



Cable ID: V2-31

Test Summary: PASS

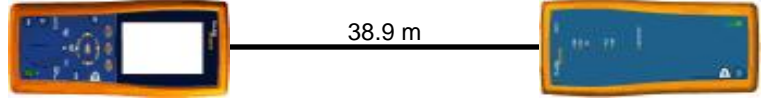
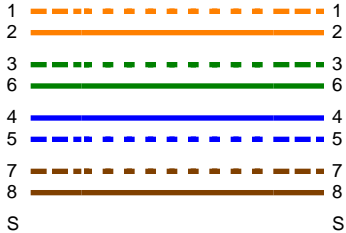
Date / Time: 08/26/2009 11:42:44am
Headroom: 8.0 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

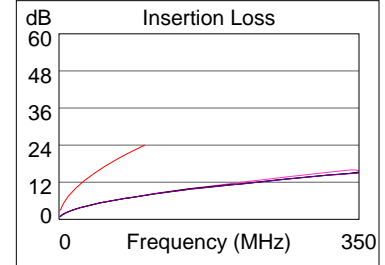
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

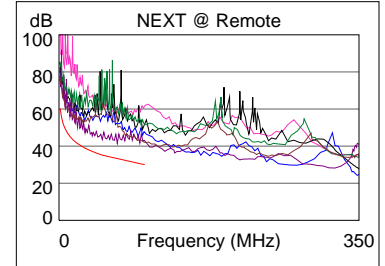
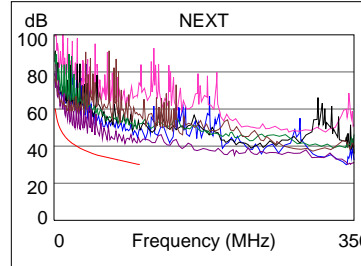
PASS



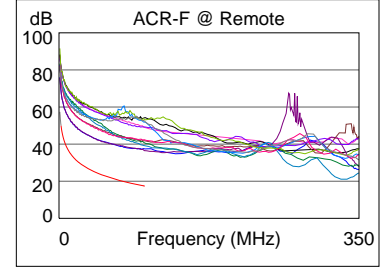
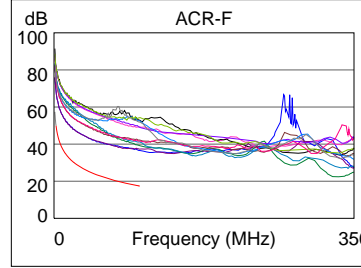
Length (m), Limit 100.0	[Pair 78]	38.9
Prop. Delay (ns), Limit 555		194
Delay Skew (ns), Limit 50		6
Resistance (ohms)	[Pair 12]	7.2
Insertion Loss Margin (dB)	[Pair 36]	16.2
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



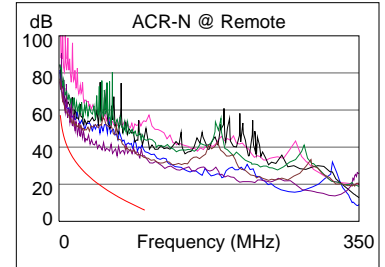
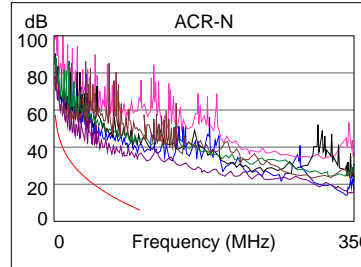
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	8.8	8.0	10.7	8.5
Freq. (MHz)	68.0	39.0	94.3	68.0
Limit (dB)	33.0	37.1	30.5	33.0
Worst Pair	36	36	36	45
PS NEXT (dB)	11.3	10.3	12.3	11.9
Freq. (MHz)	68.0	30.5	97.3	100.0
Limit (dB)	30.0	35.9	27.3	27.1



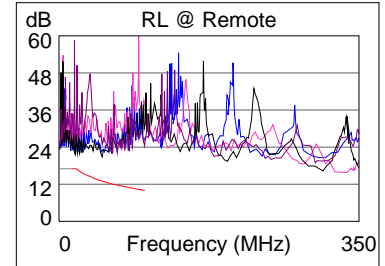
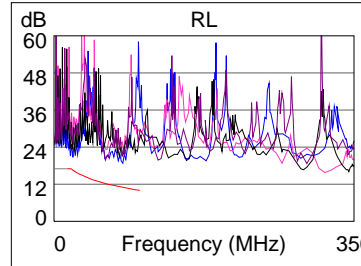
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-12	12-36	12-36	36-12
ACR-F (dB)	17.4	17.4	18.9	19.0
Freq. (MHz)	19.4	19.4	99.3	99.3
Limit (dB)	31.7	31.7	17.5	17.5
Worst Pair	36	36	36	36
PS ACR-F (dB)	19.3	19.2	19.8	20.0
Freq. (MHz)	6.3	19.4	98.8	99.8
Limit (dB)	38.5	28.7	14.5	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)	13.6	14.7	27.5	26.8
Freq. (MHz)	1.6	1.8	100.0	94.3
Limit (dB)	56.9	56.4	6.1	7.3
Worst Pair	45	45	36	45
PS ACR-N (dB)	15.1	15.6	28.3	28.1
Freq. (MHz)	1.6	1.8	97.3	100.0
Limit (dB)	53.9	53.4	3.6	3.1



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	12	45
RL (dB)	4.1	4.6	7.5	7.7
Freq. (MHz)	22.0	19.3	80.8	50.5
Limit (dB)	16.6	17.0	10.9	13.0



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: V2-30

Test Summary: PASS

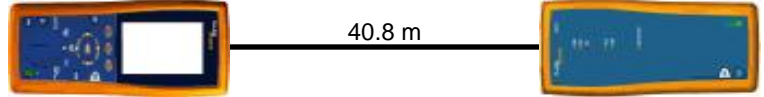
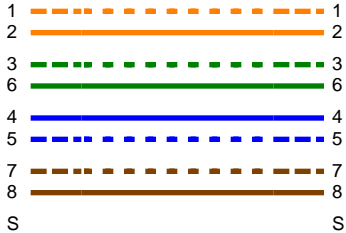
Date / Time: 08/25/2009 03:07:13pm
Headroom: 4.4 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

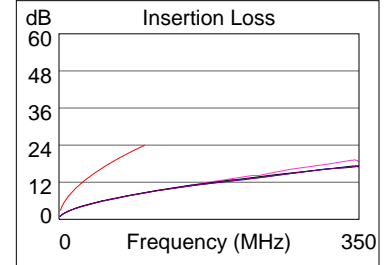
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

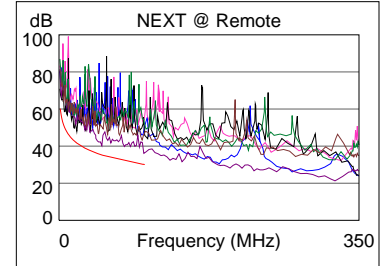
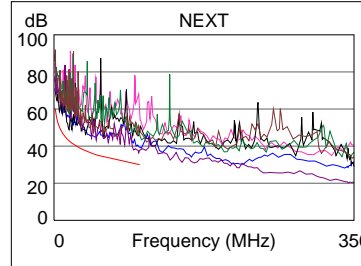
PASS



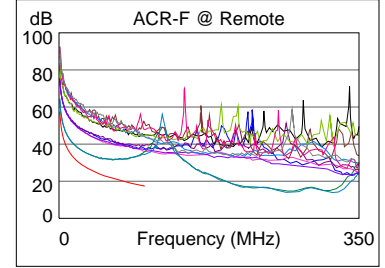
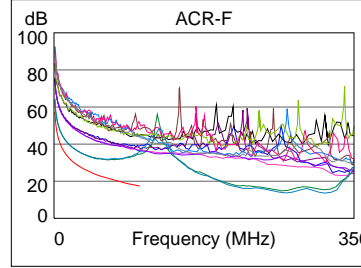
Length (m), Limit 100.0	[Pair 78]	40.8
Prop. Delay (ns), Limit 555		202
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 12]	7.3
Insertion Loss Margin (dB)	[Pair 36]	15.3
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



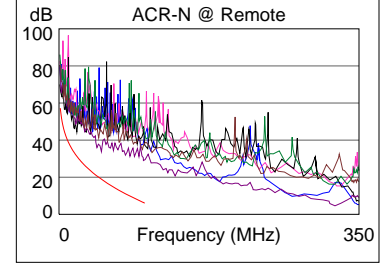
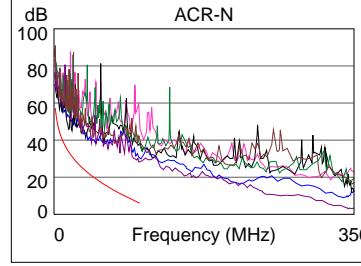
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-78	36-45	36-45	36-45
NEXT (dB)	5.7	4.4	5.9	5.8
Freq. (MHz)	17.3	49.3	99.0	99.3
Limit (dB)	43.0	35.4	30.2	30.1
Worst Pair	36	45	36	36
PS NEXT (dB)	7.0	6.7	7.0	8.3
Freq. (MHz)	99.0	49.3	99.0	99.3
Limit (dB)	27.2	32.4	27.2	27.1



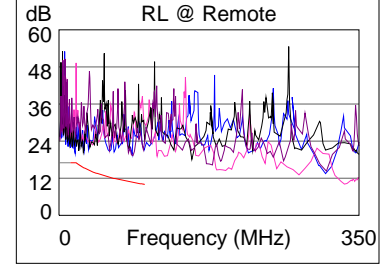
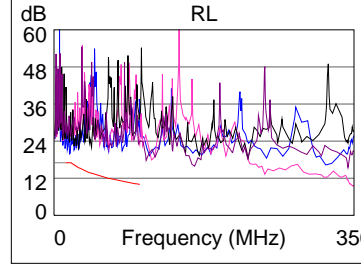
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	36-45	45-36
ACR-F (dB)	6.2	6.2	9.8	9.9
Freq. (MHz)	1.0	1.0	62.0	62.5
Limit (dB)	57.4	57.4	21.6	21.5
Worst Pair	36	45	45	36
PS ACR-F (dB)	8.9	8.9	12.1	12.3
Freq. (MHz)	1.0	1.0	62.0	62.0
Limit (dB)	54.4	54.4	18.6	18.6



	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)	11.3	10.1	21.2	21.1
Freq. (MHz)	1.9	1.8	99.0	99.3
Limit (dB)	55.8	56.4	6.3	6.2
Worst Pair	12	12	36	36
PS ACR-N (dB)	12.9	12.1	22.3	23.6
Freq. (MHz)	1.5	1.6	99.0	99.3
Limit (dB)	54.0	53.9	3.3	3.2



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	12	78
RL (dB)	2.5	2.7	2.5	8.2
Freq. (MHz)	18.5	18.5	18.5	86.8
Limit (dB)	17.0	17.0	17.0	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: V1-39

Test Summary: PASS

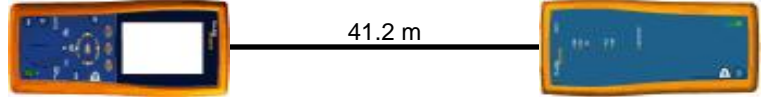
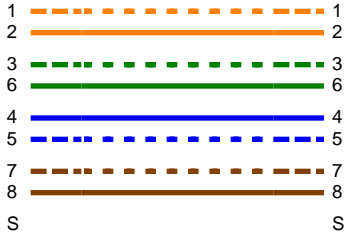
Date / Time: 08/25/2009 03:12:59pm
Headroom: 4.4 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

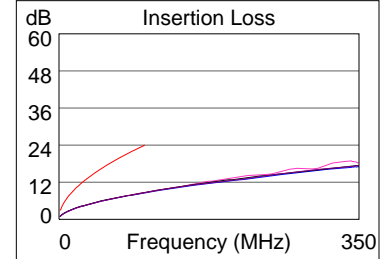
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

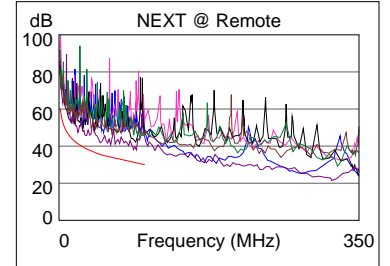
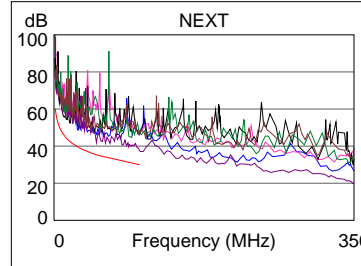
PASS



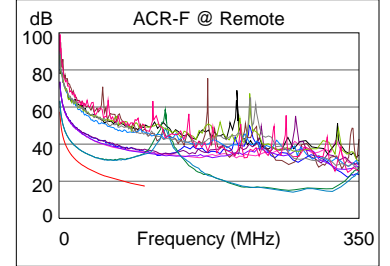
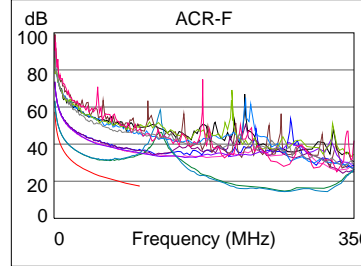
Length (m), Limit 100.0	[Pair 78]	41.2
Prop. Delay (ns), Limit 555		204
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 12]	7.3
Insertion Loss Margin (dB)	[Pair 36]	15.3
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



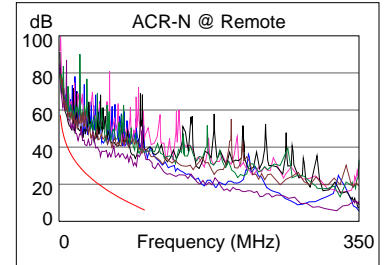
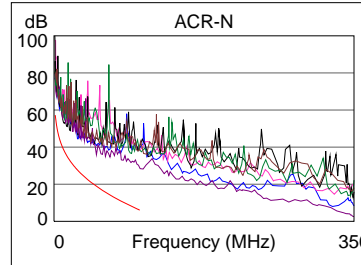
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	5.7	4.4	7.9	6.3
Freq. (MHz)	49.0	48.8	100.0	87.3
Limit (dB)	35.4	35.4	30.1	31.1
Worst Pair	36	45	36	36
PS NEXT (dB)	7.5	7.0	9.9	8.8
Freq. (MHz)	49.0	48.8	100.0	87.3
Limit (dB)	32.4	32.4	27.1	28.1



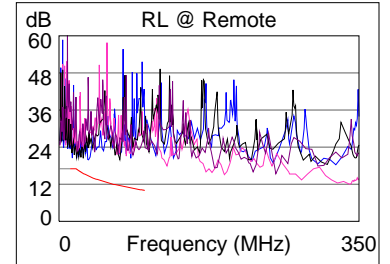
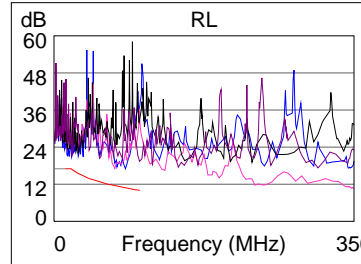
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	36-45	45-36
ACR-F (dB)	5.7	5.7	9.8	9.8
Freq. (MHz)	1.0	1.0	64.3	64.3
Limit (dB)	57.4	57.4	21.2	21.2
Worst Pair	36	45	45	36
PS ACR-F (dB)	8.3	8.3	12.6	12.2
Freq. (MHz)	1.0	1.0	69.8	64.3
Limit (dB)	54.4	54.4	17.5	18.2



	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)	14.1	13.0	23.2	20.6
Freq. (MHz)	2.6	22.1	100.0	87.3
Limit (dB)	52.9	30.5	6.1	8.8
Worst Pair	36	78	36	36
PS ACR-N (dB)	15.0	14.9	25.2	23.1
Freq. (MHz)	1.6	12.0	100.0	87.3
Limit (dB)	53.9	34.9	3.1	5.8



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	12	12
RL (dB)	3.3	3.5	5.4	4.4
Freq. (MHz)	20.6	20.6	83.8	34.0
Limit (dB)	16.9	16.9	10.8	14.7



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: V1-29

Test Summary: PASS

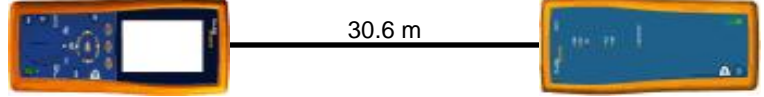
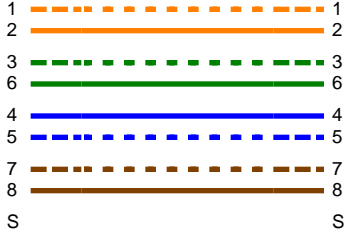
Date / Time: 08/20/2009 02:44:14pm
Headroom: 5.7 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

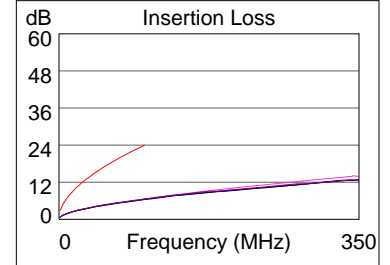
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

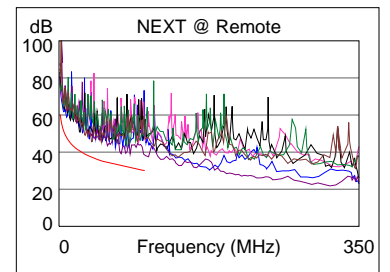
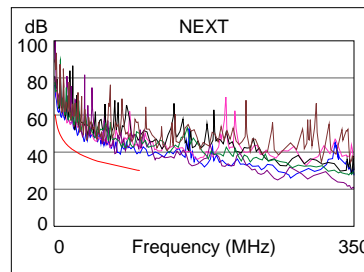
PASS



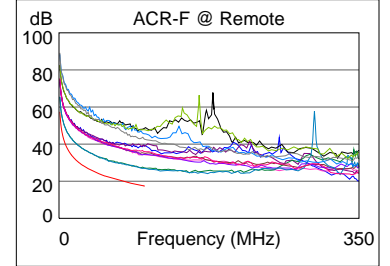
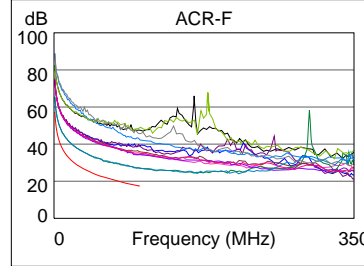
Length (m), Limit 100.0	[Pair 12]	30.6
Prop. Delay (ns), Limit 555		151
Delay Skew (ns), Limit 50		3
Resistance (ohms)	[Pair 12]	5.8
Insertion Loss Margin (dB)	[Pair 36]	17.4
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



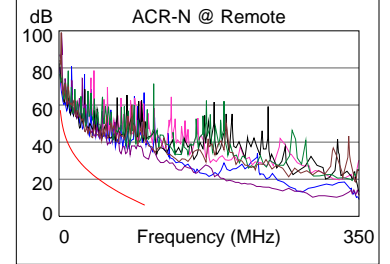
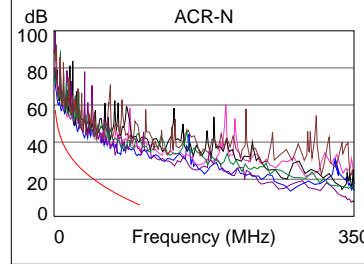
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	5.7	6.3	5.7	6.8
Freq. (MHz)	71.8	71.8	71.8	78.5
Limit (dB)	32.6	32.6	32.6	31.9
Worst Pair	36	36	36	36
PS NEXT (dB)	7.3	7.8	7.3	7.8
Freq. (MHz)	71.5	78.3	71.5	78.3
Limit (dB)	29.6	28.9	29.6	28.9



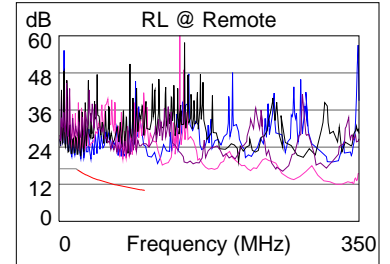
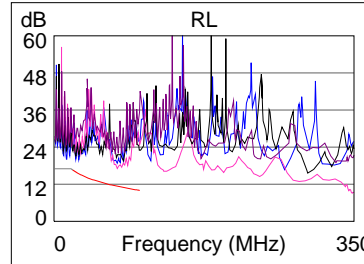
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	45-36	45-36
ACR-F (dB)	7.9	8.0	9.5	9.3
Freq. (MHz)	2.1	1.1	99.5	99.0
Limit (dB)	50.9	56.4	17.4	17.5
Worst Pair	36	36	36	45
PS ACR-F (dB)	10.0	10.0	11.7	11.7
Freq. (MHz)	1.3	1.1	99.5	99.5
Limit (dB)	52.5	53.4	14.4	14.4



	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)	12.7	14.1	25.7	26.1
Freq. (MHz)	4.4	5.0	96.3	98.5
Limit (dB)	48.2	47.0	6.8	6.4
Worst Pair	12	12	36	36
PS ACR-N (dB)	13.5	14.4	27.4	23.1
Freq. (MHz)	4.6	5.4	98.3	78.3
Limit (dB)	44.7	43.3	3.4	7.9



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	36	12
RL (dB)	4.1	4.2	5.4	5.0
Freq. (MHz)	25.3	25.3	74.3	36.8
Limit (dB)	16.0	16.0	11.3	14.4



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: V1-26

Test Summary: PASS

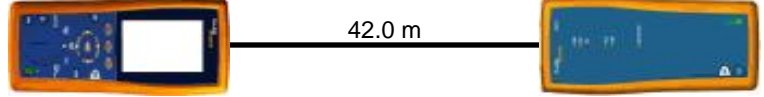
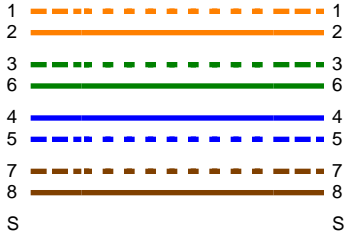
Date / Time: 08/25/2009 03:09:58pm
Headroom: 4.9 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

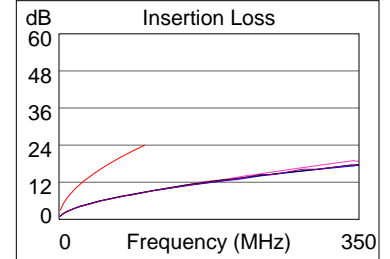
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

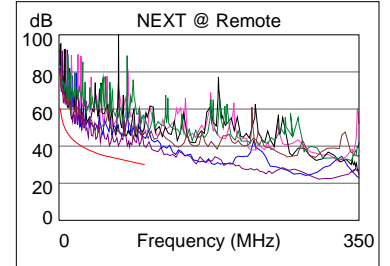
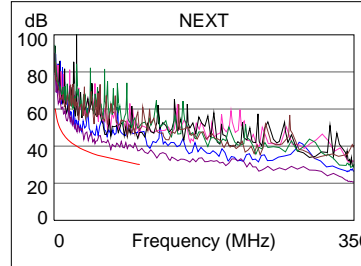
PASS



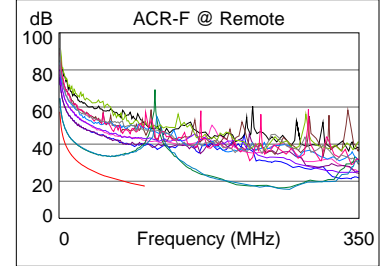
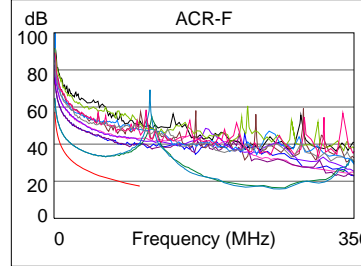
Length (m), Limit 100.0	[Pair 78]	42.0
Prop. Delay (ns), Limit 555		208
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 12]	7.5
Insertion Loss Margin (dB)	[Pair 36]	15.2
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



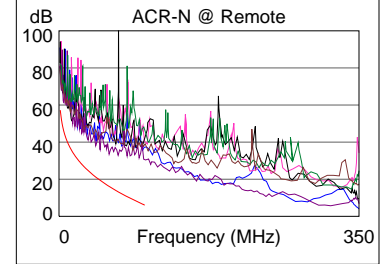
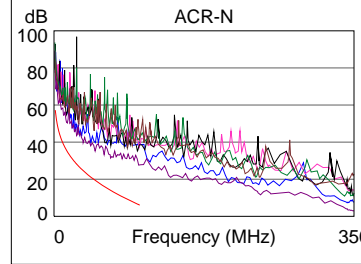
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	4.9	6.1	6.1	9.2
Freq. (MHz)	66.3	58.5	98.5	98.5
Limit (dB)	33.2	34.1	30.2	30.2
Worst Pair	36	36	36	36
PS NEXT (dB)	7.4	8.3	8.6	10.9
Freq. (MHz)	48.0	58.5	98.3	98.5
Limit (dB)	32.5	31.1	27.2	27.2



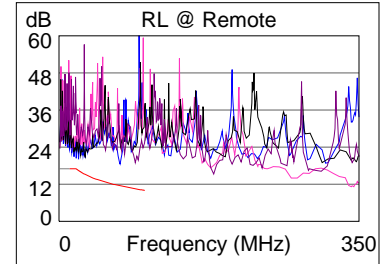
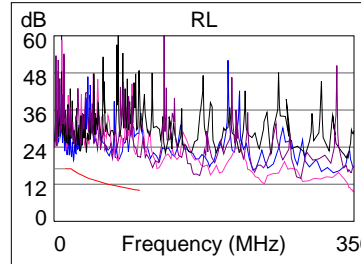
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	36-45	36-45
ACR-F (dB)	6.6	6.6	11.3	10.9
Freq. (MHz)	1.4	1.4	60.3	57.0
Limit (dB)	54.6	54.6	21.8	22.3
Worst Pair	36	45	36	36
PS ACR-F (dB)	9.2	9.3	14.1	13.8
Freq. (MHz)	1.4	1.4	62.5	60.3
Limit (dB)	51.6	51.6	18.5	18.8



	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)	13.9	14.6	21.1	24.2
Freq. (MHz)	4.9	5.3	98.5	98.5
Limit (dB)	47.2	46.5	6.4	6.4
Worst Pair	36	45	36	36
PS ACR-N (dB)	16.2	15.9	23.6	25.9
Freq. (MHz)	2.5	5.6	98.3	98.5
Limit (dB)	50.4	42.8	3.4	3.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	36	12
RL (dB)	3.3	3.4	8.1	6.9
Freq. (MHz)	22.8	20.1	74.5	71.5
Limit (dB)	16.4	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: DIRECTO

Test Summary: PASS

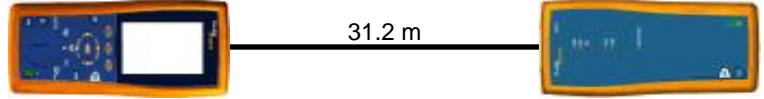
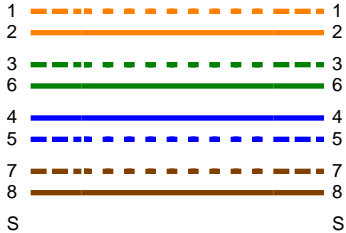
Date / Time: 08/20/2009 12:12:55pm
Headroom: 9.1 dB (NEXT 45-78)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

Operator: ING. FRANCISCO FREY
 Software Version: 2.1200
 Limits Version: 1.2800
 NVP: 69.0%

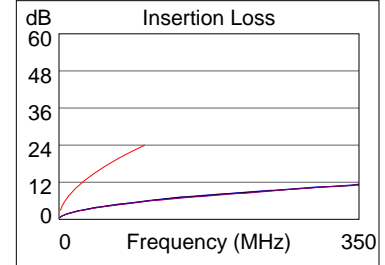
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

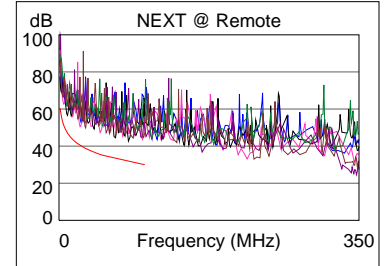
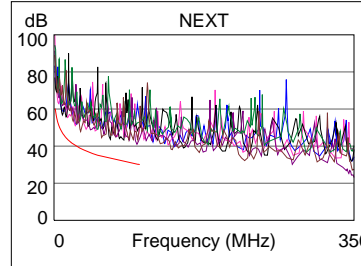
PASS



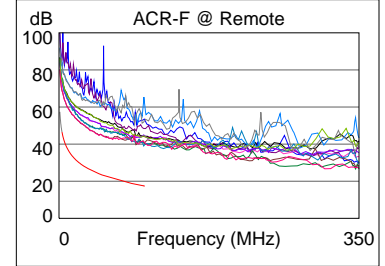
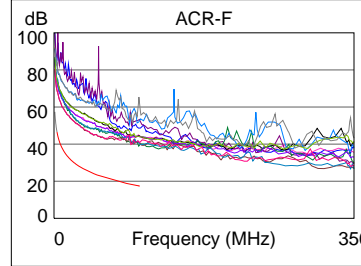
Length (m), Limit 100.0	[Pair 78]	31.2
Prop. Delay (ns), Limit 555		155
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	5.6
Insertion Loss Margin (dB)	[Pair 12]	18.1
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0



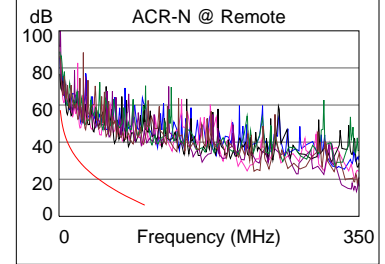
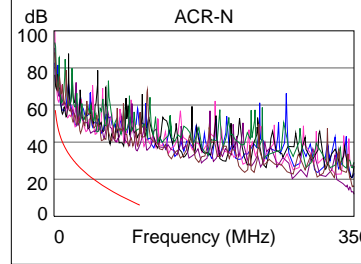
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-78	12-78	36-45	12-78
NEXT (dB)	9.1	9.2	10.7	10.9
Freq. (MHz)	31.0	9.4	96.5	81.3
Limit (dB)	38.8	47.5	30.3	31.6
Worst Pair	12	12	45	45
PS NEXT (dB)	10.3	10.8	10.8	12.3
Freq. (MHz)	9.5	9.4	97.0	97.3
Limit (dB)	44.4	44.5	27.3	27.3



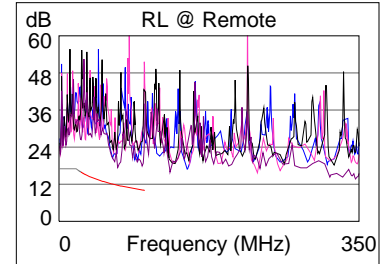
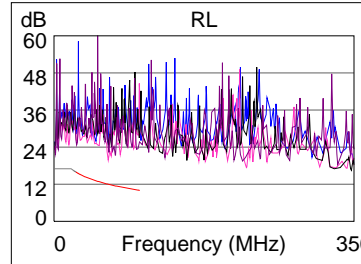
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-78	36-78	36-45	45-36
ACR-F (dB)	20.6	20.6	21.4	21.5
Freq. (MHz)	46.5	46.5	98.5	98.5
Limit (dB)	24.1	24.1	17.5	17.5
Worst Pair	36	36	36	36
PS ACR-F (dB)	21.9	21.7	22.7	22.3
Freq. (MHz)	90.0	36.0	99.8	98.8
Limit (dB)	15.3	23.3	14.4	14.5



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-78	12-78	36-45	12-78
ACR-N (dB)	14.1	14.3	28.5	27.2
Freq. (MHz)	2.0	2.1	96.5	81.3
Limit (dB)	55.3	54.8	6.8	10.2
Worst Pair	12	45	45	45
PS ACR-N (dB)	15.5	15.1	28.6	30.2
Freq. (MHz)	2.0	4.8	97.0	97.3
Limit (dB)	52.3	44.5	3.7	3.6



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36	78	36	78
RL (dB)	7.8	5.7	7.8	5.7
Freq. (MHz)	63.3	68.5	63.3	68.8
Limit (dB)	12.0	11.7	12.0	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: D1-48

Test Summary: PASS

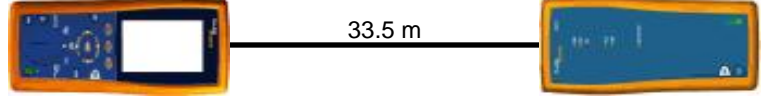
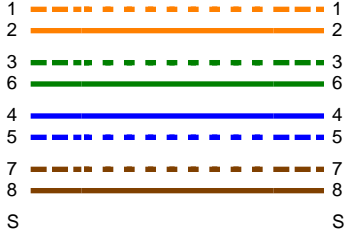
Date / Time: 08/20/2009 03:09:16pm
Headroom: 4.0 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

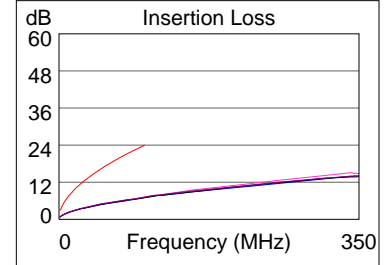
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

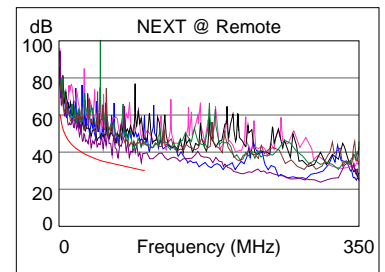
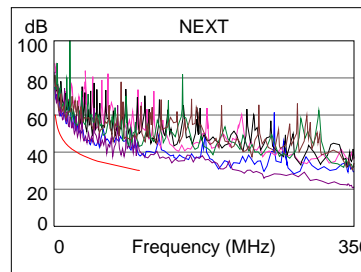
PASS



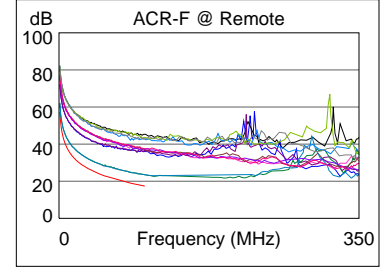
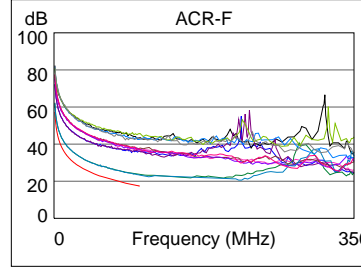
Length (m), Limit 100.0	[Pair 12]	33.5
Prop. Delay (ns), Limit 555		167
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 12]	6.2
Insertion Loss Margin (dB)	[Pair 36]	16.8
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



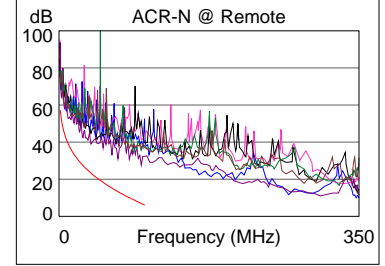
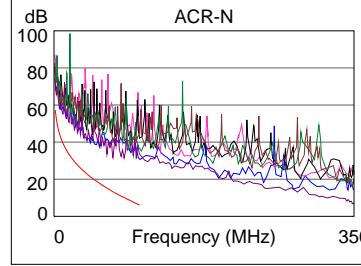
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	4.5	4.0	5.8	4.0
Freq. (MHz)	68.8	68.8	82.3	96.0
Limit (dB)	32.9	32.9	31.5	30.4
Worst Pair	36	36	36	36
PS NEXT (dB)	6.9	6.2	7.9	6.2
Freq. (MHz)	69.0	96.3	100.0	96.3
Limit (dB)	29.9	27.4	27.1	27.4



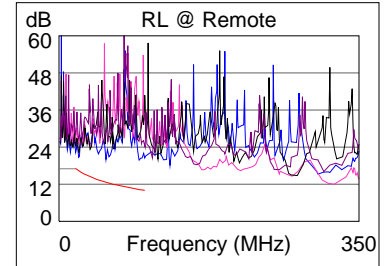
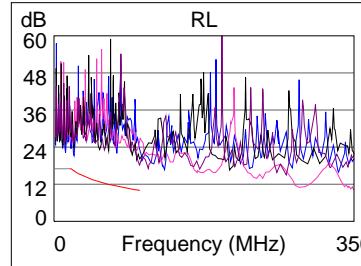
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	45-36	45-36	36-45
ACR-F (dB)	4.3	4.3	5.8	6.0
Freq. (MHz)	2.1	2.3	99.3	99.3
Limit (dB)	50.9	50.4	17.5	17.5
Worst Pair	36	36	36	45
PS ACR-F (dB)	7.0	6.9	8.4	8.6
Freq. (MHz)	1.0	1.1	99.3	99.5
Limit (dB)	54.4	53.4	14.5	14.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-36	36-45	12-36	36-45
ACR-N (dB)	12.1	11.6	24.4	20.7
Freq. (MHz)	1.6	2.6	100.0	96.3
Limit (dB)	56.9	52.9	6.1	6.8
Worst Pair	36	36	36	36
PS ACR-N (dB)	12.5	12.3	24.7	22.7
Freq. (MHz)	2.0	2.5	100.0	96.3
Limit (dB)	52.3	50.4	3.1	3.8



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	78	12
RL (dB)	4.8	4.1	8.1	9.3
Freq. (MHz)	23.1	23.1	100.0	94.0
Limit (dB)	16.4	16.4	10.0	10.3



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



Cable ID: D1-47

Test Summary: PASS

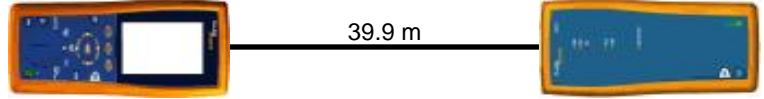
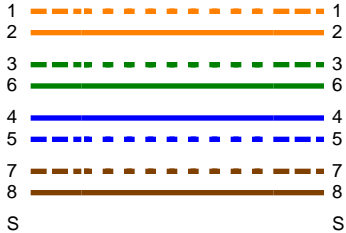
Date / Time: 08/20/2009 03:02:51pm
 Headroom: 3.3 dB (NEXT 36-45)
 Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

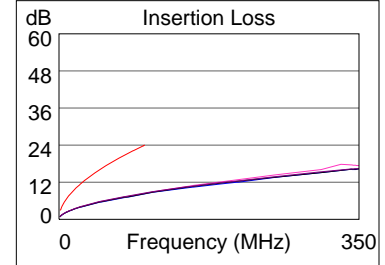
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

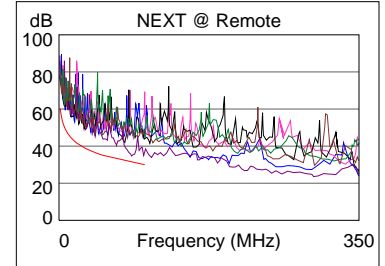
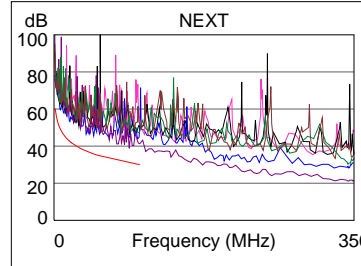
PASS



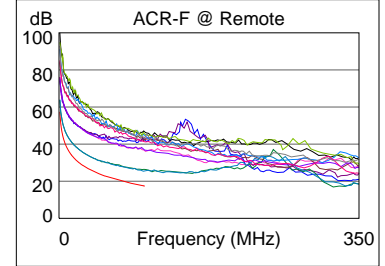
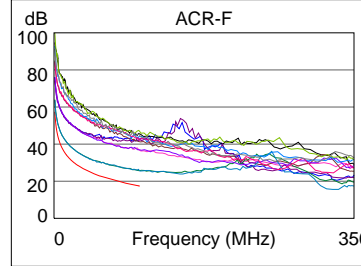
Length (m), Limit 100.0	[Pair 12]	39.9
Prop. Delay (ns), Limit 555		198
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 12]	7.3
Insertion Loss Margin (dB)	[Pair 36]	15.6
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



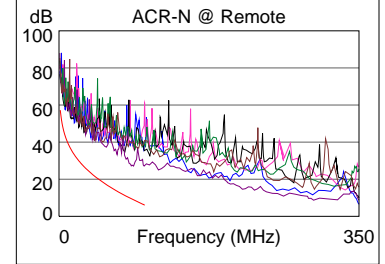
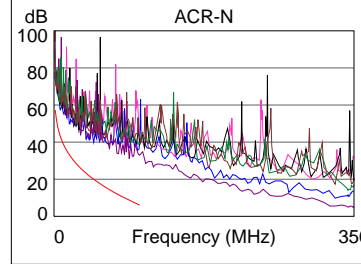
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	7.7	3.3	7.7	3.4
Freq. (MHz)	87.8	84.3	87.8	87.5
Limit (dB)	31.1	31.4	31.1	31.1
Worst Pair	36	45	36	45
PS NEXT (dB)	9.4	5.8	9.4	5.8
Freq. (MHz)	87.8	87.3	87.8	87.3
Limit (dB)	28.1	28.1	28.1	28.1



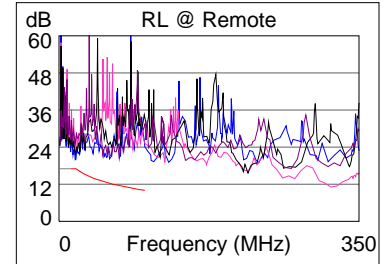
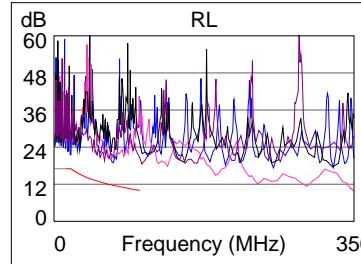
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	6.1	6.1	8.0	7.8
Freq. (MHz)	1.4	3.8	98.0	98.3
Limit (dB)	54.6	45.9	17.6	17.6
Worst Pair	36	45	45	45
PS ACR-F (dB)	8.9	8.8	10.7	10.8
Freq. (MHz)	1.3	3.8	98.0	100.0
Limit (dB)	52.5	42.9	14.6	14.4



	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)	14.1	13.9	24.4	18.0
Freq. (MHz)	7.1	7.4	99.0	87.5
Limit (dB)	43.5	43.1	6.3	8.8
Worst Pair	12	12	36	36
PS ACR-N (dB)	15.1	14.6	25.8	22.6
Freq. (MHz)	6.9	6.9	99.0	98.8
Limit (dB)	40.8	40.8	3.3	3.3



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	12	12
RL (dB)	3.6	2.5	7.3	2.5
Freq. (MHz)	19.3	19.3	68.8	19.3
Limit (dB)	17.0	17.0	11.6	17.0



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: D1-46

Test Summary: PASS

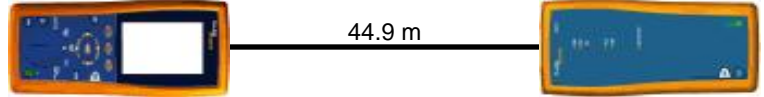
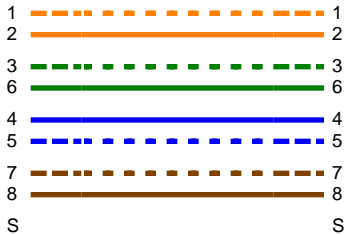
Date / Time: 08/20/2009 03:04:57pm
Headroom: 4.9 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

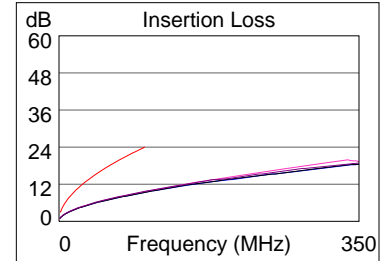
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

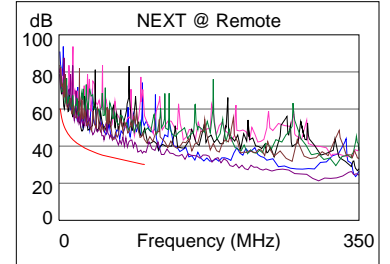
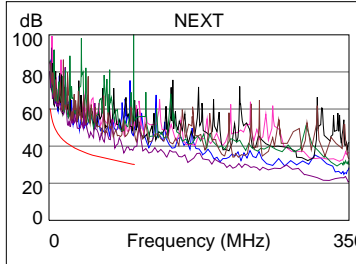
PASS



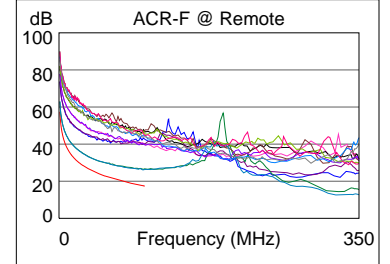
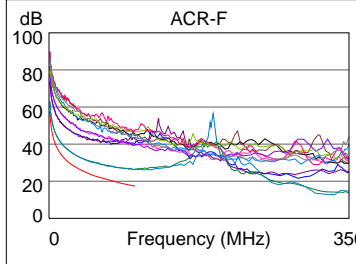
Length (m), Limit 100.0	[Pair 12]	44.9
Prop. Delay (ns), Limit 555		223
Delay Skew (ns), Limit 50		6
Resistance (ohms)	[Pair 12]	9.2
Insertion Loss Margin (dB)	[Pair 36]	14.4
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



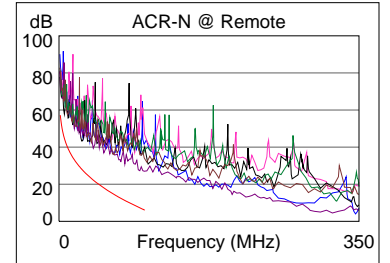
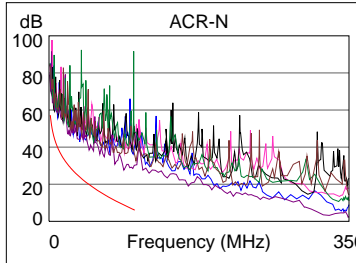
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	4.9	5.6	4.9	5.8
Freq. (MHz)	86.8	94.5	86.8	100.0
Limit (dB)	31.1	30.5	31.1	30.1
Worst Pair	36	45	36	45
PS NEXT (dB)	7.5	8.0	7.5	8.1
Freq. (MHz)	87.0	94.5	87.0	100.0
Limit (dB)	28.1	27.5	28.1	27.1



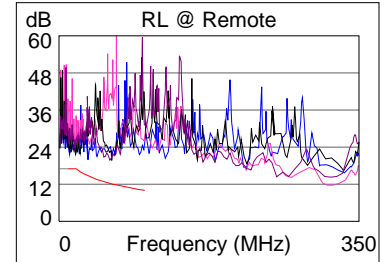
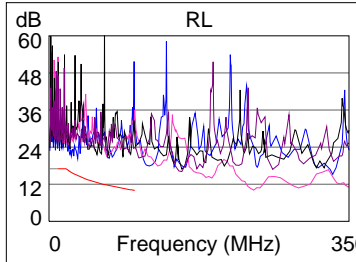
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	5.4	5.4	8.6	8.4
Freq. (MHz)	1.5	1.1	98.3	98.3
Limit (dB)	53.9	56.4	17.6	17.6
Worst Pair	36	36	45	45
PS ACR-F (dB)	8.1	8.1	11.3	11.3
Freq. (MHz)	1.5	1.5	98.3	98.0
Limit (dB)	50.9	50.9	14.6	14.6



	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)	13.8	12.7	18.4	20.5
Freq. (MHz)	5.9	5.9	86.8	100.0
Limit (dB)	45.4	45.4	8.9	6.1
Worst Pair	78	78	36	45
PS ACR-N (dB)	15.7	14.7	22.9	22.8
Freq. (MHz)	5.9	2.9	97.0	100.0
Limit (dB)	42.4	49.1	3.7	3.1



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	12	45
RL (dB)	5.1	4.2	8.3	7.5
Freq. (MHz)	24.1	12.0	69.3	61.8
Limit (dB)	16.2	17.0	11.6	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: D1-45

Test Summary: PASS

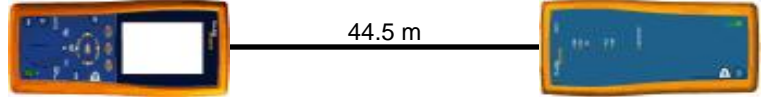
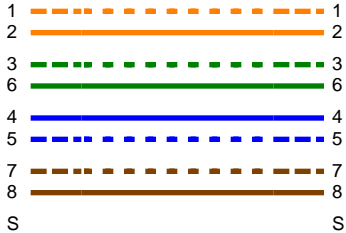
Date / Time: 08/20/2009 03:01:38pm
Headroom: 2.8 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

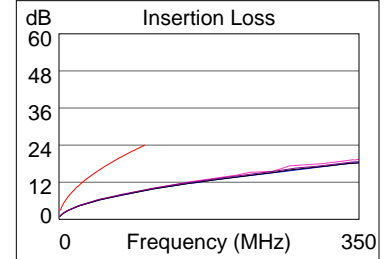
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

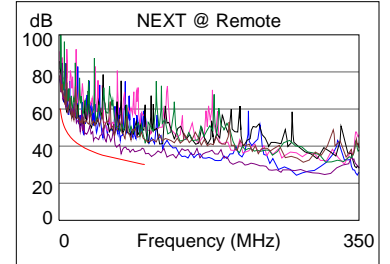
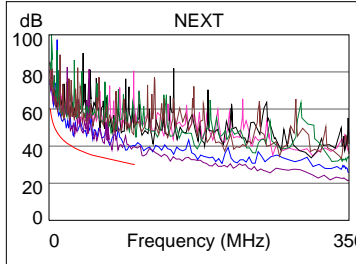
PASS



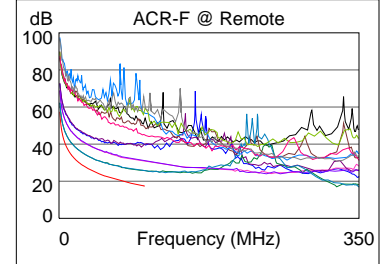
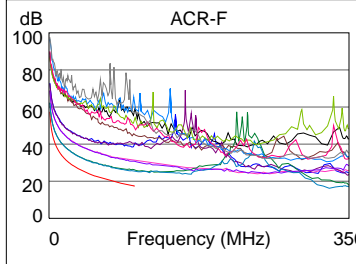
Length (m), Limit 100.0	[Pair 12]	44.5
Prop. Delay (ns), Limit 555		220
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 12]	8.3
Insertion Loss Margin (dB)	[Pair 36]	14.5
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



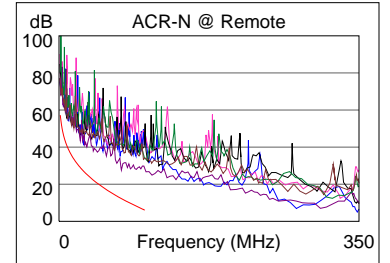
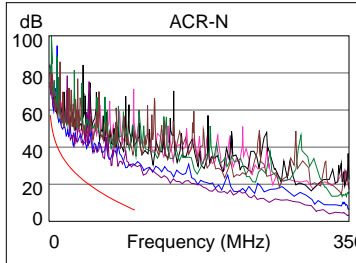
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	4.6	2.8	4.6	2.8
Freq. (MHz)	73.0	73.0	73.0	73.0
Limit (dB)	32.4	32.4	32.4	32.4
Worst Pair	36	36	36	36
PS NEXT (dB)	6.7	5.5	8.3	5.5
Freq. (MHz)	72.8	72.8	93.5	73.0
Limit (dB)	29.5	29.5	27.6	29.4



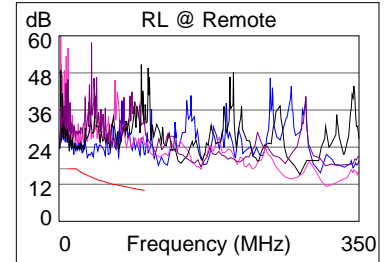
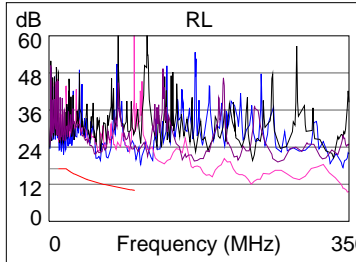
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	4.8	4.8	8.0	8.2
Freq. (MHz)	1.0	1.0	99.5	99.5
Limit (dB)	57.4	57.4	17.4	17.4
Worst Pair	45	45	45	45
PS ACR-F (dB)	7.1	6.9	10.1	9.9
Freq. (MHz)	1.0	1.0	95.5	99.5
Limit (dB)	54.4	54.4	14.8	14.4



	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)	13.1	12.5	21.8	15.2
Freq. (MHz)	28.4	2.3	95.8	73.0
Limit (dB)	27.2	54.3	7.0	12.2
Worst Pair	36	45	36	45
PS ACR-N (dB)	13.6	13.1	22.6	21.9
Freq. (MHz)	1.6	2.3	95.8	90.8
Limit (dB)	53.9	51.3	4.0	5.0



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	12	12
RL (dB)	4.5	4.6	6.8	5.3
Freq. (MHz)	17.1	17.1	57.3	32.5
Limit (dB)	17.0	17.0	12.4	14.9



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

Test Summary: PASS

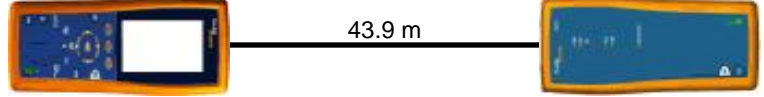
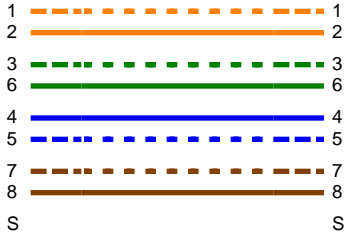
Date / Time: 08/20/2009 03:01:09pm
 Headroom: 2.6 dB (NEXT 36-45)
 Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

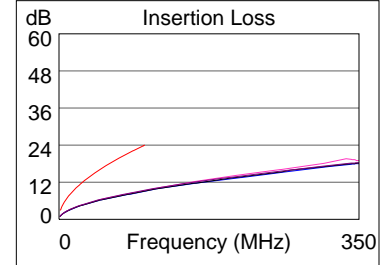
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

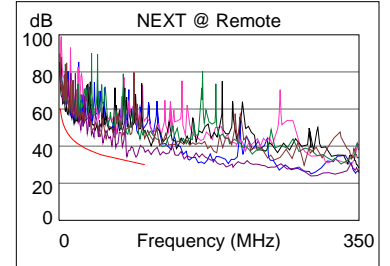
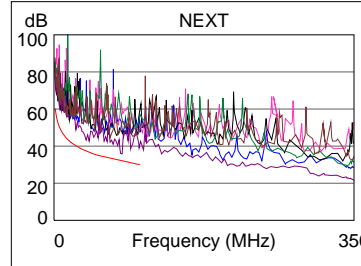
PASS



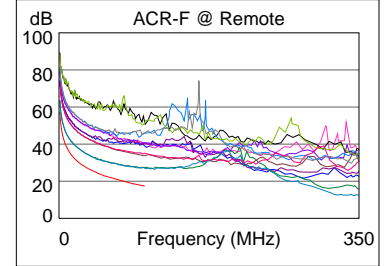
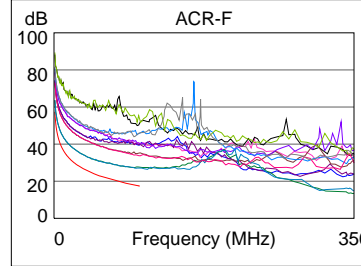
Length (m), Limit 100.0	[Pair 12]	43.9
Prop. Delay (ns), Limit 555		217
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 12]	8.2
Insertion Loss Margin (dB)	[Pair 36]	14.6
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



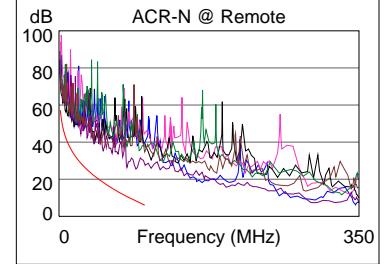
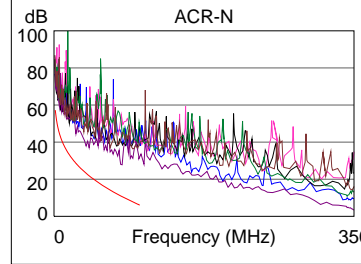
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	2.6	2.6	2.6	2.9
Freq. (MHz)	78.8	79.3	78.8	89.3
Limit (dB)	31.9	31.8	31.9	30.9
Worst Pair	36	36	36	45
PS NEXT (dB)	5.5	5.2	5.5	5.8
Freq. (MHz)	78.8	79.3	78.8	89.3
Limit (dB)	28.9	28.8	28.9	27.9



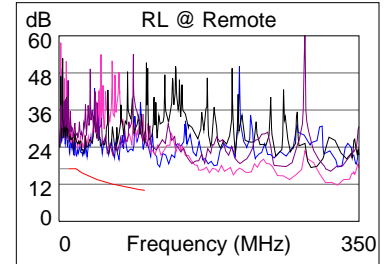
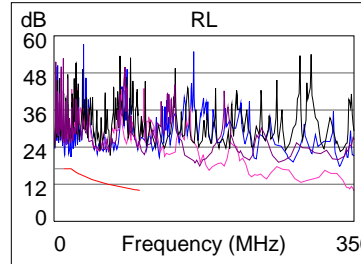
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	45-36	36-45
ACR-F (dB)	6.3	6.3	9.1	9.3
Freq. (MHz)	1.0	1.0	96.5	96.3
Limit (dB)	57.4	57.4	17.7	17.7
Worst Pair	36	36	36	36
PS ACR-F (dB)	8.5	8.6	11.1	11.2
Freq. (MHz)	1.0	1.0	96.5	90.0
Limit (dB)	54.4	54.4	14.7	15.3



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	12-78	36-45	36-45
ACR-N (dB)	12.8	12.5	15.7	16.8
Freq. (MHz)	2.1	2.4	78.8	89.3
Limit (dB)	54.8	53.8	10.8	8.4
Worst Pair	36	78	36	36
PS ACR-N (dB)	14.4	13.7	18.5	19.7
Freq. (MHz)	6.1	2.4	78.8	89.3
Limit (dB)	42.0	50.8	7.8	5.4



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	12	12
RL (dB)	3.7	3.7	3.7	8.4
Freq. (MHz)	20.0	20.1	20.0	70.0
Limit (dB)	17.0	17.0	17.0	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: D1-43

Test Summary: PASS

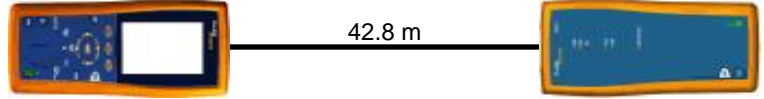
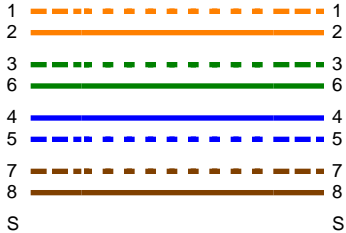
Date / Time: 08/20/2009 03:00:30pm
Headroom: 5.4 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

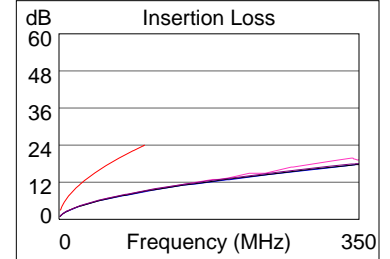
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

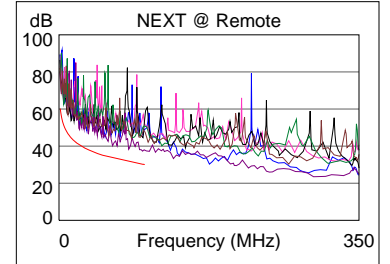
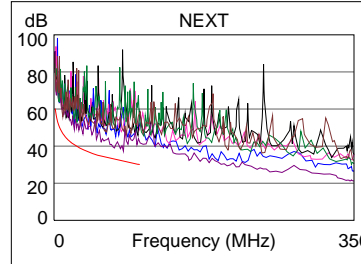
PASS



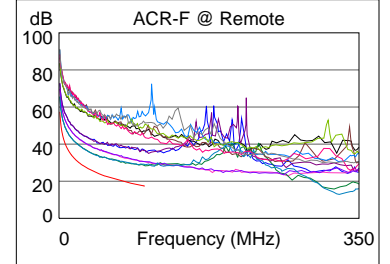
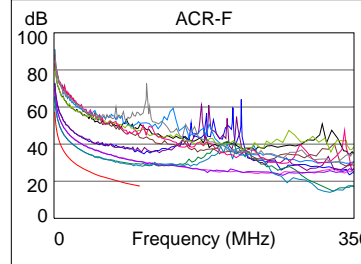
Length (m), Limit 100.0	[Pair 12]	42.8
Prop. Delay (ns), Limit 555		213
Delay Skew (ns), Limit 50		6
Resistance (ohms)	[Pair 12]	8.0
Insertion Loss Margin (dB)	[Pair 36]	14.8
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



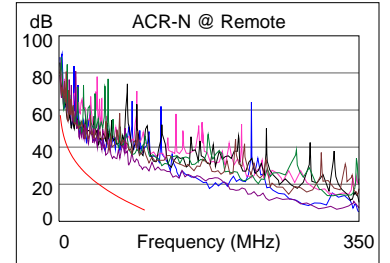
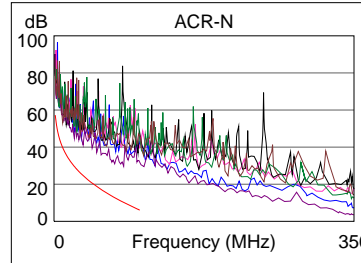
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	5.4	6.1	5.6	6.1
Freq. (MHz)	68.0	96.8	80.8	96.8
Limit (dB)	33.0	30.3	31.7	30.3
Worst Pair	36	36	45	45
PS NEXT (dB)	7.9	8.4	8.1	8.5
Freq. (MHz)	71.0	23.6	80.8	96.8
Limit (dB)	29.6	37.8	28.7	27.3



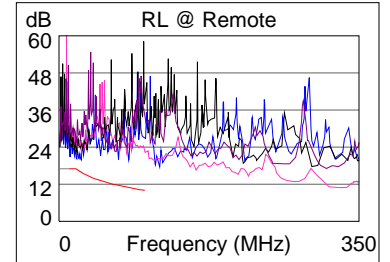
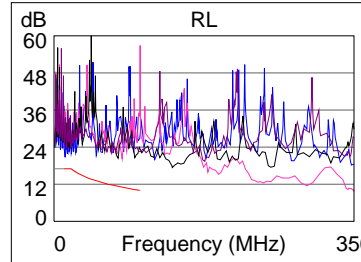
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	45-36	36-45
ACR-F (dB)	8.1	8.1	10.2	10.4
Freq. (MHz)	1.6	1.0	92.5	92.5
Limit (dB)	53.2	57.4	18.1	18.1
Worst Pair	45	45	45	45
PS ACR-F (dB)	9.7	9.7	12.2	11.8
Freq. (MHz)	1.6	2.1	97.8	98.3
Limit (dB)	50.2	47.9	14.6	14.6



	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)	12.7	13.8	19.0	20.9
Freq. (MHz)	2.3	2.3	80.8	96.8
Limit (dB)	54.3	54.3	10.3	6.7
Worst Pair	45	78	45	36
PS ACR-N (dB)	13.8	14.0	21.5	23.3
Freq. (MHz)	2.5	10.0	80.8	96.8
Limit (dB)	50.4	36.9	7.3	3.7



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	45	12
RL (dB)	3.5	3.2	9.5	3.7
Freq. (MHz)	12.8	20.4	95.0	25.6
Limit (dB)	17.0	16.9	10.2	15.9



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

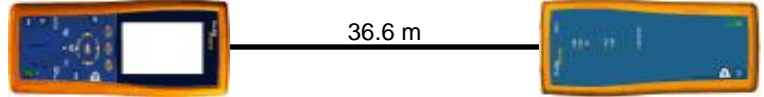
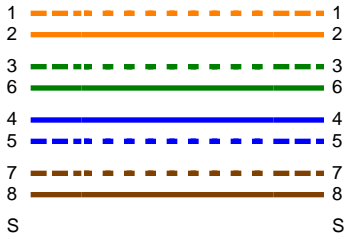
Date / Time: 08/20/2009 02:55:33pm
Headroom: 4.8 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

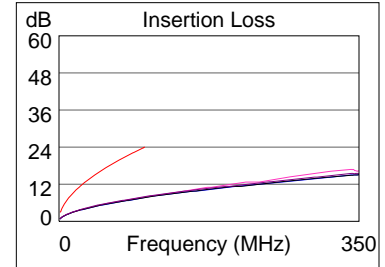
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

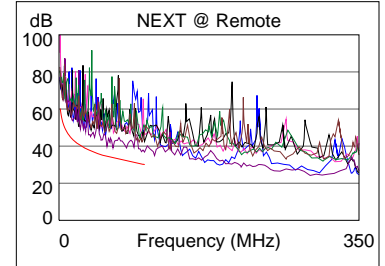
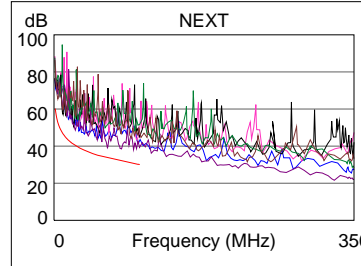
PASS



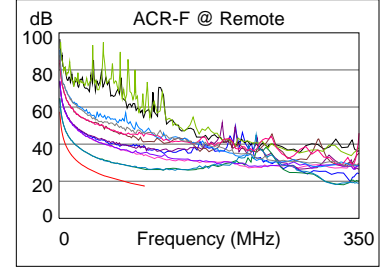
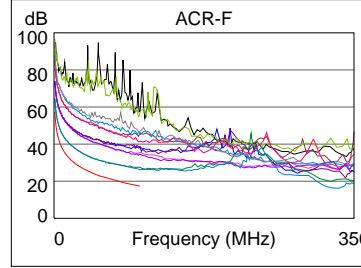
Length (m), Limit 100.0	[Pair 12]	36.6
Prop. Delay (ns), Limit 555		181
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	6.7
Insertion Loss Margin (dB)	[Pair 36]	16.1
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



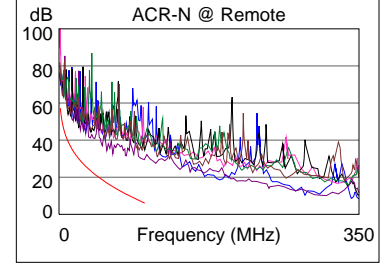
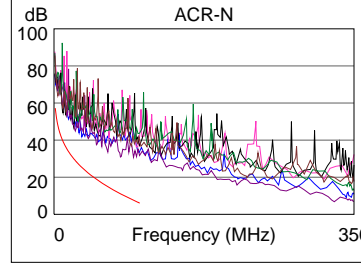
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	5.3	4.8	5.3	6.0
Freq. (MHz)	77.8	62.5	78.0	96.8
Limit (dB)	32.0	33.6	31.9	30.3
Worst Pair	36	45	45	45
PS NEXT (dB)	7.7	7.6	8.8	7.6
Freq. (MHz)	62.0	62.5	96.8	96.8
Limit (dB)	30.6	30.6	27.3	27.3



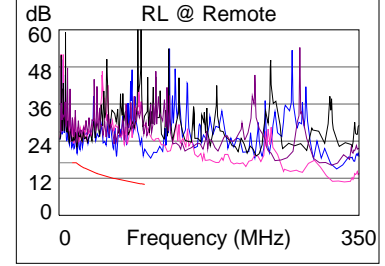
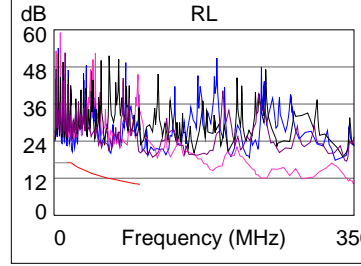
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	45-36	45-36	36-45
ACR-F (dB)	6.8	6.8	9.0	9.2
Freq. (MHz)	1.0	1.0	98.0	97.8
Limit (dB)	57.4	57.4	17.6	17.6
Worst Pair	45	36	36	45
PS ACR-F (dB)	9.4	9.4	11.6	11.3
Freq. (MHz)	1.0	1.0	98.0	97.8
Limit (dB)	54.4	54.4	14.6	14.6



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-36	12-36	36-45	36-45
ACR-N (dB)	14.0	13.9	22.5	22.1
Freq. (MHz)	1.8	1.8	93.3	96.8
Limit (dB)	56.4	56.4	7.5	6.7
Worst Pair	12	12	45	45
PS ACR-N (dB)	14.5	14.3	24.9	23.7
Freq. (MHz)	1.6	1.8	96.8	96.8
Limit (dB)	53.9	53.4	3.7	3.7



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	12	12
RL (dB)	3.4	3.2	7.5	7.5
Freq. (MHz)	21.0	21.1	66.8	67.0
Limit (dB)	16.8	16.8	11.8	11.7



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: D1-41

Test Summary: PASS

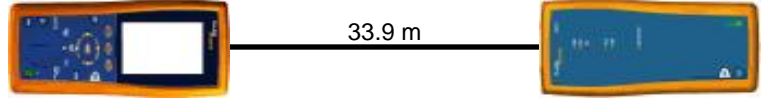
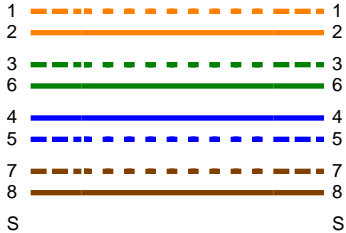
Date / Time: 08/20/2009 02:59:31pm
 Headroom: 4.7 dB (NEXT 36-45)
 Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

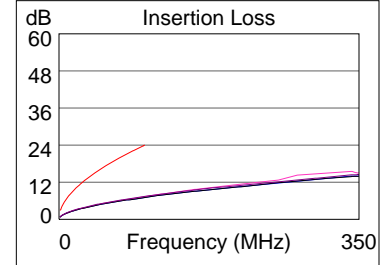
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

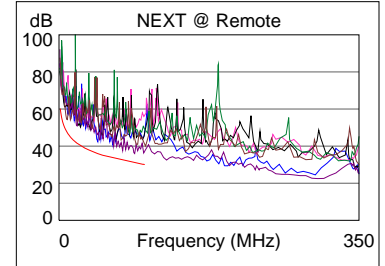
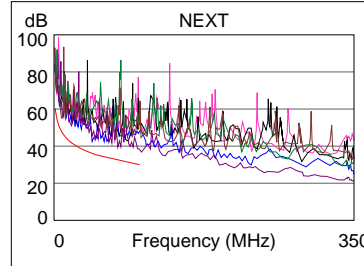
PASS



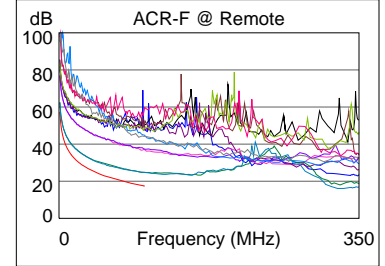
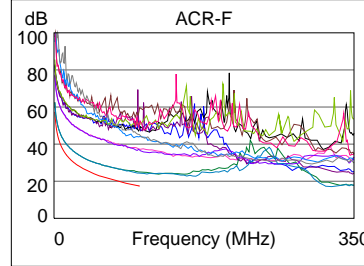
Length (m), Limit 100.0	[Pair 12]	33.9
Prop. Delay (ns), Limit 555		168
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	6.4
Insertion Loss Margin (dB)	[Pair 36]	16.6
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



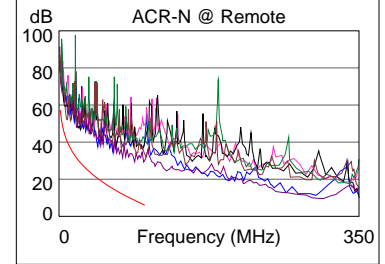
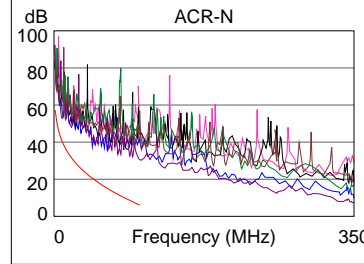
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-36	36-45	36-45	36-45
NEXT (dB)	5.9	4.7	7.0	4.7
Freq. (MHz)	45.0	87.8	98.3	87.8
Limit (dB)	36.0	31.1	30.2	31.1
Worst Pair	36	45	36	45
PS NEXT (dB)	7.5	7.2	9.5	7.2
Freq. (MHz)	44.8	87.8	98.3	88.0
Limit (dB)	33.1	28.1	27.2	28.0



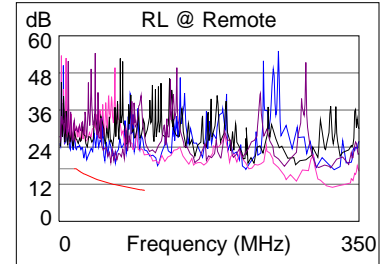
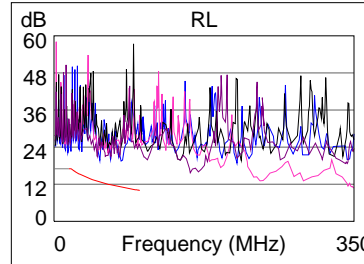
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	45-36	45-36
ACR-F (dB)	4.9	4.9	6.8	7.1
Freq. (MHz)	1.0	1.0	97.3	98.5
Limit (dB)	57.4	57.4	17.6	17.5
Worst Pair	45	45	36	45
PS ACR-F (dB)	7.8	7.8	9.8	9.4
Freq. (MHz)	2.1	1.0	97.3	95.8
Limit (dB)	47.9	54.4	14.6	14.8



	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)	11.7	11.1	23.8	20.5
Freq. (MHz)	8.9	9.1	98.3	87.8
Limit (dB)	41.2	40.9	6.4	8.7
Worst Pair	45	78	36	36
PS ACR-N (dB)	14.4	13.4	25.9	24.8
Freq. (MHz)	8.9	9.1	98.5	98.5
Limit (dB)	38.2	37.9	3.4	3.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	12	12
RL (dB)	5.6	4.6	7.4	6.8
Freq. (MHz)	19.5	32.8	79.0	66.0
Limit (dB)	17.0	14.9	11.0	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

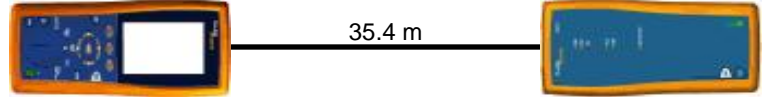
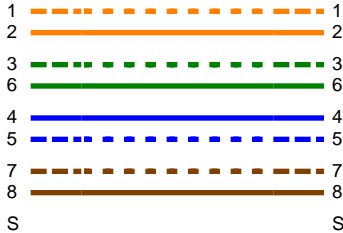
Date / Time: 08/20/2009 02:49:49pm
Headroom: 4.3 dB (NEXT 12-36)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

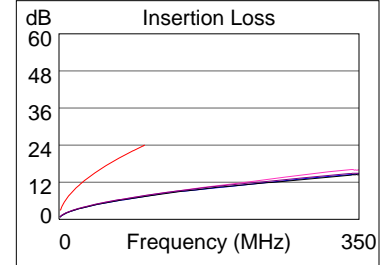
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

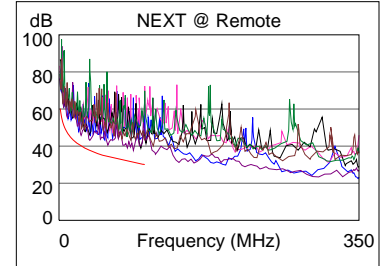
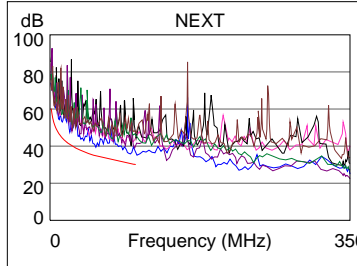
PASS



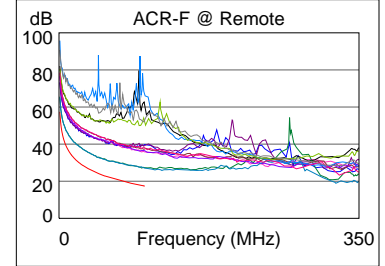
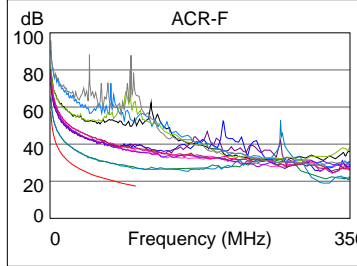
Length (m), Limit 100.0	[Pair 12]	35.4
Prop. Delay (ns), Limit 555		175
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 36]	7.3
Insertion Loss Margin (dB)	[Pair 78]	16.3
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



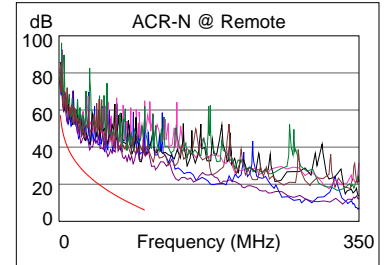
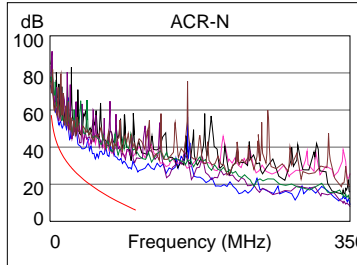
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-36	36-45	12-36	36-45
NEXT (dB)	4.3	5.0	4.8	6.5
Freq. (MHz)	53.0	35.5	94.5	87.0
Limit (dB)	34.8	37.8	30.5	31.1
Worst Pair	12	36	12	12
PS NEXT (dB)	6.2	6.8	6.2	9.2
Freq. (MHz)	94.5	36.0	94.5	95.0
Limit (dB)	27.5	34.7	27.5	27.5



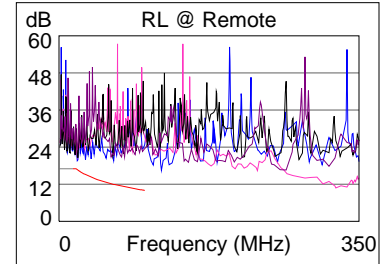
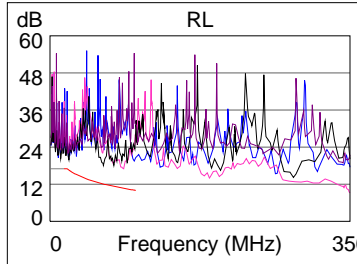
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	45-36	45-36	36-45
ACR-F (dB)	7.7	7.7	9.1	9.4
Freq. (MHz)	2.1	2.1	95.8	96.3
Limit (dB)	50.9	50.9	17.8	17.7
Worst Pair	36	36	36	45
PS ACR-F (dB)	10.0	9.9	11.4	11.6
Freq. (MHz)	1.1	2.1	95.8	95.8
Limit (dB)	53.4	47.9	14.8	14.8



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-36	36-45	12-36	36-45
ACR-N (dB)	12.1	12.8	20.7	21.9
Freq. (MHz)	10.1	9.3	94.5	87.0
Limit (dB)	39.8	40.7	7.2	8.9
Worst Pair	36	78	12	12
PS ACR-N (dB)	12.7	13.0	22.4	25.5
Freq. (MHz)	10.1	4.8	94.5	95.0
Limit (dB)	36.8	44.5	4.2	4.1



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45	12	36	12
RL (dB)	3.2	2.5	5.6	2.5
Freq. (MHz)	21.8	21.5	85.3	21.5
Limit (dB)	16.6	16.7	10.7	16.7



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: D1-39

Test Summary: PASS

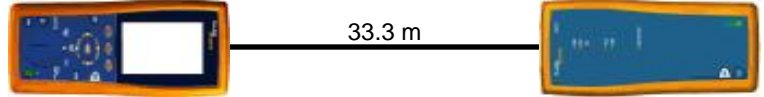
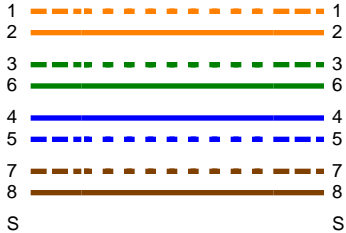
Date / Time: 08/20/2009 02:39:25pm
Headroom: 2.8 dB (NEXT 12-36)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

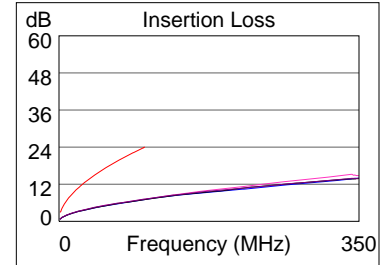
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

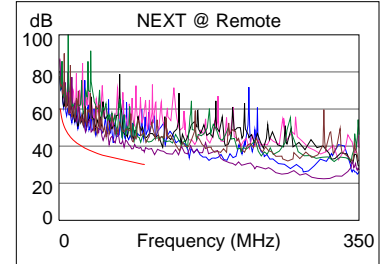
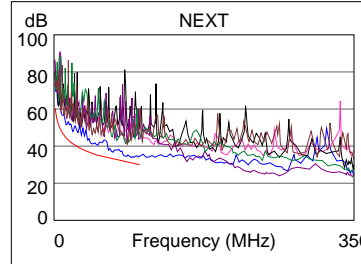
PASS



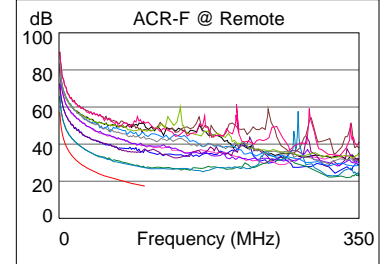
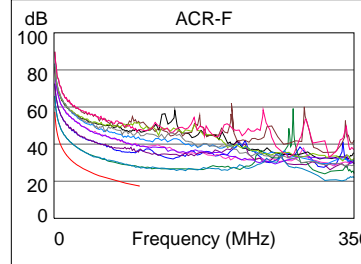
Length (m), Limit 100.0	[Pair 12]	33.3
Prop. Delay (ns), Limit 555		165
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	6.3
Insertion Loss Margin (dB)	[Pair 36]	16.8
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



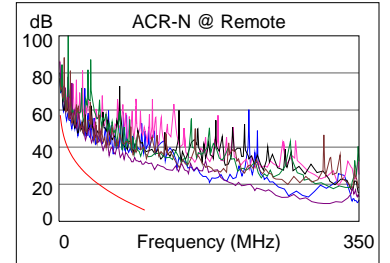
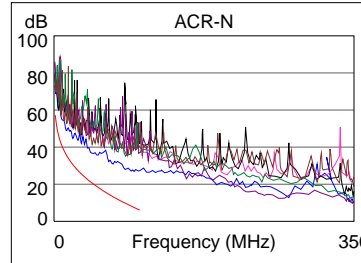
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-36	36-45	12-36	36-45
NEXT (dB)	2.8	6.2	2.9	6.6
Freq. (MHz)	83.3	85.5	90.0	99.8
Limit (dB)	31.5	31.3	30.9	30.1
Worst Pair	36	45	36	36
PS NEXT (dB)	5.0	8.0	6.2	9.0
Freq. (MHz)	83.8	85.5	99.3	99.3
Limit (dB)	28.4	28.3	27.1	27.1



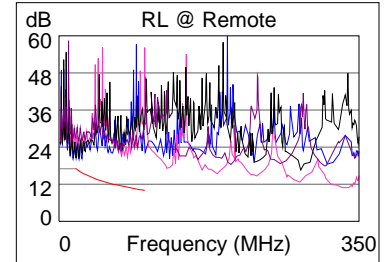
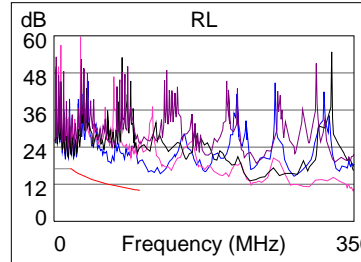
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	45-36	45-36
ACR-F (dB)	8.4	8.4	9.9	9.8
Freq. (MHz)	2.0	2.1	100.0	99.8
Limit (dB)	51.4	50.9	17.4	17.4
Worst Pair	36	36	36	45
PS ACR-F (dB)	10.6	10.6	12.0	12.5
Freq. (MHz)	1.0	2.0	95.3	100.0
Limit (dB)	54.4	48.4	14.8	14.4



	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)	12.1	12.7	19.5	23.6
Freq. (MHz)	1.6	5.0	93.5	99.8
Limit (dB)	56.9	47.0	7.4	6.1
Worst Pair	36	12	36	36
PS ACR-N (dB)	13.1	13.0	22.9	25.8
Freq. (MHz)	1.8	5.3	99.0	99.8
Limit (dB)	53.4	43.5	3.3	3.1



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	12	12
RL (dB)	4.0	3.5	6.1	3.6
Freq. (MHz)	22.9	19.8	63.8	23.0
Limit (dB)	16.4	17.0	12.0	16.4



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: D1-38

Test Summary: PASS

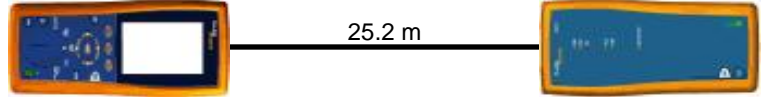
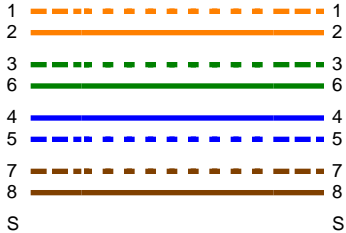
Date / Time: 08/25/2009 03:35:46pm
Headroom: 4.1 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

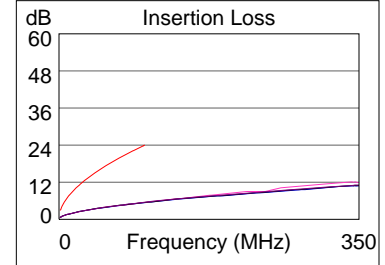
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

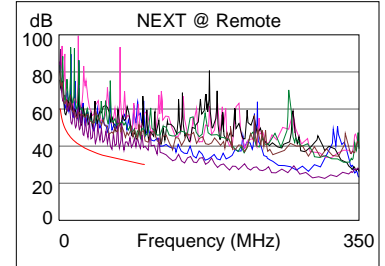
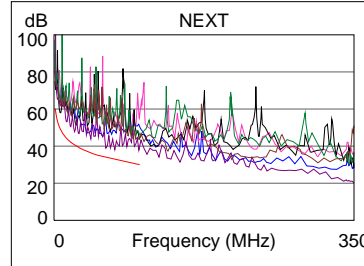
PASS



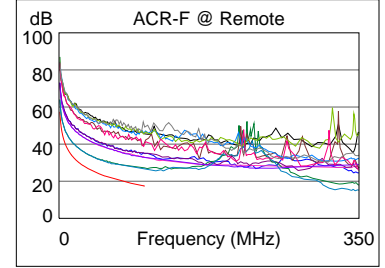
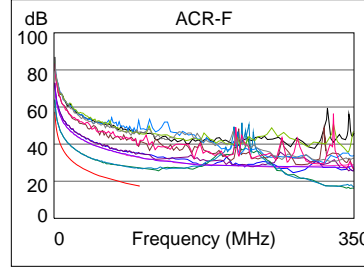
Length (m), Limit 100.0	[Pair 78]	25.2
Prop. Delay (ns), Limit 555		125
Delay Skew (ns), Limit 50		3
Resistance (ohms)	[Pair 12]	4.8
Insertion Loss Margin (dB)	[Pair 36]	18.5
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



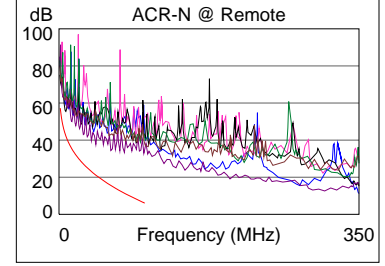
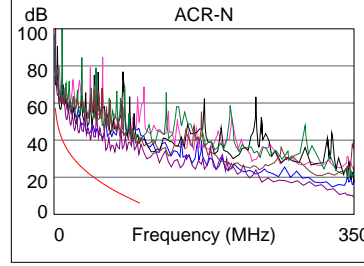
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	4.6	4.1	7.6	5.6
Freq. (MHz)	61.0	61.0	99.3	75.8
Limit (dB)	33.8	33.8	30.1	32.2
Worst Pair	36	45	45	45
PS NEXT (dB)	7.2	6.6	9.5	10.0
Freq. (MHz)	61.0	61.0	99.3	99.5
Limit (dB)	30.8	30.8	27.1	27.1



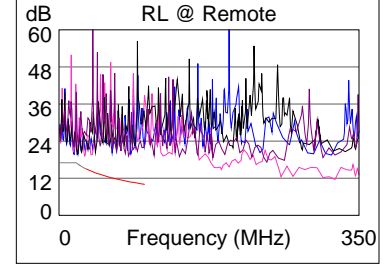
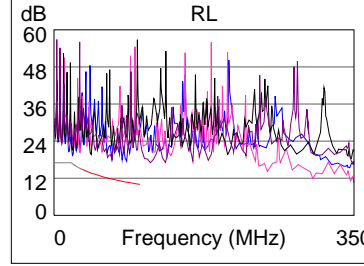
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	6.3	6.3	9.2	9.1
Freq. (MHz)	1.0	1.0	98.0	98.0
Limit (dB)	57.4	57.4	17.6	17.6
Worst Pair	45	36	45	36
PS ACR-F (dB)	8.8	8.8	11.2	11.3
Freq. (MHz)	1.0	1.0	98.0	97.0
Limit (dB)	54.4	54.4	14.6	14.7



	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)	13.2	12.5	26.1	26.6
Freq. (MHz)	6.6	7.3	99.3	99.3
Limit (dB)	44.2	43.3	6.2	6.2
Worst Pair	78	78	45	45
PS ACR-N (dB)	14.1	13.9	28.0	28.5
Freq. (MHz)	6.5	7.1	99.3	99.5
Limit (dB)	41.4	40.5	3.2	3.2



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45	36	12	78
RL (dB)	5.7	4.6	6.1	7.7
Freq. (MHz)	42.8	38.0	84.0	81.5
Limit (dB)	13.7	14.2	10.8	10.9



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

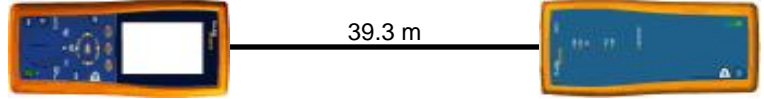
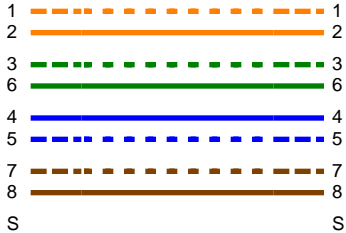
Date / Time: 08/20/2009 03:31:36pm
 Headroom: 3.0 dB (NEXT 36-45)
 Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

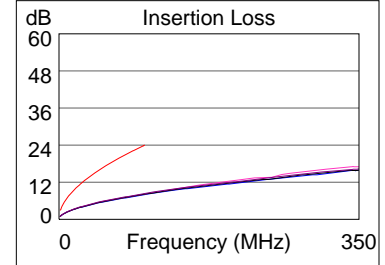
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

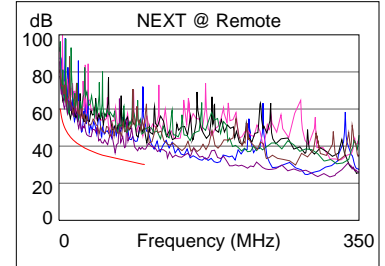
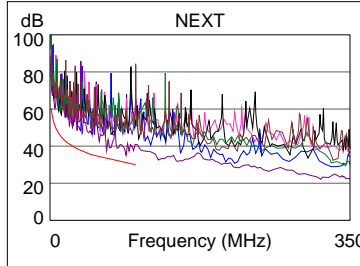
PASS



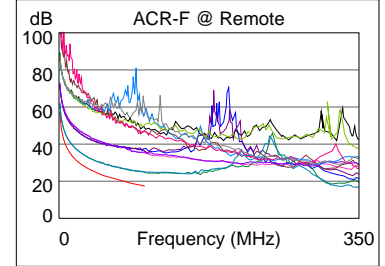
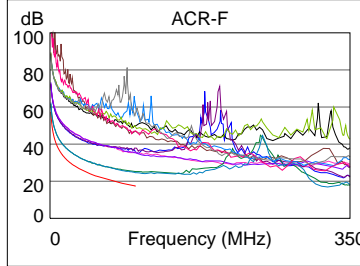
Length (m), Limit 100.0	[Pair 12]	39.3
Prop. Delay (ns), Limit 555		195
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 78]	7.4
Insertion Loss Margin (dB)	[Pair 78]	15.7
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



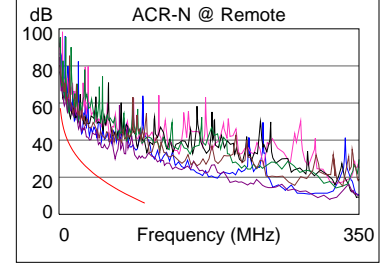
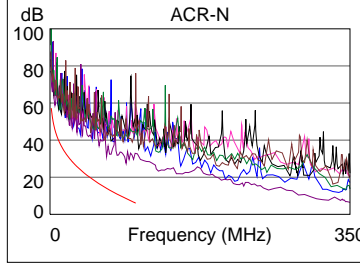
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	4.1	3.0	4.1	3.0
Freq. (MHz)	88.8	65.8	88.8	65.8
Limit (dB)	31.0	33.2	31.0	33.2
Worst Pair	36	36	36	36
PS NEXT (dB)	6.9	5.7	6.9	5.7
Freq. (MHz)	88.8	65.8	88.8	65.8
Limit (dB)	28.0	30.2	28.0	30.2



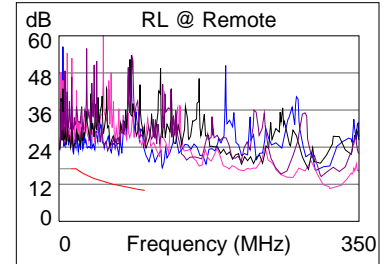
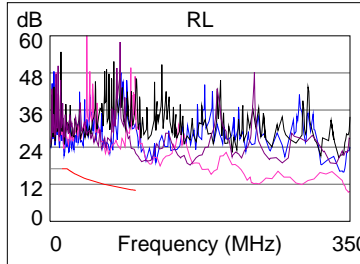
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	45-36	45-36	36-45
ACR-F (dB)	4.2	4.2	7.2	7.3
Freq. (MHz)	1.0	1.0	99.5	99.5
Limit (dB)	57.4	57.4	17.4	17.4
Worst Pair	45	36	36	45
PS ACR-F (dB)	6.8	6.9	9.9	9.8
Freq. (MHz)	1.0	1.0	99.5	100.0
Limit (dB)	54.4	54.4	14.4	14.4



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	12.3	13.0	19.0	15.6
Freq. (MHz)	2.3	2.3	88.8	65.8
Limit (dB)	54.3	54.3	8.5	14.1
Worst Pair	45	45	36	36
PS ACR-N (dB)	13.8	14.5	21.8	23.0
Freq. (MHz)	2.3	2.3	88.8	89.3
Limit (dB)	51.3	51.3	5.5	5.4



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	12	12
RL (dB)	3.9	4.5	3.9	9.6
Freq. (MHz)	16.6	16.6	16.6	70.0
Limit (dB)	17.0	17.0	17.0	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: D1-27

Test Summary: FAIL

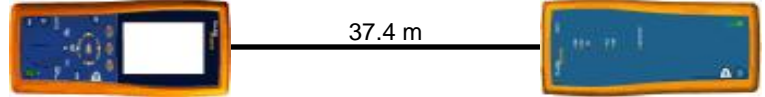
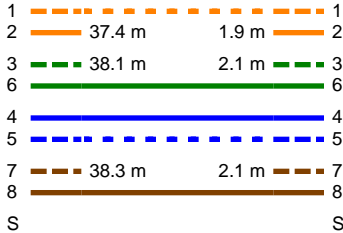
Date / Time: 08/20/2009 03:25:53pm
 Headroom: **-38.8 dB (NEXT 12-36)**
 Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

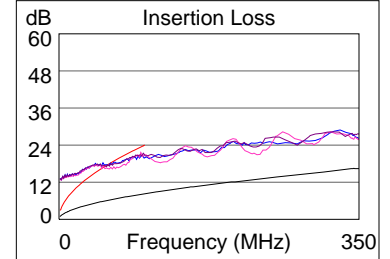
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

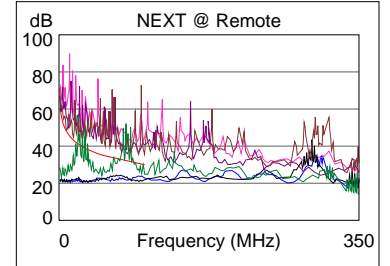
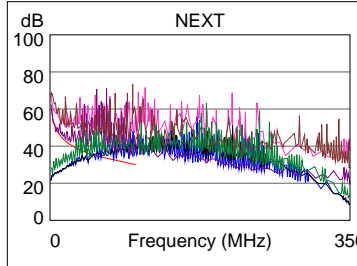
FAIL



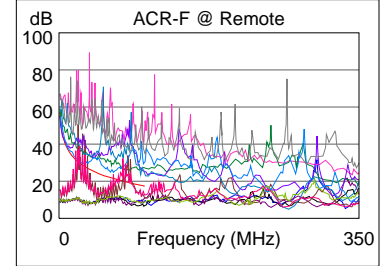
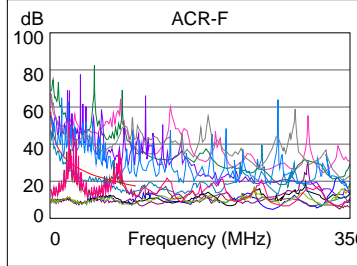
Length (m), Limit 100.0	[Pair 12]	37.4
Prop. Delay (ns), Limit 555		191
Delay Skew (ns), Limit 50		10
Resistance (ohms)	[Pair 12]	Open
Insertion Loss Margin (dB)	[Pair 12]	-10.4 F
Frequency (MHz)	[Pair 12]	1.4
Limit (dB)	[Pair 12]	3.0



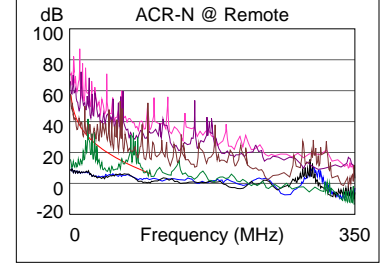
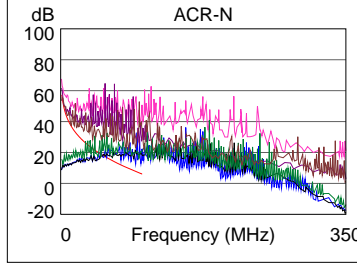
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	12-36	12-36	12-36	12-36
NEXT (dB)	-38.7 F	-38.8 F	-38.7	-26.5
Freq. (MHz)	1.0	1.5	1.0	10.3
Limit (dB)	60.0	60.0	60.0	46.8
Worst Pair	12	12	12	12
PS NEXT (dB)	-38.6 F	-38.7 F	-38.6	-19.3
Freq. (MHz)	1.0	1.5	1.0	27.4
Limit (dB)	57.0	57.0	57.0	36.7



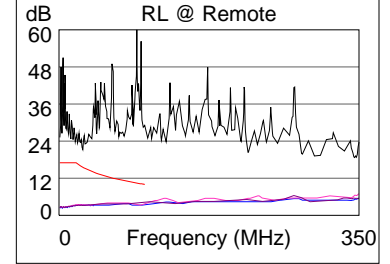
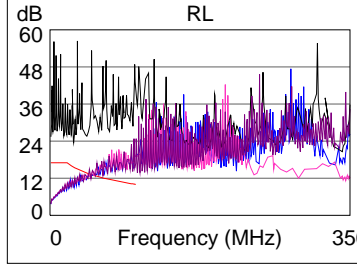
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	36-12	36-12	78-12	12-78
ACR-F (dB)	-49.3 F	-48.9 F	-19.1	-11.7
Freq. (MHz)	1.0	1.0	36.8	92.8
Limit (dB)	57.4	57.4	26.1	18.1
Worst Pair	12	12	12	12
PS ACR-F (dB)	-49.2 F	-48.4 F	-18.8	-18.8
Freq. (MHz)	1.0	1.0	36.5	36.8
Limit (dB)	54.4	54.4	23.2	23.1



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-36	12-78	12-36	12-78
ACR-N (dB)	-48.5	-48.8	-48.5	-6.8
Freq. (MHz)	1.1	1.5	1.1	95.5
Limit (dB)	57.0	57.0	57.0	7.0
Worst Pair	12	12	12	12
PS ACR-N (dB)	-48.9	-49.0	-48.9	-8.0
Freq. (MHz)	1.1	1.4	1.1	83.8
Limit (dB)	54.0	54.0	54.0	6.6



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	12	12	12	12
RL (dB)	-13.4 F	-14.7 F	-13.4	-14.7
Freq. (MHz)	1.0	1.0	1.0	1.0
Limit (dB)	17.0	17.0	17.0	17.0



Cable ID: D1-26

Test Summary: FAIL

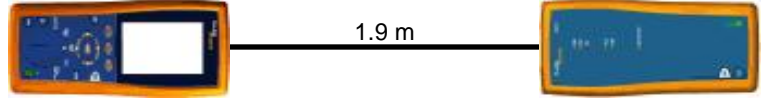
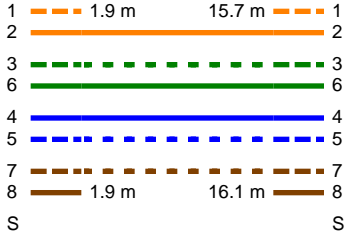
Date / Time: 07/09/2009 10:27:31am
 Headroom: **-42.3 dB (NEXT 12-78)**
 Test Limit: TIA Cat 6 Channel
 Cable Type: Cat 5e UTP

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

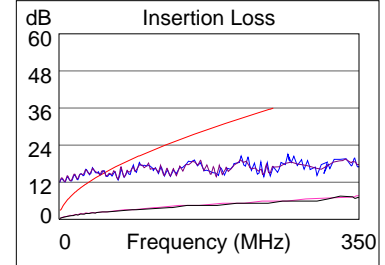
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

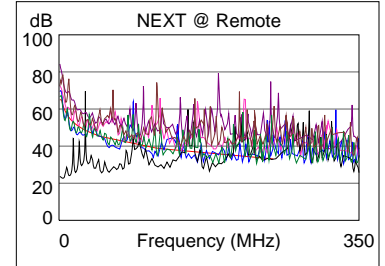
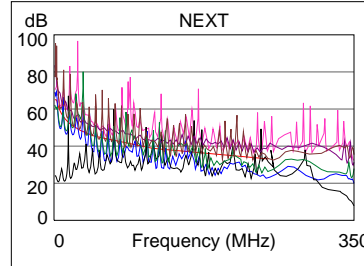
FAIL



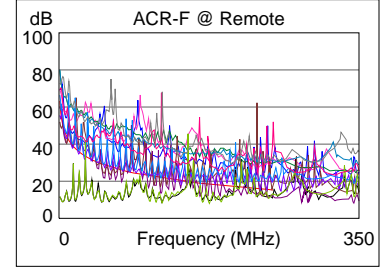
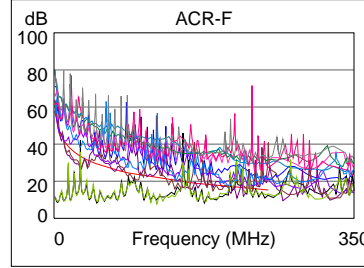
Length (m), Limit 100.0	[Pair 12]	1.9
Prop. Delay (ns), Limit 555		88
Delay Skew (ns), Limit 50		79 F
Resistance (ohms)	[Pair 12]	Open
Insertion Loss Margin (dB)	[Pair 78]	-10.1 F
Frequency (MHz)	[Pair 78]	2.6
Limit (dB)	[Pair 78]	3.3



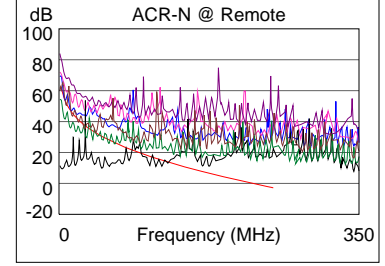
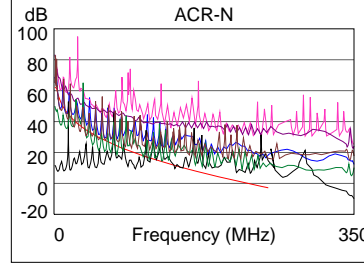
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	12-78	12-78	12-78	12-78
NEXT (dB)	-42.3 F	-42.0 F	-41.0	-39.9
Freq. (MHz)	3.0	2.9	4.8	4.3
Limit (dB)	65.0	65.0	61.8	62.6
Worst Pair	12	12	12	12
PS NEXT (dB)	-39.7 F	-39.1 F	-38.5	-37.4
Freq. (MHz)	3.3	3.1	4.8	4.3
Limit (dB)	62.0	62.0	59.3	60.1



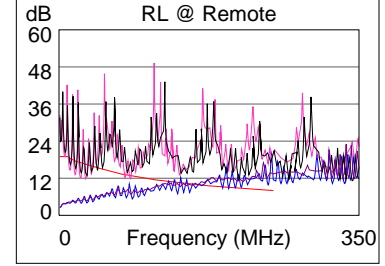
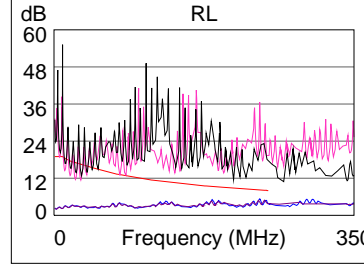
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	12-78	12-78	78-12	78-12
ACR-F (dB)	-51.7 F	-51.7 F	-14.0	-10.4
Freq. (MHz)	1.0	1.0	120.5	175.5
Limit (dB)	63.3	63.3	21.6	18.4
Worst Pair	78	12	12	78
PS ACR-F (dB)	-48.7 F	-48.7 F	-11.1	-11.0
Freq. (MHz)	1.0	1.0	120.5	120.5
Limit (dB)	60.3	60.3	18.6	18.6



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-78	12-78	12-78	12-78
ACR-N (dB)	-52.3	-52.0	4.5	-51.8
Freq. (MHz)	3.0	2.5	221.0	3.1
Limit (dB)	61.5	61.8	0.6	61.2
Worst Pair	78	78	12	78
PS ACR-N (dB)	-49.6	-49.0	5.0	-49.0
Freq. (MHz)	3.3	2.5	221.0	3.1
Limit (dB)	58.4	58.8	-2.3	58.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	12	12	12	12
RL (dB)	-17.0 F	-16.4 F	-17.0	-16.4
Freq. (MHz)	2.4	1.0	2.4	1.0
Limit (dB)	19.0	19.0	19.0	19.0





Cable ID: D1-25

Test Summary: PASS

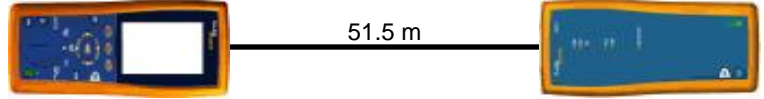
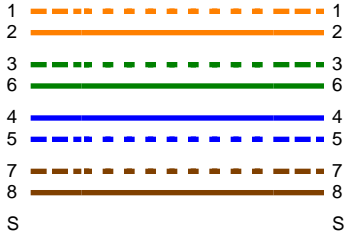
Date / Time: 08/20/2009 03:22:33pm
 Headroom: 5.8 dB (NEXT 36-45)
 Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

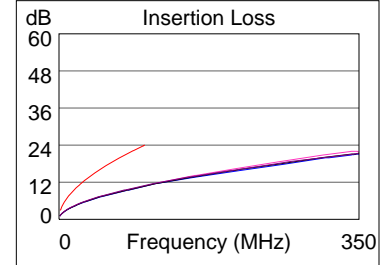
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

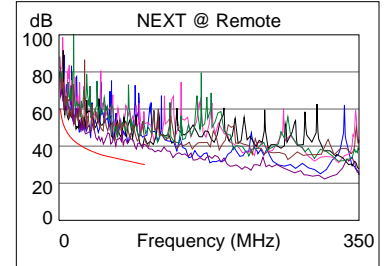
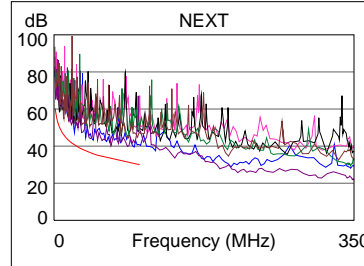
PASS



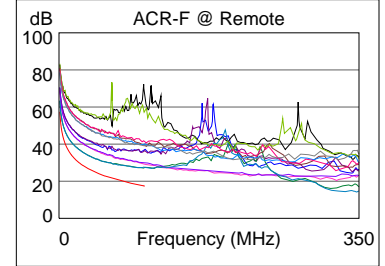
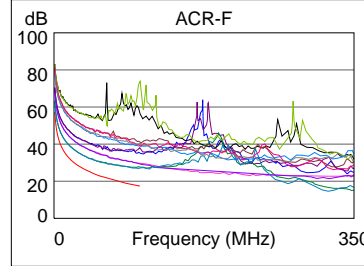
Length (m), Limit 100.0	[Pair 12]	51.5
Prop. Delay (ns), Limit 555		256
Delay Skew (ns), Limit 50		7
Resistance (ohms)	[Pair 12]	9.3
Insertion Loss Margin (dB)	[Pair 36]	13.1
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



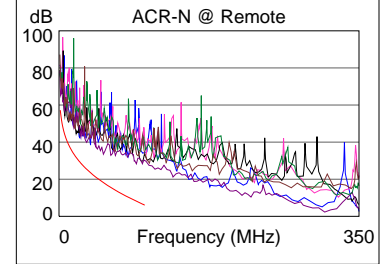
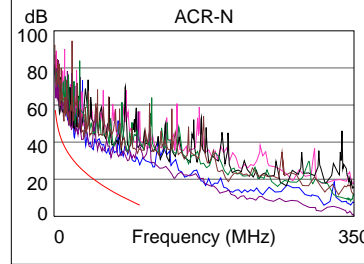
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	12-36	36-45
NEXT (dB)	6.5	5.8	8.6	7.5
Freq. (MHz)	51.3	51.3	100.0	90.0
Limit (dB)	35.1	35.1	30.1	30.9
Worst Pair	36	12	36	36
PS NEXT (dB)	7.5	7.8	9.1	9.8
Freq. (MHz)	41.0	24.3	85.8	96.8
Limit (dB)	33.7	37.6	28.2	27.3



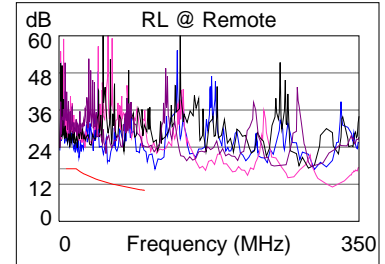
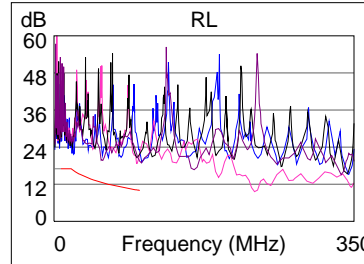
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	5.7	5.7	9.3	9.5
Freq. (MHz)	1.6	1.6	98.5	97.5
Limit (dB)	53.2	53.2	17.5	17.6
Worst Pair	45	45	45	45
PS ACR-F (dB)	7.6	7.6	10.4	10.2
Freq. (MHz)	1.6	1.6	94.8	98.0
Limit (dB)	50.2	50.2	14.9	14.6



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	36-45	12-36	36-45
ACR-N (dB)	8.4	9.2	21.7	21.2
Freq. (MHz)	2.0	2.0	100.0	96.8
Limit (dB)	55.3	55.3	6.1	6.7
Worst Pair	36	36	36	36
PS ACR-N (dB)	10.9	11.6	22.4	22.6
Freq. (MHz)	1.9	2.0	94.3	96.8
Limit (dB)	52.8	52.3	4.3	3.7



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	36	12
RL (dB)	4.5	3.9	8.3	6.7
Freq. (MHz)	23.3	23.5	96.5	56.5
Limit (dB)	16.3	16.3	10.2	12.5



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: D1-24

Test Summary: PASS

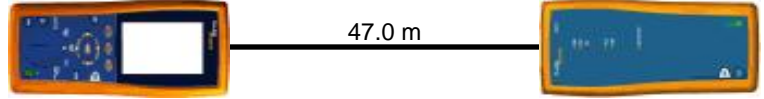
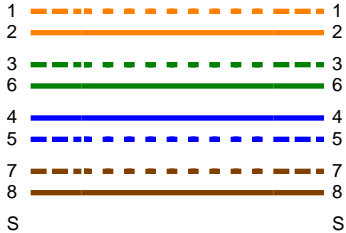
Date / Time: 08/20/2009 03:21:36pm
Headroom: 4.4 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

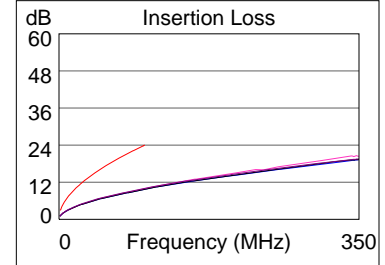
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

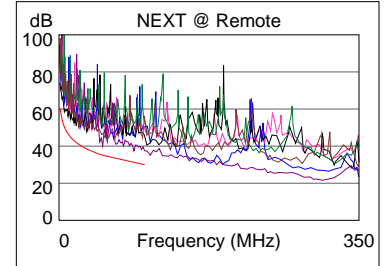
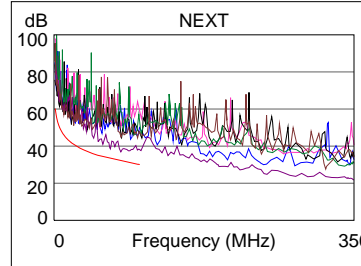
PASS



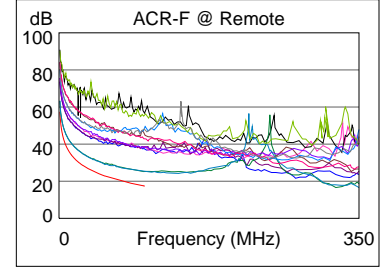
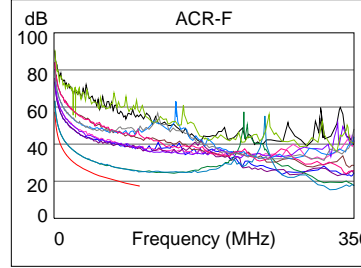
Length (m), Limit 100.0	[Pair 12]	47.0
Prop. Delay (ns), Limit 555		233
Delay Skew (ns), Limit 50		6
Resistance (ohms)	[Pair 12]	8.5
Insertion Loss Margin (dB)	[Pair 36]	14.0
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



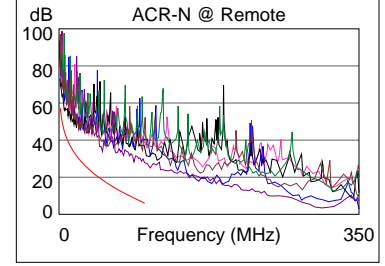
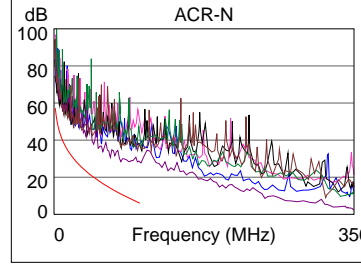
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	4.4	4.9	4.4	6.2
Freq. (MHz)	87.5	51.3	87.5	87.8
Limit (dB)	31.1	35.1	31.1	31.1
Worst Pair	45	45	45	36
PS NEXT (dB)	7.1	6.7	7.1	8.6
Freq. (MHz)	87.8	51.3	87.8	87.8
Limit (dB)	28.1	32.1	28.1	28.1



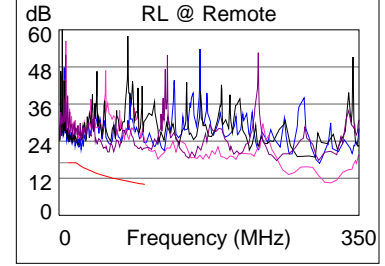
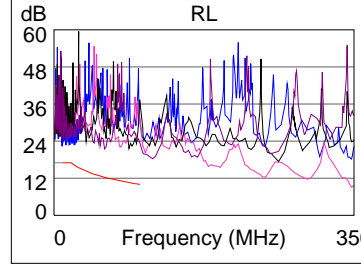
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	5.5	5.5	7.5	7.7
Freq. (MHz)	1.6	1.6	98.8	98.8
Limit (dB)	53.2	53.2	17.5	17.5
Worst Pair	36	45	36	45
PS ACR-F (dB)	8.1	8.2	10.3	10.3
Freq. (MHz)	1.6	1.6	98.8	98.8
Limit (dB)	50.2	50.2	14.5	14.5



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-78	12-78	36-45	36-45
ACR-N (dB)	13.7	11.3	17.6	21.7
Freq. (MHz)	5.9	6.0	87.5	99.5
Limit (dB)	45.4	45.2	8.8	6.2
Worst Pair	12	12	45	36
PS ACR-N (dB)	15.2	13.0	20.4	24.1
Freq. (MHz)	5.8	6.0	87.8	99.5
Limit (dB)	42.6	42.2	5.7	3.2



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	78	78
RL (dB)	5.2	5.1	9.1	7.7
Freq. (MHz)	18.6	23.5	58.8	56.3
Limit (dB)	17.0	16.3	12.3	12.5



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: D1-23

Test Summary: PASS

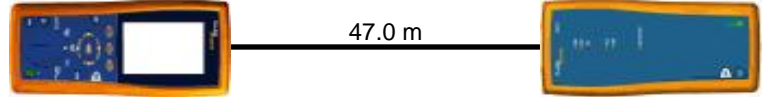
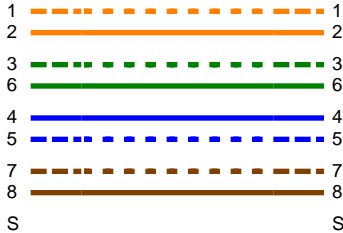
Date / Time: 08/20/2009 03:15:00pm
Headroom: 4.7 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

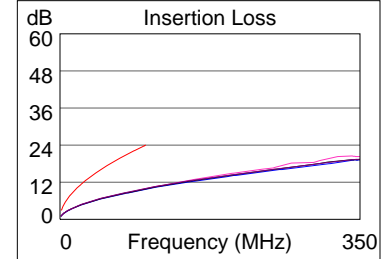
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

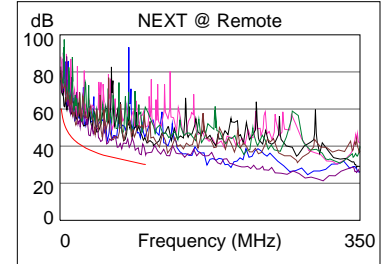
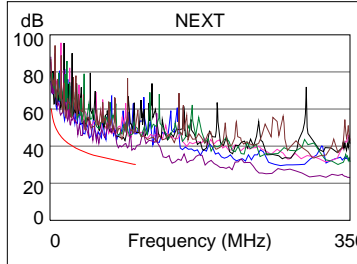
PASS



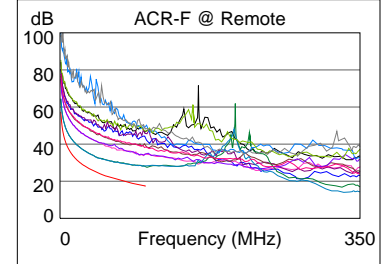
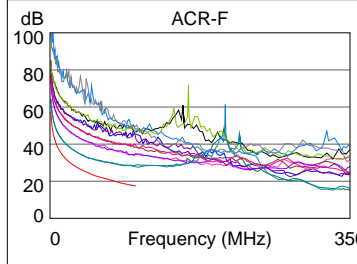
Length (m), Limit 100.0	[Pair 12]	47.0
Prop. Delay (ns), Limit 555		233
Delay Skew (ns), Limit 50		6
Resistance (ohms)	[Pair 12]	8.6
Insertion Loss Margin (dB)	[Pair 36]	14.1
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



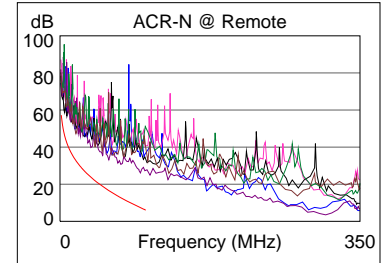
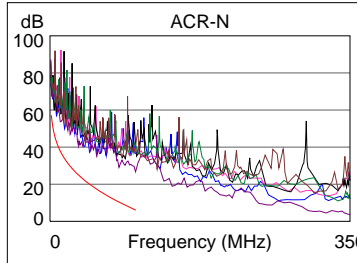
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	6.1	4.7	6.4	4.7
Freq. (MHz)	80.5	94.3	99.8	94.3
Limit (dB)	31.7	30.5	30.1	30.5
Worst Pair	36	36	36	36
PS NEXT (dB)	8.1	7.3	8.8	7.3
Freq. (MHz)	80.5	94.3	99.8	94.3
Limit (dB)	28.7	27.5	27.1	27.5



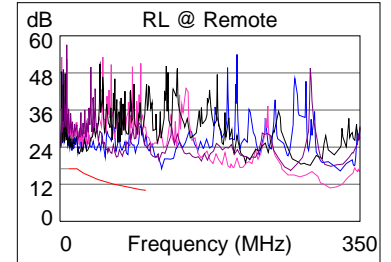
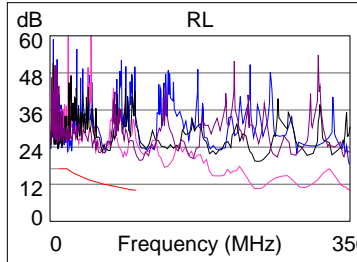
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	7.0	6.9	10.4	10.5
Freq. (MHz)	1.0	1.0	98.8	98.8
Limit (dB)	57.4	57.4	17.5	17.5
Worst Pair	45	45	45	45
PS ACR-F (dB)	9.6	9.6	12.5	12.3
Freq. (MHz)	1.5	1.0	96.5	96.0
Limit (dB)	50.9	54.4	14.7	14.8



	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)	12.2	11.5	20.6	19.3
Freq. (MHz)	2.1	2.1	99.8	99.8
Limit (dB)	54.8	54.8	6.1	6.1
Worst Pair	36	12	36	36
PS ACR-N (dB)	12.7	12.9	22.9	20.9
Freq. (MHz)	2.1	2.1	99.8	94.3
Limit (dB)	51.8	51.8	3.1	4.3



	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	12	12	78	12
RL (dB)	5.8	5.4	8.5	7.6
Freq. (MHz)	20.6	20.9	61.0	52.5
Limit (dB)	16.9	16.8	12.2	12.8



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: D1-22

Test Summary: PASS

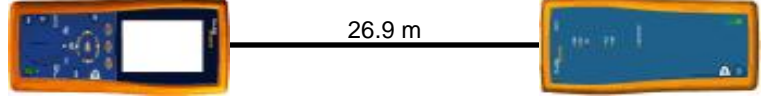
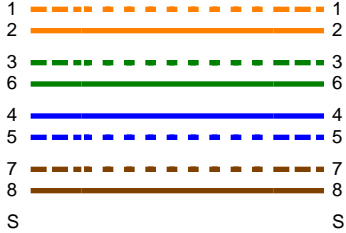
Date / Time: 08/20/2009 03:17:54pm
 Headroom: 2.0 dB (NEXT 36-45)
 Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

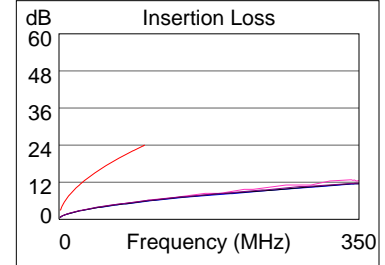
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

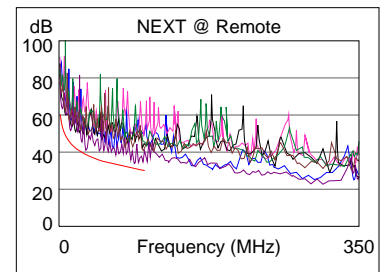
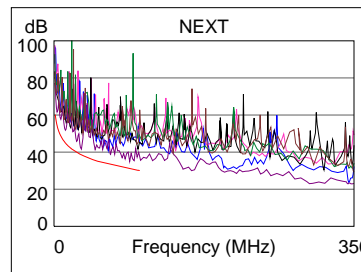
PASS



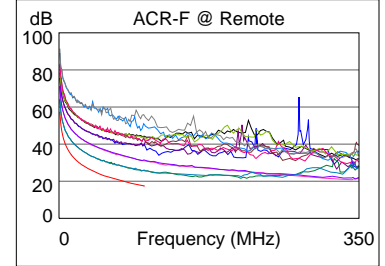
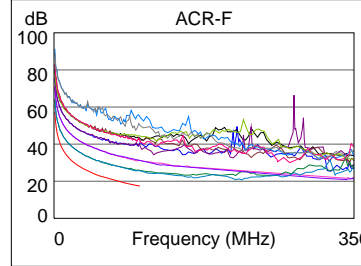
Length (m), Limit 100.0	[Pair 12]	26.9
Prop. Delay (ns), Limit 555		133
Delay Skew (ns), Limit 50		3
Resistance (ohms)	[Pair 12]	5.2
Insertion Loss Margin (dB)	[Pair 36]	18.0
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



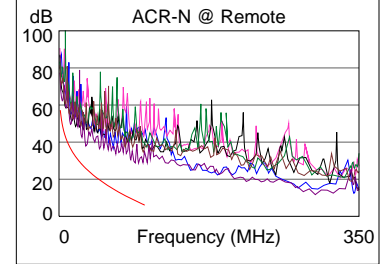
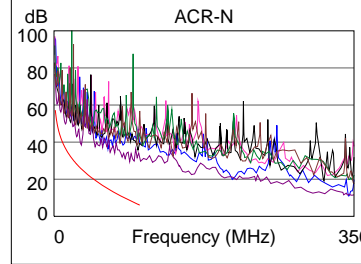
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	2.9	2.0	4.1	2.5
Freq. (MHz)	31.5	31.8	92.8	88.3
Limit (dB)	38.6	38.6	30.6	31.0
Worst Pair	36	36	36	45
PS NEXT (dB)	5.5	4.5	6.9	5.3
Freq. (MHz)	31.8	31.8	92.8	88.0
Limit (dB)	35.6	35.6	27.6	28.0



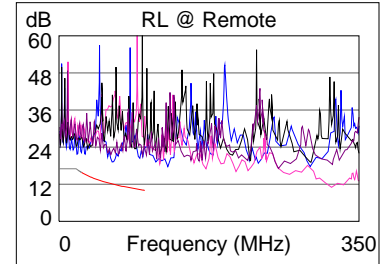
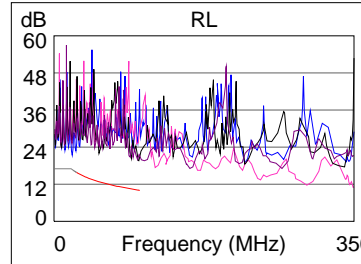
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	45-36	45-36	36-45
ACR-F (dB)	6.5	6.5	7.6	7.7
Freq. (MHz)	1.0	1.0	96.5	95.8
Limit (dB)	57.4	57.4	17.7	17.8
Worst Pair	45	45	45	45
PS ACR-F (dB)	8.8	8.9	10.0	9.6
Freq. (MHz)	1.0	1.1	96.3	95.8
Limit (dB)	54.4	53.4	14.7	14.8



	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	11.7	21.5	19.4
Freq. (MHz)	3.1	2.6	92.8	88.3
Limit (dB)	51.4	52.9	7.6	8.6
Worst Pair	45	45	36	45
PS ACR-N (dB)	12.6	13.7	24.2	24.0
Freq. (MHz)	3.1	2.6	92.8	97.5
Limit (dB)	48.4	49.9	4.6	3.6



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	45	12
RL (dB)	8.6	6.4	9.3	7.1
Freq. (MHz)	29.8	30.1	98.5	61.3
Limit (dB)	15.3	15.2	10.1	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: D1-21

Test Summary: PASS

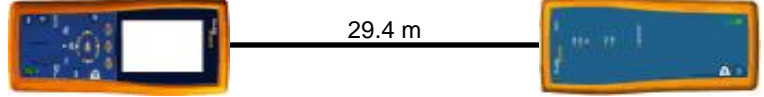
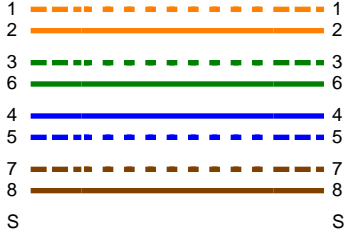
Date / Time: 08/20/2009 12:37:49pm
 Headroom: 4.1 dB (NEXT 36-45)
 Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

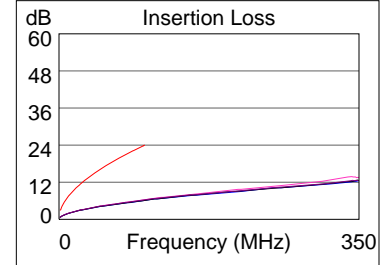
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

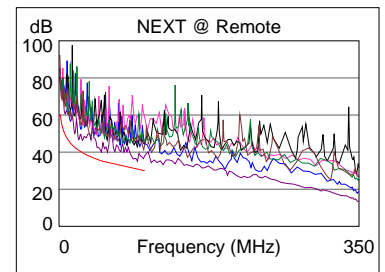
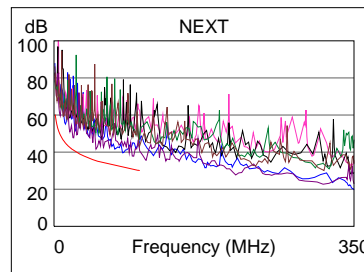
PASS



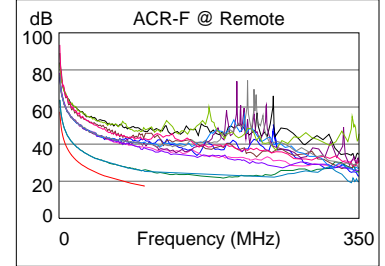
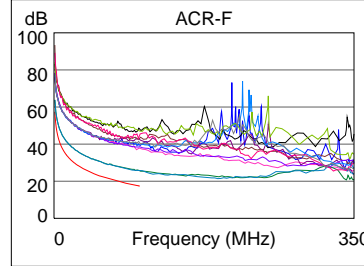
Length (m), Limit 100.0	[Pair 12]	29.4
Prop. Delay (ns), Limit 555		145
Delay Skew (ns), Limit 50		3
Resistance (ohms)	[Pair 12]	5.5
Insertion Loss Margin (dB)	[Pair 36]	17.6
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



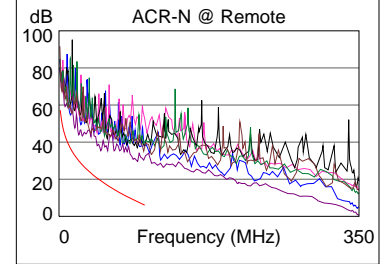
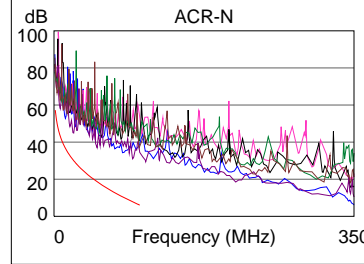
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	5.4	4.1	5.9	4.1
Freq. (MHz)	49.5	49.0	92.0	91.0
Limit (dB)	35.3	35.4	30.7	30.8
Worst Pair	36	36	36	36
PS NEXT (dB)	7.9	6.4	8.2	6.5
Freq. (MHz)	49.5	48.8	92.0	90.8
Limit (dB)	32.3	32.4	27.7	27.8



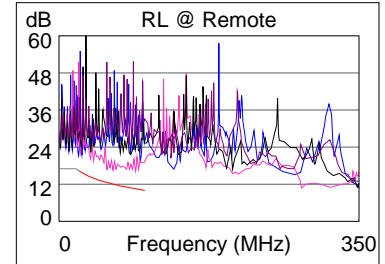
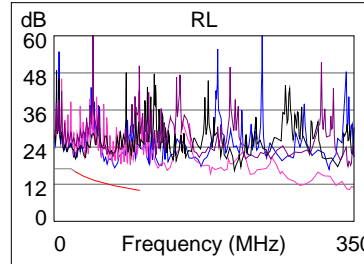
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	45-36	45-36
ACR-F (dB)	6.4	6.4	7.6	7.8
Freq. (MHz)	1.0	1.1	95.5	100.0
Limit (dB)	57.4	56.4	17.8	17.4
Worst Pair	45	45	36	45
PS ACR-F (dB)	9.0	9.0	10.4	10.3
Freq. (MHz)	1.3	1.1	96.0	95.5
Limit (dB)	52.5	53.4	14.8	14.8



	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)	14.2	13.8	23.0	21.1
Freq. (MHz)	6.8	22.8	92.0	91.0
Limit (dB)	44.0	30.2	7.8	8.0
Worst Pair	45	45	36	36
PS ACR-N (dB)	15.8	16.0	25.0	23.3
Freq. (MHz)	6.8	2.6	92.0	90.8
Limit (dB)	41.0	49.9	4.8	5.0



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45	36	12	36
RL (dB)	4.2	4.2	5.3	5.0
Freq. (MHz)	25.1	56.0	70.0	78.0
Limit (dB)	16.0	12.5	11.6	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: D1-20

Test Summary: PASS

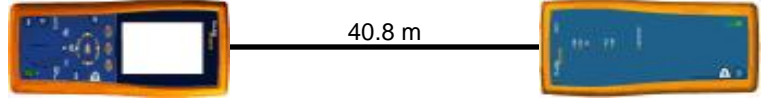
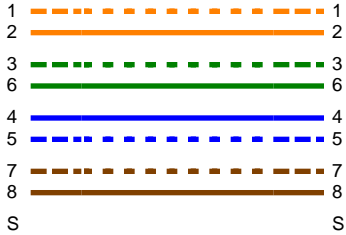
Date / Time: 08/27/2009 12:11:02pm
 Headroom: 5.3 dB (NEXT 12-36)
 Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

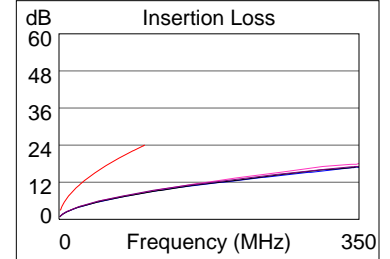
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

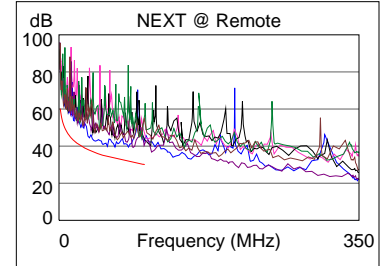
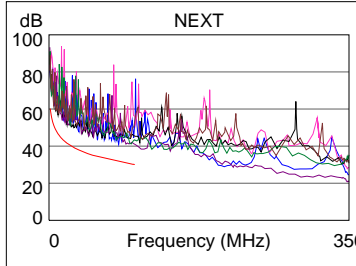
PASS



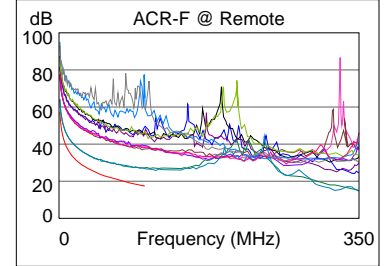
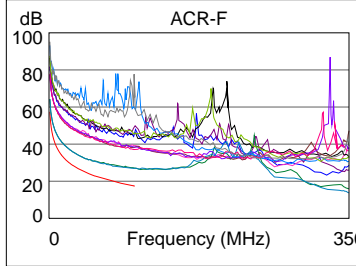
Length (m), Limit 100.0	[Pair 12]	40.8
Prop. Delay (ns), Limit 555		201
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 78]	7.7
Insertion Loss Margin (dB)	[Pair 36]	15.2
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



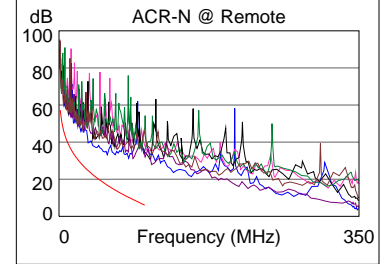
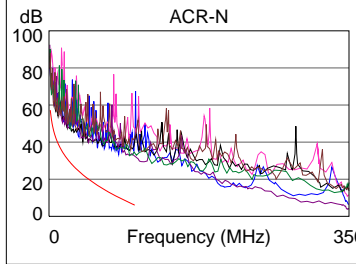
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-78	12-36	36-45	12-36
NEXT (dB)	8.5	5.3	9.9	7.2
Freq. (MHz)	39.5	56.3	99.8	81.5
Limit (dB)	37.0	34.4	30.1	31.6
Worst Pair	36	12	36	45
PS NEXT (dB)	9.7	7.3	9.7	9.3
Freq. (MHz)	93.5	40.0	93.5	86.3
Limit (dB)	27.6	33.9	27.6	28.2



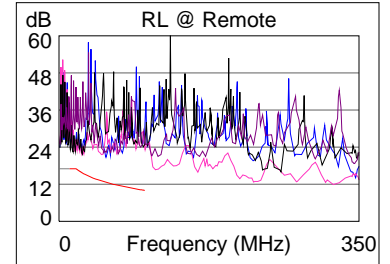
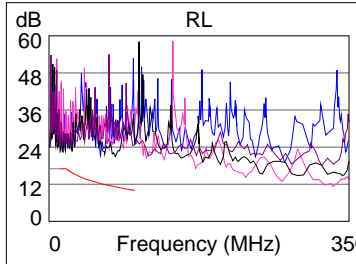
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	45-36	45-36
ACR-F (dB)	6.5	6.5	8.9	9.2
Freq. (MHz)	2.1	2.1	95.5	99.0
Limit (dB)	50.9	50.9	17.8	17.5
Worst Pair	36	36	36	45
PS ACR-F (dB)	9.2	9.2	11.4	11.6
Freq. (MHz)	2.1	2.1	94.8	94.8
Limit (dB)	47.9	47.9	14.9	14.9



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-78	45-78	36-45	36-45
ACR-N (dB)	13.2	13.5	25.4	24.8
Freq. (MHz)	2.8	5.3	99.8	99.8
Limit (dB)	52.5	46.5	6.1	6.1
Worst Pair	36	36	36	36
PS ACR-N (dB)	13.2	14.3	25.6	25.8
Freq. (MHz)	2.5	2.5	99.5	99.8
Limit (dB)	50.4	50.4	3.2	3.1



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45	45	45	12
RL (dB)	4.6	4.8	9.5	8.1
Freq. (MHz)	16.0	16.1	76.5	54.8
Limit (dB)	17.0	17.0	11.2	12.6



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



Cable ID: D1-19

Test Summary: PASS

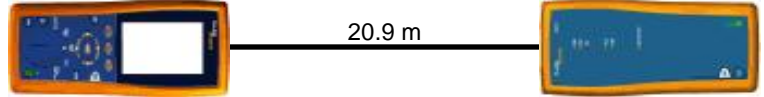
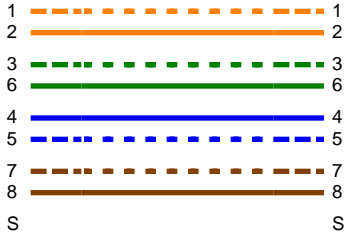
Date / Time: 08/27/2009 12:06:47pm
Headroom: 6.0 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

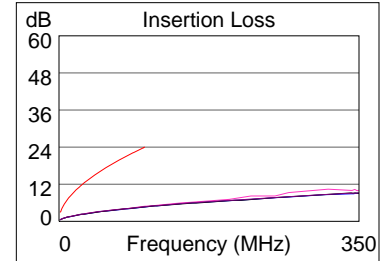
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

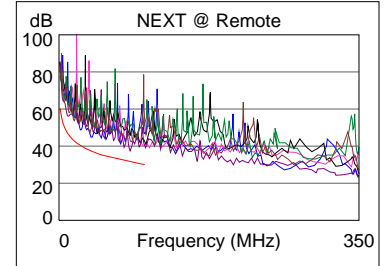
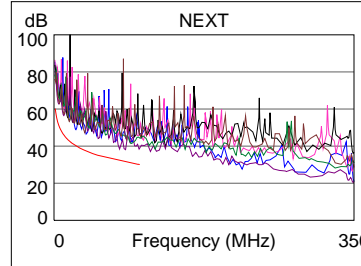
PASS



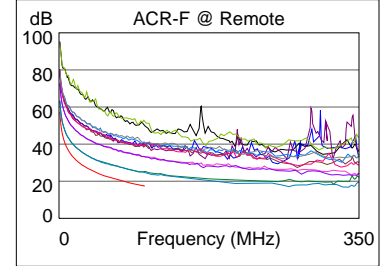
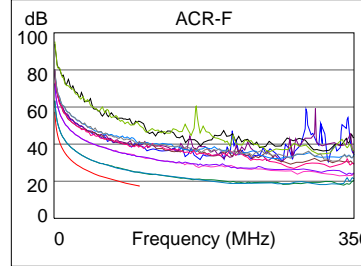
Length (m), Limit 100.0	[Pair 12]	20.9
Prop. Delay (ns), Limit 555		104
Delay Skew (ns), Limit 50		3
Resistance (ohms)	[Pair 12]	4.3
Insertion Loss Margin (dB)	[Pair 36]	19.2
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



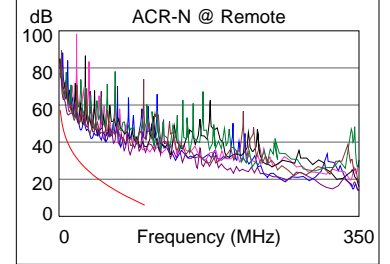
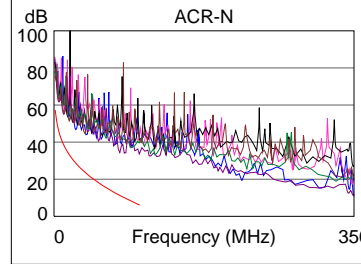
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	6.2	6.0	6.2	6.0
Freq. (MHz)	82.8	82.8	82.8	82.8
Limit (dB)	31.5	31.5	31.5	31.5
Worst Pair	36	45	36	45
PS NEXT (dB)	8.0	7.5	8.0	7.5
Freq. (MHz)	82.8	83.3	82.8	83.3
Limit (dB)	28.5	28.5	28.5	28.5



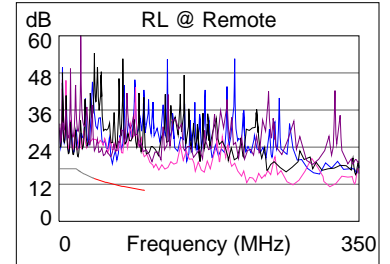
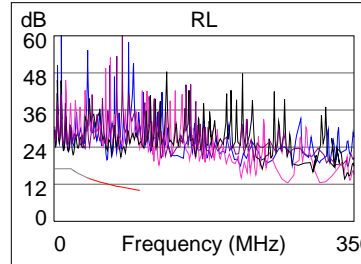
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	6.0	6.0	6.7	6.5
Freq. (MHz)	1.0	1.0	99.8	99.8
Limit (dB)	57.4	57.4	17.4	17.4
Worst Pair	45	45	45	36
PS ACR-F (dB)	8.4	8.5	9.1	9.5
Freq. (MHz)	1.0	1.0	99.8	99.8
Limit (dB)	54.4	54.4	14.4	14.4



	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)	15.0	15.0	27.3	23.5
Freq. (MHz)	4.8	9.8	99.8	82.8
Limit (dB)	47.5	40.2	6.1	9.8
Worst Pair	45	45	36	45
PS ACR-N (dB)	15.9	16.2	28.6	25.1
Freq. (MHz)	5.1	5.0	100.0	83.3
Limit (dB)	43.7	44.0	3.1	6.7



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	12	12
RL (dB)	7.8	6.5	7.8	6.5
Freq. (MHz)	61.8	62.3	61.8	62.3
Limit (dB)	12.1	12.1	12.1	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: D1-18

Test Summary: PASS

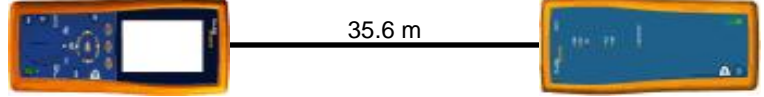
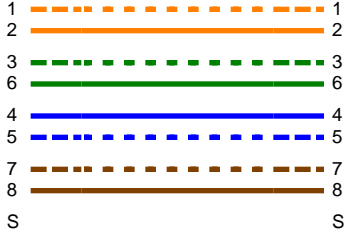
Date / Time: 08/20/2009 12:24:01pm
 Headroom: 3.6 dB (NEXT 36-45)
 Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

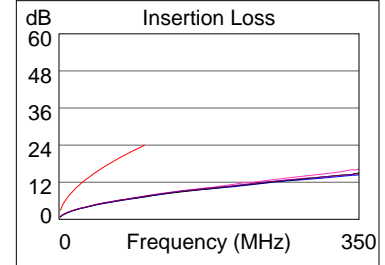
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

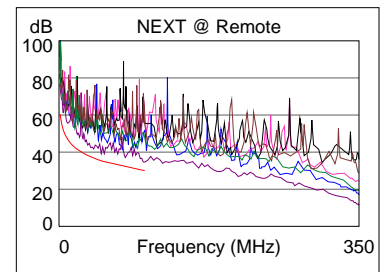
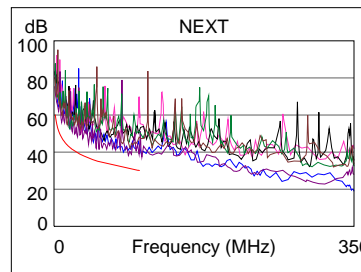
PASS



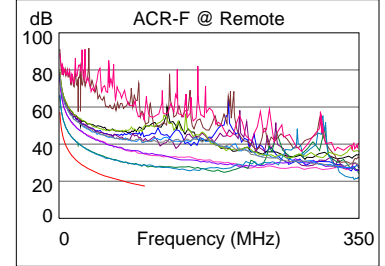
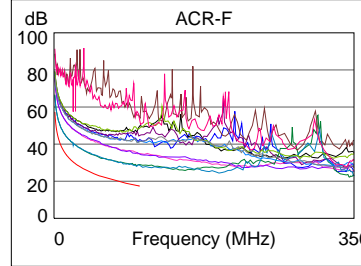
Length (m), Limit 100.0	[Pair 12]	35.6
Prop. Delay (ns), Limit 555		176
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	6.5
Insertion Loss Margin (dB)	[Pair 36]	16.5
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



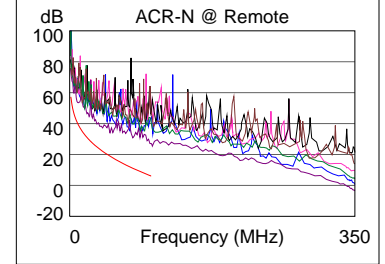
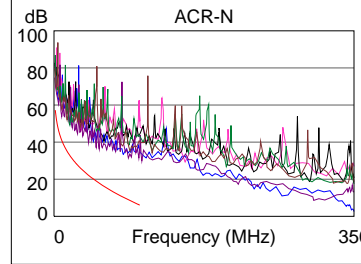
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	6.6	3.6	7.1	4.0
Freq. (MHz)	49.3	39.8	86.8	98.8
Limit (dB)	35.4	36.9	31.1	30.2
Worst Pair	36	36	36	36
PS NEXT (dB)	7.4	5.8	7.4	6.7
Freq. (MHz)	86.8	49.3	86.8	99.0
Limit (dB)	28.1	32.4	28.1	27.2



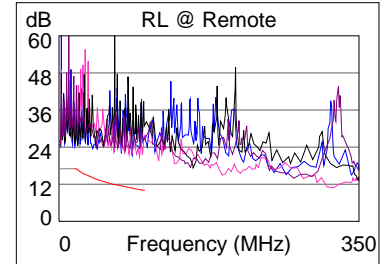
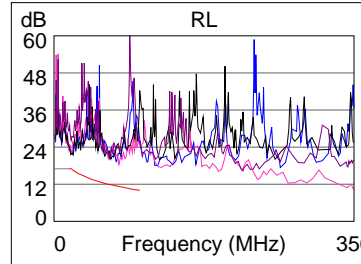
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	8.8	8.8	10.2	10.4
Freq. (MHz)	1.0	1.0	96.8	96.3
Limit (dB)	57.4	57.4	17.7	17.7
Worst Pair	45	45	45	45
PS ACR-F (dB)	11.3	10.8	12.6	12.3
Freq. (MHz)	1.9	22.4	96.8	96.3
Limit (dB)	48.9	27.4	14.7	14.7



	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)	12.7	12.3	22.5	20.6
Freq. (MHz)	8.9	4.8	86.8	98.8
Limit (dB)	41.2	47.5	8.9	6.3
Worst Pair	45	36	36	36
PS ACR-N (dB)	14.3	13.4	22.7	23.1
Freq. (MHz)	8.9	4.8	86.8	99.0
Limit (dB)	38.2	44.5	5.9	3.3



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45	12	36	36
RL (dB)	4.5	7.2	7.1	9.4
Freq. (MHz)	19.8	18.8	76.0	75.8
Limit (dB)	17.0	17.0	11.2	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: D1-17

Test Summary: PASS

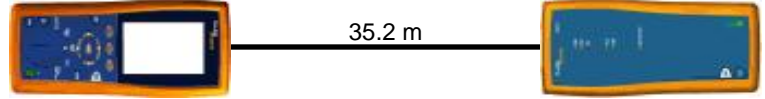
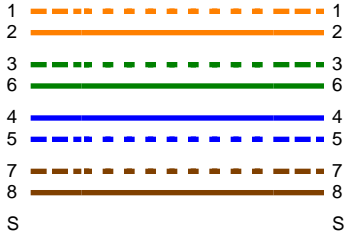
Date / Time: 08/20/2009 02:54:49pm
Headroom: 4.2 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

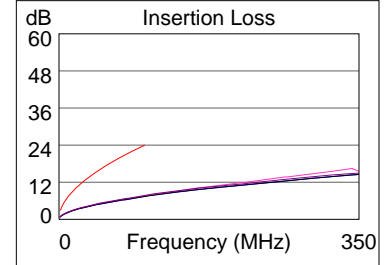
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

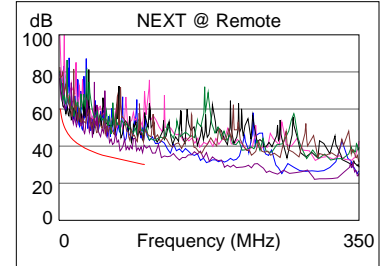
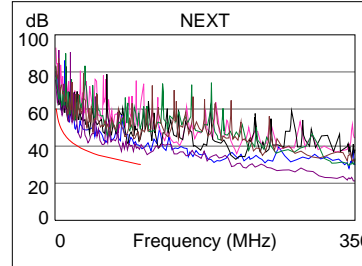
PASS



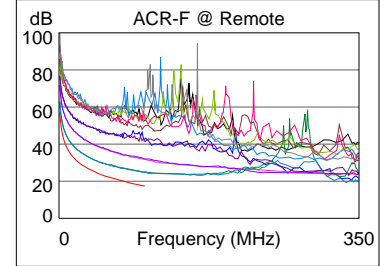
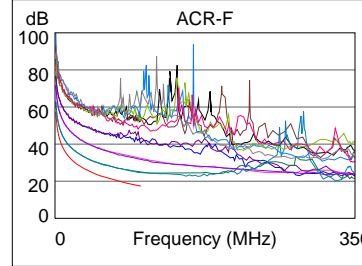
Length (m), Limit 100.0	[Pair 12]	35.2
Prop. Delay (ns), Limit 555		174
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	6.6
Insertion Loss Margin (dB)	[Pair 78]	16.3
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



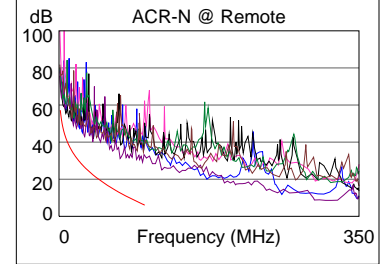
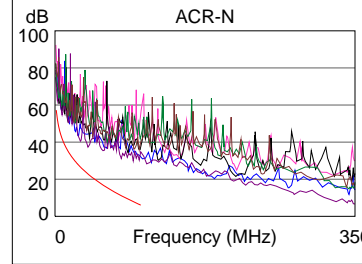
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	4.5	4.2	6.1	6.1
Freq. (MHz)	39.0	71.8	91.0	97.8
Limit (dB)	37.1	32.6	30.8	30.2
Worst Pair	36	36	36	45
PS NEXT (dB)	7.0	6.9	8.3	8.1
Freq. (MHz)	27.3	71.8	97.8	98.0
Limit (dB)	36.7	29.6	27.2	27.2



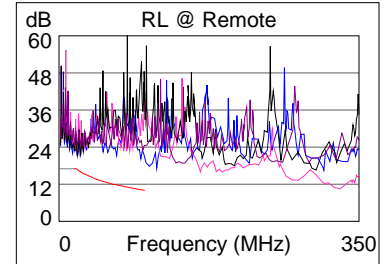
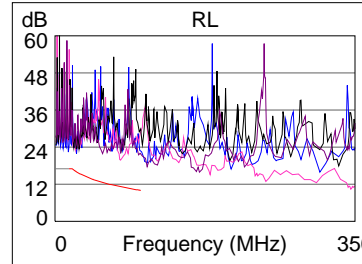
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	45-36	45-36
ACR-F (dB)	5.3	5.3	7.0	7.1
Freq. (MHz)	2.0	2.1	97.5	97.5
Limit (dB)	51.4	50.9	17.6	17.6
Worst Pair	45	45	45	45
PS ACR-F (dB)	7.8	7.8	9.5	9.3
Freq. (MHz)	2.0	2.1	98.0	97.5
Limit (dB)	48.4	47.9	14.6	14.6



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	9.6	10.9	23.2	22.5
Freq. (MHz)	2.3	2.4	97.8	97.8
Limit (dB)	54.3	53.8	6.5	6.5
Worst Pair	36	36	36	45
PS ACR-N (dB)	12.0	13.1	24.5	24.5
Freq. (MHz)	2.3	2.0	97.8	98.0
Limit (dB)	51.3	52.3	3.5	3.5



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	36	12
RL (dB)	5.8	4.3	8.3	10.0
Freq. (MHz)	24.9	21.6	76.0	95.5
Limit (dB)	16.1	16.7	11.2	10.2



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



Cable ID: D1-16

Test Summary: PASS

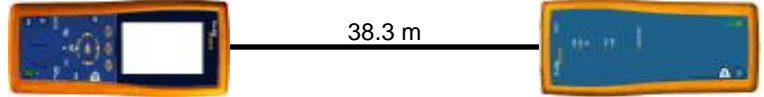
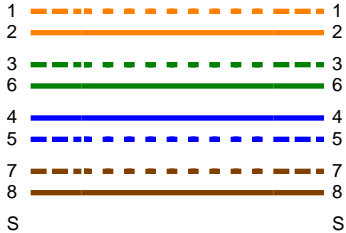
Date / Time: 08/20/2009 02:56:52pm
Headroom: 3.9 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

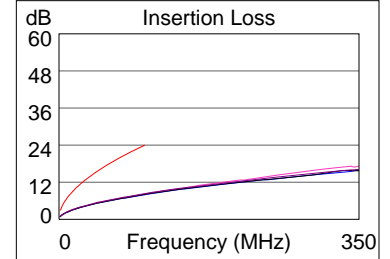
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

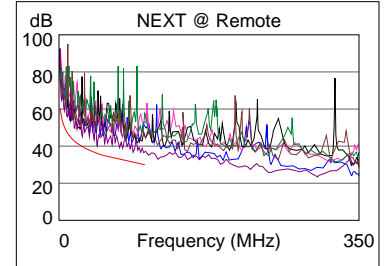
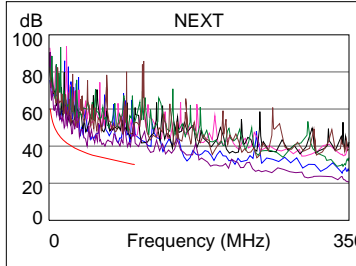
PASS



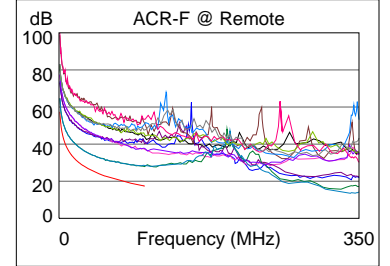
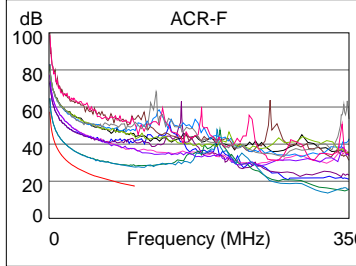
Length (m), Limit 100.0	[Pair 12]	38.3
Prop. Delay (ns), Limit 555		190
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 12]	7.1
Insertion Loss Margin (dB)	[Pair 36]	15.7
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



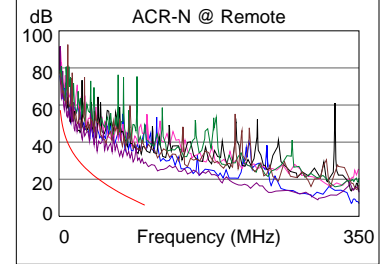
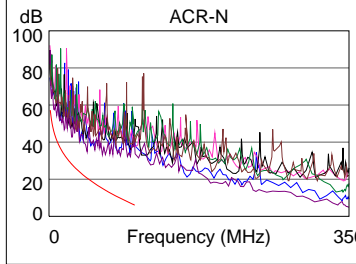
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	4.0	3.9	5.6	6.1
Freq. (MHz)	44.5	44.8	62.5	98.3
Limit (dB)	36.1	36.1	33.6	30.2
Worst Pair	36	36	36	45
PS NEXT (dB)	6.5	6.5	9.2	7.4
Freq. (MHz)	44.8	44.8	80.3	86.5
Limit (dB)	33.1	33.1	28.7	28.2



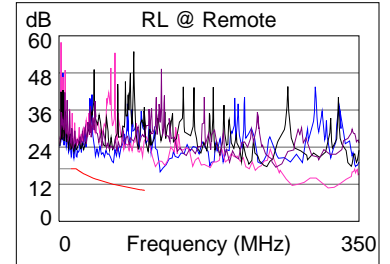
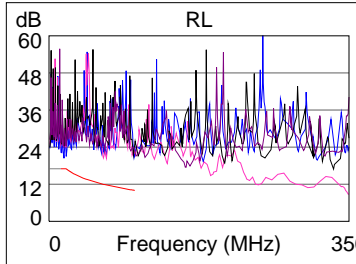
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	45-36	45-36	36-45
ACR-F (dB)	7.0	7.0	10.2	10.4
Freq. (MHz)	2.1	2.1	100.0	98.8
Limit (dB)	50.9	50.9	17.4	17.5
Worst Pair	36	36	36	45
PS ACR-F (dB)	9.7	9.6	13.0	12.7
Freq. (MHz)	1.0	2.1	100.0	100.0
Limit (dB)	54.4	47.9	14.4	14.4



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	10.9	11.0	23.8	22.0
Freq. (MHz)	2.8	2.8	92.0	98.3
Limit (dB)	52.5	52.5	7.8	6.4
Worst Pair	36	36	36	36
PS ACR-N (dB)	13.2	13.3	25.8	23.6
Freq. (MHz)	2.4	2.5	94.8	95.0
Limit (dB)	50.8	50.4	4.2	4.1



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	36	12
RL (dB)	3.3	3.4	9.8	6.6
Freq. (MHz)	17.3	17.4	97.8	61.0
Limit (dB)	17.0	17.0	10.1	12.2



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: D1-15

Test Summary: PASS

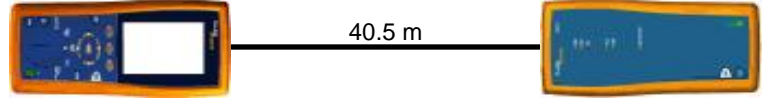
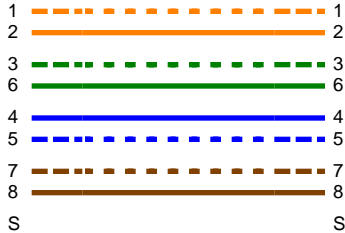
Date / Time: 08/20/2009 02:58:23pm
Headroom: 4.4 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

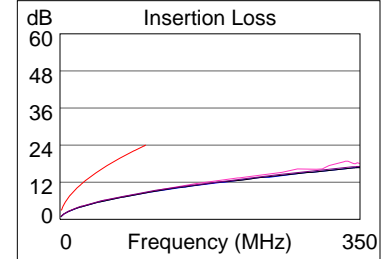
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

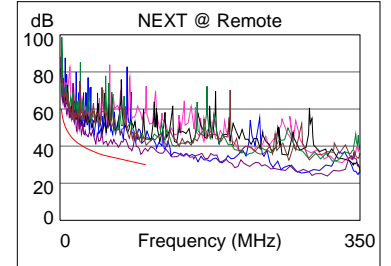
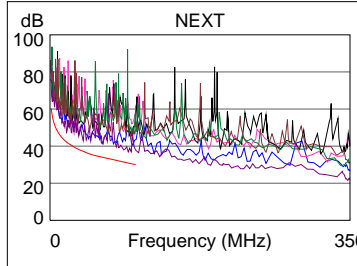
PASS



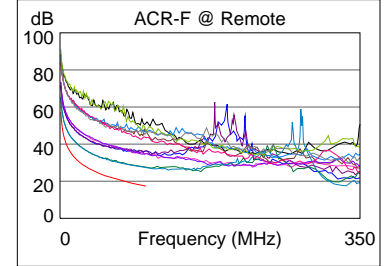
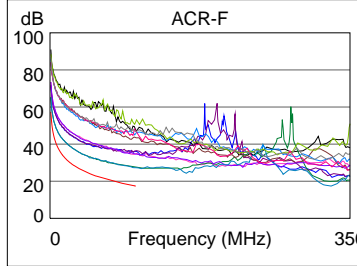
Length (m), Limit 100.0	[Pair 12]	40.5
Prop. Delay (ns), Limit 555		201
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 12]	7.6
Insertion Loss Margin (dB)	[Pair 78]	15.2
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



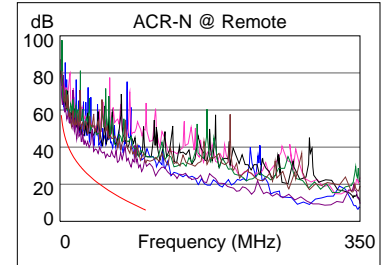
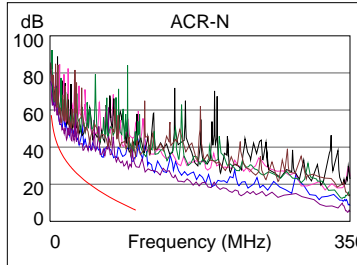
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	5.1	4.4	5.6	4.4
Freq. (MHz)	19.5	94.8	91.8	94.8
Limit (dB)	42.2	30.5	30.7	30.5
Worst Pair	36	45	36	45
PS NEXT (dB)	7.2	6.5	8.2	6.5
Freq. (MHz)	19.5	94.8	94.8	94.8
Limit (dB)	39.2	27.5	27.5	27.5



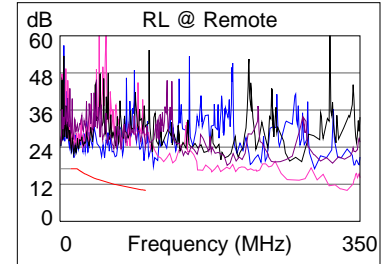
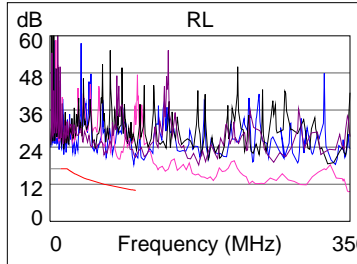
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	45-36	36-45
ACR-F (dB)	7.5	7.5	9.6	9.8
Freq. (MHz)	2.1	2.1	98.8	98.3
Limit (dB)	50.9	50.9	17.5	17.6
Worst Pair	36	36	36	45
PS ACR-F (dB)	9.7	9.7	12.1	11.8
Freq. (MHz)	2.1	2.1	98.8	98.8
Limit (dB)	47.9	47.9	14.5	14.5



	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)	8.9	9.6	20.4	19.5
Freq. (MHz)	2.3	2.3	91.8	94.8
Limit (dB)	54.3	54.3	7.8	7.2
Worst Pair	45	45	36	36
PS ACR-N (dB)	11.4	12.1	23.1	21.5
Freq. (MHz)	2.3	2.3	94.8	95.0
Limit (dB)	51.3	51.3	4.2	4.1



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	12	12
RL (dB)	4.5	3.5	8.1	7.7
Freq. (MHz)	16.3	16.1	98.0	65.0
Limit (dB)	17.0	17.0	10.1	11.9



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

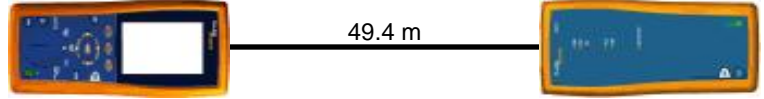
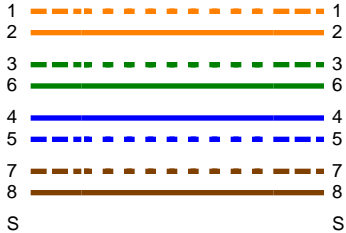
Date / Time: 08/20/2009 03:03:38pm
Headroom: 4.0 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

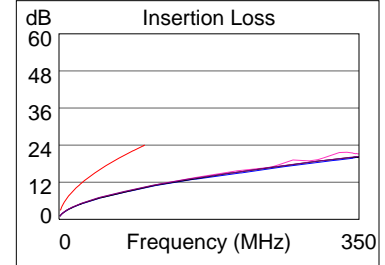
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

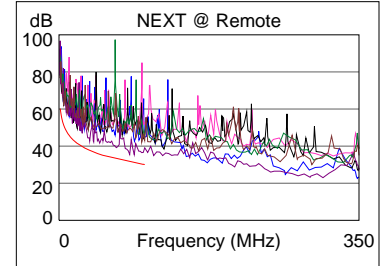
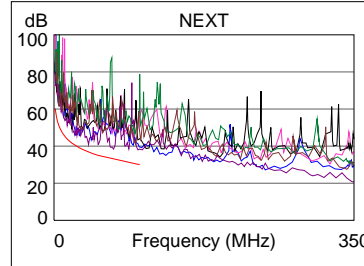
PASS



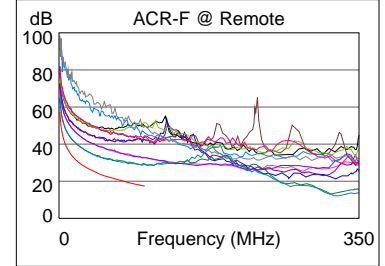
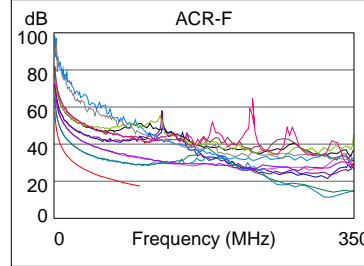
Length (m), Limit 100.0	[Pair 12]	49.4
Prop. Delay (ns), Limit 555		245
Delay Skew (ns), Limit 50		6
Resistance (ohms)	[Pair 12]	8.9
Insertion Loss Margin (dB)	[Pair 36]	13.6
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



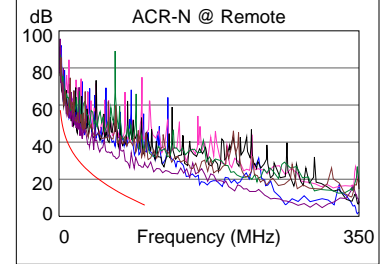
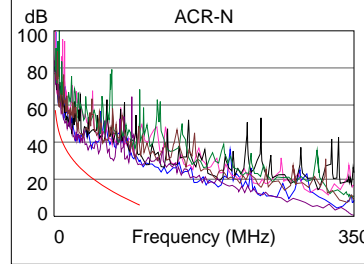
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	4.0	4.0	6.5	4.3
Freq. (MHz)	40.3	82.5	98.8	87.8
Limit (dB)	36.8	31.5	30.2	31.1
Worst Pair	36	36	36	36
PS NEXT (dB)	6.3	6.5	7.9	6.5
Freq. (MHz)	24.6	87.8	98.8	87.8
Limit (dB)	37.5	28.1	27.2	28.1



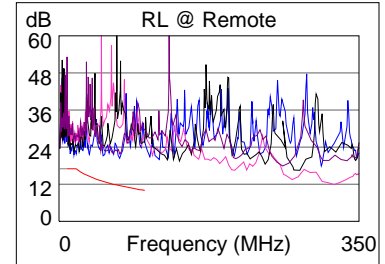
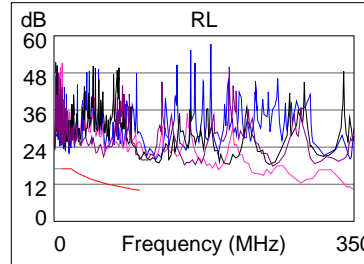
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	45-36	45-36
ACR-F (dB)	7.0	7.0	10.8	10.9
Freq. (MHz)	1.0	1.0	94.0	95.3
Limit (dB)	57.4	57.4	17.9	17.8
Worst Pair	36	45	45	45
PS ACR-F (dB)	9.3	9.2	12.4	12.5
Freq. (MHz)	1.0	1.0	95.3	94.0
Limit (dB)	54.4	54.4	14.8	14.9



	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)	11.8	12.9	20.3	19.5
Freq. (MHz)	25.4	35.8	98.8	98.8
Limit (dB)	28.7	23.9	6.3	6.3
Worst Pair	36	78	36	36
PS ACR-N (dB)	12.7	13.4	21.5	19.3
Freq. (MHz)	24.9	5.4	98.8	87.8
Limit (dB)	26.0	43.3	3.3	5.7



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	45	12
RL (dB)	5.1	4.4	10.0	8.5
Freq. (MHz)	17.5	17.6	99.8	70.3
Limit (dB)	17.0	17.0	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: D1-13

Test Summary: PASS

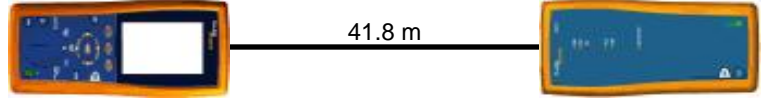
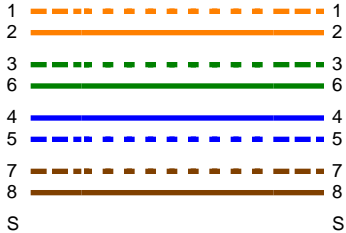
Date / Time: 08/20/2009 12:27:35pm
Headroom: 5.0 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

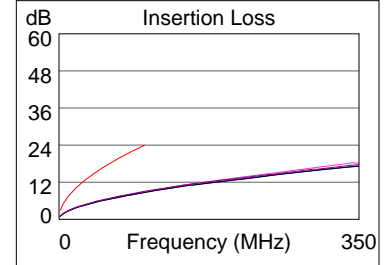
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

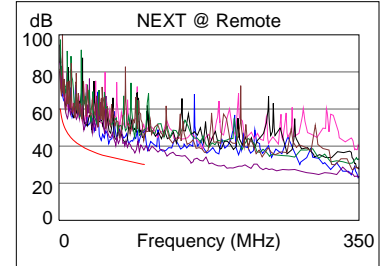
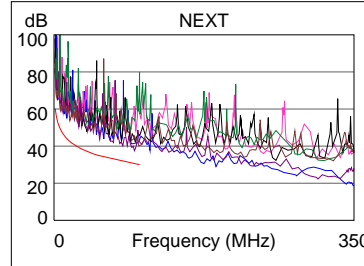
PASS



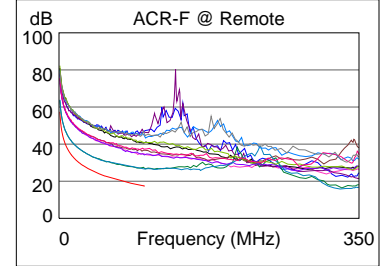
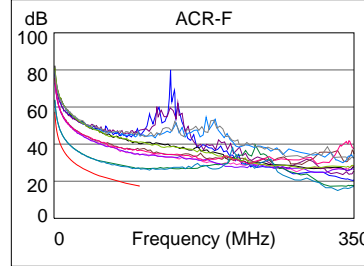
Length (m), Limit 100.0	[Pair 12]	41.8
Prop. Delay (ns), Limit 555		208
Delay Skew (ns), Limit 50		6
Resistance (ohms)	[Pair 12]	8.0
Insertion Loss Margin (dB)	[Pair 36]	15.0
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



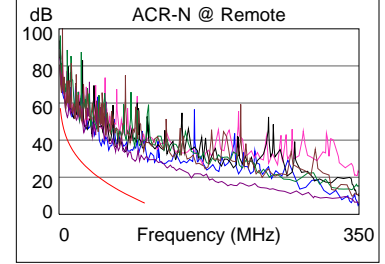
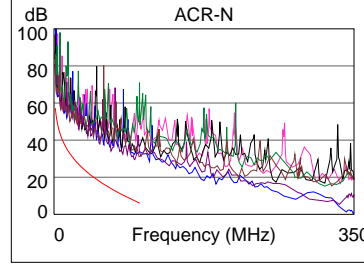
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	6.9	5.0	6.9	5.0
Freq. (MHz)	93.8	87.8	93.8	88.0
Limit (dB)	30.6	31.1	30.6	31.0
Worst Pair	36	36	36	36
PS NEXT (dB)	8.3	7.0	8.3	7.0
Freq. (MHz)	93.5	87.8	93.5	88.0
Limit (dB)	27.6	28.1	27.6	28.0



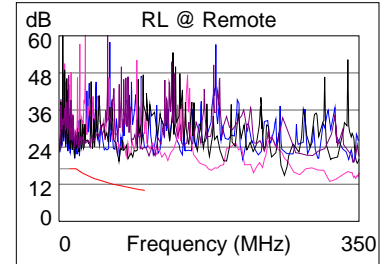
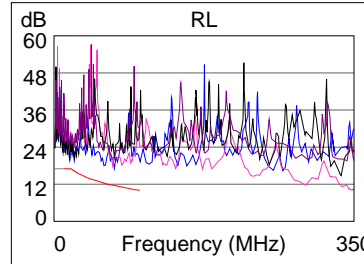
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	45-36	45-36
ACR-F (dB)	6.2	6.2	9.1	9.2
Freq. (MHz)	1.0	1.0	100.0	100.0
Limit (dB)	57.4	57.4	17.4	17.4
Worst Pair	36	45	45	45
PS ACR-F (dB)	8.8	8.6	11.6	11.4
Freq. (MHz)	1.0	1.0	100.0	100.0
Limit (dB)	54.4	54.4	14.4	14.4



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	45-78	36-45	36-45	36-45
ACR-N (dB)	12.2	12.1	21.7	19.2
Freq. (MHz)	2.5	9.8	93.8	88.3
Limit (dB)	53.4	40.2	7.4	8.6
Worst Pair	45	45	36	36
PS ACR-N (dB)	13.2	13.0	22.9	21.1
Freq. (MHz)	2.5	2.5	93.5	88.0
Limit (dB)	50.4	50.4	4.4	5.6



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	12	45
RL (dB)	3.0	3.2	5.5	7.7
Freq. (MHz)	18.3	18.3	70.8	70.3
Limit (dB)	17.0	17.0	11.5	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: D1-12

Test Summary: PASS

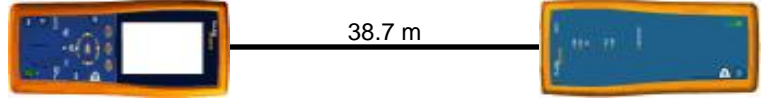
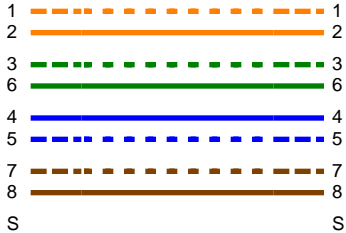
Date / Time: 08/20/2009 03:07:49pm
Headroom: 4.0 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

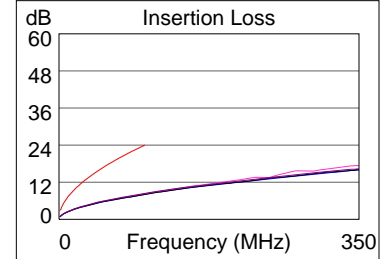
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

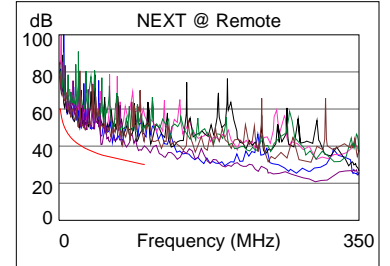
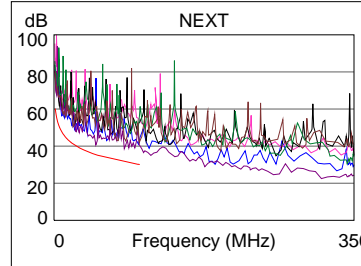
PASS



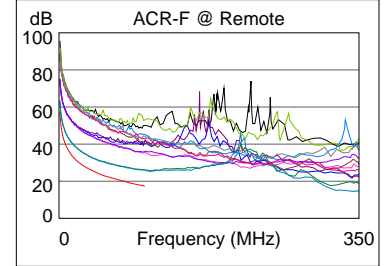
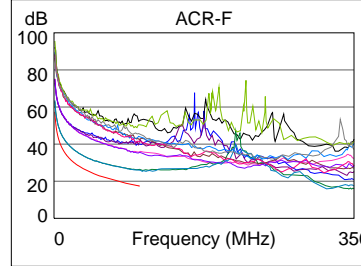
Length (m), Limit 100.0	[Pair 12]	38.7
Prop. Delay (ns), Limit 555		192
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 45]	7.4
Insertion Loss Margin (dB)	[Pair 36]	15.7
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



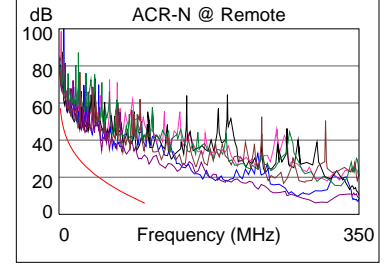
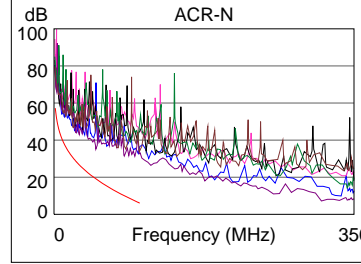
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	4.0	4.6	7.2	6.1
Freq. (MHz)	49.3	49.5	93.5	93.5
Limit (dB)	35.4	35.3	30.6	30.6
Worst Pair	36	36	36	36
PS NEXT (dB)	6.8	6.5	9.0	8.8
Freq. (MHz)	49.5	49.5	93.5	93.5
Limit (dB)	32.3	32.3	27.6	27.6



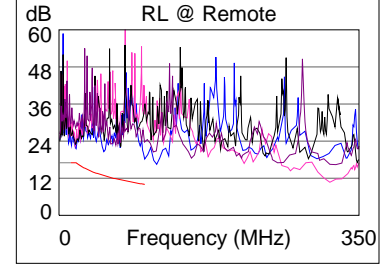
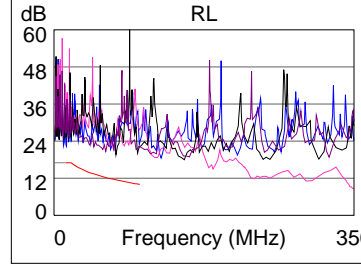
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	45-36	45-36	36-45
ACR-F (dB)	5.6	5.6	8.2	8.4
Freq. (MHz)	1.0	1.0	97.8	97.5
Limit (dB)	57.4	57.4	17.6	17.6
Worst Pair	45	36	36	45
PS ACR-F (dB)	8.4	8.3	10.9	10.6
Freq. (MHz)	1.0	1.0	97.8	97.8
Limit (dB)	54.4	54.4	14.6	14.6



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-36	12-78	36-45	36-45
ACR-N (dB)	12.8	14.2	22.7	21.6
Freq. (MHz)	8.9	6.0	93.5	93.5
Limit (dB)	41.2	45.2	7.4	7.4
Worst Pair	36	12	36	36
PS ACR-N (dB)	13.9	14.7	24.3	24.1
Freq. (MHz)	8.9	9.3	93.5	93.5
Limit (dB)	38.2	37.7	4.4	4.4



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	45	12
RL (dB)	6.9	4.6	8.2	8.2
Freq. (MHz)	17.1	19.5	72.3	100.0
Limit (dB)	17.0	17.0	11.4	10.0



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



Cable ID: D1-11

Test Summary: PASS

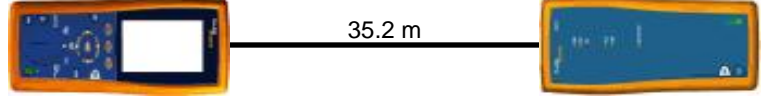
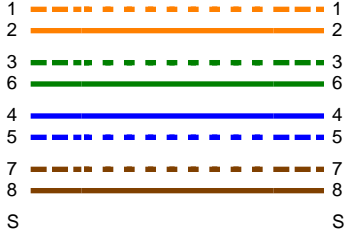
Date / Time: 08/20/2009 03:08:30pm
Headroom: 4.5 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

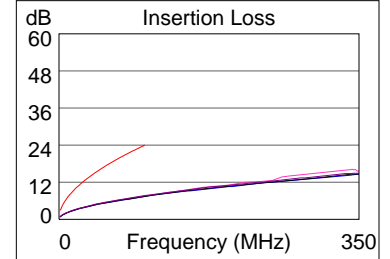
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

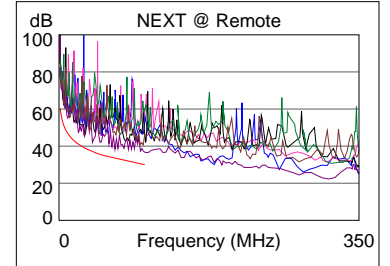
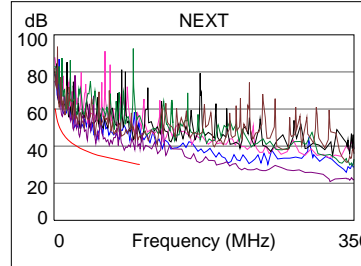
PASS



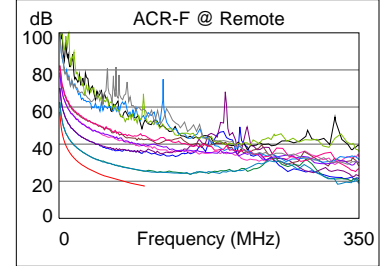
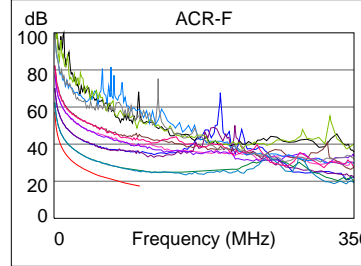
Length (m), Limit 100.0	[Pair 12]	35.2
Prop. Delay (ns), Limit 555		174
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	6.6
Insertion Loss Margin (dB)	[Pair 36]	16.4
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



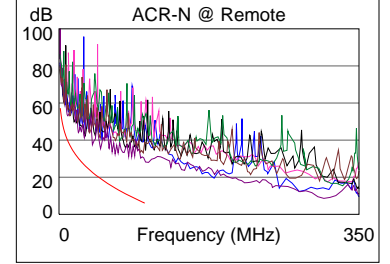
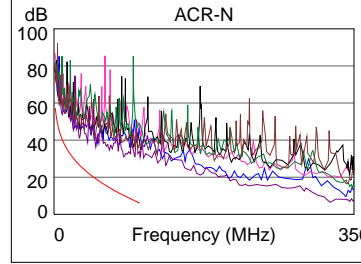
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	5.6	4.5	5.6	6.6
Freq. (MHz)	81.3	39.5	81.3	98.0
Limit (dB)	31.6	37.0	31.6	30.2
Worst Pair	36	45	45	45
PS NEXT (dB)	7.9	7.1	8.1	8.0
Freq. (MHz)	48.8	39.3	81.3	98.0
Limit (dB)	32.4	34.0	28.6	27.2



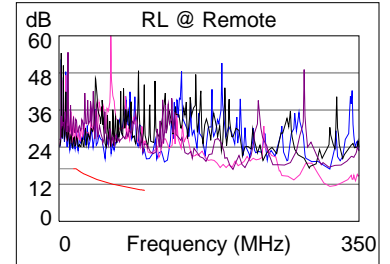
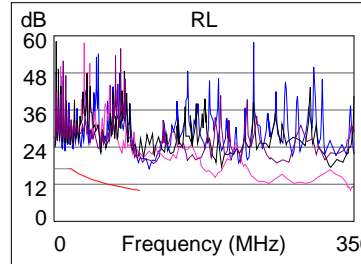
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	5.2	5.2	7.7	7.9
Freq. (MHz)	1.0	1.0	98.5	98.8
Limit (dB)	57.4	57.4	17.5	17.5
Worst Pair	36	36	36	45
PS ACR-F (dB)	7.5	7.6	10.2	10.5
Freq. (MHz)	1.0	1.0	98.5	99.3
Limit (dB)	54.4	54.4	14.5	14.5



	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)	13.3	13.0	20.4	23.0
Freq. (MHz)	9.1	9.8	81.3	98.0
Limit (dB)	40.9	40.2	10.2	6.5
Worst Pair	45	45	45	45
PS ACR-N (dB)	14.6	14.3	25.5	24.4
Freq. (MHz)	9.4	9.6	94.5	98.0
Limit (dB)	37.6	37.3	4.2	3.5



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	12	12
RL (dB)	6.3	6.2	8.9	7.5
Freq. (MHz)	22.0	22.0	98.3	53.5
Limit (dB)	16.6	16.6	10.1	12.7



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



Cable ID: D1-10

Test Summary: PASS

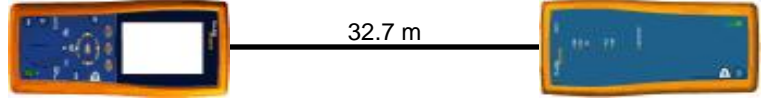
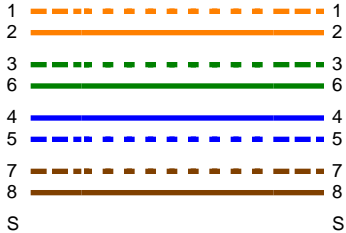
Date / Time: 08/20/2009 03:10:05pm
Headroom: 4.1 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

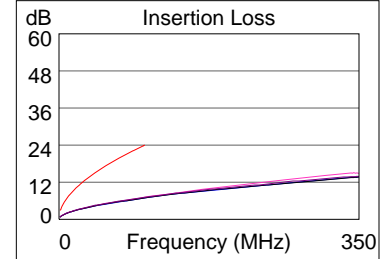
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

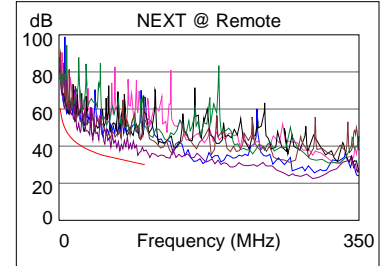
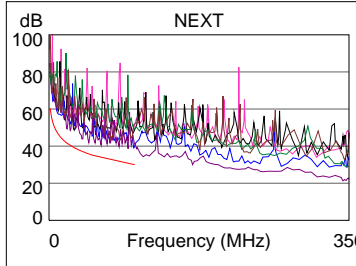
PASS



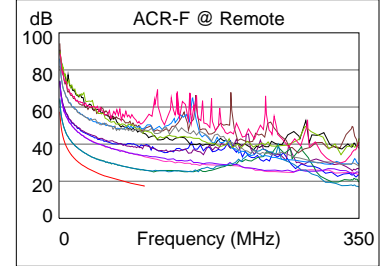
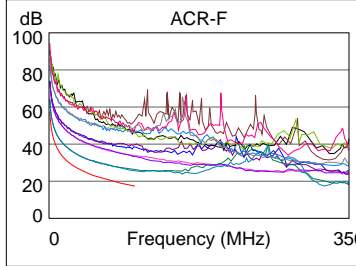
Length (m), Limit 100.0	[Pair 12]	32.7
Prop. Delay (ns), Limit 555		162
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	6.2
Insertion Loss Margin (dB)	[Pair 36]	16.9
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



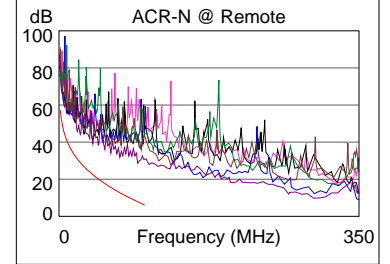
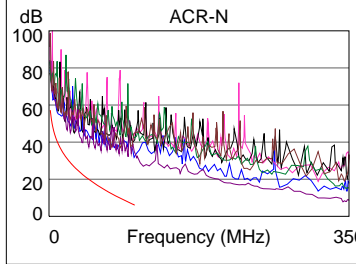
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	5.9	4.1	7.8	4.1
Freq. (MHz)	38.8	92.3	92.0	92.3
Limit (dB)	37.1	30.7	30.7	30.7
Worst Pair	36	36	36	36
PS NEXT (dB)	8.0	6.9	9.5	6.9
Freq. (MHz)	46.3	92.3	99.0	92.3
Limit (dB)	32.8	27.7	27.2	27.7



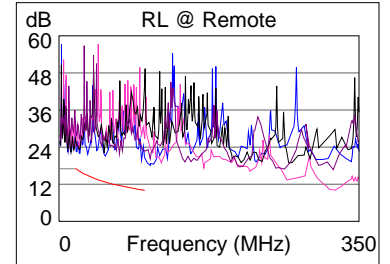
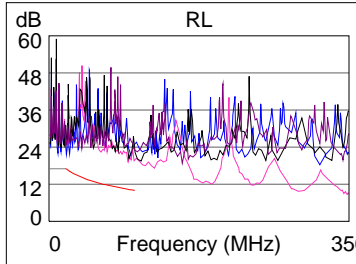
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	6.2	6.1	8.2	8.5
Freq. (MHz)	1.8	1.8	99.3	100.0
Limit (dB)	52.5	52.5	17.5	17.4
Worst Pair	36	45	36	45
PS ACR-F (dB)	8.9	8.7	10.8	10.5
Freq. (MHz)	1.0	1.8	96.3	99.3
Limit (dB)	54.4	49.5	14.7	14.5



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-36	36-45	12-36	36-45
ACR-N (dB)	14.8	14.2	25.6	20.6
Freq. (MHz)	4.5	6.1	99.3	92.3
Limit (dB)	48.0	45.0	6.2	7.7
Worst Pair	12	36	36	36
PS ACR-N (dB)	16.4	15.0	26.3	23.1
Freq. (MHz)	4.3	5.5	99.0	92.3
Limit (dB)	45.5	43.0	3.3	4.7



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	36	12
RL (dB)	4.7	5.2	8.8	9.3
Freq. (MHz)	20.5	20.5	92.3	96.5
Limit (dB)	16.9	16.9	10.4	10.2



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



Cable ID: D1-08

Test Summary: PASS

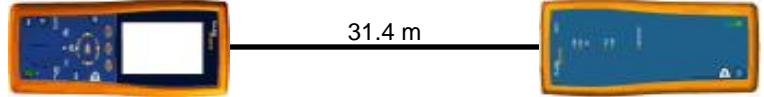
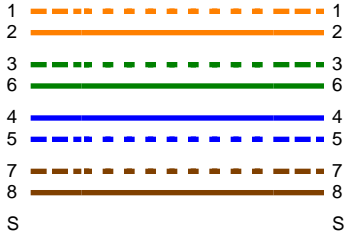
Date / Time: 08/20/2009 02:41:06pm
Headroom: 4.1 dB (NEXT 12-36)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

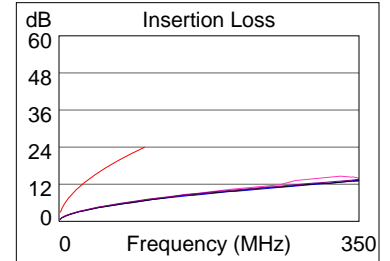
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

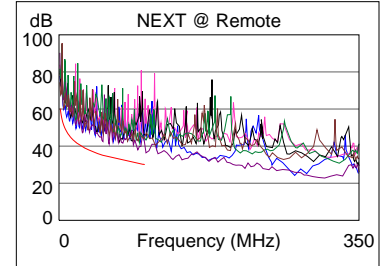
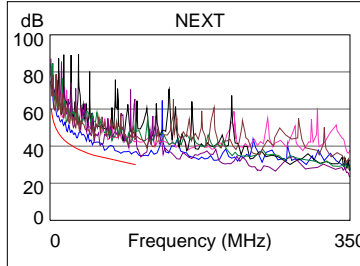
PASS



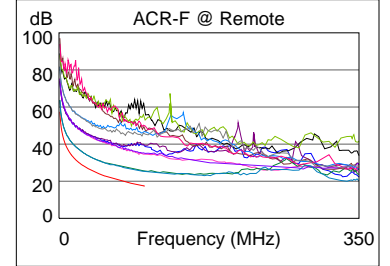
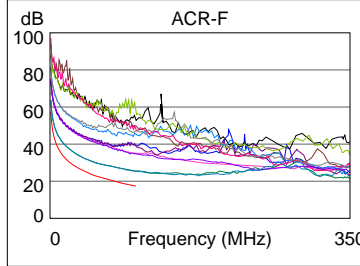
Length (m), Limit 100.0	[Pair 12]	31.4
Prop. Delay (ns), Limit 555		156
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	6.0
Insertion Loss Margin (dB)	[Pair 36]	17.1
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



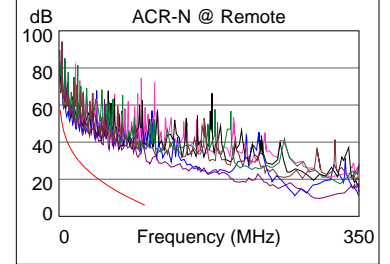
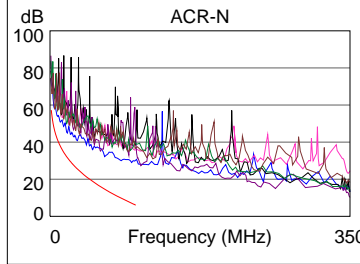
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-36	36-45	12-36	36-45
NEXT (dB)	4.1	6.9	5.2	7.2
Freq. (MHz)	64.0	50.8	95.3	91.5
Limit (dB)	33.4	35.1	30.4	30.7
Worst Pair	36	36	36	45
PS NEXT (dB)	6.1	7.4	7.0	8.7
Freq. (MHz)	63.5	19.8	94.8	91.5
Limit (dB)	30.5	39.1	27.5	27.7



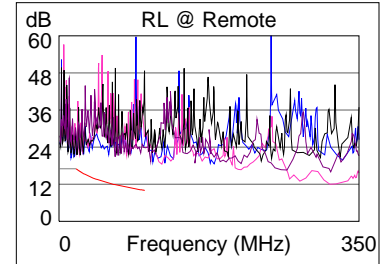
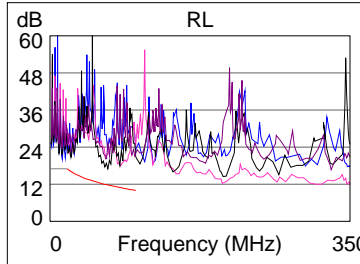
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	45-36	45-36
ACR-F (dB)	6.2	6.2	7.9	7.9
Freq. (MHz)	1.0	1.6	99.5	99.5
Limit (dB)	57.4	53.2	17.4	17.4
Worst Pair	36	36	45	45
PS ACR-F (dB)	8.8	8.8	10.6	10.4
Freq. (MHz)	2.3	1.0	100.0	99.5
Limit (dB)	47.4	54.4	14.4	14.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	45-78	45-78	12-36	36-45
ACR-N (dB)	10.9	10.8	21.9	23.6
Freq. (MHz)	2.0	1.8	95.5	91.5
Limit (dB)	55.3	56.4	7.0	7.9
Worst Pair	36	78	36	36
PS ACR-N (dB)	12.6	12.6	23.8	25.7
Freq. (MHz)	5.0	1.8	95.5	94.3
Limit (dB)	44.0	53.4	4.0	4.3



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45	45	45	78
RL (dB)	4.6	5.3	5.2	9.1
Freq. (MHz)	24.5	24.8	67.8	65.5
Limit (dB)	16.1	16.1	11.7	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: D1-07

Test Summary: PASS

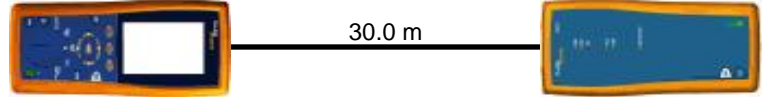
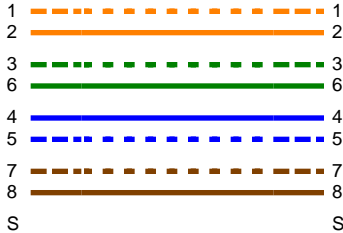
Date / Time: 08/20/2009 02:45:27pm
Headroom: 5.4 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

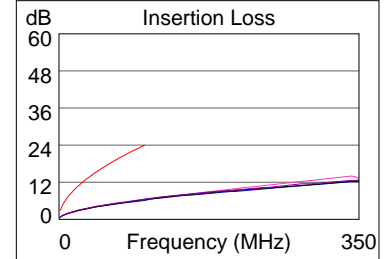
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

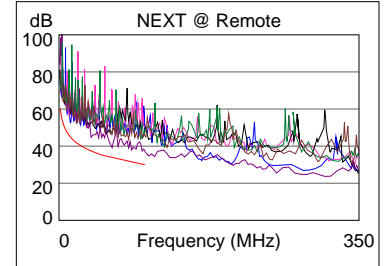
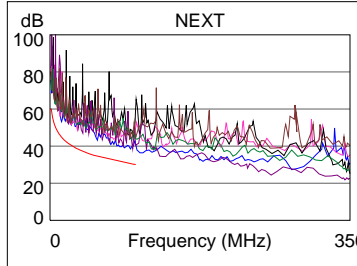
PASS



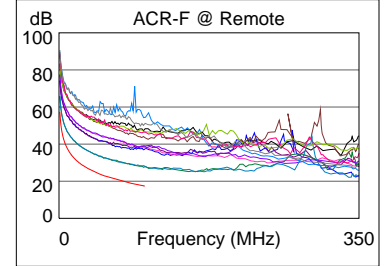
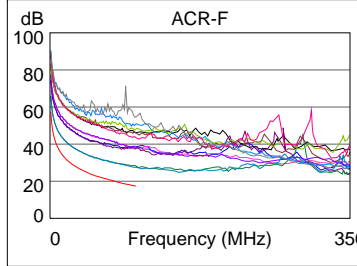
Length (m), Limit 100.0	[Pair 12]	30.0
Prop. Delay (ns), Limit 555		149
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	5.7
Insertion Loss Margin (dB)	[Pair 78]	17.5
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



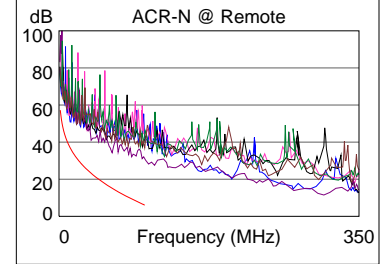
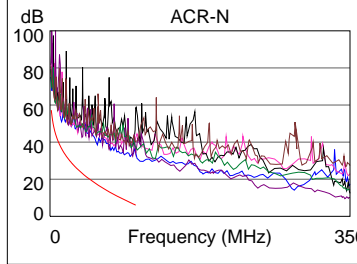
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-36	36-45	12-36	36-45
NEXT (dB)	7.6	5.4	7.9	7.1
Freq. (MHz)	82.0	61.5	93.5	100.0
Limit (dB)	31.6	33.7	30.6	30.1
Worst Pair	36	45	36	45
PS NEXT (dB)	8.3	7.5	8.3	9.0
Freq. (MHz)	96.3	61.5	96.3	100.0
Limit (dB)	27.4	30.7	27.4	27.1



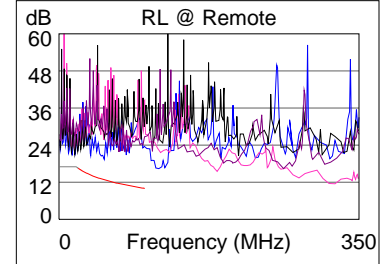
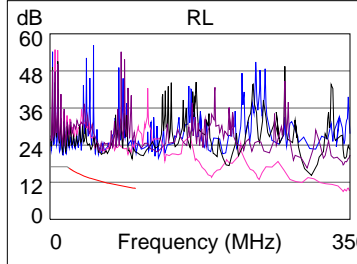
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	45-36	36-45
ACR-F (dB)	8.4	8.4	9.8	9.9
Freq. (MHz)	1.0	1.1	98.3	98.3
Limit (dB)	57.4	56.4	17.6	17.6
Worst Pair	36	36	36	45
PS ACR-F (dB)	10.9	10.8	12.4	12.5
Freq. (MHz)	1.0	1.0	98.3	98.3
Limit (dB)	54.4	54.4	14.6	14.6



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-36	12-36	12-36	36-45
ACR-N (dB)	12.0	13.1	24.9	24.8
Freq. (MHz)	1.8	2.4	93.5	100.0
Limit (dB)	56.4	53.8	7.4	6.1
Worst Pair	36	36	36	45
PS ACR-N (dB)	13.1	13.9	25.6	26.7
Freq. (MHz)	1.8	2.0	96.3	100.0
Limit (dB)	53.4	52.3	3.8	3.1



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	45	12
RL (dB)	7.2	6.2	8.8	6.2
Freq. (MHz)	25.8	52.0	95.0	52.3
Limit (dB)	15.9	12.9	10.2	12.8



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: D1-06

Test Summary: PASS

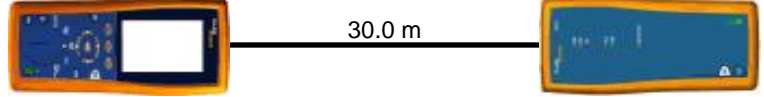
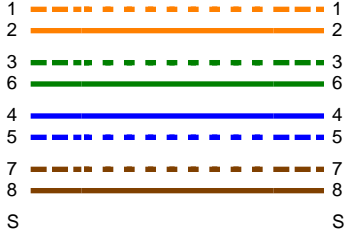
Date / Time: 08/20/2009 02:42:12pm
Headroom: 4.8 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

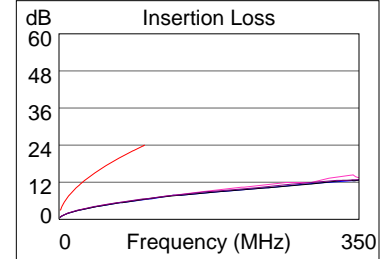
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

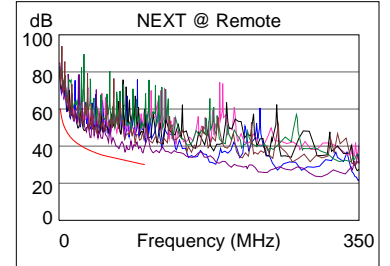
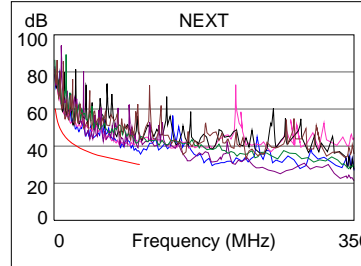
PASS



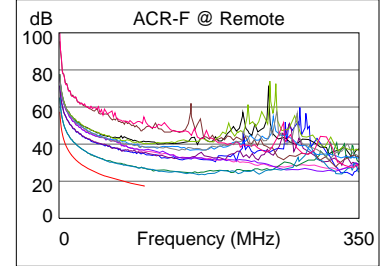
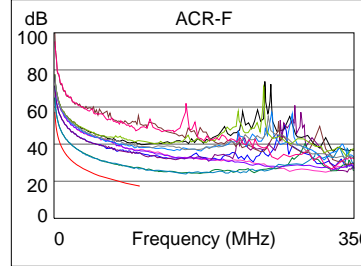
Length (m), Limit 100.0	[Pair 12]	30.0
Prop. Delay (ns), Limit 555		149
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	5.7
Insertion Loss Margin (dB)	[Pair 36]	17.4
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



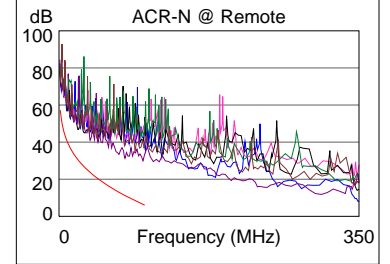
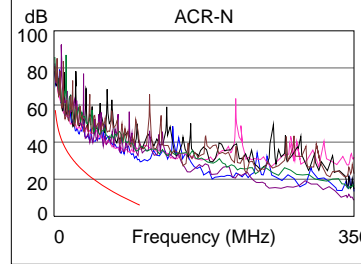
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-36	36-45	12-36	36-45
NEXT (dB)	6.5	4.8	6.5	5.8
Freq. (MHz)	100.0	77.0	100.0	97.5
Limit (dB)	30.1	32.0	30.1	30.3
Worst Pair	36	45	36	45
PS NEXT (dB)	6.5	6.5	6.5	6.5
Freq. (MHz)	97.5	76.8	97.5	77.0
Limit (dB)	27.3	29.1	27.3	29.0



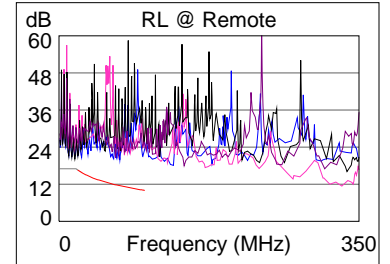
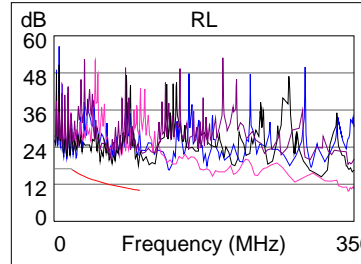
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	45-36	36-45
ACR-F (dB)	7.6	7.6	9.1	9.3
Freq. (MHz)	1.0	1.1	98.8	98.8
Limit (dB)	57.4	56.4	17.5	17.5
Worst Pair	36	36	36	45
PS ACR-F (dB)	9.8	9.7	11.5	11.4
Freq. (MHz)	1.0	1.0	98.8	98.8
Limit (dB)	54.4	54.4	14.5	14.5



	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)	15.2	14.7	23.9	23.2
Freq. (MHz)	1.8	2.3	100.0	97.5
Limit (dB)	56.4	54.3	6.1	6.6
Worst Pair	12	12	36	36
PS ACR-N (dB)	15.0	14.9	23.7	25.7
Freq. (MHz)	1.6	2.1	97.5	97.5
Limit (dB)	53.9	51.8	3.6	3.6



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	45	12
RL (dB)	4.6	4.9	7.9	8.3
Freq. (MHz)	25.9	26.0	98.5	71.3
Limit (dB)	15.9	15.9	10.1	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: D1-05

Test Summary: PASS

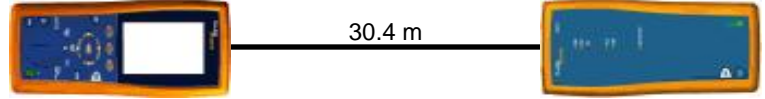
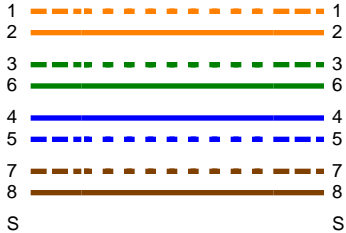
Date / Time: 08/20/2009 02:47:59pm
Headroom: 3.9 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

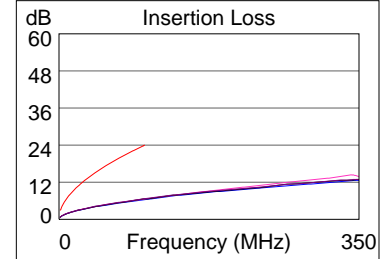
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

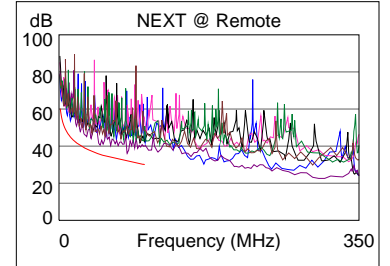
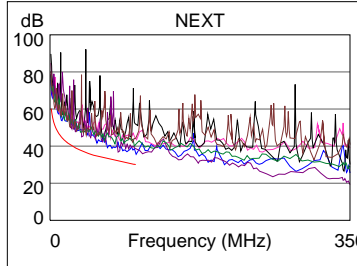
PASS



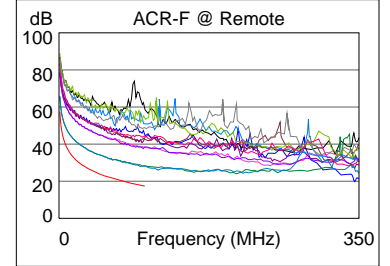
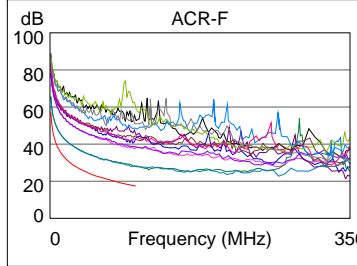
Length (m), Limit 100.0	[Pair 12]	30.4
Prop. Delay (ns), Limit 555		150
Delay Skew (ns), Limit 50		3
Resistance (ohms)	[Pair 12]	5.7
Insertion Loss Margin (dB)	[Pair 78]	17.3
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



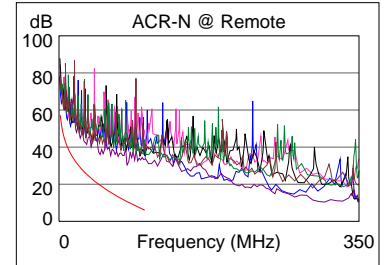
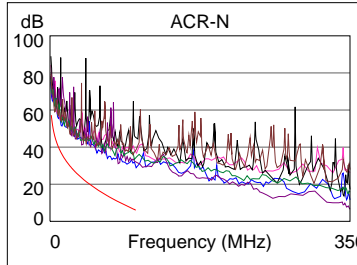
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	12-36	36-45
NEXT (dB)	4.3	3.9	5.7	3.9
Freq. (MHz)	80.3	79.8	100.0	80.0
Limit (dB)	31.7	31.8	30.1	31.7
Worst Pair	36	45	36	36
PS NEXT (dB)	5.6	6.5	5.6	6.6
Freq. (MHz)	80.5	47.0	100.0	80.0
Limit (dB)	28.7	32.7	27.1	28.7



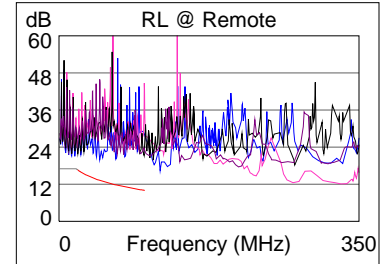
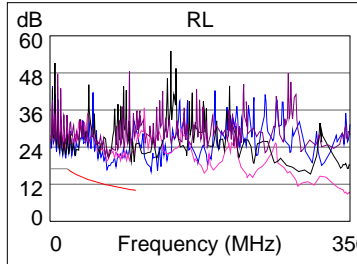
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	45-36	45-36	36-45
ACR-F (dB)	8.2	8.2	10.1	10.1
Freq. (MHz)	1.0	1.0	94.0	94.0
Limit (dB)	57.4	57.4	17.9	17.9
Worst Pair	36	36	36	45
PS ACR-F (dB)	11.0	10.9	12.7	12.7
Freq. (MHz)	1.1	1.0	94.0	94.5
Limit (dB)	53.4	54.4	14.9	14.9



	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)	10.8	11.0	23.1	19.4
Freq. (MHz)	1.8	2.4	100.0	80.0
Limit (dB)	56.4	53.8	6.1	10.5
Worst Pair	36	36	36	36
PS ACR-N (dB)	10.8	12.3	23.0	22.1
Freq. (MHz)	1.8	2.1	100.0	80.3
Limit (dB)	53.4	51.8	3.1	7.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	12	12
RL (dB)	4.7	5.6	4.7	6.6
Freq. (MHz)	66.8	25.4	67.0	47.8
Limit (dB)	11.8	16.0	11.7	13.2



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: D1-04

Test Summary: PASS

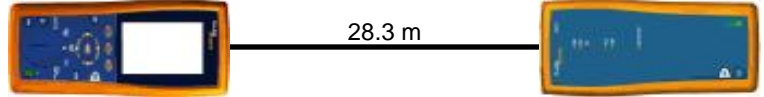
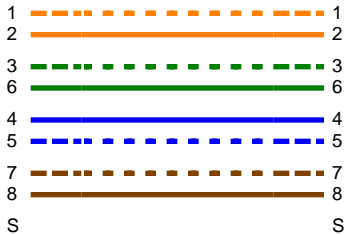
Date / Time: 08/20/2009 12:31:20pm
Headroom: 5.8 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

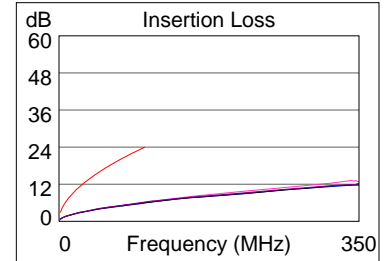
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

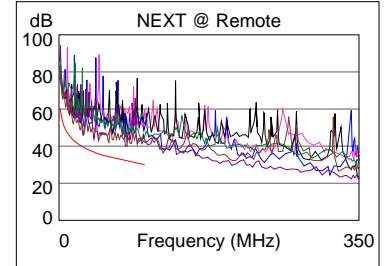
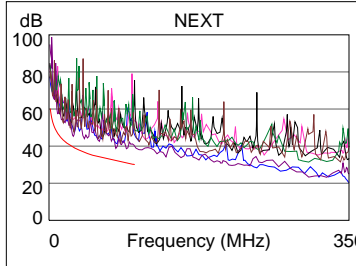
PASS



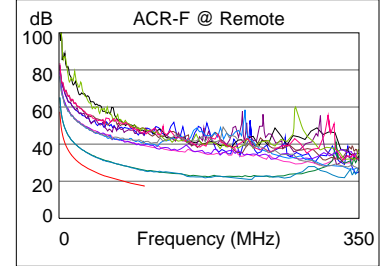
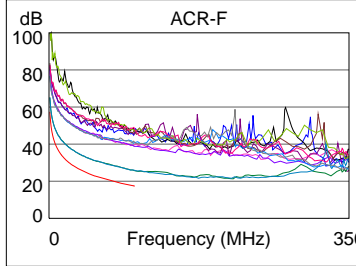
Length (m), Limit 100.0	[Pair 12]	28.3
Prop. Delay (ns), Limit 555		140
Delay Skew (ns), Limit 50		3
Resistance (ohms)	[Pair 12]	5.5
Insertion Loss Margin (dB)	[Pair 78]	17.8
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



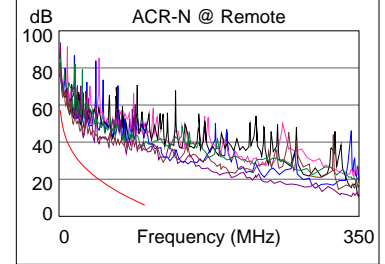
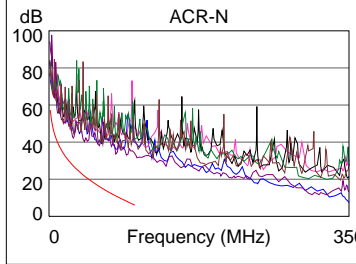
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	5.8	6.3	7.6	7.2
Freq. (MHz)	28.1	28.1	90.8	78.3
Limit (dB)	39.5	39.5	30.8	31.9
Worst Pair	45	45	36	36
PS NEXT (dB)	6.9	7.0	7.5	8.6
Freq. (MHz)	28.5	28.5	78.5	78.5
Limit (dB)	36.4	36.4	28.9	28.9



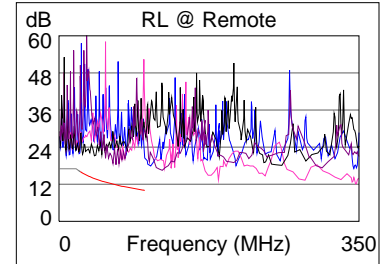
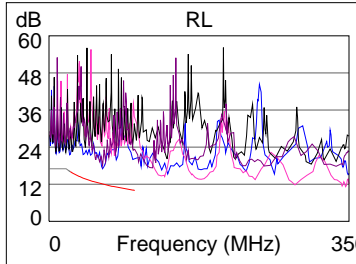
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	7.5	7.6	8.2	8.1
Freq. (MHz)	1.1	2.8	99.8	99.8
Limit (dB)	56.4	48.6	17.4	17.4
Worst Pair	45	45	45	36
PS ACR-F (dB)	10.2	10.2	10.9	11.1
Freq. (MHz)	1.1	1.4	99.8	99.8
Limit (dB)	53.4	51.6	14.4	14.4



	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)	14.9	15.3	24.7	23.0
Freq. (MHz)	27.9	28.3	91.0	78.3
Limit (dB)	27.4	27.3	8.0	10.9
Worst Pair	45	78	36	36
PS ACR-N (dB)	16.1	15.8	23.3	24.4
Freq. (MHz)	28.4	3.5	78.5	78.5
Limit (dB)	24.2	47.3	7.8	7.8



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	78	12	78
RL (dB)	4.9	5.9	4.9	5.9
Freq. (MHz)	62.3	62.3	62.3	62.3
Limit (dB)	12.1	12.1	12.1	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: D1-02

Test Summary: PASS

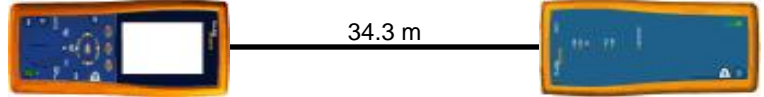
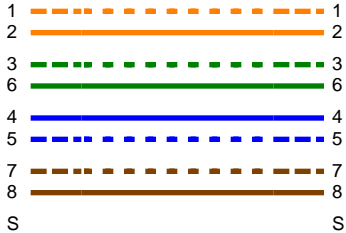
Date / Time: 08/20/2009 12:35:24pm
Headroom: 6.7 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

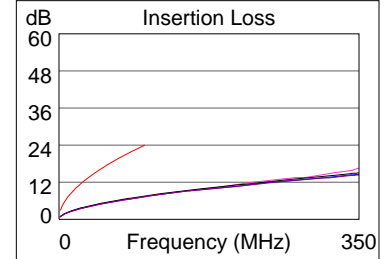
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

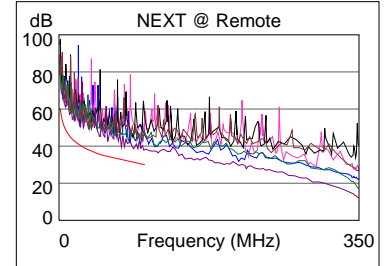
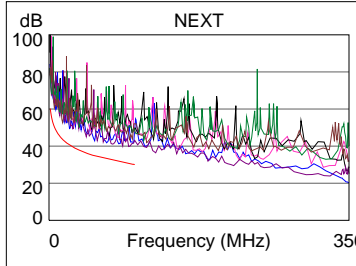
PASS



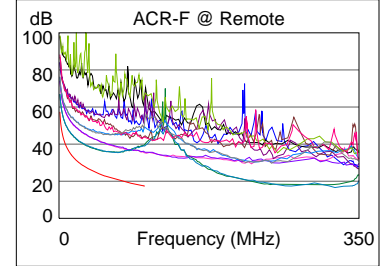
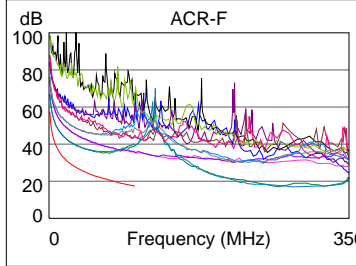
Length (m), Limit 100.0	[Pair 78]	34.3
Prop. Delay (ns), Limit 555		171
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 12]	6.4
Insertion Loss Margin (dB)	[Pair 45]	16.4
Frequency (MHz)	[Pair 45]	100.0
Limit (dB)	[Pair 45]	24.0



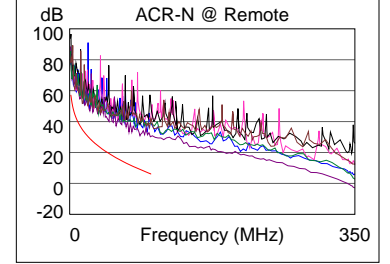
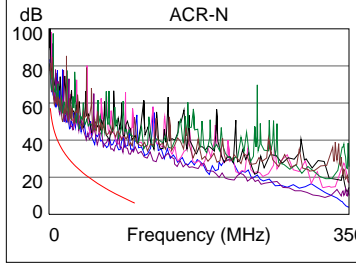
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	7.8	6.7	9.2	7.6
Freq. (MHz)	73.0	86.0	95.3	98.8
Limit (dB)	32.4	31.2	30.4	30.2
Worst Pair	36	36	36	36
PS NEXT (dB)	8.8	8.5	9.9	8.5
Freq. (MHz)	73.0	72.8	95.8	95.5
Limit (dB)	29.4	29.5	27.4	27.4



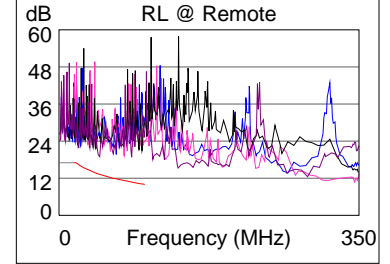
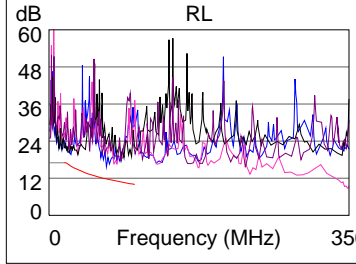
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	12-45
ACR-F (dB)	9.5	9.5	14.6	17.8
Freq. (MHz)	1.0	1.0	71.0	100.0
Limit (dB)	57.4	57.4	20.4	17.4
Worst Pair	45	45	45	45
PS ACR-F (dB)	11.3	11.4	15.6	16.2
Freq. (MHz)	1.0	1.0	71.0	70.5
Limit (dB)	54.4	54.4	17.4	17.4



	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)	13.8	15.0	25.1	23.9
Freq. (MHz)	2.8	2.8	95.3	99.0
Limit (dB)	52.5	52.5	7.1	6.3
Worst Pair	36	36	36	36
PS ACR-N (dB)	14.1	15.1	26.1	24.7
Freq. (MHz)	2.5	2.8	95.8	95.5
Limit (dB)	50.4	49.5	4.0	4.0



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	78	12	78
RL (dB)	3.6	5.4	4.0	5.4
Freq. (MHz)	25.4	22.9	67.0	47.0
Limit (dB)	16.0	16.4	11.7	13.3



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