. (MHz)	3.5	3.3	99.0	100.0
Limit (dB)	43.5	44.2	14.5	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	12-36	36-45
ACR-N (dB)	19.6	19.8	33.3	36.9
Freq. (MHz)	1.9	3.5	90.8	98.3
Limit (dB)	55.8	50.3	8.0	6.4
Worst Pair	36	36	36	45
PS ACR-N (dB)	20.2	20.2	34.5	36.3
Freq. (MHz)	2.0	3.5	90.8	93.3
Limit (dB)	52.3	47.3	5.0	4.5



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	36	78	36
RL (dB)	13.2	13.5	13.2	13.5
Freq. (MHz)	98.8	95.8	98.8	95.8
Limit (dB)	10.1	10.2	10.1	10.2



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive



Cable ID: SALA POLIVALENTE PTO 56

Date / Time: 08/22/2018 12:04:45 PM
Headroom -1.3 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

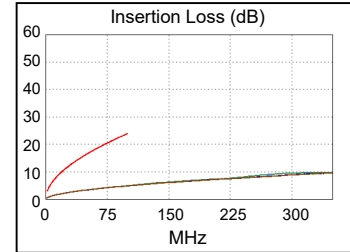
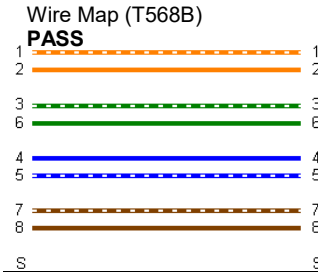
Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Test Summary: FAIL

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

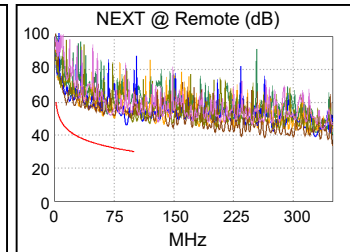
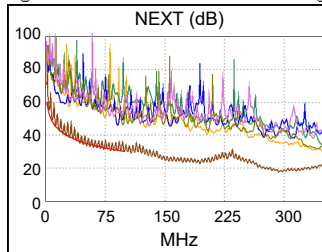
Length (m), Limit 100.0	[Pair 12]	23.2
Prop. Delay (ns), Limit 555	[Pair 45]	117
Delay Skew (ns), Limit 50	[Pair 45]	3
Resistance (ohms)	[Pair 45]	4.32
Insertion Loss Margin (dB)	[Pair 36]	19.0
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0

Patch Cable BAD or Patch Cable too short

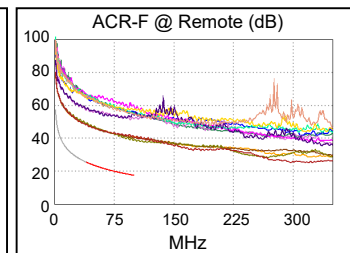
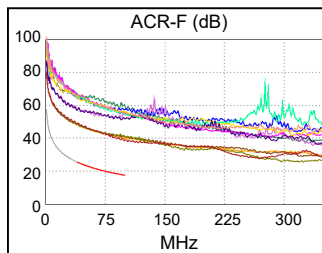


Worst Case Margin Worst Case Value

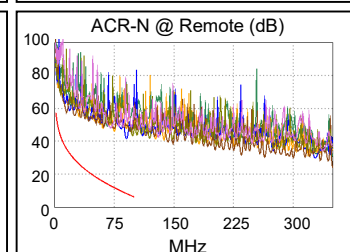
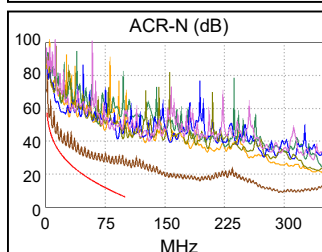
	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	36-45	36-45	36-45	12-78
NEXT (dB)	-1.3F	15.2	0.1	15.4
Freq. (MHz)	60.3	14.6	99.0	90.5
Limit (dB)	33.9	44.2	30.2	30.8
Worst Pair	36	12	36	12
PS NEXT (dB)	1.7	17.4	3.0	17.5
Freq. (MHz)	60.3	90.0	99.0	90.5
Limit (dB)	30.9	27.9	27.2	27.8



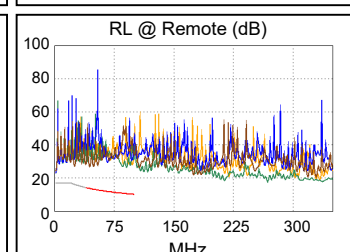
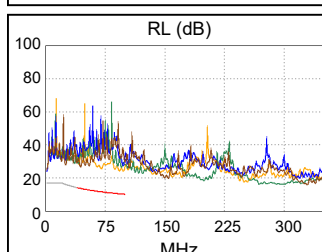
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	21.0	21.1	21.0	21.1
Freq. (MHz)	99.0	99.0	99.0	99.0
Limit (dB)	17.5	17.5	17.5	17.5
Worst Pair	36	36	36	36
PS ACR-F (dB)	21.5	21.4	21.5	23.2
Freq. (MHz)	99.3	3.1	99.3	100.0
Limit (dB)	14.5	44.5	14.5	14.4



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	36-45	36-45	12-78
ACR-N (dB)	6.1	22.1	19.1	33.5
Freq. (MHz)	4.1	14.6	99.0	90.5
Limit (dB)	48.8	35.6	6.3	8.1
Worst Pair	36	36	36	12
PS ACR-N (dB)	9.1	24.6	21.9	35.6
Freq. (MHz)	4.1	14.6	99.0	90.5
Limit (dB)	45.8	32.6	3.3	5.1



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	78	78	12	36
RL (dB)	13.0	13.2	13.9	16.0
Freq. (MHz)	44.0	44.0	98.0	90.5
Limit (dB)	13.6	13.6	10.1	10.4





Cable ID: SALA POLIVALENTE PTO 57

Date / Time: 08/22/2018 12:06:24 PM
Headroom -0.9 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

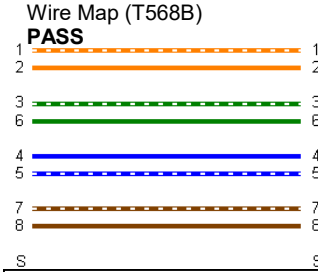
Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Test Summary: FAIL

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

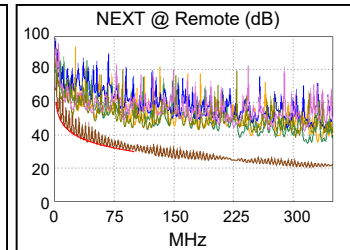
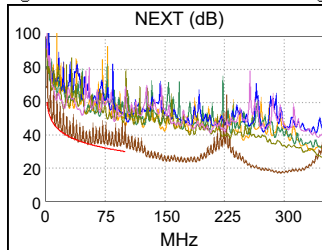
Length (m), Limit 100.0	[Pair 78]	24.5
Prop. Delay (ns), Limit 555	[Pair 45]	123
Delay Skew (ns), Limit 50	[Pair 45]	3
Resistance (ohms)	[Pair 45]	4.55
Insertion Loss Margin (dB)	[Pair 36]	18.8
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0

Patch Cable BAD or Patch Cable too short

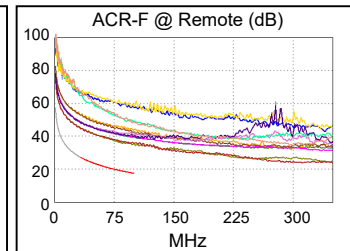
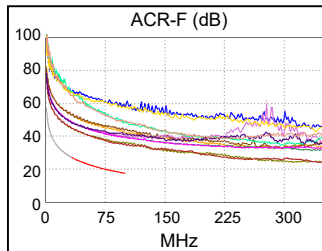


Worst Case Margin Worst Case Value

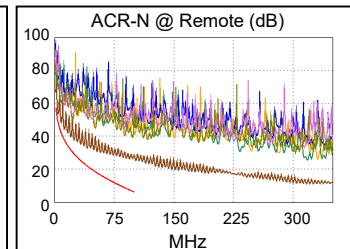
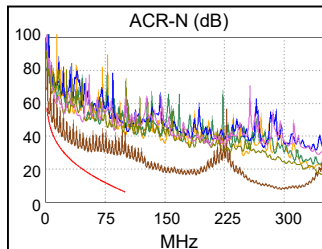
	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	-0.9F	-0.9F	2.4	0.7
Freq. (MHz)	40.8	40.8	90.0	94.3
Limit (dB)	36.8	36.8	30.9	30.5
Worst Pair	36	36	36	36
PS NEXT (dB)	2.1	2.1	5.3	3.6
Freq. (MHz)	40.8	40.8	90.0	94.3
Limit (dB)	33.8	33.8	27.9	27.5



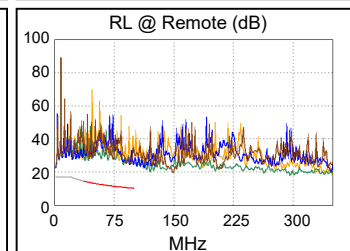
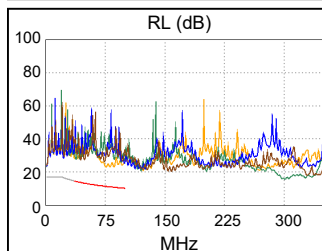
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	16.8	16.8	17.3	17.3
Freq. (MHz)	84.5	84.5	98.0	98.0
Limit (dB)	18.9	18.9	17.6	17.6
Worst Pair	36	36	36	45
PS ACR-F (dB)	17.8	17.8	18.8	18.9
Freq. (MHz)	3.5	3.3	98.3	98.3
Limit (dB)	43.5	44.2	14.6	14.6



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	5.0	5.2	20.3	18.9
Freq. (MHz)	4.0	4.0	90.0	94.3
Limit (dB)	49.1	49.1	8.2	7.3
Worst Pair	36	36	36	36
PS ACR-N (dB)	8.0	8.1	23.1	21.8
Freq. (MHz)	4.0	4.0	90.0	94.3
Limit (dB)	46.1	46.1	5.2	4.3



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	36	12	36
RL (dB)	11.7	12.6	11.7	14.2
Freq. (MHz)	76.0	38.3	76.0	95.0
Limit (dB)	11.2	14.2	11.2	10.2





Cable ID: SALA POLIVALENTE PTO 58

Date / Time: 08/22/2018 12:07:58 PM
Headroom -1.6 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

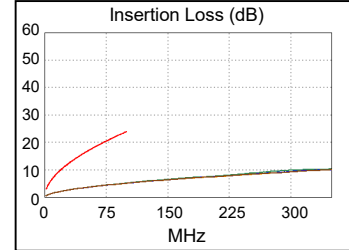
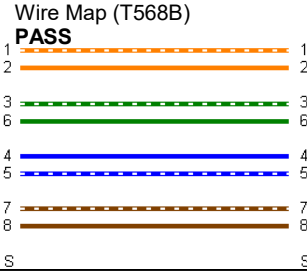
Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Test Summary: FAIL

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

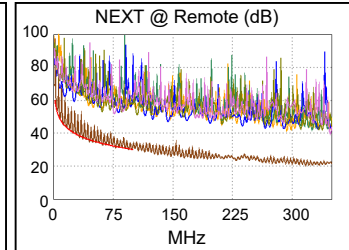
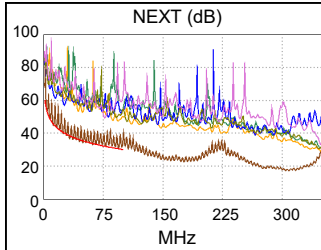
Length (m), Limit 100.0	[Pair 78]	24.3
Prop. Delay (ns), Limit 555	[Pair 45]	123
Delay Skew (ns), Limit 50	[Pair 45]	4
Resistance (ohms)	[Pair 45]	4.55
Insertion Loss Margin (dB)	[Pair 36]	18.8
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0

Patch Cable BAD or Patch Cable too short

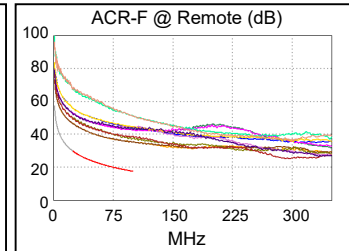
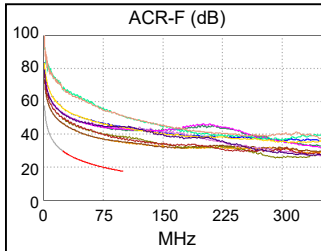


Worst Case Margin Worst Case Value

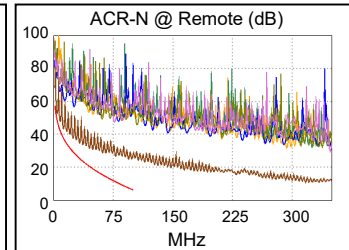
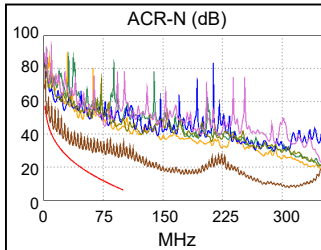
FAIL	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	-1.6F	-1.1F	0.4	-0.6
Freq. (MHz)	32.8	45.0	94.3	94.3
Limit (dB)	38.4	36.0	30.5	30.5
Worst Pair	36	36	36	36
PS NEXT (dB)	1.4	1.9	3.3	2.4
Freq. (MHz)	32.8	45.0	94.3	94.3
Limit (dB)	35.4	33.0	27.5	27.5



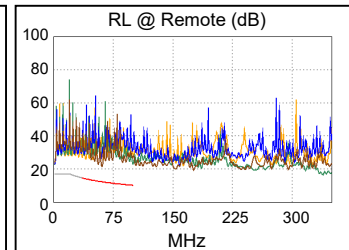
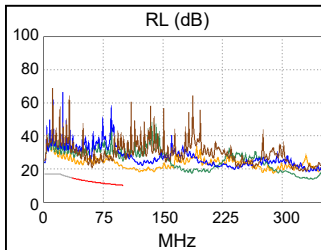
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	36-12	12-36	36-12
ACR-F (dB)	15.9	15.9	17.5	17.6
Freq. (MHz)	2.3	2.3	99.3	99.3
Limit (dB)	50.4	50.4	17.5	17.5
Worst Pair	36	36	36	36
PS ACR-F (dB)	16.5	16.5	18.1	18.7
Freq. (MHz)	3.0	3.4	98.5	100.0
Limit (dB)	44.9	43.8	14.5	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	3.9	4.1	18.6	17.6
Freq. (MHz)	4.0	3.9	94.3	94.3
Limit (dB)	49.1	49.4	7.3	7.3
Worst Pair	36	36	36	36
PS ACR-N (dB)	6.9	7.1	21.4	20.5
Freq. (MHz)	4.1	4.1	94.3	94.3
Limit (dB)	45.8	45.8	4.3	4.3



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	78	12	78
RL (dB)	8.6	9.1	10.8	9.1
Freq. (MHz)	61.0	60.8	100.0	60.8
Limit (dB)	12.2	12.2	10.0	12.2





Cable ID: SALA POLIVALENTE PTO 59

Date / Time: 08/22/2018 12:09:31 PM
Headroom -1.8 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

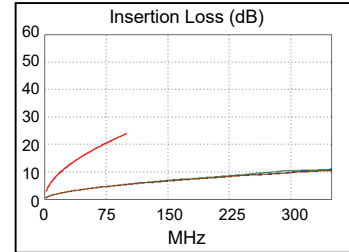
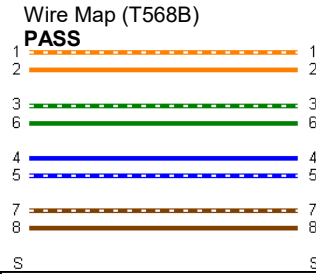
Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Test Summary: FAIL

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

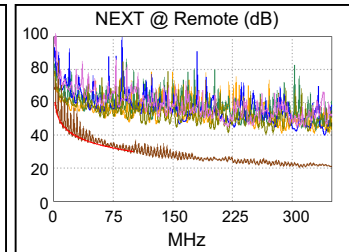
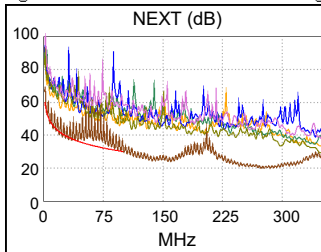
Length (m), Limit 100.0	[Pair 78]	25.5
Prop. Delay (ns), Limit 555	[Pair 45]	129
Delay Skew (ns), Limit 50	[Pair 36]	4
Resistance (ohms)	[Pair 45]	4.83
Insertion Loss Margin (dB)	[Pair 36]	18.5
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0

Patch Cable BAD or Patch Cable too short

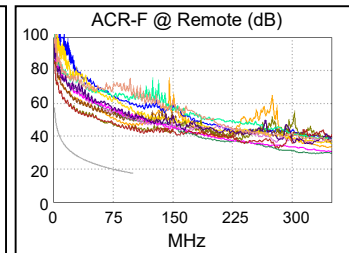
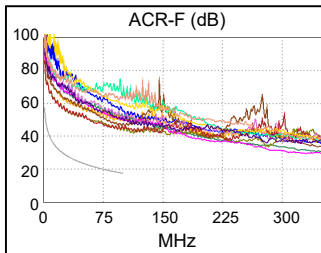


Worst Case Margin Worst Case Value

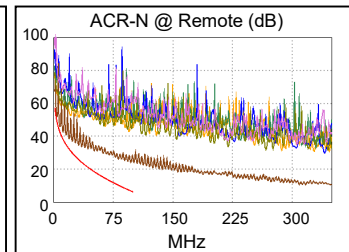
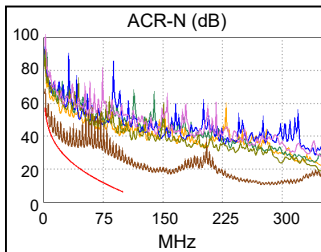
FAIL	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	-1.8F	-1.5F	0.1	-1.0
Freq. (MHz)	19.5	19.5	97.3	97.0
Limit (dB)	42.2	42.2	30.3	30.3
Worst Pair	36	36	36	36
PS NEXT (dB)	1.1	1.3	2.9	2.0
Freq. (MHz)	19.5	7.8	97.0	97.0
Limit (dB)	39.2	45.8	27.3	27.3



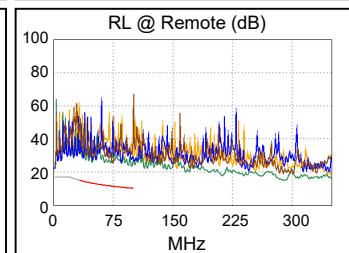
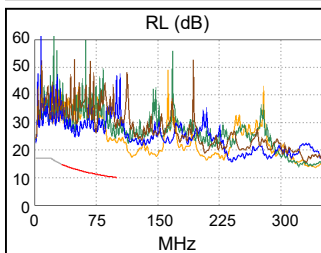
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	26.1	26.0	26.1	26.0
Freq. (MHz)	96.8	96.8	96.8	96.8
Limit (dB)	17.7	17.7	17.7	17.7
Worst Pair	36	36	36	36
PS ACR-F (dB)	27.5	26.9	27.8	27.0
Freq. (MHz)	92.5	97.0	96.8	97.3
Limit (dB)	15.1	14.7	14.7	14.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	2.4	2.6	18.5	17.3
Freq. (MHz)	3.9	3.9	97.3	97.0
Limit (dB)	49.4	49.4	6.6	6.7
Worst Pair	36	36	36	36
PS ACR-N (dB)	5.2	5.2	21.1	20.2
Freq. (MHz)	3.8	3.8	97.0	97.0
Limit (dB)	46.7	46.7	3.7	3.7



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	36	12	36
RL (dB)	11.8	12.6	12.6	13.3
Freq. (MHz)	49.3	48.3	100.0	98.3
Limit (dB)	13.1	13.2	10.0	10.1





Cable ID: SALA POLIVALENTE PTO 61

Date / Time: 08/22/2018 12:34:34 PM
Headroom -2.0 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

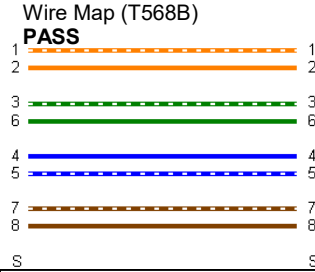
Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Test Summary: FAIL

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

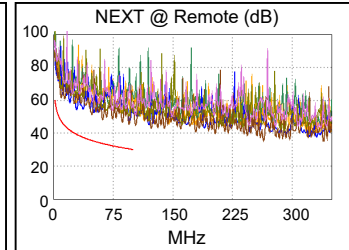
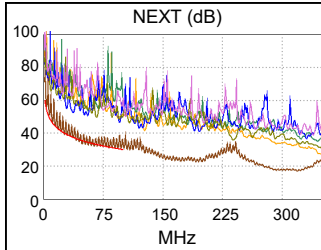
Length (m), Limit 100.0	[Pair 78]	26.5
Prop. Delay (ns), Limit 555	[Pair 45]	135
Delay Skew (ns), Limit 50	[Pair 45]	5
Resistance (ohms)	[Pair 45]	5.00
Insertion Loss Margin (dB)	[Pair 36]	18.3
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0

Patch Cable BAD or Patch Cable too short

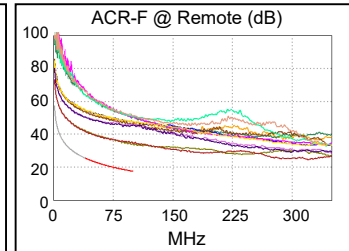
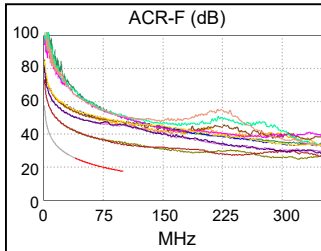


Worst Case Margin Worst Case Value

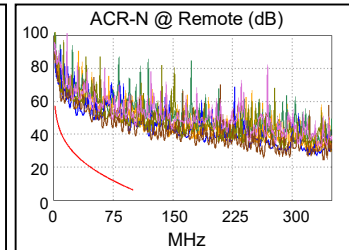
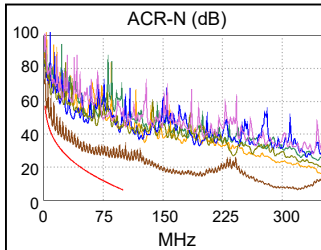
	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	-2.0F	14.3	0.0	15.0
Freq. (MHz)	48.5	9.4	89.8	94.8
Limit (dB)	35.5	47.5	30.9	30.5
Worst Pair	36	36	36	36
PS NEXT (dB)	1.0	16.2	3.0	16.8
Freq. (MHz)	48.5	9.6	89.8	95.0
Limit (dB)	32.5	44.3	27.9	27.5



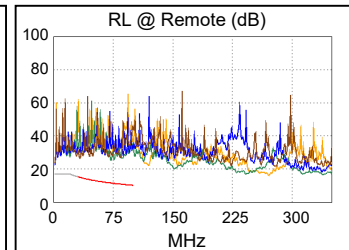
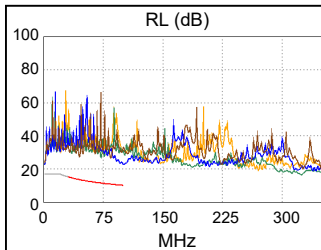
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	45-36	36-45
ACR-F (dB)	15.6	15.6	16.1	16.2
Freq. (MHz)	3.0	3.3	98.0	98.0
Limit (dB)	47.9	47.2	17.6	17.6
Worst Pair	36	36	36	45
PS ACR-F (dB)	17.6	17.5	18.6	19.0
Freq. (MHz)	3.0	3.0	98.3	98.0
Limit (dB)	44.9	44.9	14.6	14.6



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	5.7	19.6	19.0	33.0
Freq. (MHz)	3.6	9.4	97.5	95.0
Limit (dB)	50.0	40.6	6.6	7.1
Worst Pair	36	36	36	36
PS ACR-N (dB)	8.7	21.4	21.8	34.7
Freq. (MHz)	3.6	9.1	97.3	95.0
Limit (dB)	47.0	37.9	3.6	4.1



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45	78	45	36
RL (dB)	12.8	11.5	12.8	13.7
Freq. (MHz)	100.0	32.8	100.0	72.3
Limit (dB)	10.0	14.9	10.0	11.4





Cable ID: SALA POLIVALENTE PTO 62

Date / Time: 08/22/2018 12:39:48 PM
Headroom -0.5 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

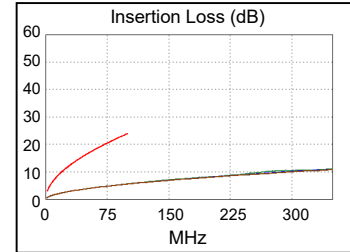
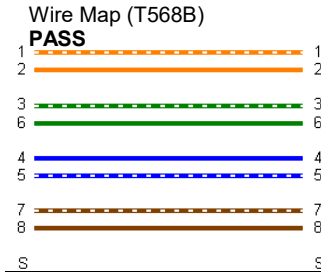
Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Test Summary: FAIL

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

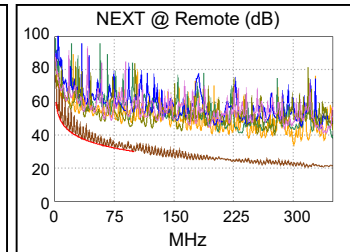
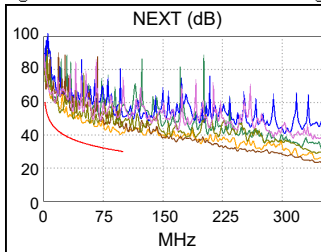
Length (m), Limit 100.0	[Pair 78]	26.5
Prop. Delay (ns), Limit 555	[Pair 45]	133
Delay Skew (ns), Limit 50	[Pair 36]	3
Resistance (ohms)	[Pair 45]	4.95
Insertion Loss Margin (dB)	[Pair 12]	18.4
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0

Patch Cable BAD or Patch Cable too short

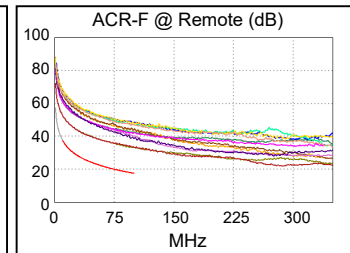
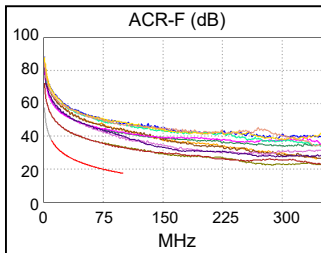


Worst Case Margin Worst Case Value

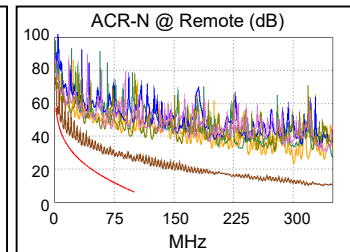
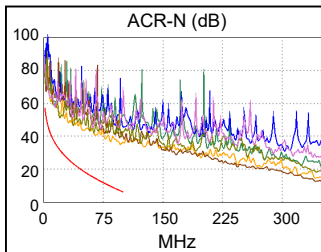
FAIL	MAIN	SR	MAIN	SR
Worst Pair	12-36	36-45	12-36	36-45
NEXT (dB)	10.2	-0.5F	10.2	0.2
Freq. (MHz)	96.8	34.0	96.8	98.0
Limit (dB)	30.3	38.1	30.3	30.2
Worst Pair	36	36	36	36
PS NEXT (dB)	11.3	2.4	11.3	3.0
Freq. (MHz)	97.0	34.0	97.0	97.8
Limit (dB)	27.3	35.1	27.3	27.2



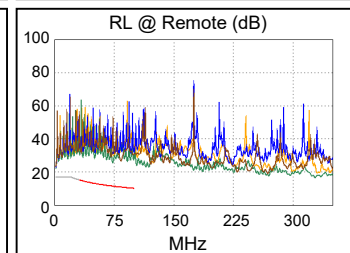
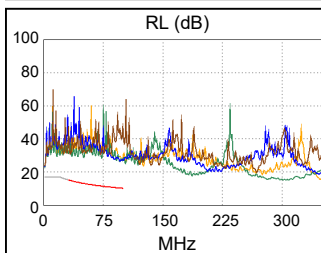
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	14.3	14.3	15.5	15.6
Freq. (MHz)	3.3	3.3	98.5	98.5
Limit (dB)	47.2	47.2	17.5	17.5
Worst Pair	36	45	36	36
PS ACR-F (dB)	16.6	16.6	17.4	17.5
Freq. (MHz)	3.0	3.3	98.5	100.0
Limit (dB)	44.9	44.2	14.5	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	12-36	36-45
ACR-N (dB)	15.8	3.9	28.3	18.4
Freq. (MHz)	2.8	3.8	96.8	98.0
Limit (dB)	52.5	49.7	6.7	6.5
Worst Pair	36	36	36	36
PS ACR-N (dB)	16.2	6.7	29.4	21.2
Freq. (MHz)	2.1	3.8	97.0	98.0
Limit (dB)	51.8	46.7	3.7	3.5



PASS	MAIN	SR	MAIN	SR
Worst Pair	36	36	36	36
RL (dB)	14.8	14.1	16.1	14.1
Freq. (MHz)	35.5	73.0	95.8	73.0
Limit (dB)	14.5	11.4	10.2	11.4





Cable ID: SALA POLIVALENTE PTO 60

Date / Time: 08/22/2018 12:47:52 PM
Headroom -2.6 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

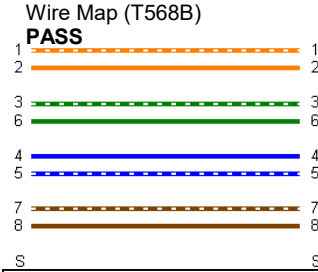
Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Test Summary: FAIL

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

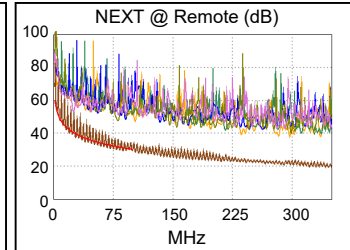
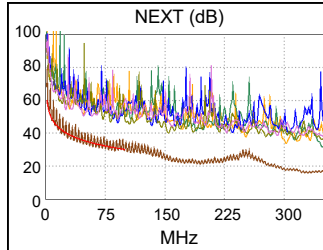
Length (m), Limit 100.0	[Pair 78]	25.3
Prop. Delay (ns), Limit 555	[Pair 45]	127
Delay Skew (ns), Limit 50	[Pair 36]	3
Resistance (ohms)	[Pair 45]	4.73
Insertion Loss Margin (dB)	[Pair 12]	18.7
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0

Patch Cable BAD or Patch Cable too short

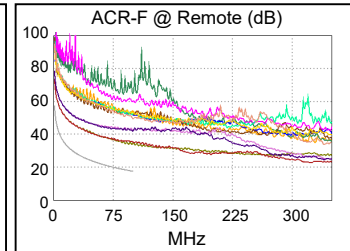
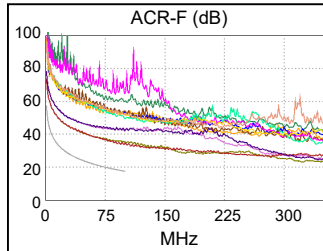


Worst Case Margin Worst Case Value

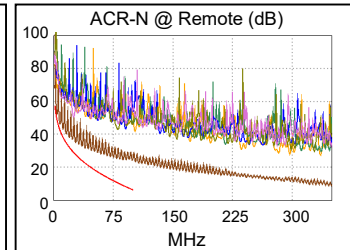
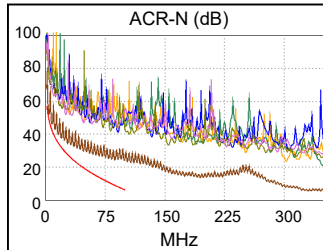
FAIL	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	-2.6F	-2.2F	-1.9	-1.8
Freq. (MHz)	27.6	39.5	87.0	87.3
Limit (dB)	39.6	37.0	31.1	31.1
Worst Pair	36	36	36	36
PS NEXT (dB)	0.4*	0.8	1.1	1.2
Freq. (MHz)	27.6	39.5	87.0	87.3
Limit (dB)	36.6	34.0	28.1	28.1



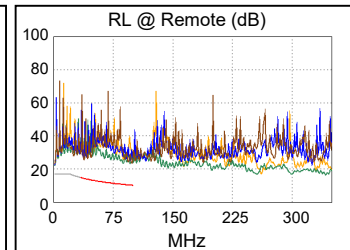
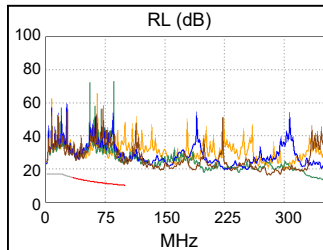
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	15.5	15.5	16.3	16.3
Freq. (MHz)	3.3	3.3	98.8	98.8
Limit (dB)	47.2	47.2	17.5	17.5
Worst Pair	36	36	36	45
PS ACR-F (dB)	17.3	17.5	18.7	19.2
Freq. (MHz)	3.3	3.4	98.8	98.8
Limit (dB)	44.2	43.8	14.5	14.5



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	3.1	3.3	17.8	17.9
Freq. (MHz)	3.8	4.0	99.0	99.0
Limit (dB)	49.7	49.1	6.3	6.3
Worst Pair	36	36	36	36
PS ACR-N (dB)	6.1	6.2	20.8	20.9
Freq. (MHz)	3.8	4.0	99.0	99.0
Limit (dB)	46.7	46.1	3.3	3.3



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	78	78	36
RL (dB)	10.9	11.4	12.6	13.0
Freq. (MHz)	38.3	38.3	98.8	96.0
Limit (dB)	14.2	14.2	10.1	10.2



* Measurement is within the accuracy limits of the instrument.



Cable ID: SALA POLIVALENTE PTO 63

Date / Time: 08/22/2018 12:50:38 PM
Headroom -1.4 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

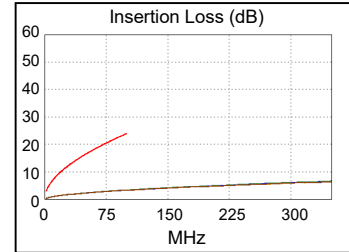
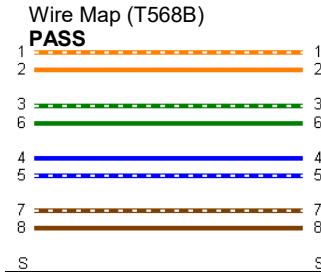
Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Test Summary: FAIL

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

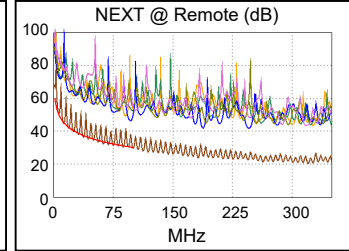
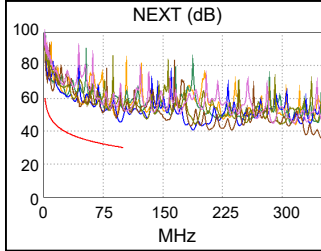
Length (m), Limit 100.0	[Pair 78]	15.9
Prop. Delay (ns), Limit 555	[Pair 45]	81
Delay Skew (ns), Limit 50	[Pair 45]	3
Resistance (ohms)	[Pair 45]	2.91
Insertion Loss Margin (dB)	[Pair 36]	20.6
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0

Patch Cable BAD or Patch Cable too short

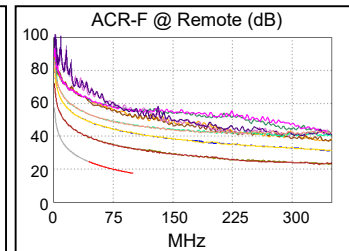
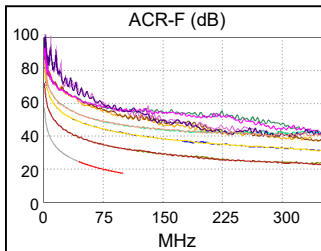


Worst Case Margin Worst Case Value

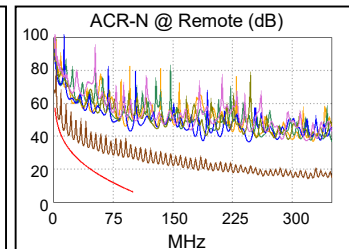
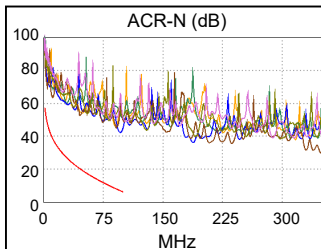
	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	12-78	36-45	12-78	36-45
NEXT (dB)	15.1	-1.4F	15.2	-0.5
Freq. (MHz)	96.3	62.5	96.8	100.0
Limit (dB)	30.4	33.6	30.3	30.1
Worst Pair	12	36	12	36
PS NEXT (dB)	17.5	1.6	17.5	2.5
Freq. (MHz)	96.8	62.5	96.8	100.0
Limit (dB)	27.3	30.6	27.3	27.1



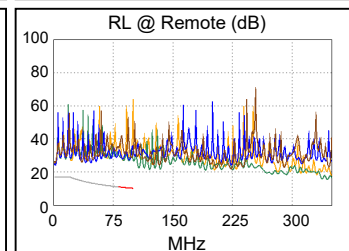
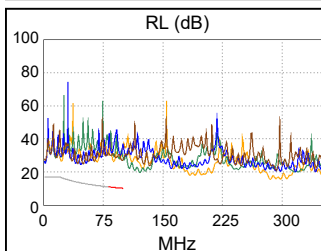
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	45-36	45-36
ACR-F (dB)	14.3	14.3	15.0	15.0
Freq. (MHz)	4.9	4.6	100.0	100.0
Limit (dB)	43.6	44.1	17.4	17.4
Worst Pair	45	45	36	36
PS ACR-F (dB)	17.2	17.1	17.9	17.9
Freq. (MHz)	4.8	4.6	99.8	100.0
Limit (dB)	40.9	41.1	14.4	14.4



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	36-45	12-78	36-45
ACR-N (dB)	22.2	5.4	35.6	20.2
Freq. (MHz)	4.4	6.0	96.8	100.0
Limit (dB)	48.2	45.2	6.7	6.1
Worst Pair	36	36	12	36
PS ACR-N (dB)	24.8	8.4	37.9	23.1
Freq. (MHz)	4.4	6.3	96.8	100.0
Limit (dB)	45.2	41.8	3.7	3.1



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	36	12	36
RL (dB)	15.7	16.2	15.7	16.5
Freq. (MHz)	88.3	88.0	88.3	94.5
Limit (dB)	10.6	10.6	10.6	10.3





Cable ID: SALA POLIVALENTE PTO 64

Date / Time: 08/22/2018 12:59:33 PM
Headroom -1.4 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

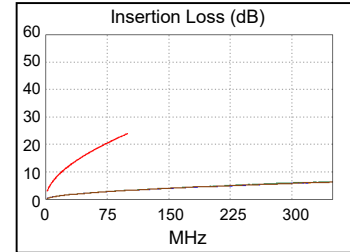
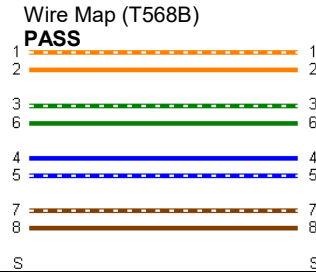
Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Test Summary: FAIL

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

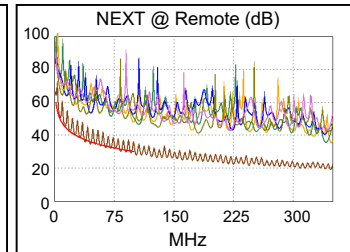
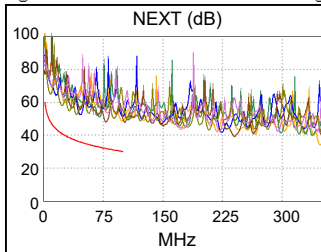
Length (m), Limit 100.0	[Pair 12]	15.7
Prop. Delay (ns), Limit 555	[Pair 45]	79
Delay Skew (ns), Limit 50	[Pair 45]	2
Resistance (ohms)	[Pair 45]	2.84
Insertion Loss Margin (dB)	[Pair 12]	20.8
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0

Patch Cable BAD or Patch Cable too short

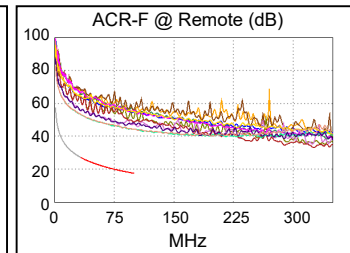
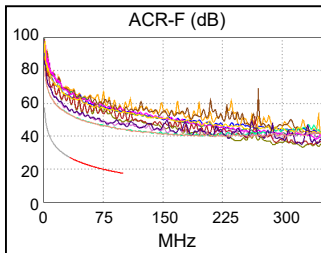


Worst Case Margin Worst Case Value

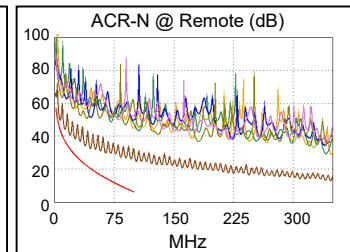
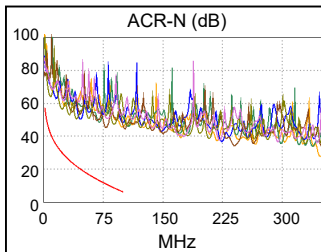
	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	36-78	36-45	36-45	36-45
NEXT (dB)	15.9	-1.4F	16.1	-1.1
Freq. (MHz)	41.3	83.3	78.5	96.3
Limit (dB)	36.7	31.5	31.9	30.4
Worst Pair	45	36	36	36
PS NEXT (dB)	17.8	1.6	18.7	1.9
Freq. (MHz)	78.8	83.3	100.0	96.3
Limit (dB)	28.9	28.5	27.1	27.4



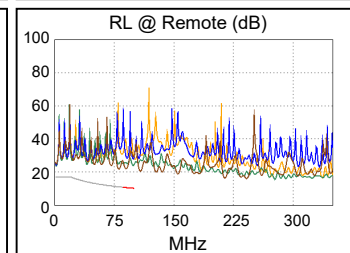
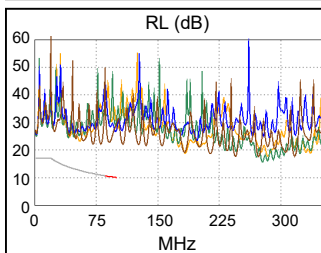
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-78	45-78	45-78	45-78
ACR-F (dB)	25.4	25.4	26.8	26.8
Freq. (MHz)	6.9	8.6	100.0	100.0
Limit (dB)	40.7	38.7	17.4	17.4
Worst Pair	78	78	78	78
PS ACR-F (dB)	26.3	26.0	28.1	27.5
Freq. (MHz)	1.1	1.1	100.0	98.3
Limit (dB)	53.4	53.4	14.4	14.6



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	19.9	5.7	34.4	19.4
Freq. (MHz)	1.6	6.4	78.5	96.5
Limit (dB)	56.9	44.6	10.8	6.8
Worst Pair	45	36	36	36
PS ACR-N (dB)	22.3	8.6	39.5	22.3
Freq. (MHz)	1.6	6.4	100.0	96.3
Limit (dB)	53.9	41.6	3.1	3.8



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	78	78	78	78
RL (dB)	12.4	11.3	12.4	11.3
Freq. (MHz)	91.3	89.8	91.3	89.8
Limit (dB)	10.4	10.5	10.4	10.5





Cable ID: SALA POLIVALENTE PTO 66

Date / Time: 08/22/2018 01:03:01 PM
Headroom -2.7 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

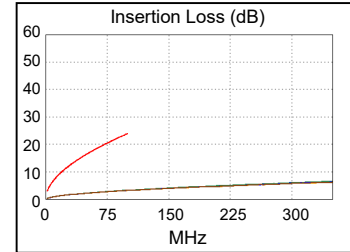
Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Test Summary: FAIL

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

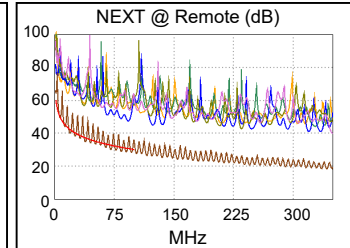
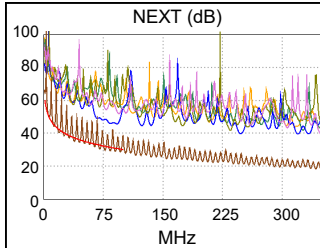
Length (m), Limit 100.0	[Pair 78]	15.5
Prop. Delay (ns), Limit 555	[Pair 45]	78
Delay Skew (ns), Limit 50	[Pair 36]	2
Resistance (ohms)	[Pair 45]	2.84
Insertion Loss Margin (dB)	[Pair 36]	20.7
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0

Patch Cable BAD or Patch Cable too short

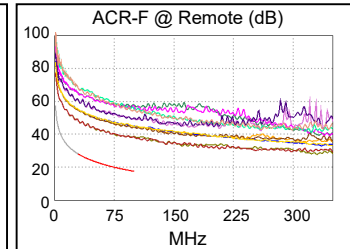
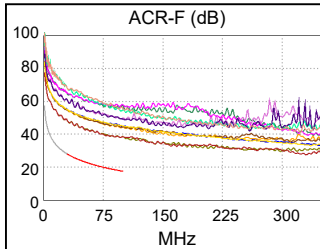


Worst Case Margin Worst Case Value

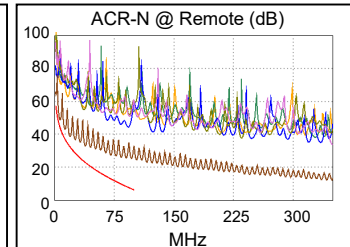
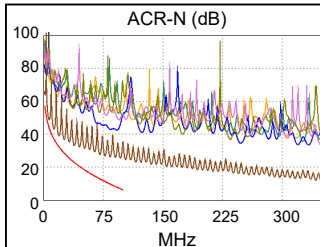
FAIL	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	-2.3F	-2.7F	-1.7	-1.9
Freq. (MHz)	77.3	70.8	96.8	96.8
Limit (dB)	32.0	32.7	30.3	30.3
Worst Pair	36	36	36	36
PS NEXT (dB)	0.7	0.3*	1.3	1.1
Freq. (MHz)	77.3	70.8	96.8	96.8
Limit (dB)	29.0	29.7	27.3	27.3



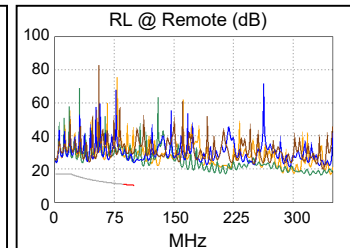
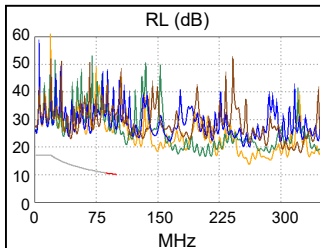
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	19.4	19.4	20.3	20.2
Freq. (MHz)	5.4	5.5	96.3	96.3
Limit (dB)	42.8	42.6	17.7	17.7
Worst Pair	36	36	36	36
PS ACR-F (dB)	21.3	21.3	22.3	22.0
Freq. (MHz)	5.5	5.4	97.8	96.8
Limit (dB)	39.6	39.8	14.6	14.7



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	4.6	4.4	18.8	18.6
Freq. (MHz)	6.4	6.3	96.8	96.8
Limit (dB)	44.6	44.8	6.7	6.7
Worst Pair	36	36	36	36
PS ACR-N (dB)	7.6	7.4	21.7	21.5
Freq. (MHz)	6.4	6.3	96.8	96.8
Limit (dB)	41.6	41.8	3.7	3.7



PASS	MAIN	SR	MAIN	SR
Worst Pair	36	45	36	45
RL (dB)	14.7	13.8	14.7	13.8
Freq. (MHz)	98.5	100.0	98.5	100.0
Limit (dB)	10.1	10.0	10.1	10.0



* Measurement is within the accuracy limits of the instrument.



Cable ID: SALA POLIVALENTE PTO 65

Date / Time: 08/22/2018 01:12:53 PM
Headroom -2.4 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

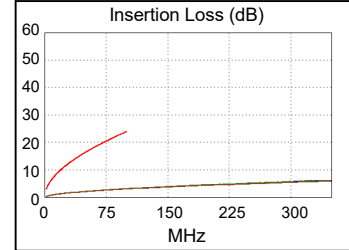
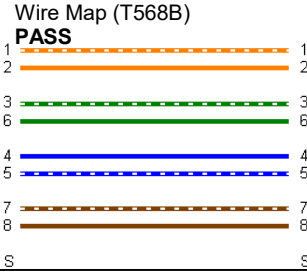
Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Test Summary: FAIL

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

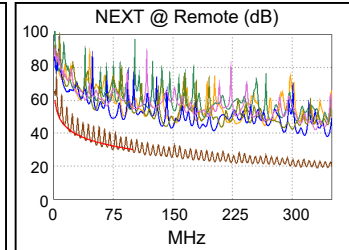
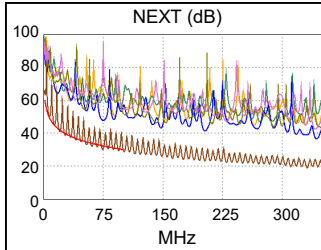
Length (m), Limit 100.0	[Pair 78]	14.7
Prop. Delay (ns), Limit 555	[Pair 45]	75
Delay Skew (ns), Limit 50	[Pair 45]	3
Resistance (ohms)	[Pair 45]	2.69
Insertion Loss Margin (dB)	[Pair 36]	20.9
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0

Patch Cable BAD or Patch Cable too short

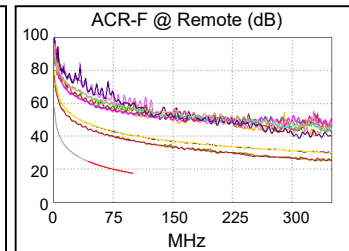
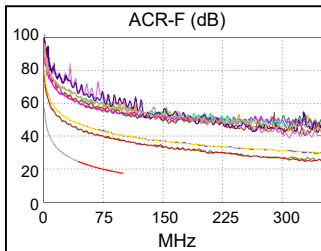


Worst Case Margin Worst Case Value

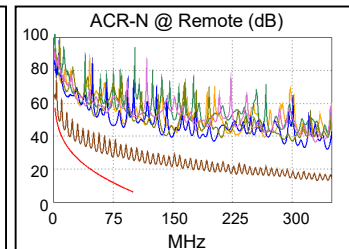
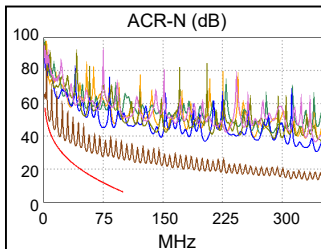
	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	-2.2F	-2.4F	-1.1	-1.6
Freq. (MHz)	74.3	74.3	94.5	94.5
Limit (dB)	32.3	32.3	30.5	30.5
Worst Pair	36	36	36	36
PS NEXT (dB)	0.8	0.6	1.9	1.4
Freq. (MHz)	74.3	74.3	94.5	94.5
Limit (dB)	29.3	29.3	27.5	27.5



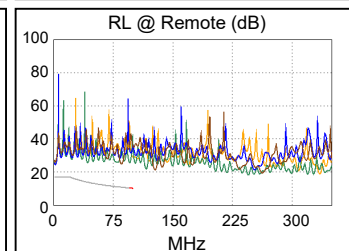
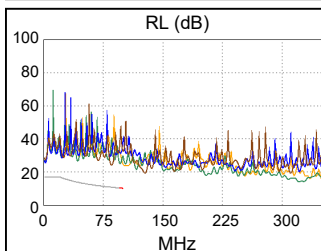
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	36-45	45-36
ACR-F (dB)	18.5	18.5	19.7	19.6
Freq. (MHz)	2.1	2.1	97.8	97.8
Limit (dB)	50.9	50.9	17.6	17.6
Worst Pair	36	45	45	36
PS ACR-F (dB)	21.4	21.4	22.5	22.5
Freq. (MHz)	2.1	2.3	97.8	97.8
Limit (dB)	47.9	47.4	14.6	14.6



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	5.6	5.6	19.2	18.7
Freq. (MHz)	6.6	6.8	94.5	94.5
Limit (dB)	44.2	44.0	7.2	7.2
Worst Pair	36	36	36	36
PS ACR-N (dB)	8.6	8.6	22.2	21.7
Freq. (MHz)	6.6	6.8	94.5	94.5
Limit (dB)	41.2	41.0	4.2	4.2



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	36	12	36
RL (dB)	14.5	15.4	14.5	15.4
Freq. (MHz)	100.0	95.8	100.0	95.8
Limit (dB)	10.0	10.2	10.0	10.2





Cable ID: SALA POLIVALENTE PTO 37

Date / Time: 08/22/2018 01:15:27 PM
Headroom -1.5 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

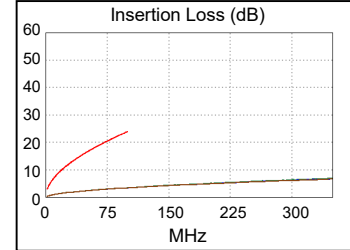
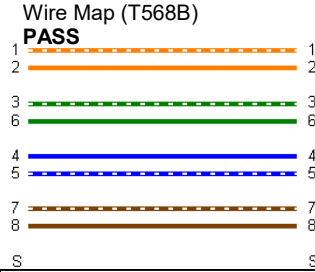
Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Test Summary: FAIL

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

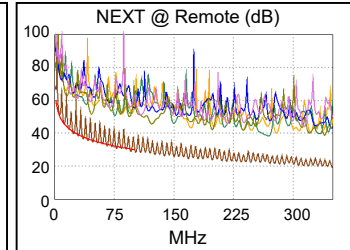
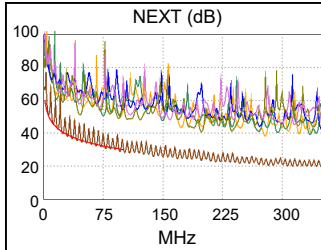
Length (m), Limit 100.0	[Pair 78]	16.7
Prop. Delay (ns), Limit 555	[Pair 45]	84
Delay Skew (ns), Limit 50	[Pair 36]	2
Resistance (ohms)	[Pair 45]	3.04
Insertion Loss Margin (dB)	[Pair 36]	20.5
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0

Patch Cable BAD or Patch Cable too short

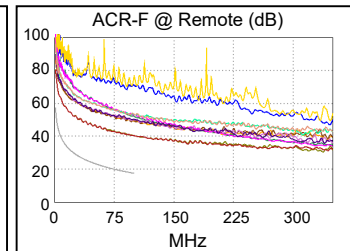
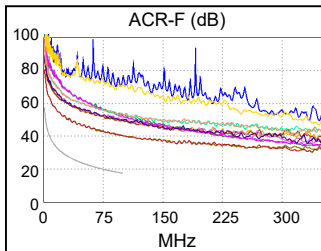


Worst Case Margin Worst Case Value

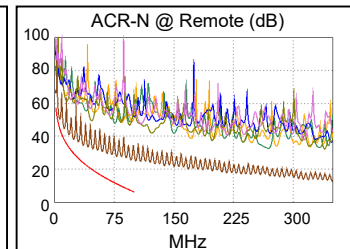
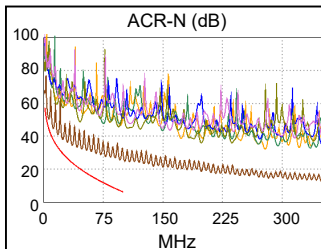
FAIL	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	-1.5F	-1.5F	-1.5	-1.5
Freq. (MHz)	96.0	96.0	96.0	96.0
Limit (dB)	30.4	30.4	30.4	30.4
Worst Pair	36	36	36	36
PS NEXT (dB)	1.5	1.5	1.5	1.5
Freq. (MHz)	96.0	96.0	96.0	96.0
Limit (dB)	27.4	27.4	27.4	27.4



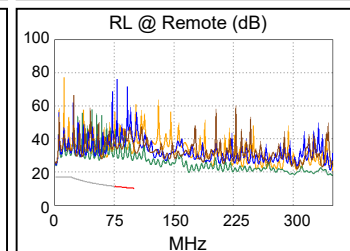
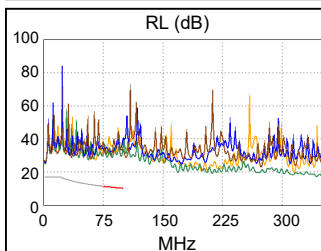
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	45-36	36-45
ACR-F (dB)	22.2	22.2	22.8	22.9
Freq. (MHz)	41.8	36.0	100.0	100.0
Limit (dB)	25.0	26.3	17.4	17.4
Worst Pair	36	36	36	36
PS ACR-F (dB)	24.3	24.3	24.9	25.1
Freq. (MHz)	36.0	5.1	100.0	100.0
Limit (dB)	23.3	40.2	14.4	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	5.4	5.4	18.6	18.6
Freq. (MHz)	5.9	6.0	96.0	96.0
Limit (dB)	45.4	45.2	6.9	6.9
Worst Pair	36	36	36	36
PS ACR-N (dB)	8.4	8.4	21.6	21.6
Freq. (MHz)	5.9	6.0	96.0	96.0
Limit (dB)	42.4	42.2	3.9	3.9



PASS	MAIN	SR	MAIN	SR
Worst Pair	36	36	36	36
RL (dB)	17.8	16.9	18.0	16.9
Freq. (MHz)	79.8	98.0	86.3	98.0
Limit (dB)	11.0	10.1	10.7	10.1





Cable ID: SALA POLIVALENTE PTO 38

Date / Time: 08/22/2018 01:17:30 PM
Headroom -1.6 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

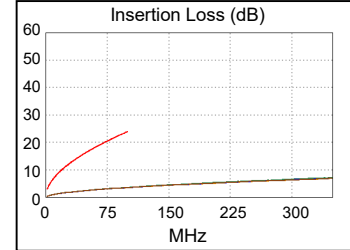
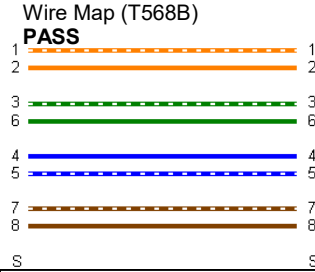
Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Test Summary: FAIL

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

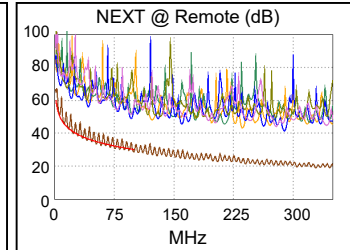
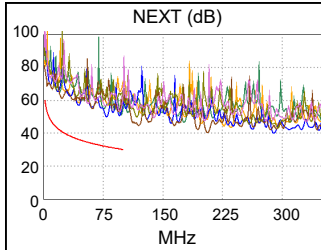
Length (m), Limit 100.0	[Pair 78]	16.9
Prop. Delay (ns), Limit 555	[Pair 45]	86
Delay Skew (ns), Limit 50	[Pair 36]	3
Resistance (ohms)	[Pair 45]	3.12
Insertion Loss Margin (dB)	[Pair 36]	20.4
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0

Patch Cable BAD or Patch Cable too short

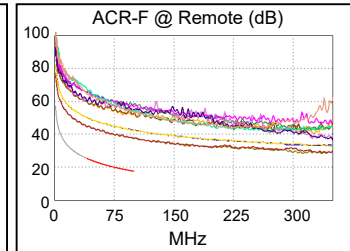
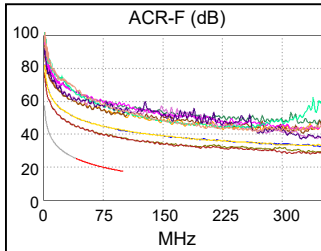


Worst Case Margin Worst Case Value

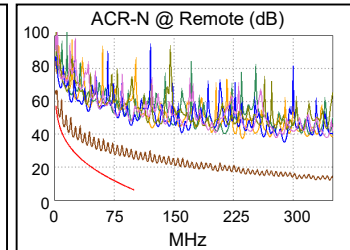
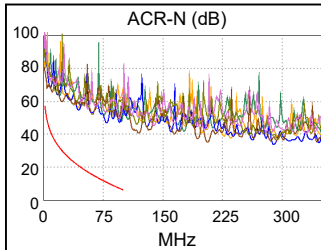
	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	36-45	36-45	12-78	36-45
NEXT (dB)	16.3	-1.6F	18.2	-1.6
Freq. (MHz)	4.6	99.5	79.3	99.5
Limit (dB)	52.5	30.1	31.8	30.1
Worst Pair	45	36	12	36
PS NEXT (dB)	18.9	1.4	21.0	1.4
Freq. (MHz)	4.6	99.5	96.5	99.5
Limit (dB)	49.5	27.1	27.3	27.1



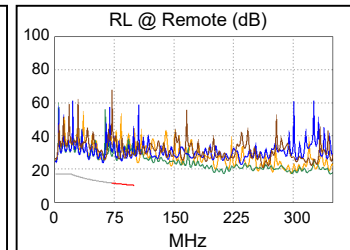
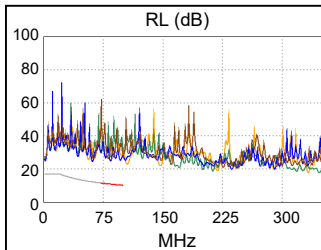
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	19.0	19.0	19.8	19.9
Freq. (MHz)	4.8	4.8	99.8	99.8
Limit (dB)	43.9	43.9	17.4	17.4
Worst Pair	36	36	36	45
PS ACR-F (dB)	21.8	21.9	22.6	22.8
Freq. (MHz)	4.8	4.4	99.8	99.8
Limit (dB)	40.9	41.6	14.4	14.4



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	36-45	12-78	36-45
ACR-N (dB)	20.3	5.1	36.3	18.8
Freq. (MHz)	4.5	5.6	79.5	99.5
Limit (dB)	48.0	45.8	10.6	6.2
Worst Pair	36	36	12	36
PS ACR-N (dB)	22.3	8.1	41.2	21.7
Freq. (MHz)	1.6	5.6	96.8	99.5
Limit (dB)	53.9	42.8	3.7	3.2



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45	36	45	45
RL (dB)	14.0	14.1	14.0	14.1
Freq. (MHz)	84.3	78.3	84.3	84.3
Limit (dB)	10.8	11.1	10.8	10.8





Cable ID: SALA POLIVALENTE PTO 68

Date / Time: 08/22/2018 01:22:04 PM
Headroom -0.7 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

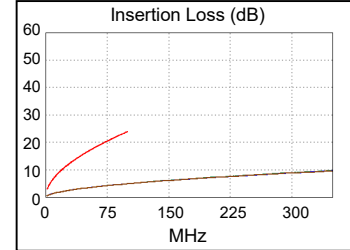
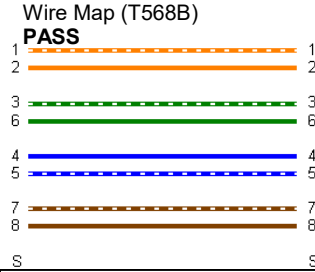
Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Test Summary: FAIL

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

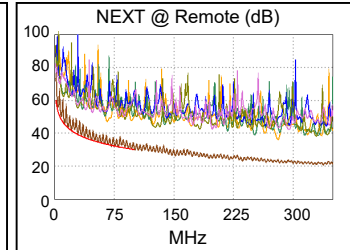
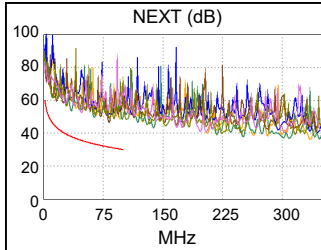
Length (m), Limit 100.0	[Pair 78]	23.9
Prop. Delay (ns), Limit 555	[Pair 45]	120
Delay Skew (ns), Limit 50	[Pair 45]	3
Resistance (ohms)	[Pair 45]	4.39
Insertion Loss Margin (dB)	[Pair 12]	19.0
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0

Patch Cable BAD or Patch Cable too short

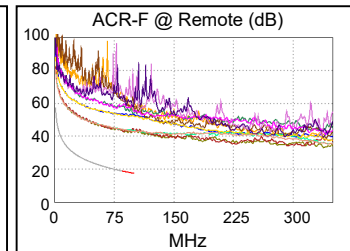
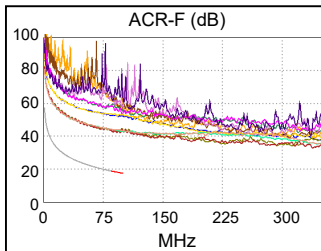


Worst Case Margin Worst Case Value

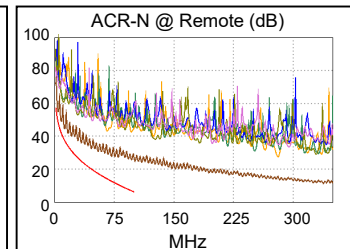
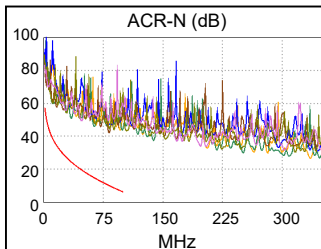
FAIL	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	15.1	-0.7F	15.1	0.4
Freq. (MHz)	82.5	71.5	82.5	96.8
Limit (dB)	31.5	32.6	31.5	30.3
Worst Pair	45	36	36	36
PS NEXT (dB)	15.4	2.2	15.7	3.3
Freq. (MHz)	10.9	71.5	82.0	96.8
Limit (dB)	43.4	29.6	28.6	27.3



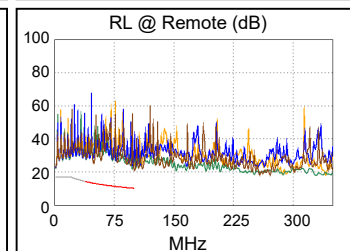
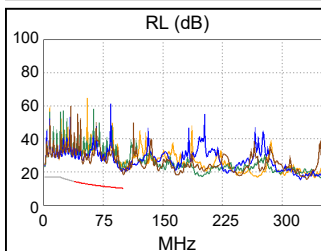
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	23.5	23.5	24.4	24.4
Freq. (MHz)	21.0	21.0	96.3	96.3
Limit (dB)	31.0	31.0	17.7	17.7
Worst Pair	45	45	45	45
PS ACR-F (dB)	23.7	23.5	25.1	24.8
Freq. (MHz)	33.3	3.5	96.0	96.8
Limit (dB)	24.0	43.5	14.8	14.7



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	20.7	6.2	32.2	19.1
Freq. (MHz)	2.5	4.0	82.5	96.8
Limit (dB)	53.4	49.1	9.9	6.7
Worst Pair	45	45	36	36
PS ACR-N (dB)	21.3	9.1	32.8	22.0
Freq. (MHz)	10.9	4.0	82.0	96.8
Limit (dB)	36.0	46.1	7.0	3.7



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	78	78	78
RL (dB)	8.6	11.2	8.6	11.2
Freq. (MHz)	100.0	100.0	100.0	100.0
Limit (dB)	10.0	10.0	10.0	10.0





Cable ID: SALA POLIVALENTE PTO 69

Date / Time: 08/22/2018 01:28:40 PM
Headroom -1.6 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

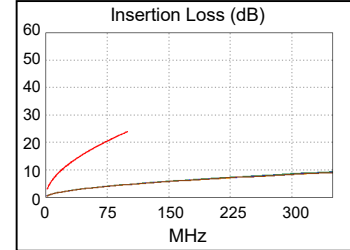
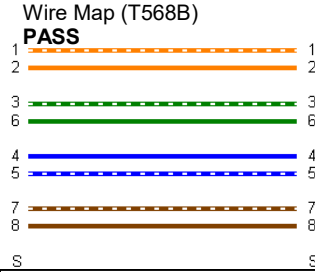
Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Test Summary: FAIL

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

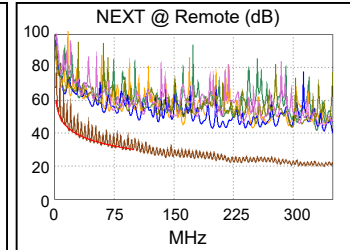
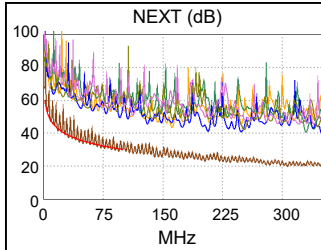
Length (m), Limit 100.0	[Pair 78]	22.0
Prop. Delay (ns), Limit 555	[Pair 45]	112
Delay Skew (ns), Limit 50	[Pair 45]	4
Resistance (ohms)	[Pair 45]	4.09
Insertion Loss Margin (dB)	[Pair 36]	19.3
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0

Patch Cable BAD or Patch Cable too short

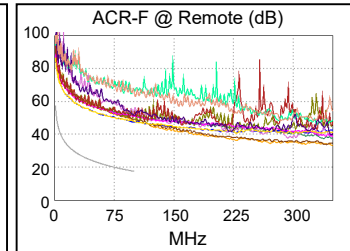
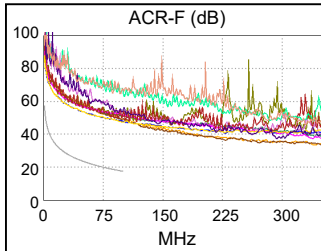


Worst Case Margin Worst Case Value

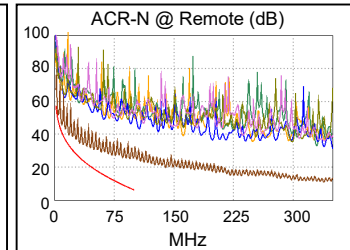
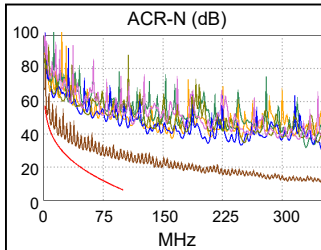
	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	-1.6F	-1.5F	-1.5	-0.9
Freq. (MHz)	71.8	31.3	94.5	94.8
Limit (dB)	32.6	38.7	30.5	30.5
Worst Pair	36	36	36	36
PS NEXT (dB)	1.4	1.5	1.5	2.1
Freq. (MHz)	71.8	31.3	94.5	94.8
Limit (dB)	29.6	35.7	27.5	27.5



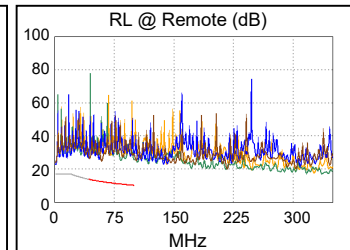
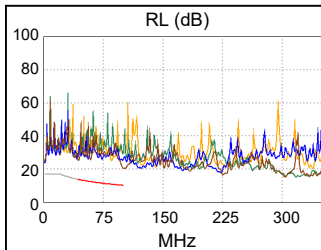
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-78	12-78	78-12	12-78
ACR-F (dB)	29.6	29.6	30.0	30.0
Freq. (MHz)	24.5	24.6	100.0	100.0
Limit (dB)	29.6	29.6	17.4	17.4
Worst Pair	12	12	12	12
PS ACR-F (dB)	29.6	29.4	29.6	30.0
Freq. (MHz)	98.3	1.1	98.3	100.0
Limit (dB)	14.6	53.4	14.6	14.4



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	4.1	4.0	17.3	17.9
Freq. (MHz)	4.5	4.3	94.5	94.8
Limit (dB)	48.0	48.5	7.2	7.2
Worst Pair	36	36	36	36
PS ACR-N (dB)	7.1	7.0	20.2	20.8
Freq. (MHz)	4.5	4.3	94.5	94.8
Limit (dB)	45.0	45.5	4.2	4.2



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	78	78	78	78
RL (dB)	10.5	12.4	10.5	12.4
Freq. (MHz)	100.0	59.0	100.0	59.0
Limit (dB)	10.0	12.3	10.0	12.3





Cable ID: SALA POLIVALENTE PTO 70

Date / Time: 08/22/2018 01:32:50 PM
Headroom -1.0 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

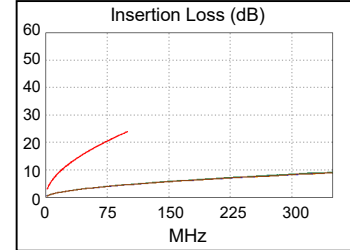
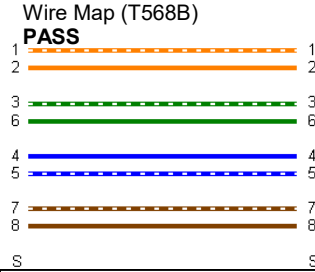
Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Test Summary: FAIL

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

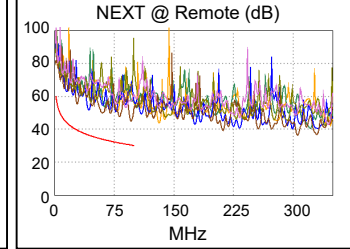
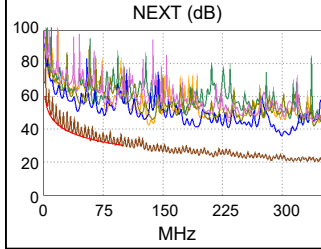
Length (m), Limit 100.0	[Pair 12]	22.0
Prop. Delay (ns), Limit 555	[Pair 45]	111
Delay Skew (ns), Limit 50	[Pair 45]	3
Resistance (ohms)	[Pair 45]	4.08
Insertion Loss Margin (dB)	[Pair 36]	19.3
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0

Patch Cable BAD or Patch Cable too short

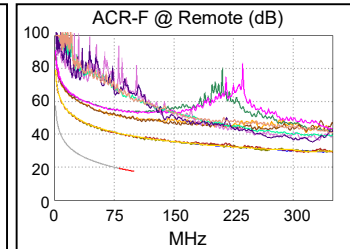
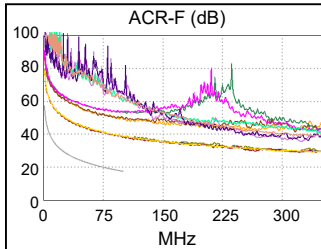


Worst Case Margin Worst Case Value

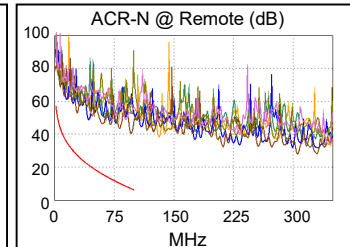
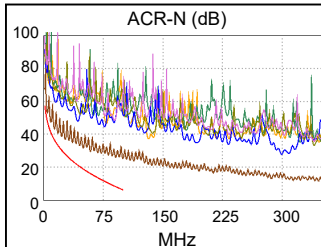
	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	-1.0F	14.6	-0.3	14.6
Freq. (MHz)	58.8	96.3	99.8	96.3
Limit (dB)	34.0	30.4	30.1	30.4
Worst Pair	36	45	36	45
PS NEXT (dB)	2.0	17.1	2.7	17.1
Freq. (MHz)	58.8	96.3	99.8	96.3
Limit (dB)	31.0	27.4	27.1	27.4



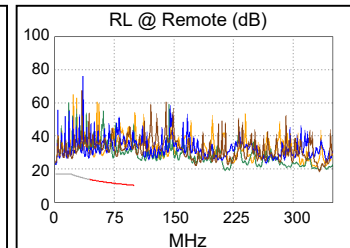
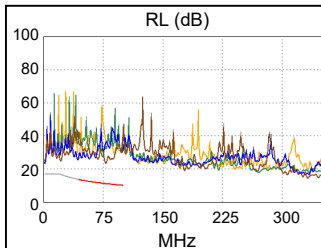
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	45-36	45-36	36-45
ACR-F (dB)	20.2	20.2	20.8	20.8
Freq. (MHz)	3.8	3.8	99.8	99.5
Limit (dB)	45.9	45.9	17.4	17.4
Worst Pair	36	36	36	45
PS ACR-F (dB)	23.0	22.8	23.5	23.7
Freq. (MHz)	59.8	3.8	99.8	99.5
Limit (dB)	18.9	42.9	14.4	14.4



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	5.3	23.0	19.1	33.7
Freq. (MHz)	4.5	1.4	99.8	96.3
Limit (dB)	48.0	57.0	6.1	6.8
Worst Pair	36	36	36	45
PS ACR-N (dB)	8.3	25.1	22.0	36.2
Freq. (MHz)	4.5	1.5	99.8	96.3
Limit (dB)	45.0	54.0	3.1	3.8



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	78	12	78	36
RL (dB)	12.3	14.1	12.3	15.4
Freq. (MHz)	78.0	49.5	78.0	73.8
Limit (dB)	11.1	13.1	11.1	11.3





Cable ID: SALA POLIVALENTE PTO 71

Date / Time: 08/22/2018 01:34:36 PM
Headroom -1.2 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

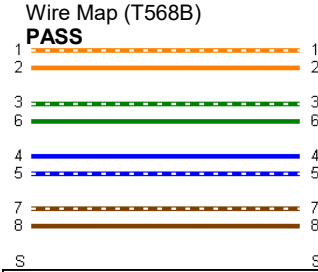
Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Test Summary: FAIL

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

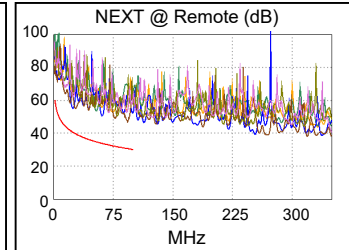
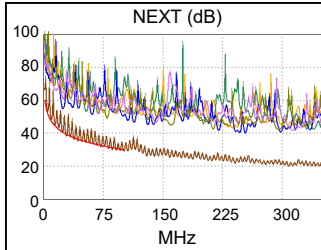
Length (m), Limit 100.0	[Pair 78]	20.8
Prop. Delay (ns), Limit 555	[Pair 45]	105
Delay Skew (ns), Limit 50	[Pair 45]	3
Resistance (ohms)	[Pair 45]	3.83
Insertion Loss Margin (dB)	[Pair 36]	19.6
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0

Patch Cable BAD or Patch Cable too short

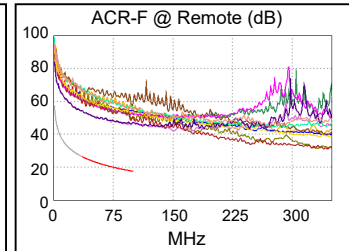
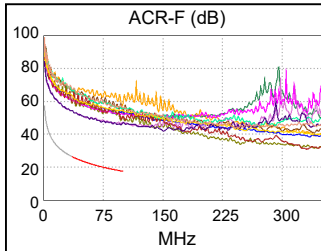


Worst Case Margin Worst Case Value

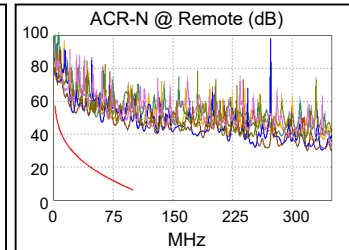
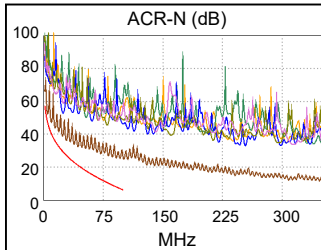
	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	36-45	12-78	36-45	36-45
NEXT (dB)	-1.2F	14.6	-0.8	16.4
Freq. (MHz)	43.0	24.3	96.0	93.0
Limit (dB)	36.4	40.6	30.4	30.6
Worst Pair	36	78	36	36
PS NEXT (dB)	1.8	16.7	2.2	18.6
Freq. (MHz)	43.0	24.5	96.0	93.0
Limit (dB)	33.4	37.5	27.4	27.6



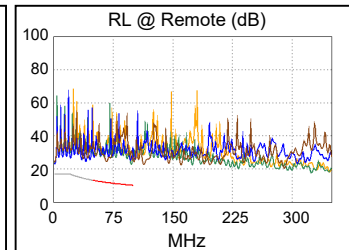
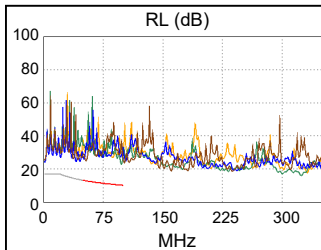
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	78-36	36-78	78-36	36-78
ACR-F (dB)	26.9	26.9	28.1	28.2
Freq. (MHz)	8.8	8.8	97.3	97.3
Limit (dB)	38.6	38.6	17.6	17.6
Worst Pair	36	78	36	36
PS ACR-F (dB)	27.9	28.4	29.4	29.5
Freq. (MHz)	1.5	1.5	97.8	97.3
Limit (dB)	50.9	50.9	14.6	14.6



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	5.5	19.9	18.5	35.3
Freq. (MHz)	4.9	1.6	96.0	93.0
Limit (dB)	47.2	56.9	6.9	7.5
Worst Pair	36	36	36	36
PS ACR-N (dB)	8.4	21.9	21.4	37.5
Freq. (MHz)	4.8	1.6	96.0	93.0
Limit (dB)	44.5	53.9	3.9	4.5



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	78	36	36	36
RL (dB)	12.2	12.7	12.8	12.7
Freq. (MHz)	53.3	97.8	98.0	97.8
Limit (dB)	12.7	10.1	10.1	10.1





Cable ID: SALA POLIVALENTE PTO 73

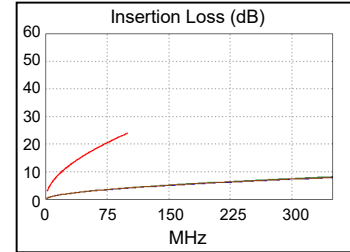
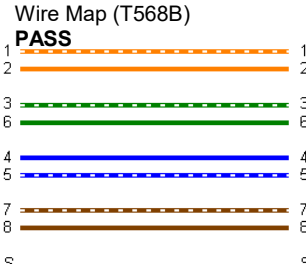
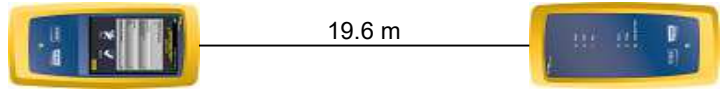
Test Summary: PASS

Date / Time: 08/22/2018 01:37:10 PM
Headroom 14.4 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

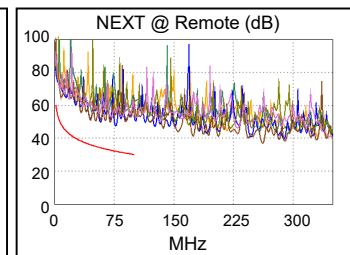
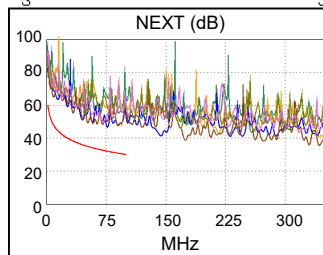
Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

Length (m), Limit 100.0	[Pair 12]	19.6
Prop. Delay (ns), Limit 555	[Pair 45]	99
Delay Skew (ns), Limit 50	[Pair 45]	3
Resistance (ohms)	[Pair 36]	3.58
Insertion Loss Margin (dB)	[Pair 36]	19.9
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0

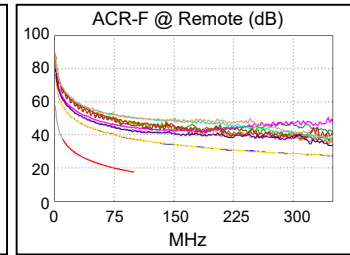
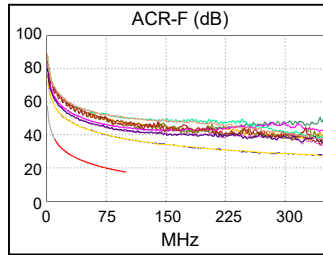


Worst Case Margin Worst Case Value

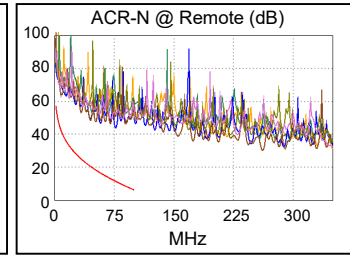
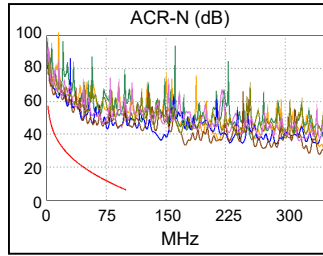
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	12-78	12-78
NEXT (dB)	14.4	15.0	14.7	15.4
Freq. (MHz)	51.8	45.0	76.5	76.8
Limit (dB)	35.0	36.0	32.1	32.1
Worst Pair	45	45	78	78
PS NEXT (dB)	16.4	17.1	16.7	17.5
Freq. (MHz)	70.8	45.3	76.5	76.8
Limit (dB)	29.7	33.0	29.1	29.1



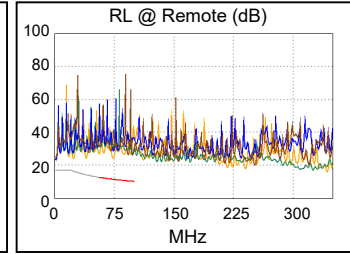
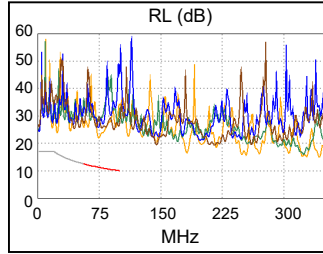
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	78-12	12-78	12-78
ACR-F (dB)	19.4	19.4	20.0	20.0
Freq. (MHz)	2.8	2.8	100.0	100.0
Limit (dB)	48.6	48.6	17.4	17.4
Worst Pair	78	78	78	78
PS ACR-F (dB)	20.8	20.7	21.6	21.7
Freq. (MHz)	3.4	1.3	100.0	100.0
Limit (dB)	43.8	52.5	14.4	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-78	36-45	12-78	12-78
ACR-N (dB)	21.4	21.7	31.9	32.6
Freq. (MHz)	1.8	7.8	76.5	76.8
Limit (dB)	56.4	42.6	11.3	11.3
Worst Pair	78	12	78	78
PS ACR-N (dB)	22.2	22.7	33.9	34.7
Freq. (MHz)	1.8	2.1	76.5	76.8
Limit (dB)	53.4	51.8	8.3	8.3



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	12	12	12
RL (dB)	10.7	12.7	10.7	12.8
Freq. (MHz)	74.5	73.3	74.5	73.5
Limit (dB)	11.3	11.4	11.3	11.3



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive



Cable ID: SALA POLIVALENTE PTO 72

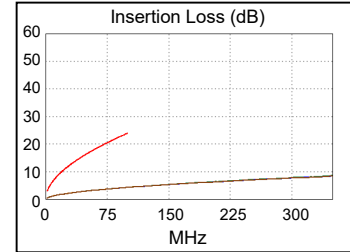
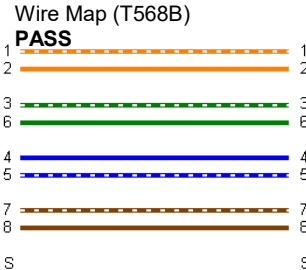
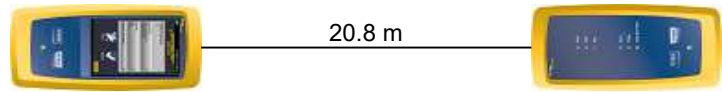
Test Summary: PASS

Date / Time: 08/22/2018 01:41:18 PM
Headroom 14.8 dB (NEXT 36-78)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

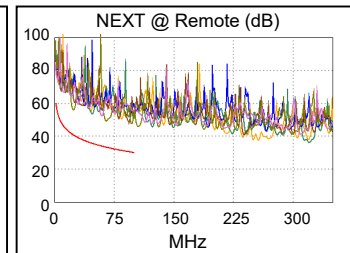
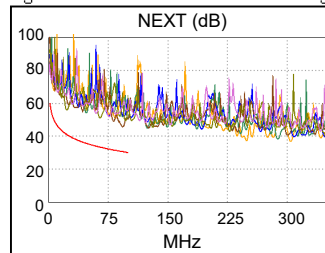
Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

Length (m), Limit 100.0	[Pair 12]	20.8
Prop. Delay (ns), Limit 555	[Pair 45]	104
Delay Skew (ns), Limit 50	[Pair 36]	2
Resistance (ohms)	[Pair 45]	3.81
Insertion Loss Margin (dB)	[Pair 12]	19.7
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0

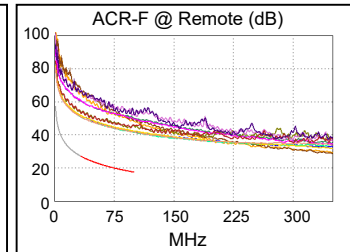
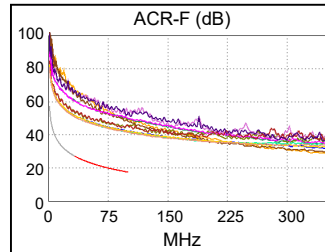


Worst Case Margin Worst Case Value

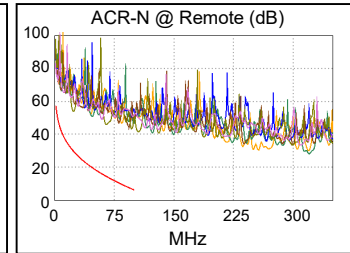
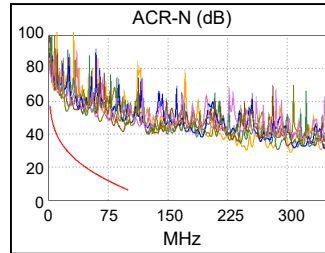
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-45	36-78
NEXT (dB)	14.8	15.2	15.2	17.3
Freq. (MHz)	22.4	23.6	93.5	97.0
Limit (dB)	41.2	40.8	30.6	30.3
Worst Pair	36	36	45	78
PS NEXT (dB)	16.9	17.2	17.0	19.0
Freq. (MHz)	23.1	23.6	93.3	96.8
Limit (dB)	37.9	37.8	27.6	27.3



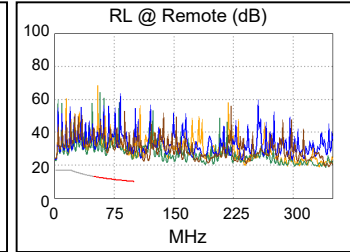
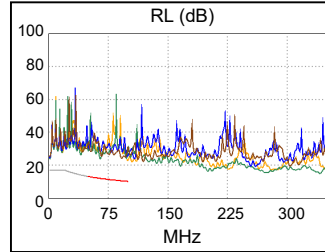
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-78	78-45	78-45	45-78
ACR-F (dB)	23.2	23.2	24.1	24.1
Freq. (MHz)	4.0	4.0	100.0	100.0
Limit (dB)	45.4	45.4	17.4	17.4
Worst Pair	78	78	78	78
PS ACR-F (dB)	23.5	23.5	24.4	24.2
Freq. (MHz)	3.1	1.5	100.0	99.8
Limit (dB)	44.5	50.9	14.4	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	36-45	36-78
ACR-N (dB)	21.7	21.7	34.2	36.7
Freq. (MHz)	1.6	2.1	93.5	97.0
Limit (dB)	56.9	54.8	7.4	6.7
Worst Pair	12	45	45	78
PS ACR-N (dB)	23.7	22.3	36.0	38.4
Freq. (MHz)	6.5	2.1	93.3	96.8
Limit (dB)	41.4	51.8	4.5	3.7



PASS	MAIN	SR	MAIN	SR
Worst Pair	36	36	12	36
RL (dB)	12.0	13.5	12.8	13.5
Freq. (MHz)	65.3	97.8	99.5	97.8
Limit (dB)	11.9	10.1	10.0	10.1



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive



Cable ID: SALA POLIVALENTE PTO 74

Date / Time: 08/22/2018 01:43:44 PM
Headroom -1.7 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

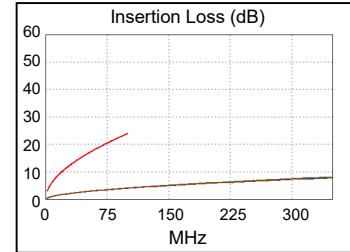
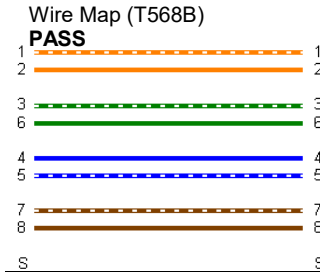
Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Test Summary: FAIL

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

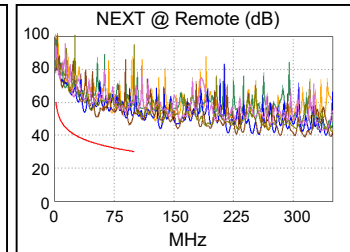
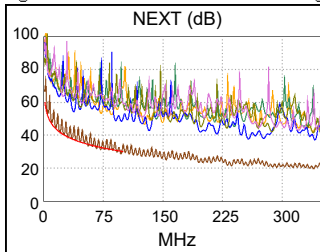
Length (m), Limit 100.0	[Pair 78]	19.4
Prop. Delay (ns), Limit 555	[Pair 45]	98
Delay Skew (ns), Limit 50	[Pair 36]	3
Resistance (ohms)	[Pair 45]	3.59
Insertion Loss Margin (dB)	[Pair 36]	19.9
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0

Patch Cable BAD or Patch Cable too short

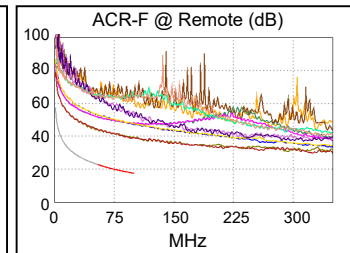
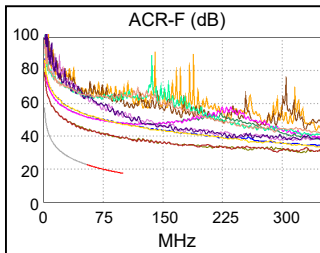


Worst Case Margin Worst Case Value

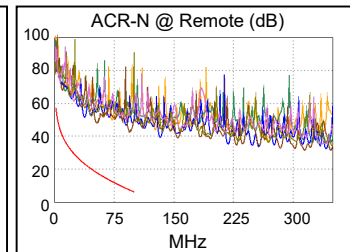
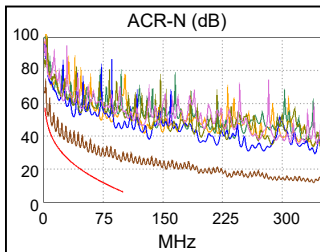
FAIL	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	-1.7F	15.8	-1.7	15.9
Freq. (MHz)	97.3	93.8	97.3	94.0
Limit (dB)	30.3	30.6	30.3	30.5
Worst Pair	36	45	36	45
PS NEXT (dB)	1.3	18.1	1.3	18.2
Freq. (MHz)	97.3	93.8	97.3	94.0
Limit (dB)	27.3	27.6	27.3	27.5



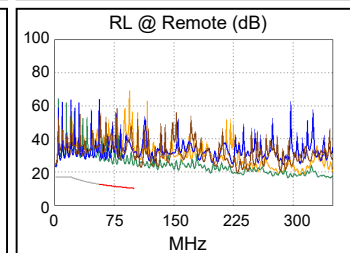
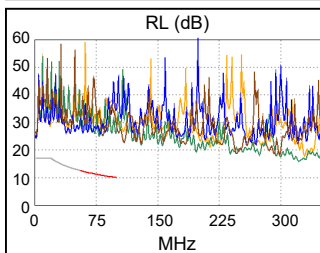
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	36-45	45-36
ACR-F (dB)	20.6	20.6	21.1	21.2
Freq. (MHz)	45.8	45.8	96.5	97.3
Limit (dB)	24.2	24.2	17.7	17.6
Worst Pair	45	45	45	36
PS ACR-F (dB)	23.1	23.0	23.6	23.8
Freq. (MHz)	4.6	45.8	96.5	95.8
Limit (dB)	41.1	21.2	14.7	14.8



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	6.0	22.0	18.0	35.2
Freq. (MHz)	5.0	1.4	97.3	94.0
Limit (dB)	47.0	57.0	6.6	7.3
Worst Pair	36	36	36	36
PS ACR-N (dB)	9.0	23.4	20.9	37.5
Freq. (MHz)	5.0	1.5	97.3	94.0
Limit (dB)	44.0	54.0	3.6	4.3



PASS	MAIN	SR	MAIN	SR
Worst Pair	36	36	36	36
RL (dB)	14.0	13.5	14.1	14.0
Freq. (MHz)	78.5	73.0	78.8	99.0
Limit (dB)	11.1	11.4	11.0	10.1





Cable ID: SALA POLIVALENTE PTO 76

Date / Time: 08/22/2018 01:47:29 PM
Headroom -0.9 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

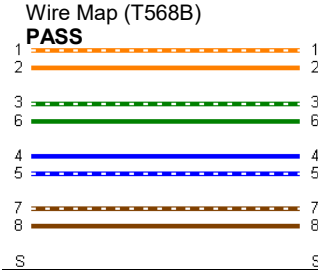
Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Test Summary: FAIL

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

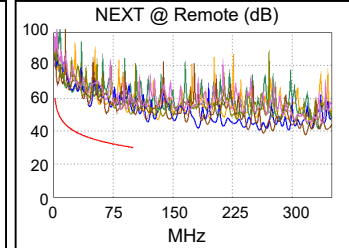
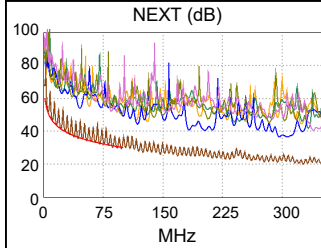
Length (m), Limit 100.0	[Pair 78]	18.3
Prop. Delay (ns), Limit 555	[Pair 45]	93
Delay Skew (ns), Limit 50	[Pair 45]	3
Resistance (ohms)	[Pair 36]	3.37
Insertion Loss Margin (dB)	[Pair 36]	20.1
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0

Patch Cable BAD or Patch Cable too short

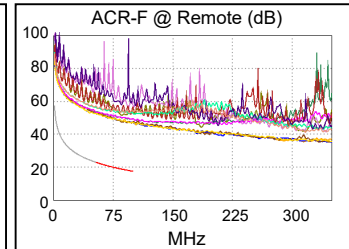
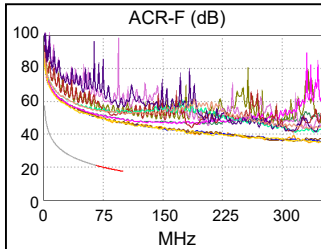


Worst Case Margin Worst Case Value

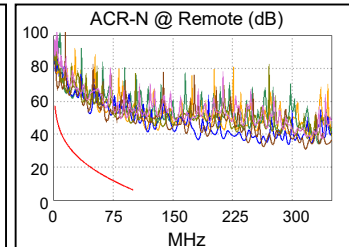
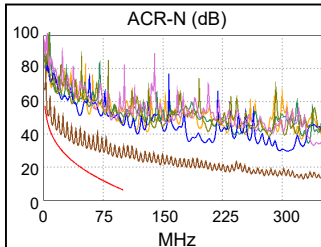
	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	36-45	36-45	36-45	36-78
NEXT (dB)	-0.9F	16.4	-0.7	20.3
Freq. (MHz)	92.5	4.5	98.0	97.5
Limit (dB)	30.7	52.7	30.2	30.3
Worst Pair	36	36	36	78
PS NEXT (dB)	2.1	18.8	2.3	21.0
Freq. (MHz)	92.5	4.5	98.0	99.3
Limit (dB)	27.7	49.7	27.2	27.1



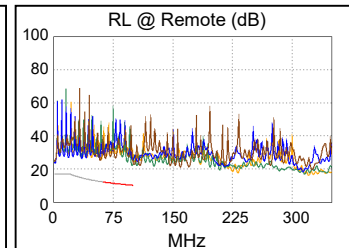
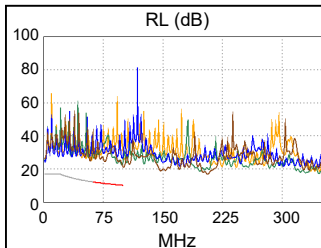
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-36	36-12	12-36	12-36
ACR-F (dB)	28.5	28.6	29.2	29.2
Freq. (MHz)	86.5	86.5	97.5	98.3
Limit (dB)	18.7	18.7	17.6	17.6
Worst Pair	12	12	12	12
PS ACR-F (dB)	26.6	27.1	28.3	28.3
Freq. (MHz)	1.5	4.6	98.3	97.8
Limit (dB)	50.9	41.1	14.6	14.6



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	36-45	36-45	36-78
ACR-N (dB)	5.1	20.4	19.2	40.2
Freq. (MHz)	5.4	4.5	98.0	97.5
Limit (dB)	46.3	48.0	6.5	6.6
Worst Pair	36	36	36	78
PS ACR-N (dB)	8.1	22.8	22.1	41.1
Freq. (MHz)	5.4	4.5	98.0	99.3
Limit (dB)	43.3	45.0	3.5	3.2



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	78	36	78	36
RL (dB)	11.1	11.9	11.1	11.9
Freq. (MHz)	100.0	98.8	100.0	98.8
Limit (dB)	10.0	10.1	10.0	10.1





Cable ID: SALA POLIVALENTE PTO 75

Date / Time: 08/22/2018 01:48:55 PM
Headroom -1.2 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

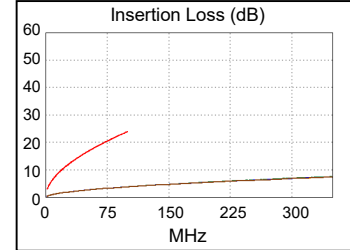
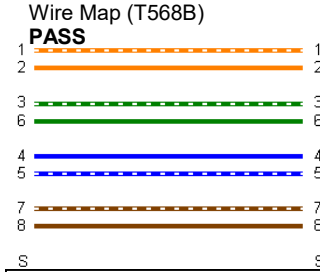
Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Test Summary: FAIL

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

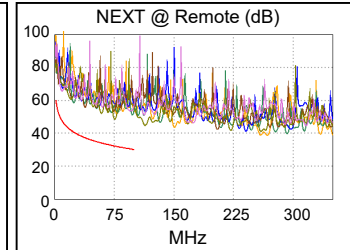
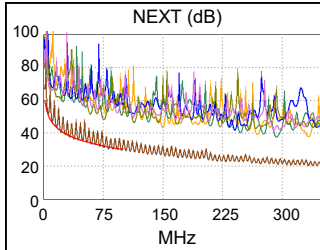
Length (m), Limit 100.0	[Pair 78]	18.3
Prop. Delay (ns), Limit 555	[Pair 45]	92
Delay Skew (ns), Limit 50	[Pair 36]	2
Resistance (ohms)	[Pair 45]	3.36
Insertion Loss Margin (dB)	[Pair 12]	20.2
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0

Patch Cable BAD or Patch Cable too short

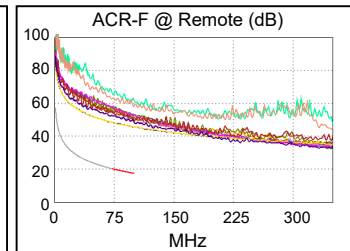
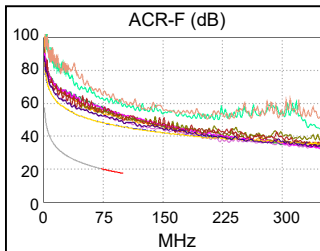


Worst Case Margin Worst Case Value

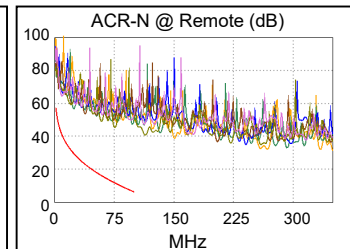
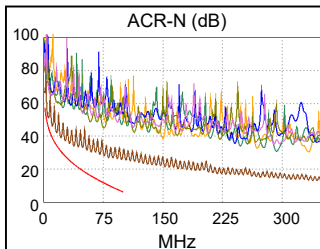
	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	36-45	36-78	36-45	36-78
NEXT (dB)	-1.2F	16.4	-0.6	16.4
Freq. (MHz)	81.8	75.8	98.0	75.8
Limit (dB)	31.6	32.2	30.2	32.2
Worst Pair	36	36	36	36
PS NEXT (dB)	1.8	17.8	2.4	17.8
Freq. (MHz)	81.8	76.0	98.0	76.0
Limit (dB)	28.6	29.1	27.2	29.1



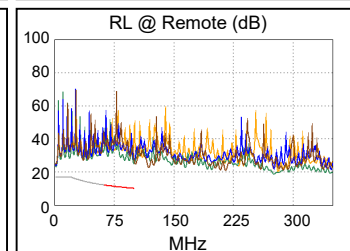
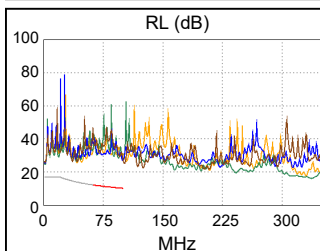
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-78	12-78	78-12	12-78
ACR-F (dB)	27.8	27.8	28.1	28.1
Freq. (MHz)	21.5	16.9	100.0	100.0
Limit (dB)	30.8	32.9	17.4	17.4
Worst Pair	12	78	78	78
PS ACR-F (dB)	28.8	28.9	29.3	29.2
Freq. (MHz)	1.1	1.5	100.0	100.0
Limit (dB)	53.4	50.9	14.4	14.4



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	36-78	36-45	36-78
ACR-N (dB)	5.2	22.3	19.3	33.8
Freq. (MHz)	5.4	1.5	98.0	75.8
Limit (dB)	46.3	57.0	6.5	11.5
Worst Pair	36	78	36	36
PS ACR-N (dB)	8.2	23.7	22.3	35.1
Freq. (MHz)	5.4	9.1	98.0	76.0
Limit (dB)	43.3	37.9	3.5	8.5



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45	36	45	36
RL (dB)	16.8	15.0	16.8	15.0
Freq. (MHz)	99.5	100.0	99.5	100.0
Limit (dB)	10.0	10.0	10.0	10.0





Cable ID: SALA POLIVALENTE PTO 77

Date / Time: 08/22/2018 01:50:59 PM
Headroom -1.4 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

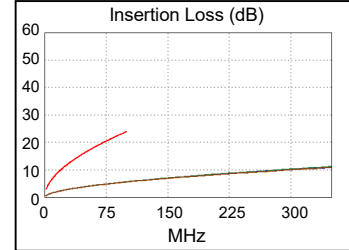
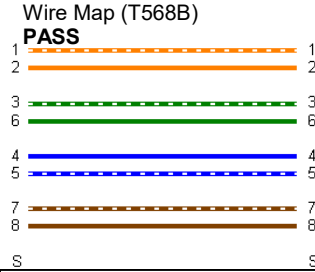
Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Test Summary: FAIL

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

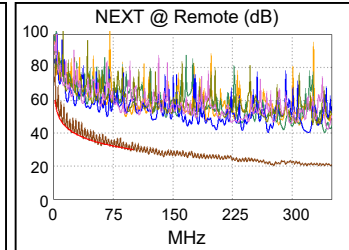
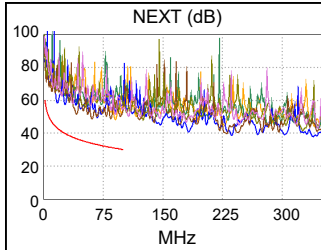
Length (m), Limit 100.0	[Pair 78]	26.7
Prop. Delay (ns), Limit 555	[Pair 45]	135
Delay Skew (ns), Limit 50	[Pair 45]	4
Resistance (ohms)	[Pair 45]	4.96
Insertion Loss Margin (dB)	[Pair 36]	18.3
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0

Patch Cable BAD or Patch Cable too short

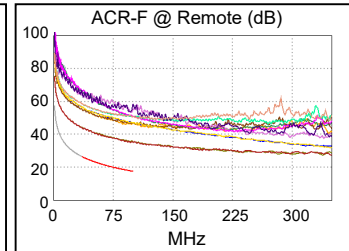
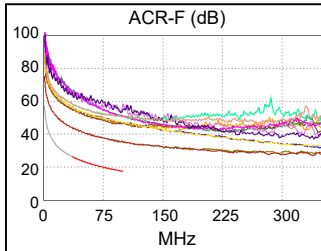


Worst Case Margin Worst Case Value

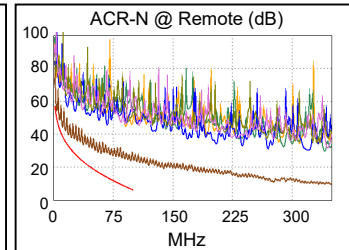
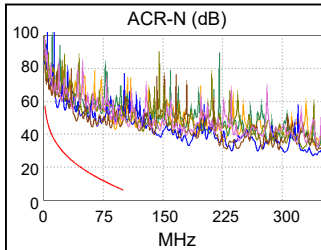
FAIL	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	12-36	36-45
NEXT (dB)	14.8	-1.4F	17.5	-1.0
Freq. (MHz)	41.3	59.5	90.3	97.0
Limit (dB)	36.7	34.0	30.8	30.3
Worst Pair	45	36	12	36
PS NEXT (dB)	16.8	1.6	19.2	2.0
Freq. (MHz)	41.3	59.5	90.5	97.0
Limit (dB)	33.7	31.0	27.8	27.3



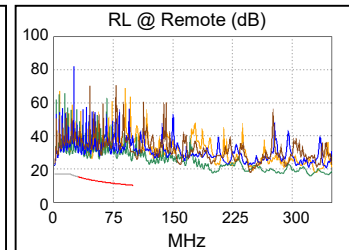
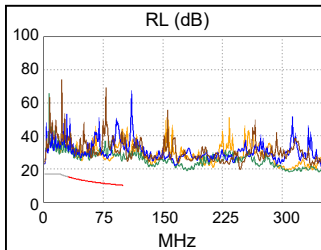
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	16.9	16.9	17.4	17.3
Freq. (MHz)	3.1	3.1	97.0	97.0
Limit (dB)	47.5	47.5	17.7	17.7
Worst Pair	36	36	36	36
PS ACR-F (dB)	19.6	19.5	20.4	19.9
Freq. (MHz)	3.0	3.1	100.0	97.0
Limit (dB)	44.9	44.5	14.4	14.7



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	12-36	36-45
ACR-N (dB)	19.8	4.5	34.8	17.1
Freq. (MHz)	3.0	3.6	90.3	97.0
Limit (dB)	51.7	50.0	8.1	6.7
Worst Pair	36	36	12	36
PS ACR-N (dB)	21.2	7.4	36.6	20.0
Freq. (MHz)	3.0	3.5	90.5	97.0
Limit (dB)	48.7	47.3	5.1	3.7



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	36	12	36
RL (dB)	11.8	12.7	14.0	14.7
Freq. (MHz)	48.3	42.3	82.8	98.3
Limit (dB)	13.2	13.8	10.8	10.1





Cable ID: SALA POLIVALENTE PTO 78

Date / Time: 08/22/2018 01:51:52 PM
Headroom -1.0 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

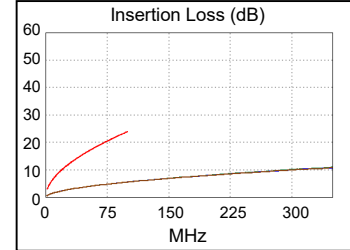
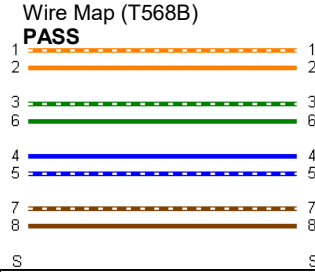
Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Test Summary: FAIL

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

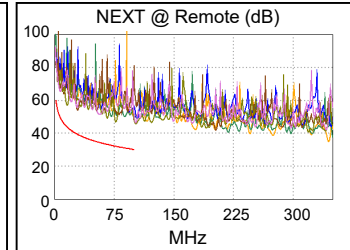
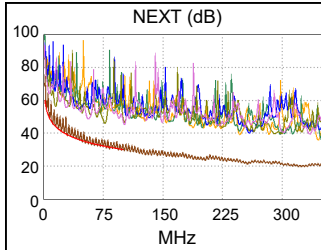
Length (m), Limit 100.0	[Pair 78]	26.7
Prop. Delay (ns), Limit 555	[Pair 45]	134
Delay Skew (ns), Limit 50	[Pair 45]	3
Resistance (ohms)	[Pair 45]	4.93
Insertion Loss Margin (dB)	[Pair 12]	18.4
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0

Patch Cable BAD or Patch Cable too short

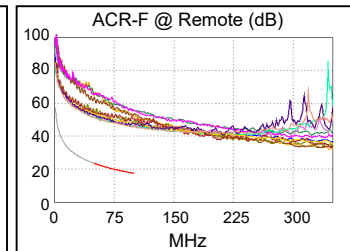
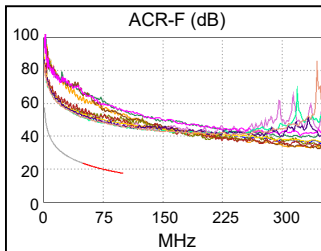


Worst Case Margin Worst Case Value

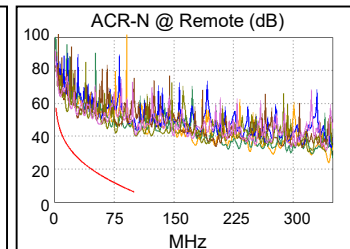
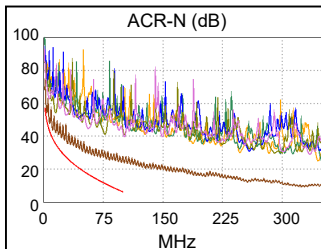
	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	36-45	36-78	36-45	36-78
NEXT (dB)	-1.0F	13.3	-0.5	14.9
Freq. (MHz)	82.8	15.6	97.8	77.0
Limit (dB)	31.5	43.8	30.2	32.0
Worst Pair	36	45	36	78
PS NEXT (dB)	2.0	15.3	2.5	18.2
Freq. (MHz)	82.8	28.1	97.8	100.0
Limit (dB)	28.5	36.5	27.2	27.1



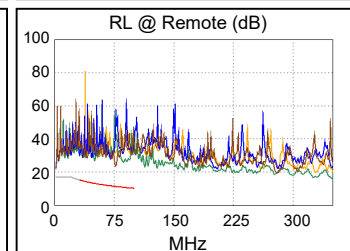
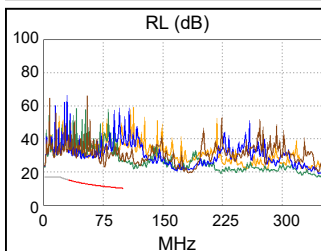
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-78	78-45	78-45	45-78
ACR-F (dB)	27.3	27.3	28.2	28.3
Freq. (MHz)	57.0	57.0	100.0	100.0
Limit (dB)	22.3	22.3	17.4	17.4
Worst Pair	78	78	78	78
PS ACR-F (dB)	26.4	26.2	27.3	27.3
Freq. (MHz)	3.1	1.4	95.3	99.0
Limit (dB)	44.5	51.6	14.8	14.5



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	45-78	36-45	36-78
ACR-N (dB)	4.8	20.1	17.7	30.8
Freq. (MHz)	3.6	6.5	97.8	77.0
Limit (dB)	50.0	44.4	6.5	11.2
Worst Pair	36	45	36	78
PS ACR-N (dB)	7.7	20.5	20.7	36.7
Freq. (MHz)	3.6	6.5	97.8	100.0
Limit (dB)	47.0	41.4	3.5	3.1



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	78	78	78	78
RL (dB)	11.9	12.4	11.9	12.4
Freq. (MHz)	76.8	76.8	76.8	76.8
Limit (dB)	11.2	11.2	11.2	11.2





Cable ID: SALA POLIVALENTE PTO 79

Date / Time: 08/22/2018 01:53:51 PM
Headroom -1.0 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

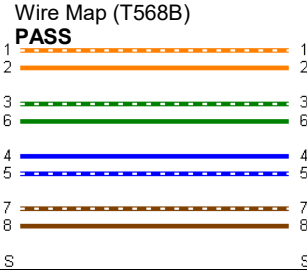
Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Test Summary: FAIL

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

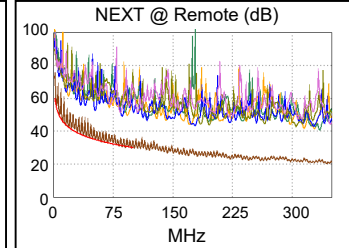
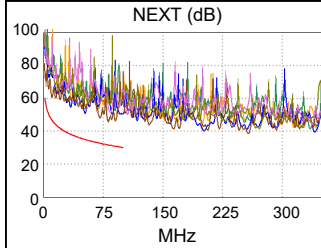
Length (m), Limit 100.0	[Pair 78]	26.5
Prop. Delay (ns), Limit 555	[Pair 45]	134
Delay Skew (ns), Limit 50	[Pair 45]	4
Resistance (ohms)	[Pair 45]	4.90
Insertion Loss Margin (dB)	[Pair 36]	18.4
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0

Patch Cable BAD or Patch Cable too short

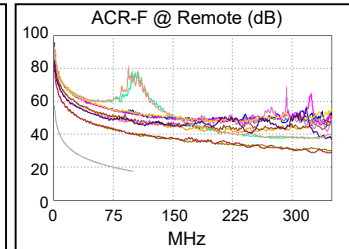
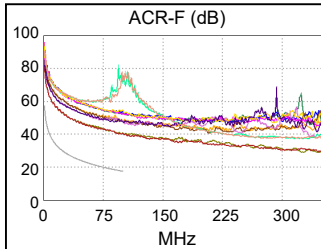


Worst Case Margin Worst Case Value

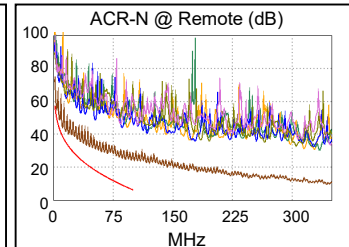
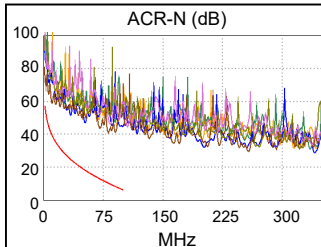
FAIL	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	13.9	-1.0F	14.3	-0.4
Freq. (MHz)	2.4	90.0	81.5	97.8
Limit (dB)	57.2	30.9	31.6	30.2
Worst Pair	36	36	45	36
PS NEXT (dB)	16.7	2.0	16.7	2.6
Freq. (MHz)	10.3	90.0	81.5	97.8
Limit (dB)	43.8	27.9	28.6	27.2



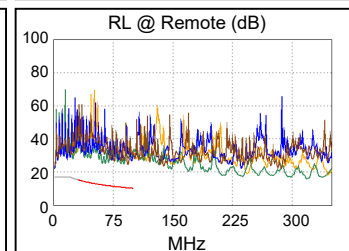
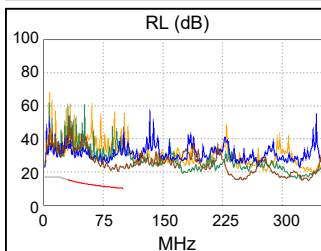
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	36-45	45-36
ACR-F (dB)	22.2	22.3	22.5	22.4
Freq. (MHz)	94.0	94.0	97.5	97.5
Limit (dB)	17.9	17.9	17.6	17.6
Worst Pair	36	36	36	36
PS ACR-F (dB)	23.9	23.5	24.3	24.3
Freq. (MHz)	45.3	3.0	97.5	97.5
Limit (dB)	21.3	44.9	14.6	14.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	16.6	5.2	30.8	17.8
Freq. (MHz)	2.4	3.4	81.5	97.8
Limit (dB)	53.8	50.7	10.1	6.5
Worst Pair	36	36	45	36
PS ACR-N (dB)	19.4	8.2	33.2	20.7
Freq. (MHz)	2.4	3.6	81.5	97.8
Limit (dB)	50.8	47.0	7.1	3.5



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	36	78	78
RL (dB)	10.1	12.9	10.1	14.3
Freq. (MHz)	93.8	61.0	93.8	93.5
Limit (dB)	10.3	12.2	10.3	10.3





Cable ID: SALA POLIVALENTE PTO 80

Date / Time: 08/22/2018 01:58:09 PM
Headroom -0.7 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

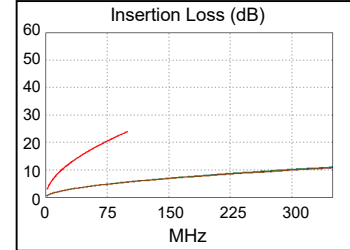
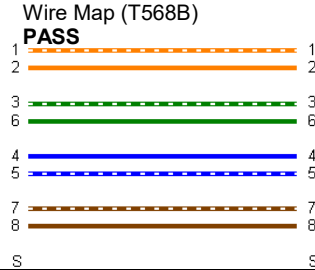
Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Test Summary: FAIL

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

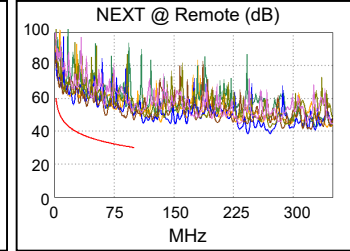
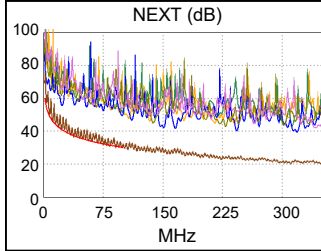
Length (m), Limit 100.0	[Pair 78]	26.3
Prop. Delay (ns), Limit 555	[Pair 45]	133
Delay Skew (ns), Limit 50	[Pair 36]	4
Resistance (ohms)	[Pair 45]	4.91
Insertion Loss Margin (dB)	[Pair 36]	18.4
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0

Patch Cable BAD or Patch Cable too short

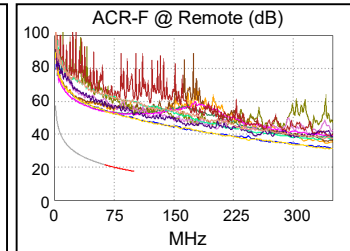
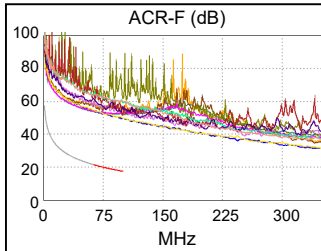


Worst Case Margin Worst Case Value

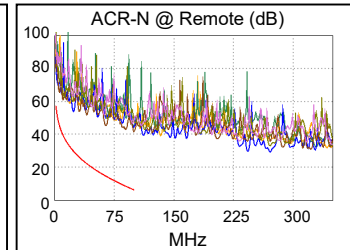
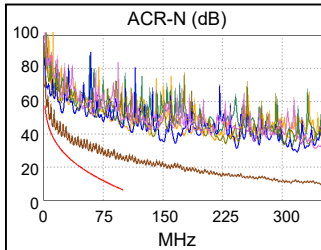
	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	36-45	12-78	36-45	36-45
NEXT (dB)	-0.7F	15.7	-0.1	16.8
Freq. (MHz)	90.8	23.6	98.5	99.5
Limit (dB)	30.8	40.8	30.2	30.1
Worst Pair	36	36	36	45
PS NEXT (dB)	2.3	17.3	2.9	17.6
Freq. (MHz)	90.8	10.6	98.5	99.5
Limit (dB)	27.8	43.6	27.2	27.1



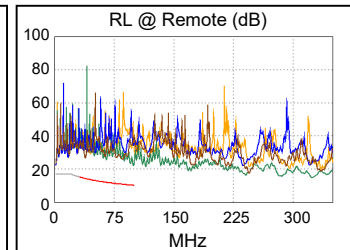
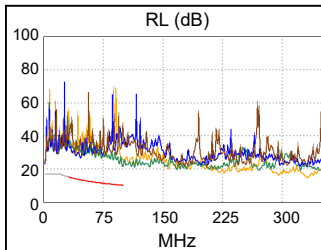
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-45	45-12	12-78	78-12
ACR-F (dB)	30.9	30.9	31.8	32.0
Freq. (MHz)	21.8	21.8	98.3	98.8
Limit (dB)	30.7	30.7	17.6	17.5
Worst Pair	12	12	12	12
PS ACR-F (dB)	29.4	30.0	32.9	32.6
Freq. (MHz)	1.9	4.8	100.0	99.0
Limit (dB)	48.9	40.9	14.4	14.5



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	5.8	20.1	18.2	35.2
Freq. (MHz)	7.4	5.8	98.5	99.5
Limit (dB)	43.1	45.6	6.4	6.2
Worst Pair	36	36	36	45
PS ACR-N (dB)	8.8	22.5	21.1	36.0
Freq. (MHz)	11.4	5.9	98.5	99.5
Limit (dB)	35.5	42.4	3.4	3.2



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36	36	36	36
RL (dB)	11.3	11.8	11.3	11.9
Freq. (MHz)	99.5	99.0	99.5	99.3
Limit (dB)	10.0	10.1	10.0	10.0





Cable ID: SALA POLIVALENTE PTO 81

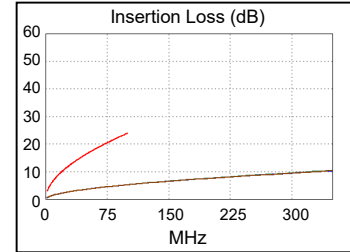
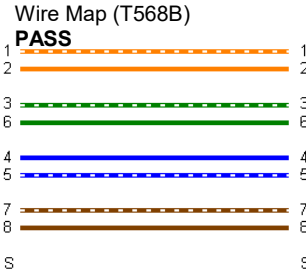
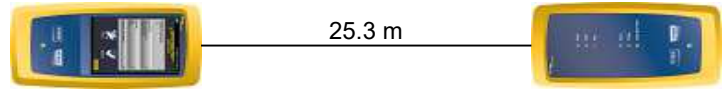
Test Summary: PASS

Date / Time: 08/22/2018 01:58:48 PM
Headroom 12.8 dB (NEXT 36-78)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

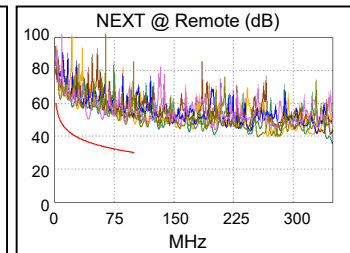
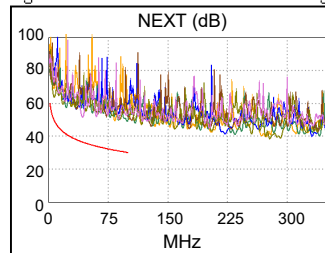
Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

Length (m), Limit 100.0	[Pair 78]	25.3
Prop. Delay (ns), Limit 555	[Pair 45]	127
Delay Skew (ns), Limit 50	[Pair 36]	3
Resistance (ohms)	[Pair 36]	4.68
Insertion Loss Margin (dB)	[Pair 12]	18.7
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0

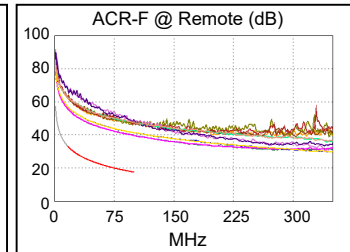
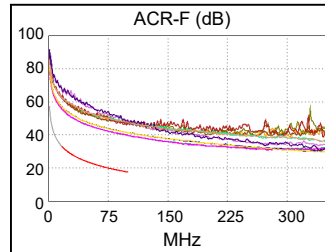


Worst Case Margin Worst Case Value

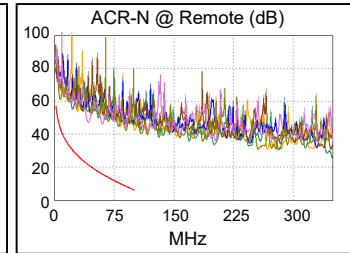
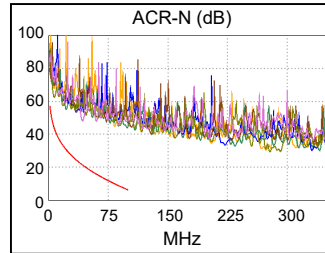
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	12-45	36-78
NEXT (dB)	13.9	12.8	18.9	16.4
Freq. (MHz)	6.5	6.9	99.0	89.8
Limit (dB)	50.1	49.7	30.2	30.9
Worst Pair	36	36	45	78
PS NEXT (dB)	15.2	14.2	19.5	16.7
Freq. (MHz)	6.5	6.9	99.3	88.8
Limit (dB)	47.1	46.7	27.1	28.0



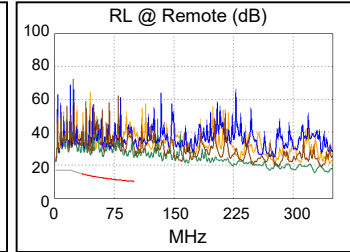
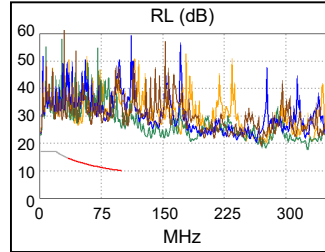
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	45-12	12-45	12-45
ACR-F (dB)	22.1	22.0	22.1	22.1
Freq. (MHz)	100.0	88.5	100.0	100.0
Limit (dB)	17.4	18.5	17.4	17.4
Worst Pair	12	12	12	12
PS ACR-F (dB)	21.9	22.0	22.4	22.4
Freq. (MHz)	1.5	1.1	100.0	100.0
Limit (dB)	50.9	53.4	14.4	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	12-45	36-78
ACR-N (dB)	18.3	17.3	37.6	34.0
Freq. (MHz)	6.3	6.8	99.0	89.8
Limit (dB)	44.8	44.0	6.3	8.3
Worst Pair	36	36	45	78
PS ACR-N (dB)	19.7	18.6	38.1	34.2
Freq. (MHz)	6.5	6.4	99.3	88.8
Limit (dB)	41.4	41.6	3.2	5.5



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	36	36	36
RL (dB)	13.4	12.7	15.6	15.0
Freq. (MHz)	46.8	45.3	99.8	100.0
Limit (dB)	13.3	13.5	10.0	10.0



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive



Cable ID: SALA POLIVALENTE PTO 82

Date / Time: 08/22/2018 01:59:38 PM
Headroom -1.1 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

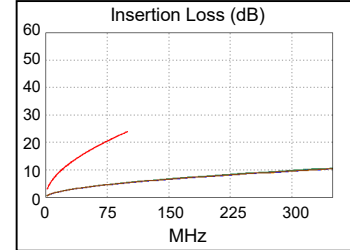
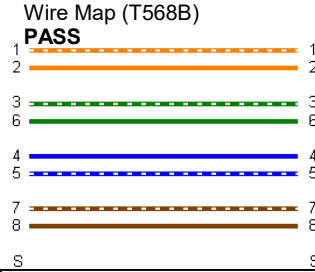
Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Test Summary: FAIL

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

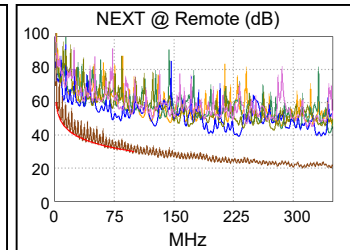
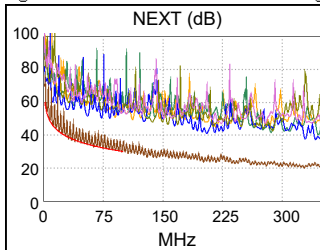
Length (m), Limit 100.0	[Pair 78]	25.3
Prop. Delay (ns), Limit 555	[Pair 45]	128
Delay Skew (ns), Limit 50	[Pair 45]	4
Resistance (ohms)	[Pair 45]	4.72
Insertion Loss Margin (dB)	[Pair 36]	18.6
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0

Patch Cable BAD or Patch Cable too short

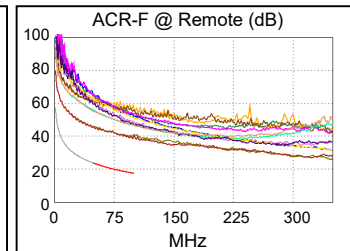
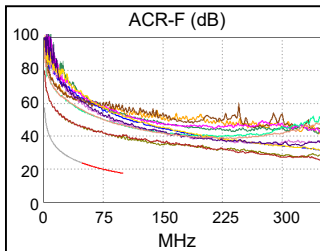


Worst Case Margin Worst Case Value

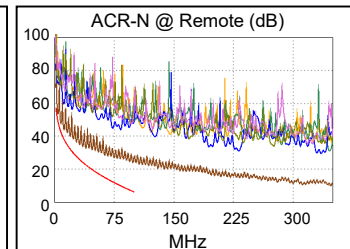
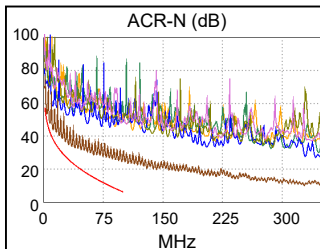
	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	-0.9F	-1.1F	-0.3	-1.1
Freq. (MHz)	39.3	98.3	98.3	98.3
Limit (dB)	37.0	30.2	30.2	30.2
Worst Pair	36	36	36	36
PS NEXT (dB)	2.1	1.9	2.7	1.9
Freq. (MHz)	39.3	98.3	98.3	98.3
Limit (dB)	34.0	27.2	27.2	27.2



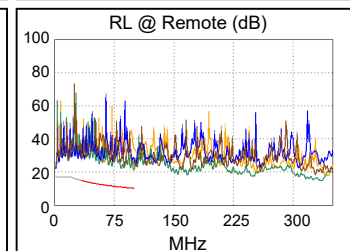
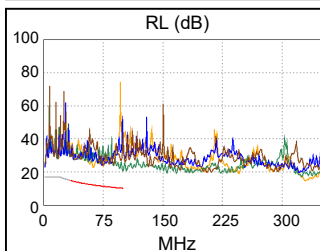
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	21.1	21.0	21.2	21.0
Freq. (MHz)	93.8	98.3	98.3	98.3
Limit (dB)	18.0	17.6	17.6	17.6
Worst Pair	45	36	45	36
PS ACR-F (dB)	23.4	23.5	23.5	23.5
Freq. (MHz)	93.8	98.3	98.3	98.3
Limit (dB)	15.0	14.6	14.6	14.6



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	4.4	4.4	18.3	17.5
Freq. (MHz)	3.9	3.9	98.3	98.3
Limit (dB)	49.4	49.4	6.4	6.4
Worst Pair	36	36	36	36
PS ACR-N (dB)	7.3	7.3	21.1	20.3
Freq. (MHz)	3.9	3.9	98.3	98.3
Limit (dB)	46.4	46.4	3.4	3.4



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	36	36	36
RL (dB)	10.5	11.1	10.7	11.1
Freq. (MHz)	62.5	99.8	99.8	99.8
Limit (dB)	12.1	10.0	10.0	10.0





Cable ID: SALA POLIVALENTE PTO 83

Date / Time: 08/22/2018 02:00:05 PM
Headroom -1.1 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

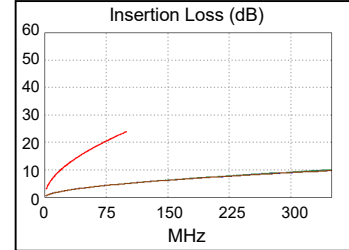
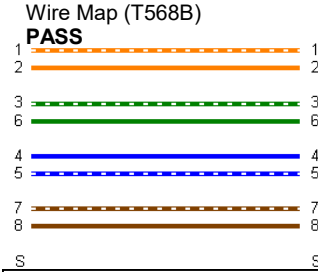
Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Test Summary: FAIL

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

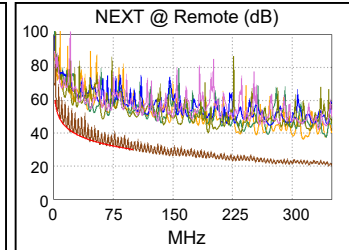
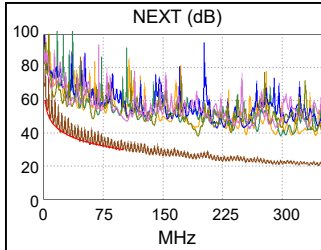
Length (m), Limit 100.0	[Pair 78]	24.1
Prop. Delay (ns), Limit 555	[Pair 45]	121
Delay Skew (ns), Limit 50	[Pair 36]	3
Resistance (ohms)	[Pair 36]	4.44
Insertion Loss Margin (dB)	[Pair 12]	19.0
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0

Patch Cable BAD or Patch Cable too short

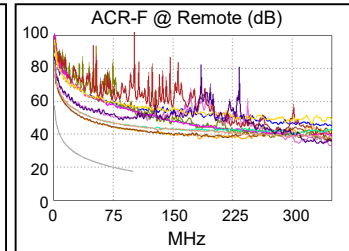
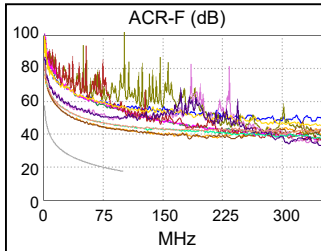


Worst Case Margin Worst Case Value

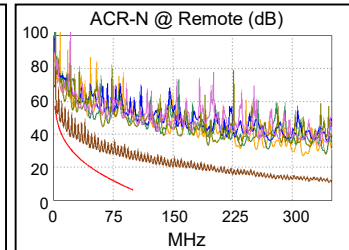
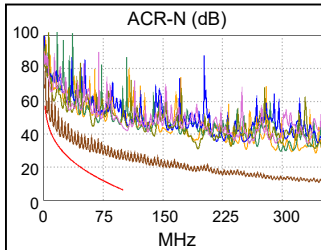
	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	-1.0F	-1.1F	-0.8	-0.8
Freq. (MHz)	58.0	58.3	95.8	95.8
Limit (dB)	34.1	34.1	30.4	30.4
Worst Pair	36	36	36	36
PS NEXT (dB)	2.0	1.9	2.2	2.2
Freq. (MHz)	58.0	58.3	95.8	95.8
Limit (dB)	31.1	31.1	27.4	27.4



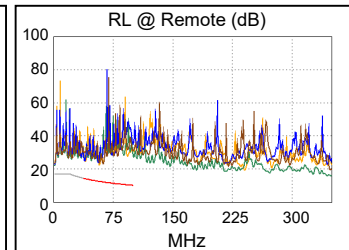
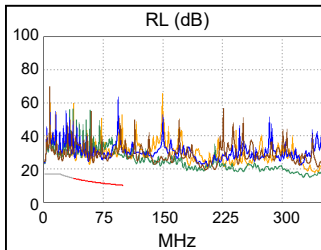
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-36	12-36	36-12	12-36
ACR-F (dB)	23.6	23.6	24.8	24.8
Freq. (MHz)	39.0	39.5	97.8	97.8
Limit (dB)	25.6	25.5	17.6	17.6
Worst Pair	36	36	36	36
PS ACR-F (dB)	25.3	25.6	27.3	27.1
Freq. (MHz)	2.1	39.0	99.0	97.8
Limit (dB)	47.9	22.6	14.5	14.6



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	4.3	4.4	17.7	18.6
Freq. (MHz)	4.0	4.1	95.8	99.8
Limit (dB)	49.1	48.8	7.0	6.1
Worst Pair	36	36	36	36
PS ACR-N (dB)	7.3	7.4	20.7	21.6
Freq. (MHz)	4.0	4.1	95.8	99.8
Limit (dB)	46.1	45.8	4.0	3.1



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	12	12
RL (dB)	10.5	10.0	10.5	10.0
Freq. (MHz)	57.8	57.5	57.8	57.5
Limit (dB)	12.4	12.4	12.4	12.4





Cable ID: SALA POLIVALENTE PTO 84

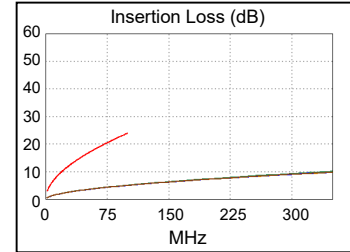
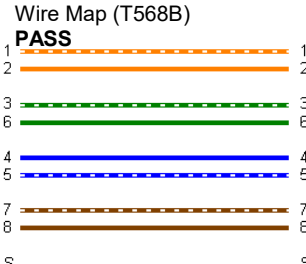
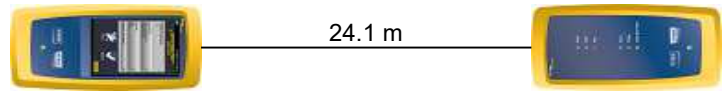
Test Summary: PASS

Date / Time: 08/22/2018 02:00:55 PM
Headroom 15.3 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

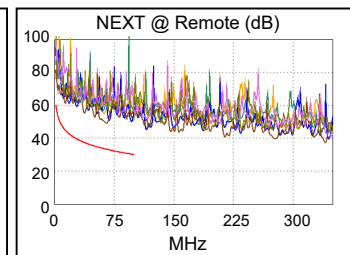
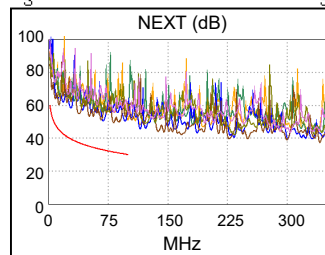
Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

Length (m), Limit 100.0	[Pair 78]	24.1
Prop. Delay (ns), Limit 555	[Pair 45]	122
Delay Skew (ns), Limit 50	[Pair 45]	4
Resistance (ohms)	[Pair 45]	4.50
Insertion Loss Margin (dB)	[Pair 36]	18.9
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0

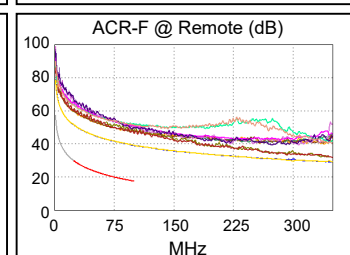
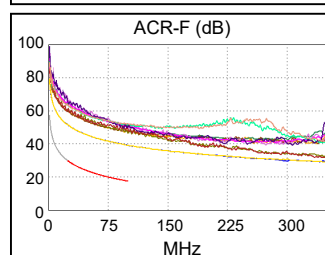


Worst Case Margin Worst Case Value

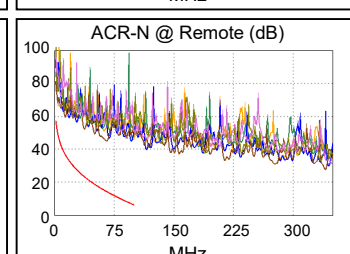
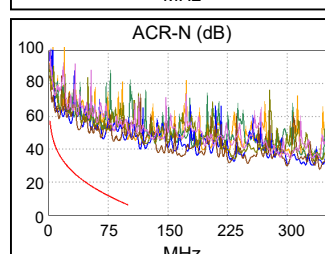
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	15.3	15.8	17.9	15.8
Freq. (MHz)	12.9	65.5	82.0	65.5
Limit (dB)	45.2	33.2	31.6	33.2
Worst Pair	36	36	12	12
PS NEXT (dB)	16.9	17.6	20.6	19.5
Freq. (MHz)	13.3	13.5	97.5	97.8
Limit (dB)	42.0	41.8	27.3	27.2



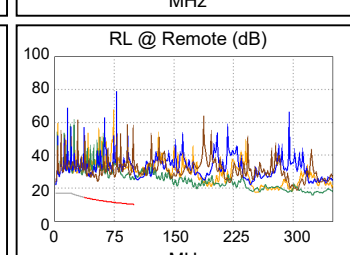
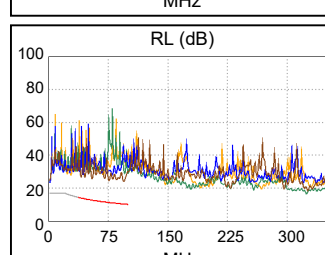
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	78-12	12-78	12-78
ACR-F (dB)	21.3	21.3	21.6	21.6
Freq. (MHz)	4.8	4.8	100.0	100.0
Limit (dB)	43.9	43.9	17.4	17.4
Worst Pair	12	12	12	12
PS ACR-F (dB)	23.4	23.3	23.8	23.9
Freq. (MHz)	1.5	2.1	100.0	100.0
Limit (dB)	50.9	47.9	14.4	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	19.8	19.7	35.0	30.8
Freq. (MHz)	3.6	3.5	82.0	65.5
Limit (dB)	50.0	50.3	10.0	14.2
Worst Pair	36	36	12	12
PS ACR-N (dB)	21.8	21.4	39.3	38.2
Freq. (MHz)	3.6	3.5	97.5	97.8
Limit (dB)	47.0	47.3	3.6	3.5



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	78	78	78
RL (dB)	12.8	11.3	13.8	11.3
Freq. (MHz)	40.8	54.3	94.8	54.3
Limit (dB)	13.9	12.7	10.2	12.7



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive



Cable ID: SALA POLIVALENTE PTO 85

Date / Time: 08/22/2018 02:01:32 PM
Headroom -1.8 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

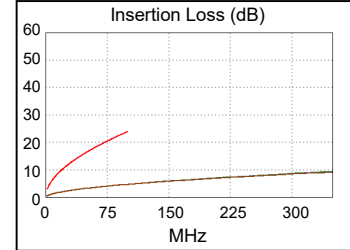
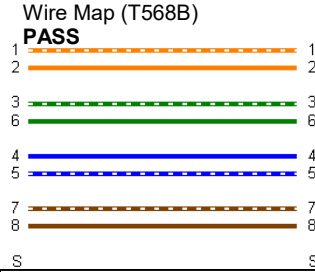
Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Test Summary: FAIL

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

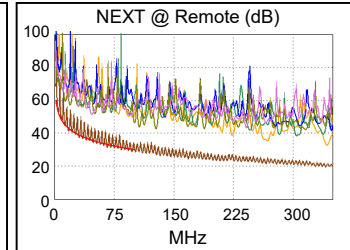
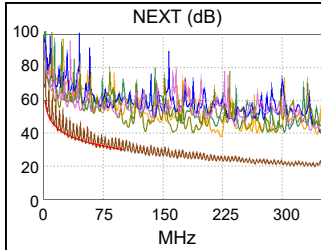
Length (m), Limit 100.0	[Pair 78]	22.6
Prop. Delay (ns), Limit 555	[Pair 45]	114
Delay Skew (ns), Limit 50	[Pair 36]	3
Resistance (ohms)	[Pair 45]	4.18
Insertion Loss Margin (dB)	[Pair 12]	19.3
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0

Patch Cable BAD or Patch Cable too short

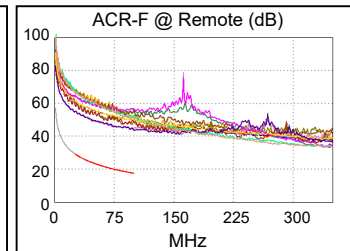
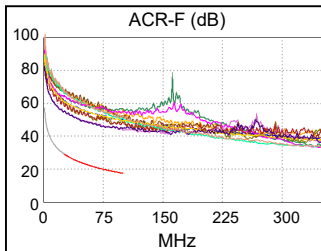


Worst Case Margin Worst Case Value

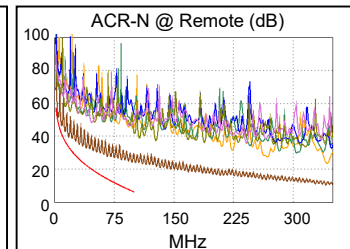
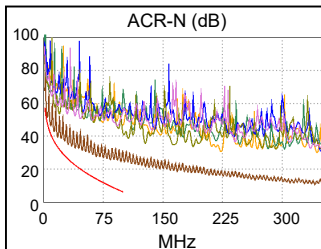
	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	-1.8F	-1.7F	-1.0	-1.5
Freq. (MHz)	66.3	66.3	97.3	97.3
Limit (dB)	33.2	33.2	30.3	30.3
Worst Pair	36	36	36	36
PS NEXT (dB)	1.2	1.3	2.0	1.5
Freq. (MHz)	66.3	66.3	97.3	97.3
Limit (dB)	30.2	30.2	27.3	27.3



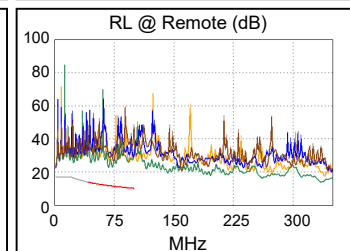
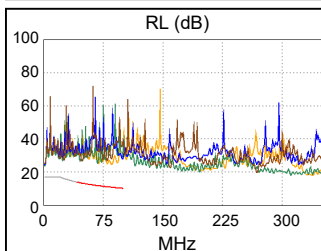
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	78-36	36-78	36-78	78-36
ACR-F (dB)	24.8	24.8	26.2	26.2
Freq. (MHz)	19.4	19.4	100.0	100.0
Limit (dB)	31.7	31.7	17.4	17.4
Worst Pair	36	36	78	36
PS ACR-F (dB)	26.6	26.4	27.5	27.5
Freq. (MHz)	18.0	4.0	100.0	100.0
Limit (dB)	29.3	42.4	14.4	14.4



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	3.6	3.6	18.0	17.5
Freq. (MHz)	4.3	4.3	97.3	97.3
Limit (dB)	48.5	48.5	6.6	6.6
Worst Pair	36	36	36	36
PS ACR-N (dB)	6.6	6.5	21.0	20.5
Freq. (MHz)	4.3	4.3	97.3	97.3
Limit (dB)	45.5	45.5	3.6	3.6



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36	36	12	36
RL (dB)	13.1	11.1	13.9	11.1
Freq. (MHz)	45.8	67.8	85.8	67.8
Limit (dB)	13.4	11.7	10.7	11.7





Cable ID: SALA POLIVALENTE PTO 86

Date / Time: 08/22/2018 02:03:45 PM
Headroom -0.5 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

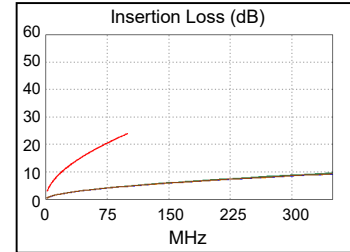
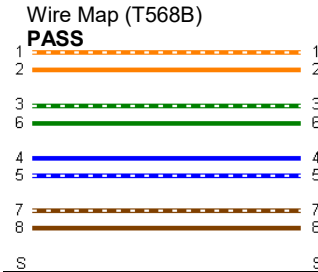
Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Test Summary: FAIL

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

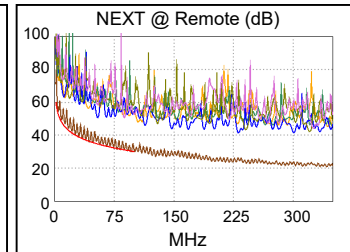
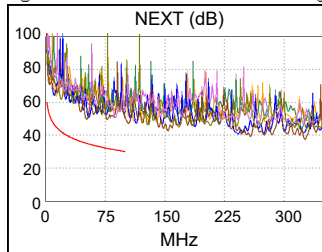
Length (m), Limit 100.0	[Pair 12]	22.8
Prop. Delay (ns), Limit 555	[Pair 45]	115
Delay Skew (ns), Limit 50	[Pair 45]	3
Resistance (ohms)	[Pair 45]	4.23
Insertion Loss Margin (dB)	[Pair 36]	19.2
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0

Patch Cable BAD or Patch Cable too short

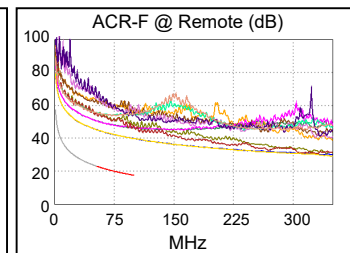
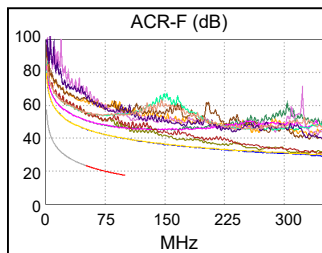


Worst Case Margin Worst Case Value

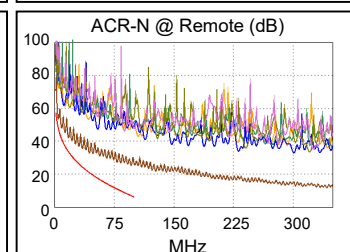
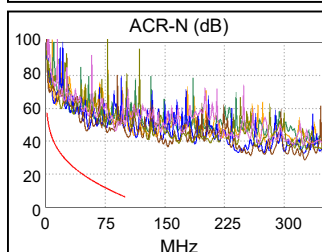
FAIL	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	14.7	-0.5F	17.4	-0.4
Freq. (MHz)	51.8	78.8	77.3	96.3
Limit (dB)	35.0	31.9	32.0	30.4
Worst Pair	45	36	45	36
PS NEXT (dB)	17.2	2.5	20.0	2.6
Freq. (MHz)	51.8	78.8	86.3	96.3
Limit (dB)	32.0	28.9	28.2	27.4



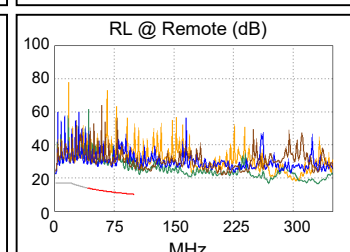
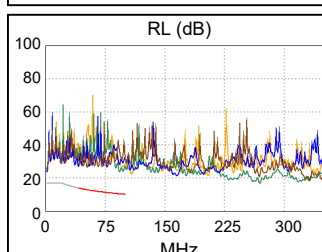
PASS	MAIN	SR	MAIN	SR
Worst Pair	78-12	12-78	12-78	12-78
ACR-F (dB)	21.9	21.9	22.3	22.3
Freq. (MHz)	26.8	26.8	100.0	100.0
Limit (dB)	28.9	28.9	17.4	17.4
Worst Pair	12	12	12	12
PS ACR-F (dB)	23.3	23.5	24.4	24.5
Freq. (MHz)	1.4	1.3	100.0	100.0
Limit (dB)	51.6	52.5	14.4	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	21.7	5.7	34.0	18.5
Freq. (MHz)	4.0	4.1	77.3	96.3
Limit (dB)	49.1	48.8	11.2	6.8
Worst Pair	36	36	45	36
PS ACR-N (dB)	23.3	8.7	37.8	21.4
Freq. (MHz)	3.9	4.1	86.3	96.3
Limit (dB)	46.4	45.8	6.0	3.8



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	36	36	36
RL (dB)	13.1	14.3	13.5	14.3
Freq. (MHz)	41.3	92.8	93.3	92.8
Limit (dB)	13.9	10.3	10.3	10.3





Cable ID: SALA POLIVALENTE PTO 87

Date / Time: 08/22/2018 02:04:56 PM
Headroom -0.4 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

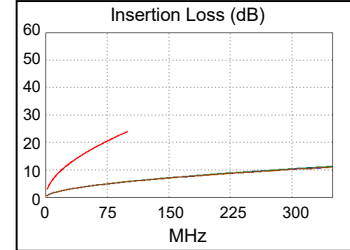
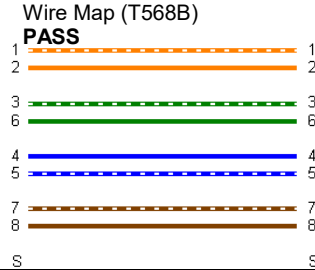
Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Test Summary: FAIL

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

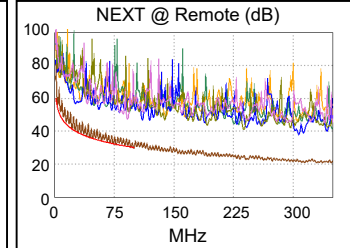
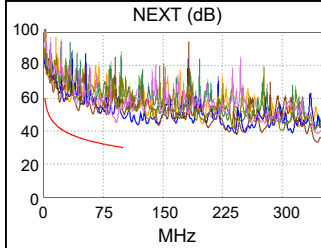
Length (m), Limit 100.0	[Pair 78]	26.9
Prop. Delay (ns), Limit 555	[Pair 45]	137
Delay Skew (ns), Limit 50	[Pair 45]	5
Resistance (ohms)	[Pair 45]	5.02
Insertion Loss Margin (dB)	[Pair 36]	18.3
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0

Patch Cable BAD or Patch Cable too short

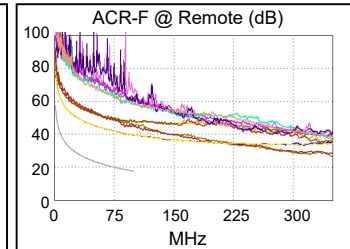
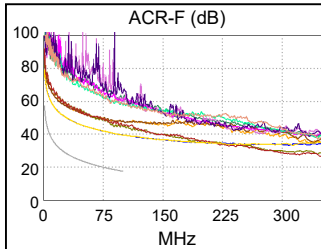


Worst Case Margin Worst Case Value

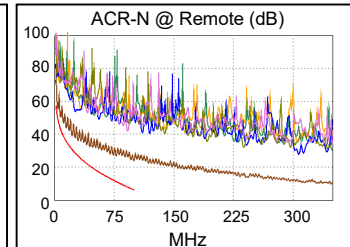
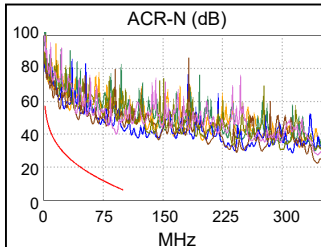
FAIL	MAIN	SR	MAIN	SR
Worst Pair	45-78	36-45	45-78	36-45
NEXT (dB)	14.6	-0.4F	14.7	-0.4
Freq. (MHz)	91.3	99.8	91.5	99.8
Limit (dB)	30.8	30.1	30.7	30.1
Worst Pair	78	36	45	36
PS NEXT (dB)	17.0	2.6	17.1	2.6
Freq. (MHz)	91.3	99.8	91.5	99.8
Limit (dB)	27.8	27.1	27.7	27.1



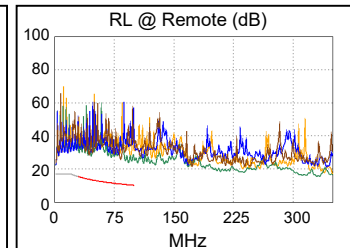
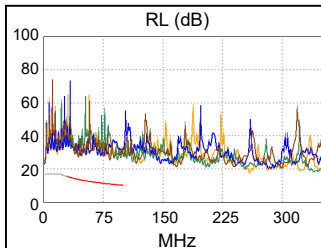
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	78-12	12-78	12-78
ACR-F (dB)	21.4	21.4	22.0	22.1
Freq. (MHz)	4.6	4.6	100.0	100.0
Limit (dB)	44.1	44.1	17.4	17.4
Worst Pair	12	12	12	12
PS ACR-F (dB)	22.8	23.4	24.4	24.6
Freq. (MHz)	1.4	1.0	99.3	100.0
Limit (dB)	51.6	54.4	14.5	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-78	36-45	45-78	36-45
ACR-N (dB)	22.6	5.7	32.1	17.9
Freq. (MHz)	1.9	3.6	91.5	99.8
Limit (dB)	55.8	50.0	7.9	6.1
Worst Pair	78	36	45	36
PS ACR-N (dB)	24.6	8.7	34.5	20.9
Freq. (MHz)	1.9	3.6	91.5	99.8
Limit (dB)	52.8	47.0	4.9	3.1



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	36	78	36
RL (dB)	13.6	13.4	14.6	13.4
Freq. (MHz)	43.8	93.0	83.5	93.0
Limit (dB)	13.6	10.3	10.8	10.3





Cable ID: SALA POLIVALENTE PTO 88

Date / Time: 08/22/2018 02:05:59 PM
Headroom -1.0 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

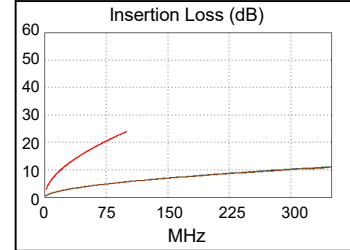
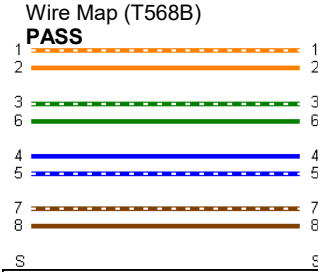
Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Test Summary: FAIL

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

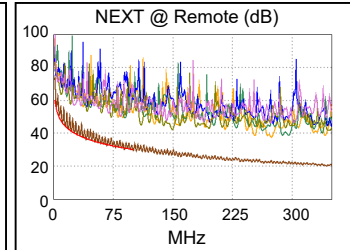
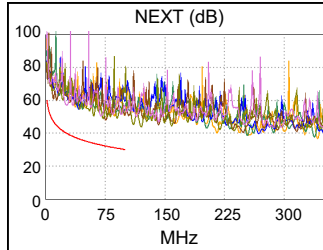
Length (m), Limit 100.0	[Pair 78]	26.9
Prop. Delay (ns), Limit 555	[Pair 45]	136
Delay Skew (ns), Limit 50	[Pair 45]	4
Resistance (ohms)	[Pair 45]	4.99
Insertion Loss Margin (dB)	[Pair 12]	18.4
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0

Patch Cable BAD or Patch Cable too short

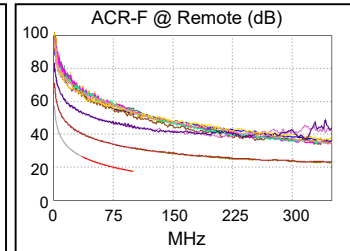
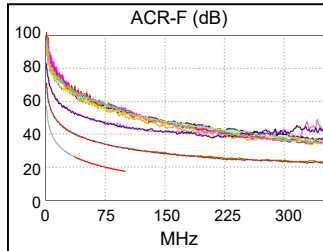


Worst Case Margin Worst Case Value

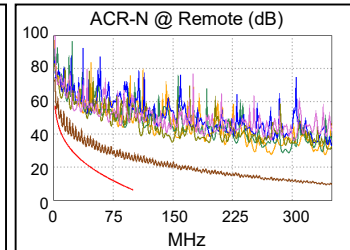
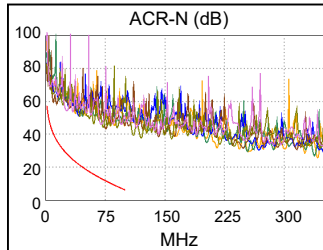
FAIL	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	13.6	-1.0F	15.8	-0.7
Freq. (MHz)	9.4	89.0	75.8	100.0
Limit (dB)	47.5	31.0	32.2	30.1
Worst Pair	36	36	36	36
PS NEXT (dB)	14.9	2.0	17.6	2.3
Freq. (MHz)	9.4	89.0	82.0	100.0
Limit (dB)	44.5	28.0	28.6	27.1



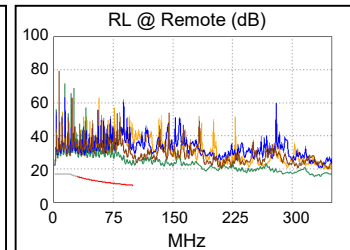
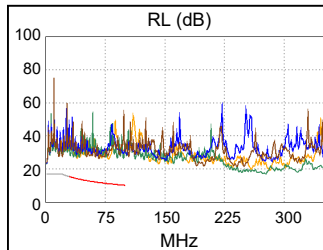
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	13.2	13.2	14.0	14.0
Freq. (MHz)	3.3	3.3	100.0	100.0
Limit (dB)	47.2	47.2	17.4	17.4
Worst Pair	36	36	36	36
PS ACR-F (dB)	16.0	16.2	16.8	16.9
Freq. (MHz)	3.3	3.0	100.0	100.0
Limit (dB)	44.2	44.9	14.4	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	17.5	5.4	31.6	17.7
Freq. (MHz)	1.8	3.6	75.8	100.0
Limit (dB)	56.4	50.0	11.5	6.1
Worst Pair	36	45	36	36
PS ACR-N (dB)	19.6	8.3	34.1	20.7
Freq. (MHz)	1.8	3.6	82.0	100.0
Limit (dB)	53.4	47.0	7.0	3.1



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	36	12	36
RL (dB)	12.3	12.1	14.9	12.2
Freq. (MHz)	39.5	30.9	79.3	98.0
Limit (dB)	14.0	15.1	11.0	10.1





Cable ID: SALA POLIVALENTE PTO 89

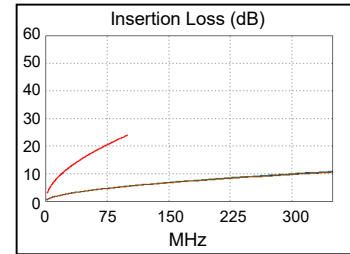
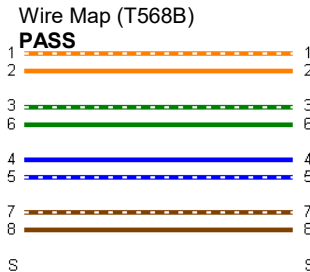
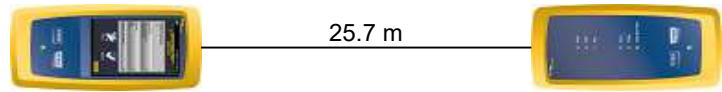
Test Summary: PASS

Date / Time: 08/22/2018 02:07:21 PM
Headroom 15.2 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

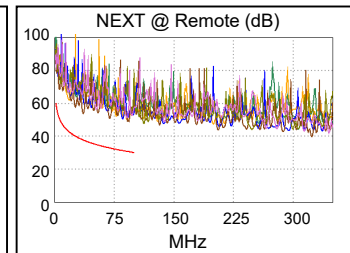
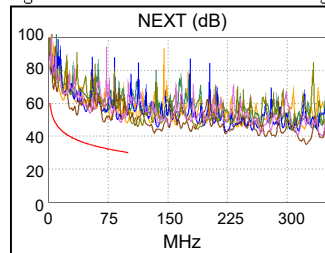
Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

Length (m), Limit 100.0	[Pair 78]	25.7
Prop. Delay (ns), Limit 555	[Pair 45]	131
Delay Skew (ns), Limit 50	[Pair 45]	5
Resistance (ohms)	[Pair 45]	4.81
Insertion Loss Margin (dB)	[Pair 36]	18.5
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0

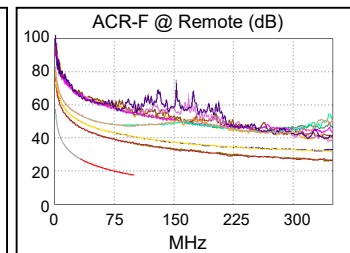
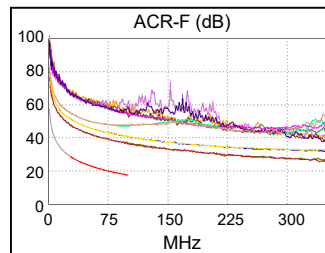


Worst Case Margin Worst Case Value

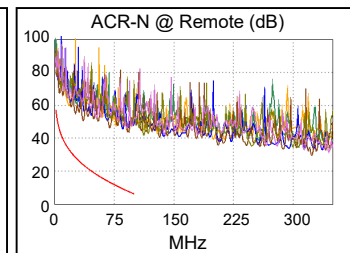
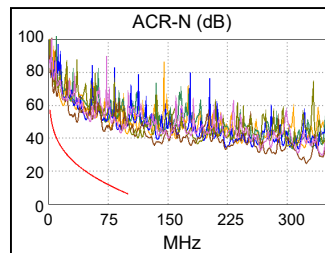
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	12-36	36-45
NEXT (dB)	15.2	16.1	18.0	18.4
Freq. (MHz)	35.5	36.0	98.8	93.0
Limit (dB)	37.8	37.7	30.2	30.6
Worst Pair	36	36	78	36
PS NEXT (dB)	17.6	18.7	18.6	19.2
Freq. (MHz)	35.5	35.8	91.5	92.3
Limit (dB)	34.8	34.7	27.7	27.7



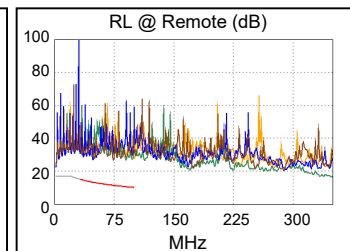
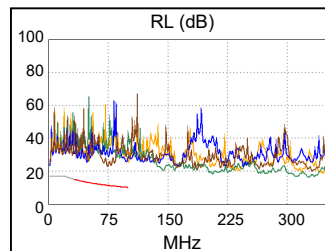
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	45-36	36-45
ACR-F (dB)	18.7	18.6	18.8	18.9
Freq. (MHz)	3.3	3.0	100.0	100.0
Limit (dB)	47.2	47.9	17.4	17.4
Worst Pair	45	45	36	45
PS ACR-F (dB)	20.9	21.0	21.7	21.5
Freq. (MHz)	3.1	30.4	100.0	100.0
Limit (dB)	44.5	24.8	14.4	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	12-36	36-45
ACR-N (dB)	22.4	22.0	36.4	36.3
Freq. (MHz)	6.0	5.6	98.8	93.0
Limit (dB)	45.2	45.8	6.3	7.5
Worst Pair	45	36	12	36
PS ACR-N (dB)	24.6	24.5	37.8	36.9
Freq. (MHz)	6.0	6.0	98.8	92.3
Limit (dB)	42.2	42.2	3.3	4.7



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	45	78	36
RL (dB)	11.6	13.9	11.6	16.2
Freq. (MHz)	74.3	48.3	74.3	89.8
Limit (dB)	11.3	13.2	11.3	10.5



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive



Cable ID: SALA POLIVALENTE PTO 90

Date / Time: 08/22/2018 02:08:08 PM
Headroom -0.7 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

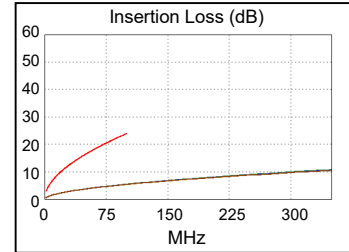
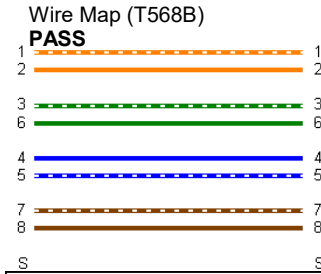
Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Test Summary: FAIL

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

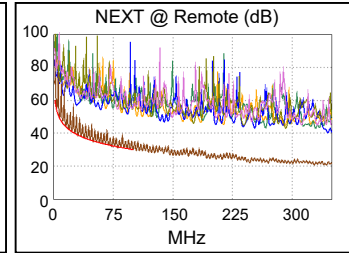
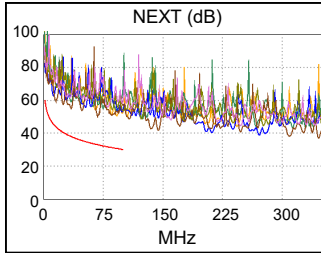
Length (m), Limit 100.0	[Pair 78]	25.9
Prop. Delay (ns), Limit 555	[Pair 45]	131
Delay Skew (ns), Limit 50	[Pair 45]	4
Resistance (ohms)	[Pair 45]	4.82
Insertion Loss Margin (dB)	[Pair 36]	18.5
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0

Patch Cable BAD or Patch Cable too short

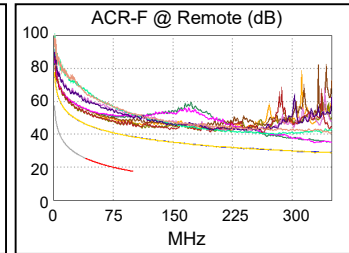
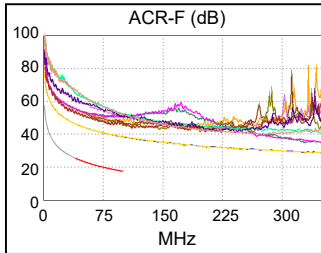


Worst Case Margin Worst Case Value

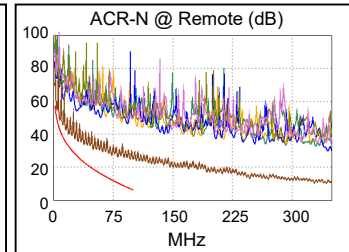
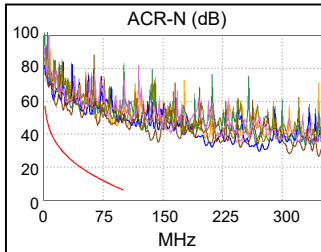
	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	15.8	-0.7F	17.1	0.0
Freq. (MHz)	15.5	80.8	67.8	100.0
Limit (dB)	43.8	31.7	33.0	30.1
Worst Pair	45	36	36	36
PS NEXT (dB)	18.1	2.3	19.1	3.0
Freq. (MHz)	34.5	80.8	85.8	100.0
Limit (dB)	35.0	28.7	28.2	27.1



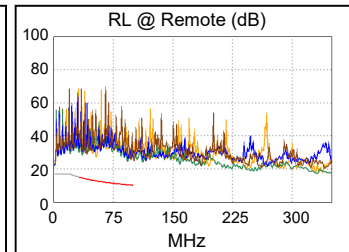
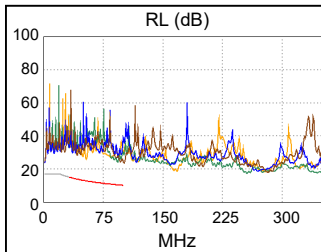
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-78	78-12	12-78	12-78
ACR-F (dB)	20.2	20.2	21.0	21.0
Freq. (MHz)	3.3	3.3	100.0	100.0
Limit (dB)	47.2	47.2	17.4	17.4
Worst Pair	12	12	12	12
PS ACR-F (dB)	21.8	22.1	23.4	23.5
Freq. (MHz)	1.4	3.3	100.0	99.8
Limit (dB)	51.6	44.2	14.4	14.4



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-78	36-45	12-36	36-45
ACR-N (dB)	21.3	5.5	37.5	18.6
Freq. (MHz)	1.9	3.8	92.0	100.0
Limit (dB)	55.8	49.7	7.8	6.1
Worst Pair	78	36	36	36
PS ACR-N (dB)	23.3	8.5	36.0	21.5
Freq. (MHz)	2.0	3.8	85.8	100.0
Limit (dB)	52.3	46.7	6.2	3.1



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	36	36	36
RL (dB)	13.1	14.0	13.7	14.1
Freq. (MHz)	53.8	36.0	93.0	93.0
Limit (dB)	12.7	14.4	10.3	10.3





Cable ID: SALA POLIVALENTE PTO 91

Date / Time: 08/22/2018 02:08:54 PM
Headroom -0.9 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

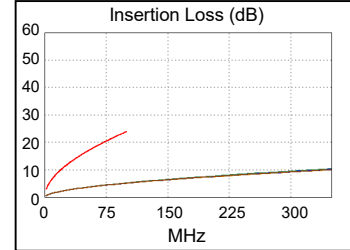
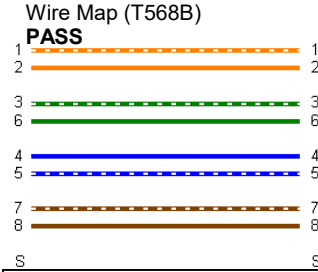
Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Test Summary: FAIL

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

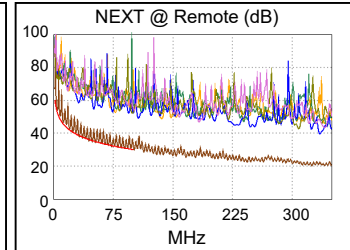
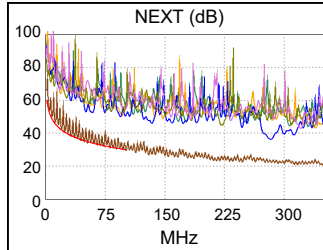
Length (m), Limit 100.0	[Pair 78]	24.5
Prop. Delay (ns), Limit 555	[Pair 45]	124
Delay Skew (ns), Limit 50	[Pair 36]	4
Resistance (ohms)	[Pair 45]	4.57
Insertion Loss Margin (dB)	[Pair 36]	18.8
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0

Patch Cable BAD or Patch Cable too short

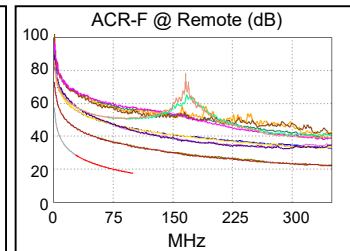
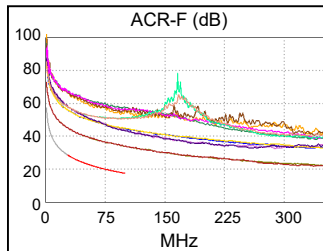


Worst Case Margin Worst Case Value

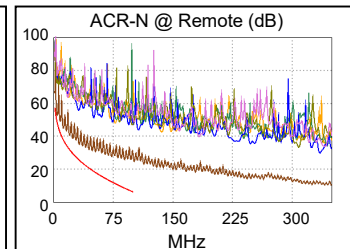
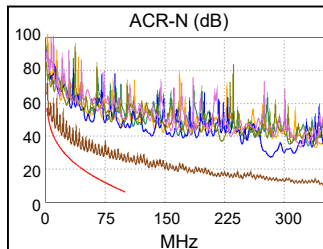
	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	-0.7F	-0.9F	-0.2	-0.2
Freq. (MHz)	52.5	44.3	97.3	89.3
Limit (dB)	34.9	36.1	30.3	30.9
Worst Pair	36	36	36	36
PS NEXT (dB)	2.3	2.1	2.8	2.8
Freq. (MHz)	52.5	44.3	97.3	89.3
Limit (dB)	31.9	33.1	27.3	27.9



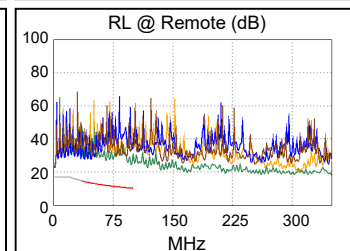
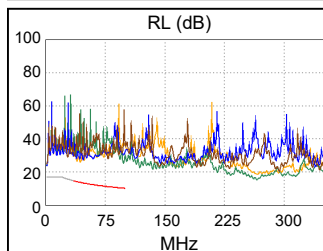
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	15.4	15.4	16.2	16.1
Freq. (MHz)	1.5	1.8	99.0	99.0
Limit (dB)	53.9	52.5	17.5	17.5
Worst Pair	45	36	36	36
PS ACR-F (dB)	18.1	18.1	19.0	18.7
Freq. (MHz)	1.4	1.4	99.8	99.0
Limit (dB)	51.6	51.6	14.4	14.5



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	4.3	4.4	18.4	19.2
Freq. (MHz)	4.3	4.3	97.3	97.3
Limit (dB)	48.5	48.5	6.6	6.6
Worst Pair	36	36	36	36
PS ACR-N (dB)	7.2	7.3	21.3	22.1
Freq. (MHz)	4.1	4.1	97.3	97.3
Limit (dB)	45.8	45.8	3.6	3.6



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	45	36	36
RL (dB)	12.2	13.7	15.2	14.3
Freq. (MHz)	43.5	38.8	98.0	97.8
Limit (dB)	13.6	14.1	10.1	10.1





Cable ID: SALA POLIVALENTE PTO 92

Date / Time: 08/22/2018 02:09:48 PM
Headroom -1.9 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

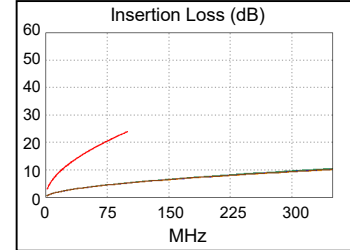
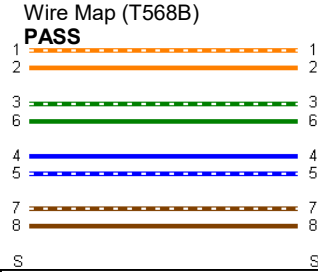
Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Test Summary: FAIL

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

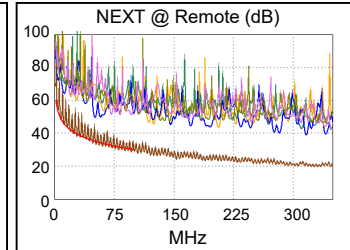
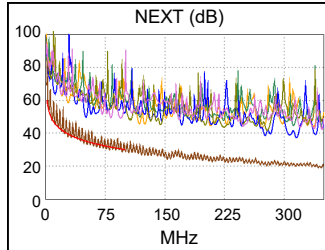
Length (m), Limit 100.0	[Pair 78]	24.7
Prop. Delay (ns), Limit 555	[Pair 45]	125
Delay Skew (ns), Limit 50	[Pair 36]	4
Resistance (ohms)	[Pair 45]	4.61
Insertion Loss Margin (dB)	[Pair 36]	18.7
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0

Patch Cable BAD or Patch Cable too short

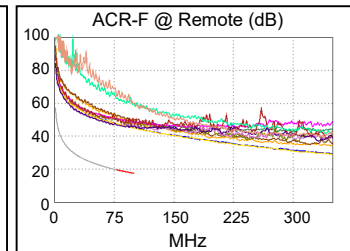
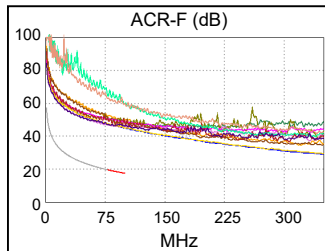


Worst Case Margin Worst Case Value

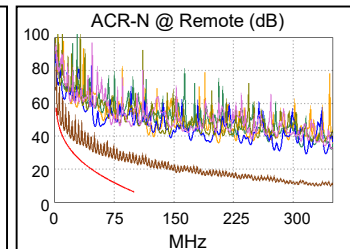
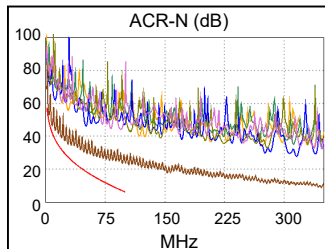
	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	-1.9F	-1.8F	-1.6	-1.5
Freq. (MHz)	52.0	80.5	96.5	96.5
Limit (dB)	35.0	31.7	30.3	30.3
Worst Pair	36	36	36	36
PS NEXT (dB)	1.1	1.2	1.4	1.5
Freq. (MHz)	52.0	80.5	96.5	96.5
Limit (dB)	32.0	28.7	27.3	27.3



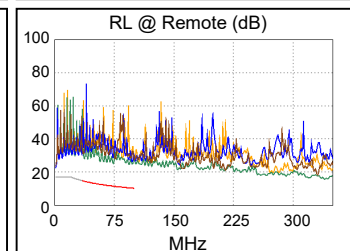
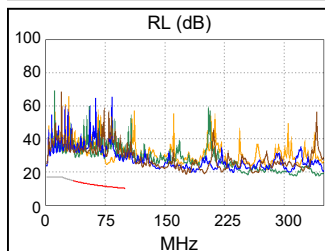
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	78-36	36-78	12-78	12-78
ACR-F (dB)	26.4	26.4	27.5	27.7
Freq. (MHz)	24.1	24.1	99.0	100.0
Limit (dB)	29.8	29.8	17.5	17.4
Worst Pair	36	36	78	12
PS ACR-F (dB)	26.4	26.4	27.7	27.9
Freq. (MHz)	3.0	3.5	98.8	98.8
Limit (dB)	44.9	43.5	14.5	14.5



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	4.1	4.1	16.8	16.9
Freq. (MHz)	8.0	4.0	96.5	96.5
Limit (dB)	42.3	49.1	6.8	6.8
Worst Pair	36	36	36	36
PS ACR-N (dB)	7.0	7.0	19.7	19.8
Freq. (MHz)	4.0	4.0	96.5	96.5
Limit (dB)	46.1	46.1	3.8	3.8



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	36	12	36
RL (dB)	13.3	13.6	13.3	14.3
Freq. (MHz)	76.5	73.8	76.5	93.8
Limit (dB)	11.2	11.3	11.2	10.3





Cable ID: SALA POLIVALENTE PTO 93

Date / Time: 08/22/2018 02:11:12 PM
Headroom -0.7 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

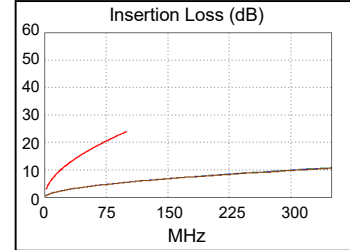
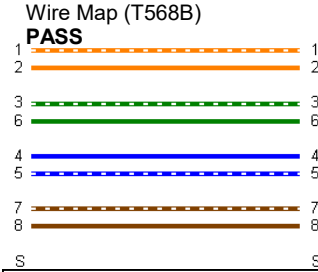
Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Test Summary: FAIL

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

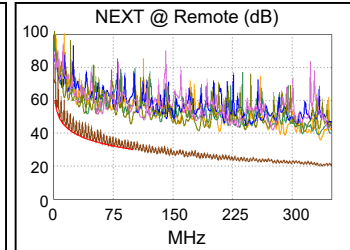
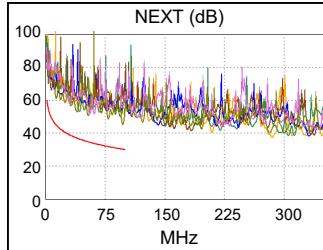
Length (m), Limit 100.0	[Pair 78]	26.1
Prop. Delay (ns), Limit 555	[Pair 45]	132
Delay Skew (ns), Limit 50	[Pair 45]	4
Resistance (ohms)	[Pair 45]	4.86
Insertion Loss Margin (dB)	[Pair 12]	18.5
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0

Patch Cable BAD or Patch Cable too short

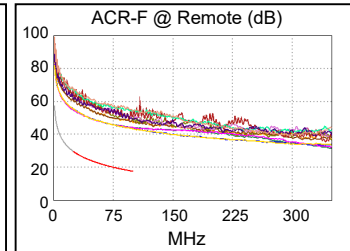
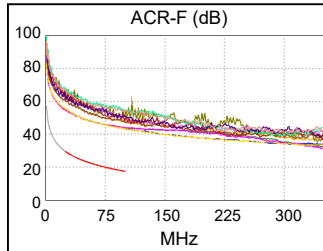


Worst Case Margin Worst Case Value

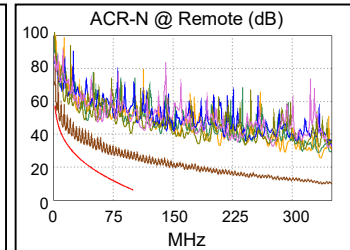
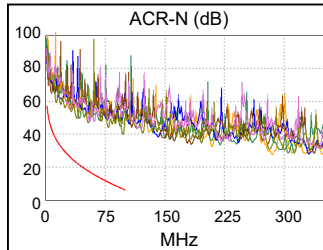
FAIL	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-45	36-78	36-45
NEXT (dB)	15.1	-0.7F	15.1	0.1
Freq. (MHz)	97.3	68.8	97.3	99.5
Limit (dB)	30.3	32.9	30.3	30.1
Worst Pair	78	36	36	36
PS NEXT (dB)	17.0	2.3	17.3	3.0
Freq. (MHz)	54.0	68.8	97.5	99.3
Limit (dB)	31.7	29.9	27.3	27.1



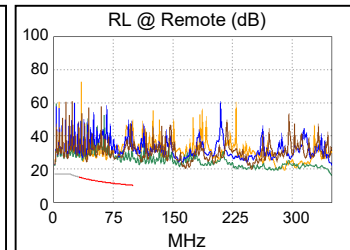
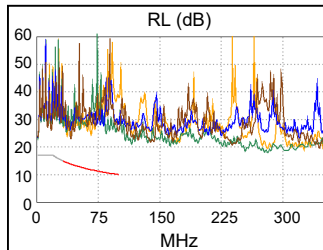
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-12	12-45	12-78	78-12
ACR-F (dB)	24.7	24.7	25.9	25.8
Freq. (MHz)	9.9	9.9	100.0	100.0
Limit (dB)	37.5	37.5	17.4	17.4
Worst Pair	12	12	12	12
PS ACR-F (dB)	24.1	24.0	25.2	25.5
Freq. (MHz)	1.6	2.0	100.0	100.0
Limit (dB)	50.2	48.4	14.4	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-78	36-45
ACR-N (dB)	21.1	5.0	33.4	18.5
Freq. (MHz)	3.0	3.8	97.3	99.5
Limit (dB)	51.7	49.7	6.6	6.2
Worst Pair	45	36	36	36
PS ACR-N (dB)	23.1	8.0	35.6	21.5
Freq. (MHz)	3.0	3.8	97.5	99.5
Limit (dB)	48.7	46.7	3.6	3.2



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	12	78	36
RL (dB)	9.2	10.1	9.2	13.3
Freq. (MHz)	41.8	37.0	41.8	84.8
Limit (dB)	13.8	14.3	13.8	10.7





Cable ID: SALA POLIVALENTE PTO 94

Date / Time: 08/22/2018 02:15:49 PM
Headroom -0.8 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

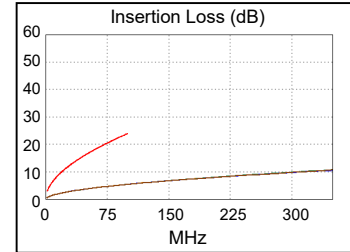
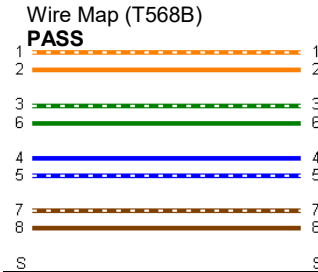
Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Test Summary: FAIL

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

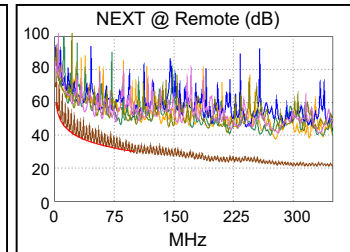
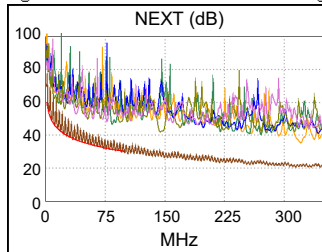
Length (m), Limit 100.0	[Pair 78]	26.1
Prop. Delay (ns), Limit 555	[Pair 45]	132
Delay Skew (ns), Limit 50	[Pair 45]	4
Resistance (ohms)	[Pair 45]	4.86
Insertion Loss Margin (dB)	[Pair 12]	18.5
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0

Patch Cable BAD or Patch Cable too short

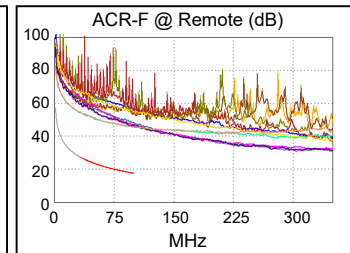
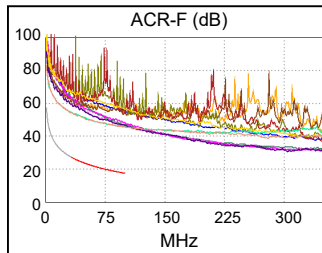


Worst Case Margin Worst Case Value

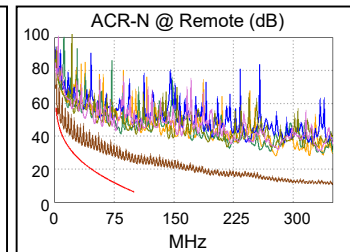
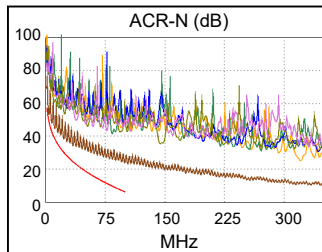
FAIL	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	-0.8F	-0.7F	-0.8	-0.7
Freq. (MHz)	99.5	99.5	99.5	99.5
Limit (dB)	30.1	30.1	30.1	30.1
Worst Pair	36	36	36	36
PS NEXT (dB)	2.2	2.3	2.2	2.3
Freq. (MHz)	99.5	99.5	99.5	99.5
Limit (dB)	27.1	27.1	27.1	27.1



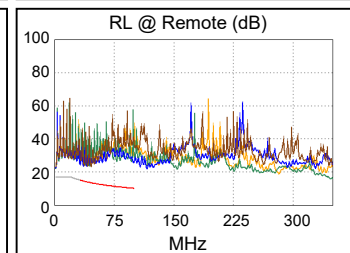
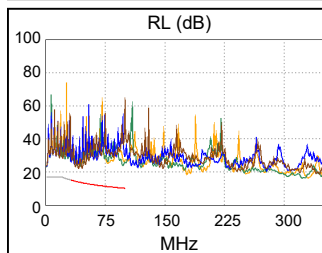
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	45-78	78-45
ACR-F (dB)	26.4	26.4	27.9	28.2
Freq. (MHz)	5.8	14.5	97.0	100.0
Limit (dB)	42.2	34.2	17.7	17.4
Worst Pair	78	45	78	78
PS ACR-F (dB)	27.6	27.6	28.3	28.6
Freq. (MHz)	1.0	1.0	100.0	100.0
Limit (dB)	54.4	54.4	14.4	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	4.0	4.1	17.7	17.8
Freq. (MHz)	3.8	3.8	99.5	99.5
Limit (dB)	49.7	49.7	6.2	6.2
Worst Pair	36	36	36	36
PS ACR-N (dB)	7.0	7.1	20.6	20.7
Freq. (MHz)	3.8	3.8	99.5	99.5
Limit (dB)	46.7	46.7	3.2	3.2



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	45	78	78
RL (dB)	8.2	9.1	8.3	9.9
Freq. (MHz)	41.3	36.3	41.5	45.8
Limit (dB)	13.9	14.4	13.8	13.4





Cable ID: SALA POLIVALENTE PTO 95

Date / Time: 08/22/2018 02:16:54 PM
Headroom -1.2 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

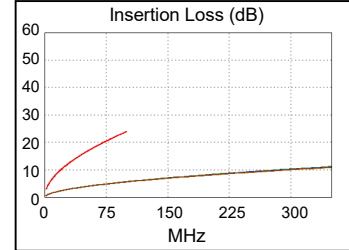
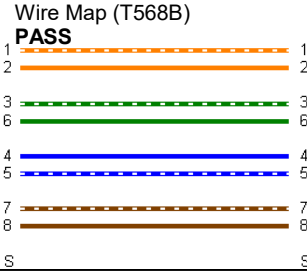
Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Test Summary: FAIL

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

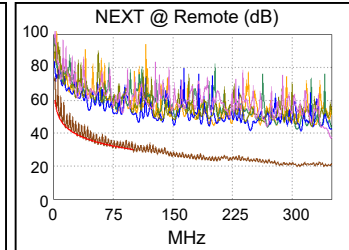
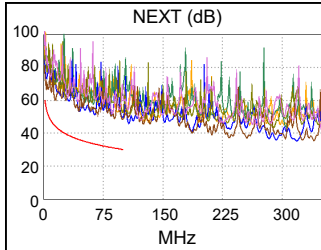
Length (m), Limit 100.0	[Pair 78]	26.7
Prop. Delay (ns), Limit 555	[Pair 45]	135
Delay Skew (ns), Limit 50	[Pair 36]	4
Resistance (ohms)	[Pair 45]	4.98
Insertion Loss Margin (dB)	[Pair 36]	18.3
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0

Patch Cable BAD or Patch Cable too short

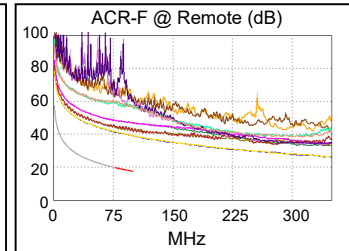
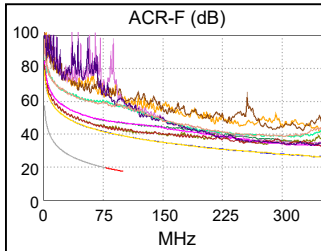


Worst Case Margin Worst Case Value

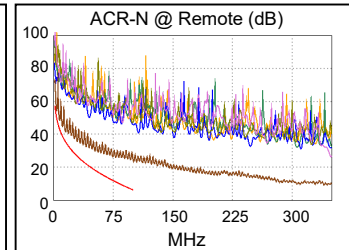
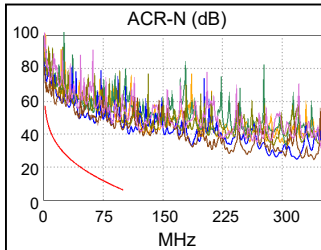
FAIL	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	13.2	-1.2F	18.2	-0.6
Freq. (MHz)	2.8	74.5	99.3	100.0
Limit (dB)	56.2	32.3	30.1	30.1
Worst Pair	36	36	36	36
PS NEXT (dB)	16.1	1.8	18.8	2.4
Freq. (MHz)	2.8	74.5	99.3	100.0
Limit (dB)	53.2	29.3	27.1	27.1



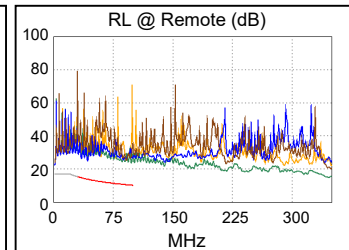
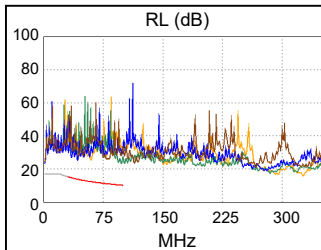
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	78-12	12-78
ACR-F (dB)	21.5	21.5	21.6	21.6
Freq. (MHz)	98.3	98.3	100.0	100.0
Limit (dB)	17.6	17.6	17.4	17.4
Worst Pair	12	12	12	12
PS ACR-F (dB)	22.8	23.3	24.0	23.9
Freq. (MHz)	1.4	1.9	100.0	99.3
Limit (dB)	51.6	48.9	14.4	14.5



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	16.1	4.6	36.5	17.8
Freq. (MHz)	2.8	3.5	99.3	100.0
Limit (dB)	52.5	50.3	6.2	6.1
Worst Pair	36	36	36	36
PS ACR-N (dB)	19.0	7.5	37.0	20.7
Freq. (MHz)	2.8	3.5	99.3	100.0
Limit (dB)	49.5	47.3	3.2	3.1



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	36	36
RL (dB)	11.5	11.2	13.1	13.5
Freq. (MHz)	42.8	42.8	97.8	97.8
Limit (dB)	13.7	13.7	10.1	10.1





Cable ID: SALA POLIVALENTE PTO 96

Date / Time: 08/22/2018 02:18:25 PM
Headroom -1.4 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

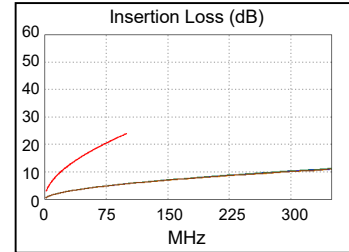
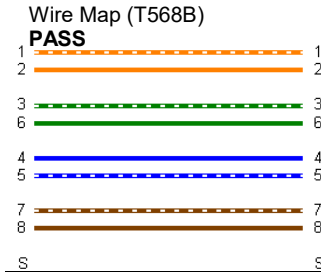
Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Test Summary: FAIL

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

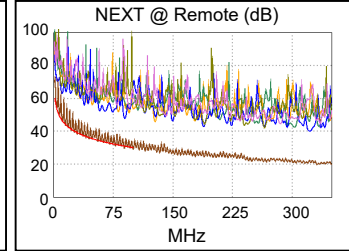
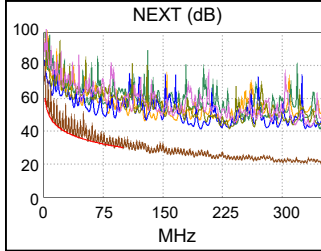
Length (m), Limit 100.0	[Pair 78]	26.7
Prop. Delay (ns), Limit 555	[Pair 45]	136
Delay Skew (ns), Limit 50	[Pair 45]	5
Resistance (ohms)	[Pair 45]	5.01
Insertion Loss Margin (dB)	[Pair 36]	18.3
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0

Patch Cable BAD or Patch Cable too short

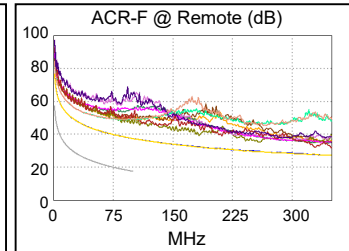
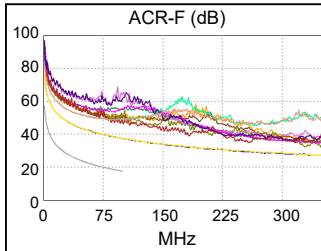


Worst Case Margin Worst Case Value

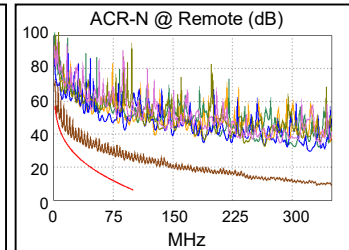
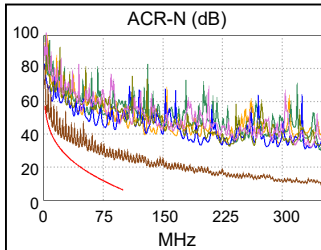
	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	-1.2F	-1.4F	-0.5	-1.0
Freq. (MHz)	89.0	89.0	100.0	100.0
Limit (dB)	31.0	31.0	30.1	30.1
Worst Pair	36	36	36	36
PS NEXT (dB)	1.8	1.6	2.5	2.0
Freq. (MHz)	89.0	89.0	100.0	100.0
Limit (dB)	28.0	28.0	27.1	27.1



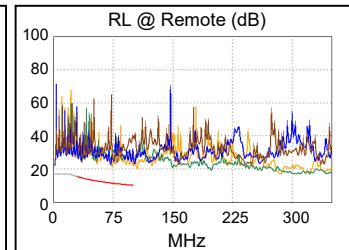
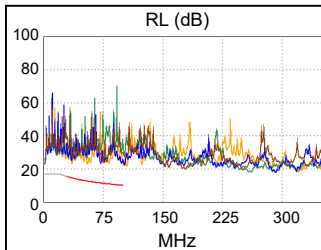
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-78	78-12	12-78	78-12
ACR-F (dB)	19.3	19.3	19.8	19.8
Freq. (MHz)	4.4	4.4	99.3	99.3
Limit (dB)	44.6	44.6	17.5	17.5
Worst Pair	78	12	78	12
PS ACR-F (dB)	21.4	21.5	22.5	22.5
Freq. (MHz)	4.4	1.1	99.3	99.3
Limit (dB)	41.6	53.4	14.5	14.5



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	3.6	3.3	17.9	17.4
Freq. (MHz)	3.6	3.6	100.0	100.0
Limit (dB)	50.0	50.0	6.1	6.1
Worst Pair	36	36	36	36
PS ACR-N (dB)	6.6	6.3	20.8	20.3
Freq. (MHz)	3.6	3.6	100.0	100.0
Limit (dB)	47.0	47.0	3.1	3.1



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	12	12
RL (dB)	8.7	9.1	12.8	10.2
Freq. (MHz)	35.8	35.5	100.0	73.5
Limit (dB)	14.5	14.5	10.0	11.3





Cable ID: SALA POLIVALENTE PTO 97

Date / Time: 08/22/2018 02:19:48 PM
Headroom -1.5 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

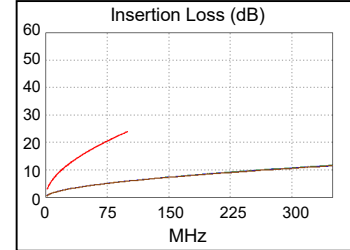
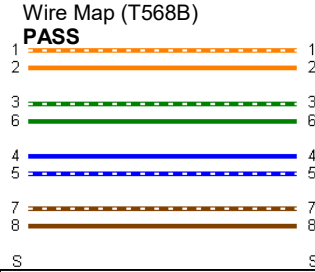
Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Test Summary: FAIL

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

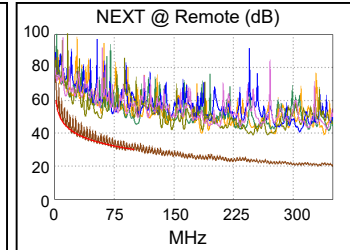
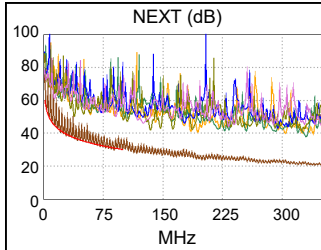
Length (m), Limit 100.0	[Pair 78]	28.1
Prop. Delay (ns), Limit 555	[Pair 45]	142
Delay Skew (ns), Limit 50	[Pair 45]	4
Resistance (ohms)	[Pair 45]	5.25
Insertion Loss Margin (dB)	[Pair 12]	18.1
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0

Patch Cable BAD or Patch Cable too short

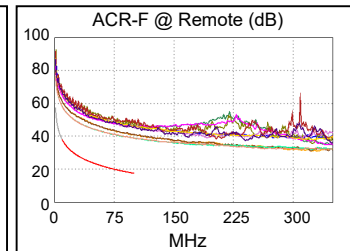
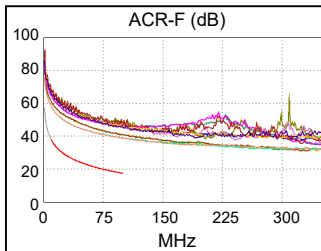


Worst Case Margin Worst Case Value

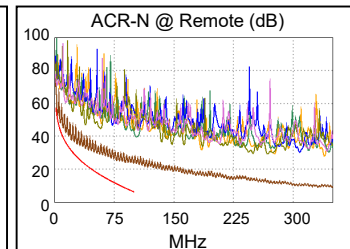
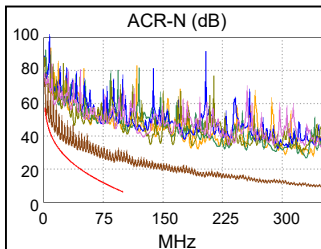
FAIL	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	-1.2F	-1.5F	-1.2	-0.5
Freq. (MHz)	88.8	77.8	88.8	99.3
Limit (dB)	31.0	32.0	31.0	30.1
Worst Pair	36	36	36	36
PS NEXT (dB)	1.8	1.5	1.8	2.5
Freq. (MHz)	88.8	77.8	88.8	99.3
Limit (dB)	28.0	29.0	28.0	27.1



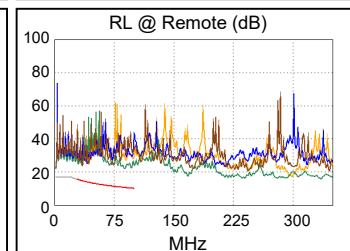
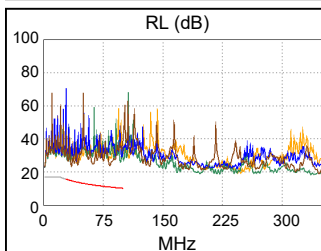
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-78	78-45	45-78	45-78
ACR-F (dB)	19.4	19.3	21.5	21.5
Freq. (MHz)	2.6	2.6	100.0	100.0
Limit (dB)	49.0	49.0	17.4	17.4
Worst Pair	45	78	78	78
PS ACR-F (dB)	21.1	21.1	23.0	23.0
Freq. (MHz)	1.3	1.3	100.0	100.0
Limit (dB)	52.5	52.5	14.4	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	3.0	2.9	15.8	17.5
Freq. (MHz)	3.4	3.4	88.8	99.3
Limit (dB)	50.7	50.7	8.5	6.2
Worst Pair	36	45	36	36
PS ACR-N (dB)	5.9	5.8	18.7	20.5
Freq. (MHz)	3.4	3.4	88.8	99.3
Limit (dB)	47.7	47.7	5.5	3.2



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	78	78	36
RL (dB)	8.8	9.1	8.8	11.5
Freq. (MHz)	35.0	34.8	35.0	88.5
Limit (dB)	14.6	14.6	14.6	10.5





Cable ID: SALA POLIVALENTE PTO 98

Date / Time: 08/22/2018 02:21:09 PM
Headroom -0.4 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

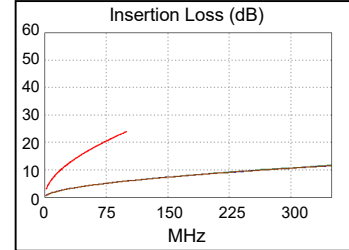
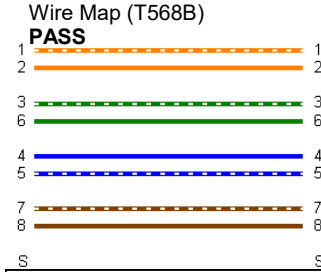
Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Test Summary: FAIL

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

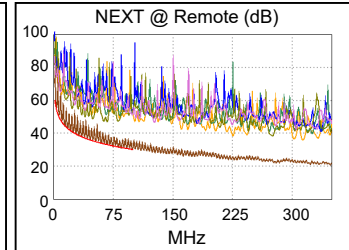
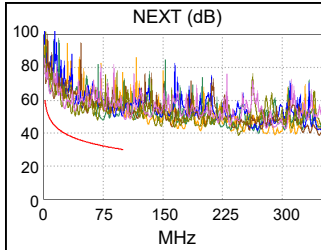
Length (m), Limit 100.0	[Pair 78]	28.3
Prop. Delay (ns), Limit 555	[Pair 45]	142
Delay Skew (ns), Limit 50	[Pair 36]	3
Resistance (ohms)	[Pair 45]	5.26
Insertion Loss Margin (dB)	[Pair 12]	18.1
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0

Patch Cable BAD or Patch Cable too short

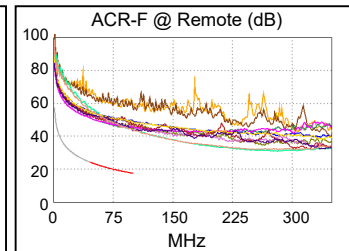
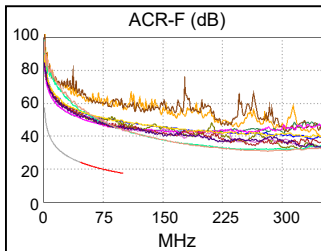


Worst Case Margin Worst Case Value

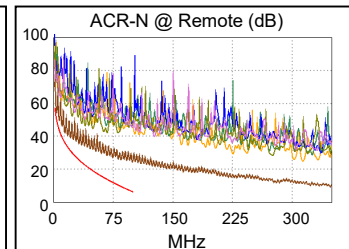
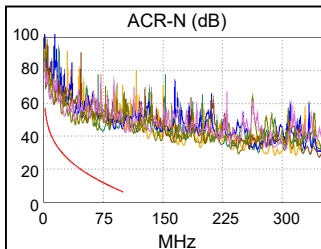
	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	36-78	36-45	12-45	36-45
NEXT (dB)	13.7	-0.4F	15.8	0.1
Freq. (MHz)	39.5	14.0	74.8	99.0
Limit (dB)	37.0	44.6	32.3	30.2
Worst Pair	78	36	12	36
PS NEXT (dB)	14.4	2.5	17.6	3.1
Freq. (MHz)	39.5	14.0	83.3	99.0
Limit (dB)	34.0	41.6	28.5	27.2



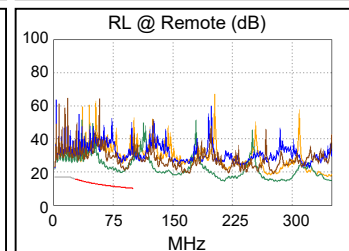
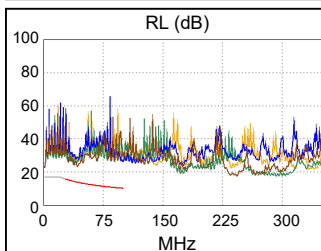
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-12	12-45	36-78	78-36
ACR-F (dB)	25.9	25.9	26.0	26.0
Freq. (MHz)	5.4	5.4	100.0	100.0
Limit (dB)	42.8	42.8	17.4	17.4
Worst Pair	78	45	78	45
PS ACR-F (dB)	25.6	25.2	25.6	25.5
Freq. (MHz)	100.0	84.8	100.0	99.8
Limit (dB)	14.4	15.8	14.4	14.4



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	36-45	12-45	36-45
ACR-N (dB)	18.8	4.6	31.2	18.1
Freq. (MHz)	2.9	3.4	74.8	99.0
Limit (dB)	52.1	50.7	11.8	6.3
Worst Pair	45	45	12	36
PS ACR-N (dB)	19.8	7.5	35.2	21.1
Freq. (MHz)	2.9	3.4	88.5	99.0
Limit (dB)	49.1	47.7	5.5	3.3



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	78	36	78	36
RL (dB)	9.6	8.8	9.6	8.8
Freq. (MHz)	42.5	85.3	42.5	85.3
Limit (dB)	13.7	10.7	13.7	10.7





Cable ID: SALA POLIVALENTE PTO 99

Date / Time: 08/22/2018 02:23:23 PM
Headroom -0.4 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

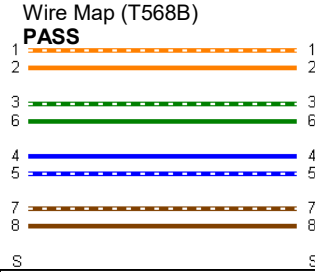
Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Test Summary: FAIL

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

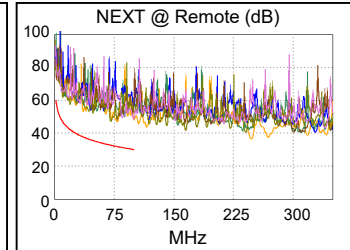
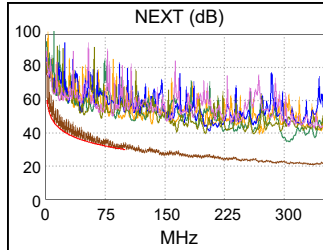
Length (m), Limit 100.0	[Pair 78]	36.3
Prop. Delay (ns), Limit 555	[Pair 45]	183
Delay Skew (ns), Limit 50	[Pair 45]	5
Resistance (ohms)	[Pair 45]	6.79
Insertion Loss Margin (dB)	[Pair 12]	16.3
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0

Patch Cable BAD or Patch Cable too short

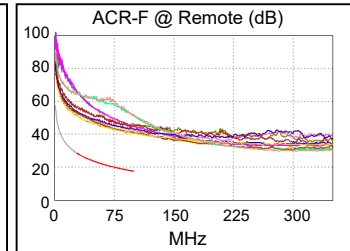
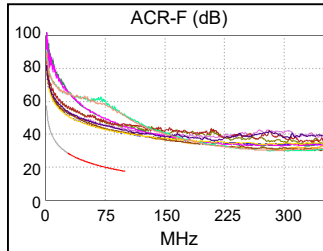


Worst Case Margin Worst Case Value

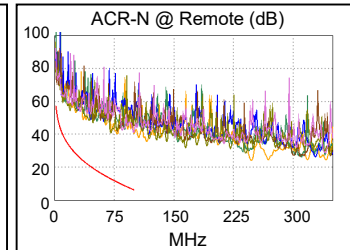
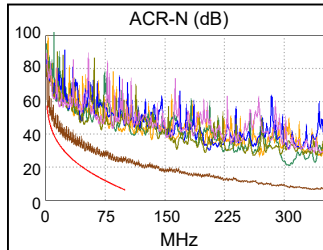
	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	36-45	36-78	36-45	12-36
NEXT (dB)	-0.4F	14.5	0.2	15.1
Freq. (MHz)	88.0	70.8	96.5	79.0
Limit (dB)	31.0	32.7	30.3	31.8
Worst Pair	45	36	36	36
PS NEXT (dB)	2.5	14.5	3.1	14.5
Freq. (MHz)	88.0	78.5	96.5	78.5
Limit (dB)	28.0	28.9	27.3	28.9



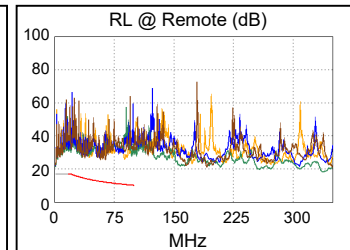
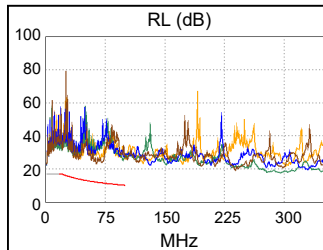
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-78	78-12	78-12	78-12
ACR-F (dB)	22.2	22.2	23.0	23.0
Freq. (MHz)	4.0	4.0	100.0	100.0
Limit (dB)	45.4	45.4	17.4	17.4
Worst Pair	12	12	12	12
PS ACR-F (dB)	22.1	22.2	22.5	22.4
Freq. (MHz)	1.4	90.3	100.0	100.0
Limit (dB)	51.6	15.3	14.4	14.4



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	36-45	36-45	12-36
ACR-N (dB)	4.2	18.2	16.2	29.5
Freq. (MHz)	2.8	1.8	96.5	79.0
Limit (dB)	52.5	56.4	6.8	10.7
Worst Pair	45	36	36	36
PS ACR-N (dB)	7.2	18.7	19.1	28.9
Freq. (MHz)	2.8	1.8	96.5	78.5
Limit (dB)	49.5	53.4	3.8	7.8



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	78	78	78	78
RL (dB)	11.0	12.4	11.1	13.7
Freq. (MHz)	63.8	35.0	64.0	63.8
Limit (dB)	12.0	14.6	11.9	12.0





Cable ID: SALA POLIVALENTE PTO 100

Date / Time: 08/22/2018 02:26:24 PM
Headroom -0.5 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

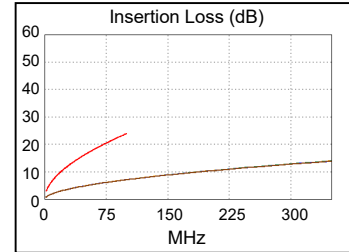
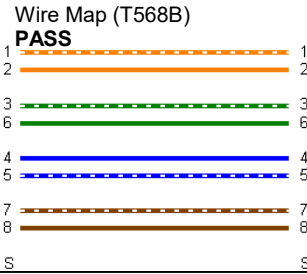
Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Test Summary: FAIL

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

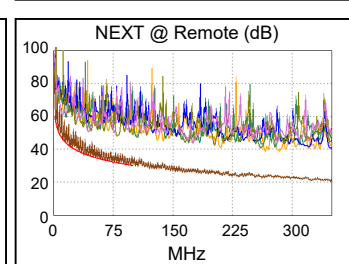
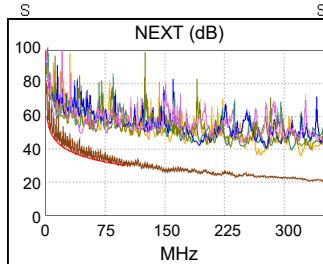
Length (m), Limit 100.0	[Pair 78]	34.0
Prop. Delay (ns), Limit 555	[Pair 45]	171
Delay Skew (ns), Limit 50	[Pair 36]	4
Resistance (ohms)	[Pair 45]	6.35
Insertion Loss Margin (dB)	[Pair 12]	16.8
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0

Patch Cable BAD or Patch Cable too short

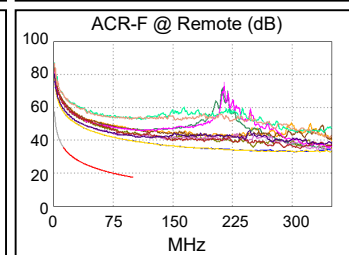
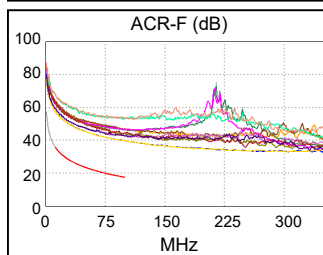


Worst Case Margin Worst Case Value

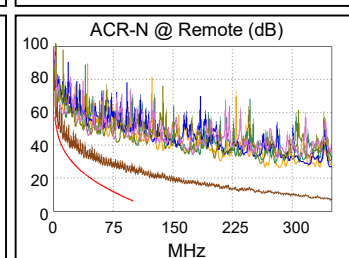
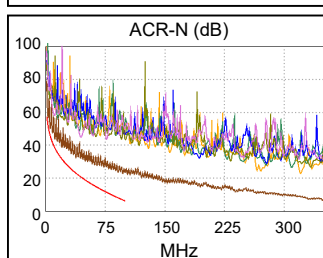
FAIL	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	-0.5F	-0.5F	-0.5	0.1
Freq. (MHz)	97.0	38.0	97.0	97.0
Limit (dB)	30.3	37.3	30.3	30.3
Worst Pair	45	36	36	36
PS NEXT (dB)	2.4	2.4	2.5	3.1
Freq. (MHz)	38.0	38.0	97.0	97.0
Limit (dB)	34.3	34.3	27.3	27.3



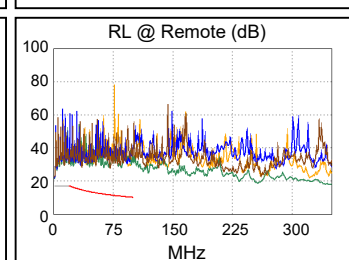
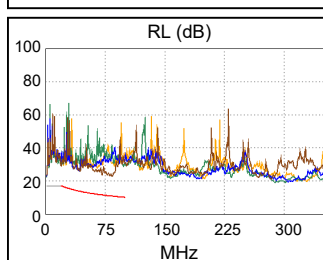
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	78-12	12-78	78-12
ACR-F (dB)	21.3	21.3	22.2	22.1
Freq. (MHz)	4.8	4.8	100.0	100.0
Limit (dB)	43.9	43.9	17.4	17.4
Worst Pair	78	78	78	78
PS ACR-F (dB)	21.7	21.4	23.3	23.3
Freq. (MHz)	2.6	1.5	100.0	100.0
Limit (dB)	46.0	50.9	14.4	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	4.7	4.7	16.1	16.7
Freq. (MHz)	5.8	5.8	97.0	97.0
Limit (dB)	45.6	45.6	6.7	6.7
Worst Pair	36	36	36	36
PS ACR-N (dB)	7.6	7.6	19.1	19.7
Freq. (MHz)	5.8	5.8	97.0	97.0
Limit (dB)	42.6	42.6	3.7	3.7



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	36	78	78
RL (dB)	11.9	12.7	11.9	16.3
Freq. (MHz)	83.8	21.6	83.8	71.0
Limit (dB)	10.8	16.7	10.8	11.5





Cable ID: SALA POLIVALENTE PTO 101

Date / Time: 08/22/2018 02:27:35 PM
Headroom -1.4 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

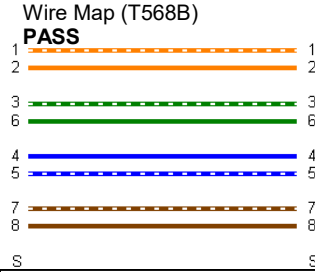
Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Test Summary: FAIL

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

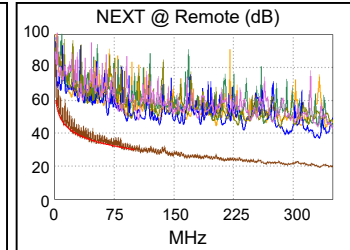
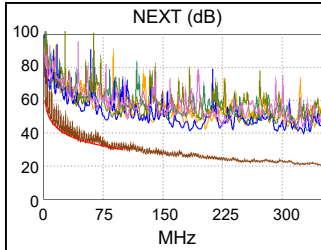
Length (m), Limit 100.0	[Pair 78]	34.0
Prop. Delay (ns), Limit 555	[Pair 45]	173
Delay Skew (ns), Limit 50	[Pair 45]	6
Resistance (ohms)	[Pair 45]	6.39
Insertion Loss Margin (dB)	[Pair 36]	16.7
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0

Patch Cable BAD or Patch Cable too short

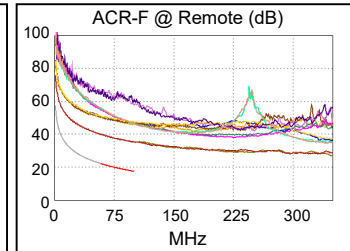
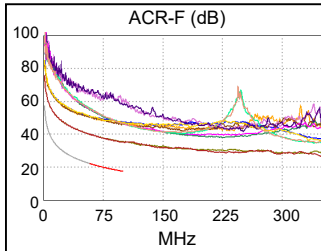


Worst Case Margin Worst Case Value

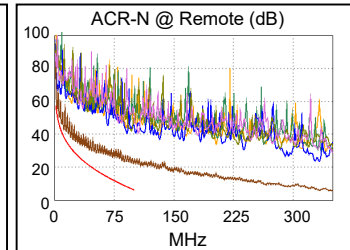
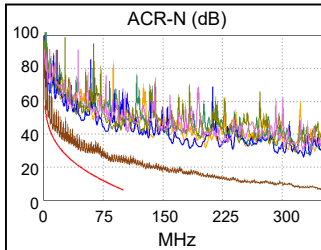
FAIL	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	-1.4F	-1.3F	-0.1	-0.9
Freq. (MHz)	84.3	43.5	99.3	99.3
Limit (dB)	31.4	36.3	30.1	30.1
Worst Pair	36	36	36	36
PS NEXT (dB)	1.6	1.7	2.9	2.1
Freq. (MHz)	84.3	43.5	99.3	99.3
Limit (dB)	28.4	33.3	27.1	27.1



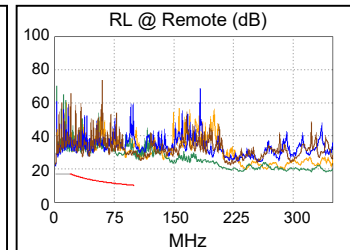
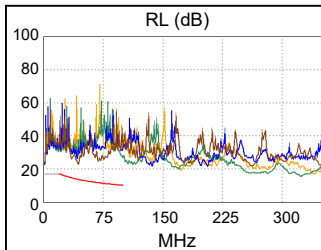
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	16.9	16.9	17.7	17.8
Freq. (MHz)	2.3	2.3	100.0	100.0
Limit (dB)	50.4	50.4	17.4	17.4
Worst Pair	36	36	36	45
PS ACR-F (dB)	19.6	19.7	20.4	20.2
Freq. (MHz)	2.3	2.3	100.0	100.0
Limit (dB)	47.4	47.4	14.4	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	3.7	3.7	16.6	15.8
Freq. (MHz)	2.8	2.9	99.3	99.3
Limit (dB)	52.5	52.1	6.2	6.2
Worst Pair	36	36	36	36
PS ACR-N (dB)	6.7	6.7	19.6	18.8
Freq. (MHz)	2.8	2.9	99.3	99.3
Limit (dB)	49.5	49.1	3.2	3.2



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	78	78	12
RL (dB)	9.2	13.0	9.2	16.4
Freq. (MHz)	43.5	35.0	43.5	89.3
Limit (dB)	13.6	14.6	13.6	10.5





Cable ID: SALA POLIVALENTE PTO 102

Date / Time: 08/22/2018 02:28:58 PM
Headroom -0.4 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

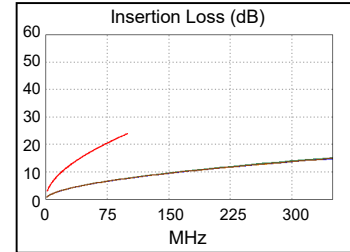
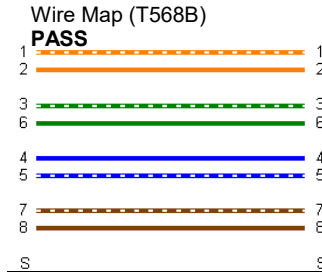
Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Test Summary: FAIL

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

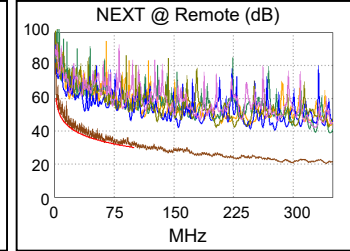
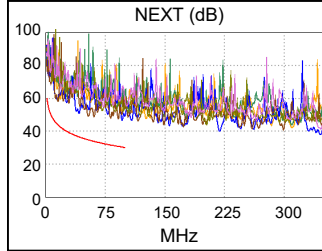
Length (m), Limit 100.0	[Pair 78]	36.3
Prop. Delay (ns), Limit 555	[Pair 45]	184
Delay Skew (ns), Limit 50	[Pair 45]	6
Resistance (ohms)	[Pair 45]	6.84
Insertion Loss Margin (dB)	[Pair 36]	16.3
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0

Patch Cable BAD or Patch Cable too short

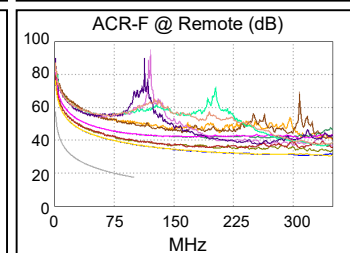
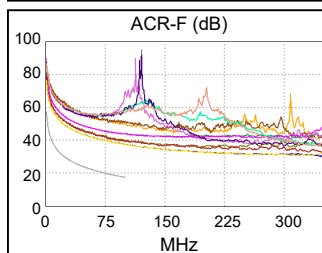


Worst Case Margin Worst Case Value

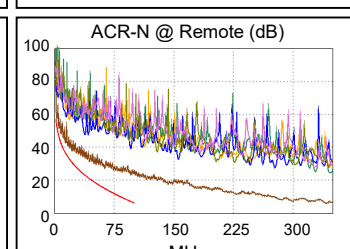
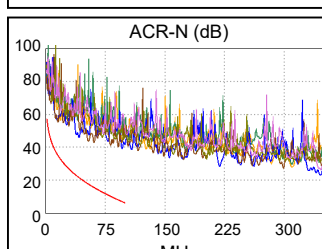
	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	12-78	36-45	12-78	36-45
NEXT (dB)	14.2	-0.4F	16.3	0.3
Freq. (MHz)	41.8	21.8	96.3	96.0
Limit (dB)	36.6	41.4	30.4	30.4
Worst Pair	12	36	12	36
PS NEXT (dB)	16.6	2.6	18.1	3.3
Freq. (MHz)	14.4	21.8	96.3	96.0
Limit (dB)	41.4	38.4	27.4	27.4



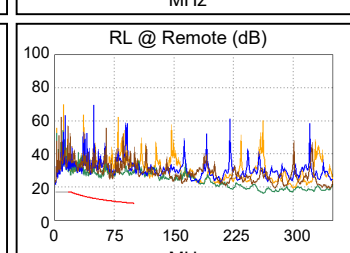
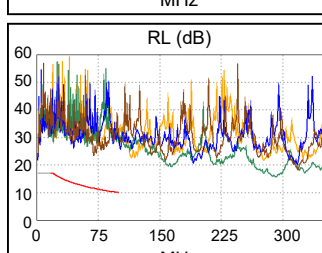
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-78	12-78	12-78	12-78
ACR-F (dB)	19.3	19.3	20.0	20.0
Freq. (MHz)	36.0	36.5	100.0	100.0
Limit (dB)	26.3	26.2	17.4	17.4
Worst Pair	12	12	12	12
PS ACR-F (dB)	20.1	20.5	22.0	22.0
Freq. (MHz)	1.4	1.1	99.8	100.0
Limit (dB)	51.6	53.4	14.4	14.4



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	36-45	12-78	36-45
ACR-N (dB)	20.0	5.1	32.4	16.3
Freq. (MHz)	12.1	2.5	96.3	96.0
Limit (dB)	37.8	53.4	6.8	6.9
Worst Pair	45	36	12	36
PS ACR-N (dB)	22.2	8.1	34.2	19.3
Freq. (MHz)	1.8	2.5	96.3	96.0
Limit (dB)	53.4	50.4	3.8	3.9



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36	36	78	78
RL (dB)	11.5	10.1	11.9	13.3
Freq. (MHz)	20.1	20.1	69.5	69.3
Limit (dB)	17.0	17.0	11.6	11.6





Cable ID: SALA POLIVALENTE PTO 103

Date / Time: 08/22/2018 02:30:45 PM
Headroom -1.3 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

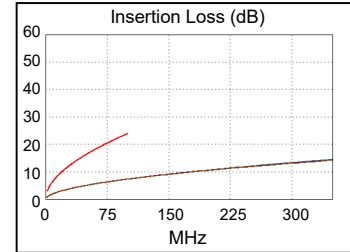
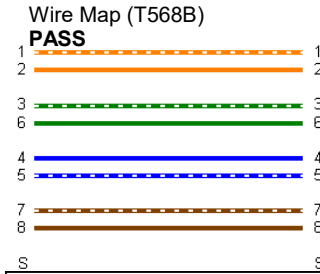
Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Test Summary: FAIL

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

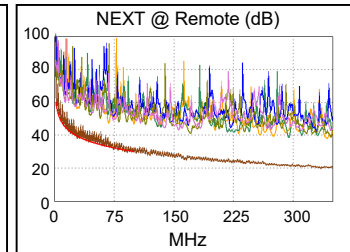
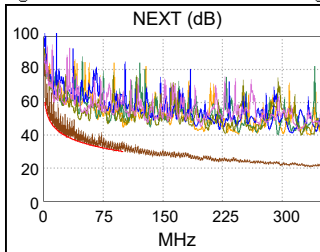
Length (m), Limit 100.0	[Pair 78]	35.1
Prop. Delay (ns), Limit 555	[Pair 45]	177
Delay Skew (ns), Limit 50	[Pair 45]	5
Resistance (ohms)	[Pair 45]	6.56
Insertion Loss Margin (dB)	[Pair 12]	16.6
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0

Patch Cable BAD or Patch Cable too short

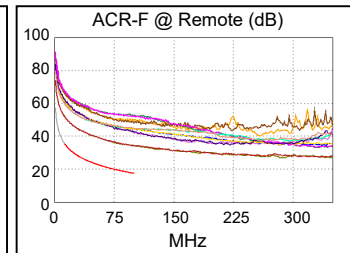
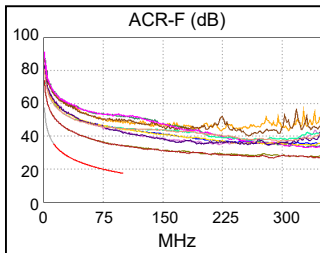


Worst Case Margin Worst Case Value

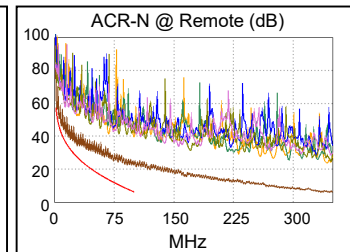
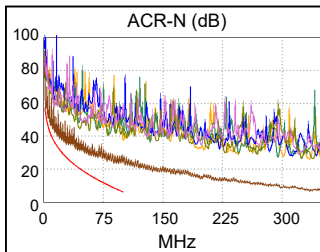
	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	-0.5F	-1.3F	-0.2	-1.1
Freq. (MHz)	28.4	28.4	91.3	91.3
Limit (dB)	39.4	39.4	30.8	30.8
Worst Pair	36	36	36	36
PS NEXT (dB)	2.5	1.6	2.7	1.8
Freq. (MHz)	28.4	28.4	91.3	91.3
Limit (dB)	36.4	36.4	27.8	27.8



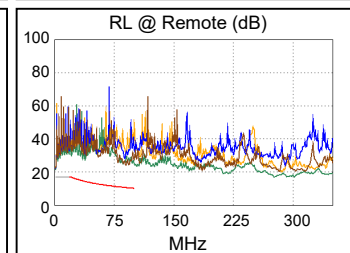
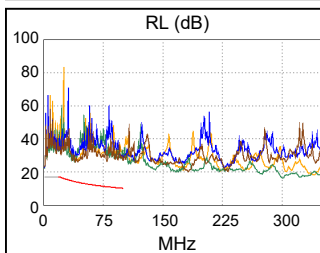
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	15.7	15.7	16.7	16.6
Freq. (MHz)	2.3	2.3	100.0	99.5
Limit (dB)	50.4	50.4	17.4	17.4
Worst Pair	36	45	36	36
PS ACR-F (dB)	18.0	18.0	18.9	19.1
Freq. (MHz)	2.3	2.3	100.0	100.0
Limit (dB)	47.4	47.4	14.4	14.4



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	4.9	4.5	16.3	16.5
Freq. (MHz)	8.4	8.4	94.3	99.8
Limit (dB)	41.8	41.8	7.3	6.1
Worst Pair	36	36	36	36
PS ACR-N (dB)	7.9	7.5	18.6	19.5
Freq. (MHz)	8.4	8.4	91.3	100.0
Limit (dB)	38.8	38.8	4.9	3.1



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	78	36	78	78
RL (dB)	12.0	12.9	12.0	13.5
Freq. (MHz)	39.8	21.1	39.8	89.8
Limit (dB)	14.0	16.8	14.0	10.5





Cable ID: SALA POLIVALENTE PTO 104

Date / Time: 08/22/2018 02:31:43 PM
Headroom -1.2 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

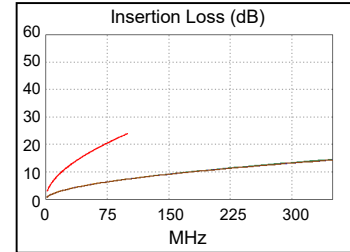
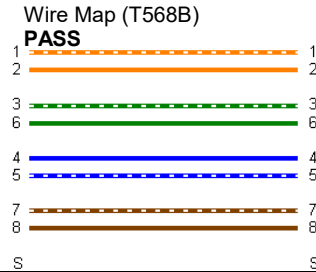
Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Test Summary: FAIL

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

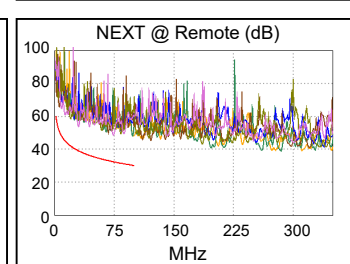
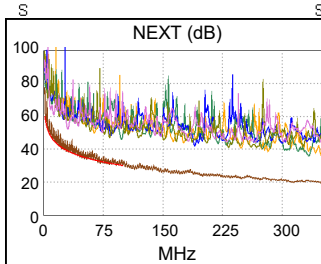
Length (m), Limit 100.0	[Pair 78]	35.1
Prop. Delay (ns), Limit 555	[Pair 45]	177
Delay Skew (ns), Limit 50	[Pair 45]	5
Resistance (ohms)	[Pair 45]	6.55
Insertion Loss Margin (dB)	[Pair 12]	16.6
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0

Patch Cable BAD or Patch Cable too short

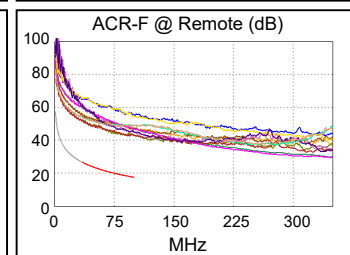
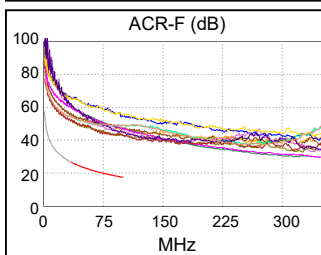


Worst Case Margin Worst Case Value

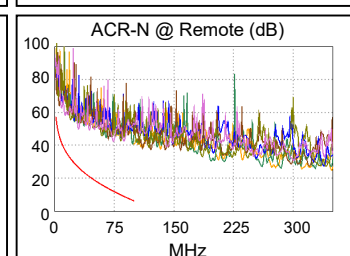
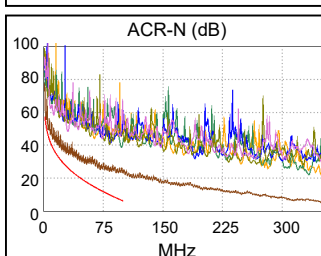
	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	36-45	36-45	36-45	12-36
NEXT (dB)	-1.2F	14.8	-0.6	17.9
Freq. (MHz)	71.3	5.8	91.3	99.0
Limit (dB)	32.6	51.0	30.8	30.2
Worst Pair	36	45	36	12
PS NEXT (dB)	1.8	16.1	2.4	17.7
Freq. (MHz)	71.3	29.4	91.3	98.3
Limit (dB)	29.6	36.2	27.8	27.2



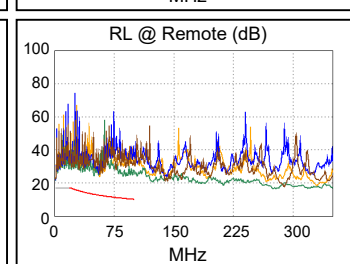
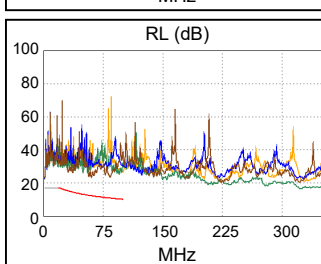
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	24.0	24.0	25.3	25.3
Freq. (MHz)	73.8	73.8	100.0	100.0
Limit (dB)	20.0	20.0	17.4	17.4
Worst Pair	45	45	36	36
PS ACR-F (dB)	24.6	24.7	25.5	25.5
Freq. (MHz)	2.5	2.6	100.0	100.0
Limit (dB)	46.4	46.0	14.4	14.4



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	36-45	36-45	12-36
ACR-N (dB)	3.5	17.9	17.1	34.7
Freq. (MHz)	2.8	2.5	100.0	99.8
Limit (dB)	52.5	53.4	6.1	6.1
Worst Pair	36	45	45	12
PS ACR-N (dB)	6.5	19.8	20.0	34.2
Freq. (MHz)	2.8	2.5	99.8	98.3
Limit (dB)	49.5	50.4	3.1	3.4



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	78	36	78	12
RL (dB)	11.1	11.2	11.1	11.3
Freq. (MHz)	60.0	49.5	60.0	56.5
Limit (dB)	12.2	13.1	12.2	12.5





Cable ID: SALA POLIVALENTE PTO 106

Date / Time: 08/22/2018 02:42:14 PM
Headroom -0.3 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

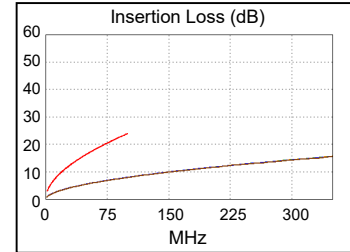
Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Test Summary: FAIL

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

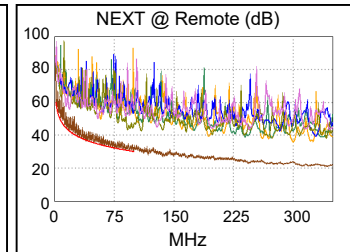
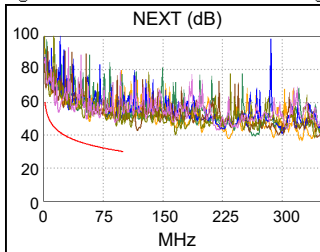
Length (m), Limit 100.0	[Pair 78]	38.3
Prop. Delay (ns), Limit 555	[Pair 45]	193
Delay Skew (ns), Limit 50	[Pair 45]	5
Resistance (ohms)	[Pair 45]	7.18
Insertion Loss Margin (dB)	[Pair 12]	15.9
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0

Patch Cable BAD or Patch Cable too short

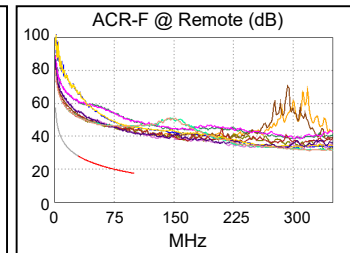
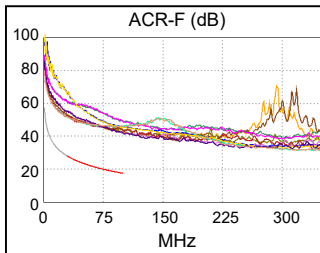


Worst Case Margin Worst Case Value

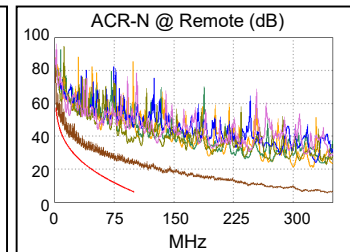
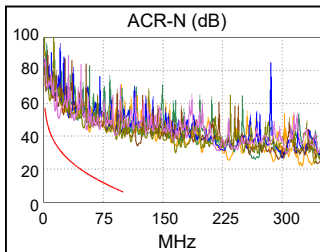
FAIL	MAIN	SR	MAIN	SR
Worst Pair	45-78	36-45	36-78	36-45
NEXT (dB)	11.7	-0.3F	15.1	0.6
Freq. (MHz)	18.9	39.0	91.5	99.3
Limit (dB)	42.4	37.1	30.7	30.1
Worst Pair	45	36	78	36
PS NEXT (dB)	13.8	2.7	15.7	3.5
Freq. (MHz)	18.6	39.0	91.3	99.3
Limit (dB)	39.5	34.1	27.8	27.1



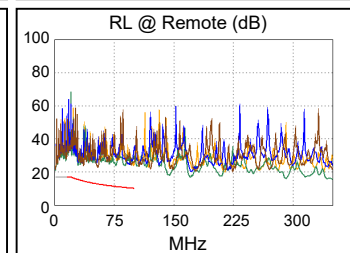
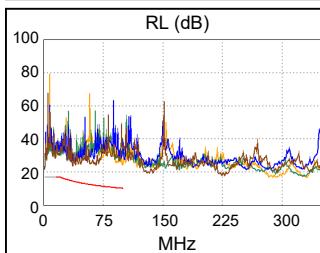
PASS	MAIN	SR	MAIN	SR
Worst Pair	78-45	45-78	78-36	36-78
ACR-F (dB)	22.7	22.7	24.4	24.4
Freq. (MHz)	4.8	4.8	100.0	100.0
Limit (dB)	43.9	43.9	17.4	17.4
Worst Pair	45	45	36	36
PS ACR-F (dB)	22.1	22.0	23.4	23.3
Freq. (MHz)	1.4	1.8	100.0	100.0
Limit (dB)	51.6	49.5	14.4	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-78	36-45
ACR-N (dB)	14.8	3.3	30.3	16.5
Freq. (MHz)	2.5	2.5	91.5	99.3
Limit (dB)	53.4	53.4	7.9	6.2
Worst Pair	36	45	78	36
PS ACR-N (dB)	16.5	6.3	31.0	19.5
Freq. (MHz)	2.5	2.5	91.3	99.3
Limit (dB)	50.4	50.4	4.9	3.2



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	36	78	78
RL (dB)	9.2	8.7	9.2	10.1
Freq. (MHz)	36.5	29.5	36.5	54.5
Limit (dB)	14.4	15.3	14.4	12.6





Cable ID: SALA POLIVALENTE PTO 105

Date / Time: 08/22/2018 02:44:13 PM
Headroom -0.5 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

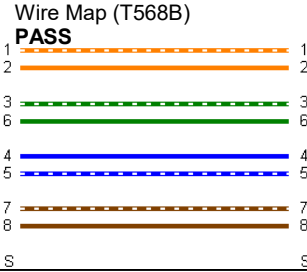
Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Test Summary: FAIL

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

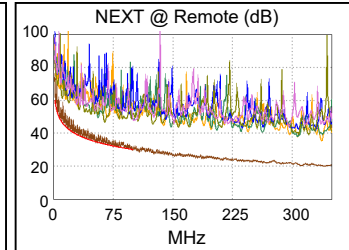
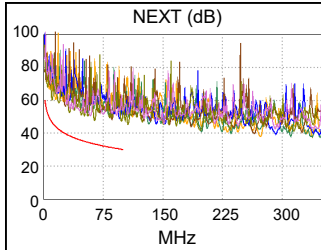
Length (m), Limit 100.0	[Pair 78]	38.1
Prop. Delay (ns), Limit 555	[Pair 45]	192
Delay Skew (ns), Limit 50	[Pair 45]	5
Resistance (ohms)	[Pair 45]	7.13
Insertion Loss Margin (dB)	[Pair 12]	16.0
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0

Patch Cable BAD or Patch Cable too short

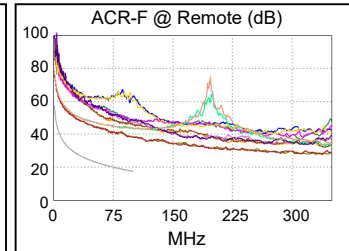
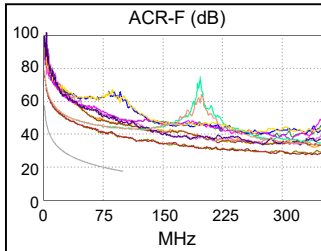


Worst Case Margin Worst Case Value

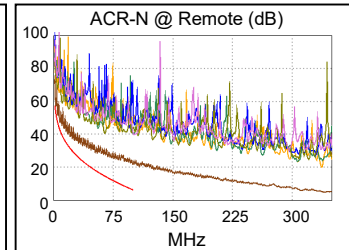
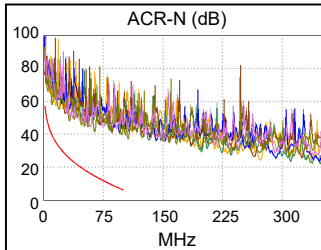
FAIL	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-45	36-78	36-45
NEXT (dB)	13.8	-0.5F	17.2	-0.5
Freq. (MHz)	10.6	99.5	98.0	99.5
Limit (dB)	46.6	30.1	30.2	30.1
Worst Pair	78	45	36	45
PS NEXT (dB)	14.9	2.4	17.7	2.4
Freq. (MHz)	32.8	99.8	85.8	99.8
Limit (dB)	35.4	27.1	28.2	27.1



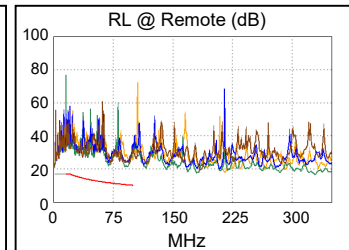
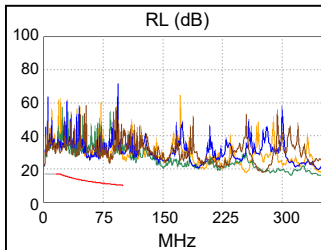
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	20.1	20.1	20.7	20.7
Freq. (MHz)	3.3	3.3	100.0	100.0
Limit (dB)	47.2	47.2	17.4	17.4
Worst Pair	45	45	45	45
PS ACR-F (dB)	20.1	20.1	22.3	22.5
Freq. (MHz)	1.0	1.0	100.0	100.0
Limit (dB)	54.4	54.4	14.4	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-45	36-78	36-45
ACR-N (dB)	18.6	4.5	33.2	15.4
Freq. (MHz)	10.5	2.6	98.3	99.5
Limit (dB)	39.4	52.9	6.4	6.2
Worst Pair	36	36	36	45
PS ACR-N (dB)	19.2	7.4	35.0	18.4
Freq. (MHz)	2.8	2.6	98.0	99.8
Limit (dB)	49.5	49.9	3.5	3.1



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	36	78	36
RL (dB)	12.7	10.4	12.7	10.9
Freq. (MHz)	83.0	69.0	83.0	92.8
Limit (dB)	10.8	11.6	10.8	10.3





Cable ID: SALA POLIVALENTE PTO 107

Date / Time: 08/22/2018 03:12:28 PM
Headroom -1.9 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

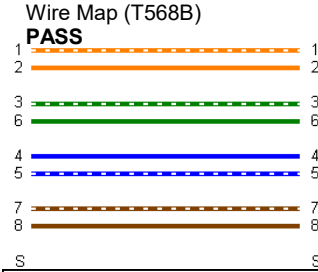
Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Test Summary: FAIL

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

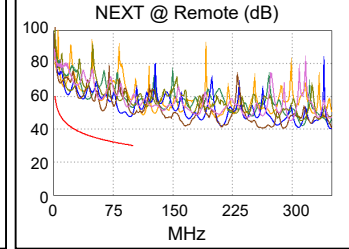
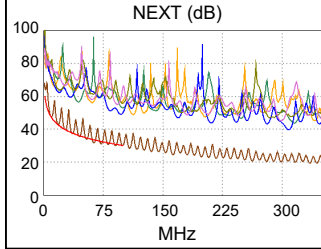
Length (m), Limit 100.0	[Pair 78]	11.0
Prop. Delay (ns), Limit 555	[Pair 45]	56
Delay Skew (ns), Limit 50	[Pair 45]	2
Resistance (ohms)	[Pair 36]	1.98
Insertion Loss Margin (dB)	[Pair 36]	21.7
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0

Patch Cable BAD or Patch Cable too short

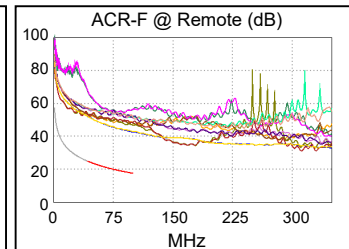
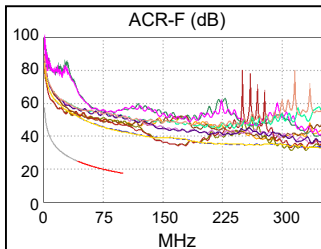


Worst Case Margin Worst Case Value

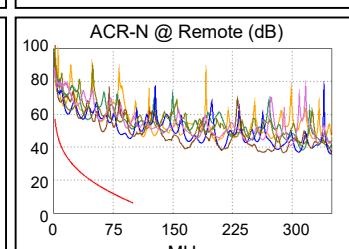
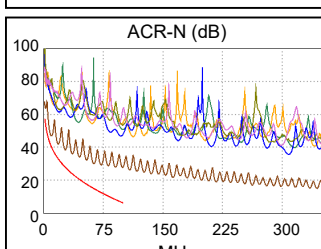
	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	36-45	12-78	36-45	12-78
NEXT (dB)	-1.9F	17.2	-0.2	17.3
Freq. (MHz)	62.8	96.3	99.3	96.8
Limit (dB)	33.6	30.4	30.1	30.3
Worst Pair	36	78	36	12
PS NEXT (dB)	1.1	18.9	2.8	19.1
Freq. (MHz)	62.8	95.0	99.3	97.0
Limit (dB)	30.6	27.5	27.1	27.3



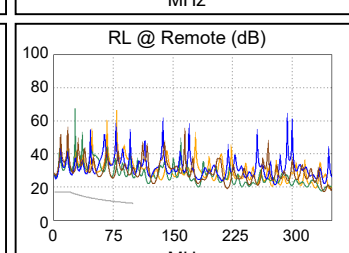
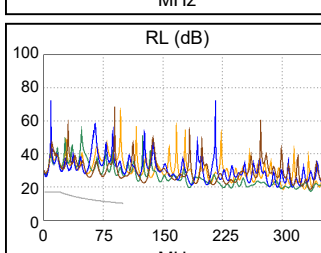
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	78-12	12-78
ACR-F (dB)	23.6	23.7	25.3	25.2
Freq. (MHz)	7.6	8.3	100.0	100.0
Limit (dB)	39.8	39.1	17.4	17.4
Worst Pair	36	36	12	12
PS ACR-F (dB)	25.1	24.8	27.1	27.1
Freq. (MHz)	1.0	1.1	100.0	99.3
Limit (dB)	54.4	53.4	14.4	14.5



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	36-45	36-45	12-78
ACR-N (dB)	6.0	24.3	21.5	38.7
Freq. (MHz)	8.9	6.1	99.3	96.8
Limit (dB)	41.2	45.0	6.2	6.7
Worst Pair	36	12	36	12
PS ACR-N (dB)	9.0	25.7	24.4	40.5
Freq. (MHz)	8.9	1.8	99.3	97.0
Limit (dB)	38.2	53.4	3.2	3.7



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	45	45	78	45
RL (dB)	9.2	8.0	15.1	8.0
Freq. (MHz)	3.3	3.1	97.5	3.1
Limit (dB)	17.0	17.0	10.1	17.0





Cable ID: SALA POLIVALENTE PTO 108

Date / Time: 08/22/2018 03:13:36 PM
Headroom -2.2 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: TX5500 UTP CMR
 NVP: 68.0%

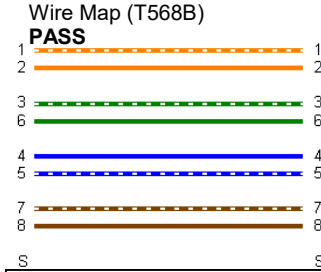
Software Version: V5.1 Build 4
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/29/2017
 Remote (Module): 12/29/2017

Test Summary: FAIL

Model: DSX-8000
 Main S/N: 1725290
 Remote S/N: 1725133
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

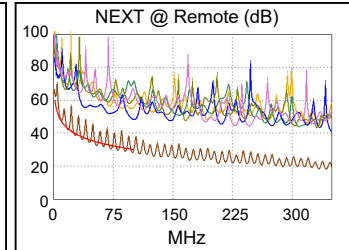
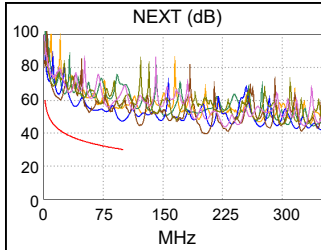
Length (m), Limit 100.0	[Pair 78]	11.0
Prop. Delay (ns), Limit 555	[Pair 45]	56
Delay Skew (ns), Limit 50	[Pair 36]	2
Resistance (ohms)	[Pair 36]	1.98
Insertion Loss Margin (dB)	[Pair 36]	21.7
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0

Patch Cable BAD or Patch Cable too short

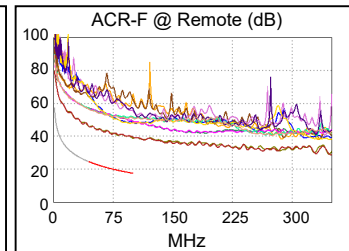
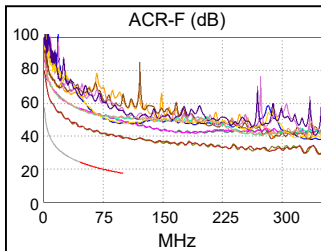


Worst Case Margin Worst Case Value

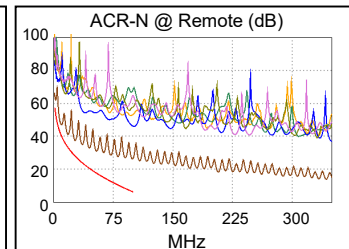
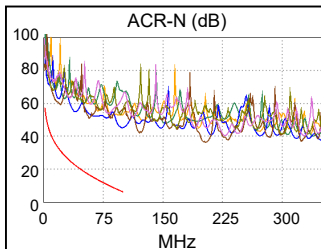
FAIL	MAIN	SR	MAIN	SR
Worst Pair	12-78	36-45	12-78	36-45
NEXT (dB)	17.2	-2.2F	17.3	-1.7
Freq. (MHz)	99.0	71.8	99.3	99.3
Limit (dB)	30.2	32.6	30.1	30.1
Worst Pair	12	36	12	36
PS NEXT (dB)	19.5	0.8	19.6	1.3
Freq. (MHz)	99.0	71.8	99.3	99.3
Limit (dB)	27.2	29.6	27.1	27.1



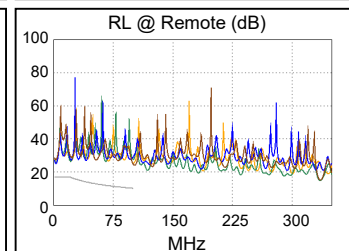
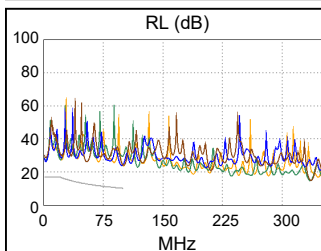
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	45-36	36-45
ACR-F (dB)	21.1	21.1	21.4	21.4
Freq. (MHz)	63.3	72.8	100.0	100.0
Limit (dB)	21.4	20.2	17.4	17.4
Worst Pair	45	45	36	45
PS ACR-F (dB)	23.5	23.7	24.3	23.8
Freq. (MHz)	63.3	80.8	100.0	100.0
Limit (dB)	18.4	16.3	14.4	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	12-78	36-45
ACR-N (dB)	24.6	6.2	38.9	19.9
Freq. (MHz)	1.5	8.9	99.3	99.3
Limit (dB)	57.0	41.2	6.2	6.2
Worst Pair	36	36	12	36
PS ACR-N (dB)	27.4	9.2	41.3	22.9
Freq. (MHz)	1.5	8.9	99.3	99.3
Limit (dB)	54.0	38.2	3.2	3.2



N/A	MAIN	SR	MAIN	SR
Worst Pair	45	45	12	78
RL (dB)	9.3	8.0	13.7	14.7
Freq. (MHz)	3.1	2.8	100.0	100.0
Limit (dB)	17.0	17.0	10.0	10.0



Cable ID	Summary	Test Limit	Length	Headroom	Date / Time
SALA POLIVALENTE PTO 01	FAIL	TIA Cat 5e Channel	19.0 m	-1.0 dB (NEXT)	08/21/2018 02:40 PM
SALA POLIVALENTE PTO 02	PASS	TIA Cat 5e Channel	18.6 m	14.9 dB (NEXT)	08/21/2018 02:43 PM
SALA POLIVALENTE PTO 04	FAIL	TIA Cat 5e Channel	17.3 m	-1.4 dB (NEXT)	08/21/2018 03:00 PM
SALA POLIVALENTE PTO 06	PASS	TIA Cat 5e Channel	16.3 m	17.1 dB (NEXT)	08/21/2018 03:11 PM
SALA POLIVALENTE PTO 05	PASS	TIA Cat 5e Channel	16.3 m	16.2 dB (NEXT)	08/21/2018 03:16 PM
SALA POLIVALENTE PTO 03	PASS	TIA Cat 5e Channel	17.5 m	16.1 dB (NEXT)	08/21/2018 03:19 PM
SALA POLIVALENTE PTO 07	FAIL	TIA Cat 5e Channel	21.2 m	-0.9 dB (NEXT)	08/21/2018 03:24 PM
SALA POLIVALENTE PTO 08	FAIL	TIA Cat 5e Channel	21.2 m	-1.1 dB (NEXT)	08/21/2018 03:26 PM
SALA POLIVALENTE PTO 09	PASS	TIA Cat 5e Channel	20.2 m	15.7 dB (NEXT)	08/21/2018 03:32 PM
SALA POLIVALENTE PTO 10	PASS	TIA Cat 5e Channel	19.6 m	16.1 dB (NEXT)	08/21/2018 03:37 PM
SALA POLIVALENTE PTO 11	PASS	TIA Cat 5e Channel	18.8 m	13.8 dB (NEXT)	08/21/2018 03:39 PM
SALA POLIVALENTE PTO 12	PASS	TIA Cat 5e Channel	18.6 m	15.0 dB (NEXT)	08/21/2018 03:41 PM
SALA POLIVALENTE PTO 13	PASS	TIA Cat 5e Channel	17.5 m	18.1 dB (NEXT)	08/21/2018 03:43 PM
SALA POLIVALENTE PTO 14	PASS	TIA Cat 5e Channel	17.5 m	15.6 dB (NEXT)	08/21/2018 03:45 PM
SALA POLIVALENTE PTO 15	PASS	TIA Cat 5e Channel	23.2 m	16.3 dB (NEXT)	08/21/2018 03:47 PM
SALA POLIVALENTE PTO 16	FAIL	TIA Cat 5e Channel	23.0 m	-1.6 dB (NEXT)	08/21/2018 03:48 PM
SALA POLIVALENTE PTO 17	PASS	TIA Cat 5e Channel	21.8 m	15.6 dB (NEXT)	08/21/2018 03:57 PM
SALA POLIVALENTE PTO 18	FAIL	TIA Cat 5e Channel	21.8 m	-1.1 dB (NEXT)	08/21/2018 04:00 PM
SALA POLIVALENTE PTO 19	FAIL	TIA Cat 5e Channel	20.8 m	-1.0 dB (NEXT)	08/21/2018 04:04 PM
SALA POLIVALENTE PTO 21	FAIL	TIA Cat 5e Channel	19.8 m	-1.9 dB (NEXT)	08/21/2018 04:09 PM
SALA POLIVALENTE PTO 22	FAIL	TIA Cat 5e Channel	19.6 m	-2.1 dB (NEXT)	08/21/2018 04:12 PM
SALA POLIVALENTE PTO 20	PASS	TIA Cat 5e Channel	20.6 m	16.0 dB (NEXT)	08/21/2018 04:13 PM
SALA POLIVALENTE PTO 25	PASS	TIA Cat 5e Channel	24.9 m	15.0 dB (NEXT)	08/21/2018 04:37 PM
SALA POLIVALENTE PTO 23	PASS	TIA Cat 5e Channel	26.3 m	14.3 dB (NEXT)	08/21/2018 04:39 PM
SALA POLIVALENTE PTO 24	FAIL	TIA Cat 5e Channel	26.3 m	-1.7 dB (NEXT)	08/21/2018 04:42 PM
SALA POLIVALENTE PTO 26	PASS	TIA Cat 5e Channel	25.1 m	13.8 dB (NEXT)	08/21/2018 04:44 PM
SALA POLIVALENTE PTO 27	FAIL	TIA Cat 5e Channel	24.1 m	-1.9 dB (NEXT)	08/21/2018 04:47 PM
SALA POLIVALENTE PTO 28	PASS	TIA Cat 5e Channel	23.2 m	13.9 dB (NEXT)	08/21/2018 04:55 PM
SALA POLIVALENTE PTO 29	FAIL	TIA Cat 5e Channel	22.2 m	-0.8 dB (NEXT)	08/21/2018 04:58 PM
SALA POLIVALENTE PTO 30	PASS	TIA Cat 5e Channel	22.6 m	15.9 dB (NEXT)	08/21/2018 04:59 PM
SALA POLIVALENTE PTO 32	PASS	TIA Cat 5e Channel	15.1 m	16.7 dB (NEXT)	08/21/2018 05:14 PM
SALA POLIVALENTE PTO 33	PASS	TIA Cat 5e Channel	16.3 m	15.2 dB (NEXT)	08/21/2018 05:15 PM
SALA POLIVALENTE PTO 34	PASS	TIA Cat 5e Channel	16.3 m	14.8 dB (NEXT)	08/21/2018 05:16 PM
SALA POLIVALENTE PTO 35	PASS	TIA Cat 5e Channel	17.7 m	14.8 dB (NEXT)	08/21/2018 05:17 PM
SALA POLIVALENTE PTO 36	PASS	TIA Cat 5e Channel	17.7 m	14.5 dB (NEXT)	08/21/2018 05:17 PM
SALA POLIVALENTE PTO 31	FAIL	TIA Cat 5e Channel	15.1 m	-1.3 dB (NEXT)	08/21/2018 05:22 PM
SALA POLIVALENTE PTO 39	FAIL	TIA Cat 5e Channel	18.3 m	-1.4 dB (NEXT)	08/21/2018 05:25 PM
SALA POLIVALENTE PTO 40	FAIL	TIA Cat 5e Channel	18.3 m	-1.1 dB (NEXT)	08/21/2018 05:26 PM
SALA POLIVALENTE PTO 41	PASS	TIA Cat 5e Channel	19.4 m	17.0 dB (NEXT)	08/21/2018 05:27 PM
SALA POLIVALENTE PTO 42	FAIL	TIA Cat 5e Channel	19.4 m	-1.3 dB (NEXT)	08/21/2018 05:32 PM
SALA POLIVALENTE PTO 43	FAIL	TIA Cat 5e Channel	20.8 m	-1.1 dB (NEXT)	08/21/2018 05:33 PM
SALA POLIVALENTE PTO 44	PASS	TIA Cat 5e Channel	20.8 m	14.9 dB (NEXT)	08/21/2018 05:33 PM
SALA POLIVALENTE PTO 45	FAIL	TIA Cat 5e Channel	22.0 m	-0.5 dB (NEXT)	08/21/2018 05:34 PM
SALA POLIVALENTE PTO 46	FAIL	TIA Cat 5e Channel	22.0 m	-1.0 dB (NEXT)	08/21/2018 05:35 PM
SALA POLIVALENTE PTO 47	FAIL	TIA Cat 5e Channel	21.2 m	-2.1 dB (NEXT)	08/22/2018 11:22 AM
SALA POLIVALENTE PTO 48	FAIL	TIA Cat 5e Channel	21.2 m	-2.2 dB (NEXT)	08/22/2018 11:22 AM
SALA POLIVALENTE PTO 50	FAIL	TIA Cat 5e Channel	22.8 m	-0.7 dB (NEXT)	08/22/2018 11:33 AM
SALA POLIVALENTE PTO 49	FAIL	TIA Cat 5e Channel	22.2 m	-1.8 dB (NEXT)	08/22/2018 11:46 AM
SALA POLIVALENTE PTO 52	FAIL	TIA Cat 5e Channel	23.4 m	-1.5 dB (NEXT)	08/22/2018 11:50 AM
SALA POLIVALENTE PTO 51	FAIL	TIA Cat 5e Channel	23.4 m	-1.1 dB (NEXT)	08/22/2018 11:52 AM
SALA POLIVALENTE PTO 53	FAIL	TIA Cat 5e Channel	24.7 m	-1.8 dB (NEXT)	08/22/2018 11:55 AM
SALA POLIVALENTE PTO 54	PASS	TIA Cat 5e Channel	24.9 m	12.1 dB (NEXT)	08/22/2018 11:56 AM
SALA POLIVALENTE PTO 55	PASS	TIA Cat 5e Channel	23.4 m	12.3 dB (NEXT)	08/22/2018 12:03 PM
SALA POLIVALENTE PTO 56	FAIL	TIA Cat 5e Channel	23.2 m	-1.3 dB (NEXT)	08/22/2018 12:04 PM
SALA POLIVALENTE PTO 57	FAIL	TIA Cat 5e Channel	24.5 m	-0.9 dB (NEXT)	08/22/2018 12:06 PM
SALA POLIVALENTE PTO 58	FAIL	TIA Cat 5e Channel	24.3 m	-1.6 dB (NEXT)	08/22/2018 12:07 PM
SALA POLIVALENTE PTO 59	FAIL	TIA Cat 5e Channel	25.5 m	-1.8 dB (NEXT)	08/22/2018 12:09 PM
SALA POLIVALENTE PTO 61	FAIL	TIA Cat 5e Channel	26.5 m	-2.0 dB (NEXT)	08/22/2018 12:34 PM
SALA POLIVALENTE PTO 62	FAIL	TIA Cat 5e Channel	26.5 m	-0.5 dB (NEXT)	08/22/2018 12:39 PM
SALA POLIVALENTE PTO 60	FAIL	TIA Cat 5e Channel	25.3 m	-2.6 dB (NEXT)	08/22/2018 12:47 PM
SALA POLIVALENTE PTO 63	FAIL	TIA Cat 5e Channel	15.9 m	-1.4 dB (NEXT)	08/22/2018 12:50 PM
SALA POLIVALENTE PTO 64	FAIL	TIA Cat 5e Channel	15.7 m	-1.4 dB (NEXT)	08/22/2018 12:59 PM
SALA POLIVALENTE PTO 66	FAIL	TIA Cat 5e Channel	15.5 m	-2.7 dB (NEXT)	08/22/2018 01:03 PM
SALA POLIVALENTE PTO 65	FAIL	TIA Cat 5e Channel	14.7 m	-2.4 dB (NEXT)	08/22/2018 01:12 PM
SALA POLIVALENTE PTO 37	FAIL	TIA Cat 5e Channel	16.7 m	-1.5 dB (NEXT)	08/22/2018 01:15 PM
SALA POLIVALENTE PTO 38	FAIL	TIA Cat 5e Channel	16.9 m	-1.6 dB (NEXT)	08/22/2018 01:17 PM
SALA POLIVALENTE PTO 68	FAIL	TIA Cat 5e Channel	23.9 m	-0.7 dB (NEXT)	08/22/2018 01:22 PM
SALA POLIVALENTE PTO 69	FAIL	TIA Cat 5e Channel	22.0 m	-1.6 dB (NEXT)	08/22/2018 01:28 PM
SALA POLIVALENTE PTO 70	FAIL	TIA Cat 5e Channel	22.0 m	-1.0 dB (NEXT)	08/22/2018 01:32 PM
SALA POLIVALENTE PTO 71	FAIL	TIA Cat 5e Channel	20.8 m	-1.2 dB (NEXT)	08/22/2018 01:34 PM
SALA POLIVALENTE PTO 73	PASS	TIA Cat 5e Channel	19.6 m	14.4 dB (NEXT)	08/22/2018 01:37 PM
SALA POLIVALENTE PTO 72	PASS	TIA Cat 5e Channel	20.8 m	14.8 dB (NEXT)	08/22/2018 01:41 PM
SALA POLIVALENTE PTO 74	FAIL	TIA Cat 5e Channel	19.4 m	-1.7 dB (NEXT)	08/22/2018 01:43 PM
SALA POLIVALENTE PTO 76	FAIL	TIA Cat 5e Channel	18.3 m	-0.9 dB (NEXT)	08/22/2018 01:47 PM
SALA POLIVALENTE PTO 75	FAIL	TIA Cat 5e Channel	18.3 m	-1.2 dB (NEXT)	08/22/2018 01:48 PM
SALA POLIVALENTE PTO 77	FAIL	TIA Cat 5e Channel	26.7 m	-1.4 dB (NEXT)	08/22/2018 01:50 PM
SALA POLIVALENTE PTO 78	FAIL	TIA Cat 5e Channel	26.7 m	-1.0 dB (NEXT)	08/22/2018 01:51 PM
SALA POLIVALENTE PTO 79	FAIL	TIA Cat 5e Channel	26.5 m	-1.0 dB (NEXT)	08/22/2018 01:53 PM
SALA POLIVALENTE PTO 80	FAIL	TIA Cat 5e Channel	26.3 m	-0.7 dB (NEXT)	08/22/2018 01:58 PM
SALA POLIVALENTE PTO 81	PASS	TIA Cat 5e Channel	25.3 m	12.8 dB (NEXT)	08/22/2018 01:58 PM
SALA POLIVALENTE PTO 82	FAIL	TIA Cat 5e Channel	25.3 m	-1.1 dB (NEXT)	08/22/2018 01:59 PM
SALA POLIVALENTE PTO 83	FAIL	TIA Cat 5e Channel	24.1 m	-1.1 dB (NEXT)	08/22/2018 02:00 PM
SALA POLIVALENTE PTO 84	PASS	TIA Cat 5e Channel	24.1 m	15.3 dB (NEXT)	08/22/2018 02:00 PM
SALA POLIVALENTE PTO 85	FAIL	TIA Cat 5e Channel	22.6 m	-1.8 dB (NEXT)	08/22/2018 02:01 PM

Cable ID	Summary	Test Limit	Length	Headroom	Date / Time
SALA POLIVALENTE PTO 86	FAIL	TIA Cat 5e Channel	22.8 m	-0.5 dB (NEXT)	08/22/2018 02:03 PM
SALA POLIVALENTE PTO 87	FAIL	TIA Cat 5e Channel	26.9 m	-0.4 dB (NEXT)	08/22/2018 02:04 PM
SALA POLIVALENTE PTO 88	FAIL	TIA Cat 5e Channel	26.9 m	-1.0 dB (NEXT)	08/22/2018 02:05 PM
SALA POLIVALENTE PTO 89	PASS	TIA Cat 5e Channel	25.7 m	15.2 dB (NEXT)	08/22/2018 02:07 PM
SALA POLIVALENTE PTO 90	FAIL	TIA Cat 5e Channel	25.9 m	-0.7 dB (NEXT)	08/22/2018 02:08 PM
SALA POLIVALENTE PTO 91	FAIL	TIA Cat 5e Channel	24.5 m	-0.9 dB (NEXT)	08/22/2018 02:08 PM
SALA POLIVALENTE PTO 92	FAIL	TIA Cat 5e Channel	24.7 m	-1.9 dB (NEXT)	08/22/2018 02:09 PM
SALA POLIVALENTE PTO 93	FAIL	TIA Cat 5e Channel	26.1 m	-0.7 dB (NEXT)	08/22/2018 02:11 PM
SALA POLIVALENTE PTO 94	FAIL	TIA Cat 5e Channel	26.1 m	-0.8 dB (NEXT)	08/22/2018 02:15 PM
SALA POLIVALENTE PTO 95	FAIL	TIA Cat 5e Channel	26.7 m	-1.2 dB (NEXT)	08/22/2018 02:16 PM
SALA POLIVALENTE PTO 96	FAIL	TIA Cat 5e Channel	26.7 m	-1.4 dB (NEXT)	08/22/2018 02:18 PM
SALA POLIVALENTE PTO 97	FAIL	TIA Cat 5e Channel	28.1 m	-1.5 dB (NEXT)	08/22/2018 02:19 PM
SALA POLIVALENTE PTO 98	FAIL	TIA Cat 5e Channel	28.3 m	-0.4 dB (NEXT)	08/22/2018 02:21 PM
SALA POLIVALENTE PTO 99	FAIL	TIA Cat 5e Channel	36.3 m	-0.4 dB (NEXT)	08/22/2018 02:23 PM
SALA POLIVALENTE PTO 100	FAIL	TIA Cat 5e Channel	34.0 m	-0.5 dB (NEXT)	08/22/2018 02:26 PM
SALA POLIVALENTE PTO 101	FAIL	TIA Cat 5e Channel	34.0 m	-1.4 dB (NEXT)	08/22/2018 02:27 PM
SALA POLIVALENTE PTO 102	FAIL	TIA Cat 5e Channel	36.3 m	-0.4 dB (NEXT)	08/22/2018 02:28 PM
SALA POLIVALENTE PTO 103	FAIL	TIA Cat 5e Channel	35.1 m	-1.3 dB (NEXT)	08/22/2018 02:30 PM
SALA POLIVALENTE PTO 104	FAIL	TIA Cat 5e Channel	35.1 m	-1.2 dB (NEXT)	08/22/2018 02:31 PM
SALA POLIVALENTE PTO 106	FAIL	TIA Cat 5e Channel	38.3 m	-0.3 dB (NEXT)	08/22/2018 02:42 PM
SALA POLIVALENTE PTO 105	FAIL	TIA Cat 5e Channel	38.1 m	-0.5 dB (NEXT)	08/22/2018 02:44 PM
SALA POLIVALENTE PTO 107	FAIL	TIA Cat 5e Channel	11.0 m	-1.9 dB (NEXT)	08/22/2018 03:12 PM
SALA POLIVALENTE PTO 108	FAIL	TIA Cat 5e Channel	11.0 m	-2.2 dB (NEXT)	08/22/2018 03:13 PM

Total Length:	2423.8 m
Number of Reports:	107
Number of Passing Reports:	32
Number of Failing Reports:	75
Number of Warning Reports:	0
Documentation Only:	0