

Cable ID	Summary	Test Limit	Length	Headroom	Date / Time
A01	PASS	TIA Cat 6 Perm. Link	26 ft	1.9 dB (NEXT)	08/20/2013 07:02 PM
A02	FAIL	TIA Cat 6 Perm. Link	24 ft	-5.6 dB (NEXT)	08/22/2013 11:20 AM
A03	PASS*	TIA Cat 6 Perm. Link	20 ft	0.6 dB (NEXT)	08/20/2013 07:06 PM
A04	FAIL	TIA Cat 6 Perm. Link	20 ft	-0.4 dB (NEXT)	08/20/2013 07:07 PM
A05	PASS	TIA Cat 6 Perm. Link	26 ft	2.7 dB (NEXT)	08/20/2013 07:10 PM
A06	FAIL	TIA Cat 6 Perm. Link	26 ft	-1.7 dB (NEXT)	08/20/2013 07:12 PM
A07	PASS	TIA Cat 6 Perm. Link	30 ft	2.1 dB (NEXT)	08/20/2013 07:15 PM
A08	PASS	TIA Cat 6 Perm. Link	30 ft	1.7 dB (NEXT)	08/20/2013 07:16 PM
A09	PASS	TIA Cat 6 Perm. Link	49 ft	1.6 dB (NEXT)	08/22/2013 12:01 PM

Total Length:	251 ft
Number of Reports:	9
Number of Passing Reports:	6
Number of Failing Reports:	3
Number of Warning Reports:	0
Documentation Only:	0



Cable ID: A01

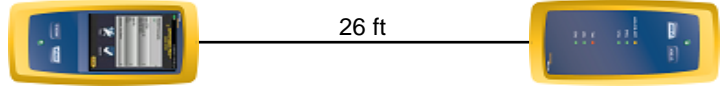
Date / Time: 08/20/2013 07:02:29 PM
Headroom 1.9 dB (NEXT 12-36)
Test Limit: TIA Cat 6 Perm. Link
 Cable Type: Cat 6A U/UTP
 Calibration Date: 07/17/2013

Operator: ALBERTO GUZMAN
 Software Version: V2.0 Build 7
 Limits Version: V2.0
 NVP: 69.0%

Test Summary: PASS

Model: DSX-5000
 Main S/N: 2437708
 Remote S/N: 2437653
 Main Adapter: DSX-CHA004
 Remote Adapter: DSX-CHA004

Length (ft), Limit 295	[Pair 36]	26
Prop. Delay (ns), Limit 498	[Pair 12]	39
Delay Skew (ns), Limit 44	[Pair 12]	1
Resistance (ohms)		N/A
Insertion Loss Margin (dB)	[Pair 12]	27.3
Frequency (MHz)	[Pair 12]	243.0
Limit (dB)	[Pair 12]	30.6

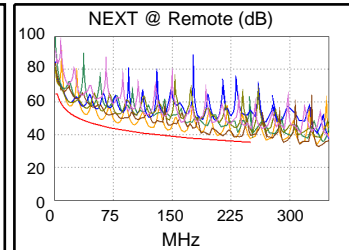
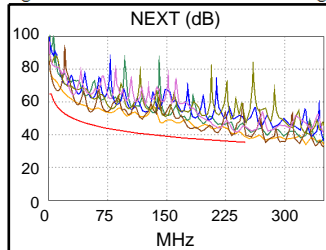


Wire Map (T568B)
PASS

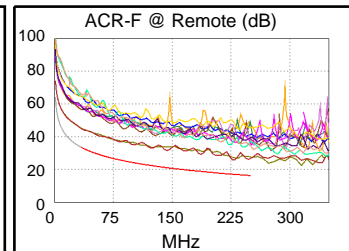
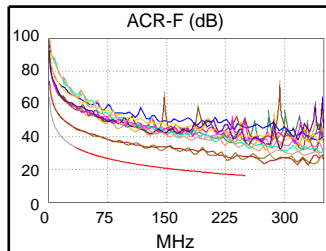


Worst Case Margin Worst Case Value

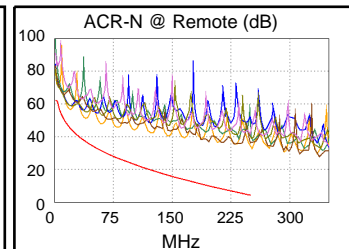
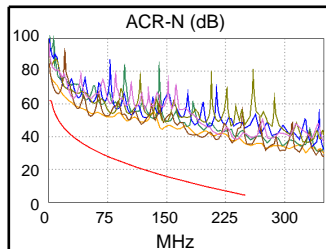
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	12-36	12-36	12-36
NEXT (dB)	3.5	1.9	3.7	1.9
Freq. (MHz)	233.5	250.0	250.0	250.0
Limit (dB)	35.8	35.3	35.3	35.3
Worst Pair	36	36	36	36
PS NEXT (dB)	3.5	1.9	3.5	1.9
Freq. (MHz)	233.5	250.0	233.5	250.0
Limit (dB)	33.2	32.7	33.2	32.7



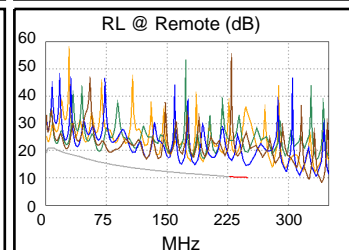
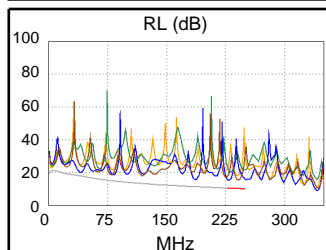
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	8.4	8.6	8.4	8.6
Freq. (MHz)	229.0	229.0	229.0	229.0
Limit (dB)	17.0	17.0	17.0	17.0
Worst Pair	45	36	45	36
PS ACR-F (dB)	10.8	11.5	10.8	11.5
Freq. (MHz)	228.5	229.0	228.5	229.0
Limit (dB)	14.0	14.0	14.0	14.0



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	12-36	12-36	12-36
ACR-N (dB)	13.1	9.8	31.6	29.8
Freq. (MHz)	4.9	3.5	250.0	250.0
Limit (dB)	58.9	61.7	4.2	4.2
Worst Pair	36	36	36	36
PS ACR-N (dB)	13.2	8.6	30.3	29.8
Freq. (MHz)	4.4	3.9	233.5	250.0
Limit (dB)	57.5	58.5	3.3	1.6



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
RL (dB)	4.1	3.4	4.5	4.1
Freq. (MHz)	187.0	184.0	229.5	249.5
Limit (dB)	11.3	11.4	10.4	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: A02

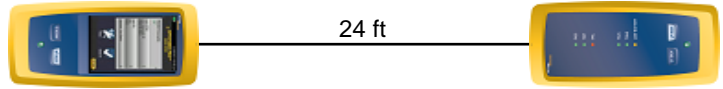
Date / Time: 08/22/2013 11:20:22 AM
Headroom -5.6 dB (NEXT 36-45)
Test Limit: TIA Cat 6 Perm. Link
 Cable Type: Cat 6A U/UTP
 Calibration Date: 07/17/2013

Operator: JOSUE PAULINO
 Software Version: V2.1 Build 5
 Limits Version: V2.1
 NVP: 69.0%

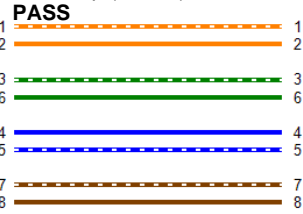
Test Summary: FAIL

Model: DSX-5000
 Main S/N: 2437708
 Remote S/N: 2437653
 Main Adapter: DSX-CHA004
 Remote Adapter: DSX-CHA004

Length (ft), Limit 295	[Pair 45]	24
Prop. Delay (ns), Limit 498	[Pair 12]	38
Delay Skew (ns), Limit 44	[Pair 12]	2
Resistance (ohms)		N/A
Insertion Loss Margin (dB)	[Pair 45]	27.7
Frequency (MHz)	[Pair 45]	250.0
Limit (dB)	[Pair 45]	31.1

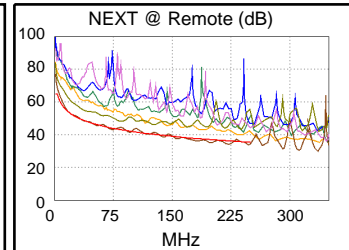
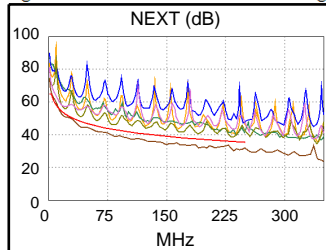


Wire Map (T568B)

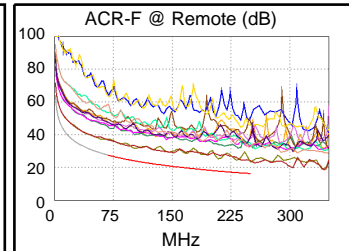
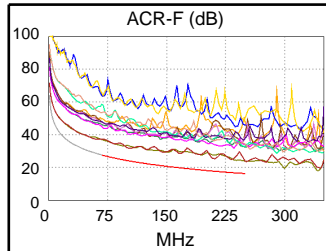


Worst Case Margin Worst Case Value

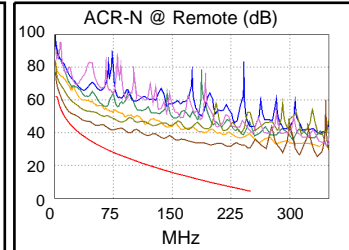
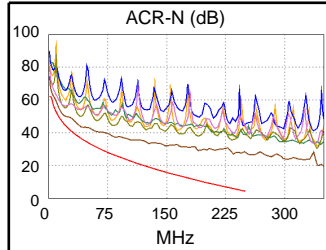
FAIL	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	-5.6 F	-2.1 F	-5.5	-1.5
Freq. (MHz)	235.5	222.0	236.5	248.0
Limit (dB)	35.8	36.2	35.7	35.4
Worst Pair	36	36	36	36
PS NEXT (dB)	-3.8 F	-0.4 F	-3.8	0.5
Freq. (MHz)	236.5	219.0	236.5	248.0
Limit (dB)	33.1	33.7	33.1	32.8



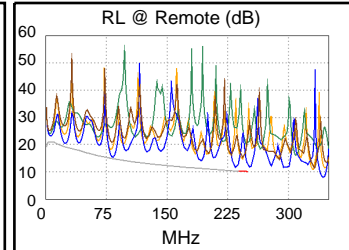
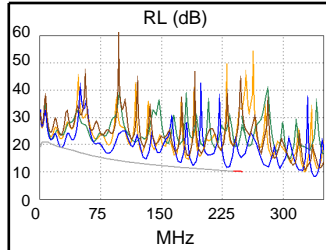
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-F (dB)	7.5	7.2	7.6	7.2
Freq. (MHz)	238.0	250.0	250.0	250.0
Limit (dB)	16.7	16.2	16.2	16.2
Worst Pair	45	45	45	45
PS ACR-F (dB)	9.8	9.3	9.8	9.3
Freq. (MHz)	250.0	250.0	250.0	250.0
Limit (dB)	13.2	13.2	13.2	13.2



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	3.8	6.3	21.3	26.1
Freq. (MHz)	3.5	15.5	236.5	248.0
Limit (dB)	61.7	47.9	5.6	4.4
Worst Pair	36	36	36	45
PS ACR-N (dB)	4.9	7.8	23.4	28.4
Freq. (MHz)	4.0	4.3	236.5	249.0
Limit (dB)	58.3	57.8	3.0	1.7



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
RL (dB)	1.0	1.2	1.1	1.2
Freq. (MHz)	231.5	235.0	232.5	235.0
Limit (dB)	10.4	10.3	10.3	10.3





Cable ID: A03

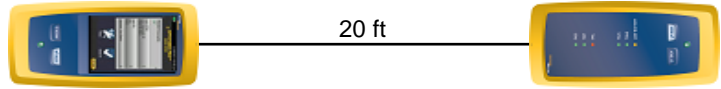
Date / Time: 08/20/2013 07:06:19 PM
Headroom 0.6 dB (NEXT 36-45)
Test Limit: TIA Cat 6 Perm. Link
 Cable Type: Cat 6A U/UTP
 Calibration Date: 07/17/2013

Operator: ALBERTO GUZMAN
 Software Version: V2.0 Build 7
 Limits Version: V2.0
 NVP: 69.0%

Test Summary: PASS

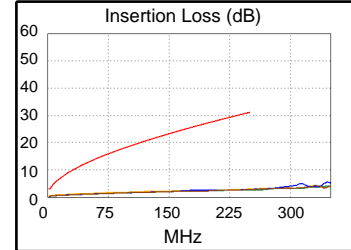
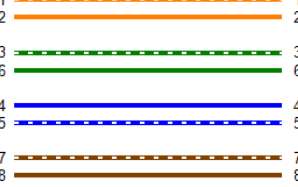
Model: DSX-5000
 Main S/N: 2437708
 Remote S/N: 2437653
 Main Adapter: DSX-CHA004
 Remote Adapter: DSX-CHA004

Length (ft), Limit 295	[Pair 12]	20
Prop. Delay (ns), Limit 498	[Pair 36]	30
Delay Skew (ns), Limit 44	[Pair 12]	0
Resistance (ohms)		N/A
Insertion Loss Margin (dB)	[Pair 12]	27.1
Frequency (MHz)	[Pair 12]	235.5
Limit (dB)	[Pair 12]	30.0



Wire Map (T568B)

PASS



Worst Case Margin Worst Case Value

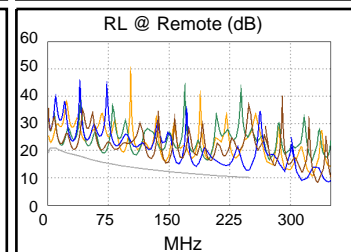
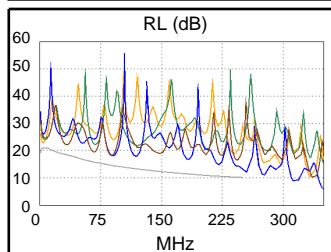
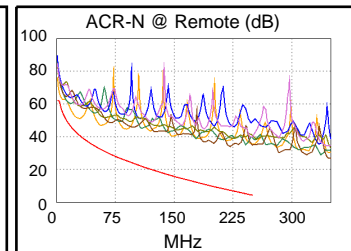
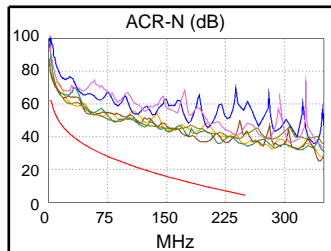
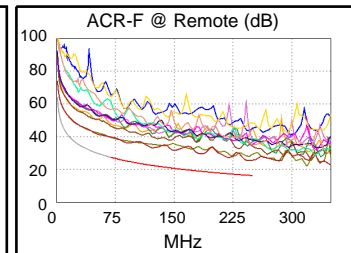
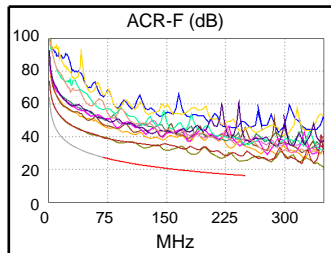
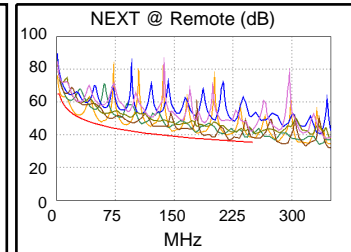
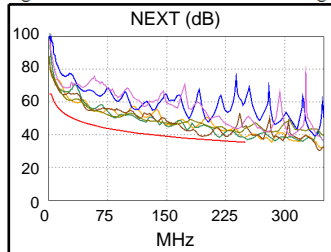
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	12-45	36-45
NEXT (dB)	2.0	0.6*	2.4	0.6
Freq. (MHz)	196.5	221.5	250.0	221.5
Limit (dB)	37.1	36.2	35.3	36.2
Worst Pair	12	36	12	36
PS NEXT (dB)	2.3	0.8*	2.3	1.5
Freq. (MHz)	250.0	222.0	250.0	250.0
Limit (dB)	32.7	33.6	32.7	32.7

PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	8.5	8.9	8.6	8.9
Freq. (MHz)	243.5	245.0	245.0	245.0
Limit (dB)	16.5	16.4	16.4	16.4
Worst Pair	45	36	45	36
PS ACR-F (dB)	11.1	11.5	11.3	11.5
Freq. (MHz)	243.5	244.5	248.5	244.5
Limit (dB)	13.5	13.4	13.3	13.4

N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	12-45	36-45
ACR-N (dB)	14.6	4.9	30.6	26.7
Freq. (MHz)	3.6	3.5	250.0	221.5
Limit (dB)	61.4	61.7	4.2	7.2
Worst Pair	36	36	12	36
PS ACR-N (dB)	13.0	6.3	30.8	29.9
Freq. (MHz)	3.9	4.3	250.0	250.0
Limit (dB)	58.5	57.8	1.6	1.6

N/A	MAIN	SR	MAIN	SR
Worst Pair	12	78	45	45
RL (dB)	1.8	1.9	3.0	2.6
Freq. (MHz)	4.9	32.3	250.0	248.0
Limit (dB)	21.0	18.5	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



* Measurement is within the accuracy limits of the instrument.

Cable ID: A04

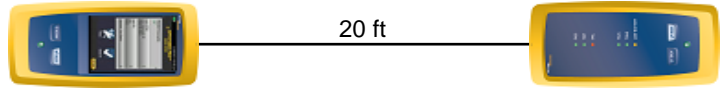
Date / Time: 08/20/2013 07:07:04 PM
Headroom -0.4 dB (NEXT 12-36)
Test Limit: TIA Cat 6 Perm. Link
 Cable Type: Cat 6A U/UTP
 Calibration Date: 07/17/2013

Operator: ALBERTO GUZMAN
 Software Version: V2.0 Build 7
 Limits Version: V2.0
 NVP: 69.0%

Test Summary: FAIL

Model: DSX-5000
 Main S/N: 2437708
 Remote S/N: 2437653
 Main Adapter: DSX-CHA004
 Remote Adapter: DSX-CHA004

Length (ft), Limit 295	[Pair 12]	20
Prop. Delay (ns), Limit 498	[Pair 36]	30
Delay Skew (ns), Limit 44	[Pair 12]	0
Resistance (ohms)		N/A
Insertion Loss Margin (dB)	[Pair 12]	27.1
Frequency (MHz)	[Pair 12]	235.0
Limit (dB)	[Pair 12]	30.0



Wire Map (T568B)

PASS



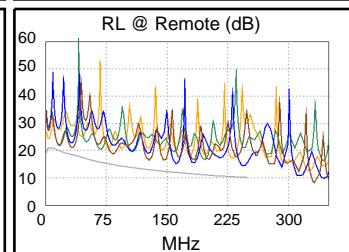
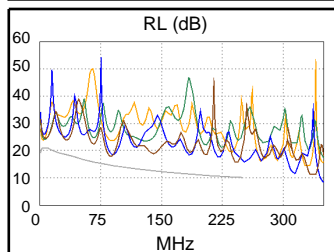
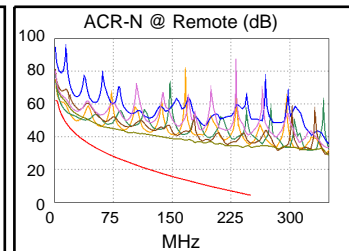
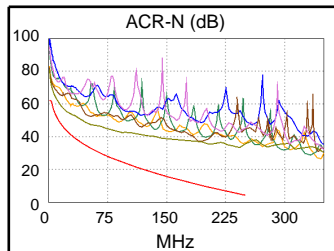
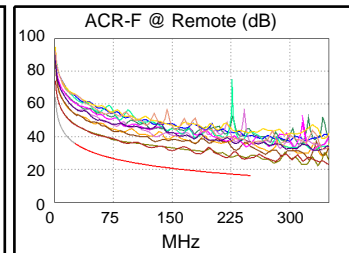
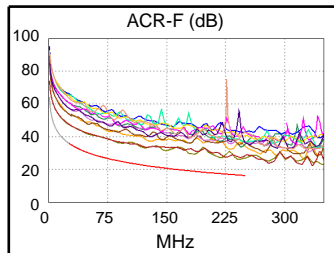
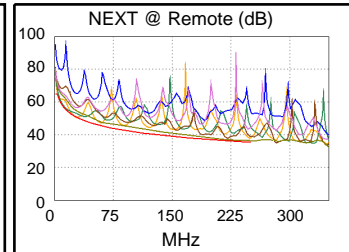
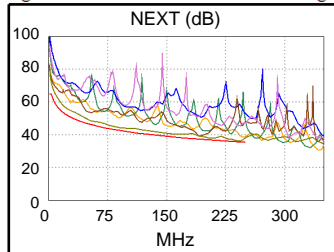
Worst Case Margin Worst Case Value

FAIL	MAIN	SR	MAIN	SR
Worst Pair	36-78	12-36	36-78	36-78
NEXT (dB)	0.5*	-0.4F	0.6	0.5
Freq. (MHz)	242.5	28.3	243.5	241.0
Limit (dB)	35.6	50.7	35.5	35.6
Worst Pair	36	36	36	36
PS NEXT (dB)	1.0	-0.2F	1.3	0.0
Freq. (MHz)	191.0	218.5	246.0	250.0
Limit (dB)	34.7	33.7	32.8	32.7

PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	9.5	9.7	9.6	9.7
Freq. (MHz)	240.5	243.0	243.0	243.0
Limit (dB)	16.6	16.5	16.5	16.5
Worst Pair	45	36	45	36
PS ACR-F (dB)	11.7	12.0	11.8	12.1
Freq. (MHz)	240.5	243.0	243.5	244.0
Limit (dB)	13.6	13.5	13.5	13.4

N/A	MAIN	SR	MAIN	SR
Worst Pair	36-78	12-36	36-78	36-78
ACR-N (dB)	9.6	3.8	28.4	28.4
Freq. (MHz)	4.5	3.5	241.5	241.0
Limit (dB)	59.5	61.7	5.1	5.1
Worst Pair	36	12	36	36
PS ACR-N (dB)	9.1	4.0	29.5	28.5
Freq. (MHz)	4.0	4.3	246.0	250.0
Limit (dB)	58.3	57.8	2.0	1.6

N/A	MAIN	SR	MAIN	SR
Worst Pair	12	36	78	45
RL (dB)	2.8	1.8	5.3	4.1
Freq. (MHz)	4.6	16.1	242.5	244.5
Limit (dB)	21.0	20.0	10.2	10.1



* Measurement is within the accuracy limits of the instrument.



Cable ID: A05

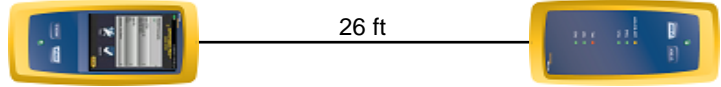
Date / Time: 08/20/2013 07:10:38 PM
Headroom 2.7 dB (NEXT 36-45)
Test Limit: TIA Cat 6 Perm. Link
 Cable Type: Cat 6 U/UTP
 Calibration Date: 07/17/2013

Operator: ALBERTO GUZMAN
 Software Version: V2.0 Build 7
 Limits Version: V2.0
 NVP: 69.0%

Test Summary: PASS

Model: DSX-5000
 Main S/N: 2437708
 Remote S/N: 2437653
 Main Adapter: DSX-CHA004
 Remote Adapter: DSX-CHA004

Length (ft), Limit 295	[Pair 78]	26
Prop. Delay (ns), Limit 498	[Pair 12]	39
Delay Skew (ns), Limit 44	[Pair 12]	1
Resistance (ohms)		N/A
Insertion Loss Margin (dB)	[Pair 78]	26.7
Frequency (MHz)	[Pair 78]	237.0
Limit (dB)	[Pair 78]	30.2



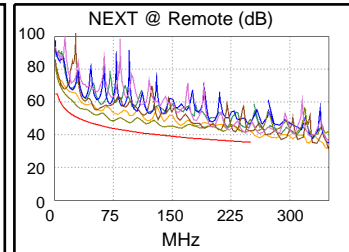
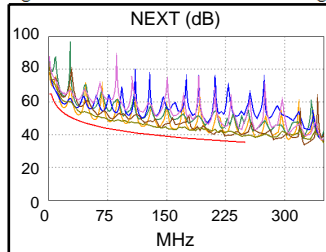
Wire Map (T568B)

PASS

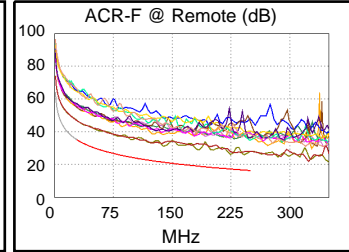
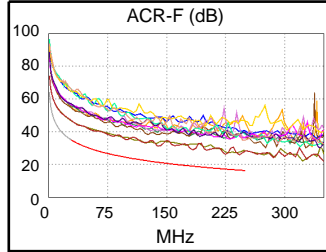


Worst Case Margin Worst Case Value

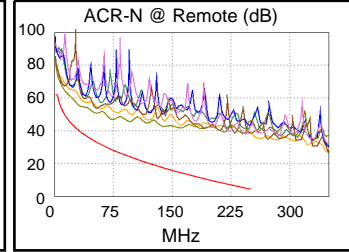
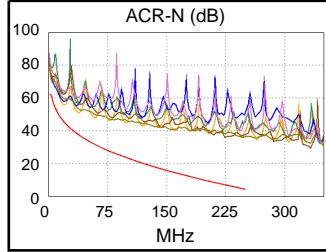
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-78	36-45	45-78
NEXT (dB)	2.7	4.5	2.7	5.5
Freq. (MHz)	225.5	74.0	225.5	244.5
Limit (dB)	36.1	44.0	36.1	35.5
Worst Pair	36	36	36	45
PS NEXT (dB)	2.0	5.0	2.3	5.1
Freq. (MHz)	225.5	210.0	246.5	246.5
Limit (dB)	33.5	34.0	32.8	32.8



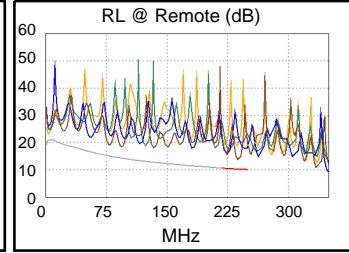
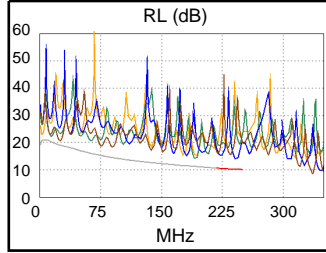
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	9.0	8.9	9.5	9.5
Freq. (MHz)	224.5	224.5	243.5	243.5
Limit (dB)	17.2	17.2	16.5	16.5
Worst Pair	36	45	36	45
PS ACR-F (dB)	11.8	11.4	12.2	12.0
Freq. (MHz)	224.5	224.5	243.0	243.5
Limit (dB)	14.2	14.2	13.5	13.5



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	36-78	36-45	45-78
ACR-N (dB)	8.6	12.8	28.8	33.1
Freq. (MHz)	3.4	3.5	225.5	244.5
Limit (dB)	61.8	61.7	6.8	4.8
Worst Pair	36	36	36	45
PS ACR-N (dB)	8.8	11.6	29.9	32.6
Freq. (MHz)	3.8	3.9	246.5	246.5
Limit (dB)	58.6	58.5	2.0	2.0



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	78	45	78
RL (dB)	3.7	3.4	3.8	3.4
Freq. (MHz)	242.5	238.5	243.0	238.5
Limit (dB)	10.2	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: A06

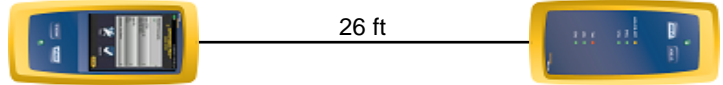
Date / Time: 08/20/2013 07:12:52 PM
Headroom -1.7 dB (NEXT 36-45)
Test Limit: TIA Cat 6 Perm. Link
 Cable Type: Cat 6 U/UTP
 Calibration Date: 07/17/2013

Operator: ALBERTO GUZMAN
 Software Version: V2.0 Build 7
 Limits Version: V2.0
 NVP: 69.0%

Test Summary: FAIL

Model: DSX-5000
 Main S/N: 2437708
 Remote S/N: 2437653
 Main Adapter: DSX-CHA004
 Remote Adapter: DSX-CHA004

Length (ft), Limit 295	[Pair 45]	26
Prop. Delay (ns), Limit 498	[Pair 12]	39
Delay Skew (ns), Limit 44	[Pair 12]	1
Resistance (ohms)		N/A
Insertion Loss Margin (dB)	[Pair 12]	26.6
Frequency (MHz)	[Pair 12]	235.5
Limit (dB)	[Pair 12]	30.0



Wire Map (T568B)

PASS



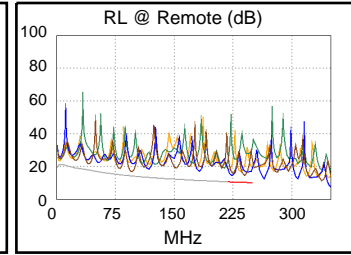
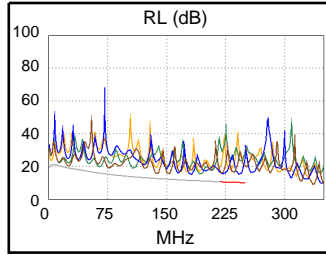
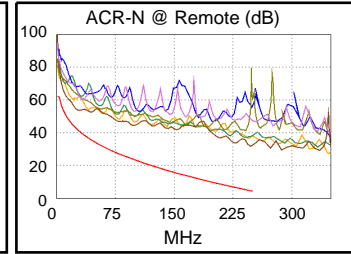
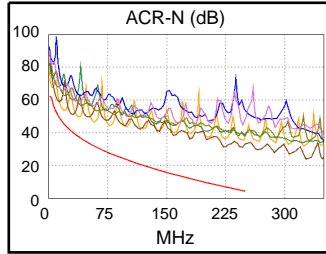
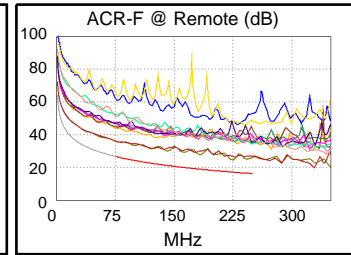
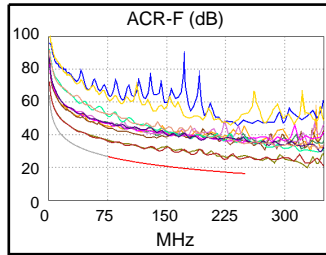
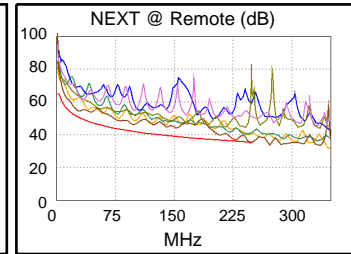
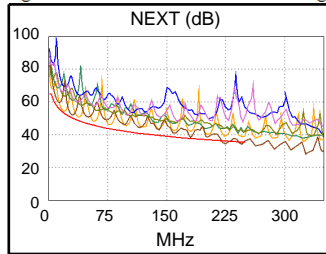
Worst Case Margin Worst Case Value

FAIL	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	-1.7F	-0.6F	-1.6	-0.6
Freq. (MHz)	224.5	248.0	245.0	248.0
Limit (dB)	36.1	35.4	35.5	35.4
Worst Pair	36	36	36	36
PS NEXT (dB)	-0.7F	1.0*	-0.4	1.0
Freq. (MHz)	223.5	248.0	246.0	248.0
Limit (dB)	33.5	32.8	32.8	32.8

PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	7.6	7.2	7.7	7.2
Freq. (MHz)	224.5	224.5	225.5	224.5
Limit (dB)	17.2	17.2	17.1	17.2
Worst Pair	36	45	36	45
PS ACR-F (dB)	10.3	9.7	10.4	9.7
Freq. (MHz)	224.5	224.5	225.5	224.5
Limit (dB)	14.2	14.2	14.1	14.2

N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	36-45	36-45	36-45
ACR-N (dB)	6.8	11.8	26.0	27.2
Freq. (MHz)	3.5	25.1	245.0	248.0
Limit (dB)	61.7	42.6	4.7	4.4
Worst Pair	36	36	36	36
PS ACR-N (dB)	8.0	11.9	27.2	28.8
Freq. (MHz)	3.9	4.8	246.0	248.0
Limit (dB)	58.5	56.8	2.0	1.8

PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
RL (dB)	4.9	3.9	5.0	3.9
Freq. (MHz)	242.5	224.0	243.0	224.0
Limit (dB)	10.2	10.5	10.1	10.5



* Measurement is within the accuracy limits of the instrument.



Cable ID: A07

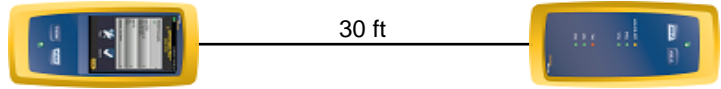
Date / Time: 08/20/2013 07:15:59 PM
Headroom 2.1 dB (NEXT 12-36)
Test Limit: TIA Cat 6 Perm. Link
 Cable Type: Cat 6 U/UTP
 Calibration Date: 07/17/2013

Operator: ALBERTO GUZMAN
 Software Version: V2.0 Build 7
 Limits Version: V2.0
 NVP: 69.0%

Test Summary: PASS

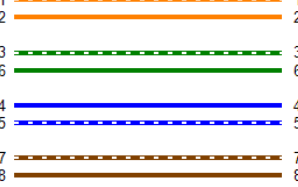
Model: DSX-5000
 Main S/N: 2437708
 Remote S/N: 2437653
 Main Adapter: DSX-CHA004
 Remote Adapter: DSX-CHA004

Length (ft), Limit 295	[Pair 36]	30
Prop. Delay (ns), Limit 498	[Pair 12]	45
Delay Skew (ns), Limit 44	[Pair 12]	1
Resistance (ohms)		N/A
Insertion Loss Margin (dB)	[Pair 78]	26.6
Frequency (MHz)	[Pair 78]	240.0
Limit (dB)	[Pair 78]	30.4



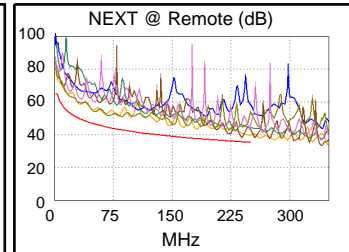
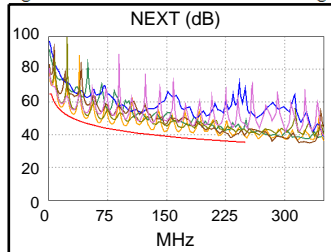
Wire Map (T568B)

PASS

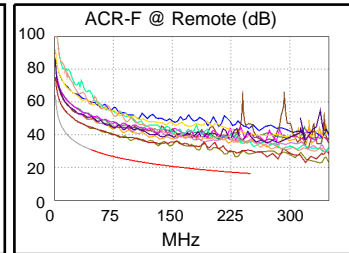
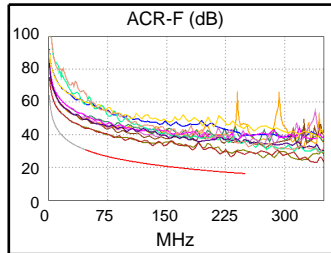


Worst Case Margin Worst Case Value

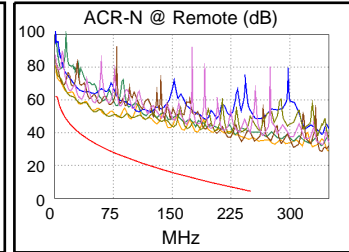
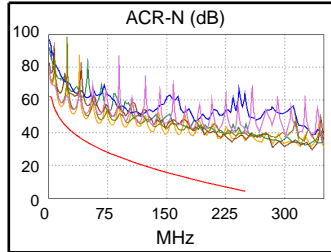
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	36-45	36-45	36-45
NEXT (dB)	2.1	2.5	2.2	2.5
Freq. (MHz)	15.6	239.0	233.0	239.0
Limit (dB)	54.8	35.7	35.8	35.7
Worst Pair	36	36	36	36
PS NEXT (dB)	2.0	2.7	2.5	2.7
Freq. (MHz)	233.5	239.0	250.0	239.0
Limit (dB)	33.2	33.0	32.7	33.0



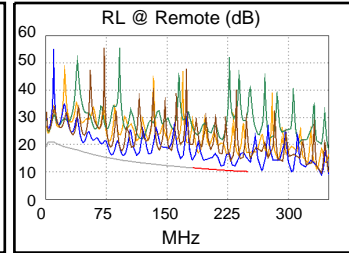
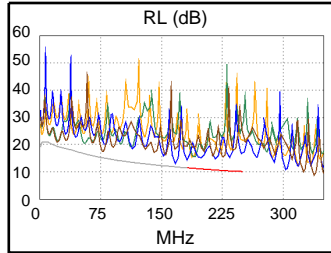
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	9.6	9.4	9.6	9.4
Freq. (MHz)	232.5	232.5	232.5	232.5
Limit (dB)	16.9	16.9	16.9	16.9
Worst Pair	36	45	36	45
PS ACR-F (dB)	12.1	11.8	12.1	11.8
Freq. (MHz)	232.5	232.0	232.5	232.0
Limit (dB)	13.9	13.9	13.9	13.9



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	36-45	36-45
ACR-N (dB)	8.0	11.8	28.4	29.3
Freq. (MHz)	3.4	3.5	233.0	239.0
Limit (dB)	61.8	61.7	6.0	5.4
Worst Pair	36	36	36	36
PS ACR-N (dB)	8.1	11.9	30.1	29.5
Freq. (MHz)	14.4	3.9	250.0	239.0
Limit (dB)	46.3	58.5	1.6	2.7



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
RL (dB)	1.2	1.2	1.2	1.2
Freq. (MHz)	167.5	218.0	167.5	218.0
Limit (dB)	11.8	10.6	11.8	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: A08

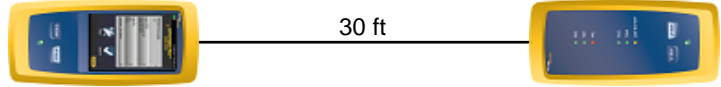
Date / Time: 08/20/2013 07:16:37 PM
Headroom 1.7 dB (NEXT 12-36)
Test Limit: TIA Cat 6 Perm. Link
 Cable Type: Cat 6 U/UTP
 Calibration Date: 07/17/2013

Operator: ALBERTO GUZMAN
 Software Version: V2.0 Build 7
 Limits Version: V2.0
 NVP: 69.0%

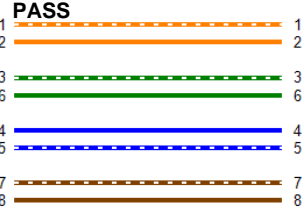
Test Summary: PASS

Model: DSX-5000
 Main S/N: 2437708
 Remote S/N: 2437653
 Main Adapter: DSX-CHA004
 Remote Adapter: DSX-CHA004

Length (ft), Limit 295	[Pair 36]	30
Prop. Delay (ns), Limit 498	[Pair 12]	45
Delay Skew (ns), Limit 44	[Pair 12]	1
Resistance (ohms)		N/A
Insertion Loss Margin (dB)	[Pair 12]	26.4
Frequency (MHz)	[Pair 12]	238.0
Limit (dB)	[Pair 12]	30.2

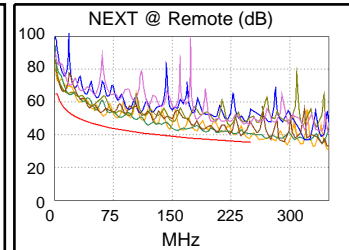
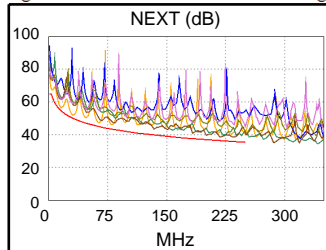


Wire Map (T568B)

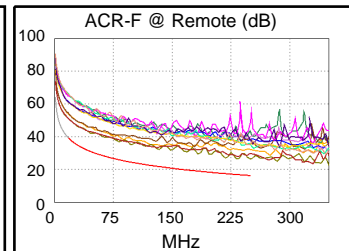
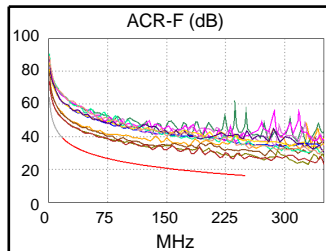


Worst Case Margin Worst Case Value

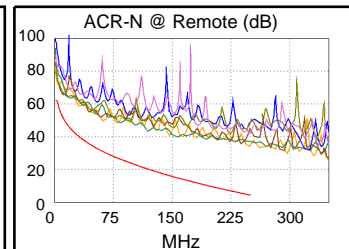
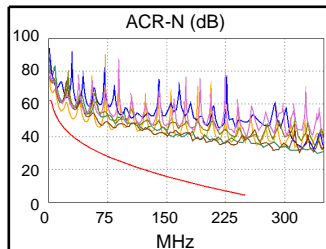
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	36-45	12-36
NEXT (dB)	1.7	2.2	2.0	2.2
Freq. (MHz)	16.4	248.5	219.5	248.5
Limit (dB)	54.4	35.4	36.3	35.4
Worst Pair	36	12	36	12
PS NEXT (dB)	2.1	2.9	2.5	2.9
Freq. (MHz)	16.4	248.0	234.0	248.0
Limit (dB)	52.1	32.8	33.2	32.8



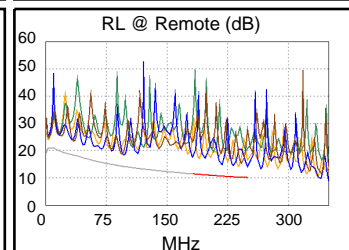
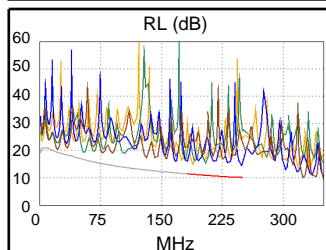
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	9.6	9.4	10.2	10.1
Freq. (MHz)	234.0	232.5	250.0	250.0
Limit (dB)	16.8	16.9	16.2	16.2
Worst Pair	36	36	36	45
PS ACR-F (dB)	11.9	11.7	12.1	12.6
Freq. (MHz)	1.0	122.0	233.5	250.0
Limit (dB)	61.2	19.5	13.8	13.2



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	36-45	12-36
ACR-N (dB)	6.1	11.1	27.4	29.7
Freq. (MHz)	3.5	3.5	219.5	248.5
Limit (dB)	61.7	61.7	7.4	4.4
Worst Pair	36	36	36	12
PS ACR-N (dB)	6.9	10.6	29.1	30.3
Freq. (MHz)	3.9	3.9	234.0	248.0
Limit (dB)	58.5	58.5	3.2	1.8



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	45	45	45
RL (dB)	3.8	3.9	4.5	3.9
Freq. (MHz)	189.5	250.0	248.5	250.0
Limit (dB)	11.2	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: A09

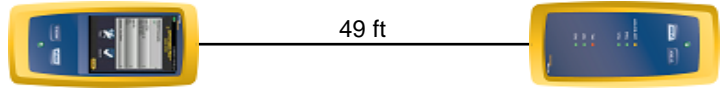
Date / Time: 08/22/2013 12:01:38 PM
Headroom 1.6 dB (NEXT 36-78)
Test Limit: TIA Cat 6 Perm. Link
 Cable Type: Cat 6 U/UTP
 Calibration Date: 07/17/2013

Operator: JOSUE PAULINO
 Software Version: V2.1 Build 5
 Limits Version: V2.1
 NVP: 69.0%

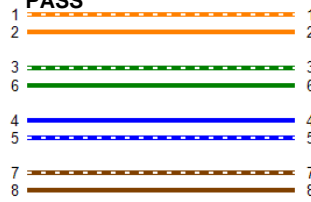
Test Summary: PASS

Model: DSX-5000
 Main S/N: 2437708
 Remote S/N: 2437653
 Main Adapter: DSX-CHA004
 Remote Adapter: DSX-CHA004

Length (ft), Limit 295	[Pair 45]	49
Prop. Delay (ns), Limit 498	[Pair 12]	75
Delay Skew (ns), Limit 44	[Pair 12]	3
Resistance (ohms)		N/A
Insertion Loss Margin (dB)	[Pair 36]	25.9
Frequency (MHz)	[Pair 36]	250.0
Limit (dB)	[Pair 36]	31.1

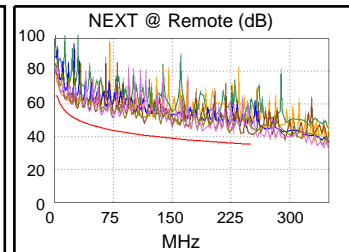
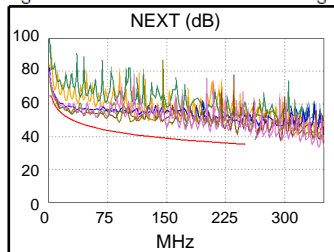


Wire Map (T568B)
PASS

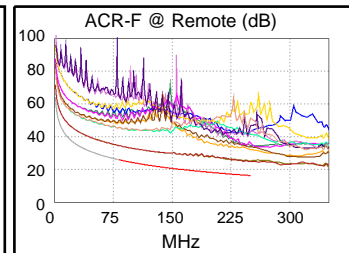
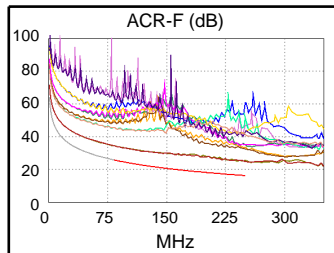


Worst Case Margin Worst Case Value

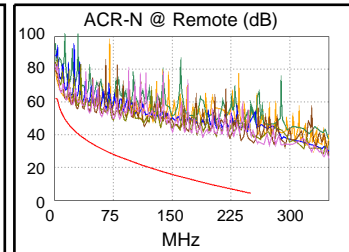
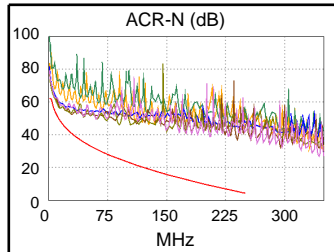
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-45	36-45	36-45
NEXT (dB)	1.6	5.2	6.3	5.3
Freq. (MHz)	13.5	239.0	240.5	239.5
Limit (dB)	55.8	35.7	35.6	35.6
Worst Pair	36	36	45	36
PS NEXT (dB)	1.0	5.5	7.9	6.8
Freq. (MHz)	14.0	14.0	241.0	239.0
Limit (dB)	53.2	53.2	33.0	33.0



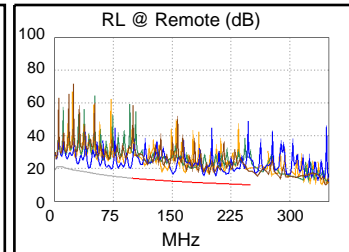
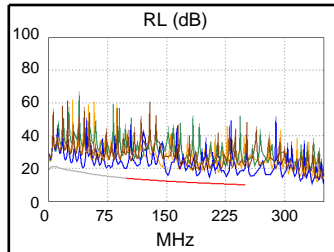
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	7.7	7.7	8.2	8.5
Freq. (MHz)	2.0	2.0	240.5	248.5
Limit (dB)	58.2	58.2	16.6	16.3
Worst Pair	45	45	36	36
PS ACR-F (dB)	9.7	9.9	11.1	10.7
Freq. (MHz)	1.1	1.3	249.0	248.5
Limit (dB)	60.2	59.3	13.3	13.3



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-78	12-36	36-45	36-45
ACR-N (dB)	6.4	10.8	31.7	30.6
Freq. (MHz)	3.6	3.5	240.5	239.5
Limit (dB)	61.4	61.7	5.2	5.3
Worst Pair	78	36	45	36
PS ACR-N (dB)	5.6	10.0	33.4	32.1
Freq. (MHz)	4.3	6.8	241.0	239.0
Limit (dB)	57.8	53.6	2.5	2.7



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
RL (dB)	3.5	4.4	3.5	4.7
Freq. (MHz)	190.0	152.0	190.0	220.5
Limit (dB)	11.2	12.2	11.2	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