



Cable ID: CAT8 1M

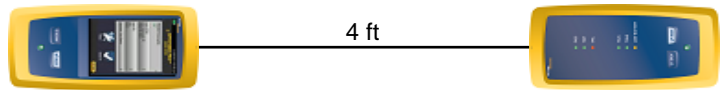
Date / Time: 01/31/2018 10:54:53 PM
Headroom 13.0 dB (NEXT 36-45)
Test Limit: ISO11801 Channel Class I
 Cable Type: Cat 8 S/FTP
 NVP: 78.0%

Software Version: V5.2 Build 1
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/14/2017
 Remote (Module): 12/14/2017

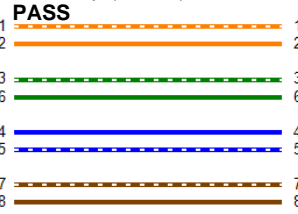
Test Summary: PASS

Model: DSX-8000
 Main S/N: 1746181
 Remote S/N: 1746251
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

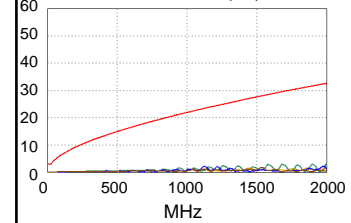
Length (ft)	[Pair 12]	4
Prop. Delay (ns), Limit 169	[Pair 36]	5
Delay Skew (ns), Limit 16	[Pair 12]	0
Resistance (ohms), Limit 6.40	[Pair 12]	0.07
Resist. Unbal. (ohms), Limit 0.200	[Pair 36]	0.007
Resist. P2P Unbal. (ohms), Limit 0.100	[Pair 12-36]	0.005
Insertion Loss Margin (dB)	[Pair 36]	29.3
Frequency (MHz)	[Pair 36]	2000.0
Limit (dB)	[Pair 36]	32.7



Wire Map (T568B)

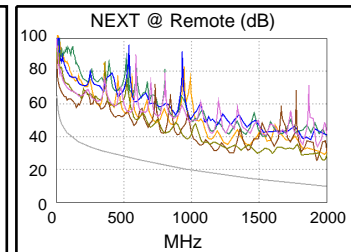
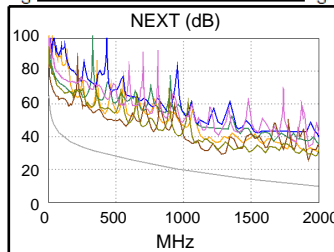


Insertion Loss (dB)

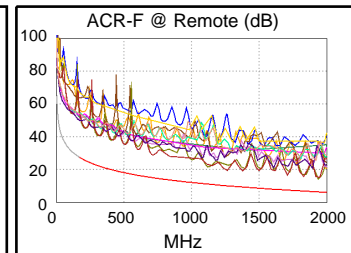
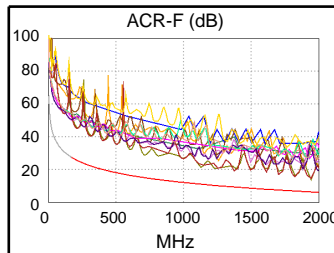


Worst Case Margin Worst Case Value

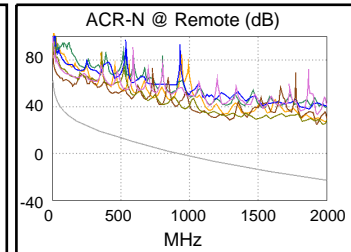
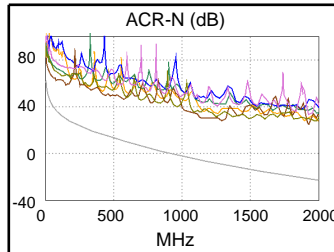
N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-78
NEXT (dB)	13.0	13.8	15.3	15.7
Freq. (MHz)	1292.	1296.	1926.	1976.
Limit (dB)	16.0	16.0	10.2	9.8
Worst Pair	36	36	36	36
PS NEXT (dB)	14.4	14.7	16.5	16.3
Freq. (MHz)	1260.	1278.	1926.	1924.
Limit (dB)	13.4	13.2	7.2	7.2



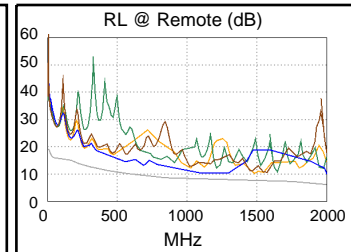
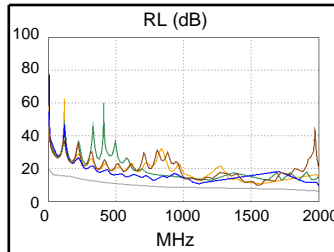
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-F (dB)	7.6	7.6	7.6	7.6
Freq. (MHz)	1942.	1942.	1942.	1942.
Limit (dB)	6.2	6.2	6.2	6.2
Worst Pair	45	45	45	45
PS ACR-F (dB)	10.4	10.4	10.4	10.4
Freq. (MHz)	1942.	1942.	1942.	1942.
Limit (dB)	3.2	3.2	3.2	3.2



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	20.3	18.6	46.6	46.7
Freq. (MHz)	5.9	4.6	1926.	1928.
Limit (dB)	58.1	59.8	-21.8	-21.8
Worst Pair	36	36	36	36
PS ACR-N (dB)	22.4	20.9	46.2	46.2
Freq. (MHz)	4.9	4.6	1920.	1920.
Limit (dB)	56.4	56.8	-24.7	-24.7



PASS	MAIN	SR	MAIN	SR
Worst Pair	36	36	45	45
RL (dB)	8.4	8.2	3.1	1.2
Freq. (MHz)	1994.	1678.	2000.	1185.
Limit (dB)	6.2	7.6	6.2	8.0



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	10GBASE-T	25GBASE-T
40GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	



Cable ID: CAT8 2M

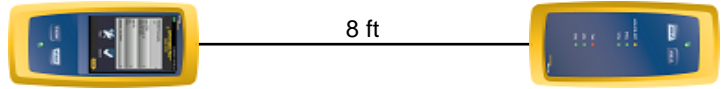
Date / Time: 01/31/2018 11:41:41 PM
Headroom 14.6 dB (NEXT 36-45)
Test Limit: ISO11801 Channel Class I
 Cable Type: Cat 8 S/FTP
 NVP: 78.0%

Software Version: V5.2 Build 1
 Limits Version: V6.1
 Calibration Start Date:
 Main (Module): 12/14/2017
 Remote (Module): 12/14/2017

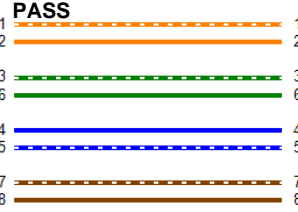
Test Summary: PASS

Model: DSX-8000
 Main S/N: 1746181
 Remote S/N: 1746251
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

Length (ft)	[Pair 12]	8
Prop. Delay (ns), Limit 169	[Pair 12]	10
Delay Skew (ns), Limit 16	[Pair 12]	0
Resistance (ohms), Limit 6.40	[Pair 45]	0.26
Resist. Unbal. (ohms), Limit 0.200	[Pair 45]	0.011
Resist. P2P Unbal. (ohms), Limit 0.100	[Pair 36-78]	0.004
Insertion Loss Margin (dB)	[Pair 36]	28.7
Frequency (MHz)	[Pair 36]	1990.0
Limit (dB)	[Pair 36]	32.6

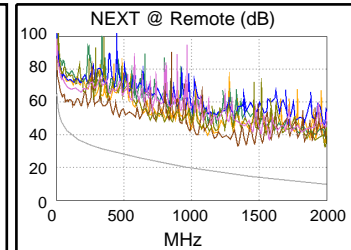
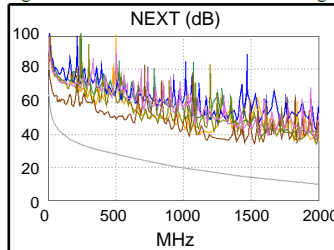


Wire Map (T568B)



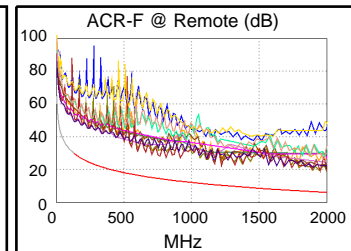
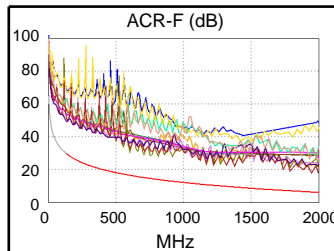
Worst Case Margin Worst Case Value

N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-78
NEXT (dB)	15.3	14.6	18.9	22.9
Freq. (MHz)	5.5	4.3	1464.	1986.
Limit (dB)	61.6	63.4	14.2	9.7



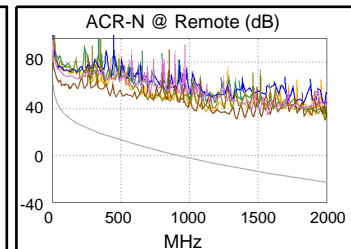
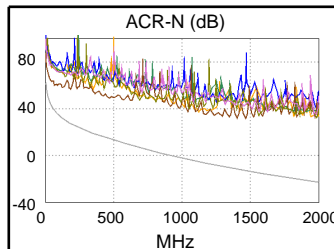
Worst Pair	36	36	36	36
PS NEXT (dB)	18.1	17.3	24.4	23.8
Freq. (MHz)	4.8	4.3	1974.	1986.
Limit (dB)	59.6	60.4	6.8	6.7

PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	45-36	45-36	36-45
ACR-F (dB)	11.5	12.2	11.5	12.5
Freq. (MHz)	1950.	1274.	1950.	1952.
Limit (dB)	6.2	9.9	6.2	6.2



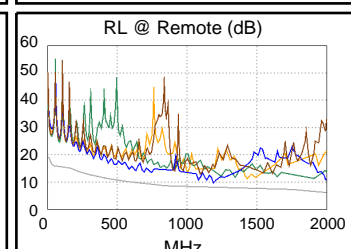
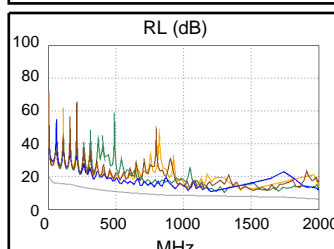
Worst Pair	36	36	36	36
PS ACR-F (dB)	11.8	12.1	11.9	13.0
Freq. (MHz)	1898.	1222.	1950.	1894.
Limit (dB)	3.4	7.2	3.2	3.4

N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-78
ACR-N (dB)	18.3	17.6	44.8	53.2
Freq. (MHz)	5.5	4.3	1464.	1986.
Limit (dB)	58.6	60.4	-13.1	-22.8



Worst Pair	36	36	36	36
PS ACR-N (dB)	21.1	20.3	53.7	52.5
Freq. (MHz)	4.8	4.3	1974.	1986.
Limit (dB)	56.6	57.4	-25.6	-25.8

PASS	MAIN	SR	MAIN	SR
Worst Pair	36	36	36	12
RL (dB)	2.6	3.6	2.6	3.2
Freq. (MHz)	1602.	1648.	1602.	1428.
Limit (dB)	8.0	7.8	8.0	8.0



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T 10GBASE-T 25GBASE-T
 40GBASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive



Cable ID: CAT8 3M

Date / Time: 01/31/2018 11:31:39 PM

Headroom 25.1 dB (NEXT 12-36)

Test Limit: ISO11801 Channel Class I

Cable Type: Cat 8 S/FTP

NVP: 78.0%

Software Version: V5.2 Build 1

Limits Version: V6.1

Calibration Start Date:

Main (Module): 12/14/2017

Remote (Module): 12/14/2017

Test Summary: PASS

Model: DSX-8000

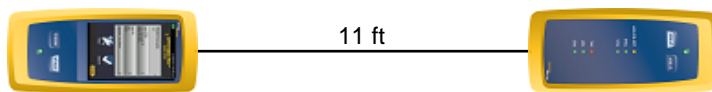
Main S/N: 1746181

Remote S/N: 1746251

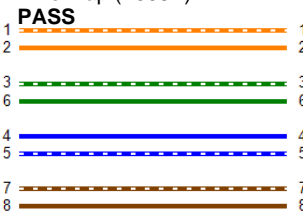
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

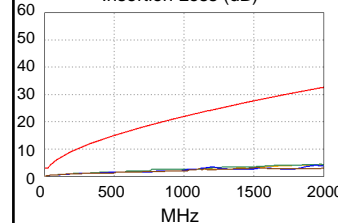
Length (ft)	[Pair 45]	11
Prop. Delay (ns), Limit 169	[Pair 36]	15
Delay Skew (ns), Limit 16	[Pair 12]	1
Resistance (ohms), Limit 6.40	[Pair 12]	0.42
Resist. Unbal. (ohms), Limit 0.200	[Pair 36]	0.005
Resist. P2P Unbal. (ohms), Limit 0.100	[Pair 12-36]	0.004
Insertion Loss Margin (dB)	[Pair 36]	28.1
Frequency (MHz)	[Pair 36]	1984.0
Limit (dB)	[Pair 36]	32.5



Wire Map (T568B)

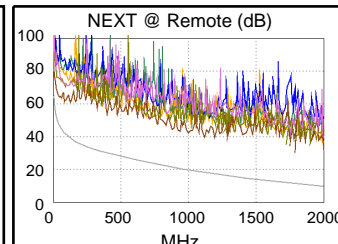
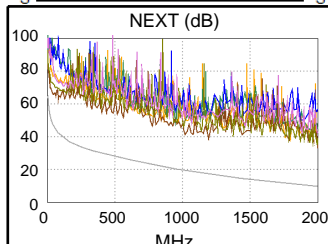


Insertion Loss (dB)



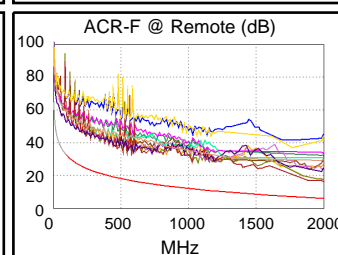
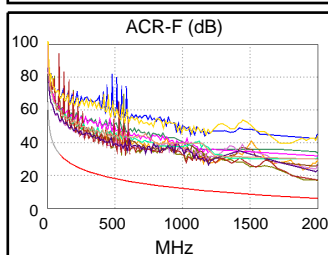
Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	36-78	12-36
NEXT (dB)	26.2	25.1	25.7	25.1
Freq. (MHz)	1996.	1996.	1994.	1996.
Limit (dB)	9.7	9.7	9.7	9.7



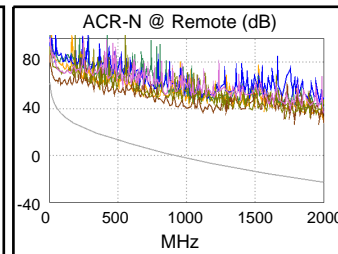
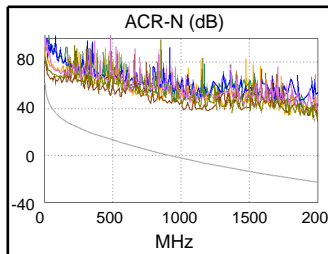
Worst Pair	36	36	36	36
PS NEXT (dB)	24.0	24.0	24.1	24.0
Freq. (MHz)	1996.	2000.	1998.	2000.
Limit (dB)	6.7	6.6	6.6	6.6

PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	10.6	10.3	10.7	10.5
Freq. (MHz)	1930.	1930.	1998.	2000.
Limit (dB)	6.3	6.3	6.0	5.9



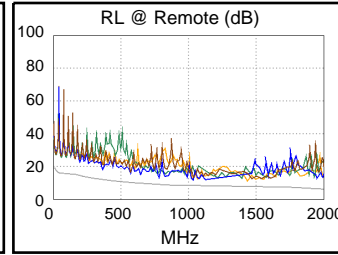
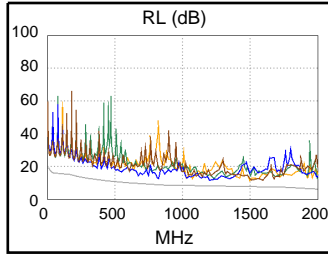
Worst Pair	36	36	36	36
PS ACR-F (dB)	12.1	11.9	12.1	12.2
Freq. (MHz)	1930.	1930.	1930.	1988.
Limit (dB)	3.3	3.3	3.3	3.0

PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	12-36	12-36
ACR-N (dB)	54.7	53.1	54.7	53.6
Freq. (MHz)	1996.	1864.	1996.	1996.
Limit (dB)	-23.0	-20.7	-23.0	-23.0



Worst Pair	36	36	36	36
PS ACR-N (dB)	52.5	52.4	52.5	52.4
Freq. (MHz)	1998.	2000.	1998.	2000.
Limit (dB)	-26.0	-26.1	-26.0	-26.1

PASS	MAIN	SR	MAIN	SR
Worst Pair	12	45	12	45
RL (dB)	2.7	2.1	2.7	2.1
Freq. (MHz)	1502.	1197.	1502.	1197.
Limit (dB)	8.0	8.0	8.0	8.0



Compliant Network Standards:

- 10BASE-T 100BASE-TX 100BASE-T4
- 1000BASE-T 10GBASE-T 25GBASE-T
- 40GBASE-T ATM-25 ATM-51
- ATM-155 100VG-AnyLan TR-4
- TR-16 Active TR-16 Passive



Cable ID: CAT8 10M

Date / Time: 01/31/2018 11:32:58 PM

Headroom 26.3 dB (NEXT 12-36)

Test Limit: ISO11801 Channel Class I

Cable Type: Cat 8 S/FTP

NVP: 78.0%

Software Version: V5.2 Build 1

Limits Version: V6.1

Calibration Start Date:

Main (Module): 12/14/2017

Remote (Module): 12/14/2017

Test Summary: PASS

Model: DSX-8000

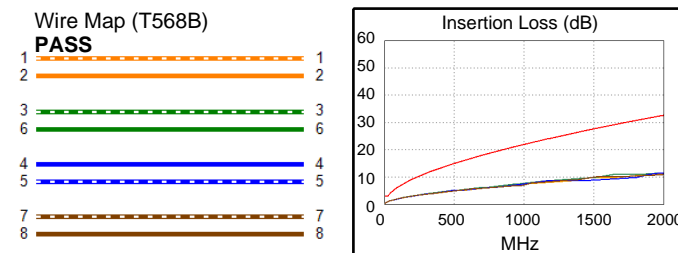
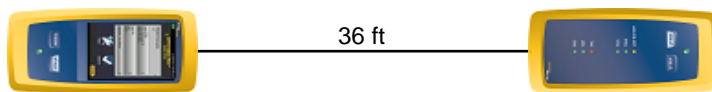
Main S/N: 1746181

Remote S/N: 1746251

Main Adapter: DSX-CHA804

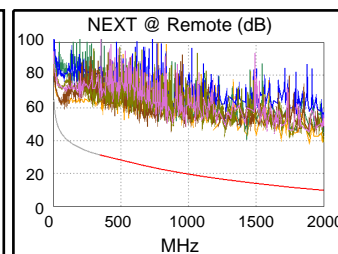
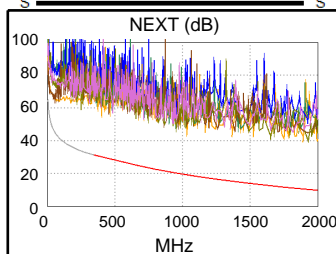
Remote Adapter: DSX-CHA804

Length (ft)	[Pair 12]	36
Prop. Delay (ns), Limit 169	[Pair 36]	48
Delay Skew (ns), Limit 16	[Pair 36]	1
Resistance (ohms), Limit 6.40	[Pair 45]	1.60
Resist. Unbal. (ohms), Limit 0.200	[Pair 78]	0.006
Resist. P2P Unbal. (ohms), Limit 0.100	[Pair 36-45]	0.005
Insertion Loss Margin (dB)	[Pair 36]	20.3
Frequency (MHz)	[Pair 36]	1932.0
Limit (dB)	[Pair 36]	32.0

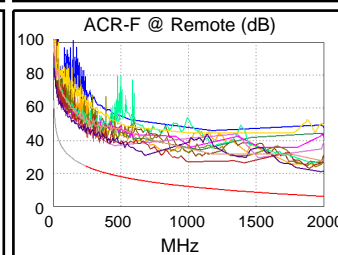
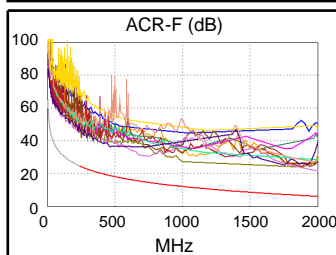


Worst Case Margin Worst Case Value

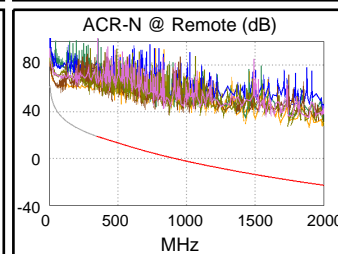
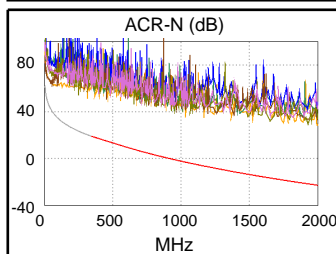
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	12-36	12-36
NEXT (dB)	26.3	26.4	30.1	28.2
Freq. (MHz)	1031.	366.0	1996.	1892.
Limit (dB)	19.1	30.8	9.7	10.5
Worst Pair	36	36	36	36
PS NEXT (dB)	27.8	28.5	29.8	29.7
Freq. (MHz)	1031.	874.0	1930.	1892.
Limit (dB)	16.1	18.4	7.2	7.5



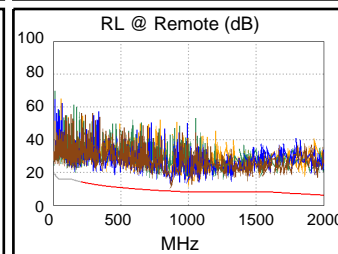
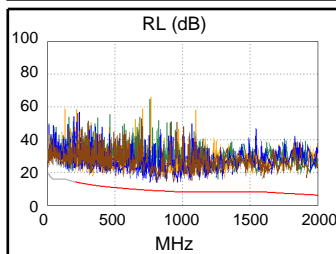
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	78-36	36-78	78-36
ACR-F (dB)	15.0	14.7	15.4	14.7
Freq. (MHz)	997.0	1976.	1972.	1976.
Limit (dB)	12.0	6.1	6.1	6.1
Worst Pair	36	36	36	36
PS ACR-F (dB)	16.0	14.4	16.1	14.4
Freq. (MHz)	1864.	1906.	1866.	1906.
Limit (dB)	3.6	3.4	3.5	3.4



PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	12-36	12-36
ACR-N (dB)	35.7	34.8	51.3	48.5
Freq. (MHz)	314.0	366.0	1996.	1892.
Limit (dB)	20.2	18.1	-23.0	-21.2
Worst Pair	36	36	36	36
PS ACR-N (dB)	38.1	37.4	50.1	50.0
Freq. (MHz)	400.0	366.0	1930.	1892.
Limit (dB)	13.8	15.1	-24.8	-24.2



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	78	45	78
RL (dB)	5.7	3.5	5.8	3.5
Freq. (MHz)	804.0	871.0	805.0	871.0
Limit (dB)	8.9	8.5	8.8	8.5



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T 10GBASE-T 25GBASE-T
 40GBASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive