



Cable ID: V2-20

Test Summary: PASS

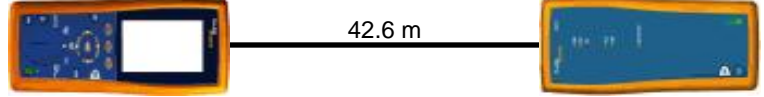
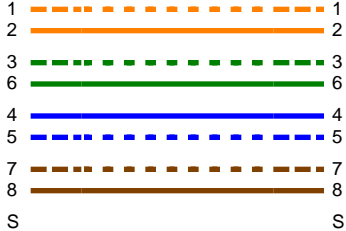
Date / Time: 08/25/2009 10:57:31am
Headroom: 2.8 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

Operator: NANCY RAMON
 Software Version: 2.1200
 Limits Version: 1.2800
 NVP: 69.0%

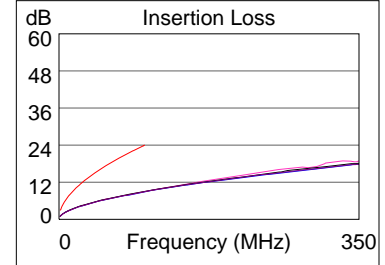
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

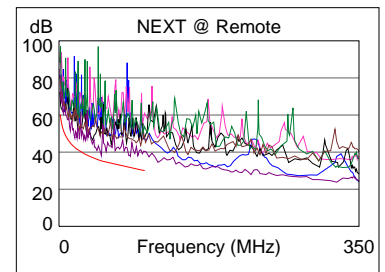
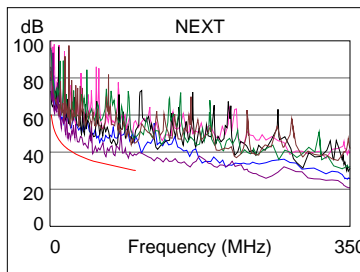
PASS



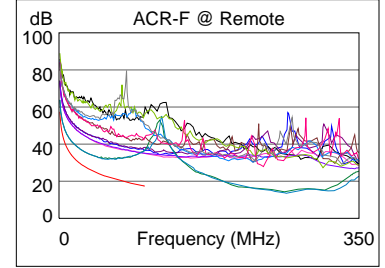
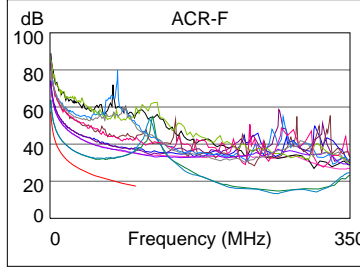
Length (m), Limit 100.0	[Pair 78]	42.6
Prop. Delay (ns), Limit 555		212
Delay Skew (ns), Limit 50		6
Resistance (ohms)	[Pair 12]	7.6
Insertion Loss Margin (dB)	[Pair 36]	15.0
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



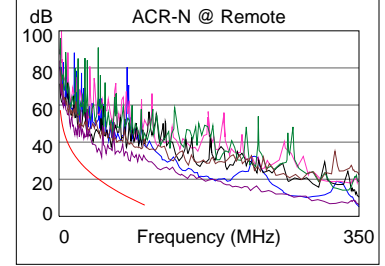
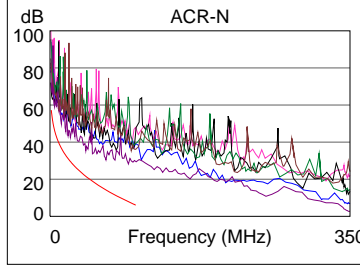
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	3.5	2.8	6.1	6.3
Freq. (MHz)	50.0	49.5	91.5	83.3
Limit (dB)	35.2	35.3	30.7	31.5
Worst Pair	36	45	36	45
PS NEXT (dB)	6.1	5.5	9.3	8.9
Freq. (MHz)	50.3	49.5	99.5	83.5
Limit (dB)	32.2	32.3	27.1	28.4



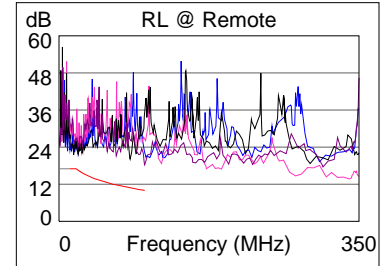
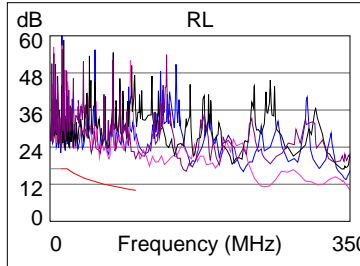
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	6.3	6.3	10.5	9.4
Freq. (MHz)	1.9	1.3	65.0	56.8
Limit (dB)	51.9	55.5	21.1	22.3
Worst Pair	45	45	45	36
PS ACR-F (dB)	8.8	8.8	12.6	12.8
Freq. (MHz)	1.9	1.3	65.0	65.0
Limit (dB)	48.9	52.5	18.1	18.1



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-78	12-78	36-45	36-45
ACR-N (dB)	8.7	8.1	21.9	22.8
Freq. (MHz)	2.0	2.3	99.5	100.0
Limit (dB)	55.3	54.3	6.2	6.1
Worst Pair	78	78	36	45
PS ACR-N (dB)	11.5	10.8	24.2	25.2
Freq. (MHz)	2.0	2.3	99.5	100.0
Limit (dB)	52.3	51.3	3.2	3.1



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	45	78	78
RL (dB)	5.1	4.5	9.6	8.3
Freq. (MHz)	12.6	17.1	99.5	100.0
Limit (dB)	17.0	17.0	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: V2-19

Test Summary: PASS

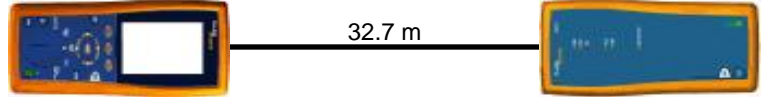
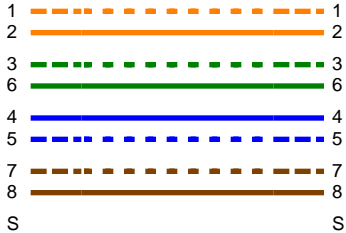
Date / Time: 08/25/2009 09:41:05am
 Headroom: 5.3 dB (NEXT 36-45)
 Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

Operator: NANCY RAMON
 Software Version: 2.1200
 Limits Version: 1.2800
 NVP: 69.0%

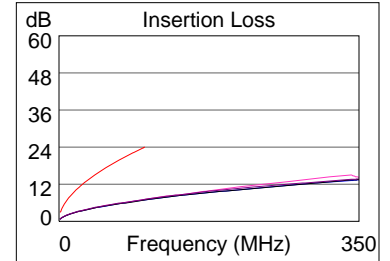
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

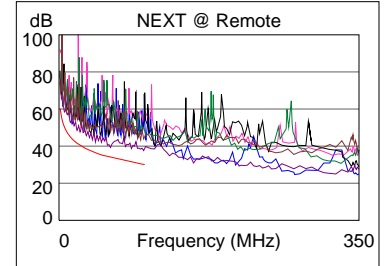
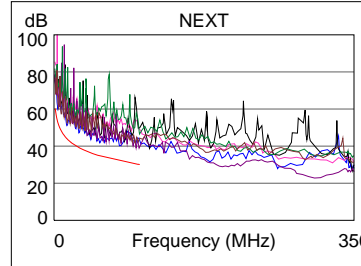
PASS



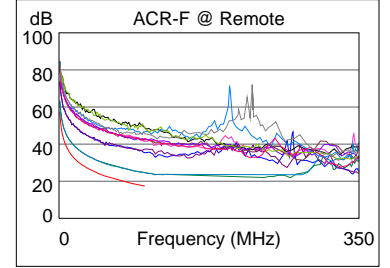
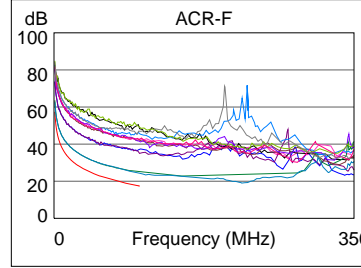
Length (m), Limit 100.0	[Pair 12]	32.7
Prop. Delay (ns), Limit 555		161
Delay Skew (ns), Limit 50		3
Resistance (ohms)	[Pair 12]	6.1
Insertion Loss Margin (dB)	[Pair 36]	16.9
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



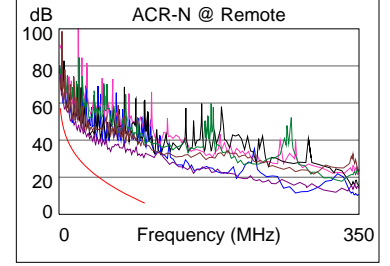
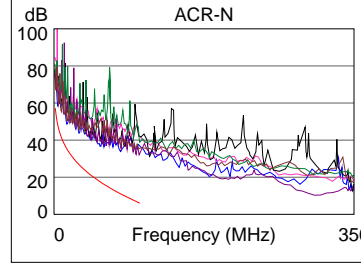
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-36	36-45	36-45	36-45
NEXT (dB)	6.5	5.3	8.6	7.2
Freq. (MHz)	54.0	60.3	99.5	99.0
Limit (dB)	34.7	33.9	30.1	30.2
Worst Pair	36	36	36	45
PS NEXT (dB)	7.4	7.5	9.7	9.3
Freq. (MHz)	42.8	42.8	95.8	99.0
Limit (dB)	33.4	33.4	27.4	27.2



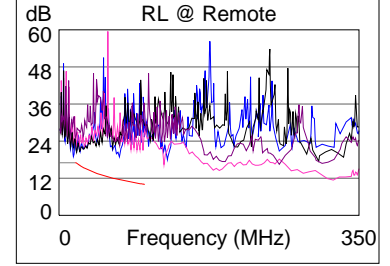
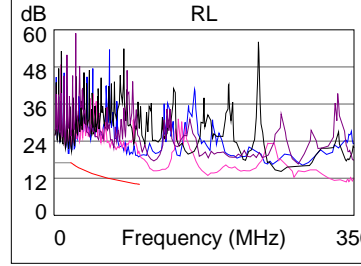
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	5.2	5.2	6.8	7.0
Freq. (MHz)	1.0	1.0	98.8	98.8
Limit (dB)	57.4	57.4	17.5	17.5
Worst Pair	36	45	36	36
PS ACR-F (dB)	7.9	8.1	9.5	9.8
Freq. (MHz)	1.0	1.0	98.8	99.5
Limit (dB)	54.4	54.4	14.5	14.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-36	36-45	36-45	36-45
ACR-N (dB)	10.6	11.6	25.7	24.3
Freq. (MHz)	4.5	6.1	99.5	99.0
Limit (dB)	48.0	45.0	6.2	6.3
Worst Pair	78	78	36	45
PS ACR-N (dB)	12.7	12.6	27.0	26.4
Freq. (MHz)	2.1	1.8	99.8	99.0
Limit (dB)	51.8	53.4	3.1	3.3



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45	45	12	12
RL (dB)	3.8	3.4	8.5	7.3
Freq. (MHz)	20.1	20.5	99.3	70.3
Limit (dB)	17.0	16.9	10.0	11.5



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: V2-18

Test Summary: PASS

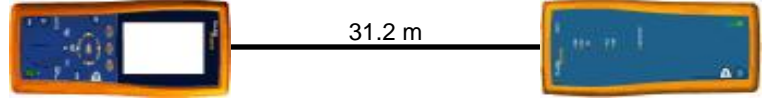
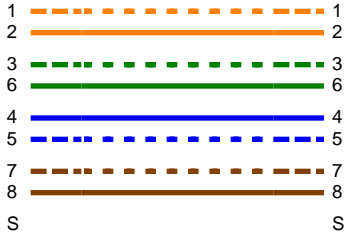
Date / Time: 08/25/2009 11:17:15am
Headroom: 5.0 dB (NEXT 12-36)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

Operator: NANCY RAMON
 Software Version: 2.1200
 Limits Version: 1.2800
 NVP: 69.0%

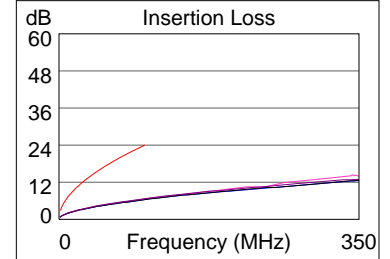
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

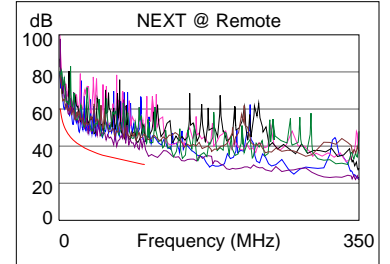
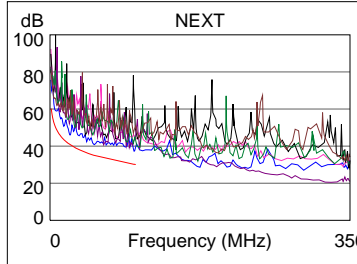
PASS



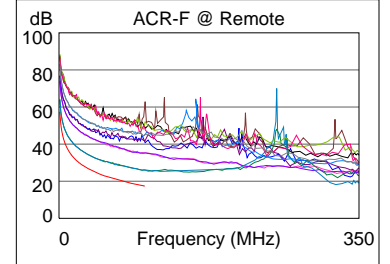
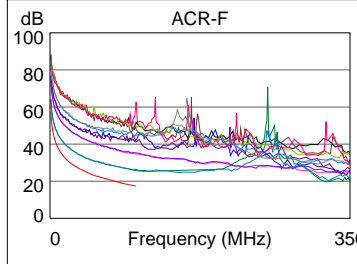
Length (m), Limit 100.0	[Pair 12]	31.2
Prop. Delay (ns), Limit 555		155
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	5.8
Insertion Loss Margin (dB)	[Pair 36]	17.4
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



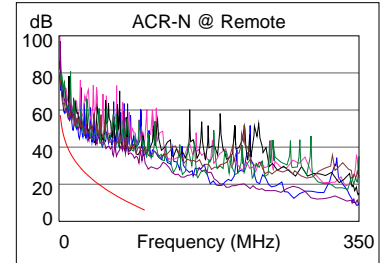
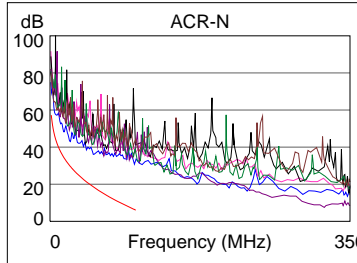
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-36	36-45	12-36	36-45
NEXT (dB)	5.0	6.4	7.0	6.4
Freq. (MHz)	23.1	92.8	98.3	92.8
Limit (dB)	40.9	30.6	30.2	30.6
Worst Pair	36	36	36	36
PS NEXT (dB)	6.8	8.3	8.0	8.9
Freq. (MHz)	23.0	38.5	97.5	92.8
Limit (dB)	38.0	34.2	27.3	27.6



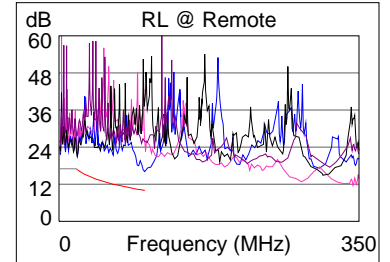
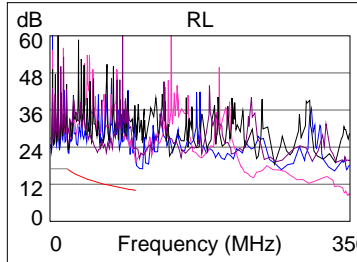
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	45-36	36-45
ACR-F (dB)	6.6	6.6	8.1	8.3
Freq. (MHz)	1.1	1.0	97.5	97.5
Limit (dB)	56.4	57.4	17.6	17.6
Worst Pair	45	45	45	45
PS ACR-F (dB)	9.1	9.1	10.8	10.6
Freq. (MHz)	2.3	2.1	96.8	98.8
Limit (dB)	47.4	47.9	14.7	14.5



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-36	12-36	12-36	36-45
ACR-N (dB)	12.3	13.0	24.3	23.3
Freq. (MHz)	5.3	5.8	98.3	92.8
Limit (dB)	46.5	45.6	6.4	7.6
Worst Pair	36	36	36	36
PS ACR-N (dB)	14.7	15.1	25.2	25.7
Freq. (MHz)	1.6	5.8	97.5	93.0
Limit (dB)	53.9	42.6	3.6	4.5



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36	12	36	12
RL (dB)	8.7	6.1	8.7	6.1
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: V2-17

Test Summary: PASS

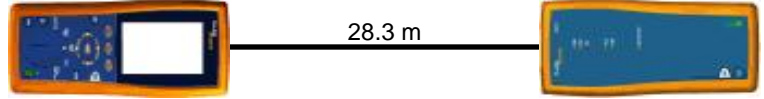
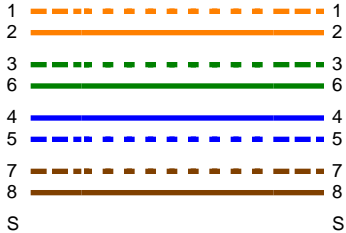
Date / Time: 08/25/2009 02:46:32pm
Headroom: 6.3 dB (NEXT 45-78)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

Operator: NANCY RAMON
 Software Version: 2.1200
 Limits Version: 1.2800
 NVP: 69.0%

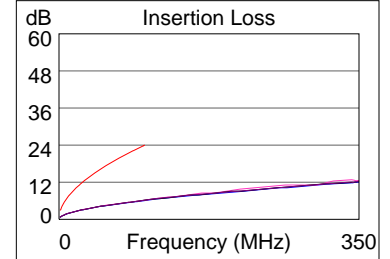
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

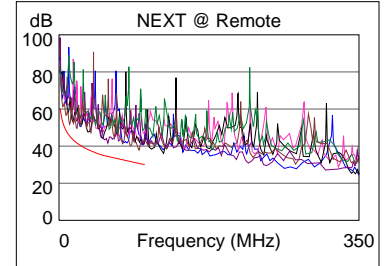
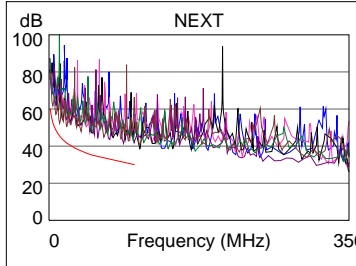
PASS



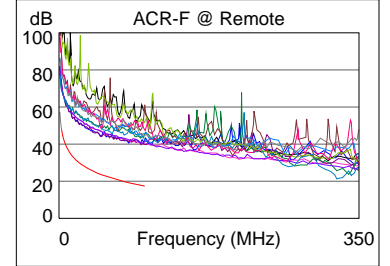
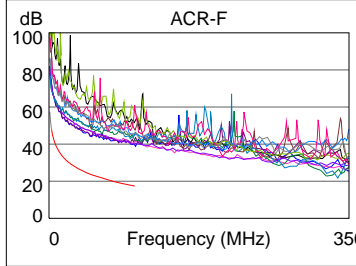
Length (m), Limit 100.0	[Pair 78]	28.3
Prop. Delay (ns), Limit 555		141
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 78]	6.0
Insertion Loss Margin (dB)	[Pair 36]	17.7
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



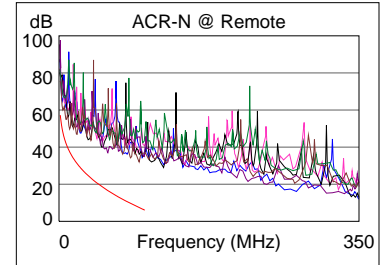
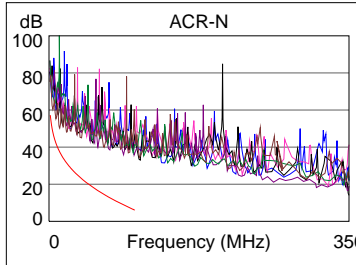
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-78	45-78	36-45	45-78
NEXT (dB)	6.8	6.3	10.4	7.2
Freq. (MHz)	12.3	12.3	86.8	93.3
Limit (dB)	45.5	45.5	31.1	30.6
Worst Pair	45	45	36	78
PS NEXT (dB)	9.5	8.8	11.7	8.8
Freq. (MHz)	12.4	12.3	98.5	93.3
Limit (dB)	42.5	42.5	27.2	27.6



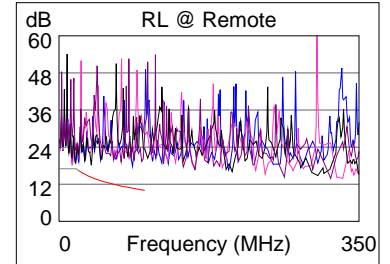
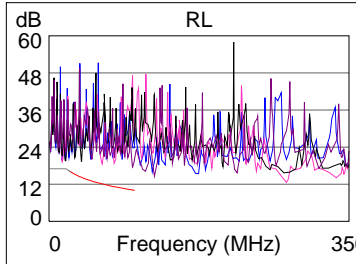
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-36	36-12	12-36	36-12
ACR-F (dB)	20.2	20.3	21.7	22.0
Freq. (MHz)	48.5	48.5	100.0	100.0
Limit (dB)	23.7	23.7	17.4	17.4
Worst Pair	12	36	12	12
PS ACR-F (dB)	21.6	21.3	22.9	22.1
Freq. (MHz)	15.8	49.8	99.3	96.0
Limit (dB)	30.5	20.5	14.5	14.8



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	45-78	45-78	36-45	45-78
ACR-N (dB)	12.0	11.8	29.4	24.4
Freq. (MHz)	4.0	3.9	99.5	93.3
Limit (dB)	49.1	49.4	6.2	7.5
Worst Pair	45	45	36	78
PS ACR-N (dB)	14.2	13.9	29.3	26.0
Freq. (MHz)	3.9	3.9	98.5	93.3
Limit (dB)	46.4	46.4	3.4	4.5



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45	45	78	12
RL (dB)	5.2	4.0	7.4	7.1
Freq. (MHz)	37.8	37.5	97.5	85.8
Limit (dB)	14.2	14.3	10.1	10.7



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: V1-38

Test Summary: FAIL

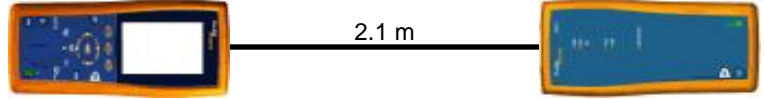
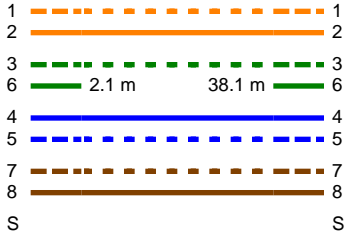
Date / Time: 08/25/2009 10:16:21am
Headroom: 0.3 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

Operator: NANCY RAMON
 Software Version: 2.1200
 Limits Version: 1.2800
 NVP: 69.0%

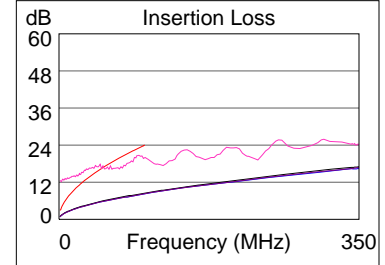
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

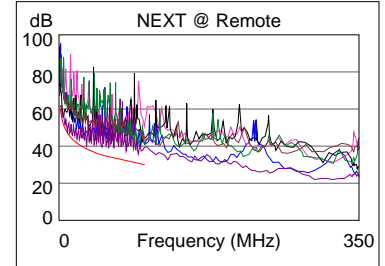
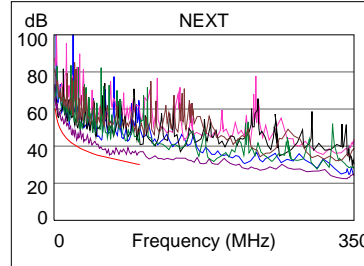
FAIL



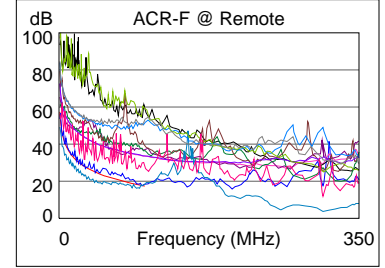
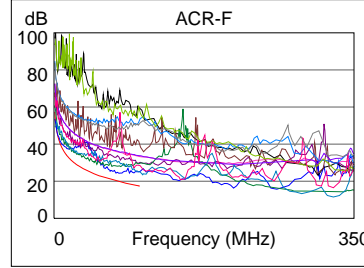
Length (m), Limit 100.0	[Pair 36]	2.1
Prop. Delay (ns), Limit 555		197
Delay Skew (ns), Limit 50		187 F
Resistance (ohms)	[Pair 36]	Open
Insertion Loss Margin (dB)	[Pair 36]	-9.6 F
Frequency (MHz)	[Pair 36]	1.5
Limit (dB)	[Pair 36]	3.0



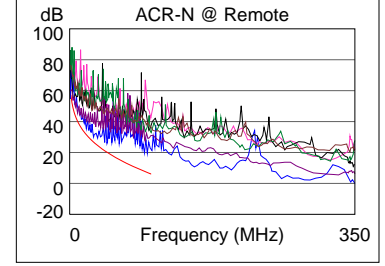
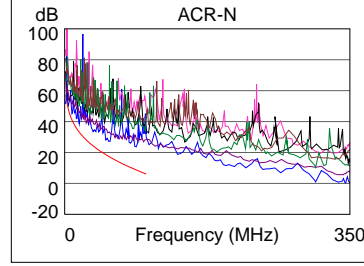
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	1.8	0.3*	1.8	5.0
Freq. (MHz)	67.5	1.3	67.5	92.5
Limit (dB)	33.0	60.0	33.0	30.7
Worst Pair	36	36	36	36
PS NEXT (dB)	4.4	2.7	6.0	6.4
Freq. (MHz)	1.9	1.0	84.8	92.3
Limit (dB)	55.9	57.0	28.3	27.7



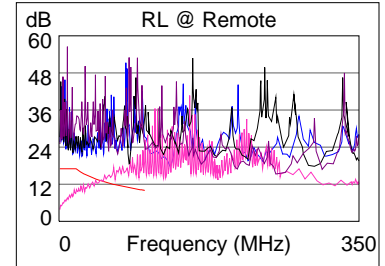
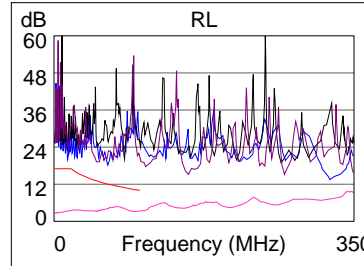
	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	45-36	45-36	12-36	45-36
ACR-F (dB)	-7.8 F	-8.2 F	5.9	-2.9
Freq. (MHz)	1.0	1.0	93.8	91.0
Limit (dB)	57.4	57.4	18.0	18.2
Worst Pair	36	45	36	12
PS ACR-F (dB)	-6.3 F	-4.8 F	5.8	8.5
Freq. (MHz)	1.0	1.0	93.8	93.8
Limit (dB)	54.4	54.4	15.0	15.0



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-36	12-36	12-36	12-36
ACR-N (dB)	-5.6	-2.4	13.8	11.6
Freq. (MHz)	1.0	1.0	88.5	92.0
Limit (dB)	57.0	57.0	8.5	7.8
Worst Pair	36	36	36	36
PS ACR-N (dB)	-5.0	-6.9	10.3	9.1
Freq. (MHz)	1.8	1.0	96.5	92.5
Limit (dB)	53.4	54.0	3.8	4.7



	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	36	36	36	36
RL (dB)	-14.5 F	-13.2 F	-14.5	-13.2
Freq. (MHz)	1.0	1.0	1.0	1.0
Limit (dB)	17.0	17.0	17.0	17.0



* Measurement is within the accuracy limits of the instrument.



Cable ID: V1-22

Test Summary: PASS

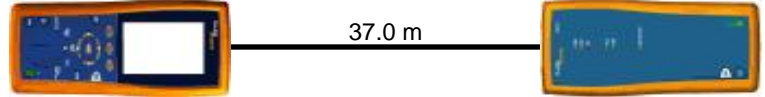
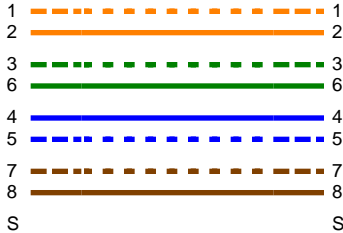
Date / Time: 08/25/2009 11:28:22am
Headroom: 5.1 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

Operator: NANCY RAMON
 Software Version: 2.1200
 Limits Version: 1.2800
 NVP: 69.0%

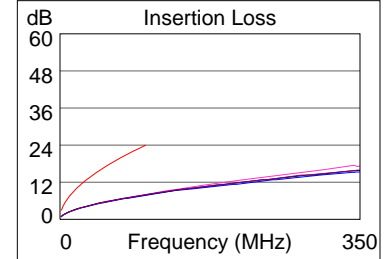
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

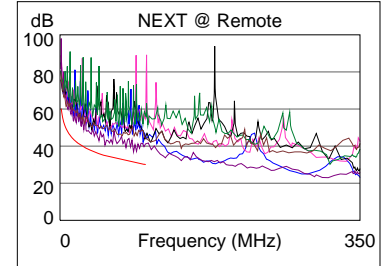
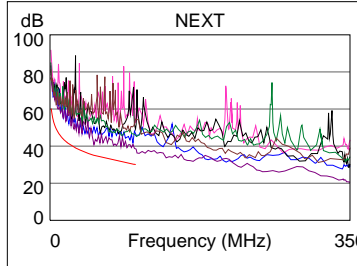
PASS



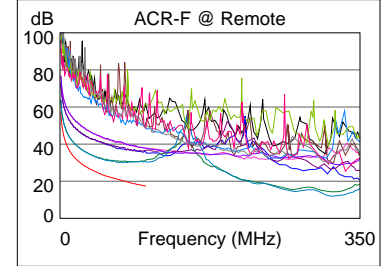
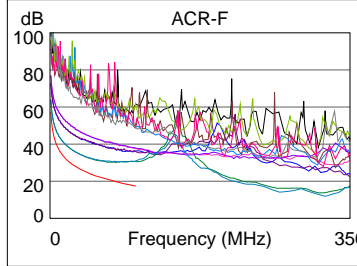
Length (m), Limit 100.0	[Pair 78]	37.0
Prop. Delay (ns), Limit 555		183
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	6.8
Insertion Loss Margin (dB)	[Pair 36]	15.9
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



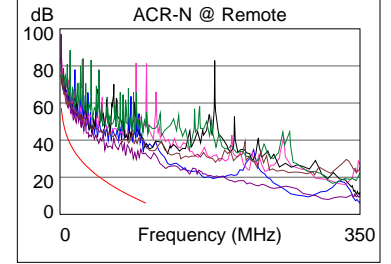
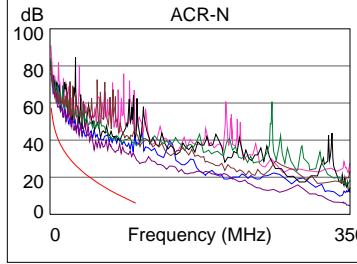
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	5.1	5.2	7.3	5.7
Freq. (MHz)	51.8	52.0	89.3	85.8
Limit (dB)	35.0	35.0	30.9	31.2
Worst Pair	36	36	36	45
PS NEXT (dB)	7.7	7.8	9.9	8.2
Freq. (MHz)	51.8	52.3	97.8	86.0
Limit (dB)	32.0	31.9	27.2	28.2



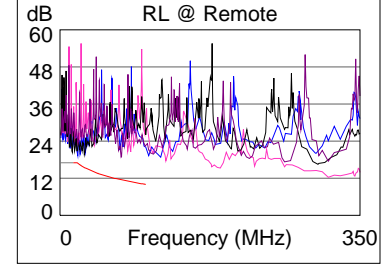
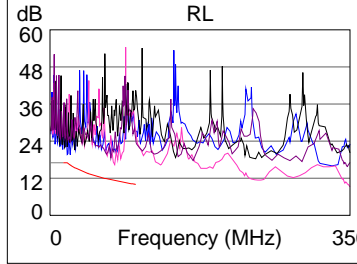
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	6.4	6.4	10.1	10.0
Freq. (MHz)	2.0	1.1	75.3	75.3
Limit (dB)	51.4	56.4	19.9	19.9
Worst Pair	36	36	36	36
PS ACR-F (dB)	9.0	8.9	13.6	12.3
Freq. (MHz)	1.0	2.0	87.5	75.3
Limit (dB)	54.4	48.4	15.6	16.9



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-36	12-78	36-45	36-45
ACR-N (dB)	15.0	15.5	22.4	20.5
Freq. (MHz)	3.5	2.1	89.3	85.8
Limit (dB)	50.3	54.8	8.4	9.2
Worst Pair	36	78	36	45
PS ACR-N (dB)	16.1	15.4	25.6	23.1
Freq. (MHz)	3.0	1.6	97.8	86.0
Limit (dB)	48.7	53.9	3.5	6.1



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	36	78
RL (dB)	2.2	2.2	4.9	7.3
Freq. (MHz)	20.5	20.5	75.0	71.3
Limit (dB)	16.9	16.9	11.3	11.5



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: V1-20

Test Summary: PASS

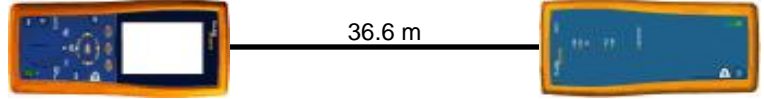
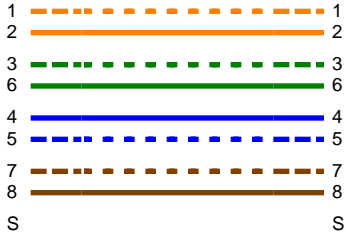
Date / Time: 08/25/2009 11:29:45am
Headroom: 6.0 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

Operator: NANCY RAMON
 Software Version: 2.1200
 Limits Version: 1.2800
 NVP: 69.0%

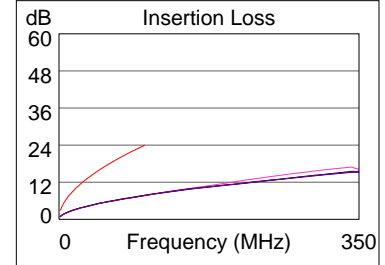
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

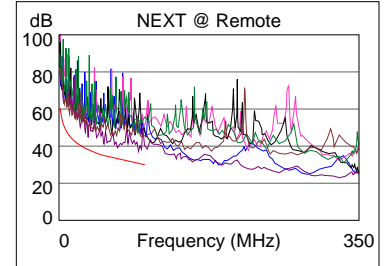
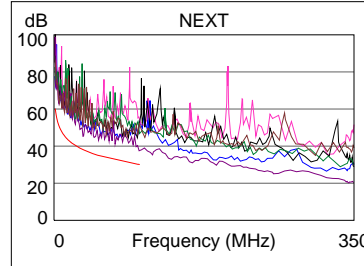
PASS



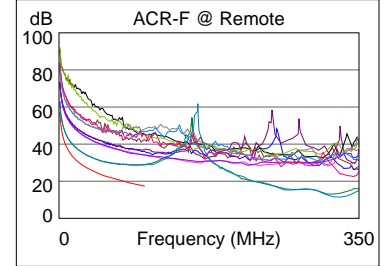
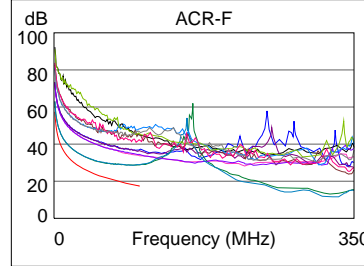
Length (m), Limit 100.0	[Pair 78]	36.6
Prop. Delay (ns), Limit 555		181
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	6.7
Insertion Loss Margin (dB)	[Pair 36]	16.1
Frequency (MHz)	[Pair 36]	99.0
Limit (dB)	[Pair 36]	23.9



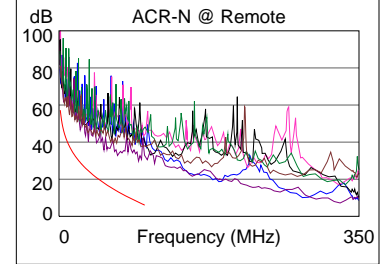
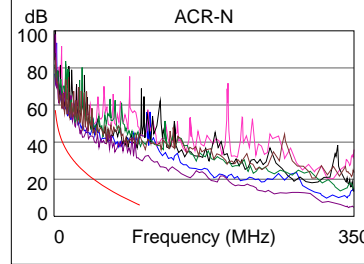
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	7.0	6.0	7.2	6.6
Freq. (MHz)	34.0	68.0	99.0	92.8
Limit (dB)	38.1	33.0	30.2	30.6
Worst Pair	36	45	36	36
PS NEXT (dB)	8.9	8.2	9.7	9.1
Freq. (MHz)	34.3	34.0	99.0	92.8
Limit (dB)	35.0	35.1	27.2	27.6



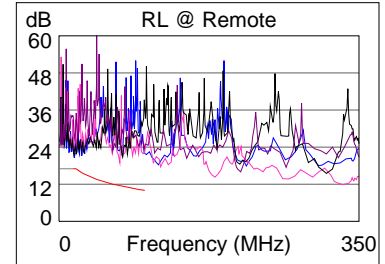
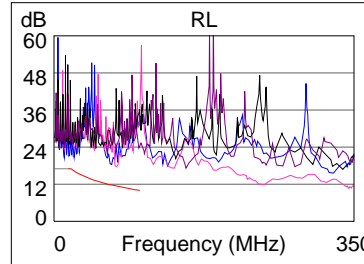
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	45-36	36-45	36-45
ACR-F (dB)	5.3	5.3	10.7	10.1
Freq. (MHz)	1.5	1.5	95.5	88.8
Limit (dB)	53.9	53.9	17.8	18.4
Worst Pair	45	45	45	45
PS ACR-F (dB)	7.9	7.9	12.5	12.4
Freq. (MHz)	1.5	2.3	95.5	91.3
Limit (dB)	50.9	47.4	14.8	15.2



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-36	36-45	36-45	36-45
ACR-N (dB)	14.9	15.4	23.4	22.2
Freq. (MHz)	1.6	5.1	99.0	93.0
Limit (dB)	56.9	46.7	6.3	7.5
Worst Pair	36	45	36	36
PS ACR-N (dB)	15.5	16.0	25.8	24.6
Freq. (MHz)	2.0	5.8	99.0	92.8
Limit (dB)	52.3	42.6	3.3	4.6



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	36	36
RL (dB)	3.6	3.4	6.0	7.3
Freq. (MHz)	17.6	17.6	73.8	70.8
Limit (dB)	17.0	17.0	11.3	11.5



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: D1-44:DIRECTO

Test Summary: FAIL

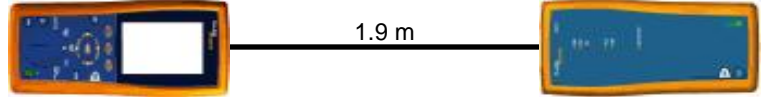
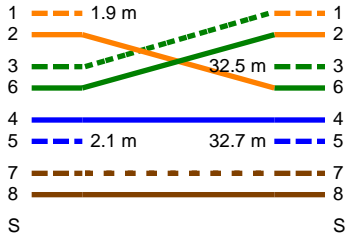
Date / Time: 08/25/2009 02:48:54pm
 Headroom: -32.5 dB (NEXT 36-45)
 Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

Operator: NANCY RAMON
 Software Version: 2.1200
 Limits Version: 1.2800
 NVP: 69.0%

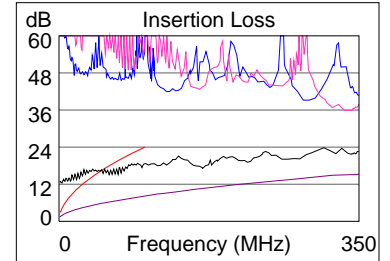
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

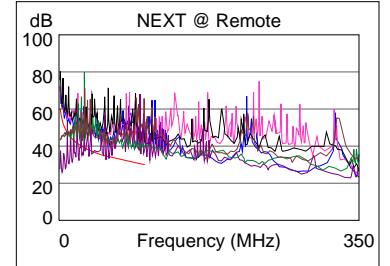
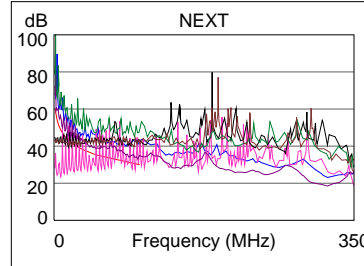
FAIL



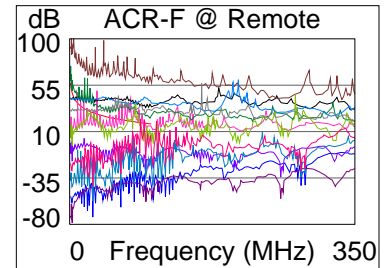
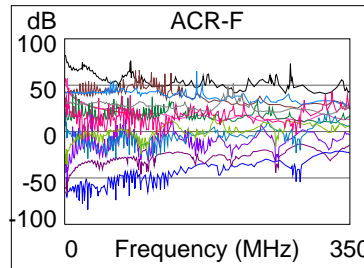
Length (m), Limit 100.0	[Pair 12]	1.9
Prop. Delay (ns), Limit 555		170
Delay Skew (ns), Limit 50		161 F
Resistance (ohms)	[Pair 12]	Open
Insertion Loss Margin (dB)	[Pair 12]	-76.0 F
Frequency (MHz)	[Pair 12]	3.1
Limit (dB)	[Pair 12]	3.9



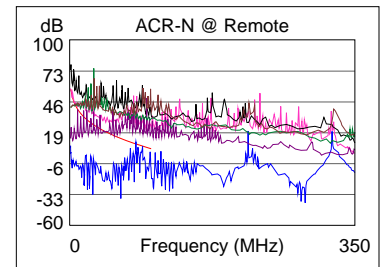
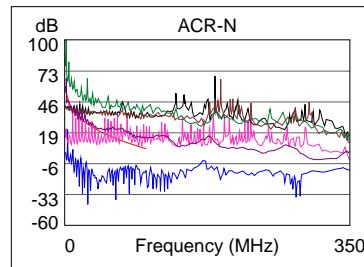
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	12-45	36-45	12-45	36-45
NEXT (dB)	-31.9 F	-32.5 F	-25.0	-28.2
Freq. (MHz)	1.0	1.0	8.0	3.9
Limit (dB)	60.0	60.0	48.6	53.8
Worst Pair	12	36	45	36
PS NEXT (dB)	-29.0 F	-29.6 F	-22.1	-25.2
Freq. (MHz)	1.0	1.0	8.0	3.9
Limit (dB)	57.0	57.0	45.6	50.8



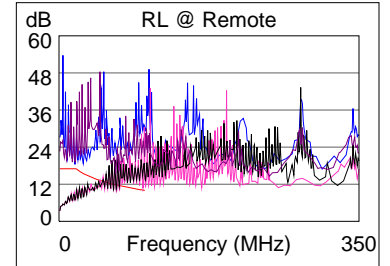
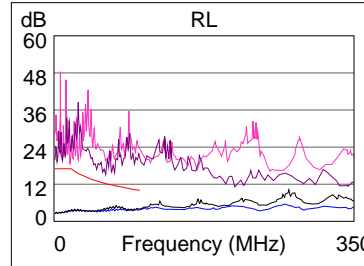
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	12-36	36-12	12-36	36-12
ACR-F (dB)	-122.2 F	-130.1 F	-112.5	-126.1
Freq. (MHz)	1.0	1.6	28.4	3.1
Limit (dB)	57.4	53.2	28.3	47.5
Worst Pair	36	12	36	12
PS ACR-F (dB)	-119.2 F	-119.2 F	-109.5	-109.5
Freq. (MHz)	1.0	1.0	28.4	28.4
Limit (dB)	54.4	54.4	25.3	25.3



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-36	12-36	12-36	12-36
ACR-N (dB)	-69.2	-62.1	-69.2	-51.8
Freq. (MHz)	28.4	3.1	28.4	62.8
Limit (dB)	27.2	51.4	27.2	14.9
Worst Pair	12	36	12	36
PS ACR-N (dB)	-103.2	-92.2	-103.2	-77.3
Freq. (MHz)	3.1	1.0	3.1	28.4
Limit (dB)	48.4	54.0	48.4	24.2



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	12	36	12	36
RL (dB)	-14.6 F	-13.7 F	-14.6	-13.7
Freq. (MHz)	1.0	1.0	1.0	1.0
Limit (dB)	17.0	17.0	17.0	17.0





Cable ID: D1-37:DIRECTO

Test Summary: PASS

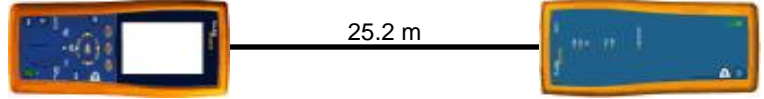
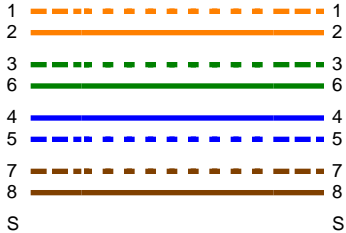
Date / Time: 08/25/2009 02:50:10pm
Headroom: 2.2 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

Operator: NANCY RAMON
 Software Version: 2.1200
 Limits Version: 1.2800
 NVP: 69.0%

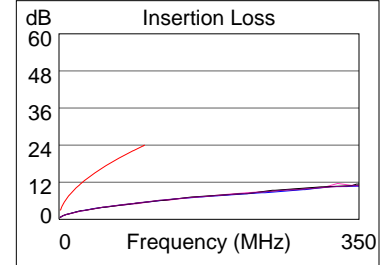
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

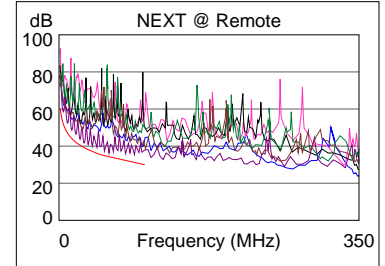
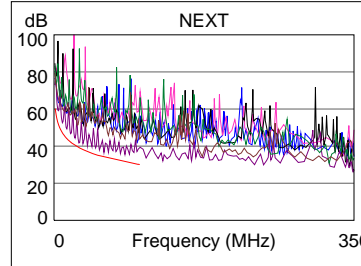
PASS



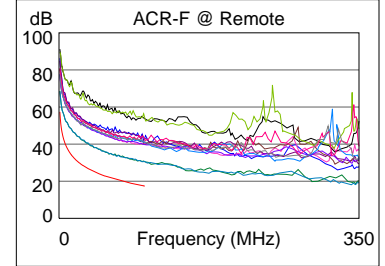
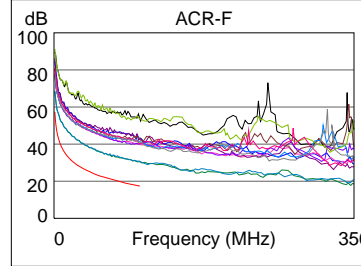
Length (m), Limit 100.0	[Pair 36]	25.2
Prop. Delay (ns), Limit 555		123
Delay Skew (ns), Limit 50		1
Resistance (ohms)	[Pair 12]	5.1
Insertion Loss Margin (dB)	[Pair 78]	18.4
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



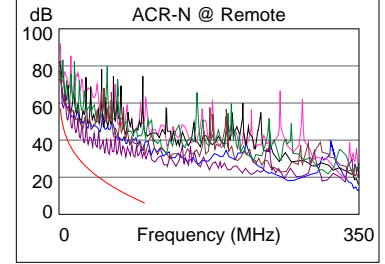
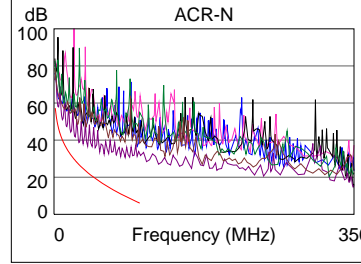
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	2.3	2.2	4.3	4.3
Freq. (MHz)	29.3	29.4	87.5	87.8
Limit (dB)	39.2	39.2	31.1	31.1
Worst Pair	45	36	45	36
PS NEXT (dB)	5.1	4.9	6.3	6.9
Freq. (MHz)	29.3	29.4	82.5	97.3
Limit (dB)	36.2	36.2	28.5	27.3



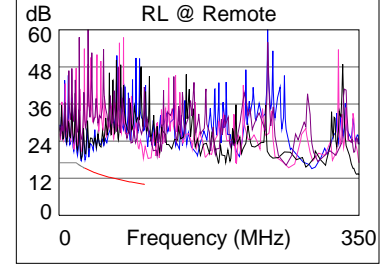
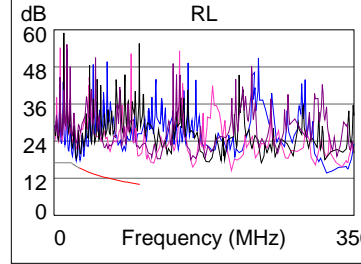
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	11.0	11.0	12.7	12.7
Freq. (MHz)	1.0	1.0	97.5	96.8
Limit (dB)	57.4	57.4	17.6	17.7
Worst Pair	45	45	45	45
PS ACR-F (dB)	14.1	14.1	14.9	15.4
Freq. (MHz)	3.0	3.3	97.5	100.0
Limit (dB)	44.9	44.2	14.6	14.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	10.2	9.8	21.5	21.6
Freq. (MHz)	4.5	4.3	87.5	87.8
Limit (dB)	48.0	48.5	8.8	8.7
Worst Pair	36	36	36	36
PS ACR-N (dB)	12.2	11.7	26.2	25.2
Freq. (MHz)	4.4	4.3	97.5	97.3
Limit (dB)	45.2	45.5	3.6	3.6



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	12	12
RL (dB)	2.6	2.7	2.6	2.7
Freq. (MHz)	30.4	30.4	30.4	30.4
Limit (dB)	15.2	15.2	15.2	15.2



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: D1-48

Test Summary: PASS

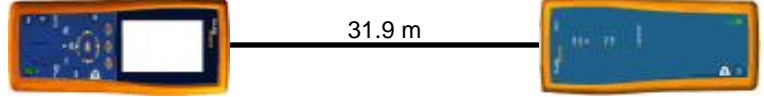
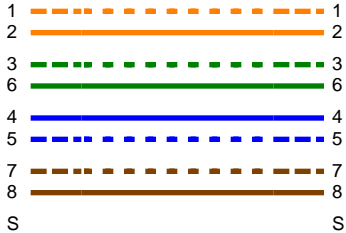
Date / Time: 08/25/2009 02:40:10pm
Headroom: 4.0 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

Operator: NANCY RAMON
 Software Version: 2.1200
 Limits Version: 1.2800
 NVP: 69.0%

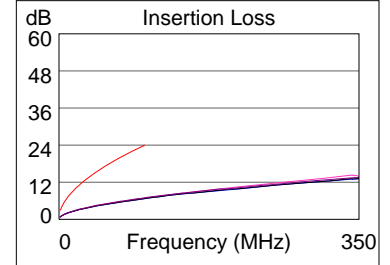
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

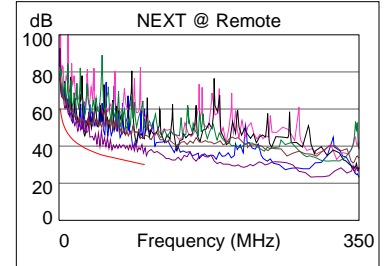
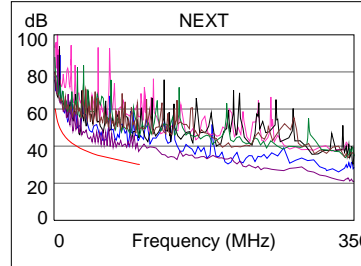
PASS



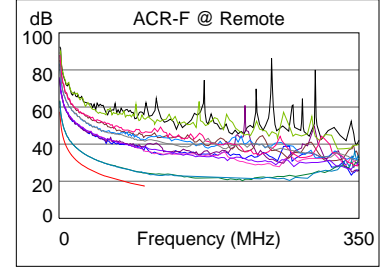
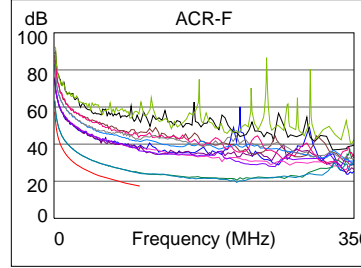
Length (m), Limit 100.0	[Pair 12]	31.9
Prop. Delay (ns), Limit 555		157
Delay Skew (ns), Limit 50		3
Resistance (ohms)	[Pair 12]	5.9
Insertion Loss Margin (dB)	[Pair 78]	17.0
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



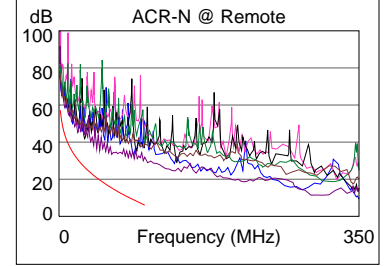
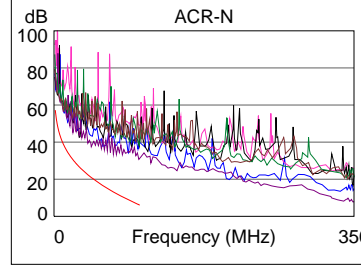
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	5.2	4.0	7.0	6.0
Freq. (MHz)	44.0	62.3	98.8	98.8
Limit (dB)	36.2	33.6	30.2	30.2
Worst Pair	36	36	36	45
PS NEXT (dB)	7.2	6.5	8.6	8.3
Freq. (MHz)	43.8	61.8	98.8	98.8
Limit (dB)	33.2	30.7	27.2	27.2



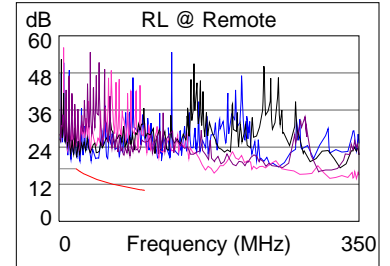
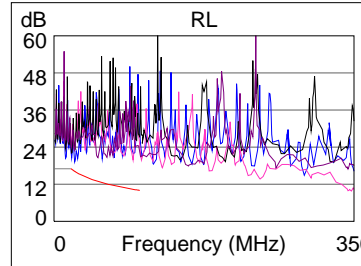
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	5.5	5.5	6.8	6.9
Freq. (MHz)	1.1	1.1	99.5	98.8
Limit (dB)	56.4	56.4	17.4	17.5
Worst Pair	36	45	36	45
PS ACR-F (dB)	8.2	8.1	9.6	9.4
Freq. (MHz)	1.1	1.1	99.5	99.5
Limit (dB)	53.4	53.4	14.4	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	36-45	36-45
ACR-N (dB)	12.8	13.3	24.2	23.2
Freq. (MHz)	1.6	2.0	98.8	98.8
Limit (dB)	56.9	55.3	6.3	6.3
Worst Pair	12	36	36	45
PS ACR-N (dB)	14.1	13.9	25.7	25.5
Freq. (MHz)	1.6	2.5	98.8	98.8
Limit (dB)	53.9	50.4	3.3	3.3



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	12	12	12
RL (dB)	2.9	3.0	2.9	3.0
Freq. (MHz)	24.3	24.3	24.3	24.3
Limit (dB)	16.2	16.2	16.2	16.2



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: D1-47

Test Summary: PASS

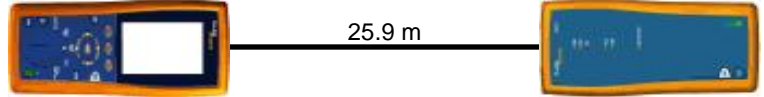
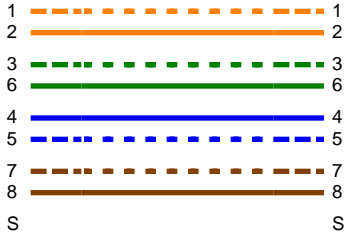
Date / Time: 08/25/2009 09:38:47am
Headroom: 5.5 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

Operator: NANCY RAMON
 Software Version: 2.1200
 Limits Version: 1.2800
 NVP: 69.0%

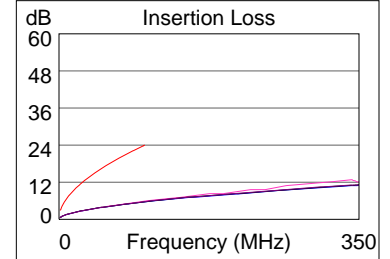
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

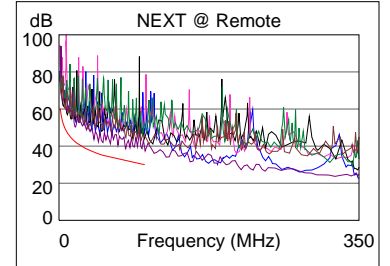
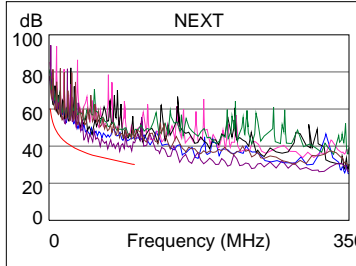
PASS



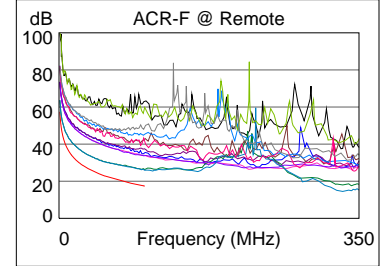
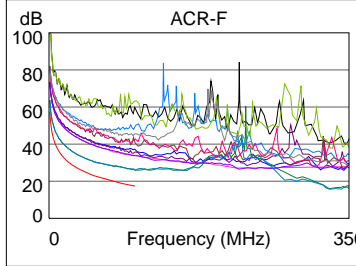
Length (m), Limit 100.0	[Pair 78]	25.9
Prop. Delay (ns), Limit 555		128
Delay Skew (ns), Limit 50		3
Resistance (ohms)	[Pair 12]	4.9
Insertion Loss Margin (dB)	[Pair 36]	18.2
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



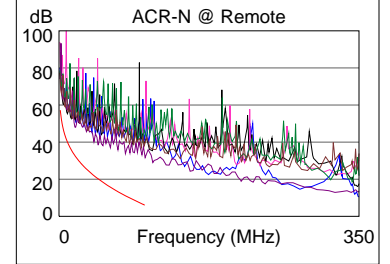
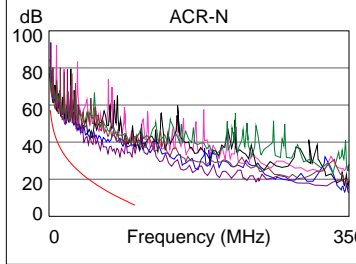
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	5.5	6.2	5.7	7.9
Freq. (MHz)	68.8	50.5	82.5	96.3
Limit (dB)	32.9	35.2	31.5	30.4
Worst Pair	36	45	36	45
PS NEXT (dB)	7.6	8.6	8.6	9.6
Freq. (MHz)	68.8	77.8	96.3	96.3
Limit (dB)	29.9	29.0	27.4	27.4



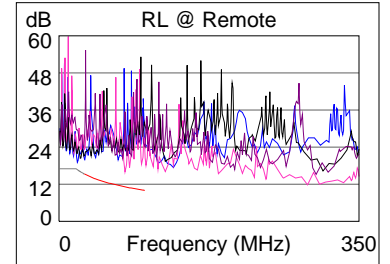
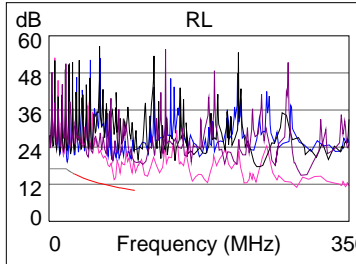
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	6.3	6.2	8.7	8.5
Freq. (MHz)	1.0	1.0	100.0	100.0
Limit (dB)	57.4	57.4	17.4	17.4
Worst Pair	45	36	45	45
PS ACR-F (dB)	8.7	8.8	11.0	10.7
Freq. (MHz)	1.0	1.0	100.0	96.3
Limit (dB)	54.4	54.4	14.4	14.7



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	45-78	45-78	36-45	36-45
ACR-N (dB)	12.4	12.6	25.1	26.0
Freq. (MHz)	2.4	2.3	96.3	96.3
Limit (dB)	53.8	54.3	6.8	6.8
Worst Pair	78	78	36	45
PS ACR-N (dB)	13.7	13.5	26.4	28.3
Freq. (MHz)	2.3	2.0	96.3	100.0
Limit (dB)	51.3	52.3	3.8	3.1



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36	36	36	36
RL (dB)	2.1	4.7	2.1	4.7
Freq. (MHz)	76.5	77.3	76.5	77.3
Limit (dB)	11.2	11.1	11.2	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: D1-46

Test Summary: PASS

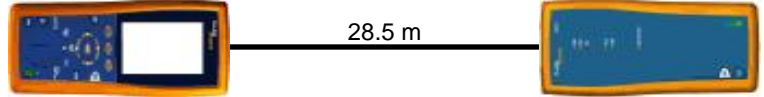
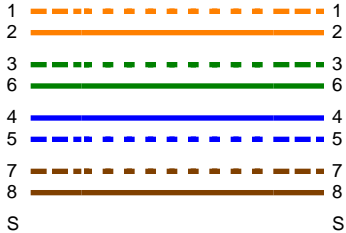
Date / Time: 08/25/2009 09:39:29am
Headroom: 6.3 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

Operator: NANCY RAMON
 Software Version: 2.1200
 Limits Version: 1.2800
 NVP: 69.0%

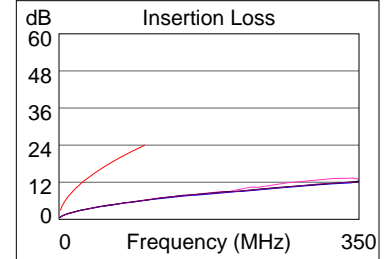
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

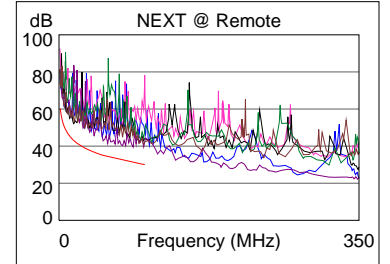
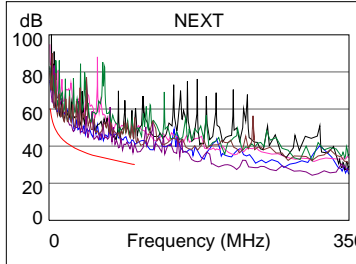
PASS



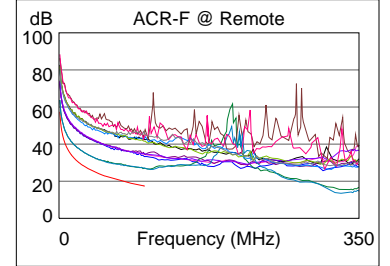
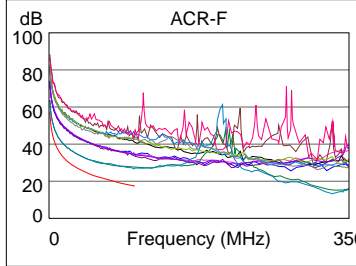
Length (m), Limit 100.0	[Pair 78]	28.5
Prop. Delay (ns), Limit 555		141
Delay Skew (ns), Limit 50		3
Resistance (ohms)	[Pair 12]	5.3
Insertion Loss Margin (dB)	[Pair 36]	17.7
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



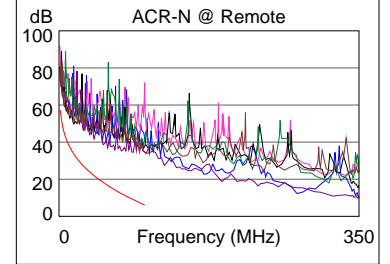
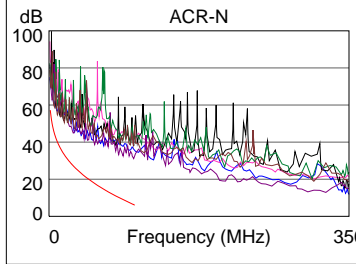
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	6.3	7.1	6.3	7.7
Freq. (MHz)	98.0	56.8	98.0	85.8
Limit (dB)	30.2	34.3	30.2	31.2
Worst Pair	36	36	36	45
PS NEXT (dB)	8.0	9.0	8.3	10.0
Freq. (MHz)	85.8	51.3	98.0	98.3
Limit (dB)	28.2	32.1	27.2	27.2



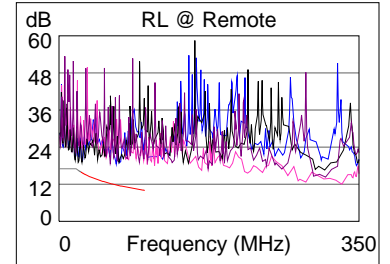
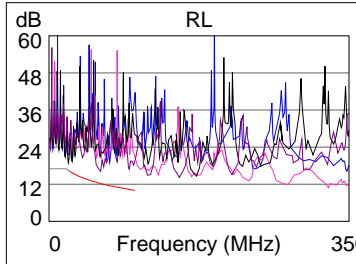
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	45-36	36-45
ACR-F (dB)	6.4	6.3	9.0	9.1
Freq. (MHz)	1.0	1.3	98.3	98.3
Limit (dB)	57.4	55.5	17.6	17.6
Worst Pair	45	36	36	45
PS ACR-F (dB)	8.8	8.9	11.3	11.4
Freq. (MHz)	1.0	1.1	98.3	98.3
Limit (dB)	54.4	53.4	14.6	14.6



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	12-36	36-45	36-45
ACR-N (dB)	12.6	14.5	23.9	24.1
Freq. (MHz)	3.4	6.1	98.0	85.8
Limit (dB)	50.7	45.0	6.5	9.2
Worst Pair	36	78	36	45
PS ACR-N (dB)	14.3	14.5	25.9	27.7
Freq. (MHz)	2.3	1.6	98.3	98.3
Limit (dB)	51.3	53.9	3.4	3.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	78	45	78	12
RL (dB)	3.5	3.3	3.5	6.3
Freq. (MHz)	59.5	26.6	59.5	71.0
Limit (dB)	12.3	15.8	12.3	11.5



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: D1-45

Test Summary: PASS

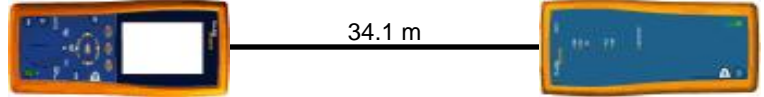
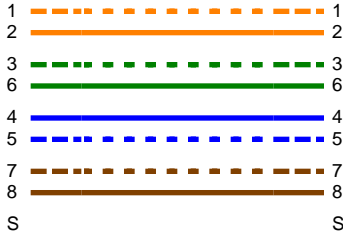
Date / Time: 08/25/2009 09:40:18am
Headroom: 6.0 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

Operator: NANCY RAMON
 Software Version: 2.1200
 Limits Version: 1.2800
 NVP: 69.0%

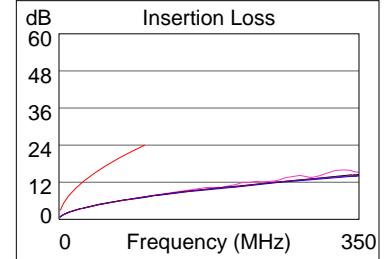
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

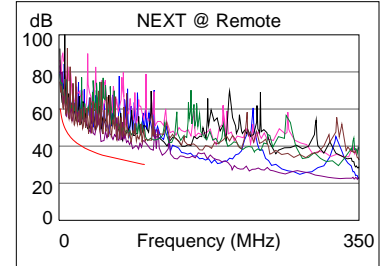
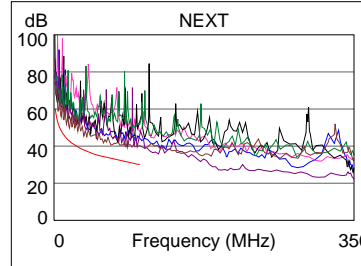
PASS



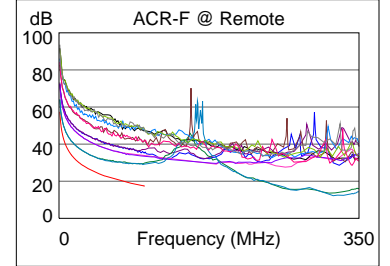
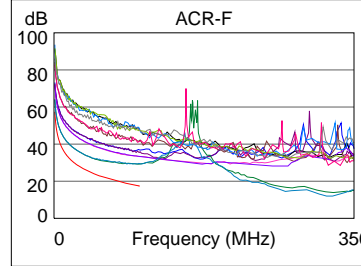
Length (m), Limit 100.0	[Pair 78]	34.1
Prop. Delay (ns), Limit 555		169
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	6.2
Insertion Loss Margin (dB)	[Pair 36]	16.7
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



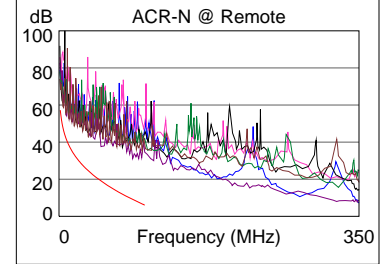
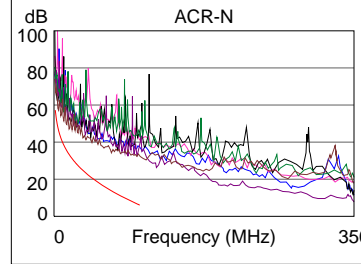
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-78	36-45	45-78	36-45
NEXT (dB)	6.5	6.0	8.7	6.0
Freq. (MHz)	5.0	86.5	97.3	86.5
Limit (dB)	52.0	31.2	30.3	31.2
Worst Pair	78	36	45	36
PS NEXT (dB)	8.1	8.2	9.0	8.2
Freq. (MHz)	4.6	86.5	97.0	86.5
Limit (dB)	49.5	28.2	27.3	28.2



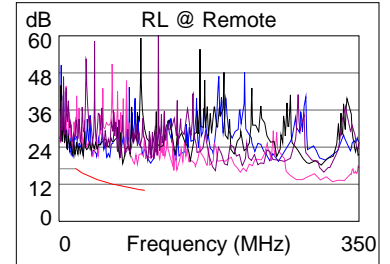
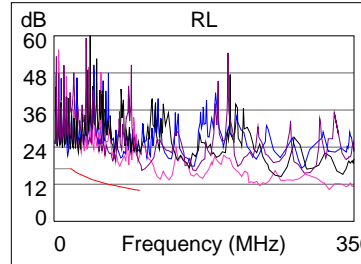
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	6.6	6.5	11.5	11.4
Freq. (MHz)	2.1	1.3	97.5	97.5
Limit (dB)	50.9	55.5	17.6	17.6
Worst Pair	45	45	45	45
PS ACR-F (dB)	8.9	9.0	13.1	13.2
Freq. (MHz)	2.1	1.0	97.5	97.3
Limit (dB)	47.9	54.4	14.6	14.6



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	45-78	45-78	45-78	36-45
ACR-N (dB)	10.0	11.0	25.3	21.5
Freq. (MHz)	4.8	4.8	97.3	86.5
Limit (dB)	47.5	47.5	6.6	9.0
Worst Pair	78	78	45	36
PS ACR-N (dB)	11.5	11.8	25.5	23.7
Freq. (MHz)	4.5	4.5	97.0	86.5
Limit (dB)	45.0	45.0	3.7	6.0



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45	45	36	36
RL (dB)	6.3	4.6	6.6	6.9
Freq. (MHz)	18.9	18.6	76.5	87.3
Limit (dB)	17.0	17.0	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



Cable ID: D1-43

Test Summary: PASS

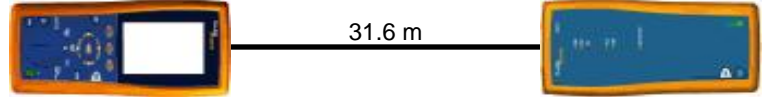
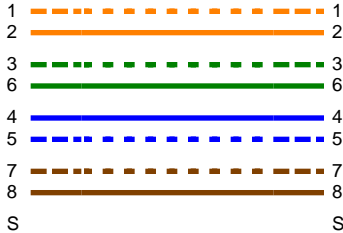
Date / Time: 08/25/2009 09:41:49am
Headroom: 4.4 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

Operator: NANCY RAMON
 Software Version: 2.1200
 Limits Version: 1.2800
 NVP: 69.0%

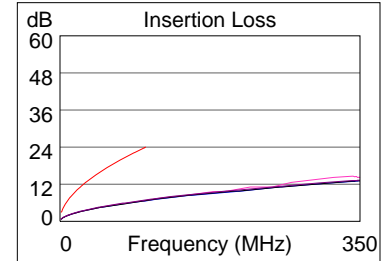
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

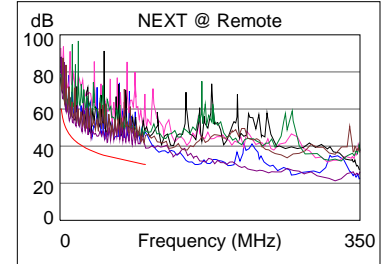
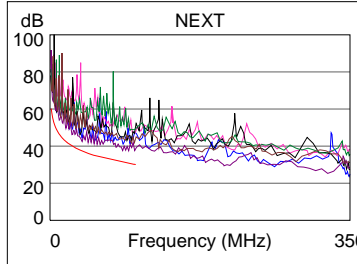
PASS



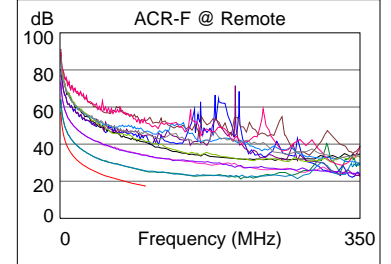
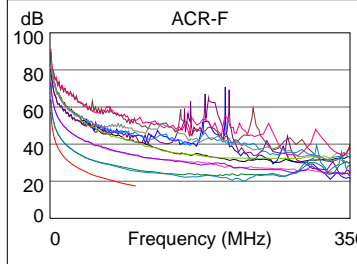
Length (m), Limit 100.0	[Pair 12]	31.6
Prop. Delay (ns), Limit 555		156
Delay Skew (ns), Limit 50		3
Resistance (ohms)	[Pair 12]	5.9
Insertion Loss Margin (dB)	[Pair 78]	17.1
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



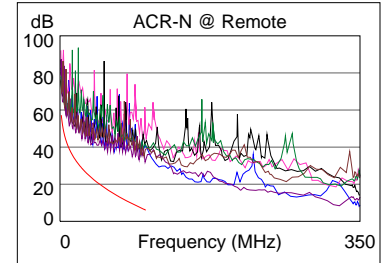
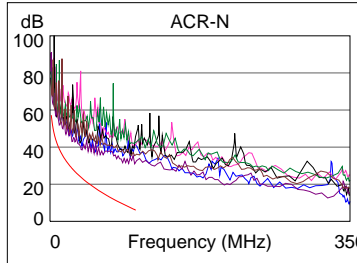
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	4.4	6.0	6.4	8.3
Freq. (MHz)	36.8	36.8	99.5	99.5
Limit (dB)	37.5	37.5	30.1	30.1
Worst Pair	36	36	45	36
PS NEXT (dB)	5.5	7.2	8.5	10.4
Freq. (MHz)	37.0	37.0	99.3	99.5
Limit (dB)	34.5	34.5	27.1	27.1



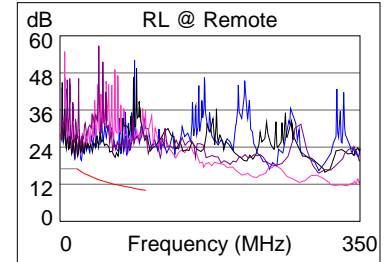
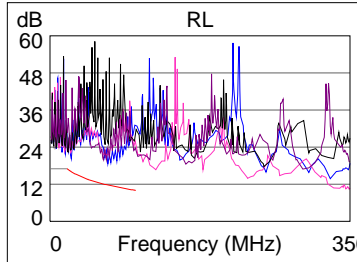
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	45-36	36-45
ACR-F (dB)	6.5	6.6	7.9	8.1
Freq. (MHz)	2.0	2.4	99.3	99.0
Limit (dB)	51.4	49.9	17.5	17.5
Worst Pair	45	45	36	45
PS ACR-F (dB)	9.1	9.1	10.8	10.4
Freq. (MHz)	2.0	1.1	99.3	99.3
Limit (dB)	48.4	53.4	14.5	14.5



	Worst Case Margin		Worst Case Value	
N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	12.1	12.2	23.7	25.6
Freq. (MHz)	3.0	3.1	99.5	99.5
Limit (dB)	51.7	51.4	6.2	6.2
Worst Pair	78	78	45	36
PS ACR-N (dB)	13.1	12.2	25.8	27.5
Freq. (MHz)	1.9	1.8	99.3	99.5
Limit (dB)	52.8	53.4	3.2	3.2



	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	12	12	12	12
RL (dB)	4.0	3.3	6.8	3.3
Freq. (MHz)	24.6	24.8	67.8	24.8
Limit (dB)	16.1	16.1	11.7	16.1



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: D1-42

Test Summary: PASS

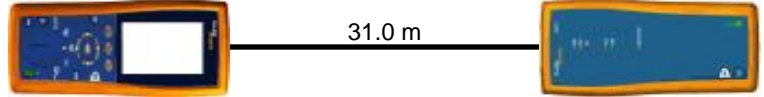
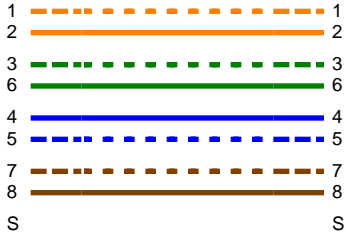
Date / Time: 08/25/2009 09:37:44am
Headroom: 6.7 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

Operator: NANCY RAMON
 Software Version: 2.1200
 Limits Version: 1.2800
 NVP: 69.0%

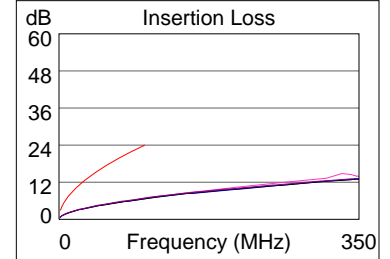
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

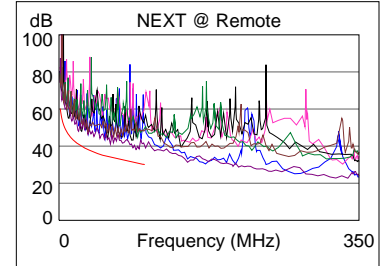
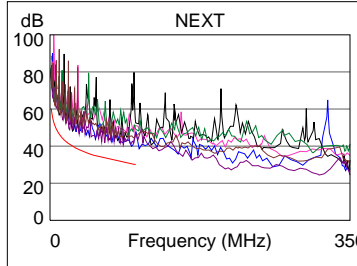
PASS



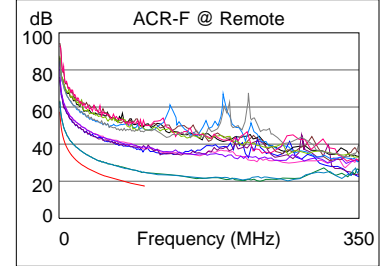
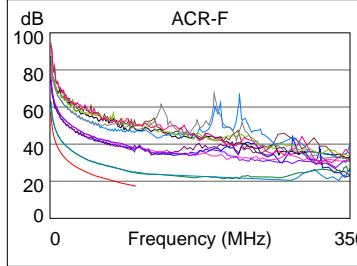
Length (m), Limit 100.0	[Pair 12]	31.0
Prop. Delay (ns), Limit 555		154
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	5.8
Insertion Loss Margin (dB)	[Pair 78]	17.2
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



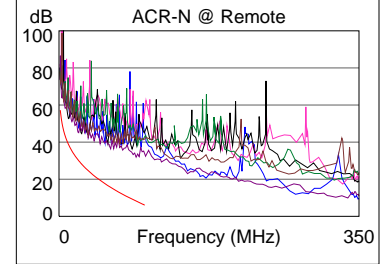
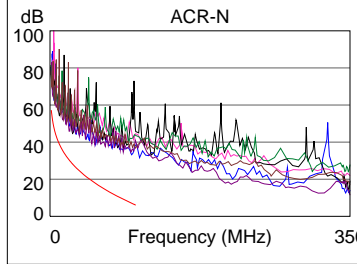
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	12-36	36-45
NEXT (dB)	7.5	6.7	9.4	7.2
Freq. (MHz)	22.5	22.6	95.3	89.8
Limit (dB)	41.1	41.1	30.4	30.9
Worst Pair	36	36	36	45
PS NEXT (dB)	8.4	7.8	10.1	9.7
Freq. (MHz)	22.6	23.0	96.5	89.5
Limit (dB)	38.1	38.0	27.3	27.9



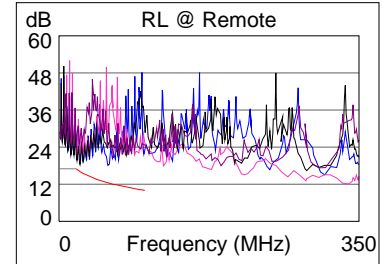
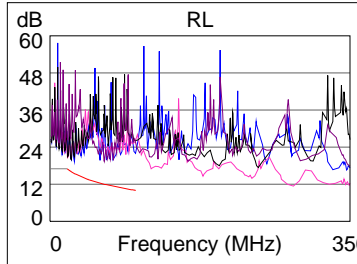
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	45-36	45-36	36-45
ACR-F (dB)	5.3	5.3	6.9	7.0
Freq. (MHz)	1.0	1.0	97.3	97.3
Limit (dB)	57.4	57.4	17.6	17.6
Worst Pair	45	36	36	45
PS ACR-F (dB)	8.3	8.0	9.7	9.7
Freq. (MHz)	1.0	1.0	97.3	97.3
Limit (dB)	54.4	54.4	14.6	14.6



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	36-45	12-36	36-45
ACR-N (dB)	13.4	12.7	26.1	23.6
Freq. (MHz)	3.1	3.1	95.3	89.8
Limit (dB)	51.4	51.4	7.1	8.3
Worst Pair	78	78	36	36
PS ACR-N (dB)	14.3	14.8	27.0	26.7
Freq. (MHz)	2.1	2.0	96.5	92.5
Limit (dB)	51.8	52.3	3.8	4.7



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45	45	78	12
RL (dB)	3.4	2.3	7.2	5.2
Freq. (MHz)	24.5	24.3	63.5	57.8
Limit (dB)	16.1	16.2	12.0	12.4



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: D1-41

Test Summary: PASS

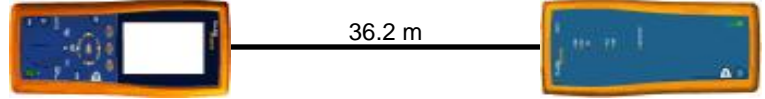
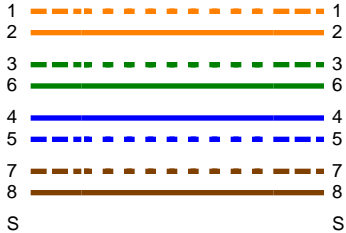
Date / Time: 08/25/2009 09:34:20am
Headroom: 5.2 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

Operator: NANCY RAMON
 Software Version: 2.1200
 Limits Version: 1.2800
 NVP: 69.0%

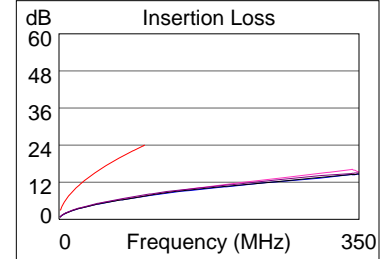
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

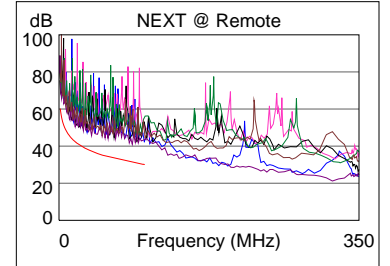
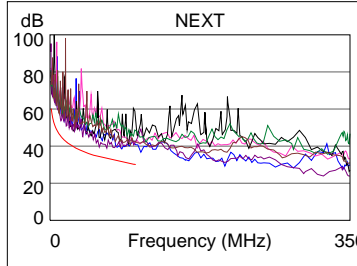
PASS



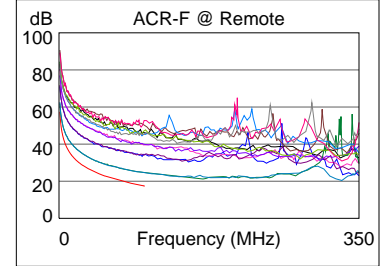
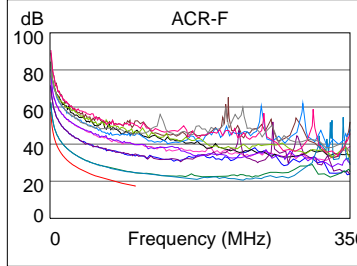
Length (m), Limit 100.0	[Pair 12]	36.2
Prop. Delay (ns), Limit 555		179
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 78]	6.7
Insertion Loss Margin (dB)	[Pair 78]	16.2
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



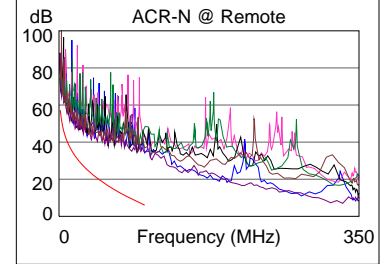
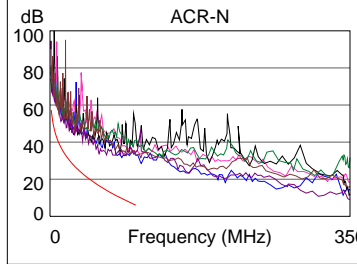
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	12-36	36-45
NEXT (dB)	5.2	8.0	6.7	9.7
Freq. (MHz)	57.3	18.9	83.3	85.5
Limit (dB)	34.2	42.4	31.5	31.3
Worst Pair	36	36	36	36
PS NEXT (dB)	7.6	8.8	7.6	11.3
Freq. (MHz)	57.5	32.3	82.5	93.3
Limit (dB)	31.2	35.5	28.5	27.6



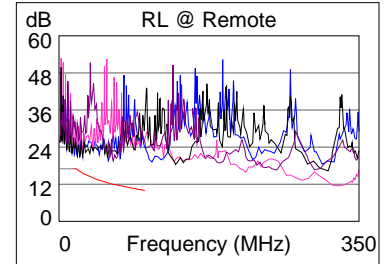
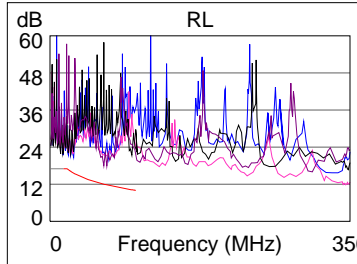
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	4.5	4.5	6.6	6.7
Freq. (MHz)	1.0	1.0	99.5	99.3
Limit (dB)	57.4	57.4	17.4	17.5
Worst Pair	36	45	36	45
PS ACR-F (dB)	7.1	7.4	9.1	9.5
Freq. (MHz)	1.0	1.0	99.5	99.5
Limit (dB)	54.4	54.4	14.4	14.4



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-78	36-45	12-36	12-78
ACR-N (dB)	11.6	11.6	21.7	26.1
Freq. (MHz)	1.8	2.6	83.3	91.5
Limit (dB)	56.4	52.9	9.7	7.9
Worst Pair	78	78	36	36
PS ACR-N (dB)	12.5	12.8	22.4	27.1
Freq. (MHz)	1.9	1.8	82.5	93.3
Limit (dB)	52.8	53.4	6.9	4.5



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	78	78
RL (dB)	4.2	3.8	6.0	7.1
Freq. (MHz)	21.1	21.1	66.0	66.0
Limit (dB)	16.8	16.8	11.8	11.8



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: D1-40

Test Summary: PASS

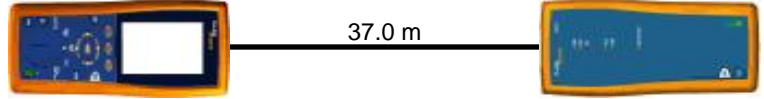
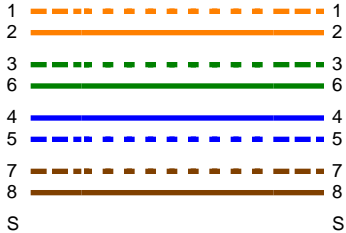
Date / Time: 08/25/2009 09:36:11am
Headroom: 5.3 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

Operator: NANCY RAMON
 Software Version: 2.1200
 Limits Version: 1.2800
 NVP: 69.0%

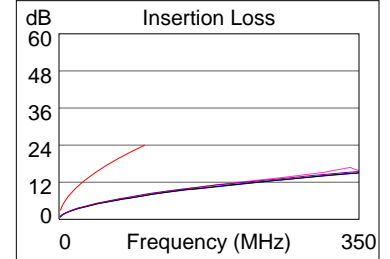
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

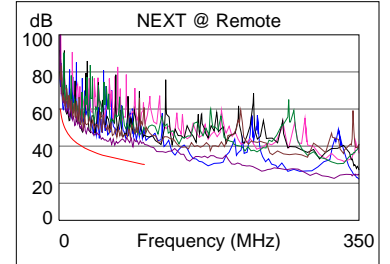
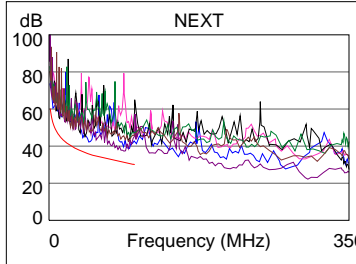
PASS



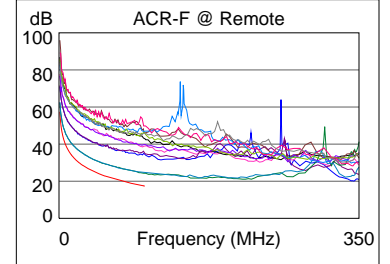
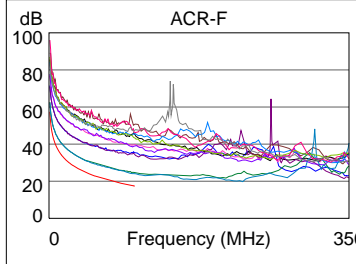
Length (m), Limit 100.0	[Pair 12]	37.0
Prop. Delay (ns), Limit 555		182
Delay Skew (ns), Limit 50		3
Resistance (ohms)	[Pair 78]	6.8
Insertion Loss Margin (dB)	[Pair 78]	16.0
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



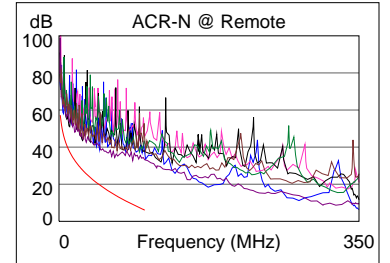
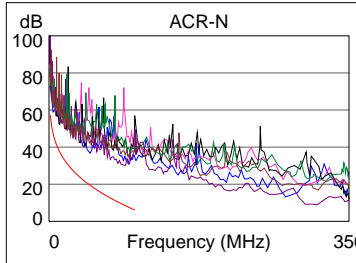
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	5.3	6.5	5.3	8.3
Freq. (MHz)	86.5	55.3	86.5	86.5
Limit (dB)	31.2	34.5	31.2	31.2
Worst Pair	36	36	36	36
PS NEXT (dB)	6.5	8.8	6.5	11.2
Freq. (MHz)	87.0	5.0	87.0	100.0
Limit (dB)	28.1	49.0	28.1	27.1



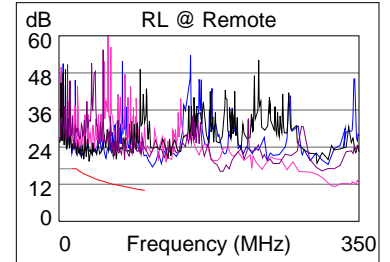
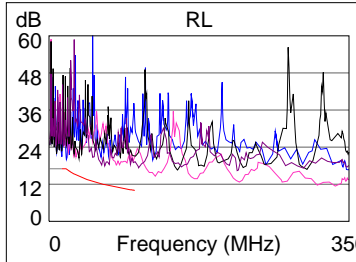
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	4.7	4.7	6.6	6.5
Freq. (MHz)	1.0	1.0	99.8	96.0
Limit (dB)	57.4	57.4	17.4	17.8
Worst Pair	36	45	36	45
PS ACR-F (dB)	7.2	7.6	9.3	9.3
Freq. (MHz)	1.0	1.0	99.8	97.3
Limit (dB)	54.4	54.4	14.4	14.6



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-36	12-36	36-45	36-45
ACR-N (dB)	11.1	10.4	20.3	23.3
Freq. (MHz)	4.5	4.8	86.5	86.5
Limit (dB)	48.0	47.5	9.0	9.0
Worst Pair	36	36	36	36
PS ACR-N (dB)	12.9	12.2	21.5	27.3
Freq. (MHz)	4.8	4.8	87.0	100.0
Limit (dB)	44.5	44.5	5.9	3.1



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	78	45
RL (dB)	2.8	4.5	5.8	4.9
Freq. (MHz)	20.5	20.6	64.8	35.0
Limit (dB)	16.9	16.9	11.9	14.6



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: D1-39

Test Summary: PASS

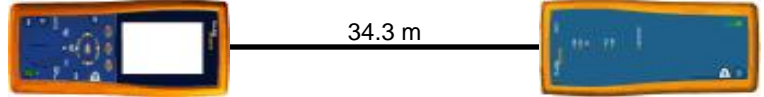
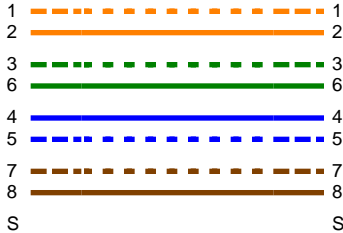
Date / Time: 08/25/2009 09:35:18am
Headroom: 4.9 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

Operator: NANCY RAMON
 Software Version: 2.1200
 Limits Version: 1.2800
 NVP: 69.0%

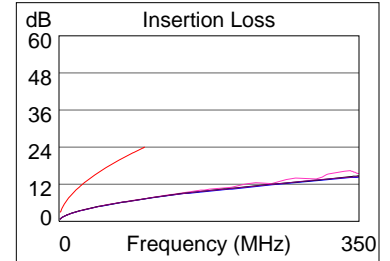
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

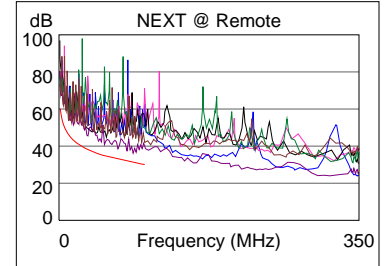
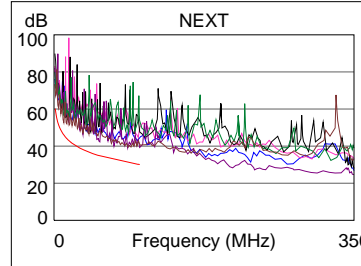
PASS



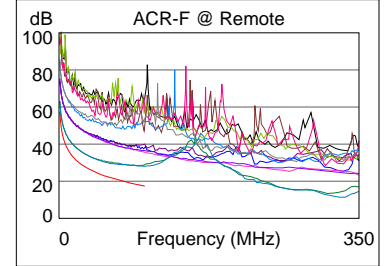
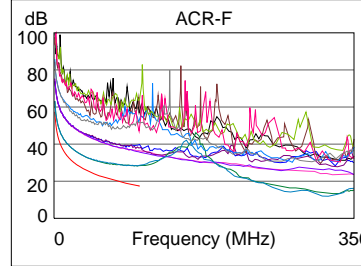
Length (m), Limit 100.0	[Pair 78]	34.3
Prop. Delay (ns), Limit 555		170
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	6.2
Insertion Loss Margin (dB)	[Pair 36]	16.6
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



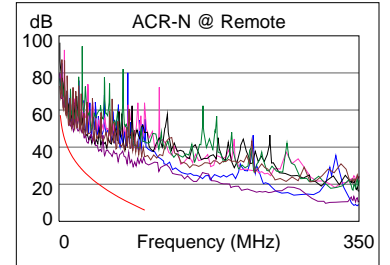
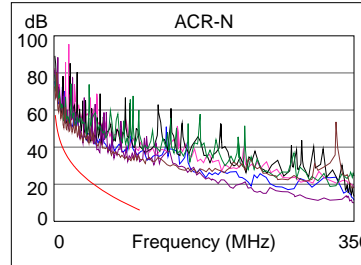
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-78	36-45	36-45	36-45
NEXT (dB)	6.5	4.9	6.9	5.0
Freq. (MHz)	11.1	69.5	86.5	86.5
Limit (dB)	46.2	32.8	31.2	31.2
Worst Pair	45	45	45	45
PS NEXT (dB)	7.5	7.1	7.5	7.1
Freq. (MHz)	86.5	86.5	86.5	86.5
Limit (dB)	28.2	28.2	28.2	28.2



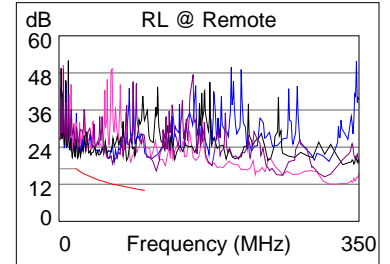
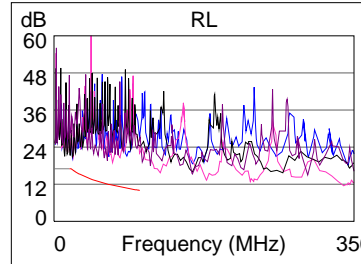
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	5.7	5.7	10.4	10.3
Freq. (MHz)	1.3	2.3	97.0	97.0
Limit (dB)	55.5	50.4	17.7	17.7
Worst Pair	36	36	45	45
PS ACR-F (dB)	8.4	8.4	12.8	12.6
Freq. (MHz)	1.0	1.0	97.0	93.8
Limit (dB)	54.4	54.4	14.7	15.0



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	45-78	45-78	36-45	36-45
ACR-N (dB)	10.4	10.8	22.4	20.5
Freq. (MHz)	1.6	1.8	86.5	86.5
Limit (dB)	56.9	56.4	9.0	9.0
Worst Pair	78	78	45	45
PS ACR-N (dB)	12.0	12.2	23.0	22.6
Freq. (MHz)	2.0	1.8	86.5	86.5
Limit (dB)	52.3	53.4	6.0	6.0



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	45	36	78
RL (dB)	3.7	3.5	7.1	5.9
Freq. (MHz)	21.9	18.5	68.5	62.0
Limit (dB)	16.6	17.0	11.7	12.1



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: D1-38

Test Summary: FAIL

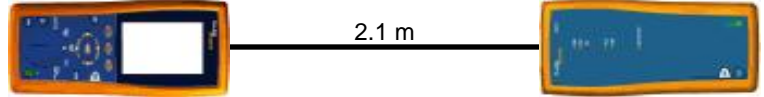
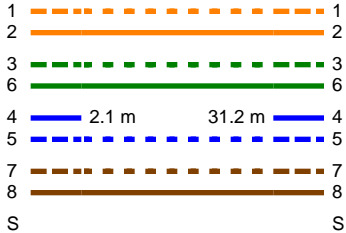
Date / Time: 08/25/2009 09:33:02am
 Headroom: 0.5 dB (NEXT 45-78)
 Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

Operator: NANCY RAMON
 Software Version: 2.1200
 Limits Version: 1.2800
 NVP: 69.0%

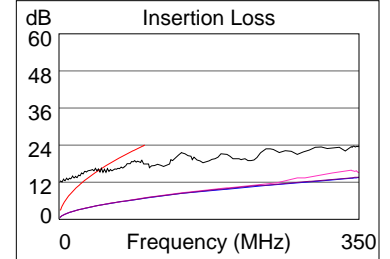
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

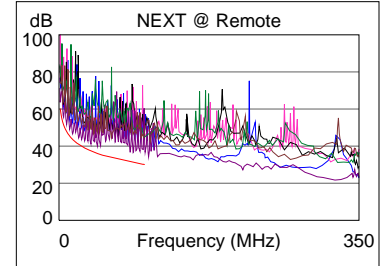
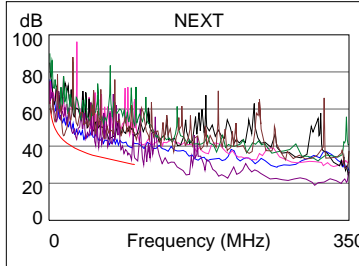
FAIL



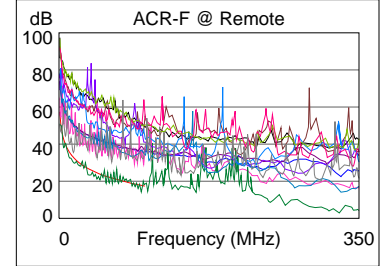
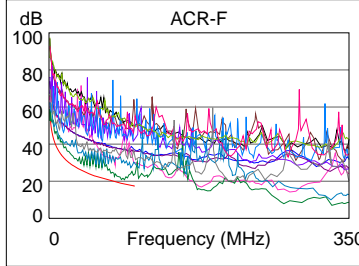
Length (m), Limit 100.0	[Pair 45]	2.1
Prop. Delay (ns), Limit 555		159
Delay Skew (ns), Limit 50		149 F
Resistance (ohms)	[Pair 45]	Open
Insertion Loss Margin (dB)	[Pair 45]	-9.4 F
Frequency (MHz)	[Pair 45]	1.9
Limit (dB)	[Pair 45]	3.0



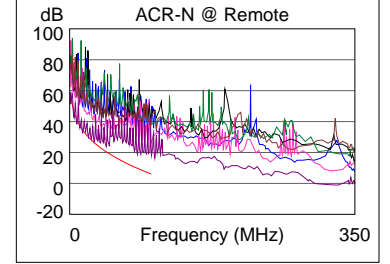
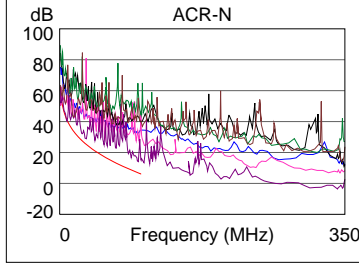
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-78	36-45	36-45	36-45
NEXT (dB)	0.5*	2.9	1.8	5.2
Freq. (MHz)	1.6	15.9	95.8	97.5
Limit (dB)	59.9	43.7	30.4	30.3
Worst Pair	45	36	36	36
PS NEXT (dB)	1.8	4.8	3.9	7.9
Freq. (MHz)	1.6	15.9	95.8	97.5
Limit (dB)	56.9	40.7	27.4	27.3



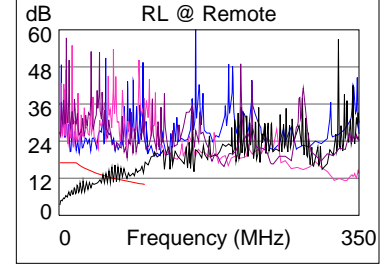
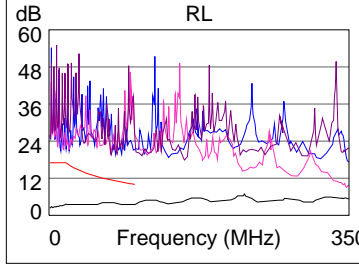
	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	36-45	78-45	36-45	36-45
ACR-F (dB)	-3.0 F	-6.9 F	1.9	-3.6
Freq. (MHz)	1.3	1.0	87.5	96.0
Limit (dB)	55.5	57.4	18.6	17.8
Worst Pair	45	36	45	36
PS ACR-F (dB)	-1.3 F	0.0*	4.8	4.8
Freq. (MHz)	1.3	1.3	87.5	87.5
Limit (dB)	52.5	52.5	15.6	15.6



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-45	36-45	36-45	36-45
ACR-N (dB)	-6.5	-5.7	6.4	10.4
Freq. (MHz)	1.3	1.3	96.0	97.5
Limit (dB)	57.0	57.0	6.9	6.6
Worst Pair	45	45	45	45
PS ACR-N (dB)	-7.6	-3.7	9.4	13.2
Freq. (MHz)	1.6	1.3	96.0	97.3
Limit (dB)	53.9	54.0	3.9	3.6



	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	45	45	45	45
RL (dB)	-14.7 F	-13.7 F	-14.7	-13.7
Freq. (MHz)	1.0	1.0	1.0	1.0
Limit (dB)	17.0	17.0	17.0	17.0



* Measurement is within the accuracy limits of the instrument.

Cable ID: D1-36

Test Summary: FAIL

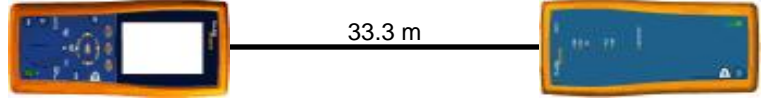
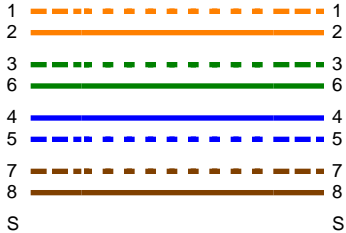
Date / Time: 08/25/2009 09:45:35am
 Headroom: -8.8 dB (NEXT 45-78)
 Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

Operator: NANCY RAMON
 Software Version: 2.1200
 Limits Version: 1.2800
 NVP: 69.0%

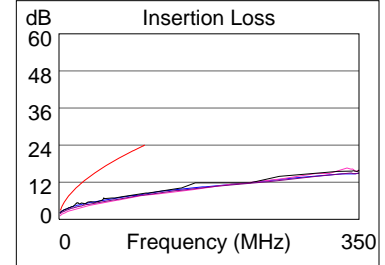
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

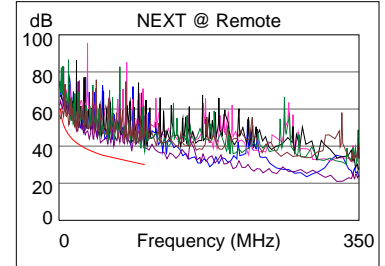
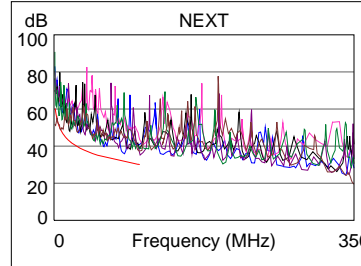
PASS



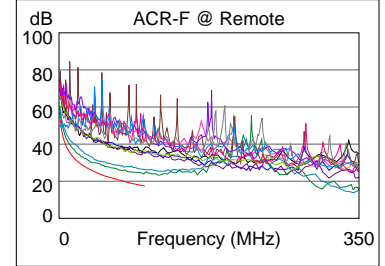
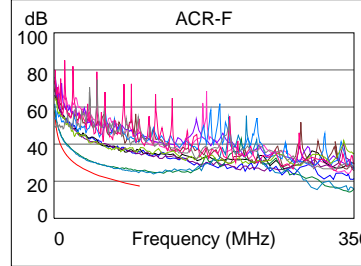
Length (m), Limit 100.0	[Pair 78]	33.3
Prop. Delay (ns), Limit 555		166
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 78]	438.9
Insertion Loss Margin (dB)	[Pair 45]	15.6
Frequency (MHz)	[Pair 45]	100.0
Limit (dB)	[Pair 45]	24.0



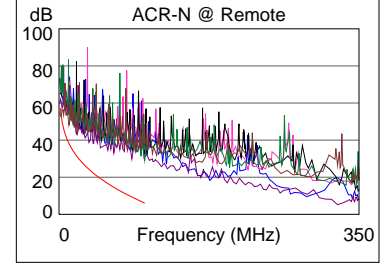
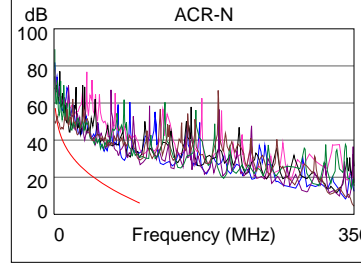
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	45-78	45-78	36-45	36-78
NEXT (dB)	-8.8 F	-4.6 F	5.5	6.9
Freq. (MHz)	1.6	1.6	100.0	100.0
Limit (dB)	59.9	59.9	30.1	30.1
Worst Pair	78	45	45	36
PS NEXT (dB)	-6.0 F	-2.3 F	5.8	7.1
Freq. (MHz)	1.6	1.6	100.0	99.8
Limit (dB)	56.9	56.9	27.1	27.1



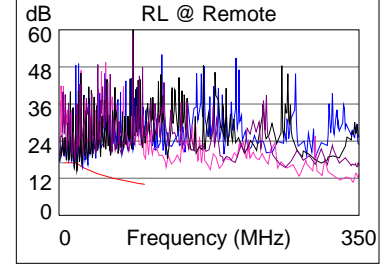
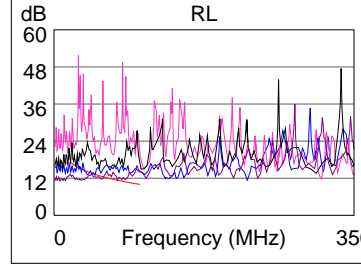
	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	78-45	45-78	45-36	36-45
ACR-F (dB)	-7.7 F	-7.4 F	7.1	6.5
Freq. (MHz)	1.0	1.0	99.5	99.5
Limit (dB)	57.4	57.4	17.4	17.4
Worst Pair	45	78	36	45
PS ACR-F (dB)	-5.3 F	-4.8 F	9.8	10.0
Freq. (MHz)	1.0	1.0	99.5	99.5
Limit (dB)	54.4	54.4	14.4	14.4



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	45-78	45-78	36-45	36-78
ACR-N (dB)	-7.7	-3.5	21.1	23.0
Freq. (MHz)	1.6	1.6	100.0	100.0
Limit (dB)	56.9	56.9	6.1	6.1
Worst Pair	45	45	45	36
PS ACR-N (dB)	-5.1	-1.6	21.4	23.3
Freq. (MHz)	1.6	1.6	100.0	99.8
Limit (dB)	53.9	53.9	3.1	3.1



	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	78	45	78	45
RL (dB)	-5.9 F	-2.6 F	-5.9	-2.6
Freq. (MHz)	10.5	20.9	10.5	20.9
Limit (dB)	17.0	16.8	17.0	16.8





Cable ID: D1-35

Test Summary: PASS

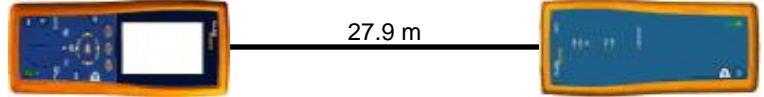
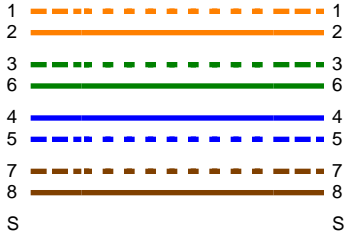
Date / Time: 08/25/2009 09:47:07am
Headroom: 5.5 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

Operator: NANCY RAMON
 Software Version: 2.1200
 Limits Version: 1.2800
 NVP: 69.0%

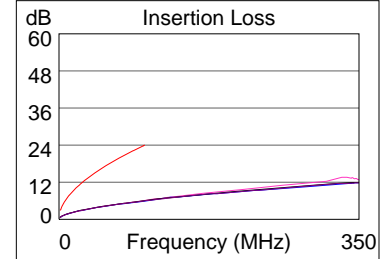
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

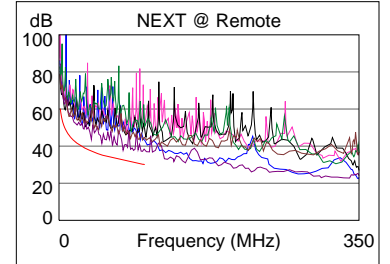
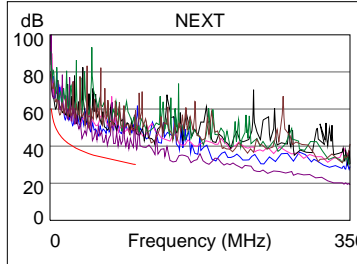
PASS



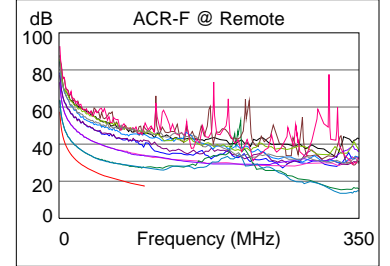
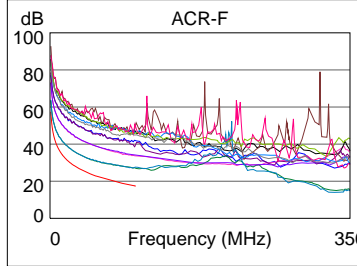
Length (m), Limit 100.0	[Pair 78]	27.9
Prop. Delay (ns), Limit 555		138
Delay Skew (ns), Limit 50		3
Resistance (ohms)	[Pair 12]	5.2
Insertion Loss Margin (dB)	[Pair 36]	17.8
Frequency (MHz)	[Pair 36]	99.0
Limit (dB)	[Pair 36]	23.9



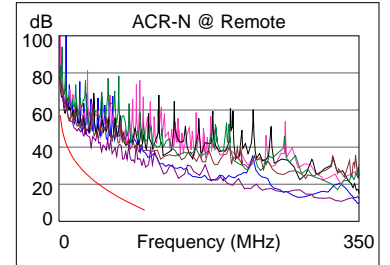
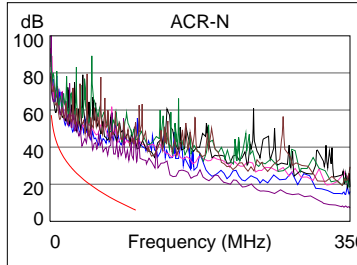
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	6.4	5.5	8.2	5.8
Freq. (MHz)	37.5	74.8	96.5	96.8
Limit (dB)	37.4	32.3	30.3	30.3
Worst Pair	45	45	45	45
PS NEXT (dB)	8.8	7.8	10.0	8.1
Freq. (MHz)	37.5	74.8	92.0	96.8
Limit (dB)	34.4	29.3	27.7	27.3



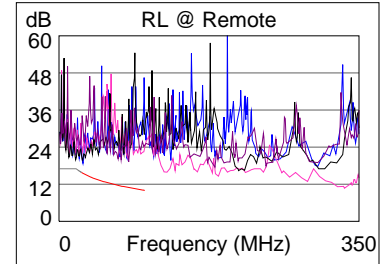
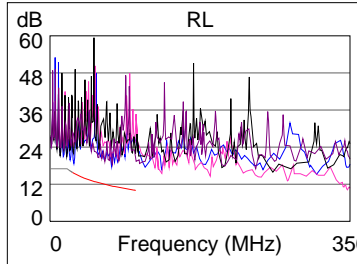
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	6.1	6.1	9.5	9.5
Freq. (MHz)	1.0	1.0	100.0	100.0
Limit (dB)	57.4	57.4	17.4	17.4
Worst Pair	45	36	45	45
PS ACR-F (dB)	8.7	9.0	11.5	11.6
Freq. (MHz)	1.0	1.0	100.0	96.3
Limit (dB)	54.4	54.4	14.4	14.7



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-78	12-78	36-45	36-45
ACR-N (dB)	13.6	14.0	25.8	23.5
Freq. (MHz)	2.1	2.4	96.5	96.8
Limit (dB)	54.8	53.8	6.8	6.7
Worst Pair	78	78	45	45
PS ACR-N (dB)	14.5	14.5	28.1	25.8
Freq. (MHz)	2.5	1.9	96.5	96.8
Limit (dB)	50.4	52.8	3.8	3.7



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	12	12
RL (dB)	3.1	3.0	6.3	3.0
Freq. (MHz)	27.6	27.9	71.5	27.9
Limit (dB)	15.6	15.6	11.5	15.6



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: D1-34

Test Summary: PASS

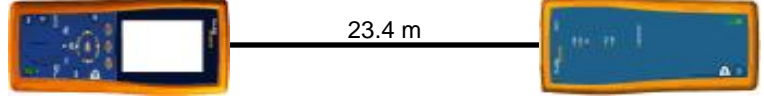
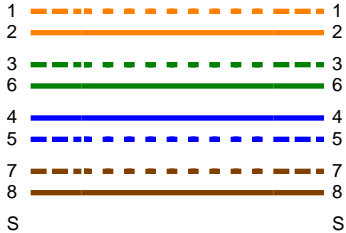
Date / Time: 08/25/2009 09:54:29am
Headroom: 4.3 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

Operator: NANCY RAMON
 Software Version: 2.1200
 Limits Version: 1.2800
 NVP: 69.0%

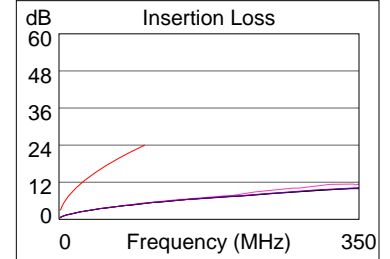
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

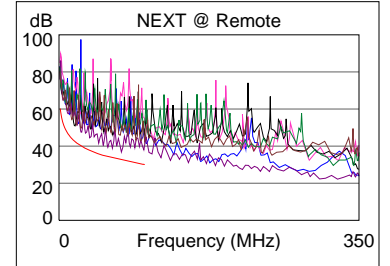
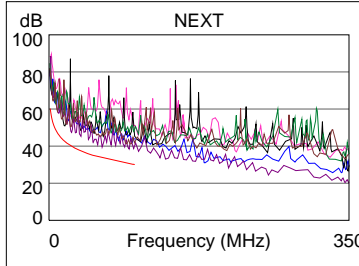
PASS



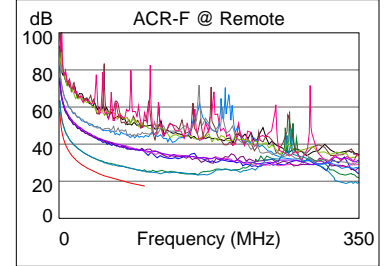
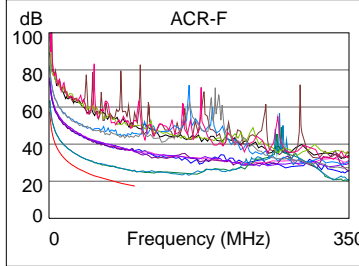
Length (m), Limit 100.0	[Pair 78]	23.4
Prop. Delay (ns), Limit 555		115
Delay Skew (ns), Limit 50		2
Resistance (ohms)	[Pair 12]	4.6
Insertion Loss Margin (dB)	[Pair 36]	18.7
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



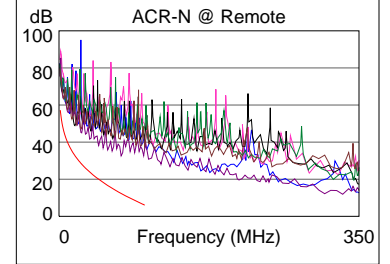
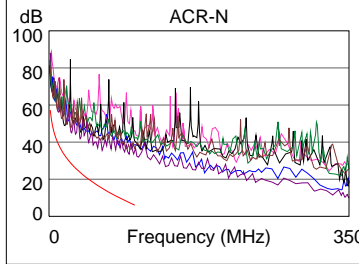
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	5.9	4.3	7.5	4.3
Freq. (MHz)	62.0	72.8	93.0	72.8
Limit (dB)	33.6	32.5	30.6	32.5
Worst Pair	45	36	36	36
PS NEXT (dB)	8.1	7.0	9.7	7.0
Freq. (MHz)	25.9	72.8	98.0	72.8
Limit (dB)	37.1	29.5	27.2	29.5



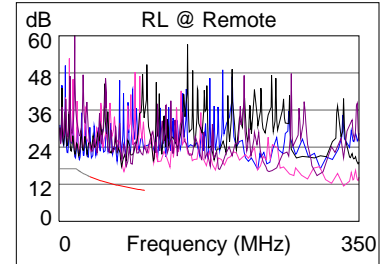
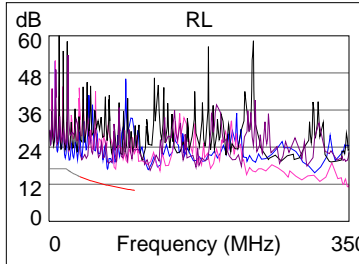
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	6.1	6.0	7.8	7.7
Freq. (MHz)	1.1	1.1	97.0	97.5
Limit (dB)	56.4	56.4	17.7	17.6
Worst Pair	36	36	45	36
PS ACR-F (dB)	8.7	8.8	10.4	10.6
Freq. (MHz)	1.0	1.0	97.0	97.5
Limit (dB)	54.4	54.4	14.7	14.6



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-36	12-78	36-45	36-45
ACR-N (dB)	15.1	15.9	25.7	20.2
Freq. (MHz)	1.8	17.9	93.0	72.8
Limit (dB)	56.4	33.2	7.5	12.3
Worst Pair	78	78	36	36
PS ACR-N (dB)	15.6	15.4	28.2	28.5
Freq. (MHz)	3.6	2.3	98.0	98.8
Limit (dB)	47.0	51.3	3.5	3.3



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	36	36	36
RL (dB)	5.2	4.9	5.4	4.9
Freq. (MHz)	68.3	75.8	77.0	75.8
Limit (dB)	11.7	11.2	11.1	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: D1-33

Test Summary: PASS

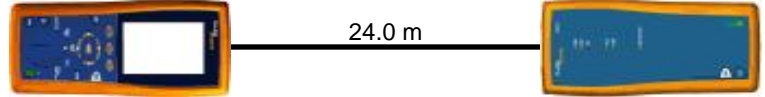
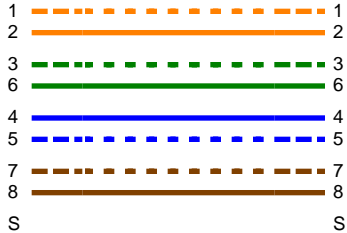
Date / Time: 08/25/2009 09:53:34am
Headroom: 6.2 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

Operator: NANCY RAMON
 Software Version: 2.1200
 Limits Version: 1.2800
 NVP: 69.0%

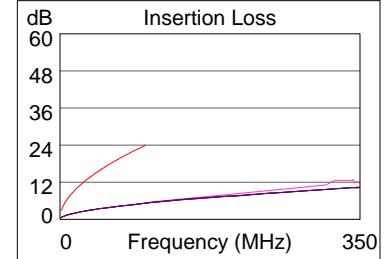
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

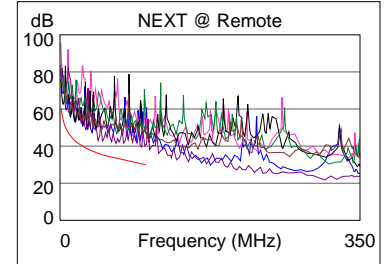
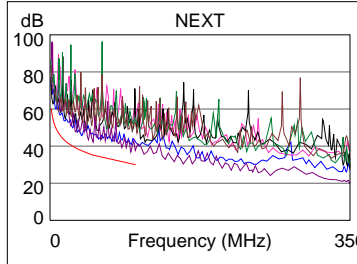
PASS



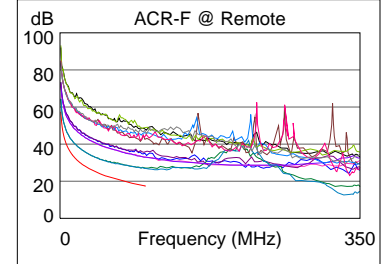
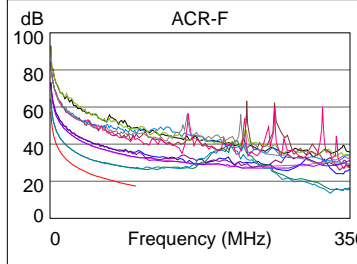
Length (m), Limit 100.0	[Pair 78]	24.0
Prop. Delay (ns), Limit 555		119
Delay Skew (ns), Limit 50		3
Resistance (ohms)	[Pair 12]	4.7
Insertion Loss Margin (dB)	[Pair 36]	18.7
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



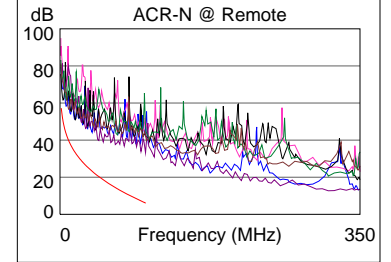
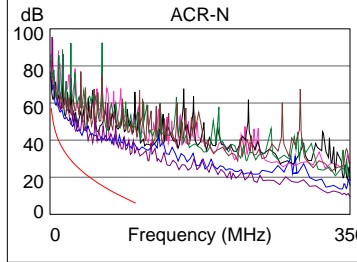
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	6.2	6.8	6.2	8.3
Freq. (MHz)	94.5	44.8	94.5	99.8
Limit (dB)	30.5	36.1	30.5	30.1
Worst Pair	36	45	36	36
PS NEXT (dB)	7.8	9.1	7.8	10.0
Freq. (MHz)	94.5	44.5	94.5	94.5
Limit (dB)	27.5	33.1	27.5	27.5



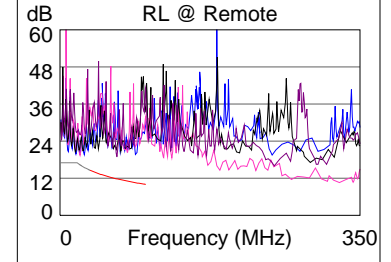
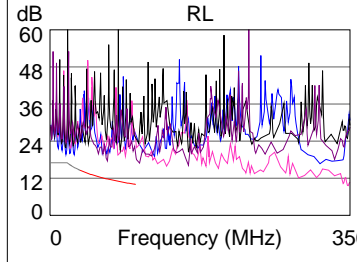
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	6.7	6.7	9.3	9.2
Freq. (MHz)	1.1	1.1	98.5	99.3
Limit (dB)	56.4	56.4	17.5	17.5
Worst Pair	45	36	45	45
PS ACR-F (dB)	9.1	9.2	11.3	11.5
Freq. (MHz)	1.1	1.1	98.5	99.5
Limit (dB)	53.4	53.4	14.5	14.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-78	12-78	36-45	36-45
ACR-N (dB)	10.6	10.9	24.5	27.1
Freq. (MHz)	2.6	2.8	94.5	99.8
Limit (dB)	52.9	52.5	7.2	6.1
Worst Pair	12	12	36	36
PS ACR-N (dB)	12.0	12.5	26.0	28.2
Freq. (MHz)	2.1	2.8	94.5	94.5
Limit (dB)	51.8	49.5	4.2	4.2



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	78	78	78	78
RL (dB)	5.6	7.2	5.6	7.2
Freq. (MHz)	66.5	66.3	66.5	66.3
Limit (dB)	11.8	11.8	11.8	11.8



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: D1-32

Test Summary: PASS

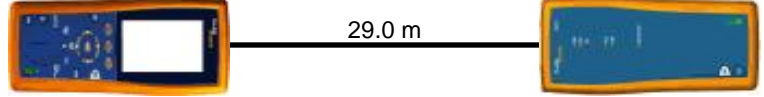
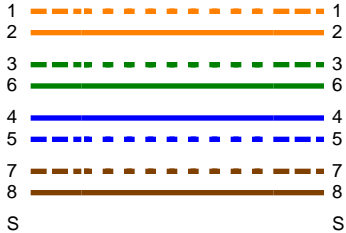
Date / Time: 08/25/2009 09:31:30am
Headroom: 4.2 dB (NEXT 12-78)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

Operator: NANCY RAMON
 Software Version: 2.1200
 Limits Version: 1.2800
 NVP: 69.0%

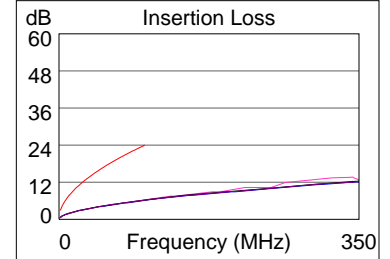
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

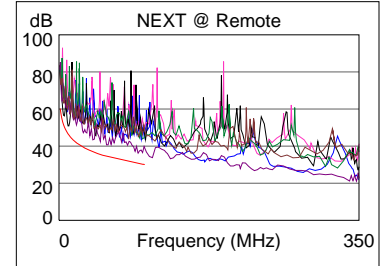
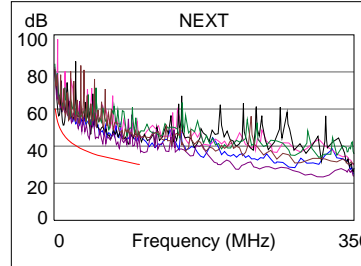
PASS



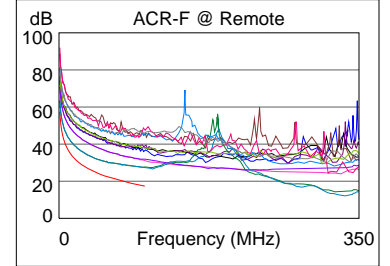
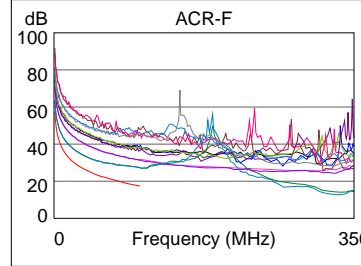
Length (m), Limit 100.0	[Pair 78]	29.0
Prop. Delay (ns), Limit 555		143
Delay Skew (ns), Limit 50		3
Resistance (ohms)	[Pair 12]	5.4
Insertion Loss Margin (dB)	[Pair 36]	17.6
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



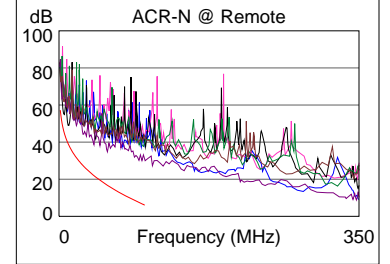
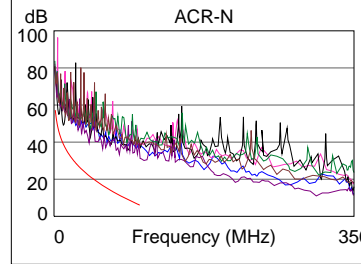
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-78	12-78	36-45	36-45
NEXT (dB)	4.7	4.2	7.9	5.2
Freq. (MHz)	10.9	10.8	92.8	92.8
Limit (dB)	46.4	46.5	30.6	30.6
Worst Pair	78	12	45	36
PS NEXT (dB)	6.8	6.7	9.8	7.8
Freq. (MHz)	5.5	10.8	100.0	96.8
Limit (dB)	48.3	43.5	27.1	27.3



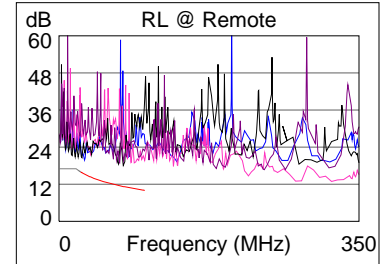
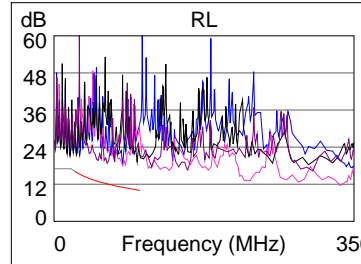
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	45-36	45-36
ACR-F (dB)	6.1	6.1	9.6	9.7
Freq. (MHz)	1.1	1.0	97.5	99.8
Limit (dB)	56.4	57.4	17.6	17.4
Worst Pair	45	45	45	45
PS ACR-F (dB)	8.2	8.3	11.3	11.3
Freq. (MHz)	2.1	1.0	98.3	97.3
Limit (dB)	47.9	54.4	14.6	14.6



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-78	12-78	36-45	36-45
ACR-N (dB)	8.8	9.0	25.0	22.3
Freq. (MHz)	5.4	5.4	92.8	92.8
Limit (dB)	46.3	46.3	7.6	7.6
Worst Pair	78	78	45	36
PS ACR-N (dB)	10.7	10.9	27.6	25.2
Freq. (MHz)	5.4	5.4	100.0	96.8
Limit (dB)	43.3	43.3	3.1	3.7



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45	12	78	45
RL (dB)	5.4	4.5	6.0	6.2
Freq. (MHz)	26.4	29.6	62.8	75.8
Limit (dB)	15.8	15.3	12.0	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: D1-31

Test Summary: PASS

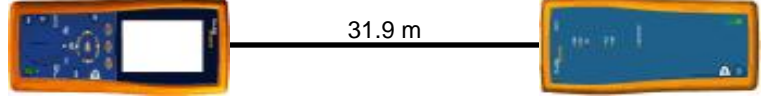
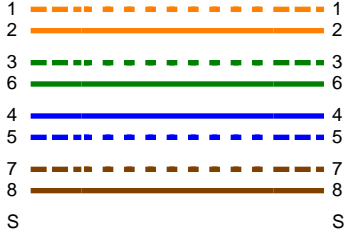
Date / Time: 08/25/2009 09:51:37am
 Headroom: 6.5 dB (NEXT 36-45)
 Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

Operator: NANCY RAMON
 Software Version: 2.1200
 Limits Version: 1.2800
 NVP: 69.0%

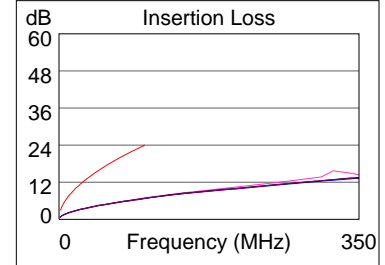
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

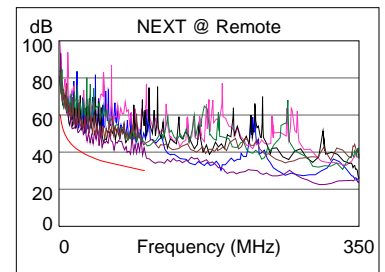
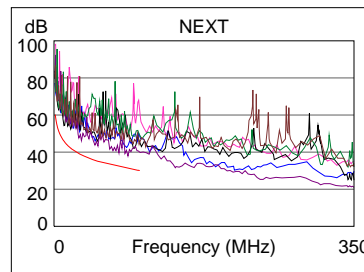
PASS



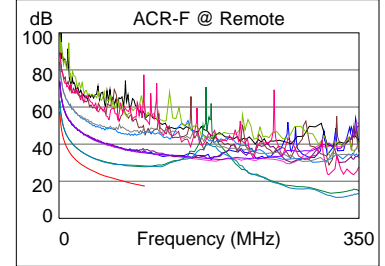
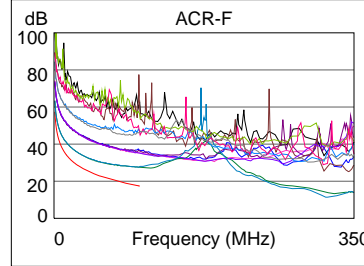
Length (m), Limit 100.0	[Pair 78]	31.9
Prop. Delay (ns), Limit 555		157
Delay Skew (ns), Limit 50		3
Resistance (ohms)	[Pair 12]	5.8
Insertion Loss Margin (dB)	[Pair 36]	17.1
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



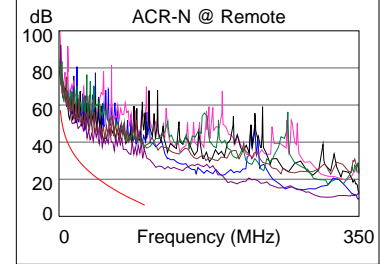
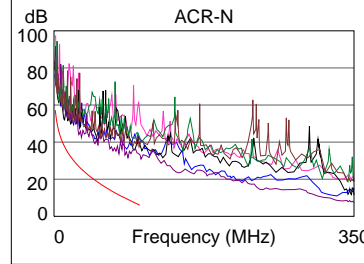
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	6.5	6.8	6.5	8.0
Freq. (MHz)	86.5	83.0	86.5	97.8
Limit (dB)	31.2	31.5	31.2	30.2
Worst Pair	36	36	36	36
PS NEXT (dB)	8.4	9.1	8.4	10.0
Freq. (MHz)	86.5	82.8	86.5	97.8
Limit (dB)	28.2	28.5	28.2	27.2



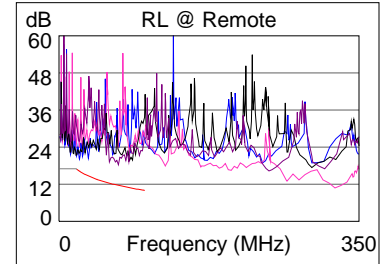
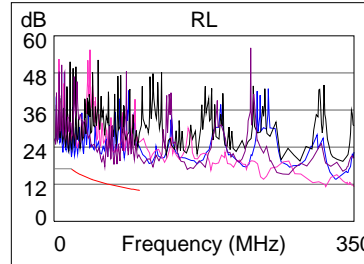
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	5.9	5.9	9.6	9.5
Freq. (MHz)	1.6	1.6	94.0	93.8
Limit (dB)	53.2	53.2	17.9	18.0
Worst Pair	45	36	45	45
PS ACR-F (dB)	8.5	8.5	11.8	12.2
Freq. (MHz)	2.0	1.0	94.0	98.3
Limit (dB)	48.4	54.4	14.9	14.6



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-78	12-78	36-45	36-45
ACR-N (dB)	13.9	14.7	22.4	25.0
Freq. (MHz)	11.8	12.0	86.5	97.8
Limit (dB)	38.1	37.9	9.0	6.5
Worst Pair	78	78	36	36
PS ACR-N (dB)	15.3	15.3	24.3	27.0
Freq. (MHz)	4.8	4.5	86.5	97.8
Limit (dB)	44.5	45.0	6.0	3.5



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	78	78
RL (dB)	4.9	3.9	5.4	6.4
Freq. (MHz)	24.0	23.8	59.0	69.8
Limit (dB)	16.2	16.3	12.3	11.6



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: D1-29

Test Summary: PASS

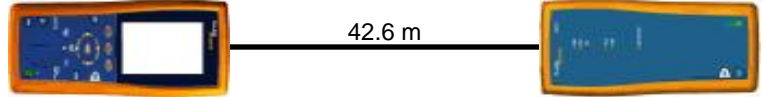
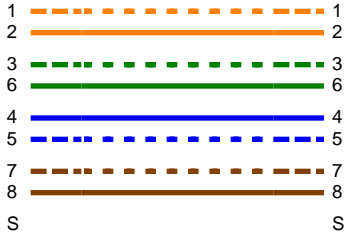
Date / Time: 08/25/2009 10:01:12am
Headroom: 5.7 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

Operator: NANCY RAMON
 Software Version: 2.1200
 Limits Version: 1.2800
 NVP: 69.0%

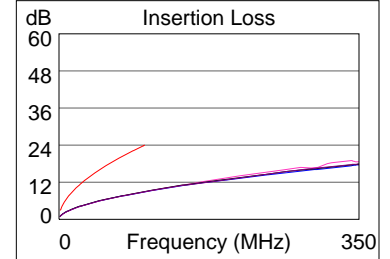
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

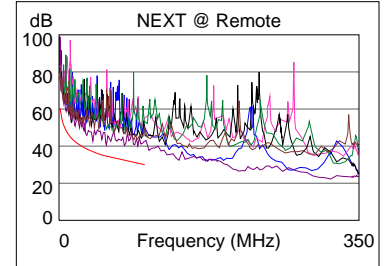
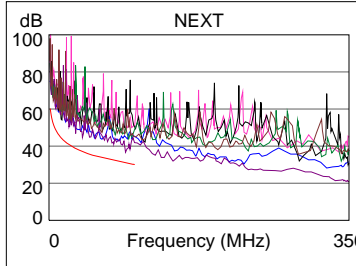
PASS



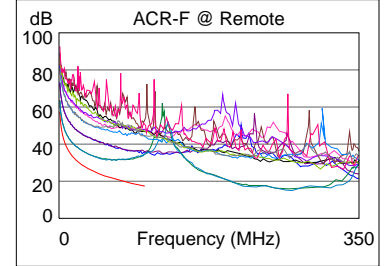
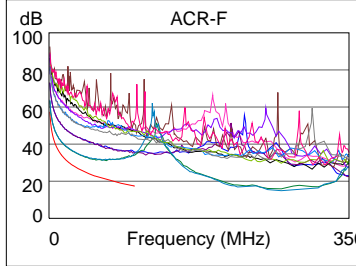
Length (m), Limit 100.0	[Pair 78]	42.6
Prop. Delay (ns), Limit 555		211
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 12]	7.6
Insertion Loss Margin (dB)	[Pair 36]	15.0
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



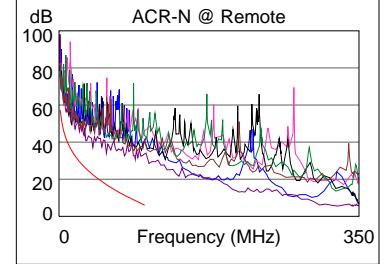
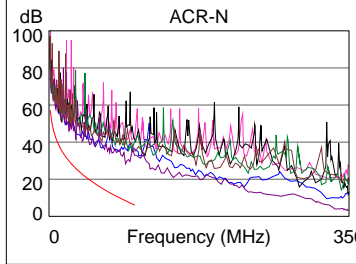
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	5.8	5.7	5.8	8.1
Freq. (MHz)	89.3	39.3	89.3	89.3
Limit (dB)	30.9	37.0	30.9	30.9
Worst Pair	36	36	36	45
PS NEXT (dB)	7.8	8.3	7.8	10.3
Freq. (MHz)	89.0	39.5	89.3	89.3
Limit (dB)	28.0	34.0	27.9	27.9



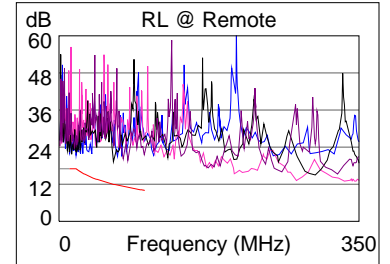
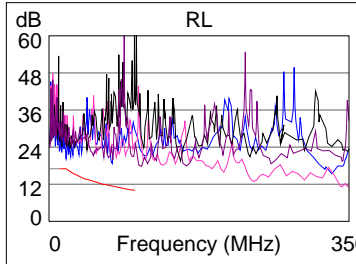
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	5.8	5.8	10.2	10.3
Freq. (MHz)	1.0	2.0	67.3	67.3
Limit (dB)	57.4	51.4	20.8	20.8
Worst Pair	36	36	36	36
PS ACR-F (dB)	8.5	8.4	12.0	12.3
Freq. (MHz)	2.0	1.0	61.8	66.8
Limit (dB)	48.4	54.4	18.6	17.9



	Worst Case Margin		Worst Case Value	
N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	12-78	36-45	36-45
ACR-N (dB)	11.6	13.5	19.9	22.2
Freq. (MHz)	2.3	14.6	89.3	89.3
Limit (dB)	54.3	35.6	8.4	8.4
Worst Pair	45	45	36	45
PS ACR-N (dB)	13.6	15.0	21.9	25.4
Freq. (MHz)	2.3	2.4	89.3	94.8
Limit (dB)	51.3	50.8	5.4	4.2



	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	12	12	12	45
RL (dB)	3.2	4.0	6.7	7.0
Freq. (MHz)	20.0	20.1	73.3	63.8
Limit (dB)	17.0	17.0	11.4	12.0



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: D1-28

Test Summary: PASS

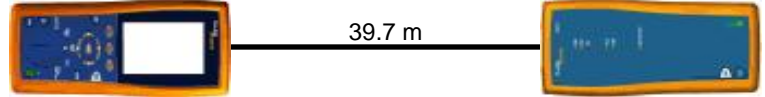
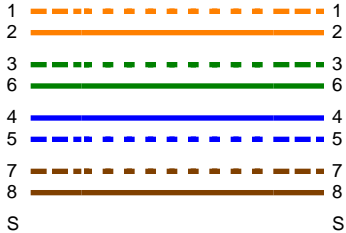
Date / Time: 08/25/2009 09:59:09am
Headroom: 4.5 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

Operator: NANCY RAMON
 Software Version: 2.1200
 Limits Version: 1.2800
 NVP: 69.0%

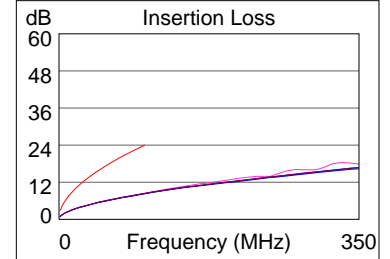
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

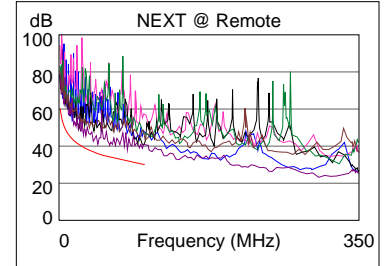
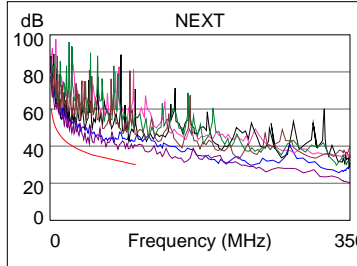
PASS



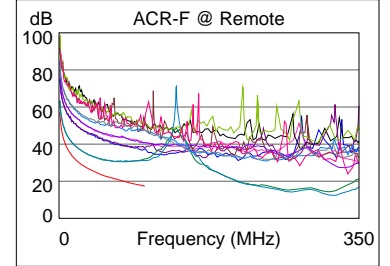
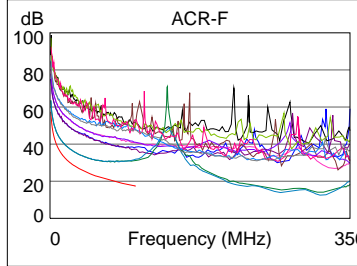
Length (m), Limit 100.0	[Pair 78]	39.7
Prop. Delay (ns), Limit 555		196
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	7.0
Insertion Loss Margin (dB)	[Pair 36]	15.6
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



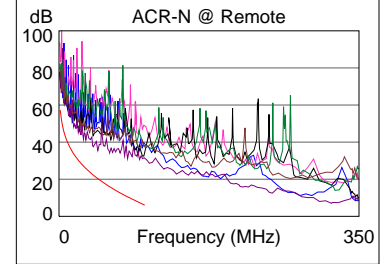
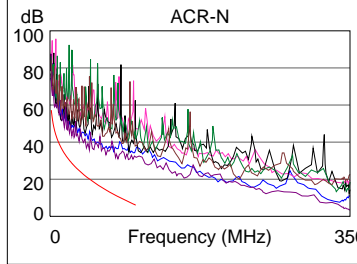
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	4.6	4.5	6.2	6.2
Freq. (MHz)	45.5	45.8	79.5	79.5
Limit (dB)	35.9	35.9	31.8	31.8
Worst Pair	36	45	36	36
PS NEXT (dB)	7.1	7.3	8.9	9.8
Freq. (MHz)	45.3	45.8	91.0	96.8
Limit (dB)	33.0	32.9	27.8	27.3



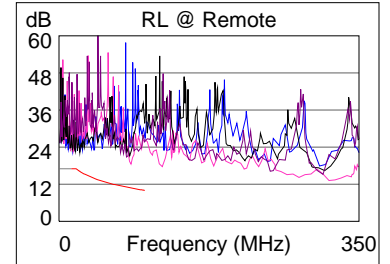
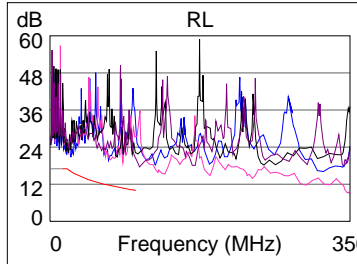
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	6.0	6.1	10.4	9.8
Freq. (MHz)	1.9	1.0	75.3	69.8
Limit (dB)	51.9	57.4	19.9	20.5
Worst Pair	36	36	36	36
PS ACR-F (dB)	8.8	8.7	13.3	12.8
Freq. (MHz)	1.0	1.9	78.5	75.3
Limit (dB)	54.4	48.9	16.5	16.9



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	11.7	13.9	22.7	23.6
Freq. (MHz)	2.5	2.5	94.0	96.8
Limit (dB)	53.4	53.4	7.3	6.7
Worst Pair	45	12	36	36
PS ACR-N (dB)	14.3	14.9	24.3	25.1
Freq. (MHz)	2.5	1.9	94.0	96.8
Limit (dB)	50.4	52.8	4.3	3.7



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	36	36
RL (dB)	4.3	4.9	8.3	7.4
Freq. (MHz)	19.1	19.1	85.0	84.5
Limit (dB)	17.0	17.0	10.7	10.7



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: D1-27

Test Summary: PASS

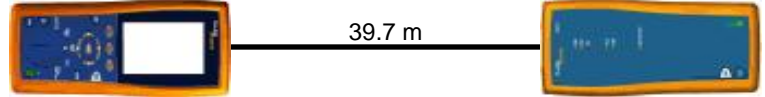
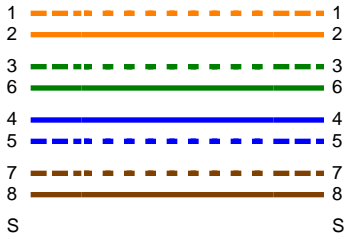
Date / Time: 08/25/2009 09:58:10am
Headroom: 3.1 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

Operator: NANCY RAMON
 Software Version: 2.1200
 Limits Version: 1.2800
 NVP: 69.0%

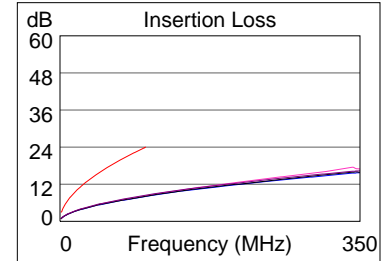
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

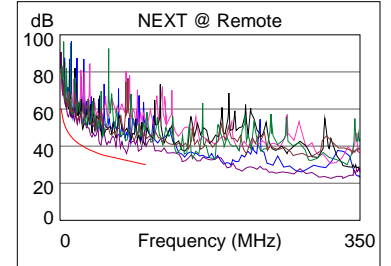
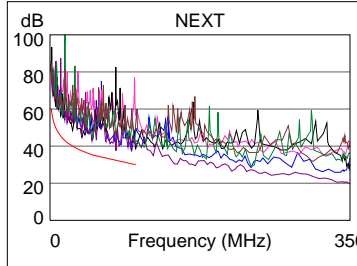
PASS



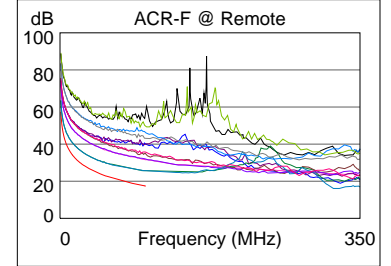
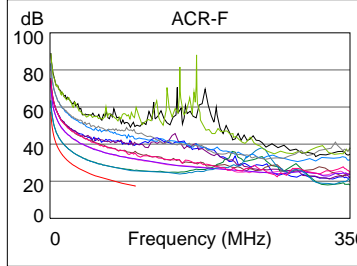
Length (m), Limit 100.0	[Pair 12]	39.7
Prop. Delay (ns), Limit 555		197
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 12]	7.4
Insertion Loss Margin (dB)	[Pair 36]	15.6
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



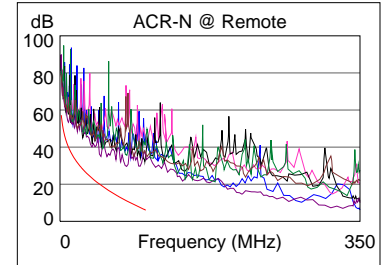
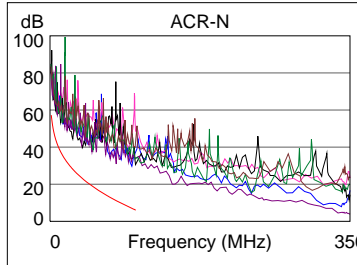
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	5.4	3.1	5.4	3.1
Freq. (MHz)	76.8	76.8	76.8	76.8
Limit (dB)	32.1	32.1	32.1	32.1
Worst Pair	36	36	36	36
PS NEXT (dB)	6.8	5.0	7.7	5.0
Freq. (MHz)	76.8	76.8	94.5	76.8
Limit (dB)	29.1	29.1	27.5	29.1



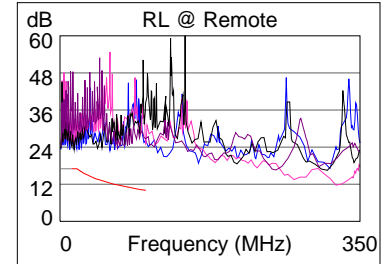
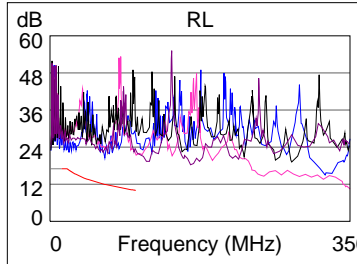
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	45-36	36-45
ACR-F (dB)	5.6	5.6	7.6	7.8
Freq. (MHz)	1.3	1.3	95.5	95.8
Limit (dB)	55.5	55.5	17.8	17.8
Worst Pair	45	36	36	45
PS ACR-F (dB)	7.9	8.1	10.2	9.9
Freq. (MHz)	1.3	1.3	98.8	98.8
Limit (dB)	52.5	52.5	14.5	14.5



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	12-36	36-45
ACR-N (dB)	15.0	13.1	22.3	16.9
Freq. (MHz)	2.4	9.3	94.8	77.0
Limit (dB)	53.8	40.7	7.2	11.2
Worst Pair	12	45	36	36
PS ACR-N (dB)	15.6	14.5	22.9	18.7
Freq. (MHz)	6.9	8.8	94.5	76.8
Limit (dB)	40.8	38.3	4.2	8.3



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	12	12	12
RL (dB)	5.5	6.2	8.4	10.4
Freq. (MHz)	19.4	16.6	64.3	69.8
Limit (dB)	17.0	17.0	11.9	11.6



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: D1-26

Test Summary: PASS

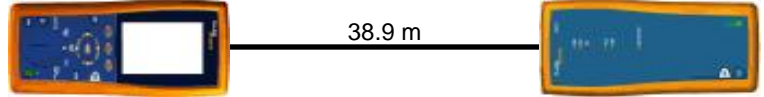
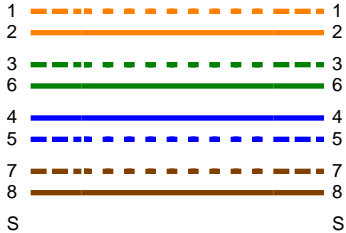
Date / Time: 08/25/2009 10:04:38am
Headroom: 4.2 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

Operator: NANCY RAMON
 Software Version: 2.1200
 Limits Version: 1.2800
 NVP: 69.0%

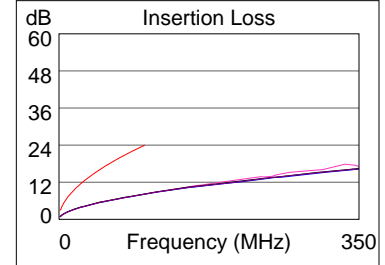
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

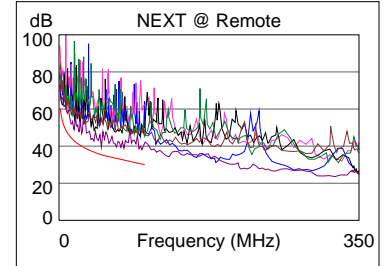
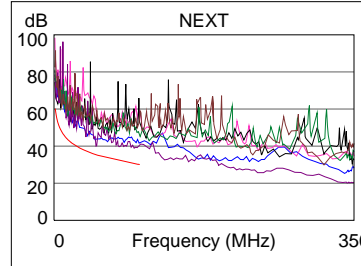
PASS



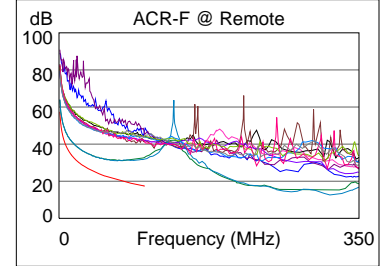
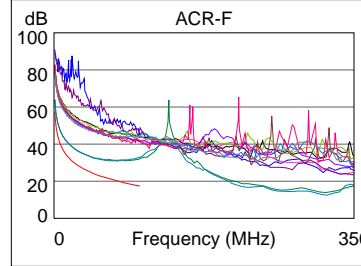
Length (m), Limit 100.0	[Pair 78]	38.9
Prop. Delay (ns), Limit 555		192
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	7.1
Insertion Loss Margin (dB)	[Pair 36]	15.8
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



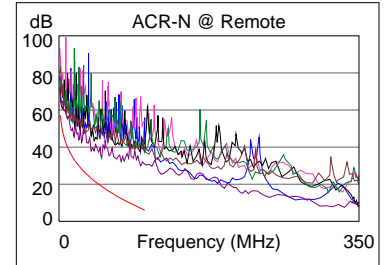
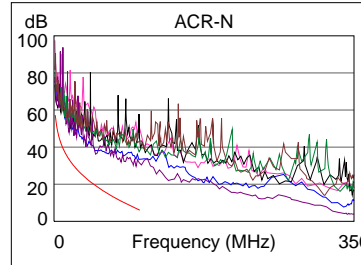
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	4.3	4.2	7.0	6.8
Freq. (MHz)	49.3	49.3	96.0	96.0
Limit (dB)	35.4	35.4	30.4	30.4
Worst Pair	36	36	36	36
PS NEXT (dB)	5.6	7.0	8.6	9.0
Freq. (MHz)	49.3	49.3	96.0	96.0
Limit (dB)	32.4	32.4	27.4	27.4



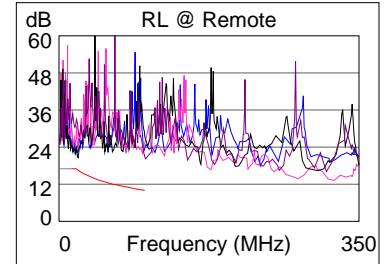
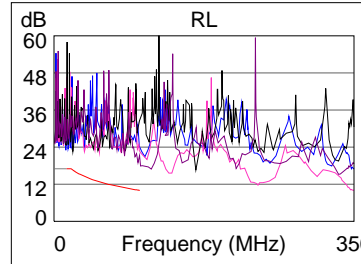
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	6.3	6.4	9.7	9.8
Freq. (MHz)	2.3	1.0	65.5	65.5
Limit (dB)	50.4	57.4	21.1	21.1
Worst Pair	45	36	45	36
PS ACR-F (dB)	9.1	9.2	12.3	13.5
Freq. (MHz)	2.3	2.3	65.5	74.0
Limit (dB)	47.4	47.4	18.1	17.0



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	36-45	36-45
ACR-N (dB)	10.0	9.2	22.5	22.3
Freq. (MHz)	2.0	2.0	96.3	96.3
Limit (dB)	55.3	55.3	6.8	6.8
Worst Pair	12	78	36	36
PS ACR-N (dB)	12.3	11.6	24.1	24.5
Freq. (MHz)	1.8	2.0	96.0	96.0
Limit (dB)	53.4	52.3	3.9	3.9



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	45	78	45
RL (dB)	5.9	3.7	8.7	3.7
Freq. (MHz)	16.6	21.9	97.5	21.9
Limit (dB)	17.0	16.6	10.1	16.6



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: D1-25

Test Summary: PASS

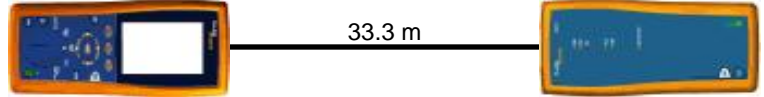
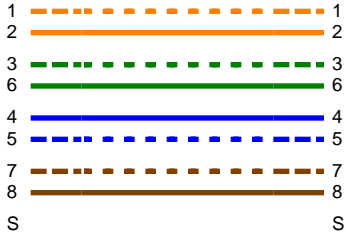
Date / Time: 08/25/2009 10:02:47am
Headroom: 4.4 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

Operator: NANCY RAMON
 Software Version: 2.1200
 Limits Version: 1.2800
 NVP: 69.0%

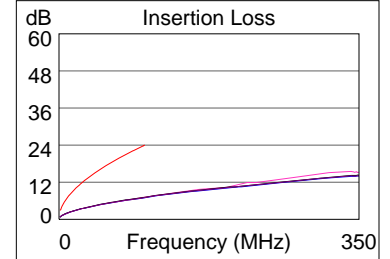
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

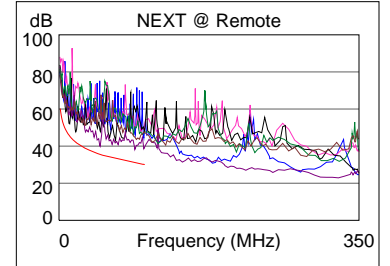
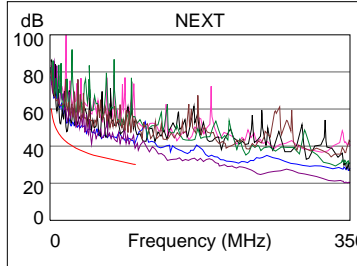
PASS



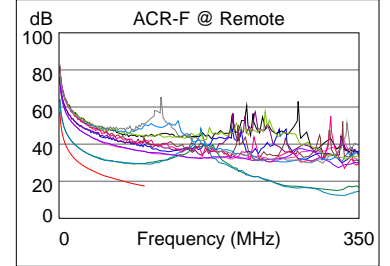
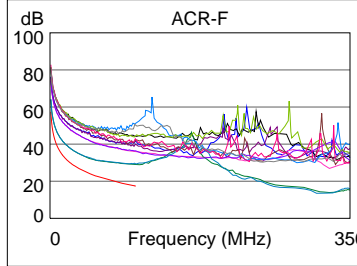
Length (m), Limit 100.0	[Pair 78]	33.3
Prop. Delay (ns), Limit 555		165
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	6.1
Insertion Loss Margin (dB)	[Pair 45]	16.8
Frequency (MHz)	[Pair 45]	100.0
Limit (dB)	[Pair 45]	24.0



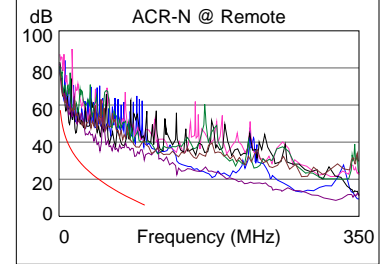
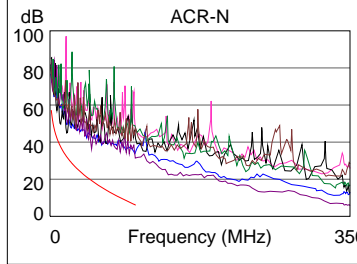
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-78	36-45	36-45	36-45
NEXT (dB)	5.6	4.4	8.5	7.3
Freq. (MHz)	19.5	47.8	99.5	99.8
Limit (dB)	42.2	35.6	30.1	30.1
Worst Pair	12	36	36	36
PS NEXT (dB)	7.3	7.2	9.6	9.3
Freq. (MHz)	19.5	48.0	99.5	99.5
Limit (dB)	39.2	32.5	27.1	27.1



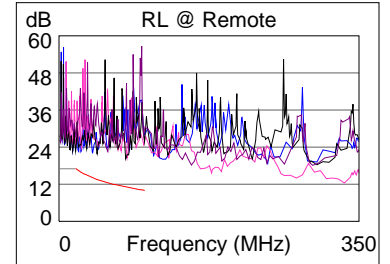
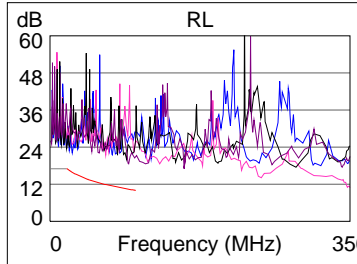
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	6.5	6.5	11.0	11.1
Freq. (MHz)	1.0	1.0	93.5	93.0
Limit (dB)	57.4	57.4	18.0	18.0
Worst Pair	45	36	45	36
PS ACR-F (dB)	9.1	9.1	13.2	13.7
Freq. (MHz)	1.0	1.0	93.5	96.5
Limit (dB)	54.4	54.4	15.0	14.7



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-78	12-78	36-45	36-45
ACR-N (dB)	11.7	11.7	25.2	24.1
Freq. (MHz)	11.9	11.9	99.5	99.8
Limit (dB)	38.0	38.0	6.2	6.1
Worst Pair	12	12	36	36
PS ACR-N (dB)	14.1	13.8	26.4	26.1
Freq. (MHz)	11.9	11.9	99.5	99.5
Limit (dB)	35.0	35.0	3.2	3.2



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	78	45
RL (dB)	6.2	5.7	8.1	8.0
Freq. (MHz)	22.6	22.6	91.5	78.3
Limit (dB)	16.5	16.5	10.4	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: D1-24

Test Summary: PASS

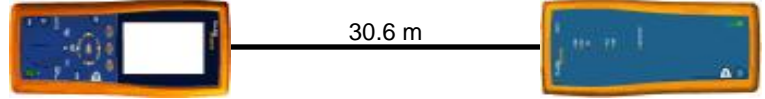
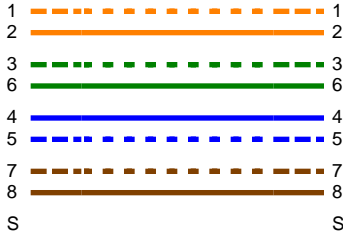
Date / Time: 08/25/2009 02:33:22pm
Headroom: 4.1 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

Operator: NANCY RAMON
 Software Version: 2.1200
 Limits Version: 1.2800
 NVP: 69.0%

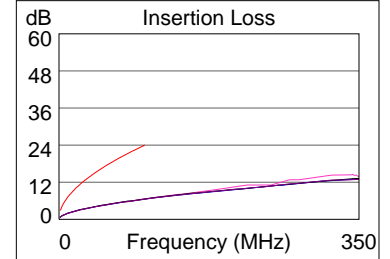
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

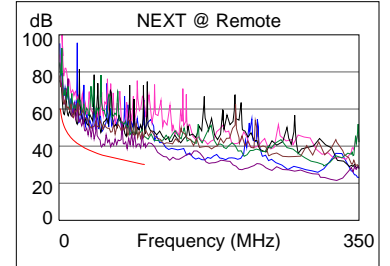
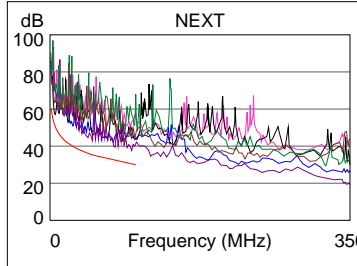
PASS



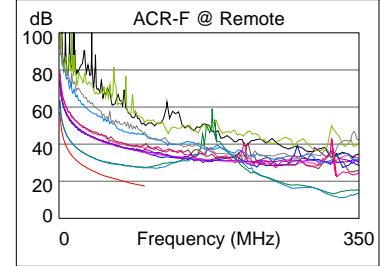
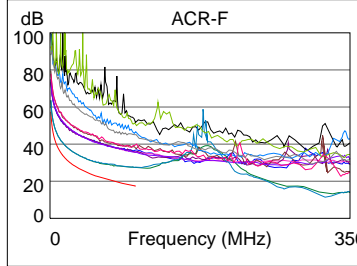
Length (m), Limit 100.0	[Pair 78]	30.6
Prop. Delay (ns), Limit 555		152
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	5.7
Insertion Loss Margin (dB)	[Pair 36]	17.3
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



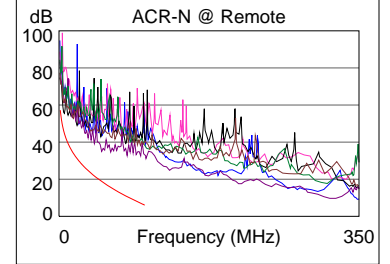
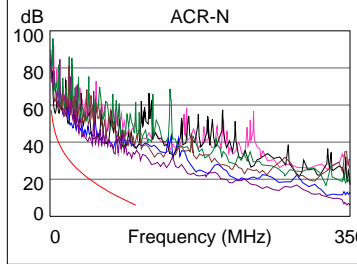
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-78	36-45	36-45	36-45
NEXT (dB)	6.0	4.1	6.8	7.7
Freq. (MHz)	5.5	49.3	94.8	94.8
Limit (dB)	51.3	35.4	30.5	30.5
Worst Pair	36	36	36	45
PS NEXT (dB)	7.8	6.7	9.0	9.9
Freq. (MHz)	74.8	49.5	94.8	94.8
Limit (dB)	29.3	32.3	27.5	27.5



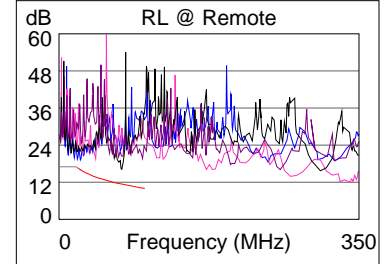
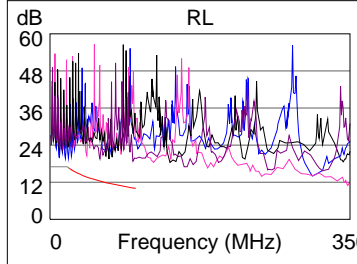
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	5.9	6.0	9.6	9.6
Freq. (MHz)	1.5	1.1	97.8	98.5
Limit (dB)	53.9	56.4	17.6	17.5
Worst Pair	36	36	45	36
PS ACR-F (dB)	8.5	8.4	11.9	11.9
Freq. (MHz)	1.1	1.5	97.8	99.8
Limit (dB)	53.4	50.9	14.6	14.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-78	12-78	36-45	36-45
ACR-N (dB)	9.8	9.8	23.7	24.6
Freq. (MHz)	5.4	5.4	94.8	94.8
Limit (dB)	46.3	46.3	7.2	7.2
Worst Pair	78	78	36	45
PS ACR-N (dB)	11.6	11.4	25.9	26.8
Freq. (MHz)	5.4	5.4	94.8	94.8
Limit (dB)	43.3	43.3	4.2	4.2



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	78	45
RL (dB)	4.3	3.1	8.2	4.6
Freq. (MHz)	25.1	24.9	97.3	72.8
Limit (dB)	16.0	16.1	10.1	11.4



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: D1-23

Test Summary: PASS

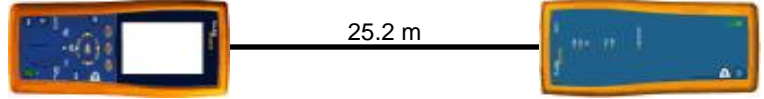
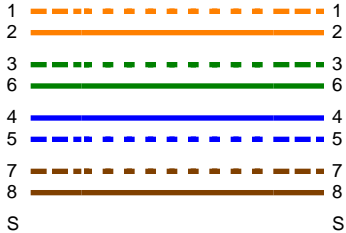
Date / Time: 08/25/2009 11:07:36am
 Headroom: 5.9 dB (NEXT 36-45)
 Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

Operator: NANCY RAMON
 Software Version: 2.1200
 Limits Version: 1.2800
 NVP: 69.0%

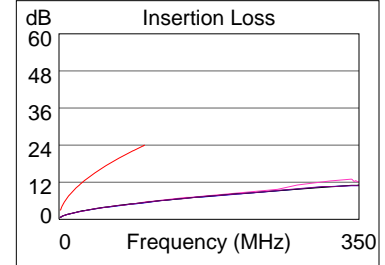
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

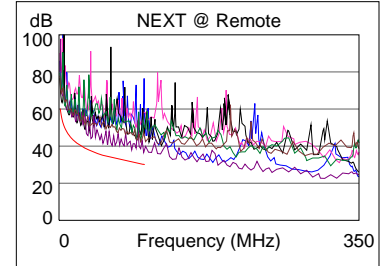
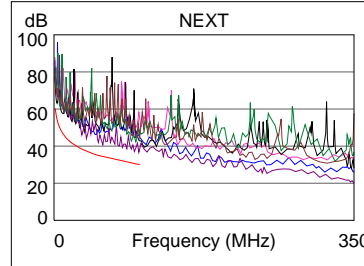
PASS



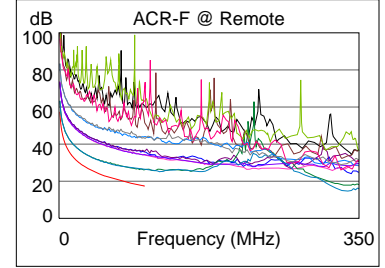
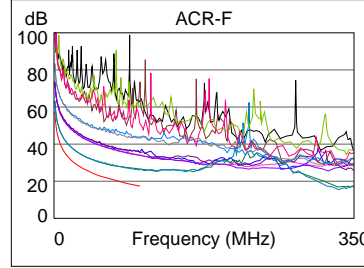
Length (m), Limit 100.0	[Pair 78]	25.2
Prop. Delay (ns), Limit 555		125
Delay Skew (ns), Limit 50		3
Resistance (ohms)	[Pair 12]	4.9
Insertion Loss Margin (dB)	[Pair 36]	18.4
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



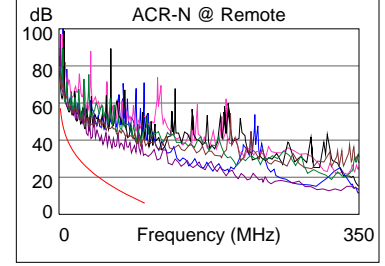
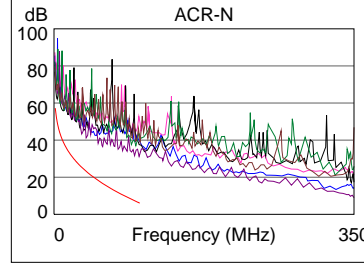
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	6.3	5.9	6.5	6.0
Freq. (MHz)	56.3	37.8	99.0	99.3
Limit (dB)	34.4	37.3	30.2	30.1
Worst Pair	36	45	36	45
PS NEXT (dB)	7.9	8.4	7.9	8.4
Freq. (MHz)	94.3	37.8	94.3	99.5
Limit (dB)	27.5	34.3	27.5	27.1



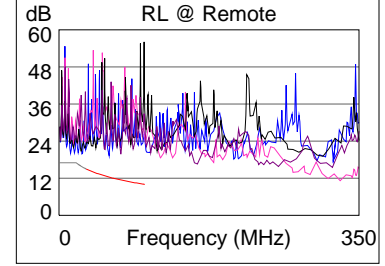
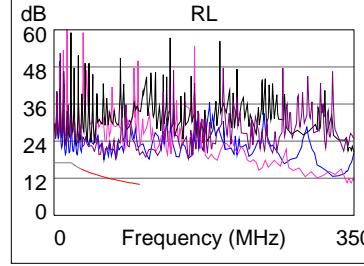
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	5.9	5.9	8.4	8.3
Freq. (MHz)	1.0	1.0	97.8	98.0
Limit (dB)	57.4	57.4	17.6	17.6
Worst Pair	36	36	45	45
PS ACR-F (dB)	8.5	8.5	10.7	10.7
Freq. (MHz)	1.0	1.0	97.8	98.3
Limit (dB)	54.4	54.4	14.6	14.6



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-78	12-78	36-45	36-45
ACR-N (dB)	10.9	11.2	24.9	24.4
Freq. (MHz)	2.8	2.5	99.0	99.3
Limit (dB)	52.5	53.4	6.3	6.2
Worst Pair	78	78	36	45
PS ACR-N (dB)	11.8	11.8	25.8	26.8
Freq. (MHz)	2.5	2.3	94.3	99.5
Limit (dB)	50.4	51.3	4.3	3.2



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	78	12
RL (dB)	5.6	6.6	6.3	6.6
Freq. (MHz)	58.3	58.0	72.3	58.0
Limit (dB)	12.4	12.4	11.4	12.4



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: D1-21

Test Summary: PASS

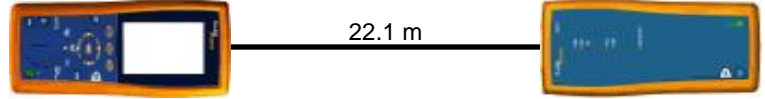
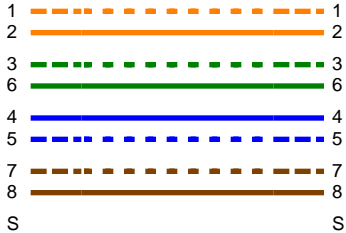
Date / Time: 08/25/2009 11:10:06am
 Headroom: 3.0 dB (NEXT 36-45)
 Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

Operator: NANCY RAMON
 Software Version: 2.1200
 Limits Version: 1.2800
 NVP: 69.0%

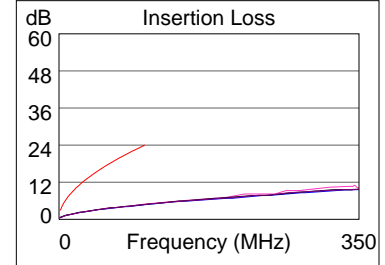
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

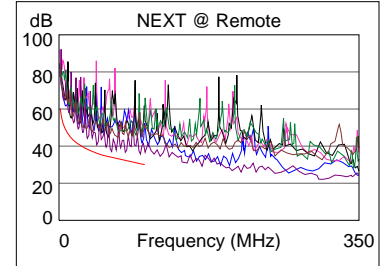
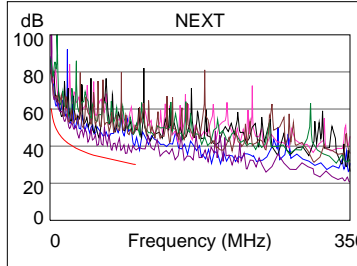
PASS



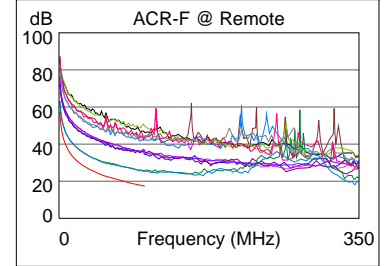
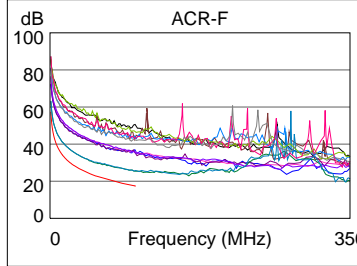
Length (m), Limit 100.0	[Pair 36]	22.1
Prop. Delay (ns), Limit 555		109
Delay Skew (ns), Limit 50		2
Resistance (ohms)	[Pair 45]	4.4
Insertion Loss Margin (dB)	[Pair 36]	19.0
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



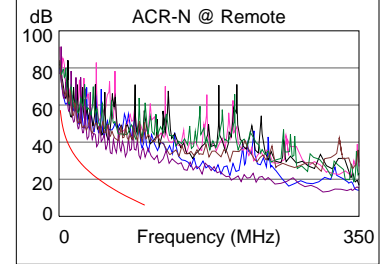
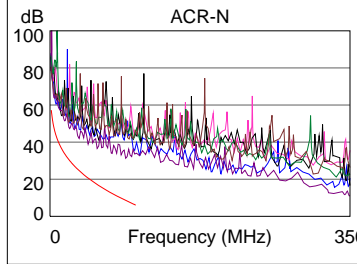
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	4.5	3.0	4.5	5.1
Freq. (MHz)	88.8	60.8	88.8	94.5
Limit (dB)	31.0	33.8	31.0	30.5
Worst Pair	36	45	36	36
PS NEXT (dB)	7.3	5.7	7.3	7.7
Freq. (MHz)	88.8	60.8	88.8	94.8
Limit (dB)	28.0	30.8	28.0	27.5



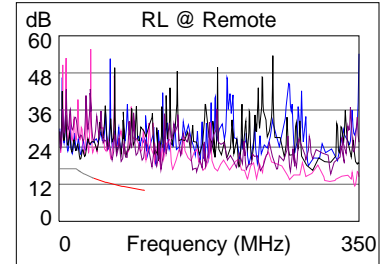
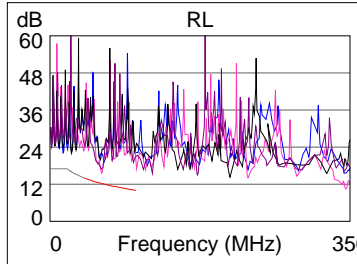
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	5.7	5.7	7.8	7.7
Freq. (MHz)	1.0	1.0	99.0	99.0
Limit (dB)	57.4	57.4	17.5	17.5
Worst Pair	36	36	45	36
PS ACR-F (dB)	8.4	8.2	10.3	10.3
Freq. (MHz)	1.0	1.0	99.0	99.0
Limit (dB)	54.4	54.4	14.5	14.5



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	16.1	16.3	22.5	23.8
Freq. (MHz)	4.4	33.5	88.8	94.5
Limit (dB)	48.2	24.9	8.5	7.2
Worst Pair	45	36	36	36
PS ACR-N (dB)	17.0	17.7	25.3	26.3
Freq. (MHz)	4.4	22.8	88.8	94.8
Limit (dB)	45.2	27.2	5.5	4.2



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36	78	36	78
RL (dB)	3.4	7.6	3.4	7.6
Freq. (MHz)	60.3	73.0	60.3	73.0
Limit (dB)	12.2	11.4	12.2	11.4



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: D1-20

Test Summary: PASS

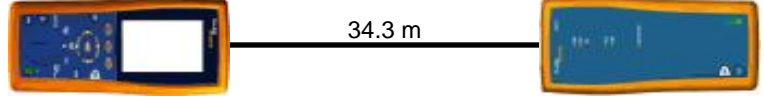
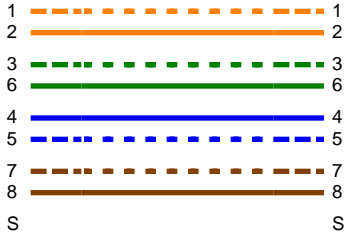
Date / Time: 08/25/2009 11:14:51am
 Headroom: 5.7 dB (NEXT 36-45)
 Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

Operator: NANCY RAMON
 Software Version: 2.1200
 Limits Version: 1.2800
 NVP: 69.0%

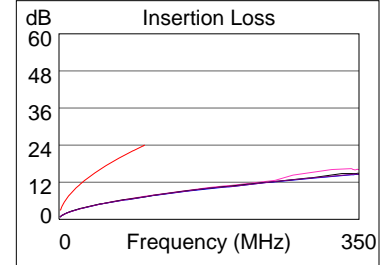
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

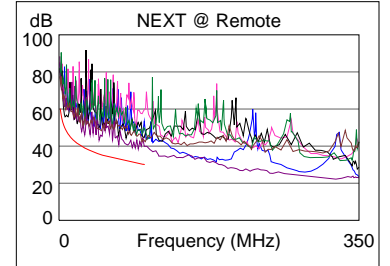
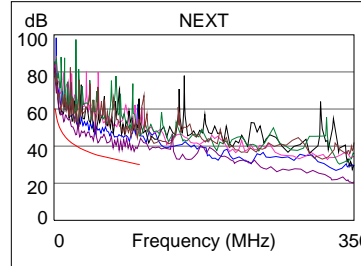
PASS



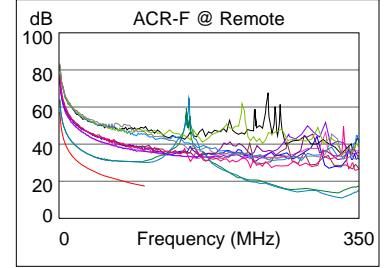
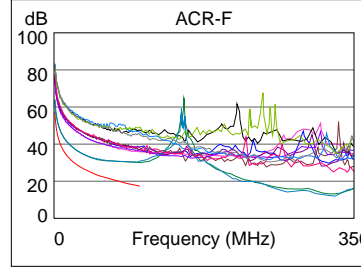
Length (m), Limit 100.0	[Pair 78]	34.3
Prop. Delay (ns), Limit 555		170
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	6.3
Insertion Loss Margin (dB)	[Pair 36]	16.6
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



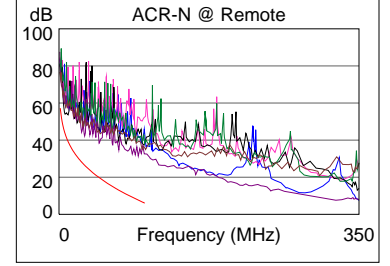
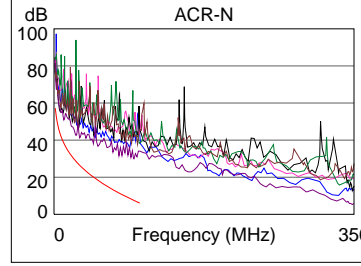
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	12-78	36-45	36-45
NEXT (dB)	5.7	6.2	6.3	7.2
Freq. (MHz)	75.8	6.9	93.0	93.0
Limit (dB)	32.2	49.7	30.6	30.6
Worst Pair	36	78	36	36
PS NEXT (dB)	8.0	8.0	8.6	9.7
Freq. (MHz)	30.0	7.4	89.5	92.8
Limit (dB)	36.0	46.2	27.9	27.6



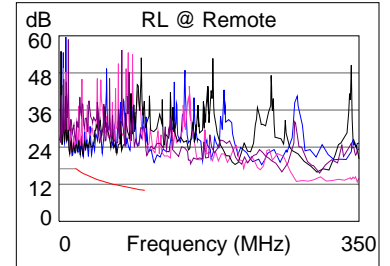
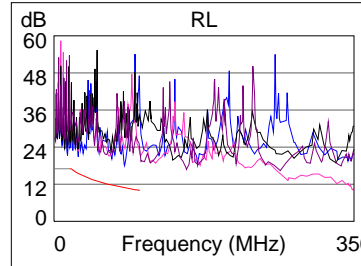
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	6.5	6.4	10.3	10.4
Freq. (MHz)	2.0	1.0	77.3	78.5
Limit (dB)	51.4	57.4	19.6	19.5
Worst Pair	36	36	45	36
PS ACR-F (dB)	9.0	9.0	13.2	14.1
Freq. (MHz)	1.0	2.0	86.5	98.5
Limit (dB)	54.4	48.4	15.7	14.5



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-78	12-78	36-45	36-45
ACR-N (dB)	11.7	10.3	22.4	23.3
Freq. (MHz)	6.5	6.4	93.0	93.0
Limit (dB)	44.4	44.6	7.5	7.5
Worst Pair	45	78	36	36
PS ACR-N (dB)	13.5	12.2	24.3	25.7
Freq. (MHz)	8.0	7.1	89.5	92.8
Limit (dB)	39.3	40.5	5.3	4.6



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	12	12
RL (dB)	5.4	5.0	7.1	5.1
Freq. (MHz)	28.1	18.8	82.3	28.1
Limit (dB)	15.5	17.0	10.9	15.5



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: D1-19

Test Summary: PASS

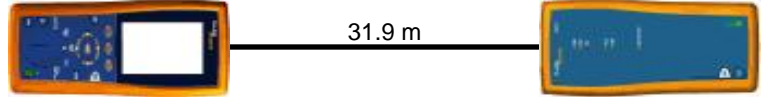
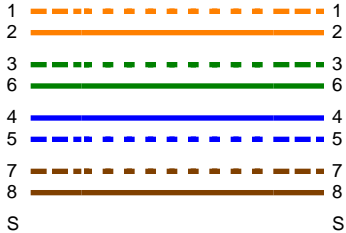
Date / Time: 08/25/2009 11:46:28am
Headroom: 3.1 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

Operator: NANCY RAMON
 Software Version: 2.1200
 Limits Version: 1.2800
 NVP: 69.0%

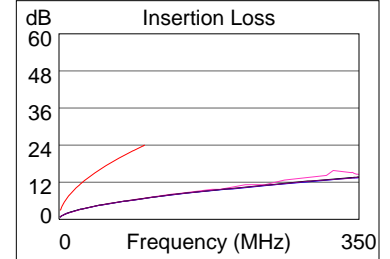
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

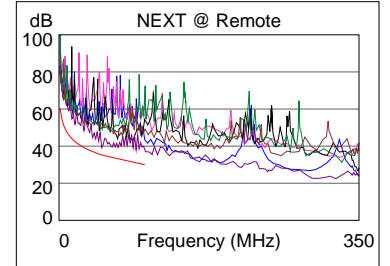
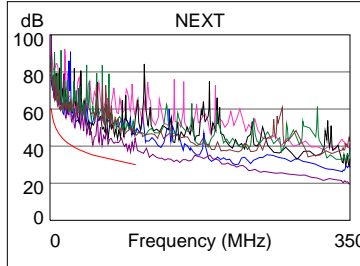
PASS



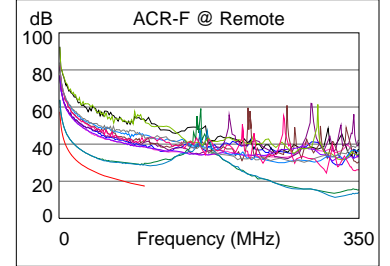
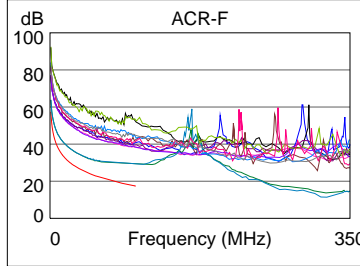
Length (m), Limit 100.0	[Pair 78]	31.9
Prop. Delay (ns), Limit 555		158
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	5.8
Insertion Loss Margin (dB)	[Pair 36]	17.1
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



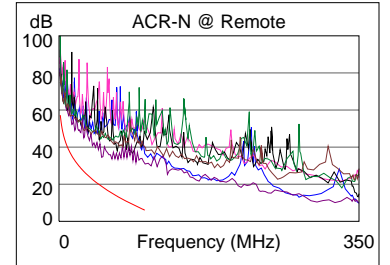
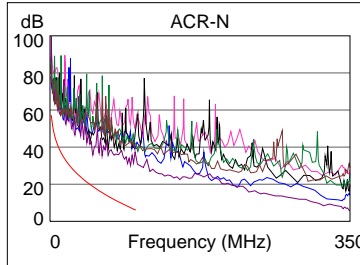
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	5.2	3.1	6.0	7.0
Freq. (MHz)	50.3	50.3	93.8	90.0
Limit (dB)	35.2	35.2	30.6	30.9
Worst Pair	36	36	36	45
PS NEXT (dB)	8.0	5.7	8.7	9.9
Freq. (MHz)	50.3	50.3	93.8	94.0
Limit (dB)	32.2	32.2	27.6	27.5



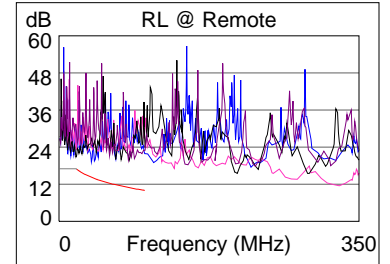
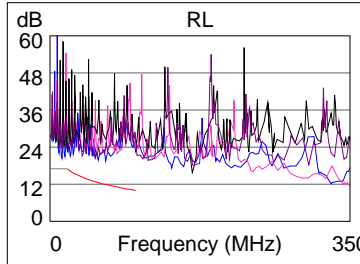
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	36-45	45-36
ACR-F (dB)	6.4	6.4	11.1	10.9
Freq. (MHz)	1.0	1.0	98.0	95.0
Limit (dB)	57.4	57.4	17.6	17.8
Worst Pair	36	36	45	36
PS ACR-F (dB)	9.1	9.2	13.6	13.6
Freq. (MHz)	1.0	1.0	98.8	98.0
Limit (dB)	54.4	54.4	14.5	14.6



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-36	36-45	36-45	36-45
ACR-N (dB)	16.0	14.9	22.6	24.0
Freq. (MHz)	1.6	50.3	93.8	94.0
Limit (dB)	56.9	18.7	7.4	7.3
Worst Pair	12	78	36	45
PS ACR-N (dB)	16.2	16.6	25.3	26.5
Freq. (MHz)	1.6	4.3	93.8	94.0
Limit (dB)	53.9	45.5	4.4	4.3



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	12	12
RL (dB)	4.7	4.9	7.1	4.9
Freq. (MHz)	23.8	38.0	65.5	38.0
Limit (dB)	16.3	14.2	11.8	14.2



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: D1-18

Test Summary: PASS

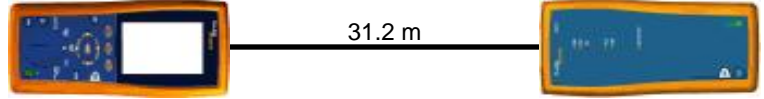
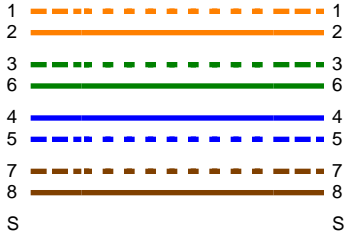
Date / Time: 08/25/2009 11:17:15am
Headroom: 5.0 dB (NEXT 12-36)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

Operator: NANCY RAMON
 Software Version: 2.1200
 Limits Version: 1.2800
 NVP: 69.0%

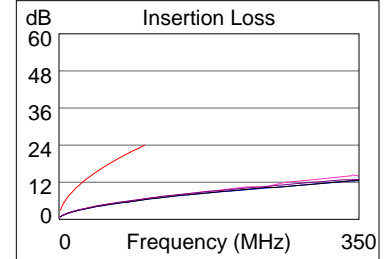
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

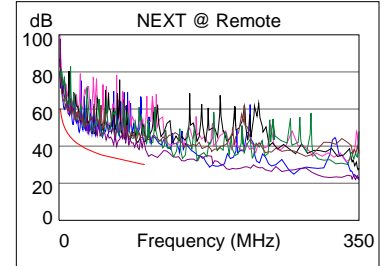
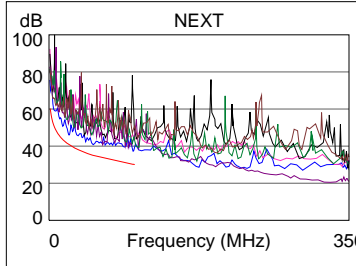
PASS



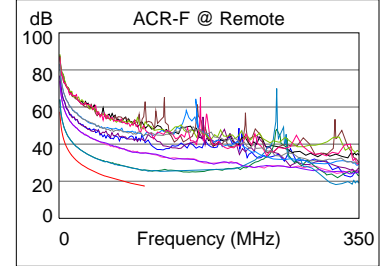
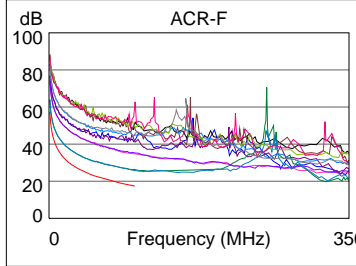
Length (m), Limit 100.0	[Pair 12]	31.2
Prop. Delay (ns), Limit 555		155
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	5.8
Insertion Loss Margin (dB)	[Pair 36]	17.4
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



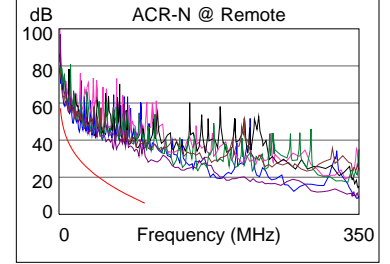
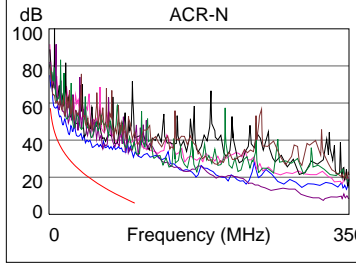
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-36	36-45	12-36	36-45
NEXT (dB)	5.0	6.4	7.0	6.4
Freq. (MHz)	23.1	92.8	98.3	92.8
Limit (dB)	40.9	30.6	30.2	30.6
Worst Pair	36	36	36	36
PS NEXT (dB)	6.8	8.3	8.0	8.9
Freq. (MHz)	23.0	38.5	97.5	92.8
Limit (dB)	38.0	34.2	27.3	27.6



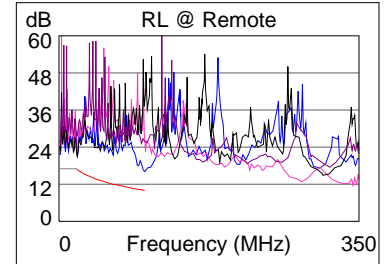
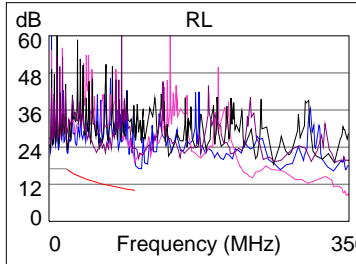
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	45-36	36-45
ACR-F (dB)	6.6	6.6	8.1	8.3
Freq. (MHz)	1.1	1.0	97.5	97.5
Limit (dB)	56.4	57.4	17.6	17.6
Worst Pair	45	45	45	45
PS ACR-F (dB)	9.1	9.1	10.8	10.6
Freq. (MHz)	2.3	2.1	96.8	98.8
Limit (dB)	47.4	47.9	14.7	14.5



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-36	12-36	12-36	36-45
ACR-N (dB)	12.3	13.0	24.3	23.3
Freq. (MHz)	5.3	5.8	98.3	92.8
Limit (dB)	46.5	45.6	6.4	7.6
Worst Pair	36	36	36	36
PS ACR-N (dB)	14.7	15.1	25.2	25.7
Freq. (MHz)	1.6	5.8	97.5	93.0
Limit (dB)	53.9	42.6	3.6	4.5



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36	12	36	12
RL (dB)	8.7	6.1	8.7	6.1
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: D1-16

Test Summary: PASS

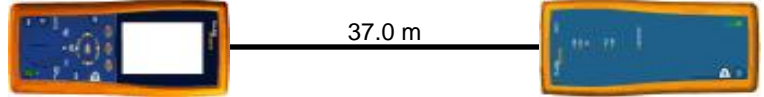
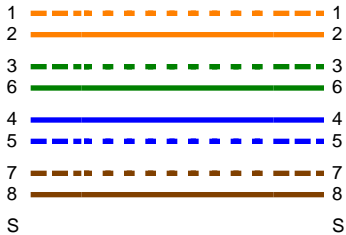
Date / Time: 08/25/2009 02:31:47pm
Headroom: 5.0 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

Operator: NANCY RAMON
 Software Version: 2.1200
 Limits Version: 1.2800
 NVP: 69.0%

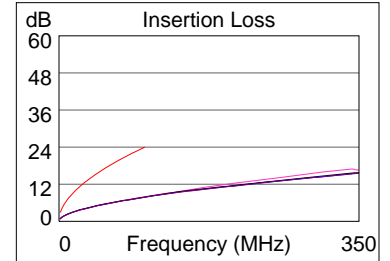
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

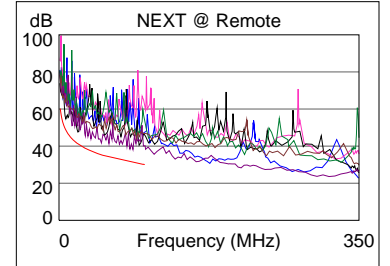
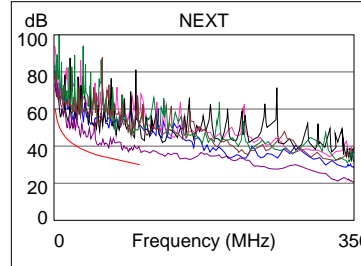
PASS



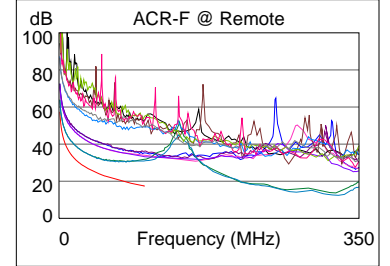
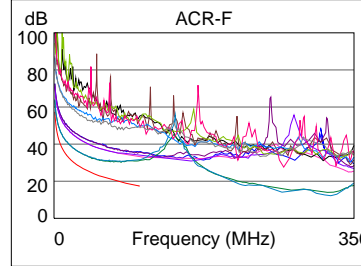
Length (m), Limit 100.0	[Pair 78]	37.0
Prop. Delay (ns), Limit 555		183
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	6.7
Insertion Loss Margin (dB)	[Pair 36]	15.9
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



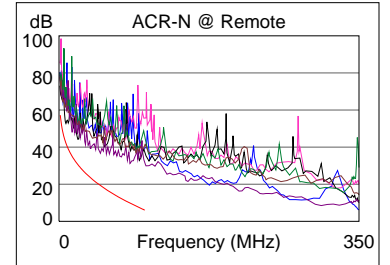
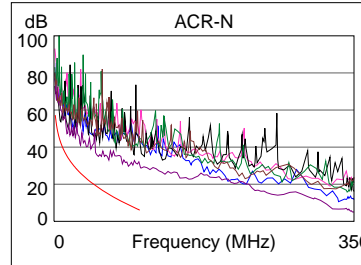
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	5.0	5.4	5.3	6.7
Freq. (MHz)	49.3	49.0	86.0	86.0
Limit (dB)	35.4	35.4	31.2	31.2
Worst Pair	45	45	45	36
PS NEXT (dB)	7.8	8.0	7.9	9.2
Freq. (MHz)	52.0	49.0	86.3	85.8
Limit (dB)	32.0	32.4	28.2	28.2



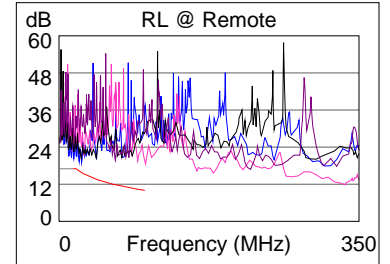
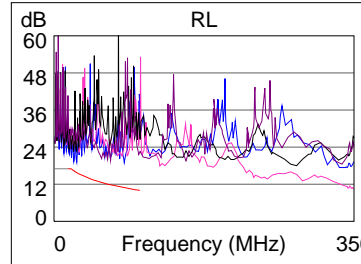
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	6.2	6.3	10.6	10.7
Freq. (MHz)	1.0	2.3	78.0	77.8
Limit (dB)	57.4	50.4	19.6	19.6
Worst Pair	45	36	45	45
PS ACR-F (dB)	8.5	8.7	12.3	13.5
Freq. (MHz)	1.0	1.0	77.8	86.5
Limit (dB)	54.4	54.4	16.6	15.7



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-78	12-78	36-45	36-45
ACR-N (dB)	10.7	10.2	20.2	21.6
Freq. (MHz)	7.6	7.6	86.0	86.0
Limit (dB)	42.8	42.8	9.1	9.1
Worst Pair	12	12	45	36
PS ACR-N (dB)	13.0	12.5	22.9	24.0
Freq. (MHz)	7.1	7.6	86.3	85.8
Limit (dB)	40.5	39.8	6.0	6.2



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	12	12
RL (dB)	2.8	2.8	7.8	2.9
Freq. (MHz)	23.4	23.4	82.3	26.4
Limit (dB)	16.3	16.3	10.9	15.8



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: D1-15

Test Summary: PASS

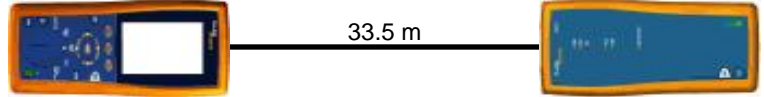
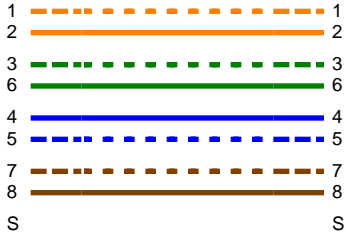
Date / Time: 08/25/2009 02:29:26pm
Headroom: 4.7 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

Operator: NANCY RAMON
 Software Version: 2.1200
 Limits Version: 1.2800
 NVP: 69.0%

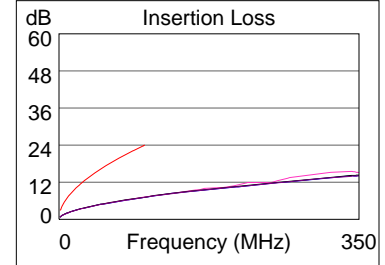
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

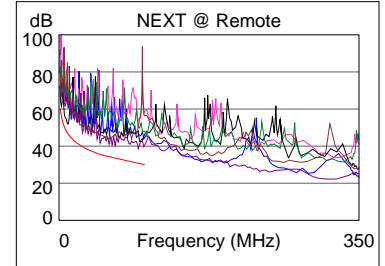
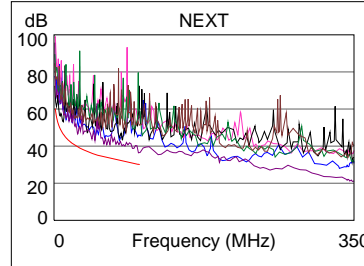
PASS



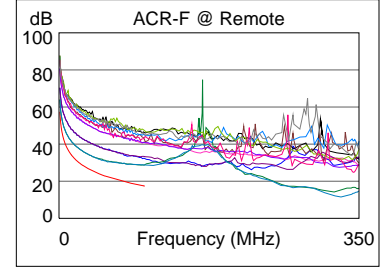
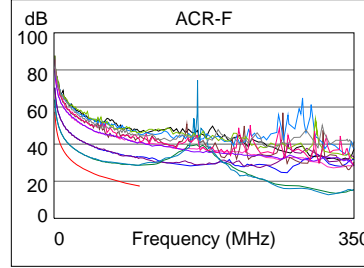
Length (m), Limit 100.0	[Pair 78]	33.5
Prop. Delay (ns), Limit 555		165
Delay Skew (ns), Limit 50		3
Resistance (ohms)	[Pair 12]	6.1
Insertion Loss Margin (dB)	[Pair 36]	16.8
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



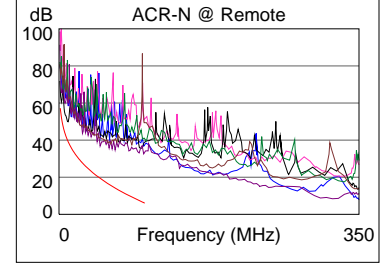
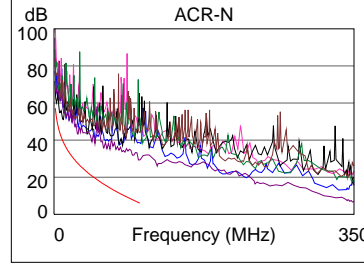
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	12-78	36-45	36-45
NEXT (dB)	4.7	4.9	4.7	7.5
Freq. (MHz)	99.3	2.3	99.3	99.8
Limit (dB)	30.1	57.6	30.1	30.1
Worst Pair	36	12	36	36
PS NEXT (dB)	7.4	7.5	7.4	9.7
Freq. (MHz)	99.3	10.3	99.3	99.5
Limit (dB)	27.1	43.8	27.1	27.1



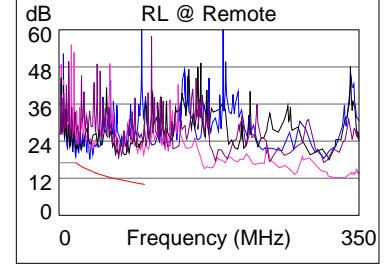
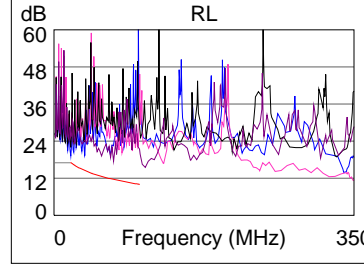
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	6.4	6.4	10.9	10.9
Freq. (MHz)	1.0	2.0	100.0	99.8
Limit (dB)	57.4	51.4	17.4	17.4
Worst Pair	36	36	36	36
PS ACR-F (dB)	8.6	8.5	12.5	12.4
Freq. (MHz)	2.0	1.0	96.8	99.0
Limit (dB)	48.4	54.4	14.7	14.5



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-78	12-78	36-45	36-45
ACR-N (dB)	7.2	7.2	21.5	24.4
Freq. (MHz)	2.1	2.3	99.3	99.8
Limit (dB)	54.8	54.3	6.2	6.1
Worst Pair	78	78	36	36
PS ACR-N (dB)	9.9	9.9	24.1	26.4
Freq. (MHz)	2.1	2.3	99.3	99.5
Limit (dB)	51.8	51.3	3.2	3.2



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	78	78
RL (dB)	2.2	1.9	5.7	6.4
Freq. (MHz)	19.4	19.5	69.8	69.8
Limit (dB)	17.0	17.0	11.6	11.6



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: D1-14

Test Summary: PASS

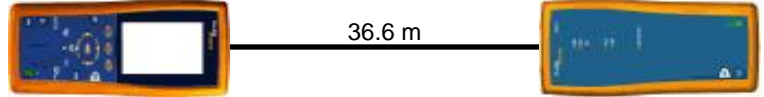
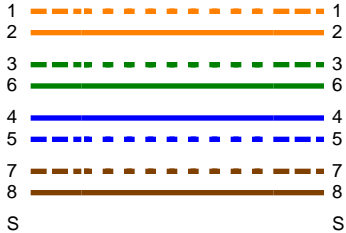
Date / Time: 08/25/2009 10:48:53am
Headroom: 2.1 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

Operator: NANCY RAMON
 Software Version: 2.1200
 Limits Version: 1.2800
 NVP: 69.0%

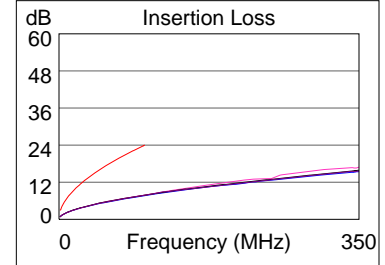
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

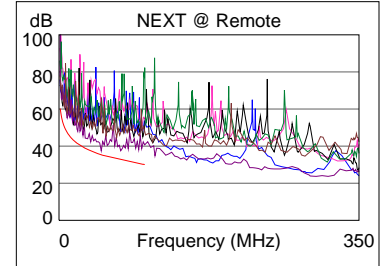
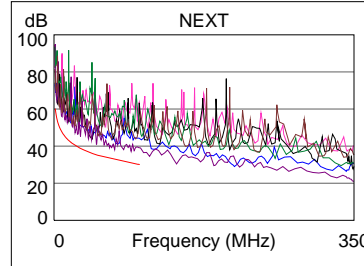
PASS



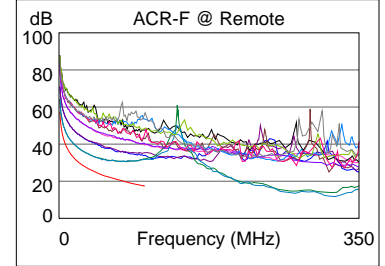
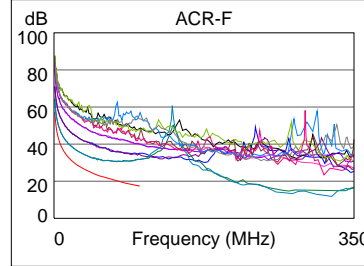
Length (m), Limit 100.0	[Pair 78]	36.6
Prop. Delay (ns), Limit 555		182
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 12]	6.6
Insertion Loss Margin (dB)	[Pair 36]	16.1
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



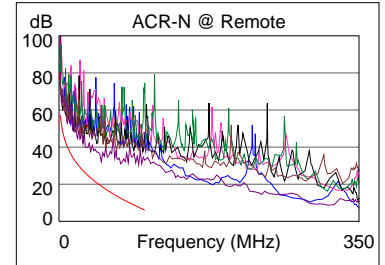
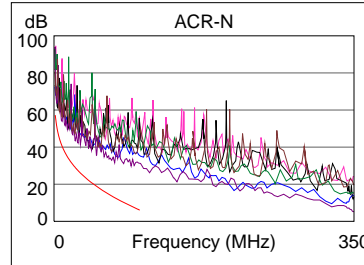
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	5.2	2.1	5.5	4.4
Freq. (MHz)	67.8	49.3	80.5	71.5
Limit (dB)	33.0	35.4	31.7	32.6
Worst Pair	36	36	36	36
PS NEXT (dB)	6.9	5.1	8.5	7.2
Freq. (MHz)	71.0	49.3	89.5	71.5
Limit (dB)	29.6	32.4	27.9	29.6



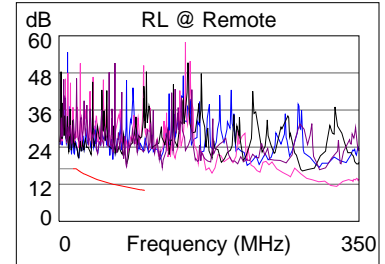
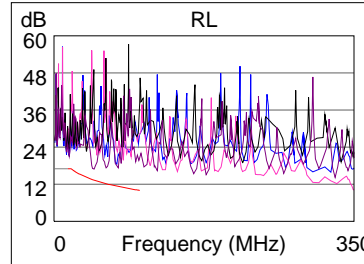
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
ACR-F (dB)	6.4	6.3	10.2	11.0
Freq. (MHz)	1.3	2.1	72.8	79.3
Limit (dB)	55.5	50.9	20.2	19.4
Worst Pair	36	36	36	36
PS ACR-F (dB)	8.7	8.7	12.9	12.7
Freq. (MHz)	1.1	1.3	79.3	78.5
Limit (dB)	53.4	52.5	16.4	16.5



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-36	36-45	36-45	36-45
ACR-N (dB)	11.5	11.8	21.6	17.9
Freq. (MHz)	1.6	2.9	90.0	71.5
Limit (dB)	56.9	52.1	8.2	12.6
Worst Pair	12	45	36	45
PS ACR-N (dB)	13.0	13.5	23.7	25.6
Freq. (MHz)	1.6	2.8	89.5	93.0
Limit (dB)	53.9	49.5	5.3	4.5



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	78	12	78	78
RL (dB)	3.5	3.8	3.5	6.6
Freq. (MHz)	45.3	23.0	45.5	78.8
Limit (dB)	13.5	16.4	13.4	11.0



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: D1-13

Test Summary: PASS

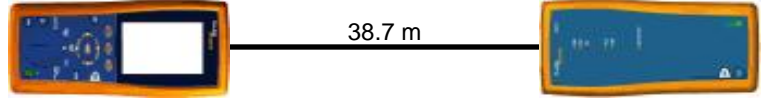
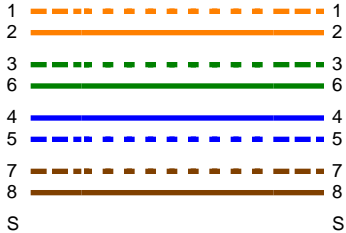
Date / Time: 08/25/2009 10:43:15am
Headroom: 4.9 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

Operator: NANCY RAMON
 Software Version: 2.1200
 Limits Version: 1.2800
 NVP: 69.0%

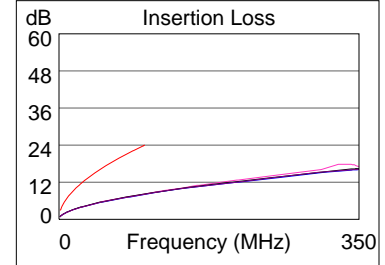
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

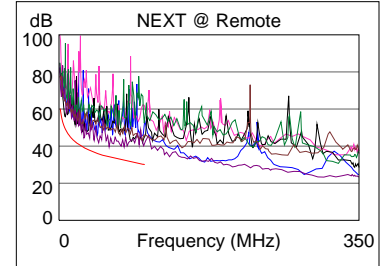
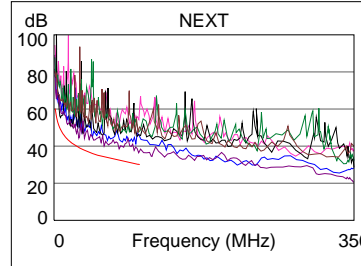
PASS



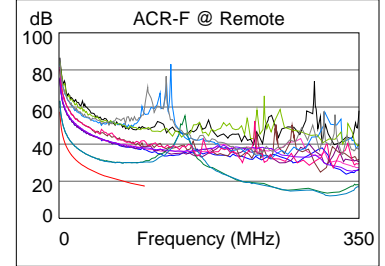
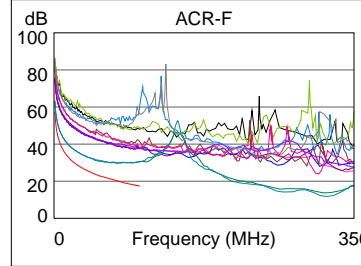
Length (m), Limit 100.0	[Pair 78]	38.7
Prop. Delay (ns), Limit 555		191
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	7.0
Insertion Loss Margin (dB)	[Pair 36]	15.8
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



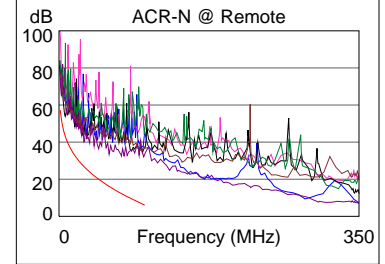
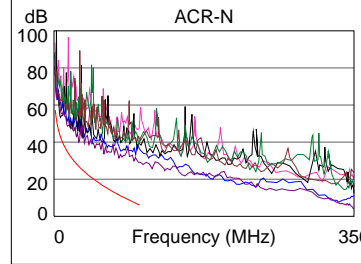
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	4.9	4.9	5.5	8.4
Freq. (MHz)	29.3	29.4	99.3	99.5
Limit (dB)	39.2	39.2	30.1	30.1
Worst Pair	36	36	36	45
PS NEXT (dB)	6.8	7.1	7.8	10.6
Freq. (MHz)	29.3	29.4	99.5	99.5
Limit (dB)	36.2	36.2	27.1	27.1



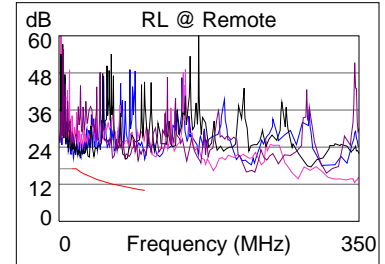
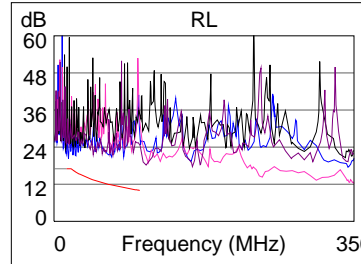
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
ACR-F (dB)	5.7	5.7	9.6	9.7
Freq. (MHz)	2.3	1.9	74.3	74.3
Limit (dB)	50.4	51.9	20.0	20.0
Worst Pair	36	36	36	36
PS ACR-F (dB)	8.4	8.4	13.6	11.9
Freq. (MHz)	1.9	1.9	90.5	74.3
Limit (dB)	48.9	48.9	15.3	17.0



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-78	12-78	36-45	36-45
ACR-N (dB)	10.0	10.3	21.2	24.1
Freq. (MHz)	7.1	6.8	99.5	99.5
Limit (dB)	43.5	44.0	6.2	6.2
Worst Pair	12	12	36	45
PS ACR-N (dB)	12.2	12.6	23.5	26.3
Freq. (MHz)	7.0	6.8	99.5	99.5
Limit (dB)	40.6	41.0	3.2	3.2



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	12	45
RL (dB)	3.2	3.4	3.2	8.3
Freq. (MHz)	16.8	16.8	16.8	78.5
Limit (dB)	17.0	17.0	17.0	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: D1-12

Test Summary: PASS

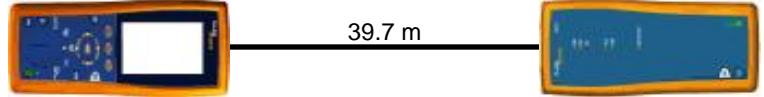
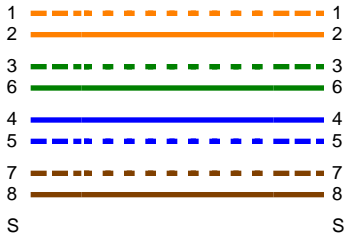
Date / Time: 08/25/2009 10:42:18am
Headroom: 6.3 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

Operator: NANCY RAMON
 Software Version: 2.1200
 Limits Version: 1.2800
 NVP: 69.0%

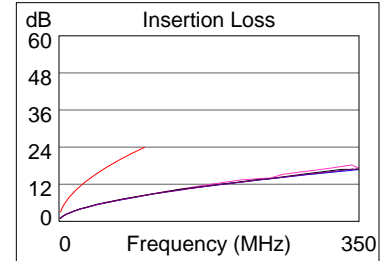
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

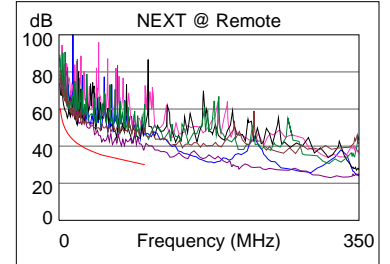
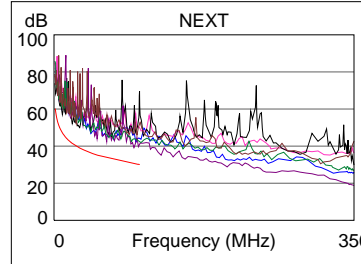
PASS



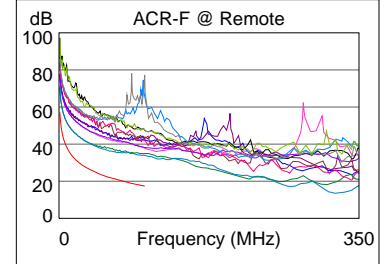
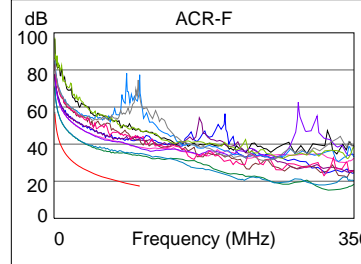
Length (m), Limit 100.0	[Pair 78]	39.7
Prop. Delay (ns), Limit 555		197
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 12]	7.2
Insertion Loss Margin (dB)	[Pair 36]	15.5
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



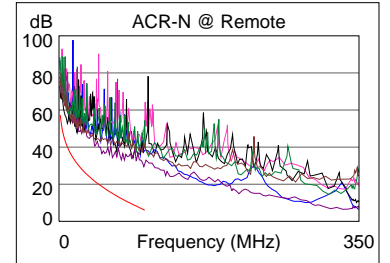
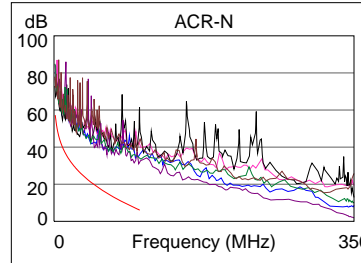
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	8.4	6.3	8.4	7.6
Freq. (MHz)	92.8	50.5	92.8	98.8
Limit (dB)	30.6	35.2	30.6	30.2
Worst Pair	36	45	36	36
PS NEXT (dB)	9.1	8.8	9.5	9.7
Freq. (MHz)	61.8	50.5	98.8	98.5
Limit (dB)	30.7	32.2	27.2	27.2



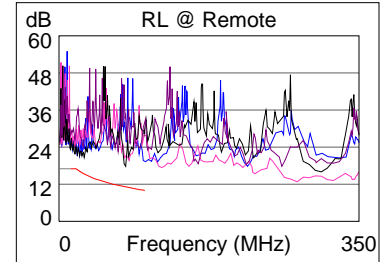
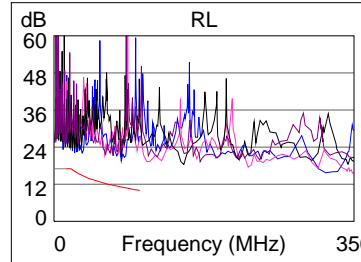
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	12.5	12.4	16.2	16.2
Freq. (MHz)	1.6	2.1	96.5	97.5
Limit (dB)	53.2	50.9	17.7	17.6
Worst Pair	45	36	45	36
PS ACR-F (dB)	14.6	14.6	17.9	18.2
Freq. (MHz)	1.6	2.0	96.5	96.3
Limit (dB)	50.2	48.4	14.7	14.7



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-78	12-78	36-45	36-45
ACR-N (dB)	11.4	10.6	23.3	23.1
Freq. (MHz)	1.9	1.8	92.8	98.8
Limit (dB)	55.8	56.4	7.6	6.3
Worst Pair	78	78	36	36
PS ACR-N (dB)	12.9	12.3	25.0	25.1
Freq. (MHz)	1.6	1.8	98.8	98.5
Limit (dB)	53.9	53.4	3.3	3.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	12	45
RL (dB)	5.9	4.5	8.4	6.5
Freq. (MHz)	24.1	21.1	78.8	78.0
Limit (dB)	16.2	16.8	11.0	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: D1-11

Test Summary: PASS

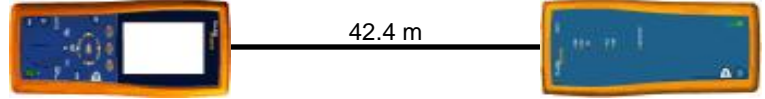
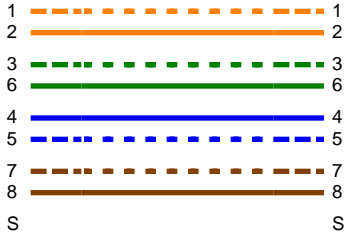
Date / Time: 08/25/2009 10:46:16am
Headroom: 4.1 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

Operator: NANCY RAMON
 Software Version: 2.1200
 Limits Version: 1.2800
 NVP: 69.0%

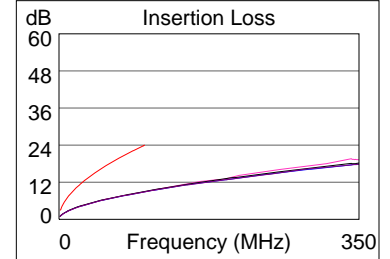
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

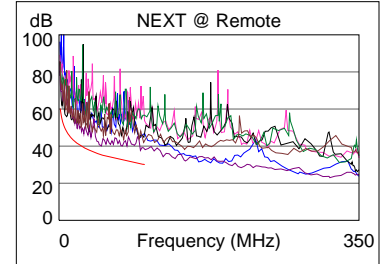
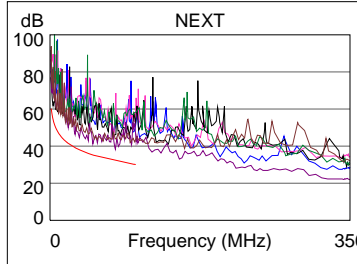
PASS



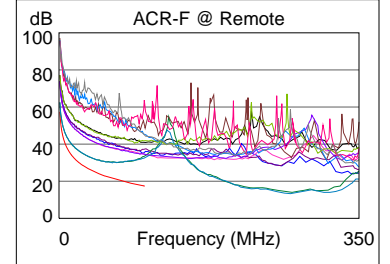
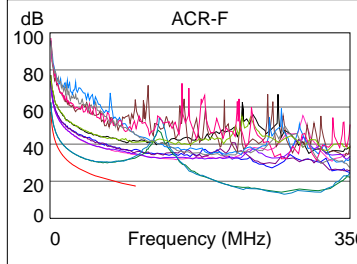
Length (m), Limit 100.0	[Pair 78]	42.4
Prop. Delay (ns), Limit 555		210
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 12]	7.6
Insertion Loss Margin (dB)	[Pair 36]	14.9
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



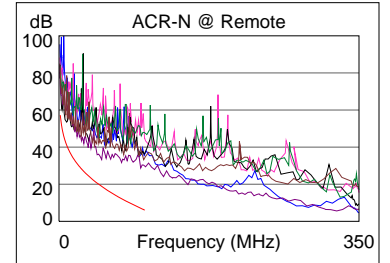
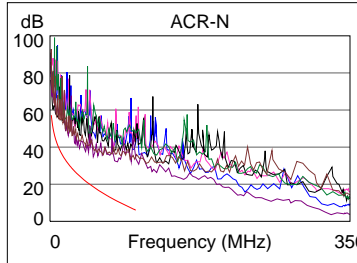
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	5.7	4.1	6.2	7.1
Freq. (MHz)	50.3	50.0	76.3	95.3
Limit (dB)	35.2	35.2	32.1	30.4
Worst Pair	45	36	45	36
PS NEXT (dB)	7.4	6.7	8.1	9.4
Freq. (MHz)	41.8	50.0	76.0	95.3
Limit (dB)	33.6	32.2	29.1	27.4



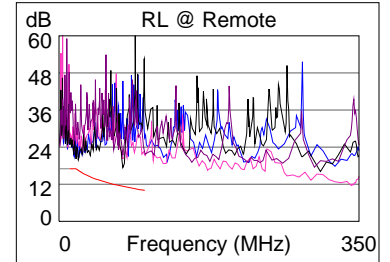
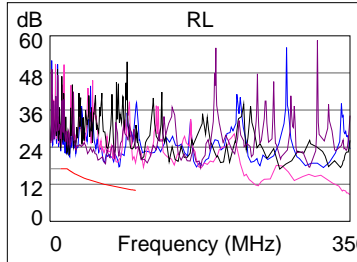
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	5.0	4.9	8.3	8.4
Freq. (MHz)	1.3	1.3	62.3	62.3
Limit (dB)	55.5	55.5	21.5	21.5
Worst Pair	45	45	45	45
PS ACR-F (dB)	7.6	7.6	12.1	11.5
Freq. (MHz)	1.3	1.3	74.8	67.3
Limit (dB)	52.5	52.5	16.9	17.8



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-78	12-78	36-45	36-45
ACR-N (dB)	9.6	9.4	19.0	21.6
Freq. (MHz)	3.1	3.3	76.3	95.3
Limit (dB)	51.4	51.0	11.4	7.1
Worst Pair	78	78	45	36
PS ACR-N (dB)	12.0	11.5	20.8	23.9
Freq. (MHz)	2.9	3.3	76.0	95.3
Limit (dB)	49.1	48.0	8.5	4.1



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	45	12	45
RL (dB)	3.7	3.2	6.6	5.9
Freq. (MHz)	22.6	19.8	80.8	75.3
Limit (dB)	16.5	17.0	10.9	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: D1-10

Test Summary: FAIL

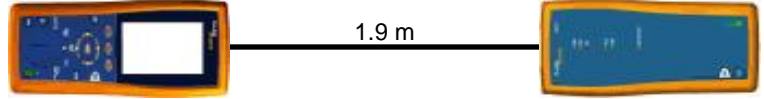
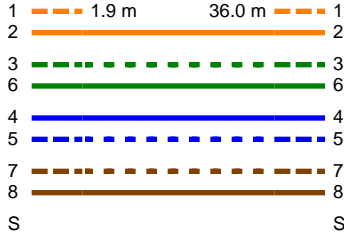
Date / Time: 08/25/2009 10:53:32am
 Headroom: -1.9 dB (NEXT 12-36)
 Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

Operator: NANCY RAMON
 Software Version: 2.1200
 Limits Version: 1.2800
 NVP: 69.0%

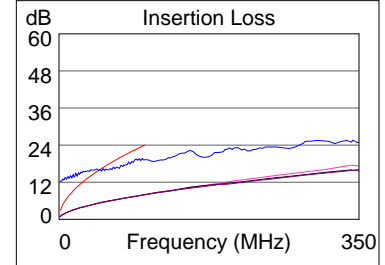
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

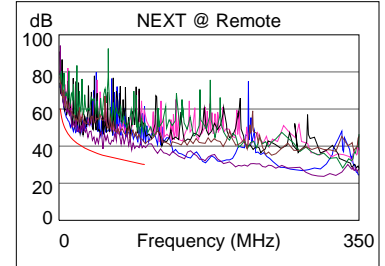
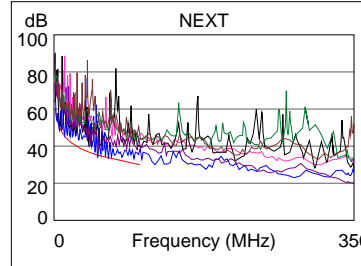
FAIL



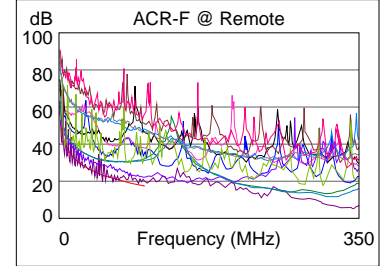
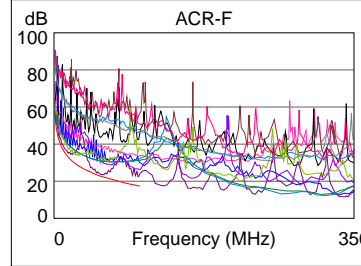
Length (m), Limit 100.0	[Pair 12]	1.9
Prop. Delay (ns), Limit 555		185
Delay Skew (ns), Limit 50		176 F
Resistance (ohms)	[Pair 12]	Open
Insertion Loss Margin (dB)	[Pair 12]	-9.4 F
Frequency (MHz)	[Pair 12]	1.4
Limit (dB)	[Pair 12]	3.0



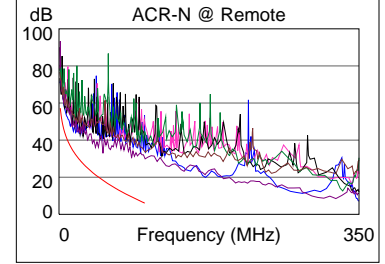
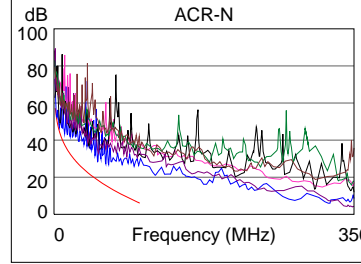
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	12-36	36-45	12-36	36-45
NEXT (dB)	-1.9 F	3.4	-0.3	7.7
Freq. (MHz)	6.0	51.3	63.8	100.0
Limit (dB)	50.7	35.1	33.4	30.1
Worst Pair	12	36	36	45
PS NEXT (dB)	-0.3*F	5.7	2.1	9.2
Freq. (MHz)	6.3	51.3	63.8	100.0
Limit (dB)	47.4	32.1	30.4	27.1



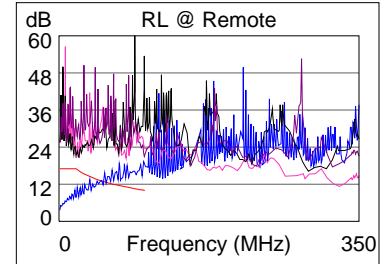
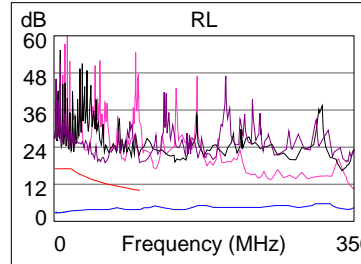
	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	36-12	36-12	36-12	36-12
ACR-F (dB)	0.5	-6.9 F	4.8	0.6
Freq. (MHz)	55.3	6.3	98.3	93.0
Limit (dB)	22.6	41.5	17.6	18.0
Worst Pair	12	36	12	36
PS ACR-F (dB)	2.4	2.8	6.0	7.3
Freq. (MHz)	2.6	1.0	98.0	98.0
Limit (dB)	46.0	54.4	14.6	14.6



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-36	12-36	12-36	36-45
ACR-N (dB)	0.9	10.7	18.1	23.7
Freq. (MHz)	3.0	13.1	93.3	100.0
Limit (dB)	51.7	36.9	7.5	6.1
Worst Pair	12	12	12	12
PS ACR-N (dB)	-7.6	1.3	8.7	16.8
Freq. (MHz)	6.3	2.6	93.3	95.3
Limit (dB)	41.8	49.9	4.5	4.1



	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	12	12	12	12
RL (dB)	-14.4 F	-13.4 F	-14.4	-13.4
Freq. (MHz)	1.0	1.0	1.0	1.0
Limit (dB)	17.0	17.0	17.0	17.0



* Measurement is within the accuracy limits of the instrument.



Cable ID: D1-09

Test Summary: PASS

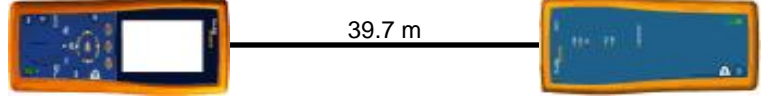
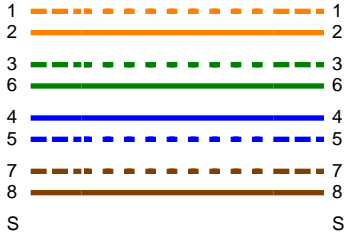
Date / Time: 08/25/2009 10:58:31am
Headroom: 5.7 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

Operator: NANCY RAMON
 Software Version: 2.1200
 Limits Version: 1.2800
 NVP: 69.0%

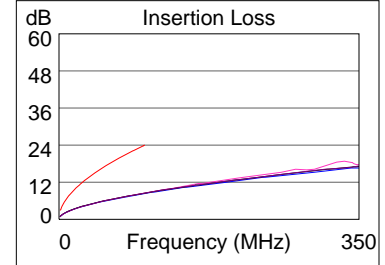
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

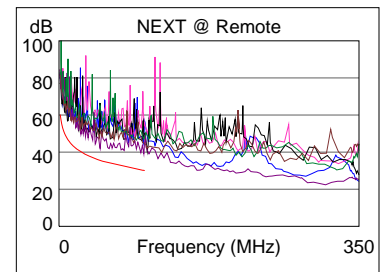
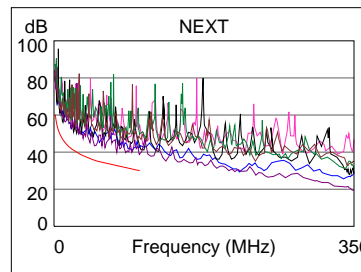
PASS



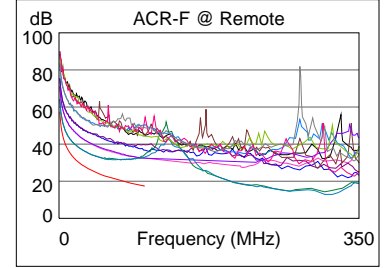
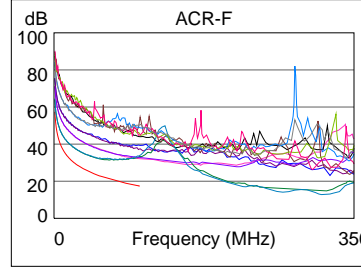
Length (m), Limit 100.0	[Pair 78]	39.7
Prop. Delay (ns), Limit 555		197
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 12]	7.2
Insertion Loss Margin (dB)	[Pair 36]	15.5
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



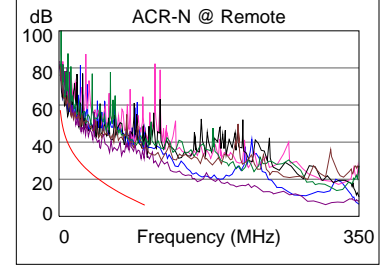
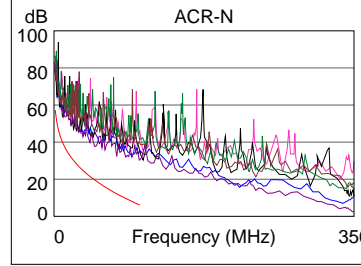
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	5.7	6.4	7.9	8.8
Freq. (MHz)	48.0	48.0	99.0	98.8
Limit (dB)	35.5	35.5	30.2	30.2
Worst Pair	36	45	36	36
PS NEXT (dB)	8.3	8.5	9.4	10.3
Freq. (MHz)	48.0	47.8	99.0	98.8
Limit (dB)	32.5	32.6	27.2	27.2



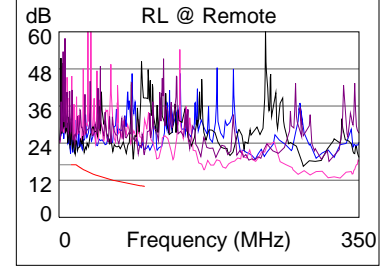
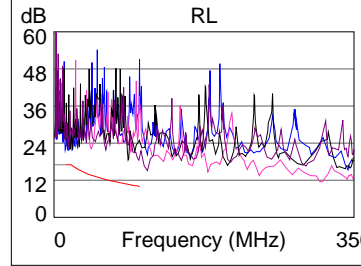
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	36-45	45-36
ACR-F (dB)	6.2	6.2	10.2	10.2
Freq. (MHz)	1.3	1.3	64.3	64.3
Limit (dB)	55.5	55.5	21.2	21.2
Worst Pair	45	45	45	45
PS ACR-F (dB)	8.6	8.6	13.5	13.6
Freq. (MHz)	1.3	1.3	86.0	83.3
Limit (dB)	52.5	52.5	15.7	16.0



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-78	12-78	36-45	36-45
ACR-N (dB)	13.8	14.1	23.4	24.3
Freq. (MHz)	10.0	10.1	99.0	98.8
Limit (dB)	39.9	39.8	6.3	6.3
Worst Pair	12	12	36	36
PS ACR-N (dB)	14.8	15.3	24.8	25.7
Freq. (MHz)	3.3	9.8	99.0	98.8
Limit (dB)	48.0	37.2	3.3	3.3



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	45	78	45
RL (dB)	3.9	3.1	8.3	8.3
Freq. (MHz)	16.3	18.5	98.5	86.5
Limit (dB)	17.0	17.0	10.1	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: D1-08

Test Summary: PASS

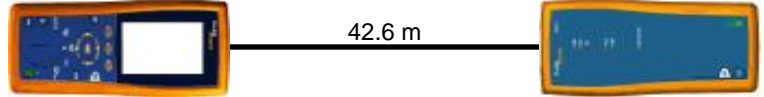
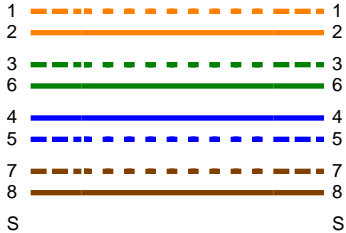
Date / Time: 08/25/2009 10:57:31am
Headroom: 2.8 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

Operator: NANCY RAMON
 Software Version: 2.1200
 Limits Version: 1.2800
 NVP: 69.0%

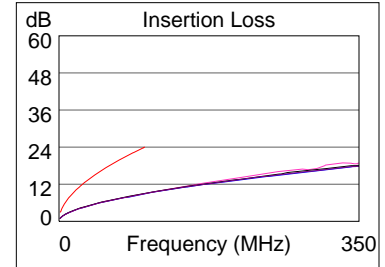
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

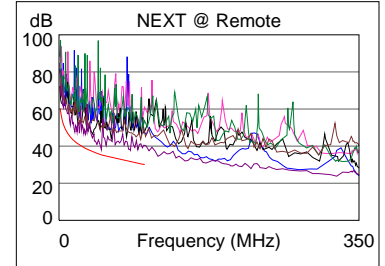
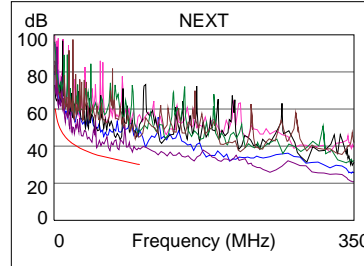
PASS



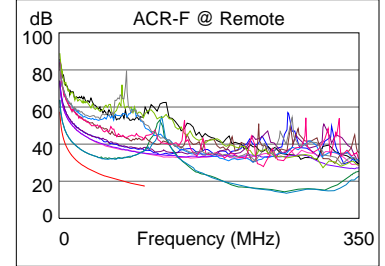
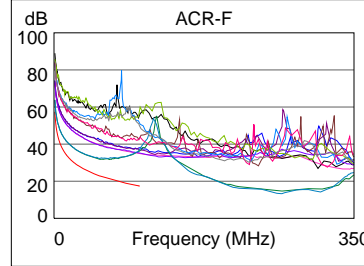
Length (m), Limit 100.0	[Pair 78]	42.6
Prop. Delay (ns), Limit 555		212
Delay Skew (ns), Limit 50		6
Resistance (ohms)	[Pair 12]	7.6
Insertion Loss Margin (dB)	[Pair 36]	15.0
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



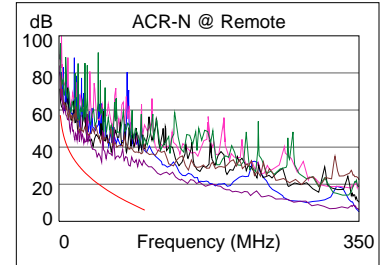
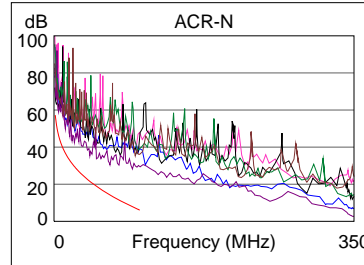
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	3.5	2.8	6.1	6.3
Freq. (MHz)	50.0	49.5	91.5	83.3
Limit (dB)	35.2	35.3	30.7	31.5
Worst Pair	36	45	36	45
PS NEXT (dB)	6.1	5.5	9.3	8.9
Freq. (MHz)	50.3	49.5	99.5	83.5
Limit (dB)	32.2	32.3	27.1	28.4



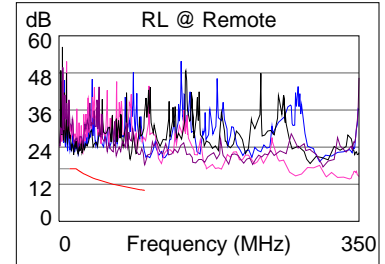
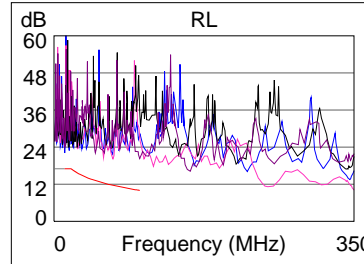
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	6.3	6.3	10.5	9.4
Freq. (MHz)	1.9	1.3	65.0	56.8
Limit (dB)	51.9	55.5	21.1	22.3
Worst Pair	45	45	45	36
PS ACR-F (dB)	8.8	8.8	12.6	12.8
Freq. (MHz)	1.9	1.3	65.0	65.0
Limit (dB)	48.9	52.5	18.1	18.1



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-78	12-78	36-45	36-45
ACR-N (dB)	8.7	8.1	21.9	22.8
Freq. (MHz)	2.0	2.3	99.5	100.0
Limit (dB)	55.3	54.3	6.2	6.1
Worst Pair	78	78	36	45
PS ACR-N (dB)	11.5	10.8	24.2	25.2
Freq. (MHz)	2.0	2.3	99.5	100.0
Limit (dB)	52.3	51.3	3.2	3.1



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	45	78	78
RL (dB)	5.1	4.5	9.6	8.3
Freq. (MHz)	12.6	17.1	99.5	100.0
Limit (dB)	17.0	17.0	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: D1-07

Test Summary: PASS

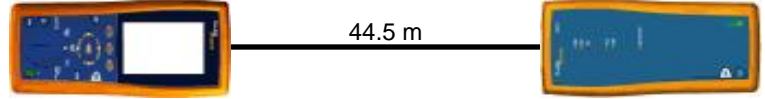
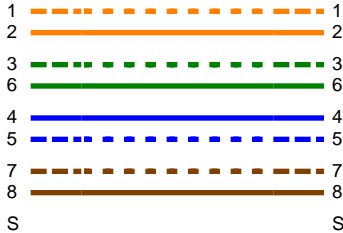
Date / Time: 08/25/2009 10:38:03am
Headroom: 4.3 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

Operator: NANCY RAMON
 Software Version: 2.1200
 Limits Version: 1.2800
 NVP: 69.0%

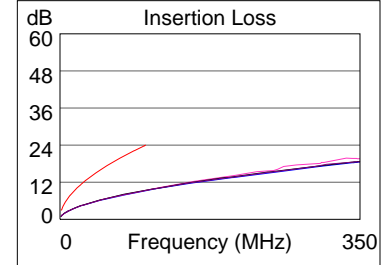
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

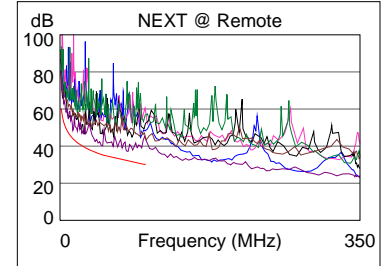
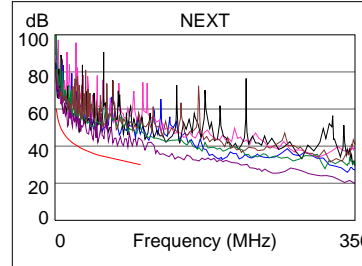
PASS



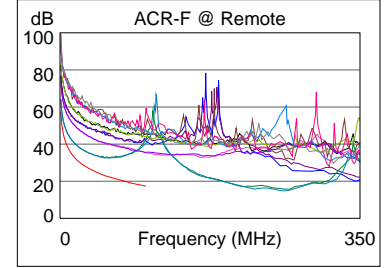
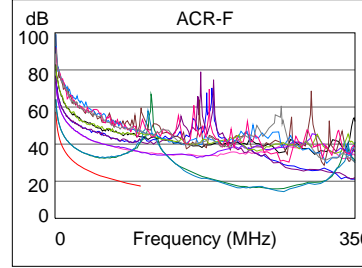
Length (m), Limit 100.0	[Pair 78]	44.5
Prop. Delay (ns), Limit 555		221
Delay Skew (ns), Limit 50		6
Resistance (ohms)	[Pair 12]	8.0
Insertion Loss Margin (dB)	[Pair 36]	14.6
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



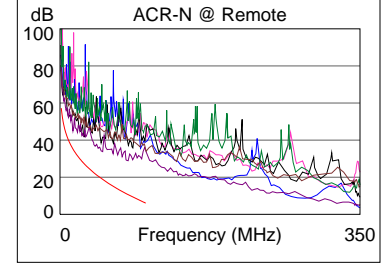
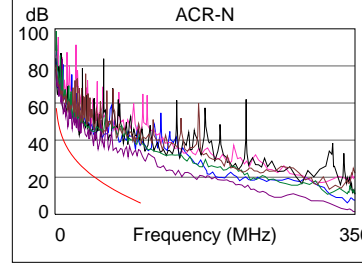
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	6.1	4.3	8.3	5.0
Freq. (MHz)	15.0	15.1	85.0	80.0
Limit (dB)	44.1	44.0	31.3	31.7
Worst Pair	36	45	36	45
PS NEXT (dB)	8.4	6.8	10.5	7.7
Freq. (MHz)	44.8	15.0	85.0	80.0
Limit (dB)	33.1	41.1	28.3	28.7



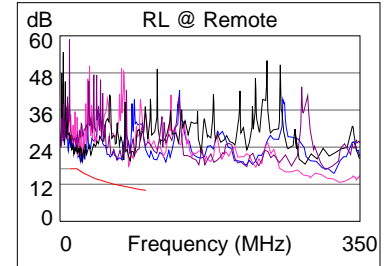
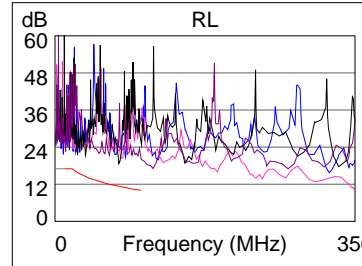
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	6.4	6.4	9.6	9.6
Freq. (MHz)	1.6	1.6	54.3	54.3
Limit (dB)	53.2	53.2	22.7	22.7
Worst Pair	45	36	45	45
PS ACR-F (dB)	9.0	9.2	13.0	12.9
Freq. (MHz)	1.6	1.6	61.5	58.8
Limit (dB)	50.2	50.2	18.6	19.0



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	11.5	9.7	21.7	17.9
Freq. (MHz)	15.0	15.1	85.0	80.0
Limit (dB)	35.3	35.2	9.3	10.5
Worst Pair	45	45	36	45
PS ACR-N (dB)	14.0	12.2	25.8	20.6
Freq. (MHz)	15.0	15.0	95.3	80.0
Limit (dB)	32.3	32.3	4.1	7.5



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45	12	45	36
RL (dB)	5.3	3.1	7.1	6.7
Freq. (MHz)	25.9	23.5	74.8	80.5
Limit (dB)	15.9	16.3	11.3	11.0



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: D1-06

Test Summary: PASS

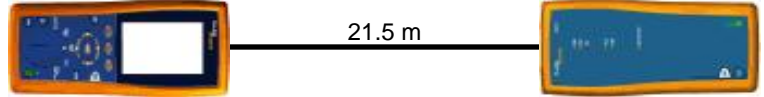
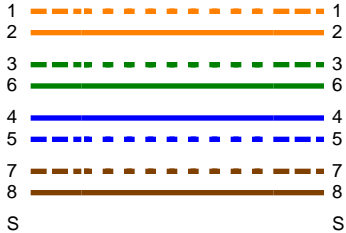
Date / Time: 08/25/2009 10:40:18am
Headroom: 3.7 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

Operator: NANCY RAMON
 Software Version: 2.1200
 Limits Version: 1.2800
 NVP: 69.0%

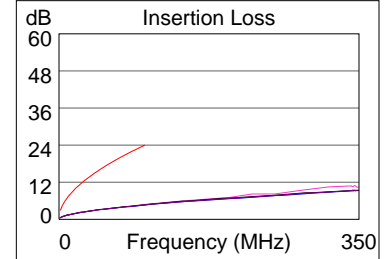
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

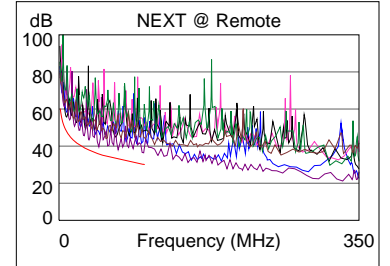
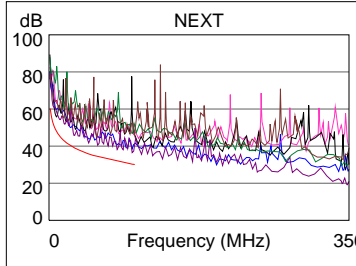
PASS



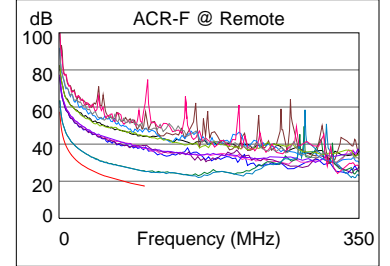
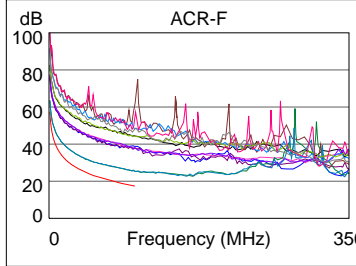
Length (m), Limit 100.0	[Pair 36]	21.5
Prop. Delay (ns), Limit 555		106
Delay Skew (ns), Limit 50		2
Resistance (ohms)	[Pair 12]	4.2
Insertion Loss Margin (dB)	[Pair 36]	19.2
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



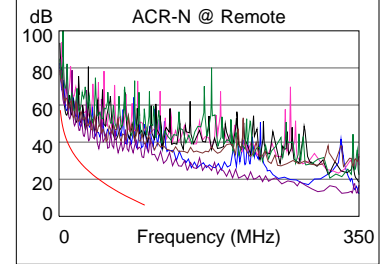
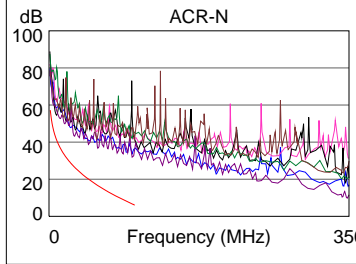
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	5.8	3.7	5.8	5.8
Freq. (MHz)	97.5	46.0	97.5	97.8
Limit (dB)	30.3	35.9	30.3	30.2
Worst Pair	36	36	36	36
PS NEXT (dB)	6.6	6.0	6.7	7.5
Freq. (MHz)	46.5	46.3	97.3	97.5
Limit (dB)	32.8	32.8	27.3	27.3



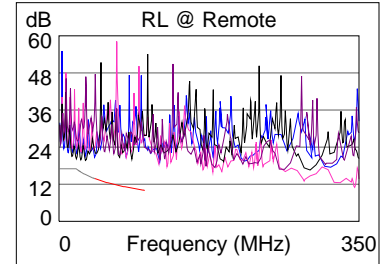
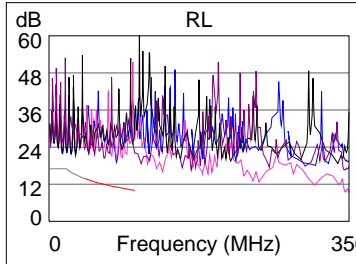
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	6.0	6.0	8.1	8.0
Freq. (MHz)	1.0	1.0	100.0	100.0
Limit (dB)	57.4	57.4	17.4	17.4
Worst Pair	45	36	36	36
PS ACR-F (dB)	8.8	8.8	10.6	10.9
Freq. (MHz)	1.0	1.0	96.5	100.0
Limit (dB)	54.4	54.4	14.7	14.4



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-78	12-78	36-45	36-45
ACR-N (dB)	12.7	12.8	24.9	24.9
Freq. (MHz)	7.6	8.0	97.5	97.8
Limit (dB)	42.8	42.3	6.6	6.5
Worst Pair	12	12	36	36
PS ACR-N (dB)	13.7	13.8	25.7	26.5
Freq. (MHz)	7.8	8.0	97.3	97.5
Limit (dB)	39.6	39.3	3.6	3.6



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	12	45
RL (dB)	8.1	8.1	8.1	9.4
Freq. (MHz)	78.8	43.3	78.8	84.8
Limit (dB)	11.0	13.7	11.0	10.7



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: D1-05

Test Summary: PASS

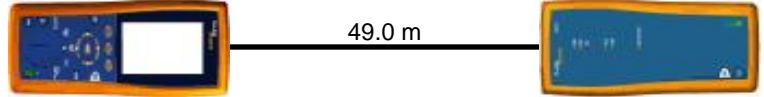
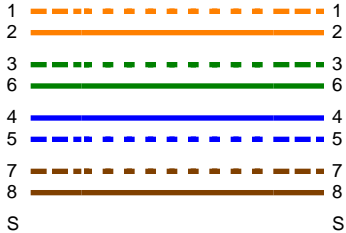
Date / Time: 08/25/2009 10:34:01am
Headroom: 3.7 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

Operator: NANCY RAMON
 Software Version: 2.1200
 Limits Version: 1.2800
 NVP: 69.0%

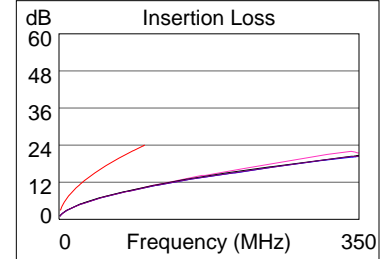
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

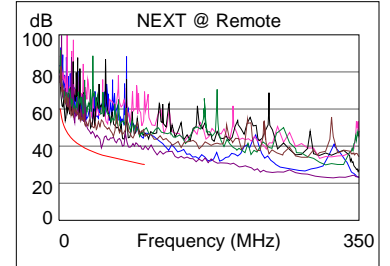
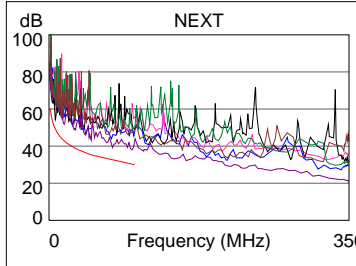
PASS



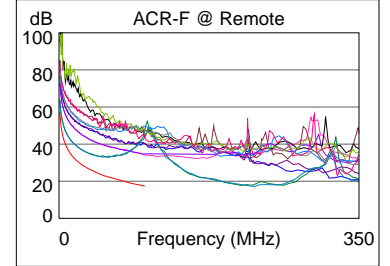
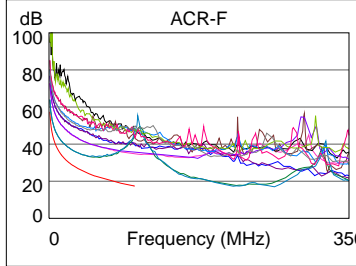
Length (m), Limit 100.0	[Pair 78]	49.0
Prop. Delay (ns), Limit 555		243
Delay Skew (ns), Limit 50		6
Resistance (ohms)	[Pair 12]	8.6
Insertion Loss Margin (dB)	[Pair 36]	13.6
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



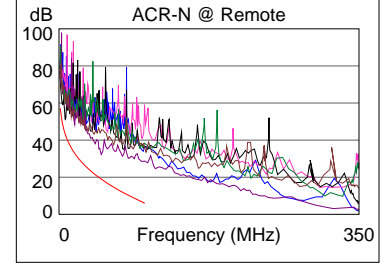
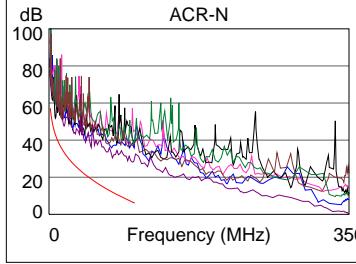
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-78	36-45	36-45	36-45
NEXT (dB)	5.0	3.7	7.6	7.5
Freq. (MHz)	7.5	49.5	96.5	99.0
Limit (dB)	49.1	35.3	30.3	30.2
Worst Pair	78	45	36	36
PS NEXT (dB)	7.1	6.5	10.0	9.4
Freq. (MHz)	7.5	49.8	96.5	99.0
Limit (dB)	46.1	32.3	27.3	27.2



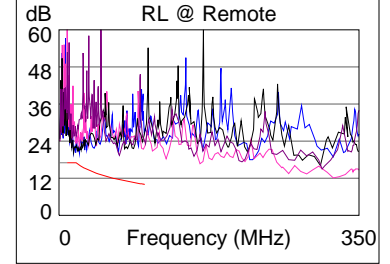
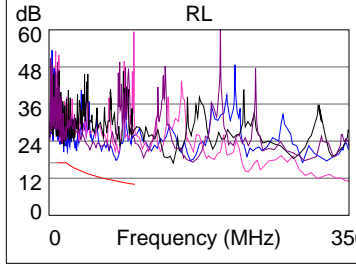
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	6.4	6.4	10.3	10.7
Freq. (MHz)	1.5	1.5	55.8	58.0
Limit (dB)	53.9	53.9	22.5	22.1
Worst Pair	45	45	45	45
PS ACR-F (dB)	8.8	8.9	12.2	13.2
Freq. (MHz)	1.5	1.1	55.8	60.3
Limit (dB)	50.9	53.4	19.5	18.8



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-78	12-78	36-45	36-45
ACR-N (dB)	8.6	7.9	20.9	21.1
Freq. (MHz)	7.5	7.3	96.5	99.0
Limit (dB)	42.9	43.3	6.8	6.3
Worst Pair	78	78	36	36
PS ACR-N (dB)	10.7	10.0	23.3	22.9
Freq. (MHz)	7.5	7.3	96.5	99.0
Limit (dB)	39.9	40.3	3.8	3.3



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	12	78
RL (dB)	3.6	2.6	6.3	7.8
Freq. (MHz)	17.1	17.1	78.3	70.8
Limit (dB)	17.0	17.0	11.1	11.5



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: D1-04

Test Summary: PASS

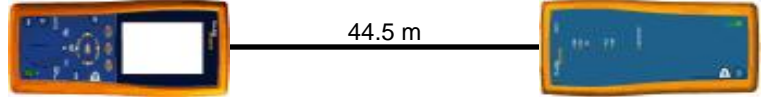
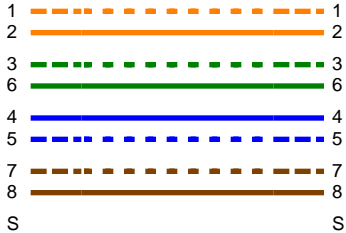
Date / Time: 08/25/2009 10:35:05am
Headroom: 6.5 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

Operator: NANCY RAMON
 Software Version: 2.1200
 Limits Version: 1.2800
 NVP: 69.0%

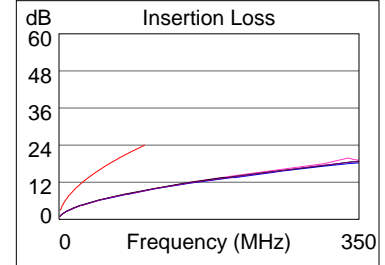
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

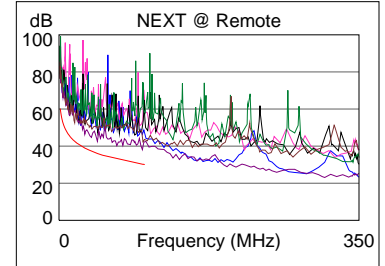
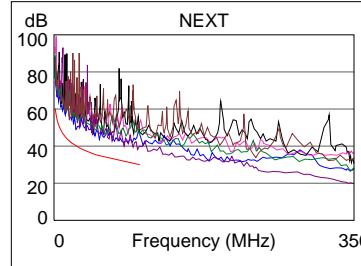
PASS



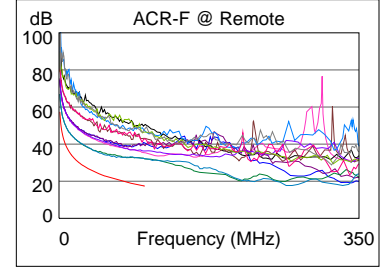
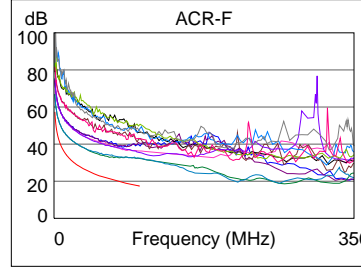
Length (m), Limit 100.0	[Pair 78]	44.5
Prop. Delay (ns), Limit 555		221
Delay Skew (ns), Limit 50		6
Resistance (ohms)	[Pair 12]	8.0
Insertion Loss Margin (dB)	[Pair 45]	14.6
Frequency (MHz)	[Pair 45]	100.0
Limit (dB)	[Pair 45]	24.0



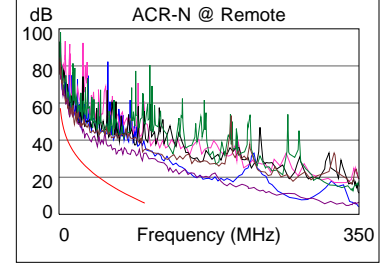
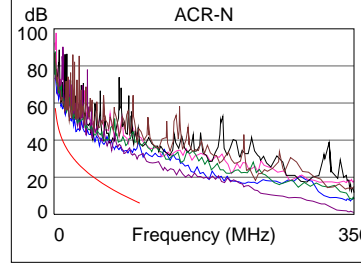
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	7.8	6.5	7.8	7.6
Freq. (MHz)	97.5	44.8	97.5	97.5
Limit (dB)	30.3	36.1	30.3	30.3
Worst Pair	36	36	36	45
PS NEXT (dB)	8.6	8.7	8.6	9.3
Freq. (MHz)	82.0	44.8	82.3	97.5
Limit (dB)	28.6	33.1	28.5	27.3



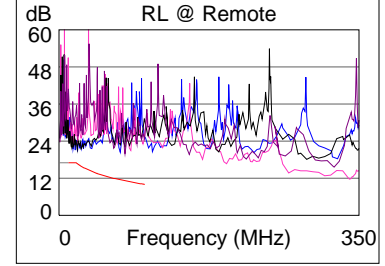
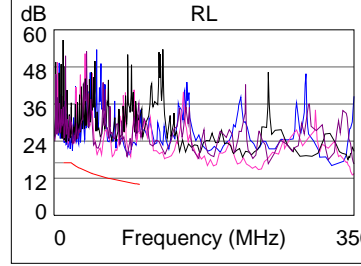
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	45-36	36-45
ACR-F (dB)	9.2	9.1	14.7	14.6
Freq. (MHz)	1.1	1.5	100.0	100.0
Limit (dB)	56.4	53.9	17.4	17.4
Worst Pair	36	36	45	45
PS ACR-F (dB)	11.4	11.4	16.0	16.0
Freq. (MHz)	1.5	1.5	98.0	99.8
Limit (dB)	50.9	50.9	14.6	14.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-36	36-45	36-45	36-45
ACR-N (dB)	14.3	15.0	22.3	22.1
Freq. (MHz)	3.0	30.1	97.5	97.5
Limit (dB)	51.7	26.4	6.6	6.6
Worst Pair	36	45	36	45
PS ACR-N (dB)	15.8	16.1	24.5	23.8
Freq. (MHz)	1.3	12.5	97.3	97.5
Limit (dB)	54.0	34.4	3.6	3.6



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	36	78
RL (dB)	4.0	4.0	7.1	8.8
Freq. (MHz)	16.6	21.6	68.5	77.0
Limit (dB)	17.0	16.7	11.7	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: D1-03

Test Summary: PASS

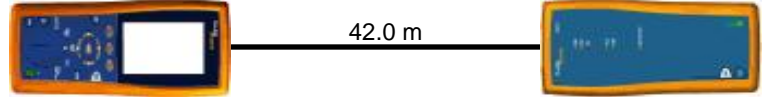
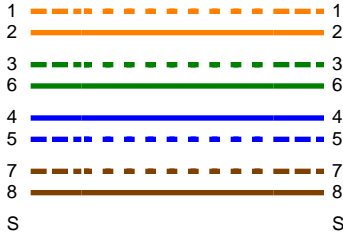
Date / Time: 08/25/2009 10:30:13am
Headroom: 6.5 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

Operator: NANCY RAMON
 Software Version: 2.1200
 Limits Version: 1.2800
 NVP: 69.0%

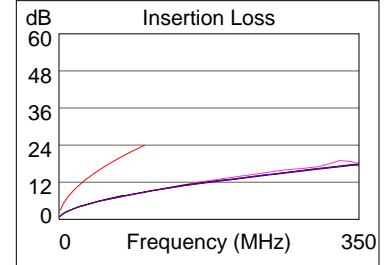
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

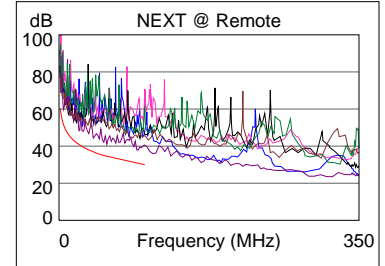
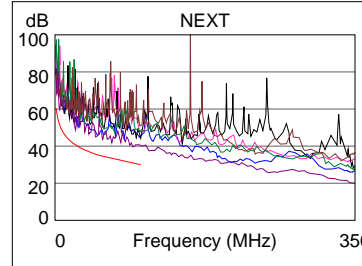
PASS



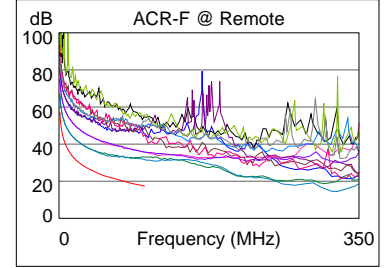
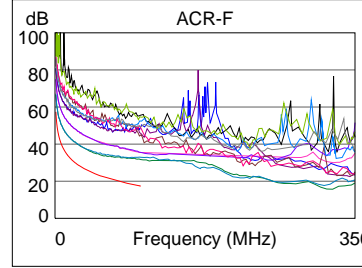
Length (m), Limit 100.0	[Pair 78]	42.0
Prop. Delay (ns), Limit 555		208
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 12]	7.5
Insertion Loss Margin (dB)	[Pair 36]	15.1
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



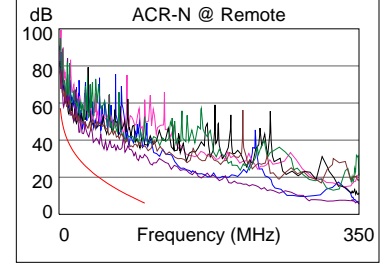
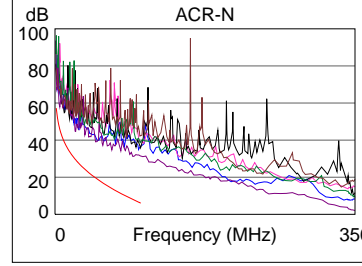
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	7.8	6.5	7.8	6.5
Freq. (MHz)	93.3	93.3	93.3	93.3
Limit (dB)	30.6	30.6	30.6	30.6
Worst Pair	36	36	36	36
PS NEXT (dB)	9.4	9.0	10.0	9.0
Freq. (MHz)	48.0	93.0	93.3	93.0
Limit (dB)	32.5	27.6	27.6	27.6



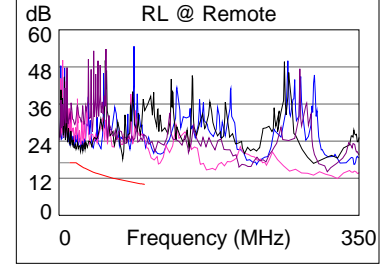
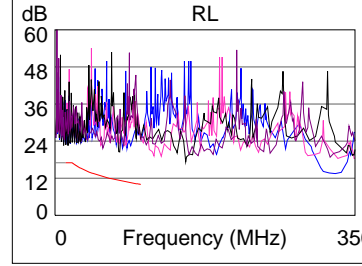
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	9.2	9.3	14.2	14.2
Freq. (MHz)	1.0	1.0	99.3	99.3
Limit (dB)	57.4	57.4	17.5	17.5
Worst Pair	45	45	45	45
PS ACR-F (dB)	11.6	11.8	15.7	16.5
Freq. (MHz)	1.0	1.3	99.3	99.3
Limit (dB)	54.4	52.5	14.5	14.5



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	11.4	11.5	22.3	21.0
Freq. (MHz)	5.3	5.3	93.3	93.3
Limit (dB)	46.5	46.5	7.5	7.5
Worst Pair	36	45	36	36
PS ACR-N (dB)	13.7	13.5	25.4	23.6
Freq. (MHz)	5.3	5.4	98.5	93.0
Limit (dB)	43.5	43.3	3.4	4.5



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45	45	45	45
RL (dB)	5.6	4.2	8.4	6.7
Freq. (MHz)	15.1	20.1	74.8	74.5
Limit (dB)	17.0	17.0	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: D1-02

Test Summary: PASS

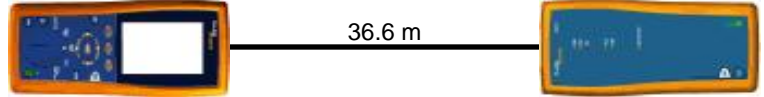
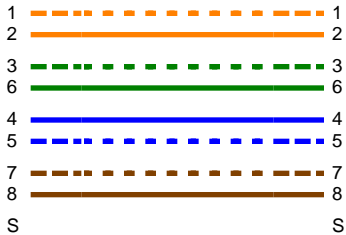
Date / Time: 08/25/2009 10:27:02am
Headroom: 5.2 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

Operator: NANCY RAMON
 Software Version: 2.1200
 Limits Version: 1.2800
 NVP: 69.0%

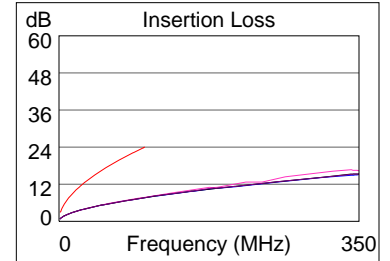
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

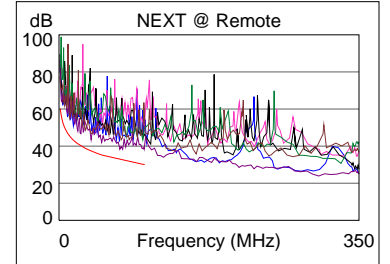
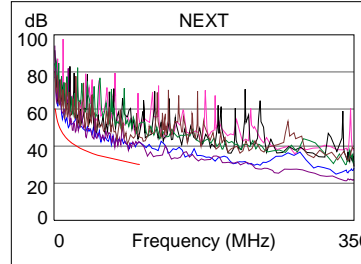
PASS



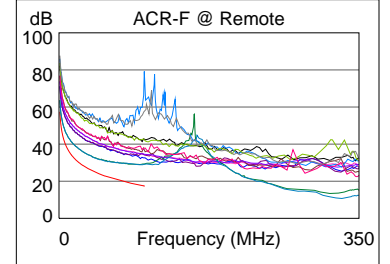
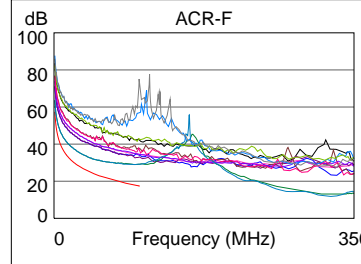
Length (m), Limit 100.0	[Pair 78]	36.6
Prop. Delay (ns), Limit 555		180
Delay Skew (ns), Limit 50		3
Resistance (ohms)	[Pair 12]	6.6
Insertion Loss Margin (dB)	[Pair 36]	16.2
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



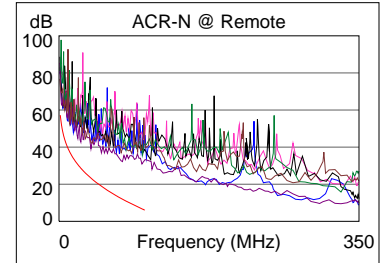
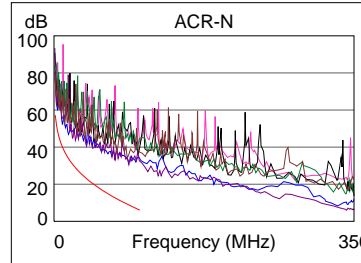
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	6.4	5.2	6.4	5.2
Freq. (MHz)	87.0	71.5	87.0	71.5
Limit (dB)	31.1	32.6	31.1	32.6
Worst Pair	36	36	36	36
PS NEXT (dB)	7.0	7.3	7.0	7.3
Freq. (MHz)	87.3	71.3	87.3	71.3
Limit (dB)	28.1	29.6	28.1	29.6



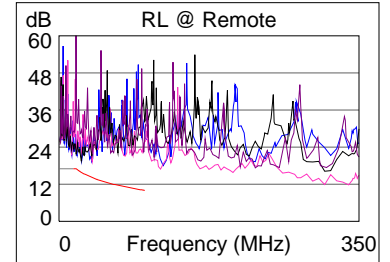
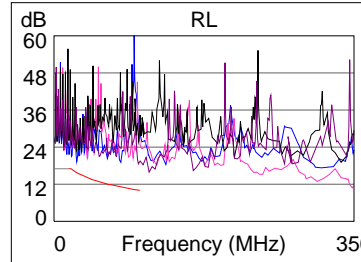
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	45-36	45-36
ACR-F (dB)	6.2	6.1	10.8	10.7
Freq. (MHz)	1.0	2.3	93.5	92.3
Limit (dB)	57.4	50.4	18.0	18.1
Worst Pair	36	36	36	36
PS ACR-F (dB)	8.3	8.3	12.0	12.2
Freq. (MHz)	1.0	1.0	92.3	94.5
Limit (dB)	54.4	54.4	15.1	14.9



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	10.5	10.6	21.6	24.4
Freq. (MHz)	2.6	2.8	87.0	99.5
Limit (dB)	52.9	52.5	8.9	6.2
Worst Pair	45	45	36	36
PS ACR-N (dB)	12.0	12.6	22.1	25.7
Freq. (MHz)	2.6	2.5	87.3	96.3
Limit (dB)	49.9	50.4	5.8	3.8



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	12	12
RL (dB)	3.5	3.6	6.9	4.4
Freq. (MHz)	26.5	26.5	77.3	38.5
Limit (dB)	15.8	15.8	11.1	14.2



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: D1-01

Test Summary: PASS

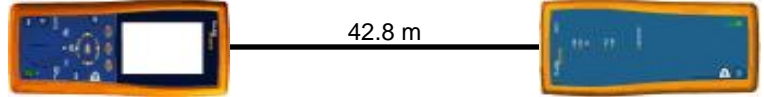
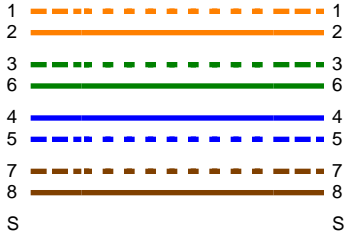
Date / Time: 08/25/2009 10:24:08am
Headroom: 5.2 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

Operator: NANCY RAMON
 Software Version: 2.1200
 Limits Version: 1.2800
 NVP: 69.0%

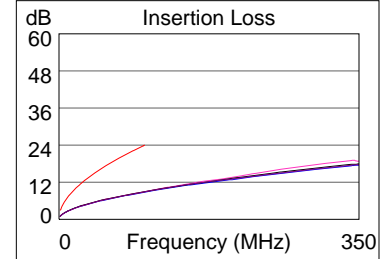
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

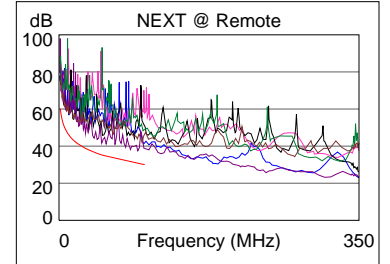
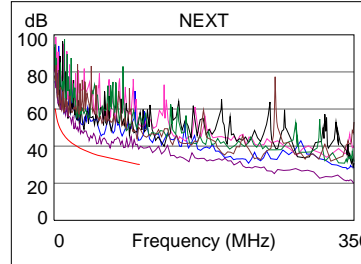
PASS



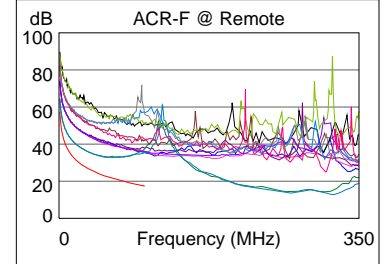
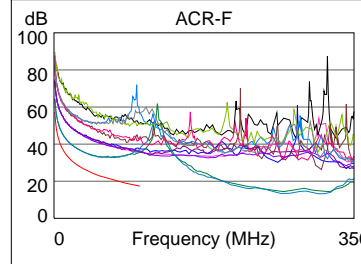
Length (m), Limit 100.0	[Pair 78]	42.8
Prop. Delay (ns), Limit 555		212
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 12]	7.6
Insertion Loss Margin (dB)	[Pair 36]	15.0
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



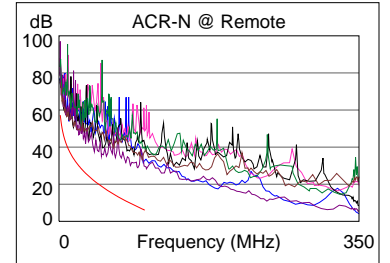
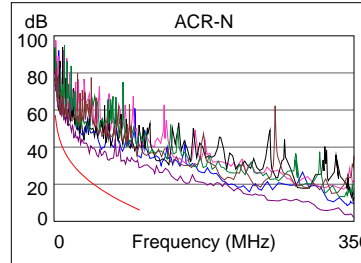
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	5.2	5.9	7.7	6.5
Freq. (MHz)	65.0	41.5	99.3	91.5
Limit (dB)	33.3	36.6	30.1	30.7
Worst Pair	36	36	36	45
PS NEXT (dB)	7.9	8.6	9.8	8.7
Freq. (MHz)	41.5	41.8	98.8	91.5
Limit (dB)	33.6	33.6	27.2	27.7



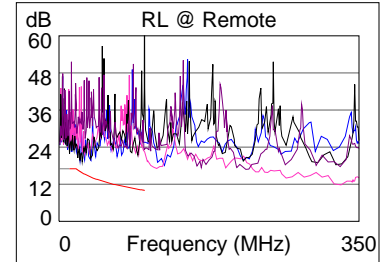
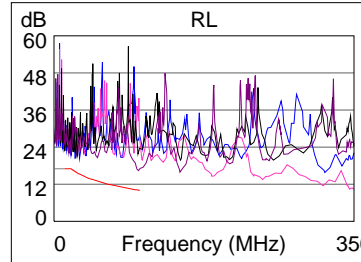
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	36-45	36-45
ACR-F (dB)	6.6	6.6	12.3	10.7
Freq. (MHz)	1.0	1.0	71.8	59.0
Limit (dB)	57.4	57.4	20.3	22.0
Worst Pair	36	45	45	36
PS ACR-F (dB)	9.1	9.2	14.2	14.0
Freq. (MHz)	1.0	1.0	71.8	71.8
Limit (dB)	54.4	54.4	17.3	17.3



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	45-78	36-45	36-45
ACR-N (dB)	13.6	14.2	22.7	20.7
Freq. (MHz)	4.8	1.3	99.3	91.5
Limit (dB)	47.5	57.0	6.2	7.9
Worst Pair	45	78	36	36
PS ACR-N (dB)	15.2	15.1	24.7	24.3
Freq. (MHz)	6.8	6.0	98.8	99.0
Limit (dB)	41.0	42.2	3.3	3.3



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	78	45
RL (dB)	3.6	3.3	6.3	3.5
Freq. (MHz)	24.9	24.8	98.3	27.3
Limit (dB)	16.1	16.1	10.1	15.7



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