



Cable ID: V2-03

Test Summary: PASS

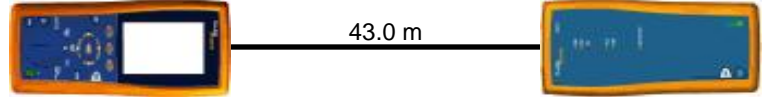
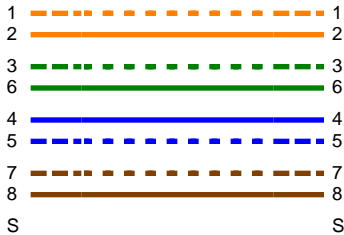
Date / Time: 08/26/2009 11:28:02am
Headroom: 7.0 dB (NEXT 45-78)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

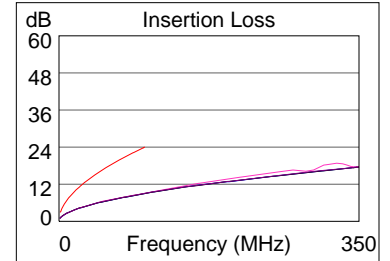
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

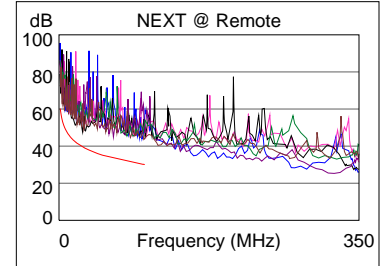
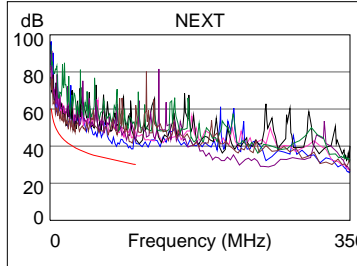
PASS



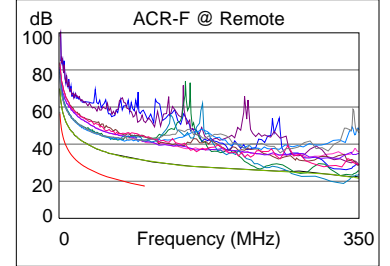
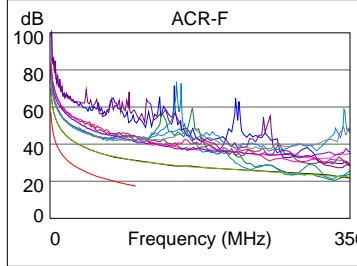
Length (m), Limit 100.0	[Pair 78]	43.0
Prop. Delay (ns), Limit 555		213
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 45]	9.2
Insertion Loss Margin (dB)	[Pair 36]	14.9
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



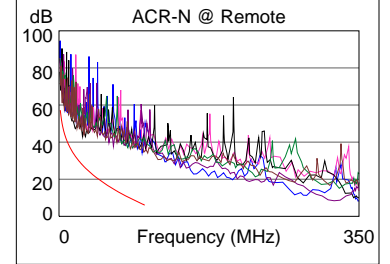
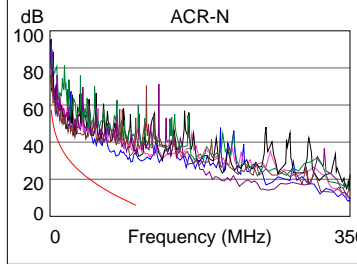
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-78	12-78	12-36	12-36
NEXT (dB)	7.0	8.0	7.6	12.5
Freq. (MHz)	6.4	27.4	94.5	97.3
Limit (dB)	50.2	39.7	30.5	30.3
Worst Pair	45	12	12	78
PS NEXT (dB)	8.8	9.7	9.7	13.1
Freq. (MHz)	6.5	27.6	96.3	93.3
Limit (dB)	47.1	36.6	27.4	27.6



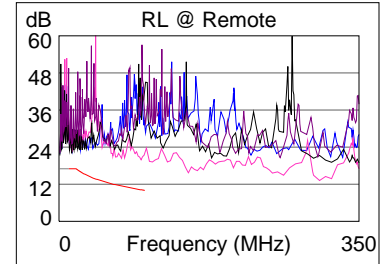
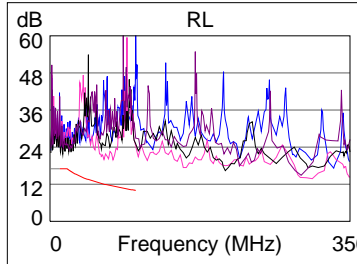
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	78-12	12-78	12-78	12-78
ACR-F (dB)	12.1	12.1	13.3	13.5
Freq. (MHz)	1.5	1.5	98.3	100.0
Limit (dB)	53.9	53.9	17.6	17.4
Worst Pair	78	78	78	78
PS ACR-F (dB)	14.2	14.1	15.8	16.0
Freq. (MHz)	1.6	1.5	98.3	100.0
Limit (dB)	50.2	50.9	14.6	14.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	45-78	45-78	12-36	12-36
ACR-N (dB)	10.4	11.2	22.1	27.2
Freq. (MHz)	6.4	3.6	94.5	97.3
Limit (dB)	44.6	50.0	7.2	6.6
Worst Pair	45	78	12	12
PS ACR-N (dB)	12.3	12.5	24.5	28.4
Freq. (MHz)	6.4	1.6	96.3	97.3
Limit (dB)	41.6	53.9	3.8	3.6



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45	36	36	36
RL (dB)	4.7	4.9	7.8	8.4
Freq. (MHz)	14.9	15.1	65.8	76.0
Limit (dB)	17.0	17.0	11.8	11.2



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



Cable ID: V1-40

Test Summary: PASS

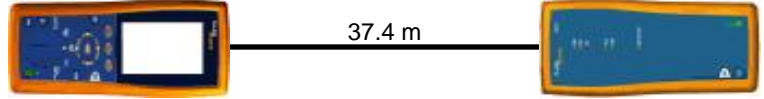
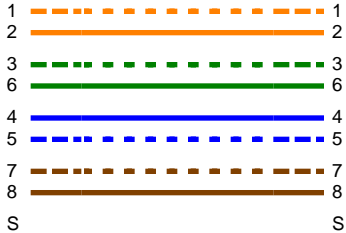
Date / Time: 08/25/2009 03:26:51pm
Headroom: 5.6 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

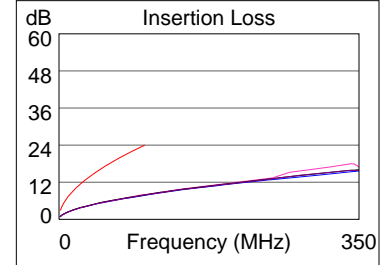
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

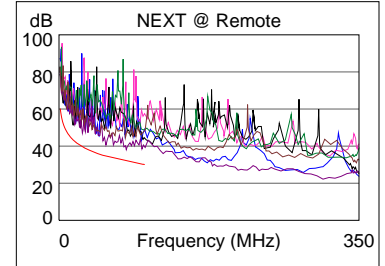
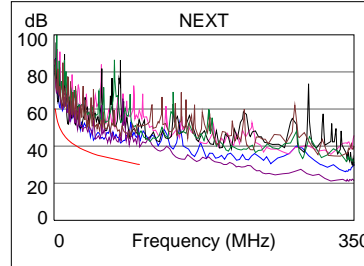
PASS



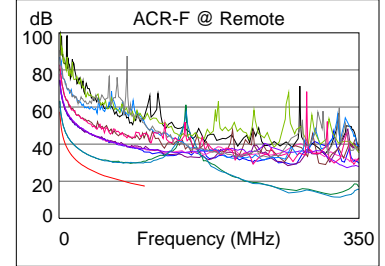
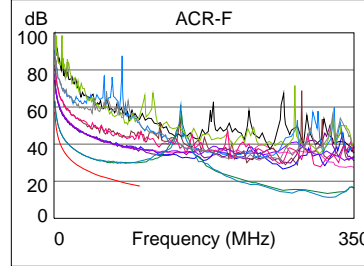
Length (m), Limit 100.0	[Pair 78]	37.4
Prop. Delay (ns), Limit 555		186
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 45]	6.8
Insertion Loss Margin (dB)	[Pair 36]	16.0
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



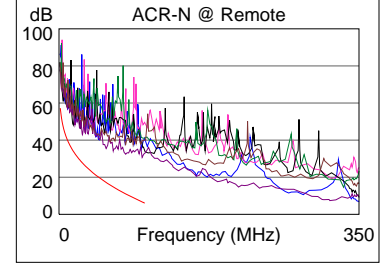
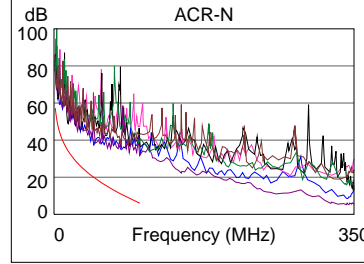
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-36	36-45	36-45	36-45
NEXT (dB)	6.7	5.6	9.5	6.2
Freq. (MHz)	46.5	54.3	100.0	78.5
Limit (dB)	35.8	34.6	30.1	31.9
Worst Pair	36	45	36	36
PS NEXT (dB)	8.9	7.9	10.9	9.6
Freq. (MHz)	54.3	54.0	100.0	96.8
Limit (dB)	31.6	31.7	27.1	27.3



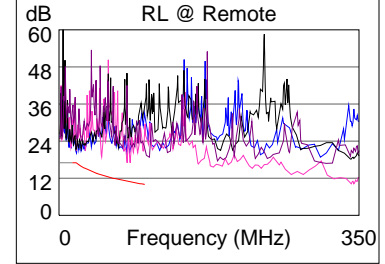
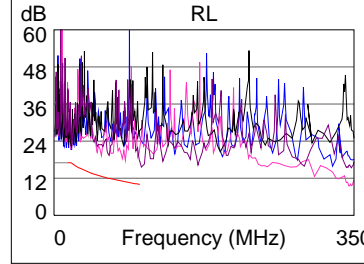
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	45-36	36-45	36-45
ACR-F (dB)	5.7	5.7	9.5	10.6
Freq. (MHz)	1.0	1.0	74.5	83.5
Limit (dB)	57.4	57.4	20.0	19.0
Worst Pair	45	36	36	36
PS ACR-F (dB)	8.4	8.4	12.8	14.2
Freq. (MHz)	1.0	1.0	82.5	96.3
Limit (dB)	54.4	54.4	16.1	14.7



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	12-78	36-45	36-45
ACR-N (dB)	14.0	13.7	25.6	24.5
Freq. (MHz)	2.6	16.3	100.0	99.8
Limit (dB)	52.9	34.4	6.1	6.1
Worst Pair	45	45	36	36
PS ACR-N (dB)	15.0	15.5	26.9	25.4
Freq. (MHz)	2.6	2.5	100.0	96.8
Limit (dB)	49.9	50.4	3.1	3.7



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	36	36
RL (dB)	3.5	2.9	7.0	5.8
Freq. (MHz)	20.1	20.1	83.3	79.3
Limit (dB)	17.0	17.0	10.8	11.0



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



Cable ID: V1-13

Test Summary: FAIL

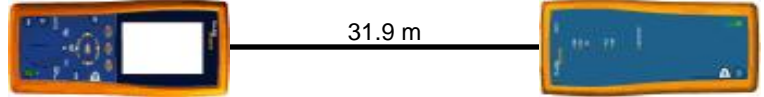
Date / Time: 08/26/2009 11:03:02am
 Headroom: -1.0 dB (NEXT 12-78)
 Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

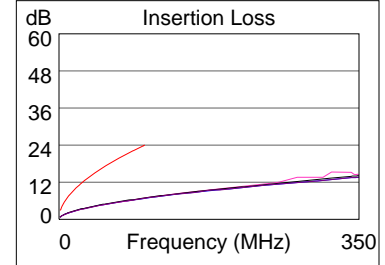
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

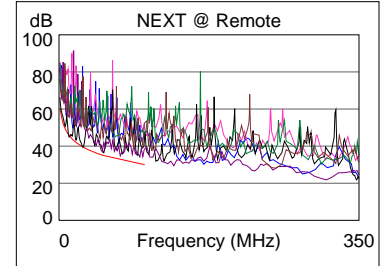
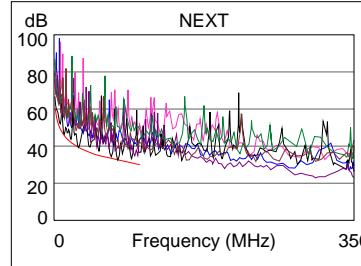
PASS



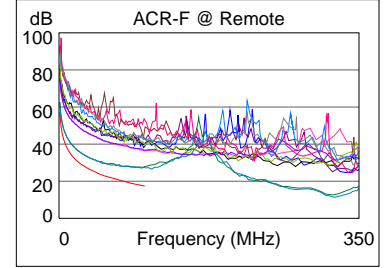
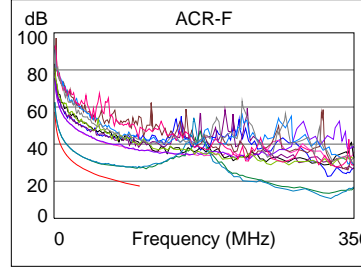
Length (m), Limit 100.0	[Pair 78]	31.9
Prop. Delay (ns), Limit 555		159
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 12]	6.0
Insertion Loss Margin (dB)	[Pair 36]	17.1
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



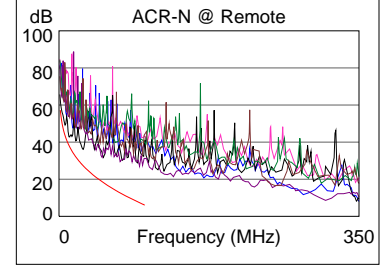
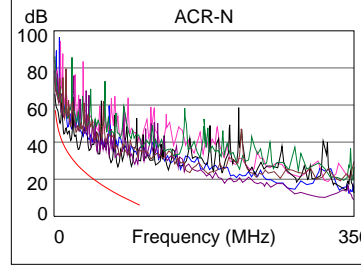
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	12-78	12-78	12-78	36-45
NEXT (dB)	-0.1*F	-1.0 F	0.1	2.9
Freq. (MHz)	28.4	11.9	74.5	93.5
Limit (dB)	39.4	45.8	32.3	30.6
Worst Pair	78	78	78	36
PS NEXT (dB)	2.5	1.6	2.7	5.3
Freq. (MHz)	28.6	11.9	75.0	93.5
Limit (dB)	36.4	42.8	29.2	27.6



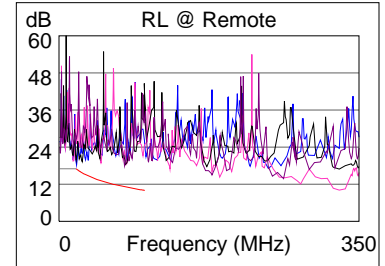
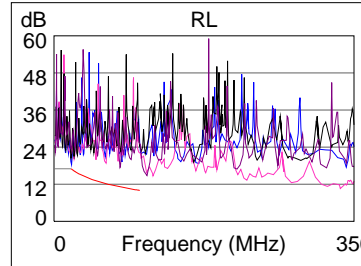
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	5.1	5.1	9.2	9.3
Freq. (MHz)	2.0	1.6	96.0	96.0
Limit (dB)	51.4	53.2	17.8	17.8
Worst Pair	36	45	45	36
PS ACR-F (dB)	7.9	7.9	11.7	12.0
Freq. (MHz)	1.6	1.6	96.0	95.0
Limit (dB)	50.2	50.2	14.8	14.8



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-78	12-78	12-78	36-45
ACR-N (dB)	5.4	4.7	14.9	19.4
Freq. (MHz)	1.6	1.8	74.5	93.5
Limit (dB)	56.9	56.4	11.8	7.4
Worst Pair	78	78	78	36
PS ACR-N (dB)	7.6	7.1	17.5	21.9
Freq. (MHz)	1.8	1.8	75.0	93.5
Limit (dB)	53.4	53.4	8.7	4.4



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	78	78
RL (dB)	1.6	1.4	6.3	6.4
Freq. (MHz)	20.6	20.6	77.0	77.0
Limit (dB)	16.9	16.9	11.1	11.1



* Measurement is within the accuracy limits of the instrument.



Cable ID: V1-10

Test Summary: FAIL

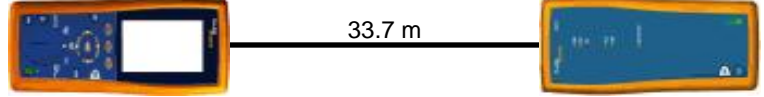
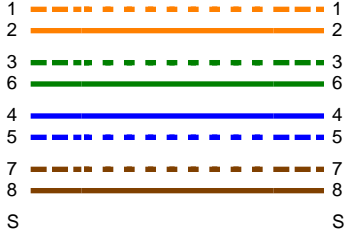
Date / Time: 08/26/2009 11:34:12am
 Headroom: -1.8 dB (NEXT 12-78)
 Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

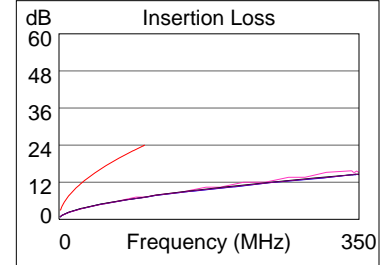
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

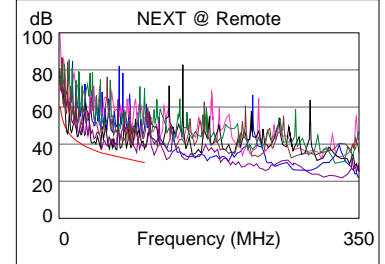
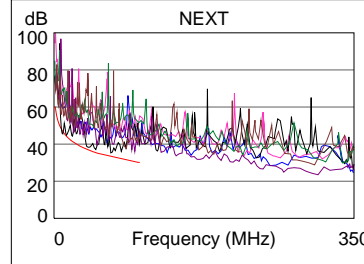
PASS



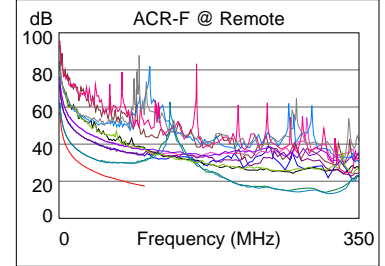
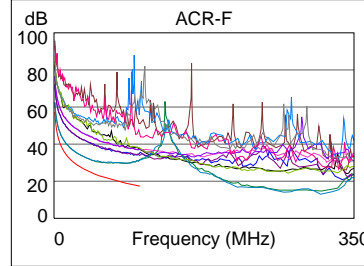
Length (m), Limit 100.0	[Pair 78]	33.7
Prop. Delay (ns), Limit 555		168
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 12]	6.2
Insertion Loss Margin (dB)	[Pair 36]	15.5
Frequency (MHz)	[Pair 36]	91.5
Limit (dB)	[Pair 36]	22.9



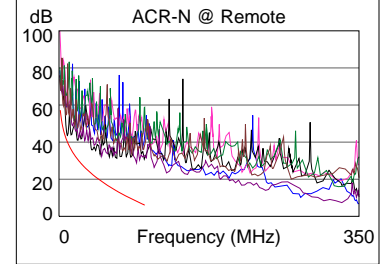
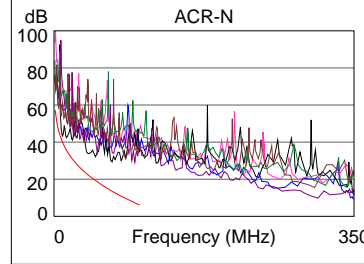
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	12-78	12-78	12-78	36-45
NEXT (dB)	-1.8 F	-1.6 F	1.4	4.8
Freq. (MHz)	9.8	9.5	67.0	90.3
Limit (dB)	47.2	47.4	33.1	30.8
Worst Pair	12	12	12	36
PS NEXT (dB)	0.9	1.2	3.7	7.2
Freq. (MHz)	9.8	9.5	67.0	90.0
Limit (dB)	44.2	44.4	30.1	27.9



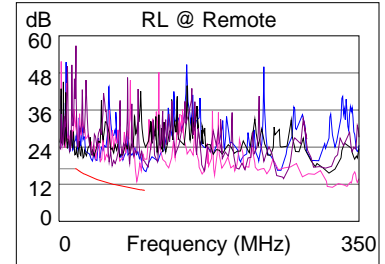
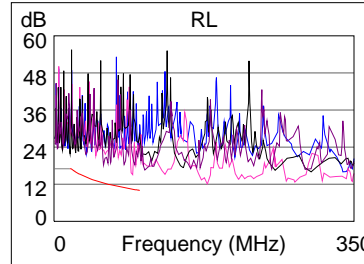
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
ACR-F (dB)	5.1	5.1	10.4	10.5
Freq. (MHz)	1.0	1.0	81.3	82.3
Limit (dB)	57.4	57.4	19.2	19.1
Worst Pair	36	36	36	36
PS ACR-F (dB)	7.6	7.7	13.0	12.3
Freq. (MHz)	1.0	1.0	88.5	81.3
Limit (dB)	54.4	54.4	15.5	16.2



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-78	12-78	12-78	36-45
ACR-N (dB)	3.2	3.4	15.0	20.7
Freq. (MHz)	9.8	9.4	67.0	90.3
Limit (dB)	40.2	40.6	13.8	8.1
Worst Pair	12	12	12	36
PS ACR-N (dB)	5.8	6.1	17.3	22.7
Freq. (MHz)	9.8	9.6	67.0	90.3
Limit (dB)	37.2	37.3	10.8	5.1



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36	36	36	36
RL (dB)	3.9	2.4	3.9	2.4
Freq. (MHz)	91.0	91.0	91.0	91.0
Limit (dB)	10.4	10.4	10.4	10.4





Cable ID: D2-22

Test Summary: PASS

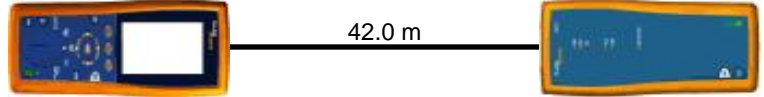
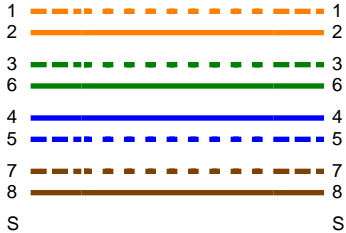
Date / Time: 08/25/2009 03:09:58pm
Headroom: 4.9 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

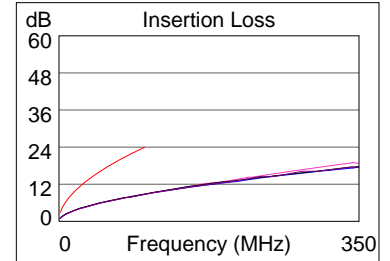
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

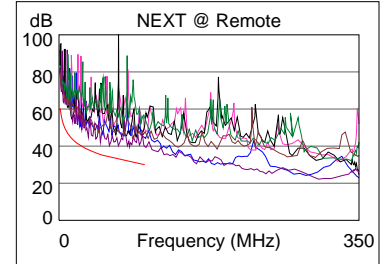
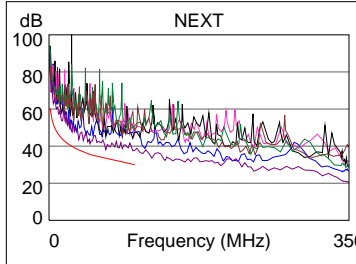
PASS



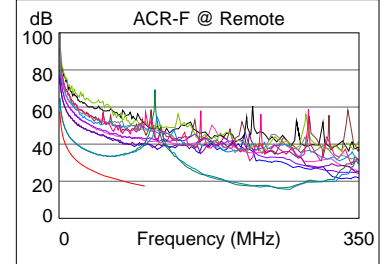
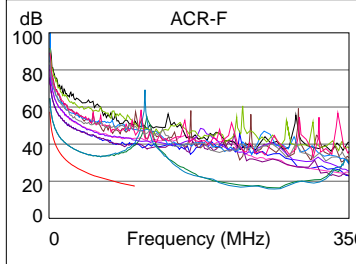
Length (m), Limit 100.0	[Pair 78]	42.0
Prop. Delay (ns), Limit 555		208
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 12]	7.5
Insertion Loss Margin (dB)	[Pair 36]	15.2
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



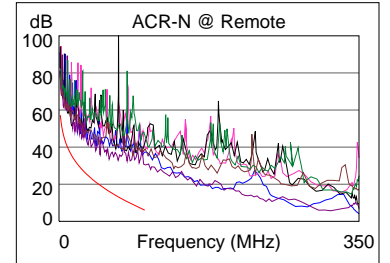
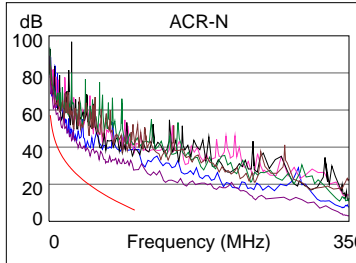
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	4.9	6.1	6.1	9.2
Freq. (MHz)	66.3	58.5	98.5	98.5
Limit (dB)	33.2	34.1	30.2	30.2
Worst Pair	36	36	36	36
PS NEXT (dB)	7.4	8.3	8.6	10.9
Freq. (MHz)	48.0	58.5	98.3	98.5
Limit (dB)	32.5	31.1	27.2	27.2



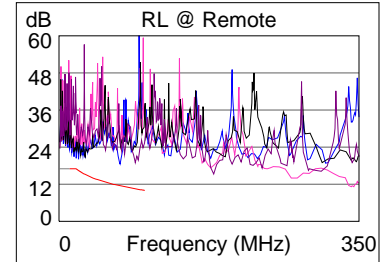
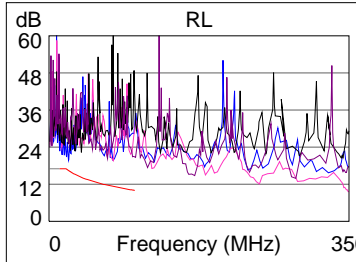
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	36-45	36-45
ACR-F (dB)	6.6	6.6	11.3	10.9
Freq. (MHz)	1.4	1.4	60.3	57.0
Limit (dB)	54.6	54.6	21.8	22.3
Worst Pair	36	45	36	36
PS ACR-F (dB)	9.2	9.3	14.1	13.8
Freq. (MHz)	1.4	1.4	62.5	60.3
Limit (dB)	51.6	51.6	18.5	18.8



	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: D2-21

Test Summary: PASS

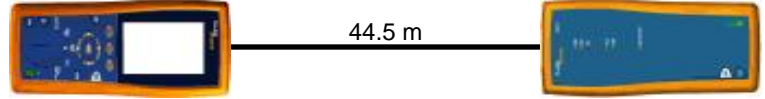
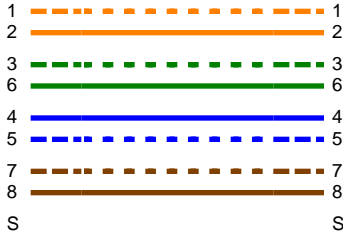
Date / Time: 08/25/2009 10:38:03am
Headroom: 4.3 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

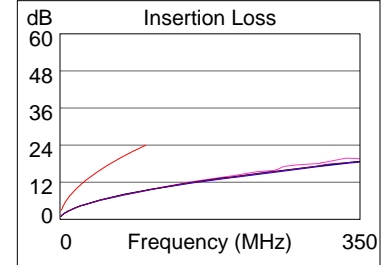
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

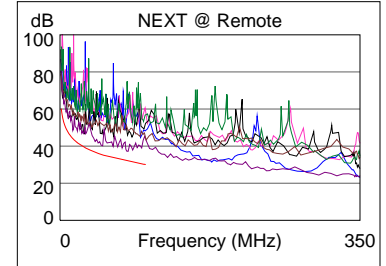
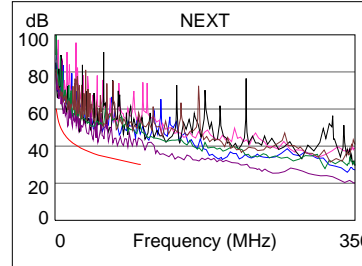
PASS



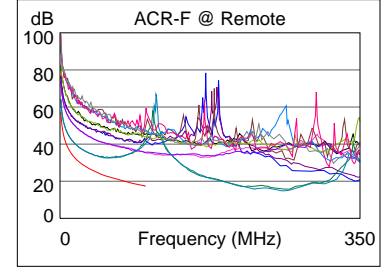
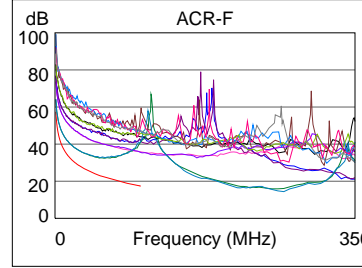
Length (m), Limit 100.0	[Pair 78]	44.5
Prop. Delay (ns), Limit 555		221
Delay Skew (ns), Limit 50		6
Resistance (ohms)	[Pair 12]	8.0
Insertion Loss Margin (dB)	[Pair 36]	14.6
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



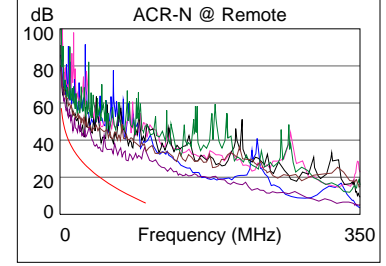
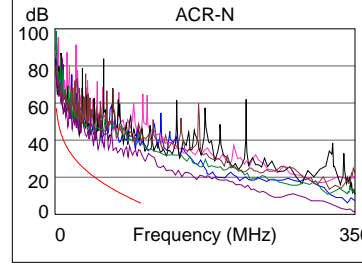
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	6.1	4.3	8.3	5.0
Freq. (MHz)	15.0	15.1	85.0	80.0
Limit (dB)	44.1	44.0	31.3	31.7
Worst Pair	36	45	36	45
PS NEXT (dB)	8.4	6.8	10.5	7.7
Freq. (MHz)	44.8	15.0	85.0	80.0
Limit (dB)	33.1	41.1	28.3	28.7



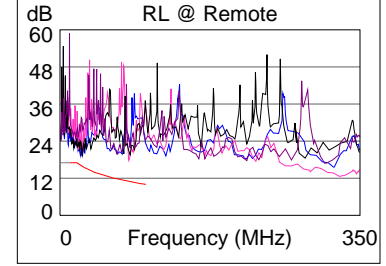
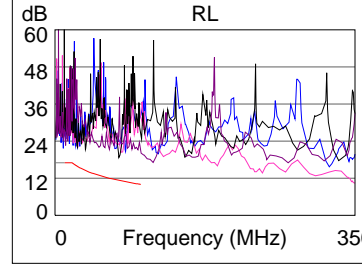
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	6.4	6.4	9.6	9.6
Freq. (MHz)	1.6	1.6	54.3	54.3
Limit (dB)	53.2	53.2	22.7	22.7
Worst Pair	45	36	45	45
PS ACR-F (dB)	9.0	9.2	13.0	12.9
Freq. (MHz)	1.6	1.6	61.5	58.8
Limit (dB)	50.2	50.2	18.6	19.0



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



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



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



Cable ID: D2-20

Test Summary: PASS

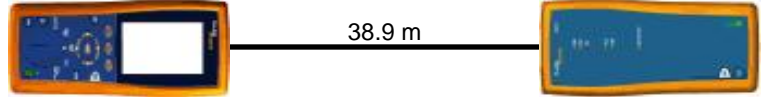
Date / Time: 08/26/2009 11:42:44am
Headroom: 8.0 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

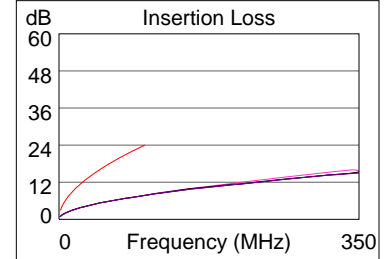
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

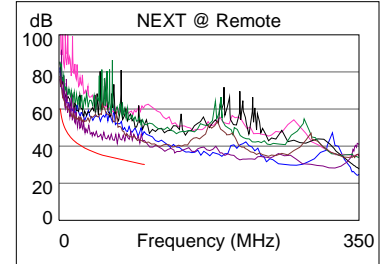
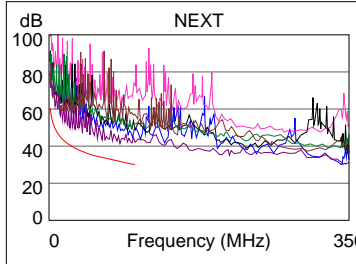
PASS



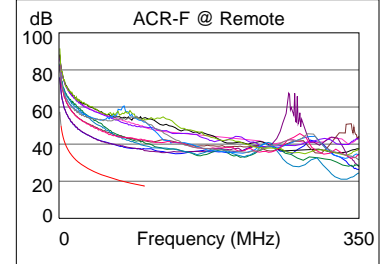
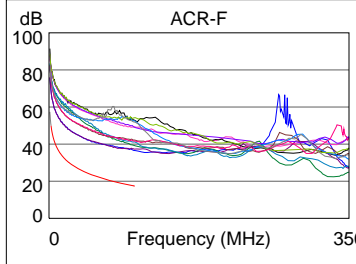
Length (m), Limit 100.0	[Pair 78]	38.9
Prop. Delay (ns), Limit 555		194
Delay Skew (ns), Limit 50		6
Resistance (ohms)	[Pair 12]	7.2
Insertion Loss Margin (dB)	[Pair 36]	16.2
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



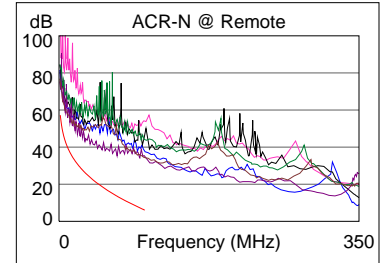
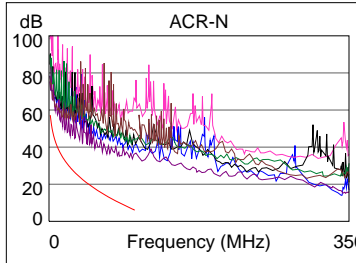
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	8.8	8.0	10.7	8.5
Freq. (MHz)	68.0	39.0	94.3	68.0
Limit (dB)	33.0	37.1	30.5	33.0
Worst Pair	36	36	36	45
PS NEXT (dB)	11.3	10.3	12.3	11.9
Freq. (MHz)	68.0	30.5	97.3	100.0
Limit (dB)	30.0	35.9	27.3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



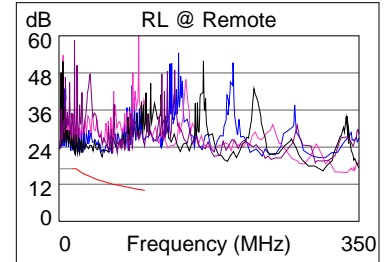
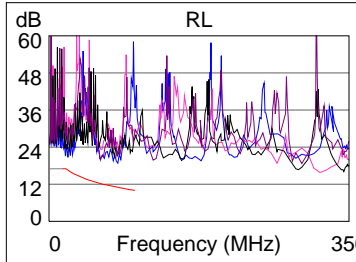
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-12	12-36	12-36	36-12
ACR-F (dB)	17.4	17.4	18.9	19.0
Freq. (MHz)	19.4	19.4	99.3	99.3
Limit (dB)	31.7	31.7	17.5	17.5
Worst Pair	36	36	36	36
PS ACR-F (dB)	19.3	19.2	19.8	20.0
Freq. (MHz)	6.3	19.4	98.8	99.8
Limit (dB)	38.5	28.7	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: D2-19

Test Summary: PASS

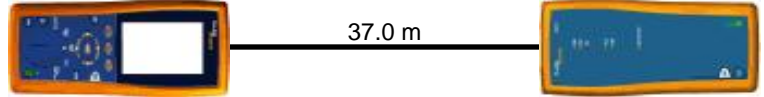
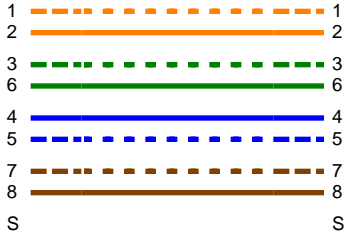
Date / Time: 08/25/2009 02:31:47pm
Headroom: 5.0 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

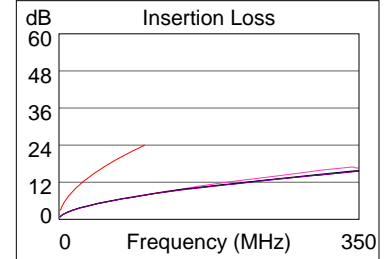
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

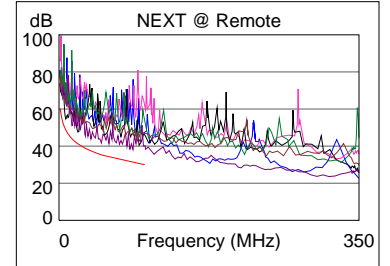
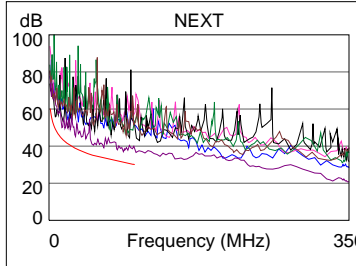
PASS



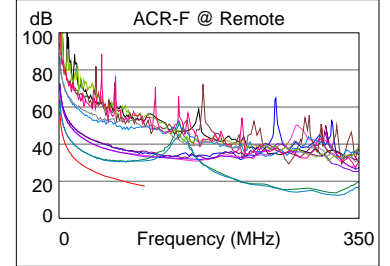
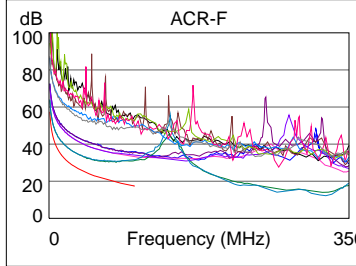
Length (m), Limit 100.0	[Pair 78]	37.0
Prop. Delay (ns), Limit 555		183
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	6.7
Insertion Loss Margin (dB)	[Pair 36]	15.9
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



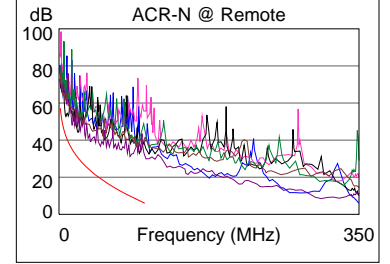
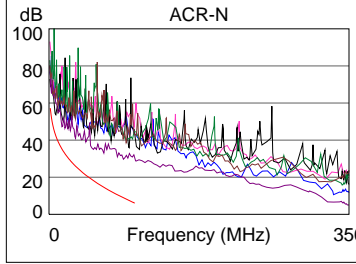
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	5.0	5.4	5.3	6.7
Freq. (MHz)	49.3	49.0	86.0	86.0
Limit (dB)	35.4	35.4	31.2	31.2
Worst Pair	45	45	45	36
PS NEXT (dB)	7.8	8.0	7.9	9.2
Freq. (MHz)	52.0	49.0	86.3	85.8
Limit (dB)	32.0	32.4	28.2	28.2



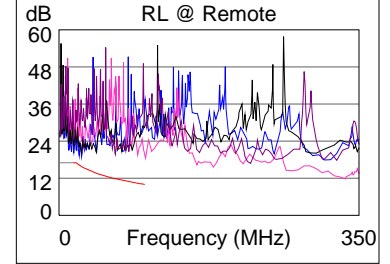
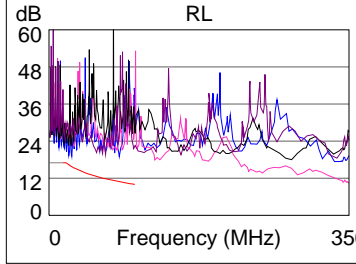
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	6.2	6.3	10.6	10.7
Freq. (MHz)	1.0	2.3	78.0	77.8
Limit (dB)	57.4	50.4	19.6	19.6
Worst Pair	45	36	45	45
PS ACR-F (dB)	8.5	8.7	12.3	13.5
Freq. (MHz)	1.0	1.0	77.8	86.5
Limit (dB)	54.4	54.4	16.6	15.7



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



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



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



Cable ID: D2-19

Test Summary: PASS

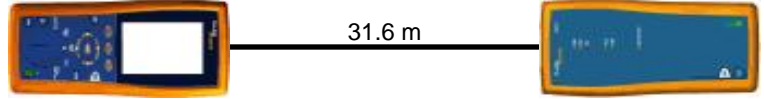
Date / Time: 08/25/2009 09:41:49am
Headroom: 4.4 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

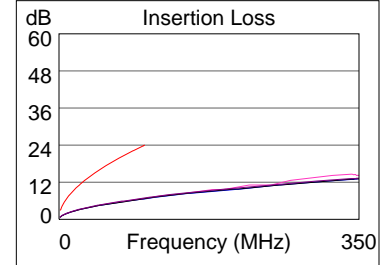
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

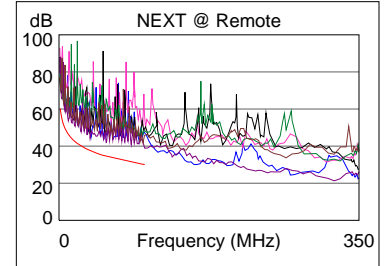
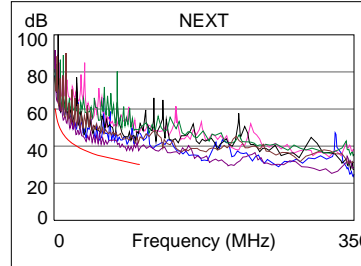
PASS



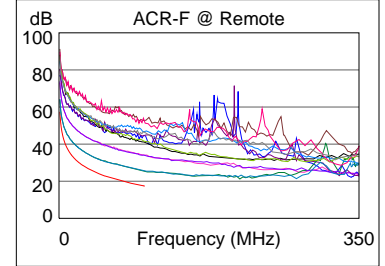
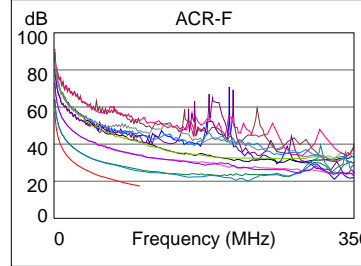
Length (m), Limit 100.0	[Pair 12]	31.6
Prop. Delay (ns), Limit 555		156
Delay Skew (ns), Limit 50		3
Resistance (ohms)	[Pair 12]	5.9
Insertion Loss Margin (dB)	[Pair 78]	17.1
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



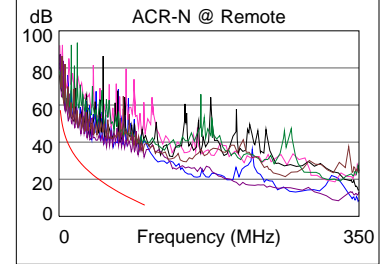
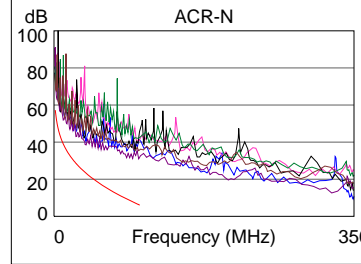
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	4.4	6.0	6.4	8.3
Freq. (MHz)	36.8	36.8	99.5	99.5
Limit (dB)	37.5	37.5	30.1	30.1
Worst Pair	36	36	45	36
PS NEXT (dB)	5.5	7.2	8.5	10.4
Freq. (MHz)	37.0	37.0	99.3	99.5
Limit (dB)	34.5	34.5	27.1	27.1



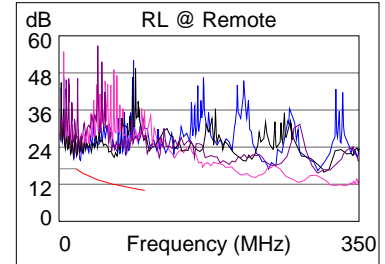
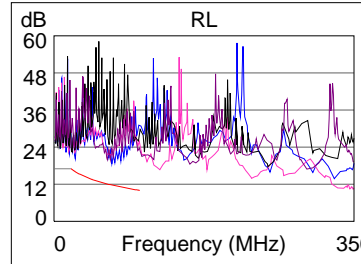
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	45-36	36-45
ACR-F (dB)	6.5	6.6	7.9	8.1
Freq. (MHz)	2.0	2.4	99.3	99.0
Limit (dB)	51.4	49.9	17.5	17.5
Worst Pair	45	45	36	45
PS ACR-F (dB)	9.1	9.1	10.8	10.4
Freq. (MHz)	2.0	1.1	99.3	99.3
Limit (dB)	48.4	53.4	14.5	14.5



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



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



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



Cable ID: D2-16

Test Summary: PASS

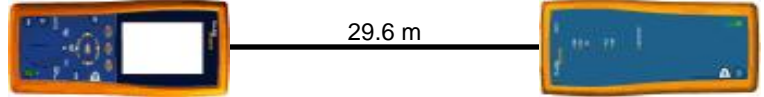
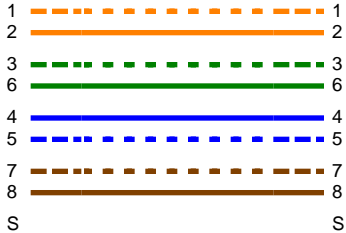
Date / Time: 08/26/2009 10:55:07am
Headroom: 8.0 dB (NEXT 45-78)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

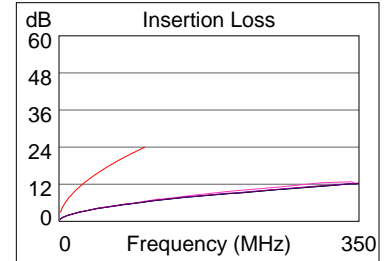
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

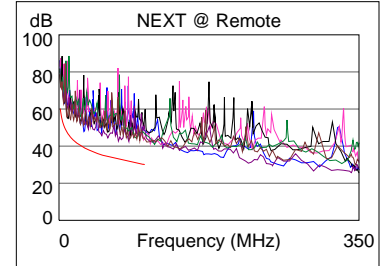
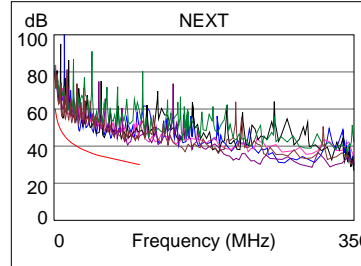
PASS



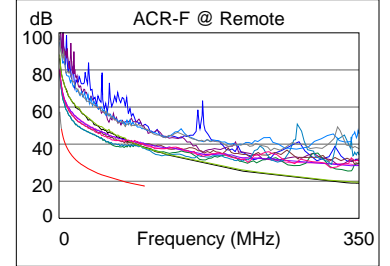
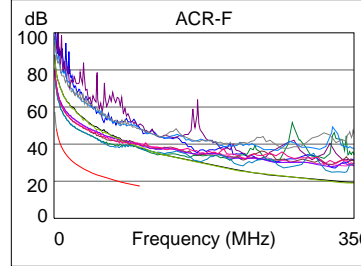
Length (m), Limit 100.0	[Pair 78]	29.6
Prop. Delay (ns), Limit 555		146
Delay Skew (ns), Limit 50		3
Resistance (ohms)	[Pair 12]	6.0
Insertion Loss Margin (dB)	[Pair 36]	17.5
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



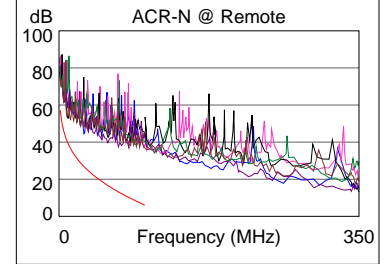
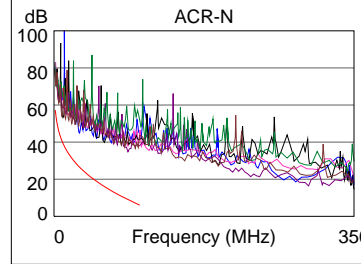
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-78	12-78	36-45	36-45
NEXT (dB)	8.0	8.0	9.4	9.7
Freq. (MHz)	9.1	10.1	86.0	69.5
Limit (dB)	47.7	46.9	31.2	32.8
Worst Pair	78	78	45	45
PS NEXT (dB)	8.5	8.3	9.7	12.2
Freq. (MHz)	9.8	9.5	86.3	98.5
Limit (dB)	44.2	44.4	28.2	27.2



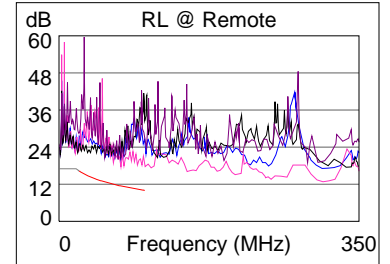
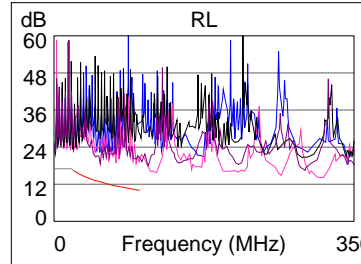
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	36-45	45-36
ACR-F (dB)	17.7	17.8	20.1	19.9
Freq. (MHz)	62.5	62.5	100.0	100.0
Limit (dB)	21.5	21.5	17.4	17.4
Worst Pair	36	45	45	36
PS ACR-F (dB)	19.0	19.3	21.0	20.9
Freq. (MHz)	71.8	62.5	100.0	100.0
Limit (dB)	17.3	18.5	14.4	14.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	45-78	12-78	36-45	45-78
ACR-N (dB)	13.0	13.2	25.7	30.2
Freq. (MHz)	9.1	10.1	86.0	98.5
Limit (dB)	40.9	39.8	9.1	6.4
Worst Pair	78	78	45	45
PS ACR-N (dB)	13.6	13.4	26.1	29.8
Freq. (MHz)	9.8	9.6	86.3	98.5
Limit (dB)	37.2	37.3	6.0	3.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	78	36	36	36
RL (dB)	5.8	6.1	7.6	6.1
Freq. (MHz)	53.5	71.8	100.0	72.0
Limit (dB)	12.7	11.5	10.0	11.4



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



Cable ID: D2-15

Test Summary: PASS

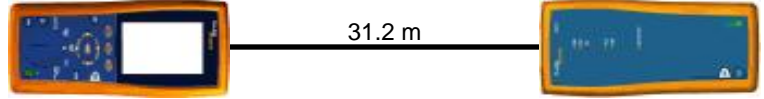
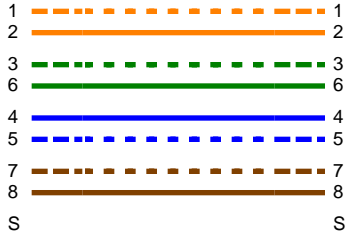
Date / Time: 08/25/2009 11:17:15am
Headroom: 5.0 dB (NEXT 12-36)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

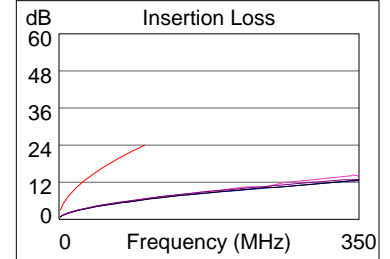
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

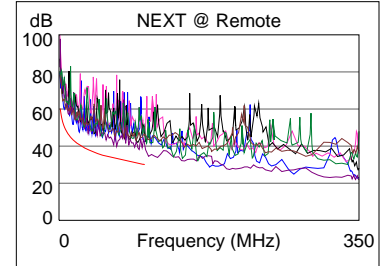
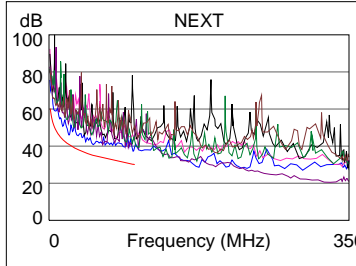
PASS



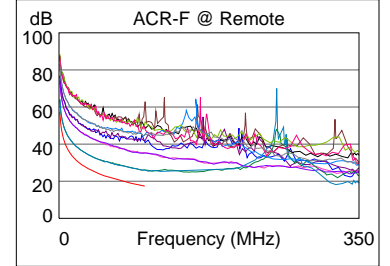
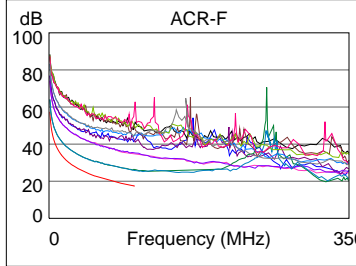
Length (m), Limit 100.0	[Pair 12]	31.2
Prop. Delay (ns), Limit 555		155
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	5.8
Insertion Loss Margin (dB)	[Pair 36]	17.4
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



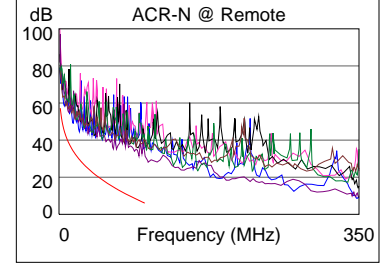
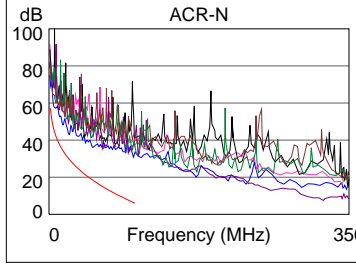
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-36	36-45	12-36	36-45
NEXT (dB)	5.0	6.4	7.0	6.4
Freq. (MHz)	23.1	92.8	98.3	92.8
Limit (dB)	40.9	30.6	30.2	30.6
Worst Pair	36	36	36	36
PS NEXT (dB)	6.8	8.3	8.0	8.9
Freq. (MHz)	23.0	38.5	97.5	92.8
Limit (dB)	38.0	34.2	27.3	27.6



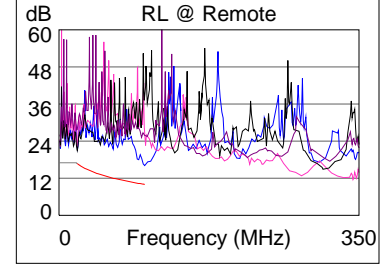
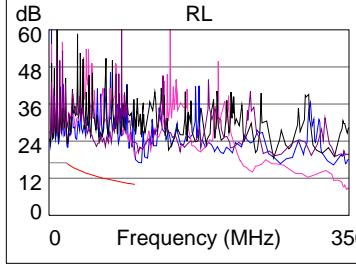
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	45-36	36-45
ACR-F (dB)	6.6	6.6	8.1	8.3
Freq. (MHz)	1.1	1.0	97.5	97.5
Limit (dB)	56.4	57.4	17.6	17.6
Worst Pair	45	45	45	45
PS ACR-F (dB)	9.1	9.1	10.8	10.6
Freq. (MHz)	2.3	2.1	96.8	98.8
Limit (dB)	47.4	47.9	14.7	14.5



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



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36	12	36	12
RL (dB)	8.7	6.1	8.7	6.1
Freq. (MHz)	100.0	100.0	100.0	100.0
Limit (dB)	10.0	10.0	10.0	10.0



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



Cable ID: D2-14

Test Summary: PASS

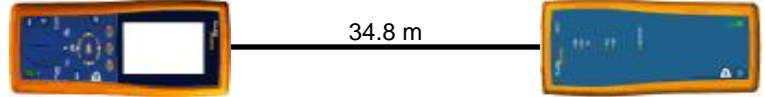
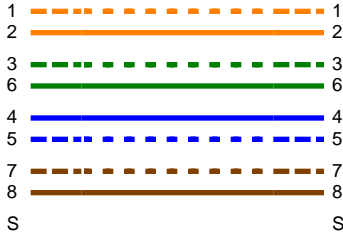
Date / Time: 08/26/2009 10:43:41am
Headroom: 8.1 dB (NEXT 12-36)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

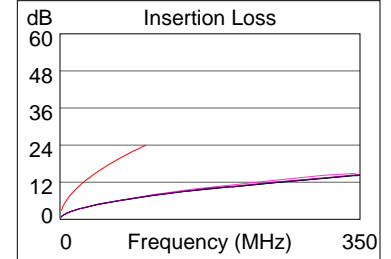
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

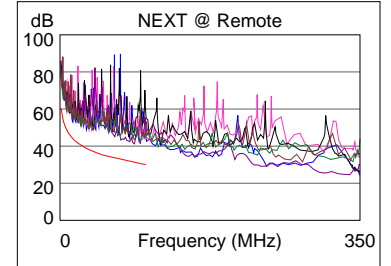
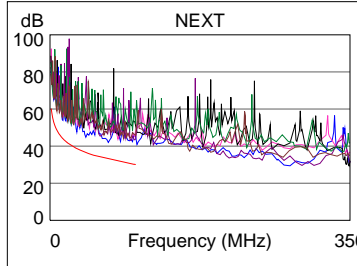
PASS



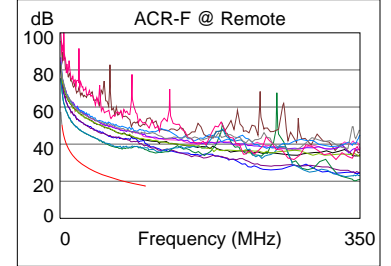
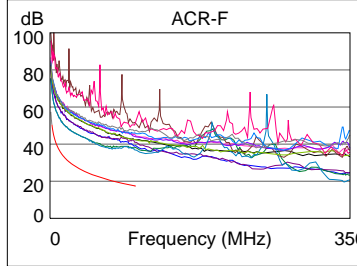
Length (m), Limit 100.0	[Pair 78]	34.8
Prop. Delay (ns), Limit 555		172
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	7.0
Insertion Loss Margin (dB)	[Pair 36]	16.5
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



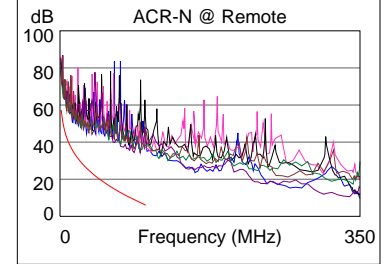
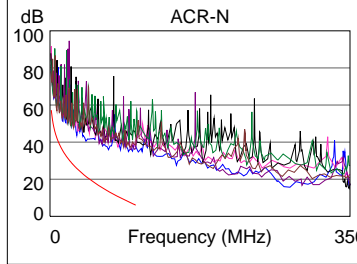
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-36	12-36	12-36	36-45
NEXT (dB)	8.1	8.7	8.9	10.0
Freq. (MHz)	41.3	14.6	68.5	86.5
Limit (dB)	36.7	44.2	32.9	31.2
Worst Pair	36	36	45	45
PS NEXT (dB)	9.9	8.8	11.8	10.5
Freq. (MHz)	14.6	14.6	94.0	86.0
Limit (dB)	41.2	41.2	27.5	28.2



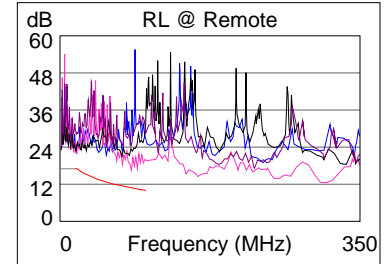
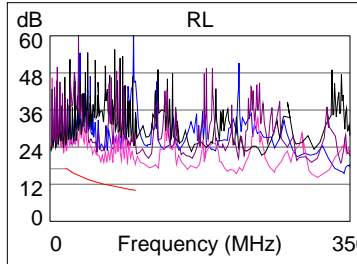
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	16.7	16.8	19.4	19.6
Freq. (MHz)	59.0	13.3	98.8	98.8
Limit (dB)	22.0	35.0	17.5	17.5
Worst Pair	36	36	36	45
PS ACR-F (dB)	18.6	18.9	20.1	21.2
Freq. (MHz)	13.3	15.8	98.8	99.8
Limit (dB)	32.0	30.5	14.5	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)	14.2	14.2	27.6	26.9
Freq. (MHz)	7.6	7.9	95.5	93.5
Limit (dB)	42.8	42.4	7.0	7.4
Worst Pair	78	78	45	36
PS ACR-N (dB)	14.9	14.3	27.9	27.5
Freq. (MHz)	7.6	7.5	94.0	93.3
Limit (dB)	39.8	39.9	4.3	4.5



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36	36	36	36
RL (dB)	5.5	4.6	7.7	5.5
Freq. (MHz)	19.4	19.1	100.0	82.8
Limit (dB)	17.0	17.0	10.0	10.8



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



Cable ID: D2-13

Test Summary: PASS

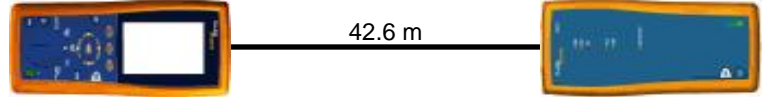
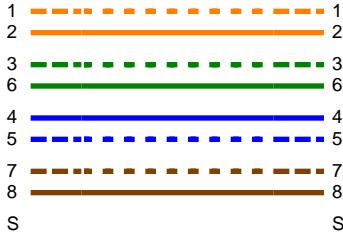
Date / Time: 08/25/2009 10:57:31am
Headroom: 2.8 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

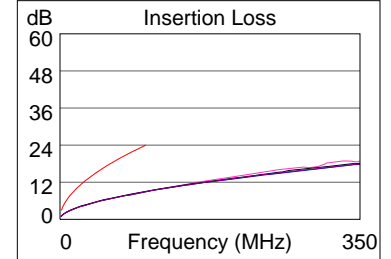
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

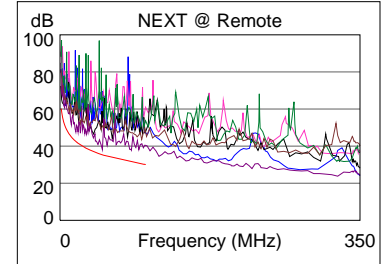
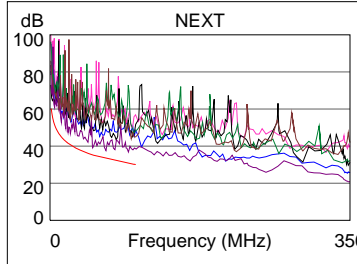
PASS



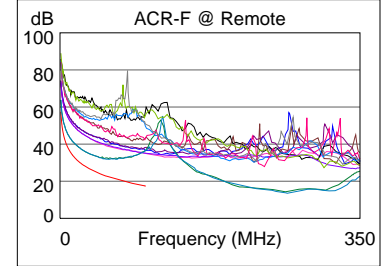
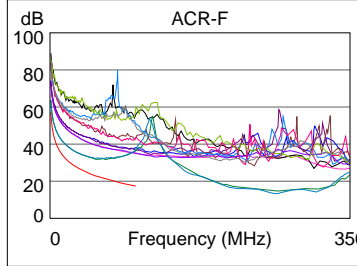
Length (m), Limit 100.0	[Pair 78]	42.6
Prop. Delay (ns), Limit 555		212
Delay Skew (ns), Limit 50		6
Resistance (ohms)	[Pair 12]	7.6
Insertion Loss Margin (dB)	[Pair 36]	15.0
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



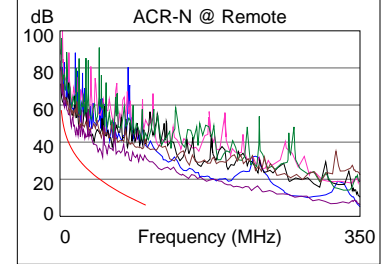
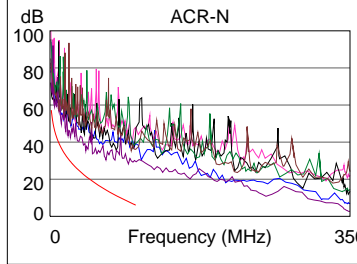
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	3.5	2.8	6.1	6.3
Freq. (MHz)	50.0	49.5	91.5	83.3
Limit (dB)	35.2	35.3	30.7	31.5
Worst Pair	36	45	36	45
PS NEXT (dB)	6.1	5.5	9.3	8.9
Freq. (MHz)	50.3	49.5	99.5	83.5
Limit (dB)	32.2	32.3	27.1	28.4



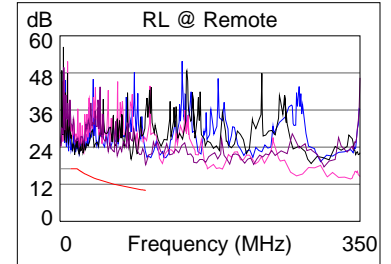
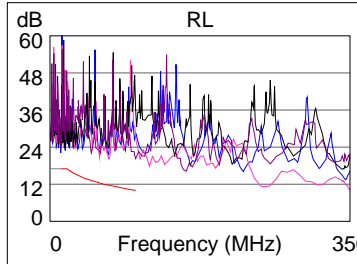
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	6.3	6.3	10.5	9.4
Freq. (MHz)	1.9	1.3	65.0	56.8
Limit (dB)	51.9	55.5	21.1	22.3
Worst Pair	45	45	45	36
PS ACR-F (dB)	8.8	8.8	12.6	12.8
Freq. (MHz)	1.9	1.3	65.0	65.0
Limit (dB)	48.9	52.5	18.1	18.1



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



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	45	78	78
RL (dB)	5.1	4.5	9.6	8.3
Freq. (MHz)	12.6	17.1	99.5	100.0
Limit (dB)	17.0	17.0	10.0	10.0



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



Cable ID: D2-08

Test Summary: PASS

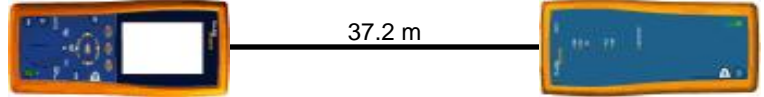
Date / Time: 08/26/2009 10:46:31am
Headroom: 7.4 dB (NEXT 12-78)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

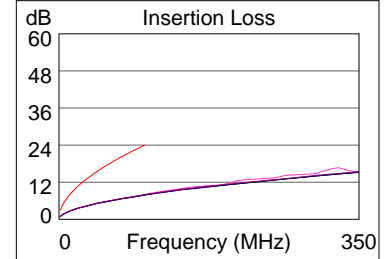
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

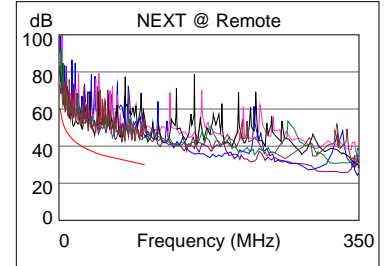
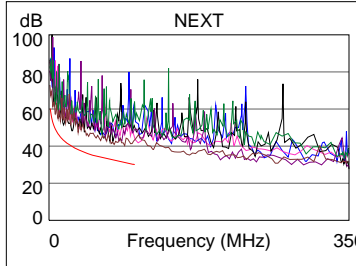
PASS



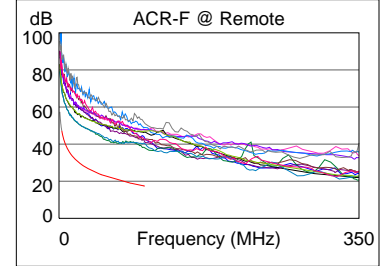
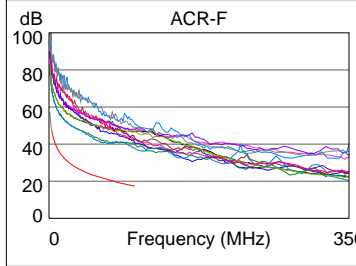
Length (m), Limit 100.0	[Pair 78]	37.2
Prop. Delay (ns), Limit 555		184
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	7.5
Insertion Loss Margin (dB)	[Pair 36]	15.9
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



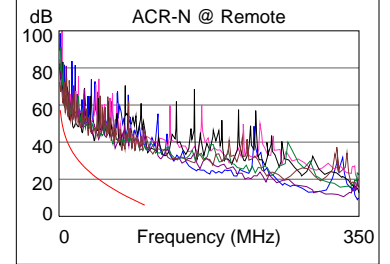
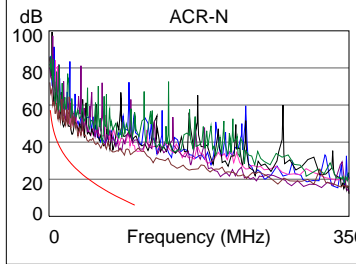
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-78	12-78	45-78	45-78
NEXT (dB)	7.7	7.4	8.2	9.8
Freq. (MHz)	7.5	16.8	76.5	73.3
Limit (dB)	49.1	43.3	32.1	32.4
Worst Pair	78	78	45	45
PS NEXT (dB)	9.0	8.7	10.4	12.1
Freq. (MHz)	16.5	16.4	88.3	94.5
Limit (dB)	40.4	40.4	28.0	27.5



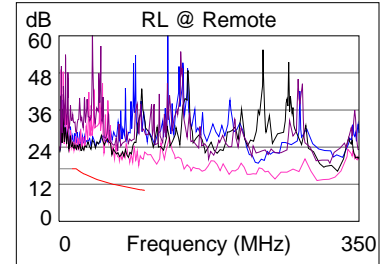
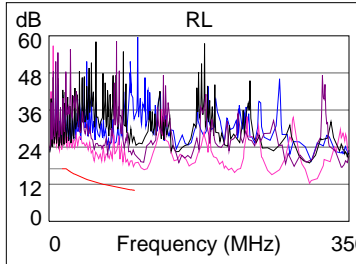
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	19.0	19.1	20.2	20.5
Freq. (MHz)	60.5	60.5	100.0	100.0
Limit (dB)	21.8	21.8	17.4	17.4
Worst Pair	36	45	36	45
PS ACR-F (dB)	20.6	21.7	20.6	22.6
Freq. (MHz)	100.0	60.3	100.0	100.0
Limit (dB)	14.4	18.8	14.4	14.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	45-78	45-78	45-78	36-78
ACR-N (dB)	10.1	10.9	24.3	28.4
Freq. (MHz)	1.6	1.6	88.3	97.5
Limit (dB)	56.9	56.9	8.6	6.6
Worst Pair	45	45	45	45
PS ACR-N (dB)	12.5	13.1	25.5	27.8
Freq. (MHz)	1.6	1.6	88.3	94.5
Limit (dB)	53.9	53.9	5.6	4.2



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36	36	36	36
RL (dB)	6.5	5.8	6.8	7.6
Freq. (MHz)	52.3	17.6	92.5	92.5
Limit (dB)	12.8	17.0	10.3	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: D2-07

Test Summary: PASS

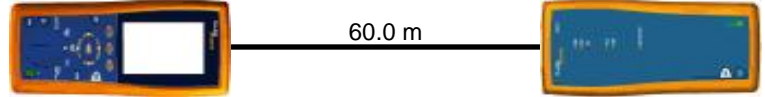
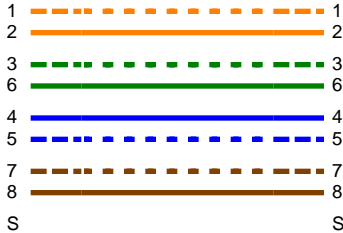
Date / Time: 08/26/2009 12:00:06pm
Headroom: 2.4 dB (NEXT 12-78)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

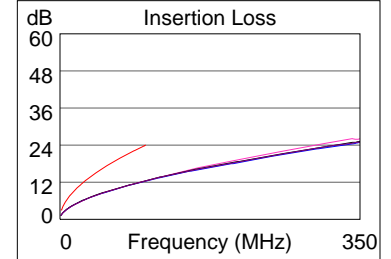
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

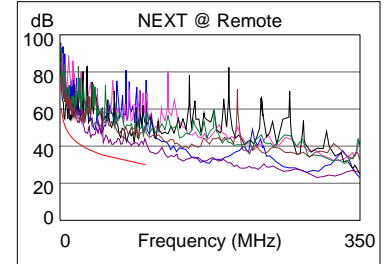
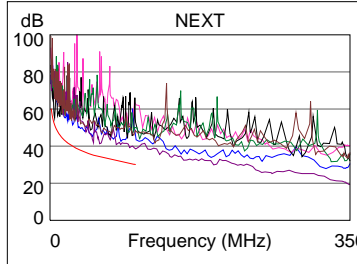
PASS



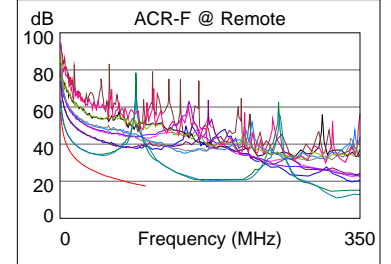
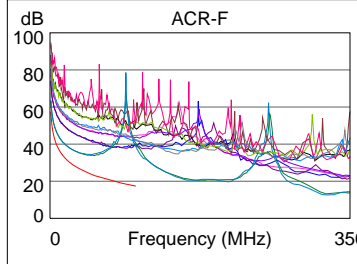
Length (m), Limit 100.0	[Pair 78]	60.0
Prop. Delay (ns), Limit 555		297
Delay Skew (ns), Limit 50		7
Resistance (ohms)	[Pair 12]	10.3
Insertion Loss Margin (dB)	[Pair 36]	11.5
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



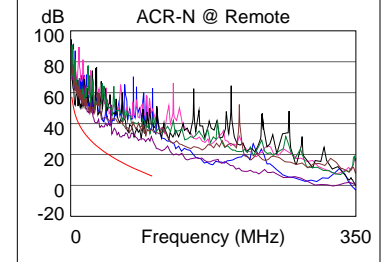
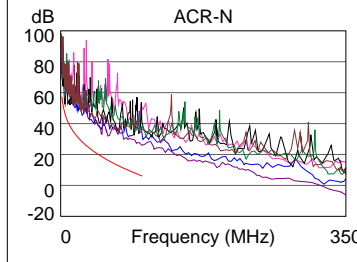
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-78	12-78	36-45	36-45
NEXT (dB)	3.4	2.4	8.3	8.5
Freq. (MHz)	5.1	5.0	99.8	92.5
Limit (dB)	51.8	52.0	30.1	30.7
Worst Pair	78	78	36	45
PS NEXT (dB)	6.0	5.0	10.3	10.4
Freq. (MHz)	5.1	5.1	100.0	92.5
Limit (dB)	48.8	48.8	27.1	27.7



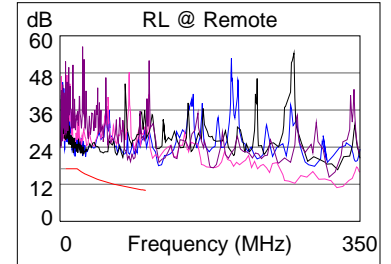
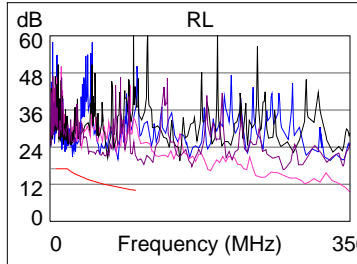
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	5.8	5.9	10.4	10.5
Freq. (MHz)	1.5	1.4	50.8	50.8
Limit (dB)	53.9	54.6	23.3	23.3
Worst Pair	36	36	45	36
PS ACR-F (dB)	8.5	8.3	13.0	12.7
Freq. (MHz)	1.4	1.5	50.8	50.8
Limit (dB)	51.6	50.9	20.3	20.3



	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)	5.9	4.9	19.8	19.5
Freq. (MHz)	5.1	5.0	99.8	92.5
Limit (dB)	46.7	47.0	6.1	7.7
Worst Pair	78	12	36	45
PS ACR-N (dB)	8.5	7.5	21.8	21.4
Freq. (MHz)	5.1	5.0	100.0	92.5
Limit (dB)	43.7	44.0	3.1	4.7



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	12	45
RL (dB)	5.1	3.8	8.8	7.0
Freq. (MHz)	26.3	17.5	79.5	67.0
Limit (dB)	15.8	17.0	11.0	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: D2-06

Test Summary: PASS

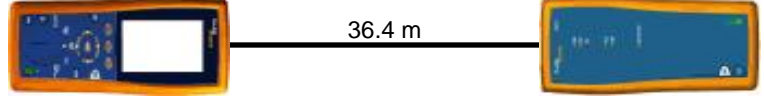
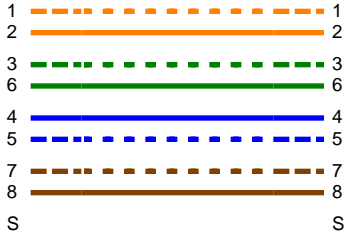
Date / Time: 08/26/2009 11:11:08am
Headroom: 6.5 dB (NEXT 12-78)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

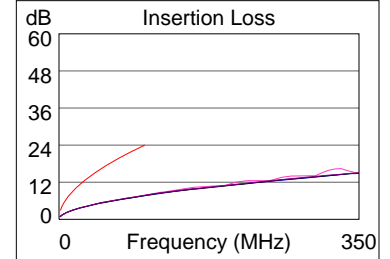
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

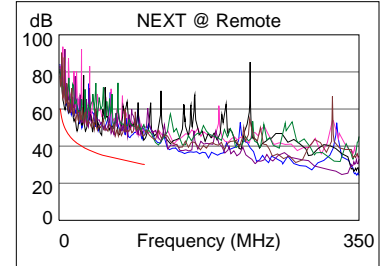
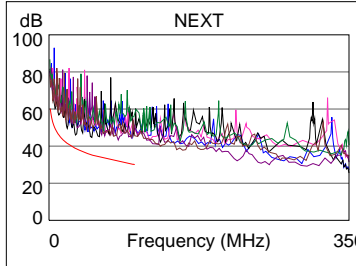
PASS



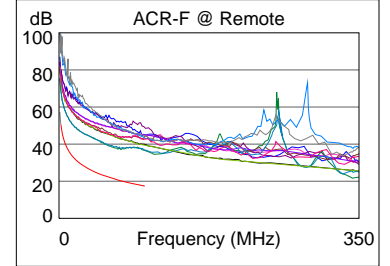
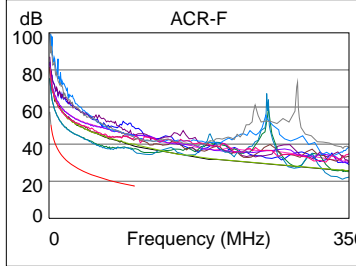
Length (m), Limit 100.0	[Pair 78]	36.4
Prop. Delay (ns), Limit 555		180
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	7.2
Insertion Loss Margin (dB)	[Pair 36]	16.2
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



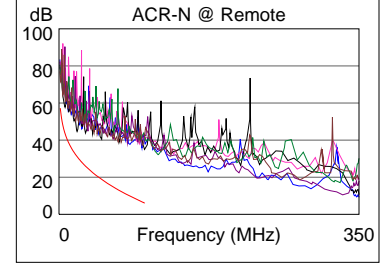
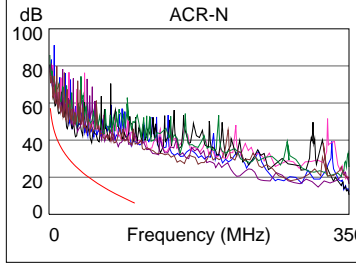
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-78	12-78	36-45	12-78
NEXT (dB)	7.1	6.5	11.1	12.6
Freq. (MHz)	31.0	21.0	80.3	99.3
Limit (dB)	38.8	41.6	31.7	30.1
Worst Pair	78	78	36	12
PS NEXT (dB)	8.9	9.0	13.5	13.0
Freq. (MHz)	31.8	21.0	96.3	99.8
Limit (dB)	35.6	38.6	27.4	27.1



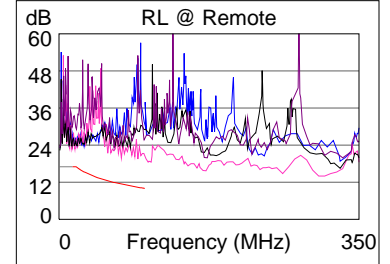
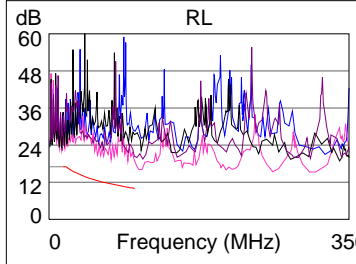
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	16.5	16.6	18.6	18.8
Freq. (MHz)	62.3	62.3	99.3	99.3
Limit (dB)	21.5	21.5	17.5	17.5
Worst Pair	36	45	36	45
PS ACR-F (dB)	18.5	18.9	20.7	20.5
Freq. (MHz)	62.0	62.5	99.0	99.3
Limit (dB)	18.6	18.5	14.5	14.5



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	45-78	12-78	36-45	12-78
ACR-N (dB)	14.5	13.5	25.6	28.8
Freq. (MHz)	1.8	21.0	80.3	99.3
Limit (dB)	56.4	31.2	10.4	6.2
Worst Pair	78	78	36	12
PS ACR-N (dB)	15.5	15.1	29.5	29.4
Freq. (MHz)	7.3	7.3	96.3	99.8
Limit (dB)	40.3	40.3	3.8	3.1



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36	36	36	36
RL (dB)	5.8	5.6	8.4	9.1
Freq. (MHz)	18.4	18.5	92.0	92.0
Limit (dB)	17.0	17.0	10.4	10.4



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



Cable ID: D2-05

Test Summary: PASS

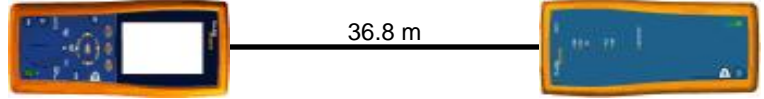
Date / Time: 08/26/2009 11:11:47am
Headroom: 9.0 dB (NEXT 45-78)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

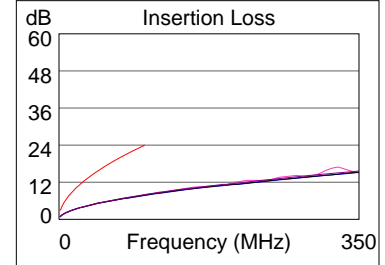
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

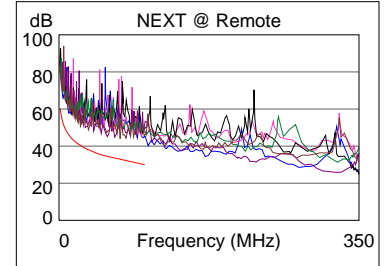
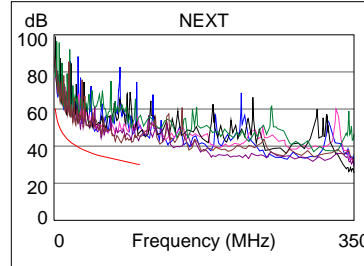
PASS



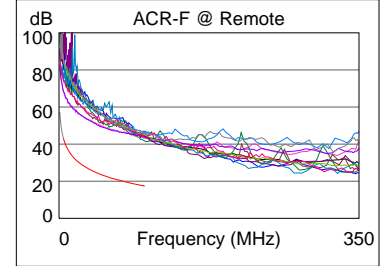
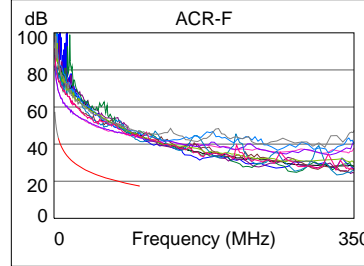
Length (m), Limit 100.0	[Pair 36]	36.8
Prop. Delay (ns), Limit 555		182
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	7.4
Insertion Loss Margin (dB)	[Pair 78]	16.0
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



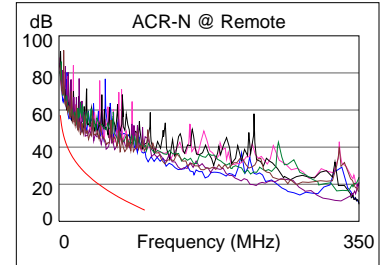
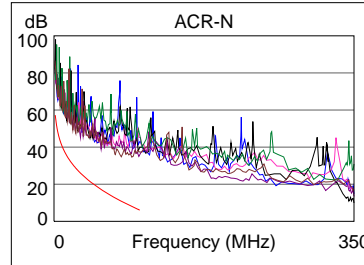
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-78	36-45	45-78	45-78
NEXT (dB)	9.0	9.4	9.0	10.5
Freq. (MHz)	77.8	55.5	77.8	77.5
Limit (dB)	32.0	34.5	32.0	32.0
Worst Pair	45	45	45	45
PS NEXT (dB)	10.3	10.3	11.3	11.9
Freq. (MHz)	71.3	55.8	90.0	77.3
Limit (dB)	29.6	31.4	27.9	29.0



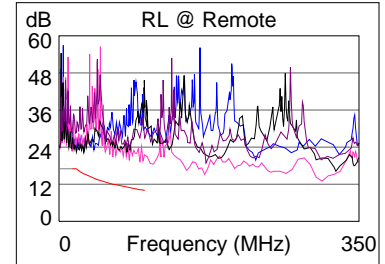
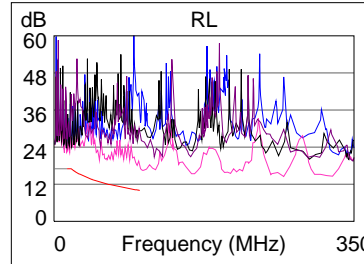
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	24.2	24.3	24.3	24.4
Freq. (MHz)	97.8	97.8	100.0	100.0
Limit (dB)	17.6	17.6	17.4	17.4
Worst Pair	36	45	36	45
PS ACR-F (dB)	24.2	24.1	24.3	24.1
Freq. (MHz)	94.5	99.8	100.0	99.8
Limit (dB)	14.9	14.4	14.4	14.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-36	12-36	45-78	45-78
ACR-N (dB)	17.2	16.8	23.1	24.5
Freq. (MHz)	4.1	4.9	77.8	77.5
Limit (dB)	48.8	47.2	11.0	11.1
Worst Pair	36	78	45	12
PS ACR-N (dB)	18.1	17.9	26.7	30.0
Freq. (MHz)	4.5	3.9	90.0	98.3
Limit (dB)	45.0	46.4	5.2	3.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36	45	36	36
RL (dB)	5.1	5.5	7.4	9.0
Freq. (MHz)	18.0	20.1	97.5	94.5
Limit (dB)	17.0	17.0	10.1	10.3



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



Cable ID: D2-04

Test Summary: PASS

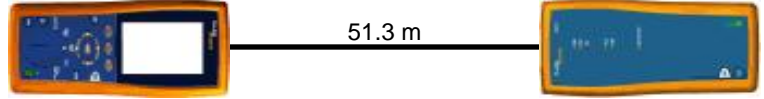
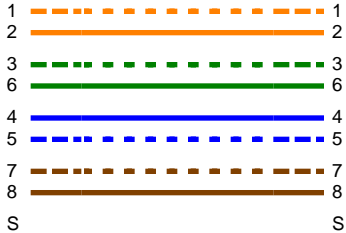
Date / Time: 08/25/2009 04:11:16pm
Headroom: 4.4 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

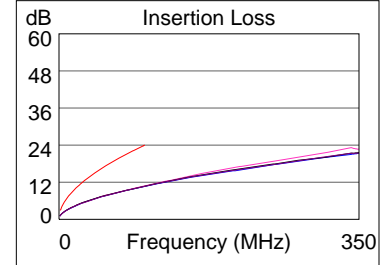
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

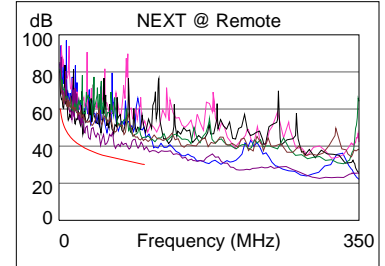
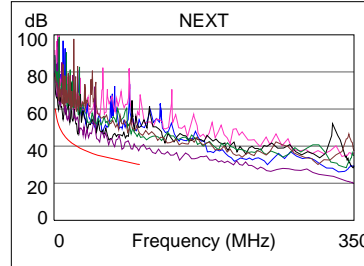
PASS



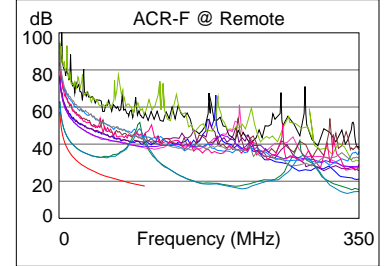
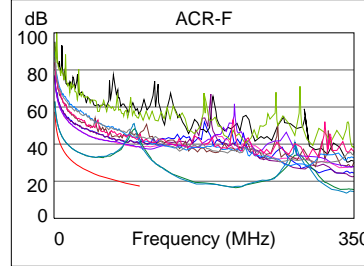
Length (m), Limit 100.0	[Pair 78]	51.3
Prop. Delay (ns), Limit 555		254
Delay Skew (ns), Limit 50		6
Resistance (ohms)	[Pair 45]	9.0
Insertion Loss Margin (dB)	[Pair 36]	13.2
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



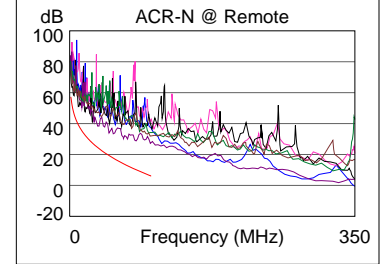
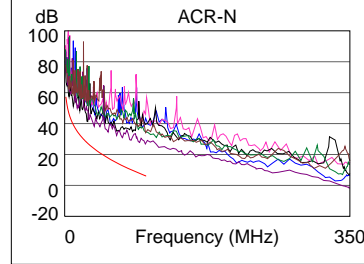
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	6.5	4.4	7.3	7.7
Freq. (MHz)	36.5	49.0	98.8	99.0
Limit (dB)	37.6	35.4	30.2	30.2
Worst Pair	36	45	45	45
PS NEXT (dB)	8.4	7.2	9.5	9.1
Freq. (MHz)	49.3	49.0	99.0	99.0
Limit (dB)	32.4	32.4	27.2	27.2



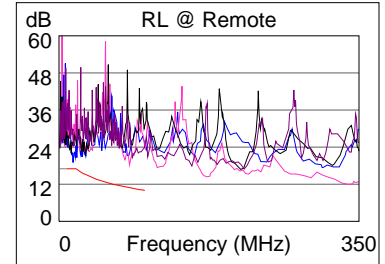
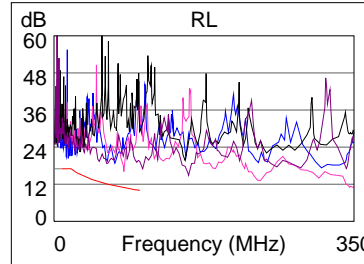
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	5.4	5.4	9.4	10.0
Freq. (MHz)	1.3	1.6	50.8	55.3
Limit (dB)	55.5	53.2	23.3	22.6
Worst Pair	36	36	45	36
PS ACR-F (dB)	8.2	8.2	11.9	12.8
Freq. (MHz)	1.6	1.3	50.8	55.8
Limit (dB)	50.2	52.5	20.3	19.5



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-78	12-78	36-45	36-45
ACR-N (dB)	10.6	9.8	20.5	20.9
Freq. (MHz)	2.1	2.1	98.8	99.0
Limit (dB)	54.8	54.8	6.3	6.3
Worst Pair	78	78	36	45
PS ACR-N (dB)	12.5	11.8	22.7	22.3
Freq. (MHz)	5.0	2.1	99.0	99.0
Limit (dB)	44.0	51.8	3.3	3.3



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	36	36
RL (dB)	3.5	2.0	5.2	6.3
Freq. (MHz)	16.6	16.4	81.5	81.8
Limit (dB)	17.0	17.0	10.9	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: D2-03

Test Summary: PASS

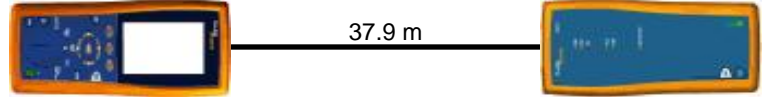
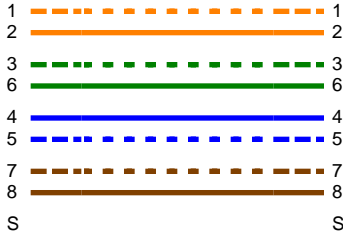
Date / Time: 08/26/2009 10:49:55am
Headroom: 8.1 dB (NEXT 45-78)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

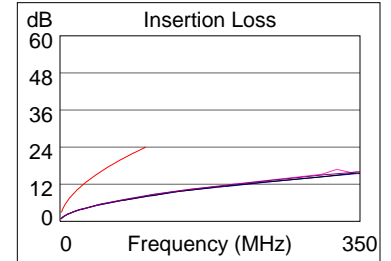
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

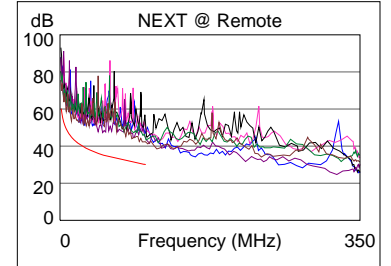
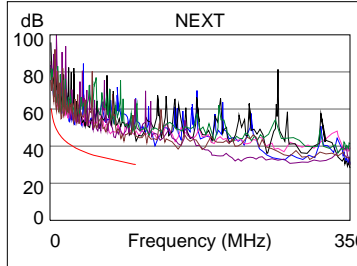
PASS



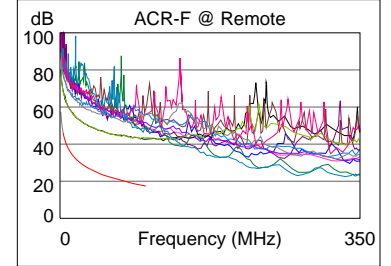
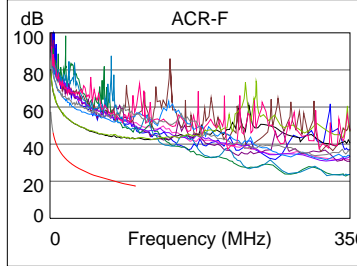
Length (m), Limit 100.0	[Pair 78]	37.9
Prop. Delay (ns), Limit 555		188
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 12]	7.5
Insertion Loss Margin (dB)	[Pair 78]	15.8
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



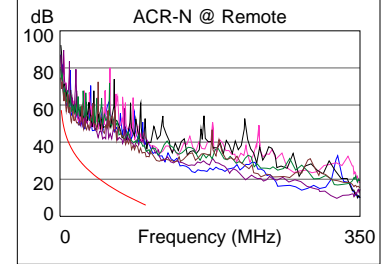
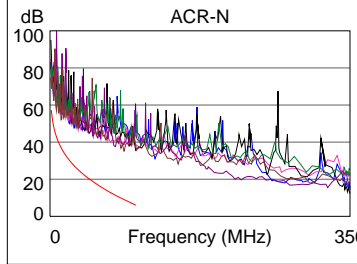
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-78	45-78	45-78	45-78
NEXT (dB)	9.2	8.1	11.5	11.3
Freq. (MHz)	13.1	13.3	86.3	100.0
Limit (dB)	45.0	45.0	31.2	30.1
Worst Pair	78	78	45	78
PS NEXT (dB)	11.0	10.0	11.3	11.9
Freq. (MHz)	13.4	13.3	86.0	100.0
Limit (dB)	41.9	42.0	28.2	27.1



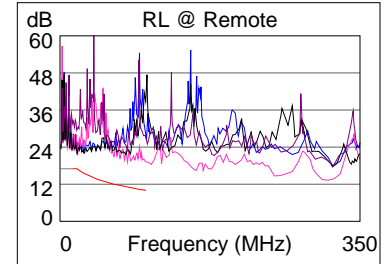
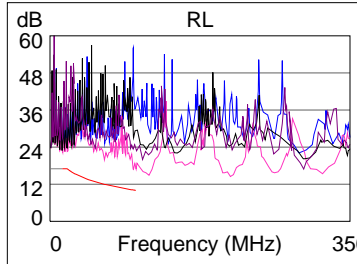
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-78	78-12	78-12	12-78
ACR-F (dB)	22.0	22.0	25.1	24.8
Freq. (MHz)	3.6	3.6	97.8	98.3
Limit (dB)	46.2	46.2	17.6	17.6
Worst Pair	78	78	12	12
PS ACR-F (dB)	24.4	24.5	26.7	27.0
Freq. (MHz)	7.6	6.1	99.5	98.8
Limit (dB)	36.8	38.7	14.4	14.5



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	45-78	45-78	45-78	45-78
ACR-N (dB)	12.6	12.6	26.1	27.1
Freq. (MHz)	1.6	1.8	86.3	100.0
Limit (dB)	56.9	56.4	9.0	6.1
Worst Pair	78	78	45	78
PS ACR-N (dB)	14.6	14.5	26.0	27.7
Freq. (MHz)	1.6	1.6	86.0	100.0
Limit (dB)	53.9	53.9	6.1	3.1



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36	45	36	36
RL (dB)	5.2	4.9	6.7	7.9
Freq. (MHz)	20.4	19.9	97.3	97.0
Limit (dB)	16.9	17.0	10.1	10.1



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



Cable ID: D2-02

Test Summary: PASS

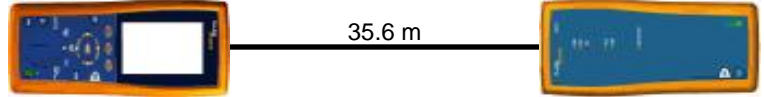
Date / Time: 08/25/2009 03:46:32pm
Headroom: 4.7 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

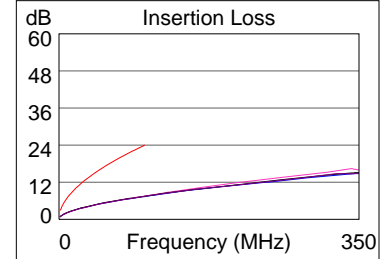
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

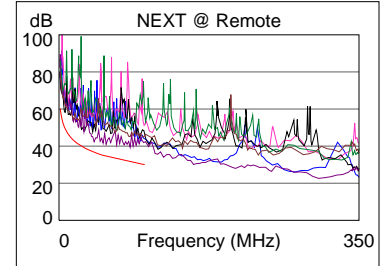
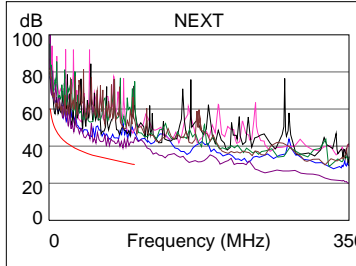
PASS



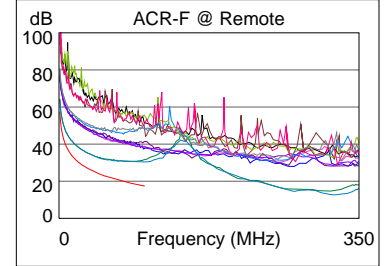
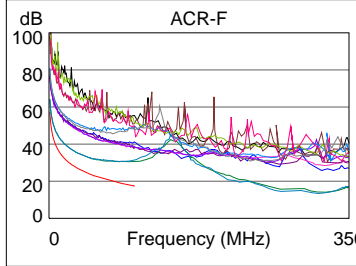
Length (m), Limit 100.0	[Pair 78]	35.6
Prop. Delay (ns), Limit 555		176
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	6.4
Insertion Loss Margin (dB)	[Pair 36]	16.4
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



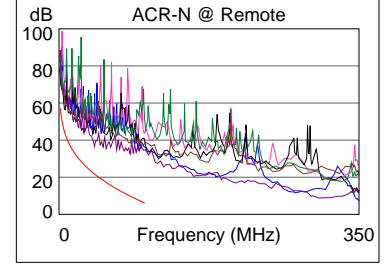
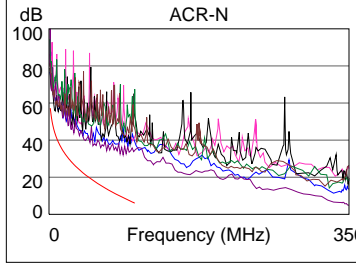
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	5.7	4.7	7.8	7.9
Freq. (MHz)	41.8	41.8	86.3	83.0
Limit (dB)	36.6	36.6	31.2	31.5
Worst Pair	36	45	36	45
PS NEXT (dB)	7.9	7.5	9.3	9.8
Freq. (MHz)	41.5	41.8	76.8	83.0
Limit (dB)	33.6	33.6	29.1	28.5



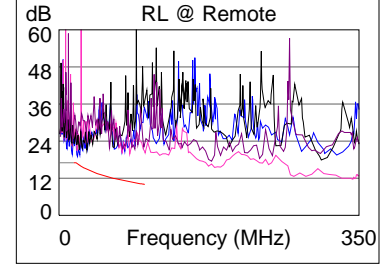
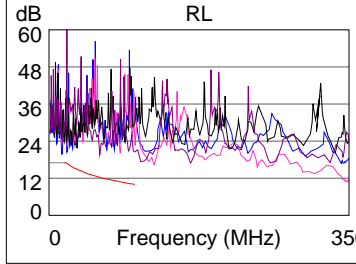
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	36-45	36-45
ACR-F (dB)	6.7	6.7	10.7	11.2
Freq. (MHz)	1.1	1.1	76.0	81.3
Limit (dB)	56.4	56.4	19.8	19.2
Worst Pair	45	45	45	36
PS ACR-F (dB)	9.4	9.4	15.0	15.3
Freq. (MHz)	1.0	1.1	96.8	98.5
Limit (dB)	54.4	53.4	14.7	14.5



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-78	12-78	36-45	36-45
ACR-N (dB)	11.5	12.1	23.1	22.8
Freq. (MHz)	6.6	6.5	86.3	83.0
Limit (dB)	44.2	44.4	9.0	9.8
Worst Pair	12	78	36	36
PS ACR-N (dB)	13.6	13.8	25.7	26.7
Freq. (MHz)	6.6	6.6	86.3	92.8
Limit (dB)	41.2	41.2	6.0	4.6



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	78	12
RL (dB)	3.2	2.0	7.2	2.0
Freq. (MHz)	21.1	21.1	59.5	21.1
Limit (dB)	16.8	16.8	12.3	16.8



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: D1-43

Test Summary: PASS

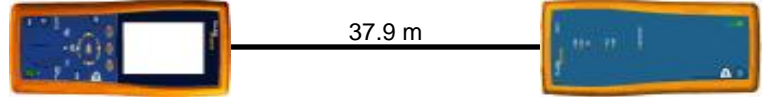
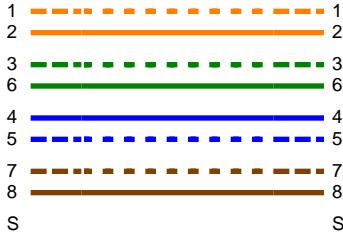
Date / Time: 08/25/2009 03:47:31pm
Headroom: 5.2 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

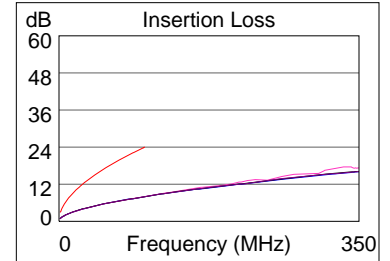
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

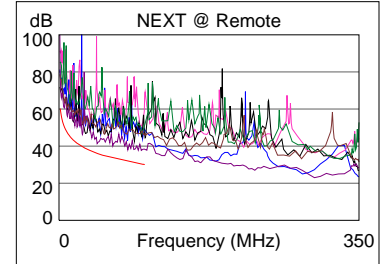
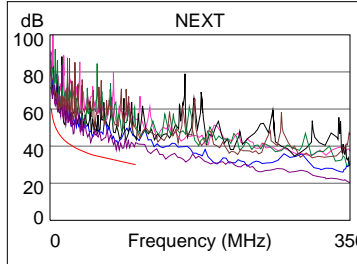
PASS



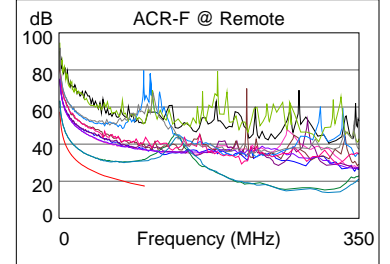
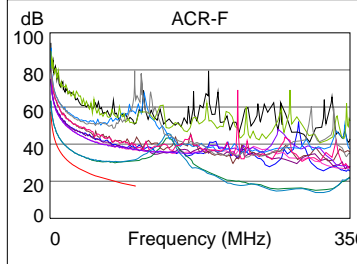
Length (m), Limit 100.0	[Pair 78]	37.9
Prop. Delay (ns), Limit 555		188
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 12]	6.8
Insertion Loss Margin (dB)	[Pair 36]	16.0
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



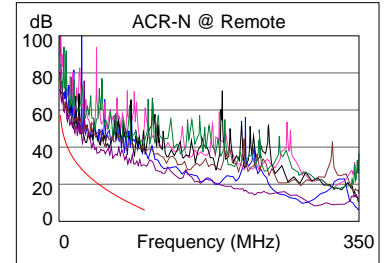
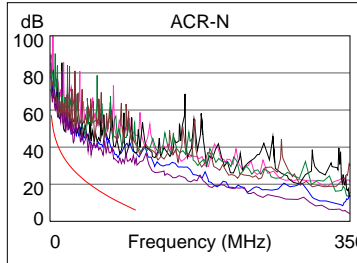
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	5.7	5.2	5.8	7.0
Freq. (MHz)	48.0	44.8	80.3	98.5
Limit (dB)	35.5	36.1	31.7	30.2
Worst Pair	36	36	36	36
PS NEXT (dB)	7.3	7.9	7.3	9.1
Freq. (MHz)	80.0	44.8	80.0	98.3
Limit (dB)	28.7	33.1	28.7	27.2



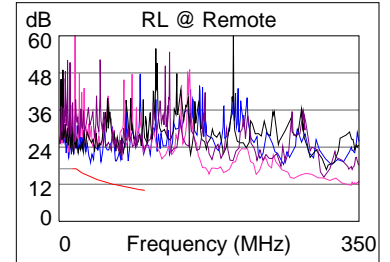
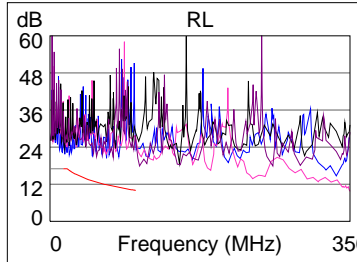
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	36-45	45-36
ACR-F (dB)	5.7	5.7	10.1	10.2
Freq. (MHz)	1.1	1.1	75.8	75.8
Limit (dB)	56.4	56.4	19.8	19.8
Worst Pair	36	36	45	36
PS ACR-F (dB)	8.3	8.4	12.5	12.3
Freq. (MHz)	1.1	2.3	75.5	75.8
Limit (dB)	53.4	47.4	16.8	16.8



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-78	12-78	36-45	36-45
ACR-N (dB)	11.5	11.0	20.0	22.8
Freq. (MHz)	1.5	1.4	80.3	98.5
Limit (dB)	57.0	57.0	10.4	6.4
Worst Pair	12	78	36	36
PS ACR-N (dB)	13.9	12.4	21.5	24.9
Freq. (MHz)	1.5	1.4	80.0	98.3
Limit (dB)	54.0	54.0	7.5	3.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	78	12
RL (dB)	4.7	4.4	8.4	4.4
Freq. (MHz)	17.0	37.0	73.3	37.0
Limit (dB)	17.0	14.3	11.4	14.3



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: D1-42

Test Summary: PASS

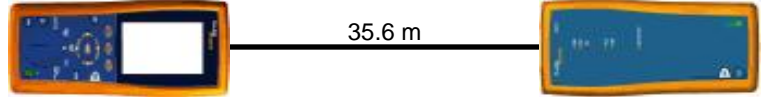
Date / Time: 08/25/2009 03:46:32pm
Headroom: 4.7 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

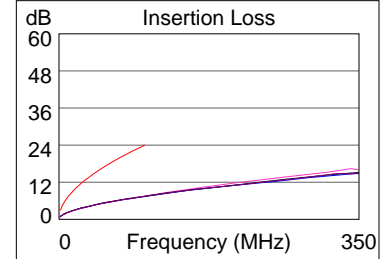
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

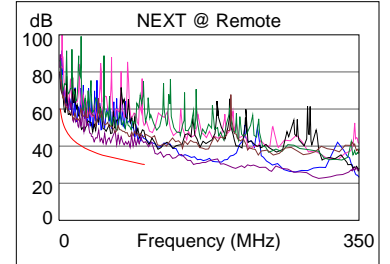
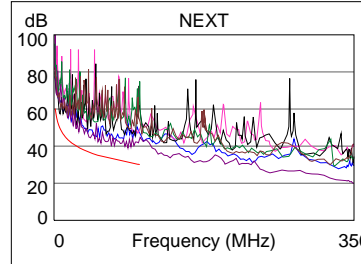
PASS



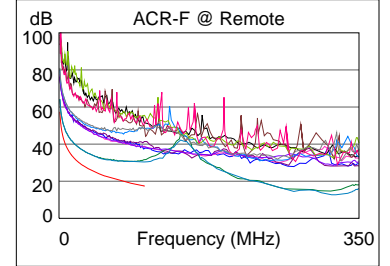
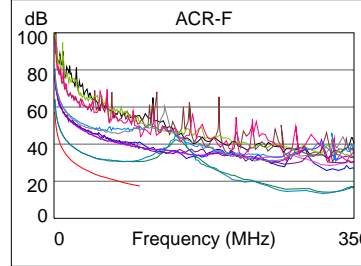
Length (m), Limit 100.0	[Pair 78]	35.6
Prop. Delay (ns), Limit 555		176
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	6.4
Insertion Loss Margin (dB)	[Pair 36]	16.4
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



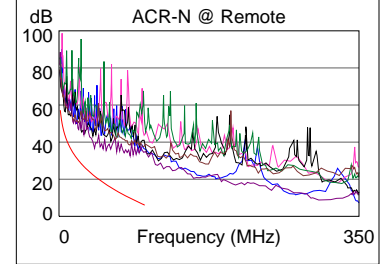
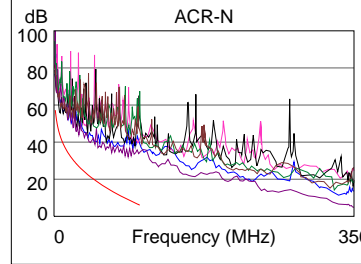
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	5.7	4.7	7.8	7.9
Freq. (MHz)	41.8	41.8	86.3	83.0
Limit (dB)	36.6	36.6	31.2	31.5
Worst Pair	36	45	36	45
PS NEXT (dB)	7.9	7.5	9.3	9.8
Freq. (MHz)	41.5	41.8	76.8	83.0
Limit (dB)	33.6	33.6	29.1	28.5



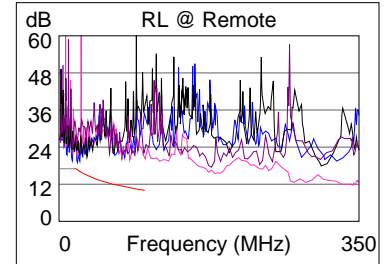
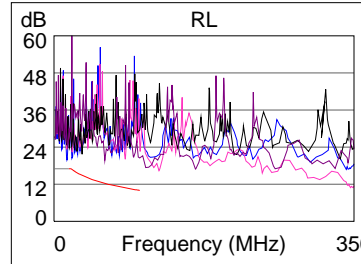
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	36-45	36-45
ACR-F (dB)	6.7	6.7	10.7	11.2
Freq. (MHz)	1.1	1.1	76.0	81.3
Limit (dB)	56.4	56.4	19.8	19.2
Worst Pair	45	45	45	36
PS ACR-F (dB)	9.4	9.4	15.0	15.3
Freq. (MHz)	1.0	1.1	96.8	98.5
Limit (dB)	54.4	53.4	14.7	14.5



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-78	12-78	36-45	36-45
ACR-N (dB)	11.5	12.1	23.1	22.8
Freq. (MHz)	6.6	6.5	86.3	83.0
Limit (dB)	44.2	44.4	9.0	9.8
Worst Pair	12	78	36	36
PS ACR-N (dB)	13.6	13.8	25.7	26.7
Freq. (MHz)	6.6	6.6	86.3	92.8
Limit (dB)	41.2	41.2	6.0	4.6



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	78	12
RL (dB)	3.2	2.0	7.2	2.0
Freq. (MHz)	21.1	21.1	59.5	21.1
Limit (dB)	16.8	16.8	12.3	16.8



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: D1-41

Test Summary: PASS

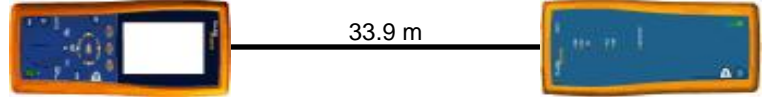
Date / Time: 08/25/2009 03:44:00pm
Headroom: 5.7 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

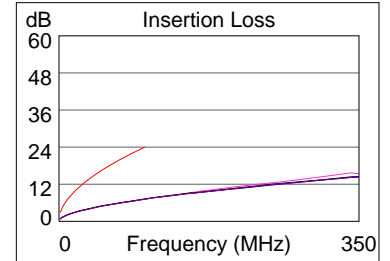
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

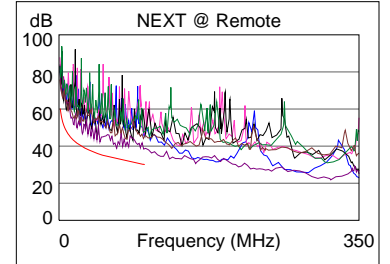
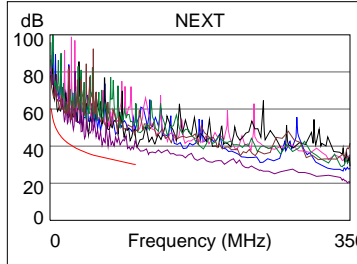
PASS



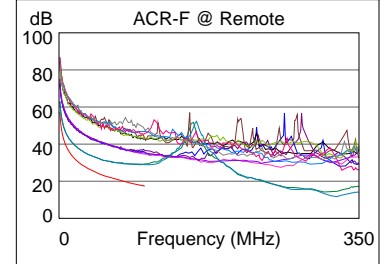
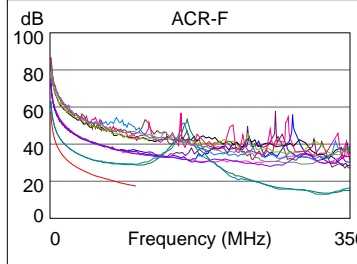
Length (m), Limit 100.0	[Pair 78]	33.9
Prop. Delay (ns), Limit 555		168
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	6.2
Insertion Loss Margin (dB)	[Pair 36]	16.8
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



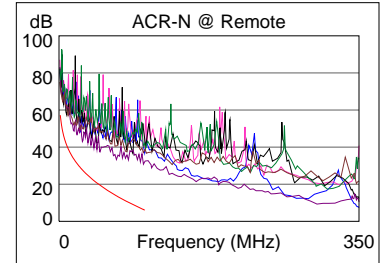
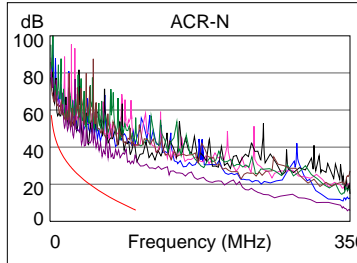
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	6.6	5.7	7.0	7.7
Freq. (MHz)	40.8	67.5	94.5	98.3
Limit (dB)	36.8	33.0	30.5	30.2
Worst Pair	36	45	36	45
PS NEXT (dB)	9.3	8.0	9.5	9.3
Freq. (MHz)	40.8	67.3	94.5	98.5
Limit (dB)	33.8	30.0	27.5	27.2



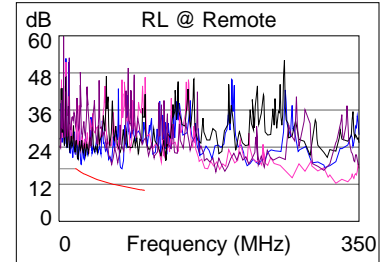
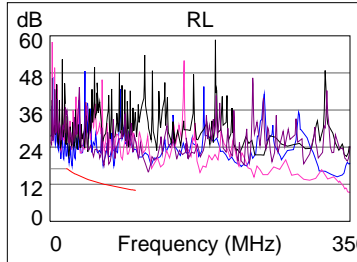
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	36-45	36-45
ACR-F (dB)	5.6	5.6	10.4	10.3
Freq. (MHz)	1.0	1.0	88.8	88.8
Limit (dB)	57.4	57.4	18.4	18.4
Worst Pair	36	36	45	36
PS ACR-F (dB)	8.2	8.2	12.7	13.5
Freq. (MHz)	1.0	1.0	92.0	99.5
Limit (dB)	54.4	54.4	15.1	14.4



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	45-78	45-78	36-45	36-45
ACR-N (dB)	15.2	13.7	23.3	24.3
Freq. (MHz)	1.6	2.0	94.5	98.3
Limit (dB)	56.9	55.3	7.2	6.4
Worst Pair	78	78	36	45
PS ACR-N (dB)	15.2	14.2	25.9	25.9
Freq. (MHz)	1.6	2.0	94.5	98.5
Limit (dB)	53.9	52.3	4.2	3.4



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	78	12
RL (dB)	2.0	2.5	5.5	5.7
Freq. (MHz)	25.5	25.8	69.3	73.5
Limit (dB)	15.9	15.9	11.6	11.3



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



Cable ID: D1-40

Test Summary: PASS

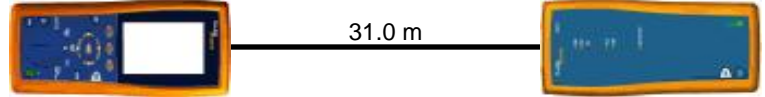
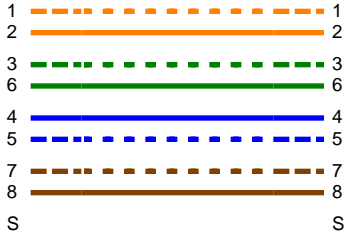
Date / Time: 08/25/2009 03:45:00pm
Headroom: 4.2 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

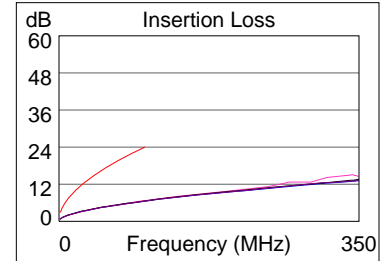
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

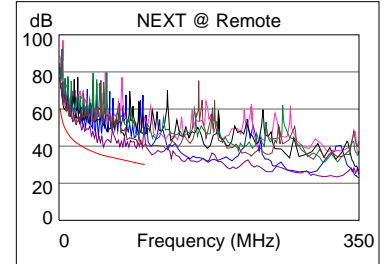
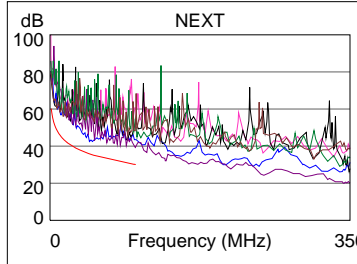
PASS



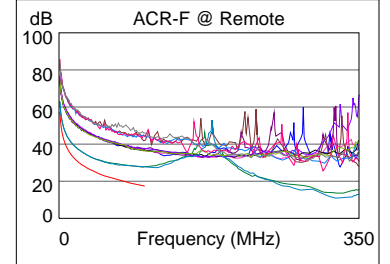
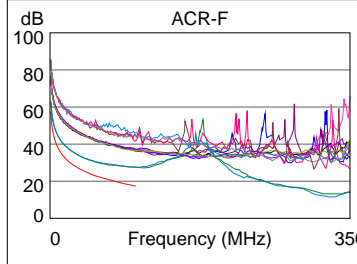
Length (m), Limit 100.0	[Pair 78]	31.0
Prop. Delay (ns), Limit 555		153
Delay Skew (ns), Limit 50		3
Resistance (ohms)	[Pair 12]	5.7
Insertion Loss Margin (dB)	[Pair 36]	17.3
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



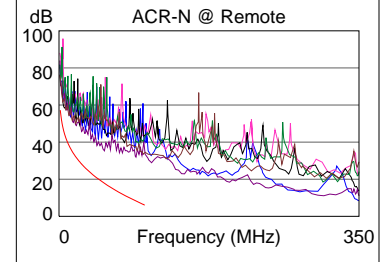
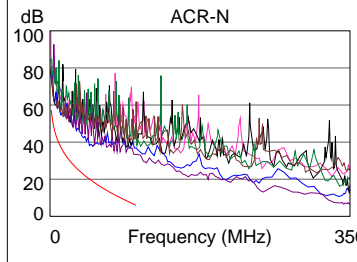
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-36	36-45	36-45	36-45
NEXT (dB)	6.5	4.2	7.9	7.2
Freq. (MHz)	46.3	52.0	100.0	89.5
Limit (dB)	35.8	35.0	30.1	30.9
Worst Pair	36	45	36	36
PS NEXT (dB)	8.5	7.0	9.6	8.9
Freq. (MHz)	52.0	52.0	100.0	89.3
Limit (dB)	32.0	32.0	27.1	27.9



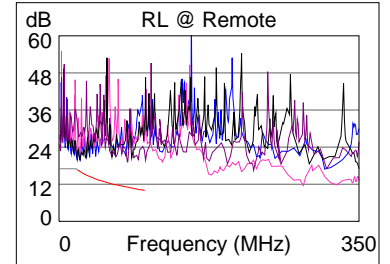
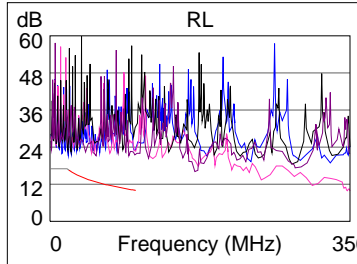
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	36-45	45-36
ACR-F (dB)	5.4	5.4	9.5	9.8
Freq. (MHz)	1.0	1.0	93.5	97.8
Limit (dB)	57.4	57.4	18.0	17.6
Worst Pair	36	45	36	36
PS ACR-F (dB)	8.1	8.2	12.4	12.4
Freq. (MHz)	1.0	1.0	98.8	98.5
Limit (dB)	54.4	54.4	14.5	14.5



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-78	12-78	36-45	36-45
ACR-N (dB)	14.2	13.0	25.3	23.6
Freq. (MHz)	4.8	5.4	100.0	89.5
Limit (dB)	47.5	46.3	6.1	8.3
Worst Pair	12	78	36	45
PS ACR-N (dB)	14.7	13.6	26.9	26.7
Freq. (MHz)	4.9	4.5	100.0	97.3
Limit (dB)	44.2	45.0	3.1	3.6



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	78	78
RL (dB)	5.3	3.7	10.3	8.2
Freq. (MHz)	24.8	24.6	100.0	80.0
Limit (dB)	16.1	16.1	10.0	11.0



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



Cable ID: D1-39

Test Summary: PASS

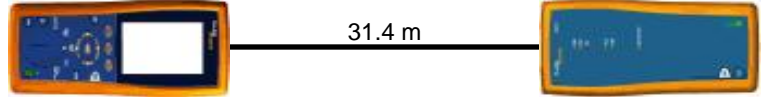
Date / Time: 08/25/2009 03:32:11pm
 Headroom: 5.6 dB (NEXT 36-45)
 Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

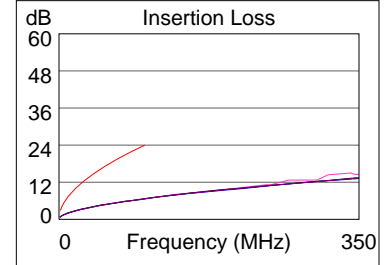
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

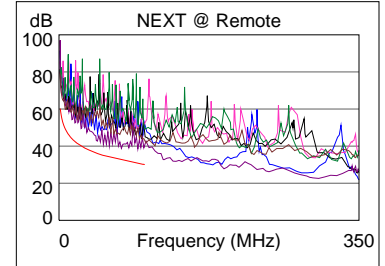
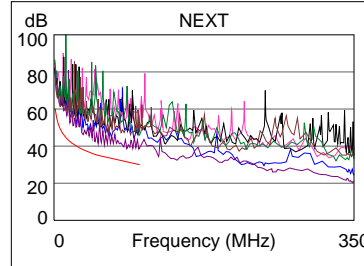
PASS



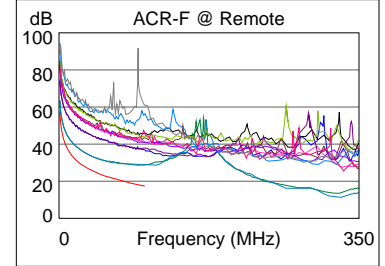
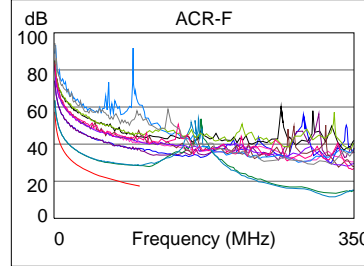
Length (m), Limit 100.0	[Pair 78]	31.4
Prop. Delay (ns), Limit 555		156
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	5.8
Insertion Loss Margin (dB)	[Pair 36]	17.3
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



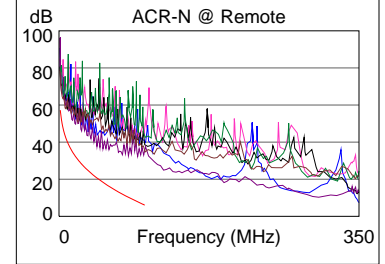
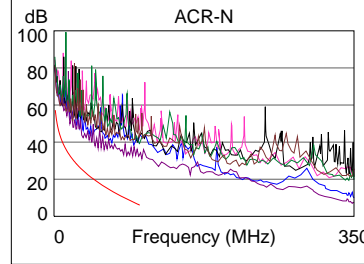
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	6.4	5.6	8.0	5.6
Freq. (MHz)	51.3	73.3	99.5	73.3
Limit (dB)	35.1	32.4	30.1	32.4
Worst Pair	36	36	36	45
PS NEXT (dB)	8.8	8.1	10.1	10.2
Freq. (MHz)	33.3	44.3	99.5	99.5
Limit (dB)	35.3	33.1	27.1	27.1



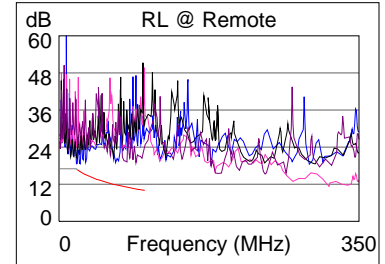
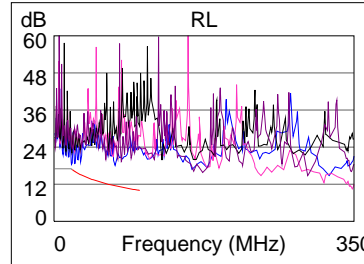
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	36-45	45-36
ACR-F (dB)	6.0	6.0	10.6	10.6
Freq. (MHz)	1.0	1.0	97.0	96.8
Limit (dB)	57.4	57.4	17.7	17.7
Worst Pair	36	36	36	36
PS ACR-F (dB)	8.6	8.8	12.8	13.0
Freq. (MHz)	1.0	1.0	92.8	97.3
Limit (dB)	54.4	54.4	15.1	14.6



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	45-78	36-45	36-45
ACR-N (dB)	14.6	14.5	25.2	24.4
Freq. (MHz)	3.0	3.1	99.5	92.0
Limit (dB)	51.7	51.4	6.2	7.8
Worst Pair	45	45	36	45
PS ACR-N (dB)	14.7	14.3	27.3	27.4
Freq. (MHz)	3.1	2.8	99.5	99.5
Limit (dB)	48.4	49.5	3.2	3.2



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	12	78
RL (dB)	2.2	2.0	5.7	6.9
Freq. (MHz)	24.3	24.3	70.5	78.5
Limit (dB)	16.2	16.2	11.5	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: D1-38

Test Summary: PASS

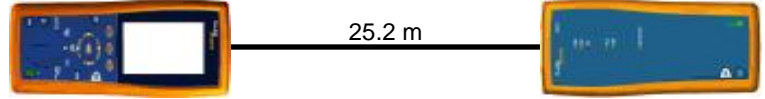
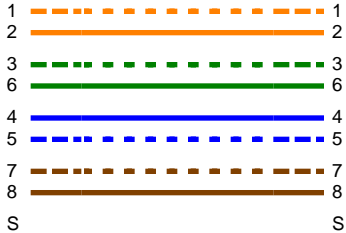
Date / Time: 08/25/2009 03:35:46pm
Headroom: 4.1 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

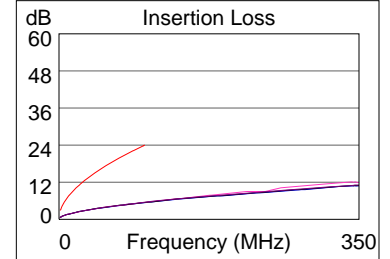
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

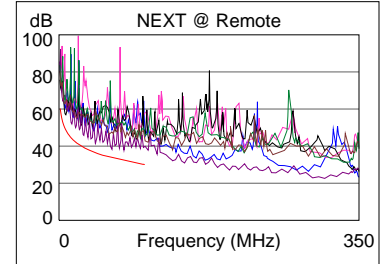
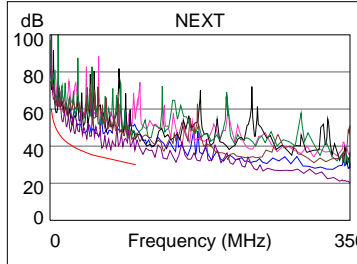
PASS



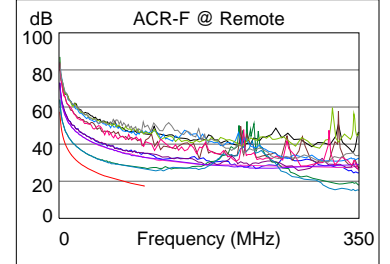
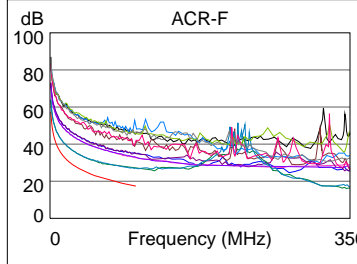
Length (m), Limit 100.0	[Pair 78]	25.2
Prop. Delay (ns), Limit 555		125
Delay Skew (ns), Limit 50		3
Resistance (ohms)	[Pair 12]	4.8
Insertion Loss Margin (dB)	[Pair 36]	18.5
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



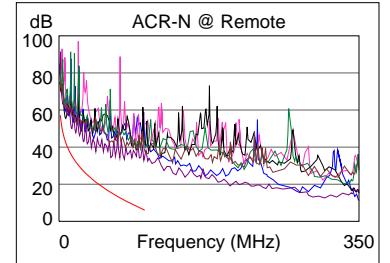
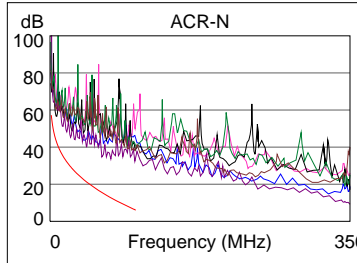
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	4.6	4.1	7.6	5.6
Freq. (MHz)	61.0	61.0	99.3	75.8
Limit (dB)	33.8	33.8	30.1	32.2
Worst Pair	36	45	45	45
PS NEXT (dB)	7.2	6.6	9.5	10.0
Freq. (MHz)	61.0	61.0	99.3	99.5
Limit (dB)	30.8	30.8	27.1	27.1



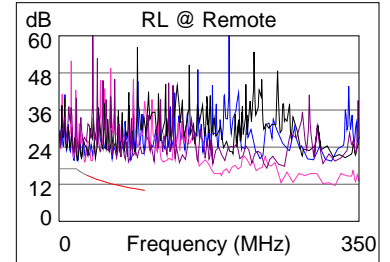
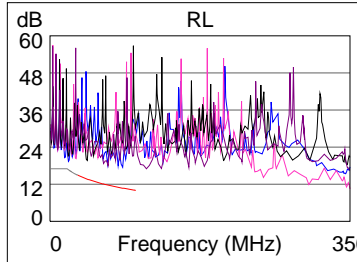
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	6.3	6.3	9.2	9.1
Freq. (MHz)	1.0	1.0	98.0	98.0
Limit (dB)	57.4	57.4	17.6	17.6
Worst Pair	45	36	45	36
PS ACR-F (dB)	8.8	8.8	11.2	11.3
Freq. (MHz)	1.0	1.0	98.0	97.0
Limit (dB)	54.4	54.4	14.6	14.7



	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: D1-37

Test Summary: PASS

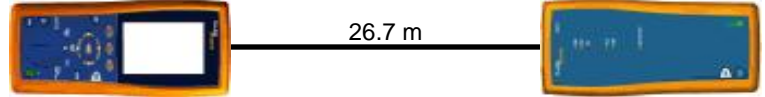
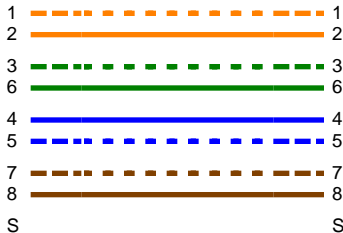
Date / Time: 08/25/2009 03:28:20pm
Headroom: 4.7 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

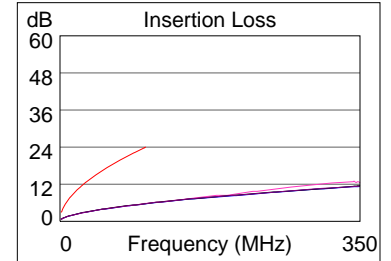
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

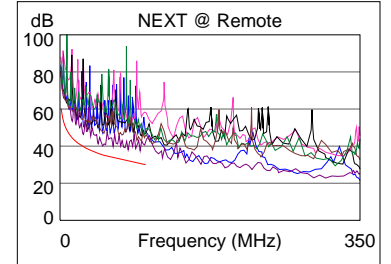
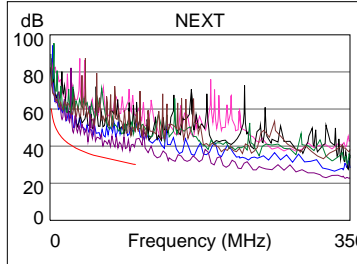
PASS



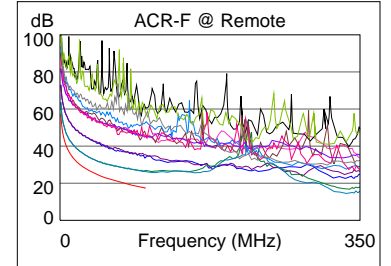
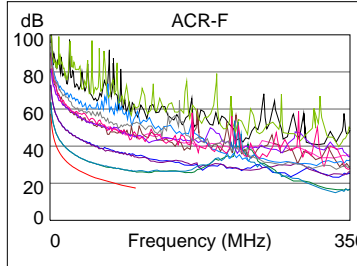
Length (m), Limit 100.0	[Pair 78]	26.7
Prop. Delay (ns), Limit 555		132
Delay Skew (ns), Limit 50		3
Resistance (ohms)	[Pair 12]	5.0
Insertion Loss Margin (dB)	[Pair 36]	18.2
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



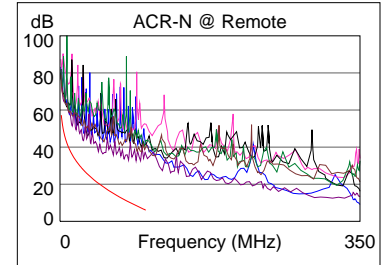
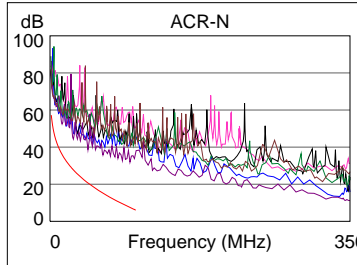
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	6.2	4.7	6.7	7.0
Freq. (MHz)	44.3	49.3	93.5	93.5
Limit (dB)	36.1	35.4	30.6	30.6
Worst Pair	36	36	36	45
PS NEXT (dB)	8.3	7.0	9.2	8.9
Freq. (MHz)	44.5	49.5	93.5	93.8
Limit (dB)	33.1	32.3	27.6	27.6



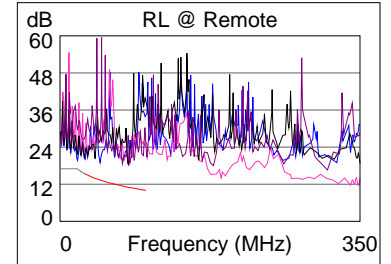
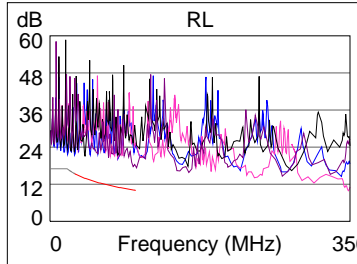
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	6.1	6.1	8.5	8.5
Freq. (MHz)	1.0	1.1	96.8	96.8
Limit (dB)	57.4	56.4	17.7	17.7
Worst Pair	36	36	36	36
PS ACR-F (dB)	8.7	8.6	11.3	11.2
Freq. (MHz)	1.1	1.0	97.5	100.0
Limit (dB)	53.4	54.4	14.6	14.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	45-78	36-45	36-45	36-45
ACR-N (dB)	16.1	15.3	24.4	24.7
Freq. (MHz)	2.9	14.0	93.5	93.5
Limit (dB)	52.1	36.1	7.4	7.4
Worst Pair	45	78	36	45
PS ACR-N (dB)	16.9	15.6	26.9	26.6
Freq. (MHz)	3.1	1.6	93.5	93.8
Limit (dB)	48.4	53.9	4.4	4.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45	12	78	45
RL (dB)	7.2	5.5	7.5	7.4
Freq. (MHz)	40.8	29.8	96.8	79.5
Limit (dB)	13.9	15.3	10.2	11.0



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



Cable ID: D1-36

Test Summary: PASS

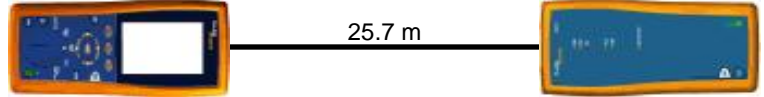
Date / Time: 08/25/2009 03:36:49pm
 Headroom: 5.3 dB (NEXT 36-45)
 Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

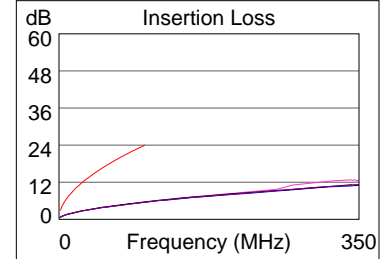
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

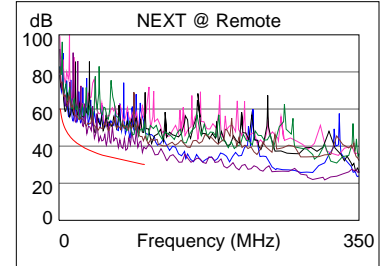
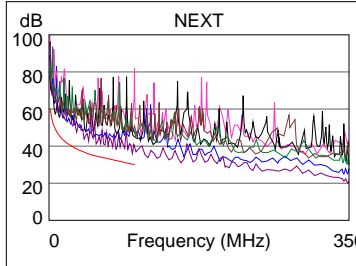
PASS



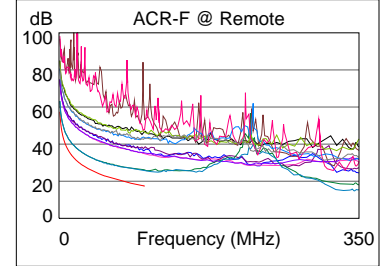
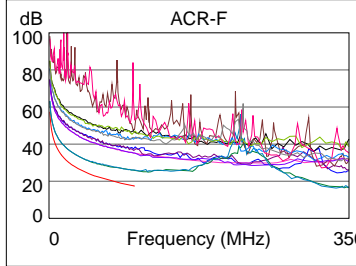
Length (m), Limit 100.0	[Pair 78]	25.7
Prop. Delay (ns), Limit 555		127
Delay Skew (ns), Limit 50		3
Resistance (ohms)	[Pair 12]	4.8
Insertion Loss Margin (dB)	[Pair 36]	18.4
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



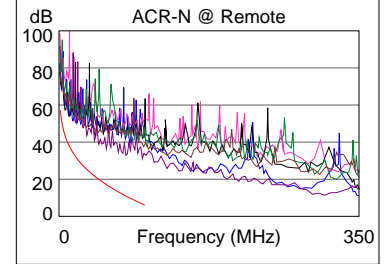
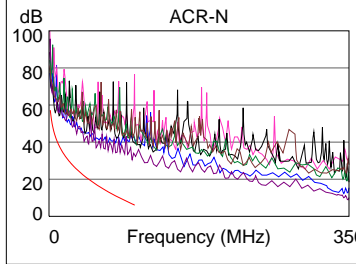
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	5.7	5.3	5.7	6.3
Freq. (MHz)	97.0	78.5	97.0	97.3
Limit (dB)	30.3	31.9	30.3	30.3
Worst Pair	36	36	36	45
PS NEXT (dB)	8.0	7.5	8.2	8.5
Freq. (MHz)	55.5	78.5	97.0	97.5
Limit (dB)	31.5	28.9	27.3	27.3



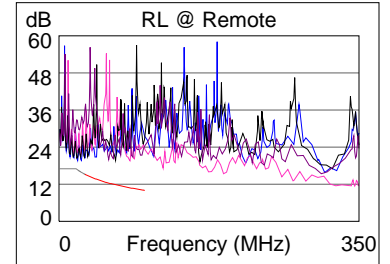
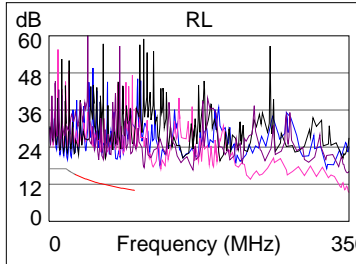
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	5.7	5.6	8.2	8.2
Freq. (MHz)	1.0	1.1	100.0	100.0
Limit (dB)	57.4	56.4	17.4	17.4
Worst Pair	45	45	45	36
PS ACR-F (dB)	8.3	8.3	10.6	10.9
Freq. (MHz)	1.0	1.1	100.0	100.0
Limit (dB)	54.4	53.4	14.4	14.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-78	12-78	36-45	36-45
ACR-N (dB)	12.7	13.8	23.8	24.4
Freq. (MHz)	6.8	7.1	97.0	97.5
Limit (dB)	44.0	43.5	6.7	6.6
Worst Pair	12	12	36	45
PS ACR-N (dB)	14.5	14.8	26.3	26.6
Freq. (MHz)	6.8	6.9	97.0	97.5
Limit (dB)	41.0	40.8	3.7	3.6



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45	45	12	36
RL (dB)	6.5	5.7	8.0	8.4
Freq. (MHz)	34.0	34.0	78.5	82.0
Limit (dB)	14.7	14.7	11.1	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: D1-35

Test Summary: PASS

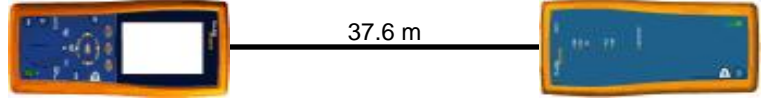
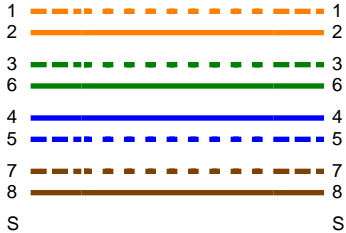
Date / Time: 08/25/2009 03:21:20pm
Headroom: 4.9 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

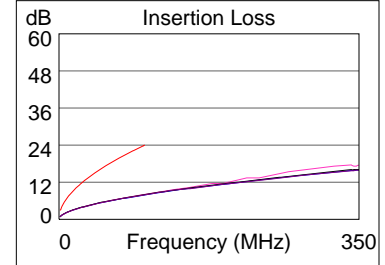
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

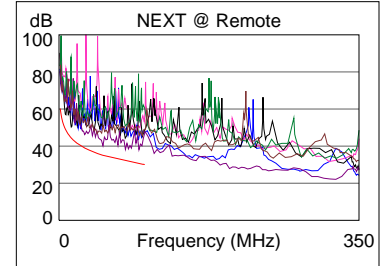
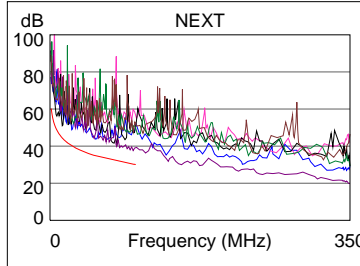
PASS



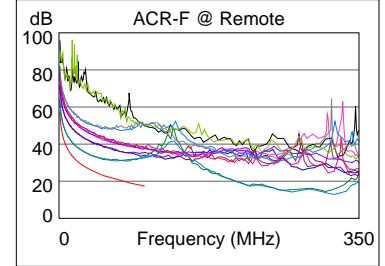
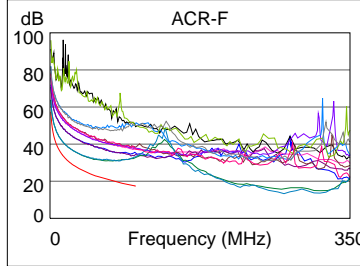
Length (m), Limit 100.0	[Pair 78]	37.6
Prop. Delay (ns), Limit 555		187
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 12]	6.7
Insertion Loss Margin (dB)	[Pair 36]	16.0
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



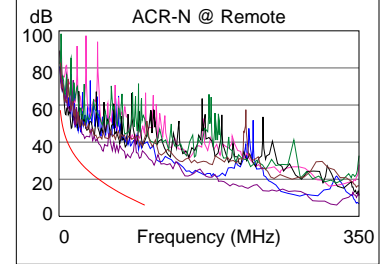
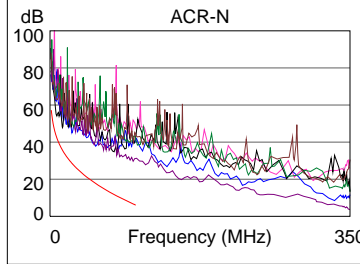
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-78	36-45	36-45	36-45
NEXT (dB)	6.3	4.9	6.6	6.5
Freq. (MHz)	14.4	50.8	96.3	83.8
Limit (dB)	44.4	35.1	30.4	31.4
Worst Pair	36	45	36	36
PS NEXT (dB)	8.6	7.3	8.7	8.6
Freq. (MHz)	50.5	50.5	92.8	83.8
Limit (dB)	32.2	32.2	27.6	28.4



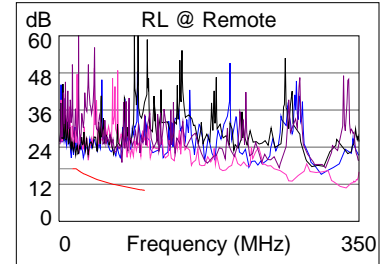
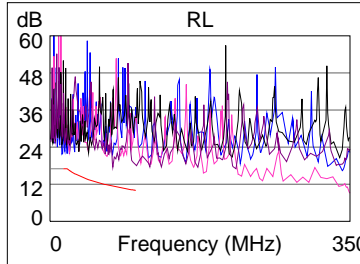
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
ACR-F (dB)	6.3	6.2	9.7	11.4
Freq. (MHz)	2.0	1.6	65.3	79.5
Limit (dB)	51.4	53.2	21.1	19.4
Worst Pair	36	36	36	36
PS ACR-F (dB)	8.5	8.5	12.7	14.3
Freq. (MHz)	2.1	2.0	79.0	94.8
Limit (dB)	47.9	48.4	16.4	14.9



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-78	12-78	36-45	36-45
ACR-N (dB)	11.4	11.4	22.3	22.9
Freq. (MHz)	7.4	14.4	96.3	93.0
Limit (dB)	43.1	35.8	6.8	7.5
Worst Pair	78	78	36	36
PS ACR-N (dB)	13.5	13.9	24.6	24.9
Freq. (MHz)	7.4	7.4	96.3	93.0
Limit (dB)	40.1	40.1	3.8	4.5



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	45	78	78
RL (dB)	4.9	4.4	6.0	7.7
Freq. (MHz)	19.9	19.5	73.5	73.3
Limit (dB)	17.0	17.0	11.3	11.4



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



Cable ID: D1-34

Test Summary: PASS

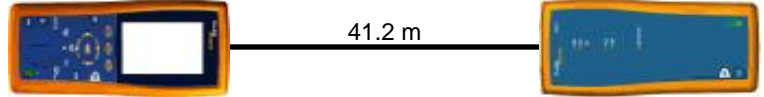
Date / Time: 08/25/2009 03:12:59pm
Headroom: 4.4 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

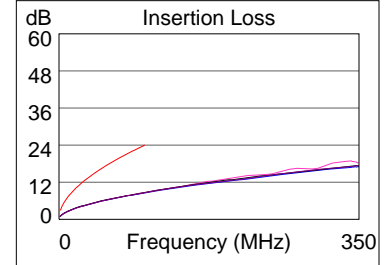
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

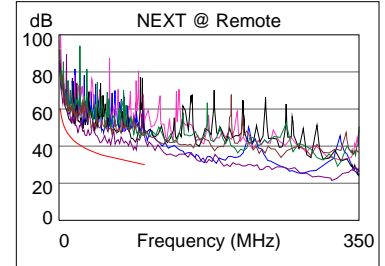
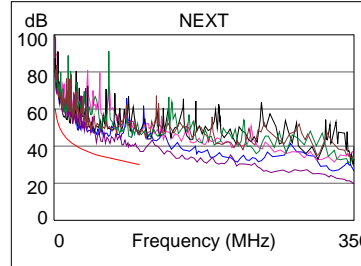
PASS



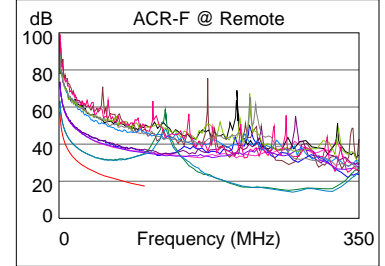
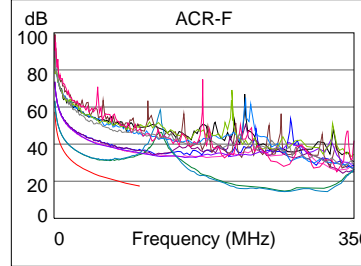
Length (m), Limit 100.0	[Pair 78]	41.2
Prop. Delay (ns), Limit 555		204
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 12]	7.3
Insertion Loss Margin (dB)	[Pair 36]	15.3
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



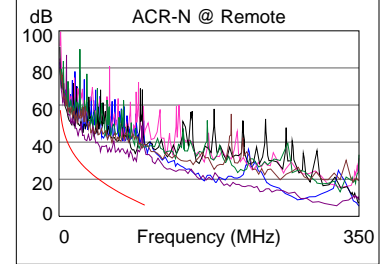
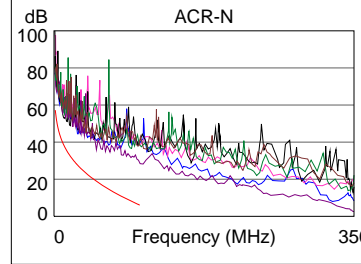
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	5.7	4.4	7.9	6.3
Freq. (MHz)	49.0	48.8	100.0	87.3
Limit (dB)	35.4	35.4	30.1	31.1
Worst Pair	36	45	36	36
PS NEXT (dB)	7.5	7.0	9.9	8.8
Freq. (MHz)	49.0	48.8	100.0	87.3
Limit (dB)	32.4	32.4	27.1	28.1



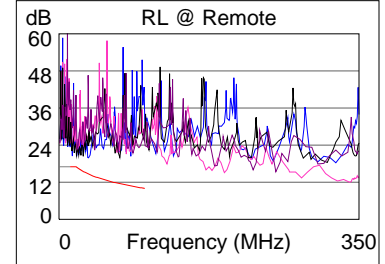
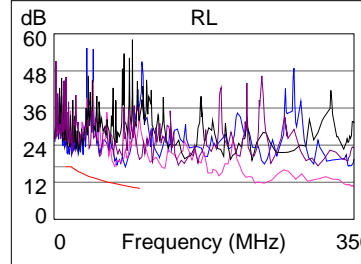
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	36-45	45-36
ACR-F (dB)	5.7	5.7	9.8	9.8
Freq. (MHz)	1.0	1.0	64.3	64.3
Limit (dB)	57.4	57.4	21.2	21.2
Worst Pair	36	45	45	36
PS ACR-F (dB)	8.3	8.3	12.6	12.2
Freq. (MHz)	1.0	1.0	69.8	64.3
Limit (dB)	54.4	54.4	17.5	18.2



	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



	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: D1-32

Test Summary: PASS

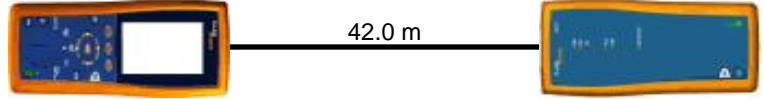
Date / Time: 08/25/2009 03:09:58pm
Headroom: 4.9 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

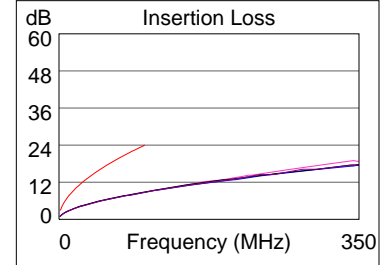
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

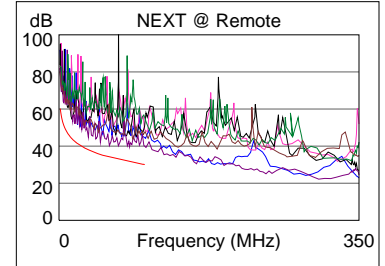
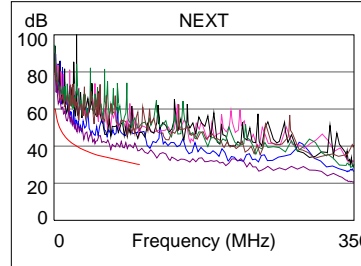
PASS



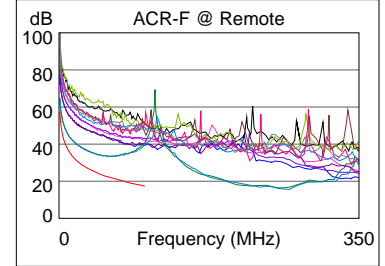
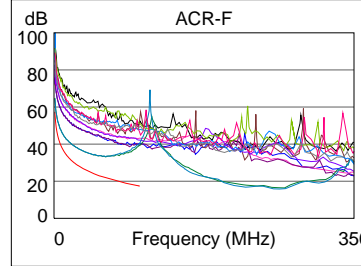
Length (m), Limit 100.0	[Pair 78]	42.0
Prop. Delay (ns), Limit 555		208
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 12]	7.5
Insertion Loss Margin (dB)	[Pair 36]	15.2
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



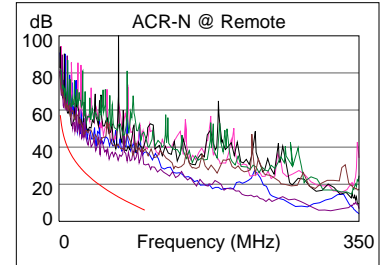
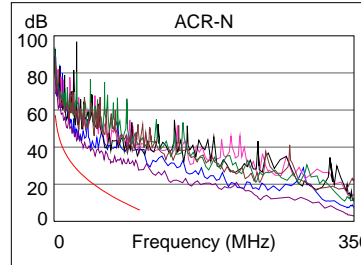
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	4.9	6.1	6.1	9.2
Freq. (MHz)	66.3	58.5	98.5	98.5
Limit (dB)	33.2	34.1	30.2	30.2
Worst Pair	36	36	36	36
PS NEXT (dB)	7.4	8.3	8.6	10.9
Freq. (MHz)	48.0	58.5	98.3	98.5
Limit (dB)	32.5	31.1	27.2	27.2



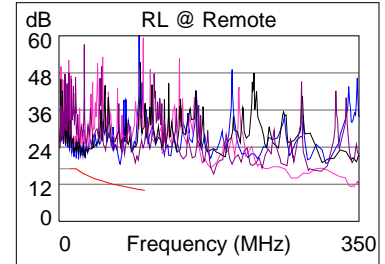
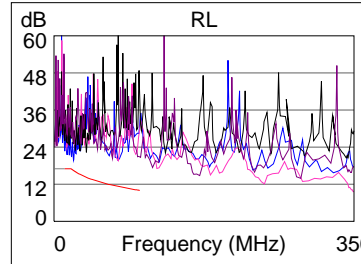
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	36-45	36-45
ACR-F (dB)	6.6	6.6	11.3	10.9
Freq. (MHz)	1.4	1.4	60.3	57.0
Limit (dB)	54.6	54.6	21.8	22.3
Worst Pair	36	45	36	36
PS ACR-F (dB)	9.2	9.3	14.1	13.8
Freq. (MHz)	1.4	1.4	62.5	60.3
Limit (dB)	51.6	51.6	18.5	18.8



	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



	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: D1-31

Test Summary: PASS

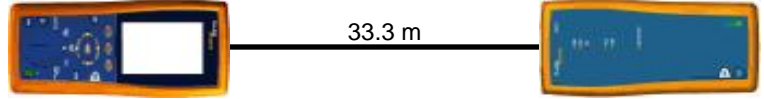
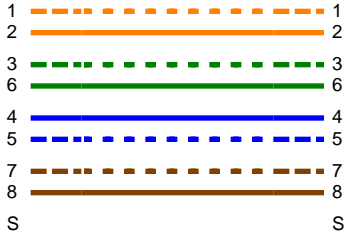
Date / Time: 08/25/2009 02:59:42pm
Headroom: 5.5 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

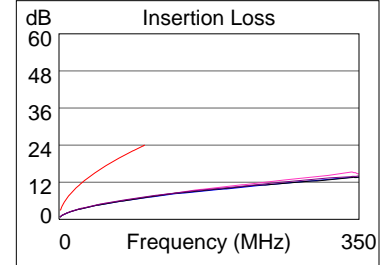
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

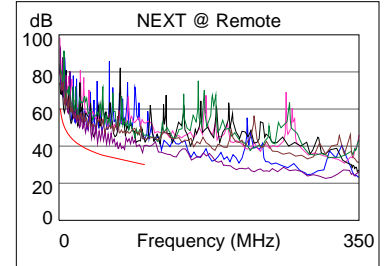
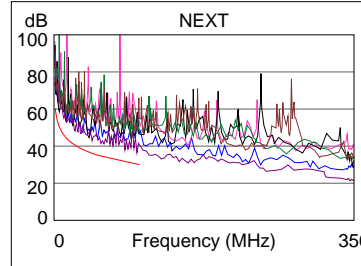
PASS



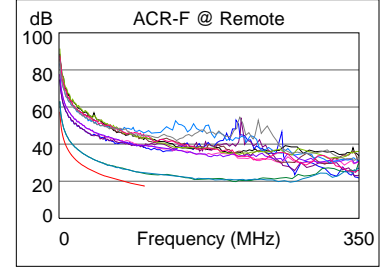
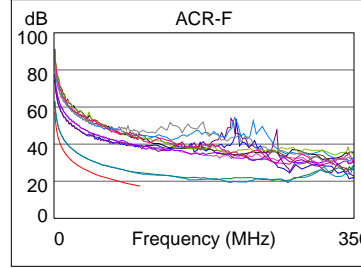
Length (m), Limit 100.0	[Pair 12]	33.3
Prop. Delay (ns), Limit 555		165
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 78]	6.3
Insertion Loss Margin (dB)	[Pair 36]	16.8
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



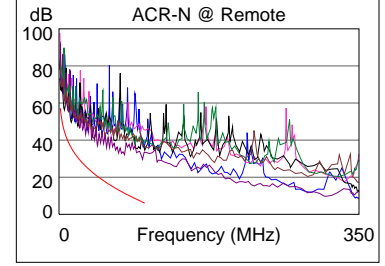
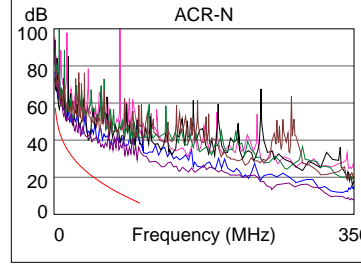
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	6.0	5.5	6.0	5.5
Freq. (MHz)	97.0	45.0	97.0	97.0
Limit (dB)	30.3	36.0	30.3	30.3
Worst Pair	36	45	45	45
PS NEXT (dB)	8.2	7.9	8.7	7.9
Freq. (MHz)	82.8	97.0	97.0	97.0
Limit (dB)	28.5	27.3	27.3	27.3



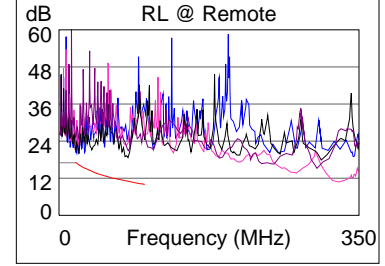
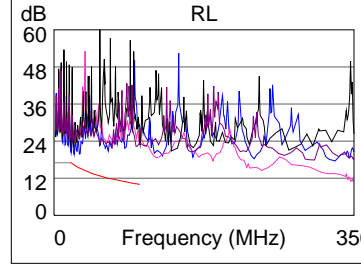
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	45-36	45-36
ACR-F (dB)	5.6	5.6	6.6	6.7
Freq. (MHz)	1.0	1.1	97.8	97.8
Limit (dB)	57.4	56.4	17.6	17.6
Worst Pair	36	36	36	45
PS ACR-F (dB)	8.3	8.3	9.4	9.5
Freq. (MHz)	1.1	1.0	97.8	97.8
Limit (dB)	53.4	54.4	14.6	14.6



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-78	12-78	36-45	36-45
ACR-N (dB)	11.5	11.3	22.8	22.3
Freq. (MHz)	1.8	5.9	97.0	97.0
Limit (dB)	56.4	45.4	6.7	6.7
Worst Pair	12	12	36	36
PS ACR-N (dB)	13.1	13.5	25.5	24.6
Freq. (MHz)	1.8	1.9	97.0	97.0
Limit (dB)	53.4	52.8	3.7	3.7



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	12	45
RL (dB)	3.2	2.9	4.2	7.3
Freq. (MHz)	19.8	19.6	30.0	79.8
Limit (dB)	17.0	17.0	15.2	11.0



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



Cable ID: D1-29

Test Summary: PASS

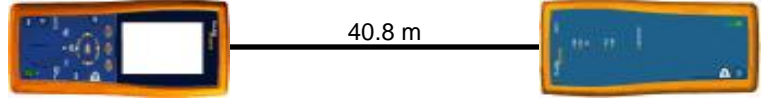
Date / Time: 08/25/2009 03:07:13pm
Headroom: 4.4 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

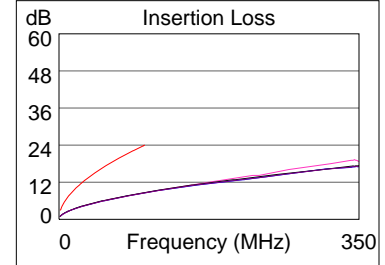
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

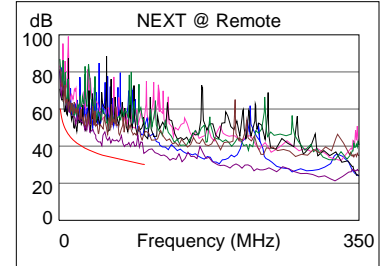
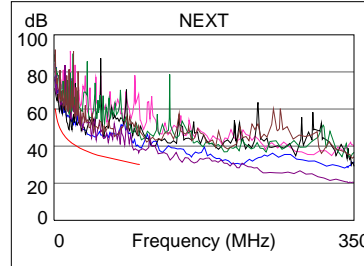
PASS



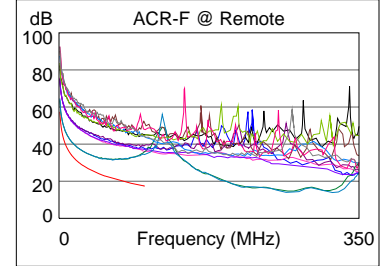
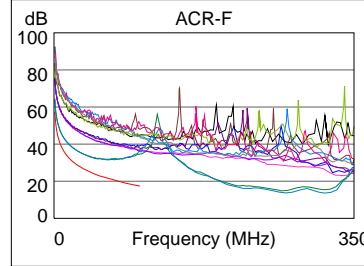
Length (m), Limit 100.0	[Pair 78]	40.8
Prop. Delay (ns), Limit 555		202
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 12]	7.3
Insertion Loss Margin (dB)	[Pair 36]	15.3
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



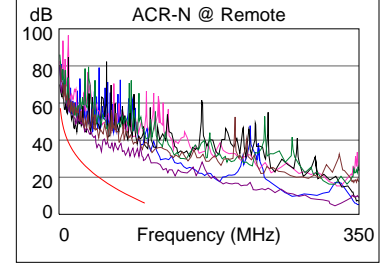
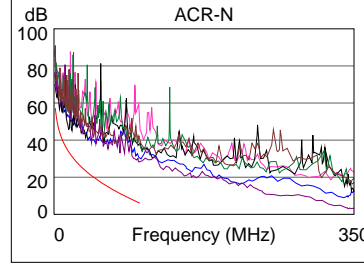
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-78	36-45	36-45	36-45
NEXT (dB)	5.7	4.4	5.9	5.8
Freq. (MHz)	17.3	49.3	99.0	99.3
Limit (dB)	43.0	35.4	30.2	30.1
Worst Pair	36	45	36	36
PS NEXT (dB)	7.0	6.7	7.0	8.3
Freq. (MHz)	99.0	49.3	99.0	99.3
Limit (dB)	27.2	32.4	27.2	27.1



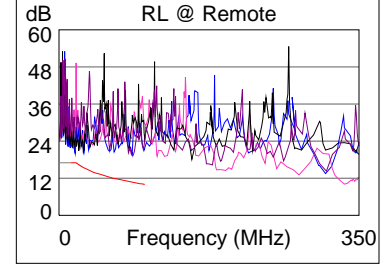
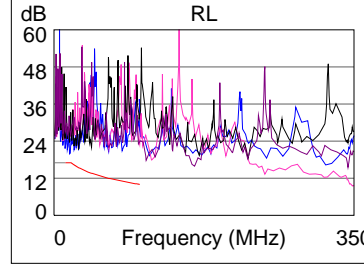
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	36-45	45-36
ACR-F (dB)	6.2	6.2	9.8	9.9
Freq. (MHz)	1.0	1.0	62.0	62.5
Limit (dB)	57.4	57.4	21.6	21.5
Worst Pair	36	45	45	36
PS ACR-F (dB)	8.9	8.9	12.1	12.3
Freq. (MHz)	1.0	1.0	62.0	62.0
Limit (dB)	54.4	54.4	18.6	18.6



	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: D1-28

Test Summary: FAIL

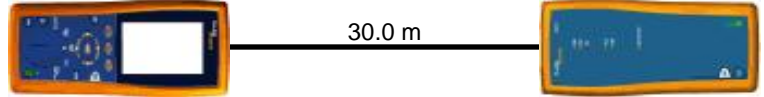
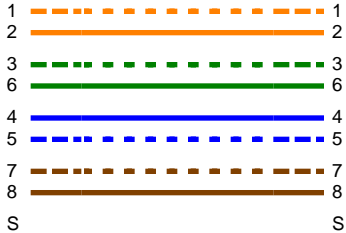
Date / Time: 08/26/2009 12:21:33pm
 Headroom: -4.2 dB (NEXT 12-78)
 Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

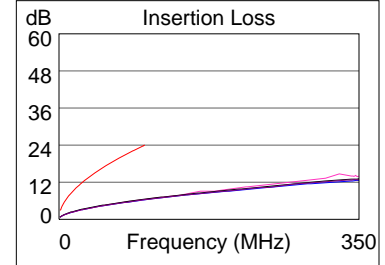
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

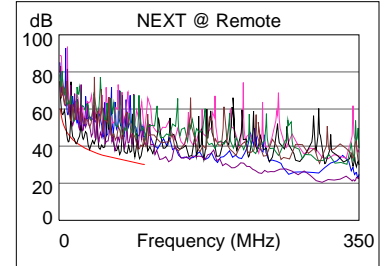
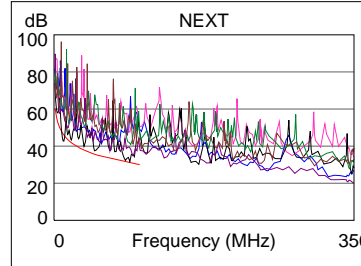
PASS



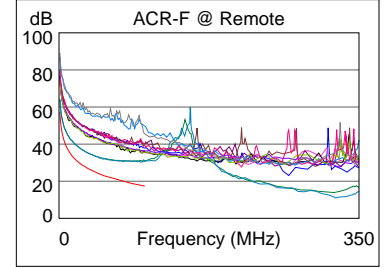
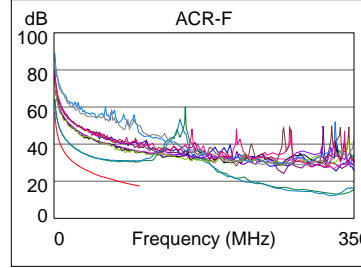
Length (m), Limit 100.0	[Pair 78]	30.0
Prop. Delay (ns), Limit 555		149
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	5.5
Insertion Loss Margin (dB)	[Pair 45]	17.5
Frequency (MHz)	[Pair 45]	100.0
Limit (dB)	[Pair 45]	24.0



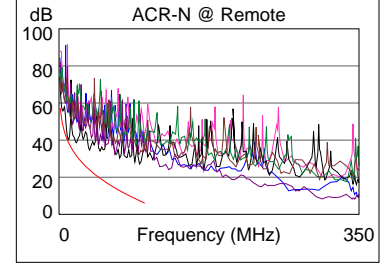
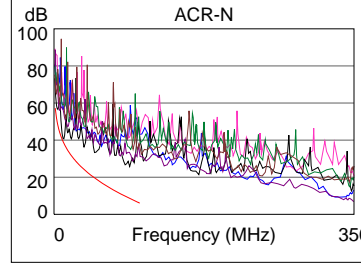
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	12-78	12-78	12-78	12-78
NEXT (dB)	-3.8 F	-4.2 F	0.6	2.7
Freq. (MHz)	10.6	10.6	88.3	94.0
Limit (dB)	46.6	46.6	31.0	30.5
Worst Pair	12	12	78	78
PS NEXT (dB)	-0.9 F	-1.3 F	3.2	4.6
Freq. (MHz)	10.6	10.4	88.3	93.5
Limit (dB)	43.6	43.7	28.0	27.6



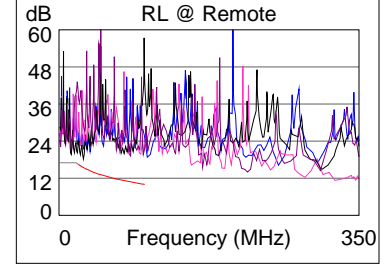
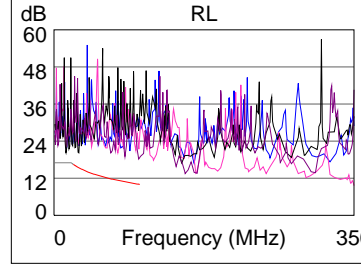
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	6.8	6.8	12.4	12.4
Freq. (MHz)	1.0	1.0	96.3	95.3
Limit (dB)	57.4	57.4	17.7	17.8
Worst Pair	45	36	45	36
PS ACR-F (dB)	9.5	9.5	14.5	14.8
Freq. (MHz)	1.0	1.0	96.3	98.8
Limit (dB)	54.4	54.4	14.7	14.5



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-78	12-78	12-78	12-78
ACR-N (dB)	1.6	1.2	17.2	19.8
Freq. (MHz)	10.5	10.4	88.3	94.0
Limit (dB)	39.4	39.5	8.6	7.3
Worst Pair	12	12	78	78
PS ACR-N (dB)	4.5	4.0	19.8	21.7
Freq. (MHz)	10.5	10.4	88.5	93.5
Limit (dB)	36.4	36.5	5.5	4.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45	45	78	45
RL (dB)	4.3	2.7	8.0	2.7
Freq. (MHz)	28.5	28.4	99.0	28.4
Limit (dB)	15.5	15.5	10.1	15.5





Cable ID: D1-27

Test Summary: PASS

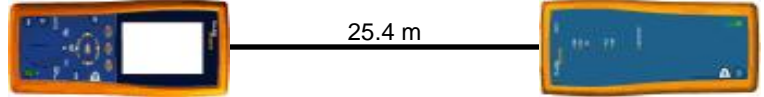
Date / Time: 08/25/2009 03:05:17pm
Headroom: 2.8 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

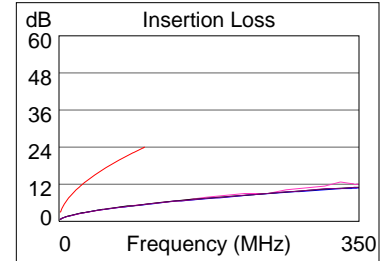
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

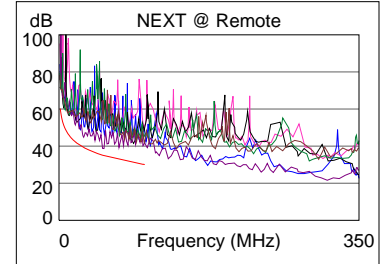
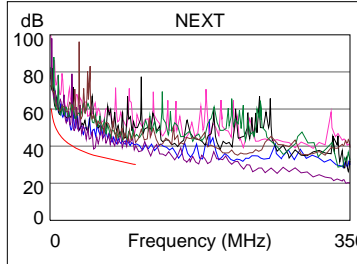
PASS



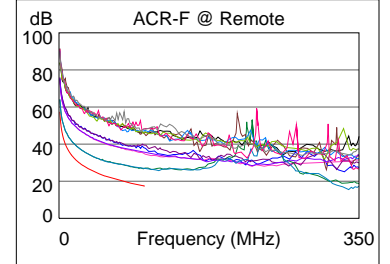
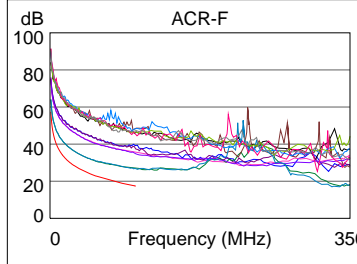
Length (m), Limit 100.0	[Pair 78]	25.4
Prop. Delay (ns), Limit 555		126
Delay Skew (ns), Limit 50		3
Resistance (ohms)	[Pair 12]	4.8
Insertion Loss Margin (dB)	[Pair 36]	18.4
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



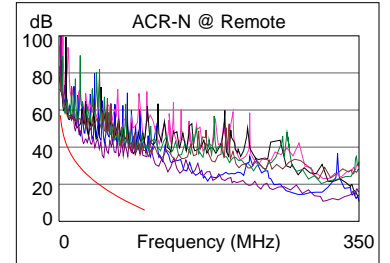
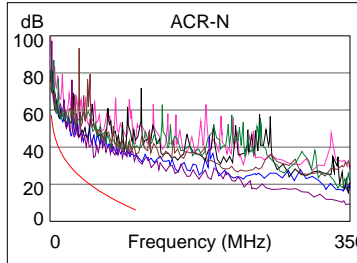
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	2.8	2.8	2.8	2.8
Freq. (MHz)	51.5	51.3	51.5	51.5
Limit (dB)	35.0	35.1	35.0	35.0
Worst Pair	36	36	36	36
PS NEXT (dB)	5.3	5.5	8.4	5.5
Freq. (MHz)	51.8	51.5	98.5	51.5
Limit (dB)	32.0	32.0	27.2	32.0



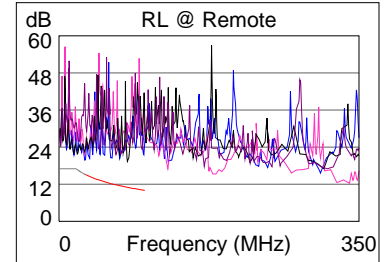
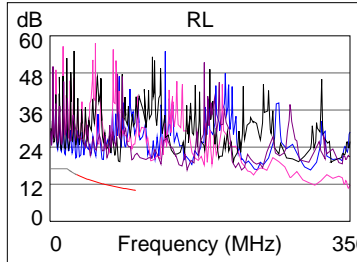
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	45-36	45-36	36-45
ACR-F (dB)	6.6	6.6	9.0	9.0
Freq. (MHz)	1.0	1.0	98.0	98.3
Limit (dB)	57.4	57.4	17.6	17.6
Worst Pair	45	36	45	45
PS ACR-F (dB)	9.3	9.3	11.5	11.5
Freq. (MHz)	1.0	1.0	96.5	98.0
Limit (dB)	54.4	54.4	14.7	14.6



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-78	12-78	36-45	36-45
ACR-N (dB)	13.1	12.9	26.0	15.6
Freq. (MHz)	1.6	1.5	98.5	51.5
Limit (dB)	56.9	57.0	6.4	18.3
Worst Pair	78	78	36	45
PS ACR-N (dB)	13.7	13.1	26.7	28.9
Freq. (MHz)	1.6	1.6	98.5	98.8
Limit (dB)	53.9	53.9	3.4	3.3



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	45	45
RL (dB)	5.3	4.9	7.5	8.1
Freq. (MHz)	35.0	35.0	80.5	80.3
Limit (dB)	14.6	14.6	11.0	11.0



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



Cable ID: D1-26

Test Summary: PASS

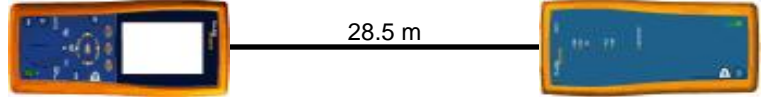
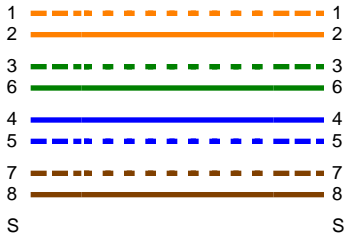
Date / Time: 08/26/2009 12:22:54pm
Headroom: 5.6 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

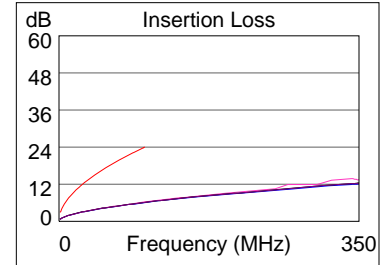
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

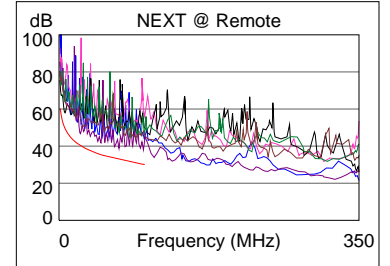
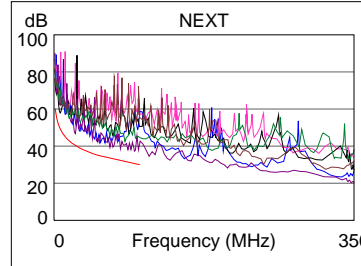
PASS



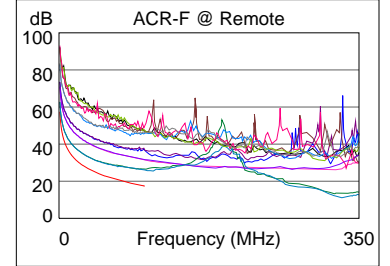
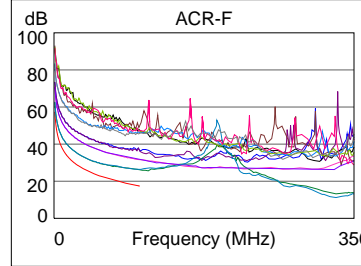
Length (m), Limit 100.0	[Pair 78]	28.5
Prop. Delay (ns), Limit 555		141
Delay Skew (ns), Limit 50		3
Resistance (ohms)	[Pair 12]	5.4
Insertion Loss Margin (dB)	[Pair 36]	17.7
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



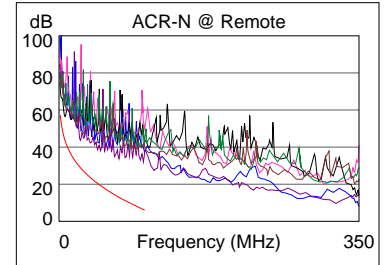
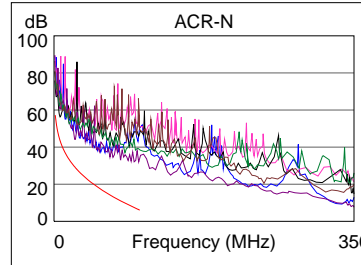
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	6.0	5.6	6.3	7.8
Freq. (MHz)	69.3	65.3	94.3	98.5
Limit (dB)	32.8	33.3	30.5	30.2
Worst Pair	36	36	36	36
PS NEXT (dB)	7.5	8.2	8.8	10.0
Freq. (MHz)	65.0	45.3	94.3	98.5
Limit (dB)	30.3	33.0	27.5	27.2



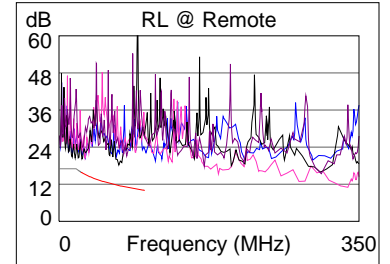
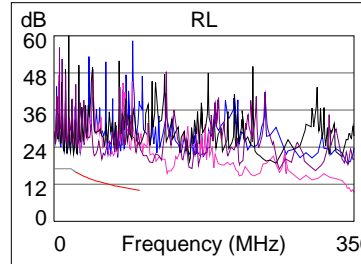
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	5.2	5.2	8.6	8.5
Freq. (MHz)	1.0	1.0	99.3	99.0
Limit (dB)	57.4	57.4	17.5	17.5
Worst Pair	45	45	45	45
PS ACR-F (dB)	7.6	7.7	10.5	10.4
Freq. (MHz)	1.0	1.0	99.3	94.5
Limit (dB)	54.4	54.4	14.5	14.9



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-78	12-78	36-45	36-45
ACR-N (dB)	12.5	12.4	23.6	25.6
Freq. (MHz)	6.5	6.1	94.3	98.5
Limit (dB)	44.4	45.0	7.3	6.4
Worst Pair	78	78	36	36
PS ACR-N (dB)	14.0	13.6	26.1	27.7
Freq. (MHz)	6.3	1.6	94.5	98.5
Limit (dB)	41.8	53.9	4.2	3.4



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45	45	78	45
RL (dB)	5.8	4.4	7.6	6.4
Freq. (MHz)	26.6	26.9	55.8	70.0
Limit (dB)	15.8	15.7	12.5	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: D1-24

Test Summary: PASS

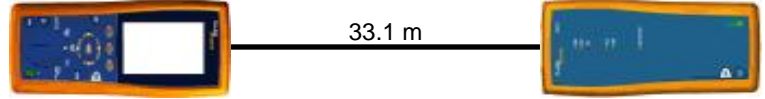
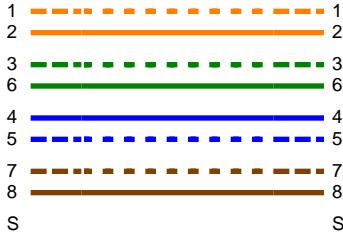
Date / Time: 08/26/2009 12:10:26pm
Headroom: 6.8 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

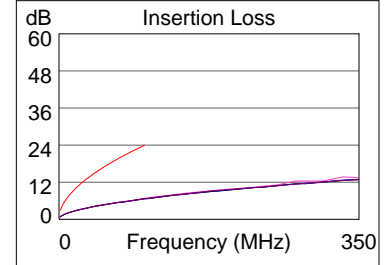
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

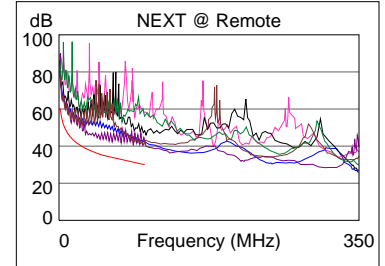
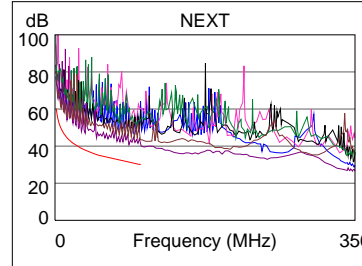
PASS



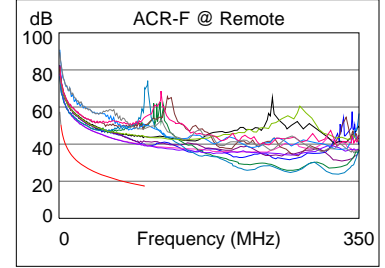
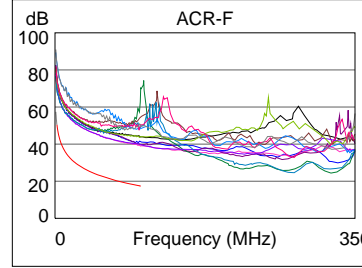
Length (m), Limit 100.0	[Pair 78]	33.1
Prop. Delay (ns), Limit 555		165
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 12]	6.0
Insertion Loss Margin (dB)	[Pair 36]	17.3
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



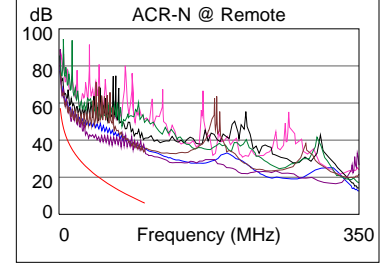
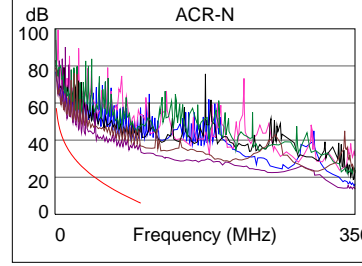
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	45-78
NEXT (dB)	8.3	6.8	9.0	10.0
Freq. (MHz)	34.8	34.5	86.8	99.3
Limit (dB)	37.9	38.0	31.1	30.1
Worst Pair	45	45	36	45
PS NEXT (dB)	10.2	8.9	11.6	10.8
Freq. (MHz)	14.0	13.9	87.0	100.0
Limit (dB)	41.6	41.6	28.1	27.1



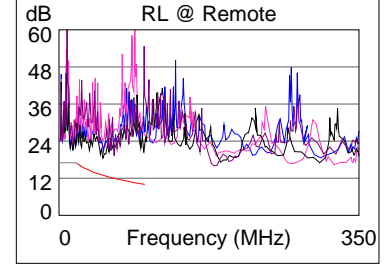
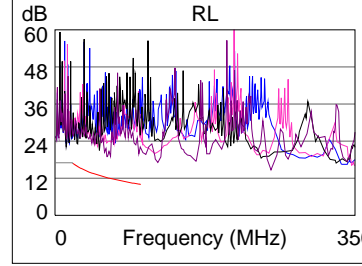
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	12-45	45-12
ACR-F (dB)	18.6	18.6	21.6	21.7
Freq. (MHz)	2.5	2.3	99.5	99.5
Limit (dB)	49.4	50.4	17.4	17.4
Worst Pair	45	45	12	12
PS ACR-F (dB)	19.3	19.4	21.5	21.8
Freq. (MHz)	2.5	2.6	98.3	99.8
Limit (dB)	46.4	46.0	14.6	14.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	36-45	36-45	45-78
ACR-N (dB)	13.8	13.5	25.1	27.3
Freq. (MHz)	3.3	3.1	86.8	99.3
Limit (dB)	51.0	51.4	8.9	6.2
Worst Pair	45	45	45	45
PS ACR-N (dB)	14.3	14.0	29.9	28.1
Freq. (MHz)	3.3	3.3	100.0	100.0
Limit (dB)	48.0	48.0	3.1	3.1



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	78	45	78	45
RL (dB)	6.5	4.7	6.5	4.7
Freq. (MHz)	64.3	51.8	64.3	51.8
Limit (dB)	11.9	12.9	11.9	12.9



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: D1-23

Test Summary: PASS

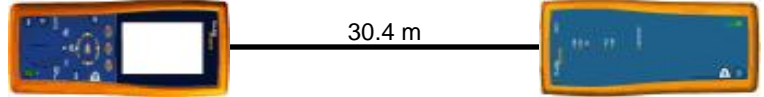
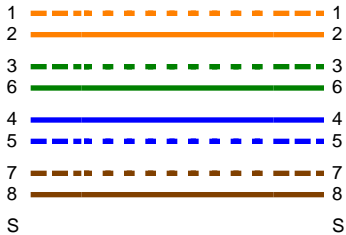
Date / Time: 08/25/2009 04:09:14pm
Headroom: 8.4 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

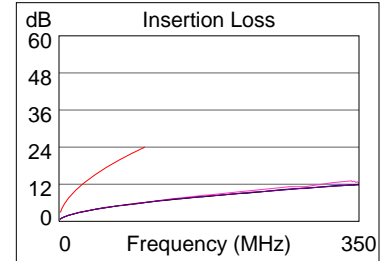
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

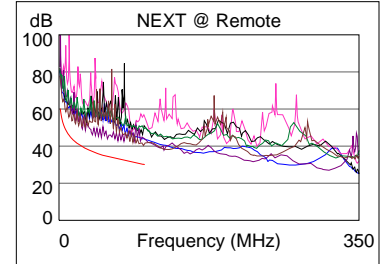
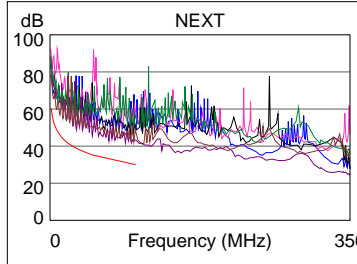
PASS



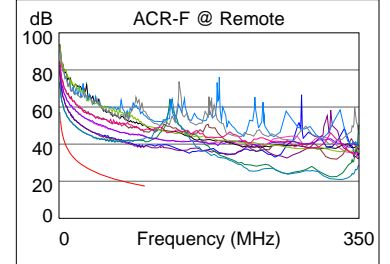
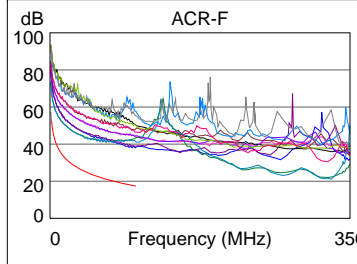
Length (m), Limit 100.0	[Pair 78]	30.4
Prop. Delay (ns), Limit 555		151
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	5.6
Insertion Loss Margin (dB)	[Pair 36]	17.8
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



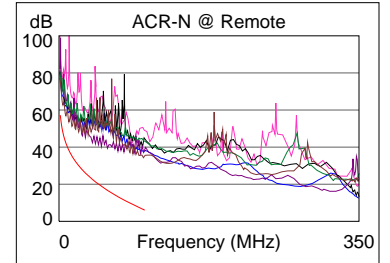
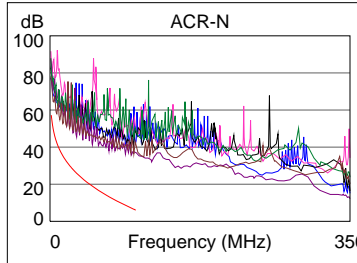
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	45-78
NEXT (dB)	9.9	8.4	10.6	9.5
Freq. (MHz)	30.9	38.5	95.5	98.0
Limit (dB)	38.8	37.2	30.4	30.2
Worst Pair	45	45	45	78
PS NEXT (dB)	11.0	9.8	12.6	11.5
Freq. (MHz)	30.8	26.9	94.8	97.8
Limit (dB)	35.8	36.8	27.5	27.2



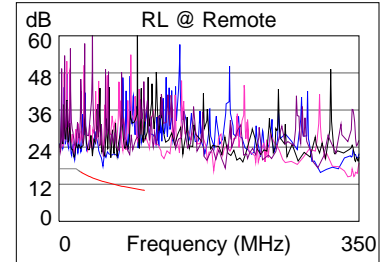
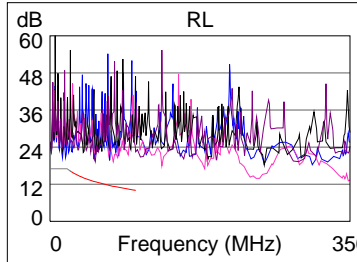
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	45-36	12-36	36-12
ACR-F (dB)	15.8	15.8	20.1	20.3
Freq. (MHz)	2.8	2.8	96.0	95.5
Limit (dB)	48.6	48.6	17.8	17.8
Worst Pair	36	36	36	36
PS ACR-F (dB)	17.6	17.7	21.2	22.0
Freq. (MHz)	2.3	2.8	96.0	95.5
Limit (dB)	47.4	45.6	14.8	14.8



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	45-78	45-78	36-45	45-78
ACR-N (dB)	14.6	14.3	28.1	27.2
Freq. (MHz)	3.6	4.0	95.5	98.0
Limit (dB)	50.0	49.1	7.0	6.5
Worst Pair	45	78	45	36
PS ACR-N (dB)	16.8	16.0	30.7	29.5
Freq. (MHz)	3.4	7.4	98.5	99.5
Limit (dB)	47.7	40.1	3.4	3.2



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	78	12
RL (dB)	6.1	4.9	6.3	4.9
Freq. (MHz)	25.6	50.8	52.3	51.0
Limit (dB)	15.9	13.0	12.8	12.9



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: D1-22

Test Summary: PASS

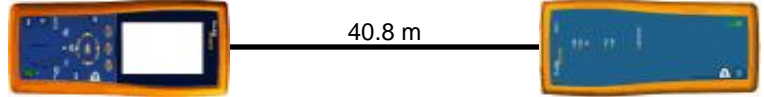
Date / Time: 08/26/2009 11:16:30am
 Headroom: 2.0 dB (NEXT 36-45)
 Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

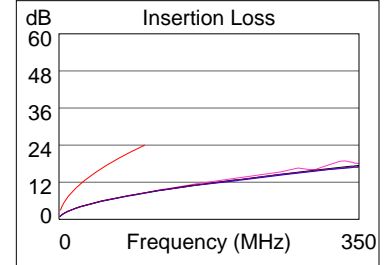
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

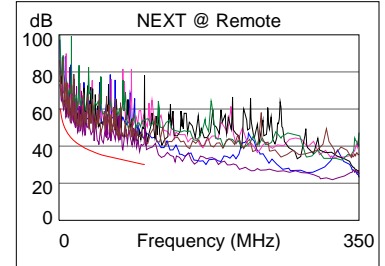
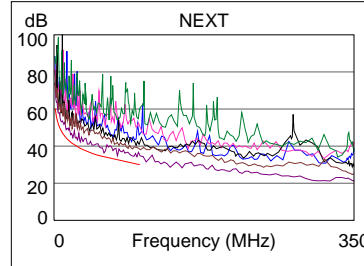
PASS



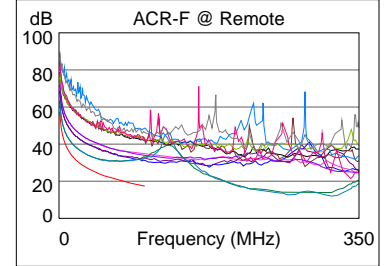
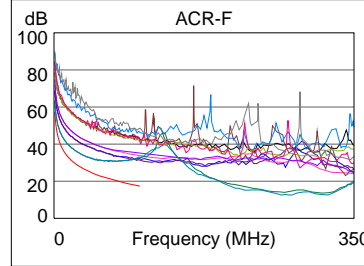
Length (m), Limit 100.0	[Pair 78]	40.8
Prop. Delay (ns), Limit 555		202
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 12]	7.4
Insertion Loss Margin (dB)	[Pair 36]	15.4
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



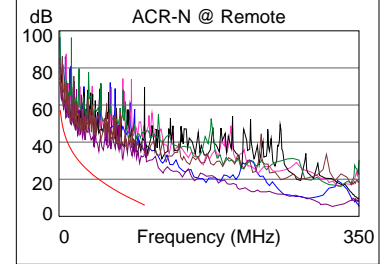
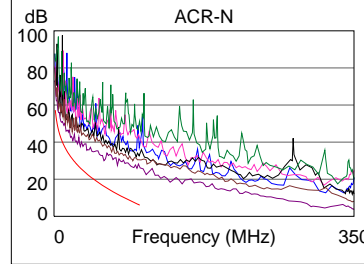
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	2.0	4.7	2.8	6.4
Freq. (MHz)	57.8	46.8	90.8	93.8
Limit (dB)	34.2	35.7	30.8	30.6
Worst Pair	45	45	45	36
PS NEXT (dB)	4.5	7.2	4.9	8.8
Freq. (MHz)	57.8	21.8	90.8	93.8
Limit (dB)	31.2	38.4	27.8	27.6



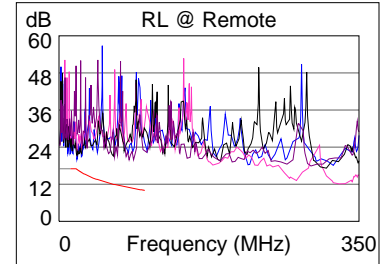
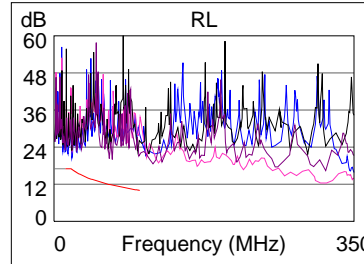
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
ACR-F (dB)	5.5	5.5	10.2	8.7
Freq. (MHz)	2.1	1.0	70.5	59.5
Limit (dB)	50.9	57.4	20.4	21.9
Worst Pair	36	36	36	36
PS ACR-F (dB)	7.6	7.6	11.5	13.4
Freq. (MHz)	1.0	2.1	72.8	96.0
Limit (dB)	54.4	47.9	17.2	14.8



	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)	8.7	10.3	17.5	21.4
Freq. (MHz)	4.8	2.5	90.8	94.0
Limit (dB)	47.5	53.4	8.0	7.3
Worst Pair	45	45	45	36
PS ACR-N (dB)	10.2	11.2	21.4	23.7
Freq. (MHz)	4.8	2.5	100.0	93.8
Limit (dB)	44.5	50.4	3.1	4.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	12	78
RL (dB)	3.2	3.0	3.2	8.3
Freq. (MHz)	21.0	21.1	21.0	81.3
Limit (dB)	16.8	16.8	16.8	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: D1-21

Test Summary: PASS

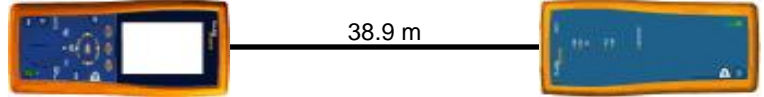
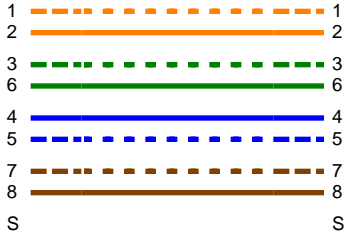
Date / Time: 08/26/2009 11:15:16am
Headroom: 3.9 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

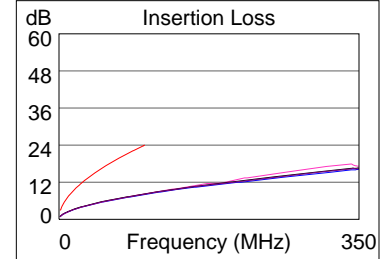
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

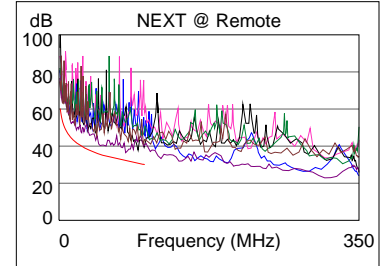
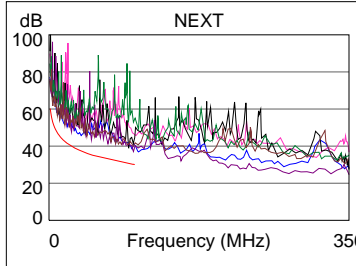
PASS



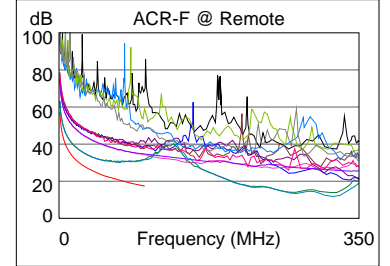
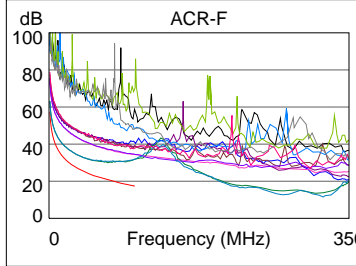
Length (m), Limit 100.0	[Pair 78]	38.9
Prop. Delay (ns), Limit 555		193
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 45]	7.7
Insertion Loss Margin (dB)	[Pair 36]	15.7
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



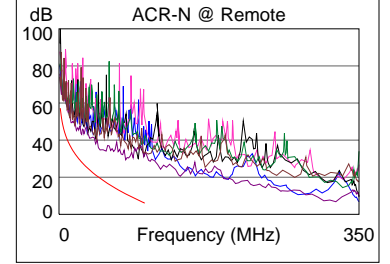
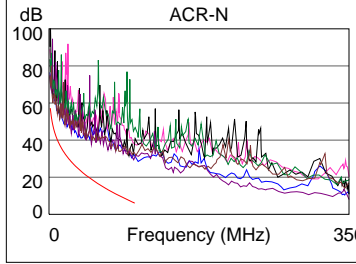
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	6.6	3.9	6.6	4.5
Freq. (MHz)	98.0	48.8	98.0	77.8
Limit (dB)	30.2	35.4	30.2	32.0
Worst Pair	45	36	45	45
PS NEXT (dB)	7.5	6.5	7.5	6.7
Freq. (MHz)	98.0	48.5	98.0	77.8
Limit (dB)	27.2	32.5	27.2	29.0



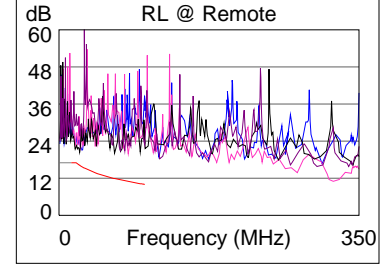
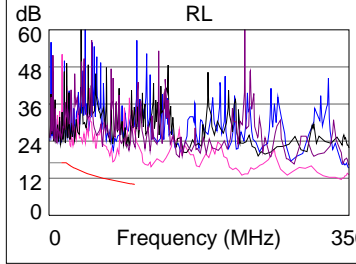
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	5.7	5.7	9.1	9.1
Freq. (MHz)	1.6	1.0	67.8	68.0
Limit (dB)	53.2	57.4	20.8	20.8
Worst Pair	45	36	45	36
PS ACR-F (dB)	8.3	8.4	11.3	11.8
Freq. (MHz)	1.6	1.0	67.8	70.3
Limit (dB)	50.2	54.4	17.8	17.5



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	45-78	36-45	36-45	36-45
ACR-N (dB)	12.0	11.4	22.2	18.9
Freq. (MHz)	4.3	2.3	98.3	80.5
Limit (dB)	48.5	54.3	6.4	10.4
Worst Pair	45	45	45	45
PS ACR-N (dB)	12.6	12.8	23.1	21.0
Freq. (MHz)	1.6	1.9	98.3	80.5
Limit (dB)	53.9	52.8	3.4	7.4



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36	45	36	36
RL (dB)	5.8	4.2	5.8	8.7
Freq. (MHz)	74.8	24.1	74.8	81.0
Limit (dB)	11.3	16.2	11.3	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: D1-20

Test Summary: PASS

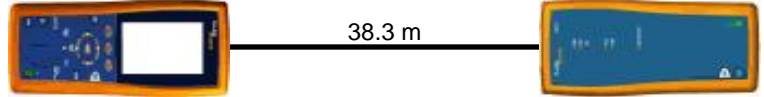
Date / Time: 08/26/2009 11:22:12am
Headroom: 4.1 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

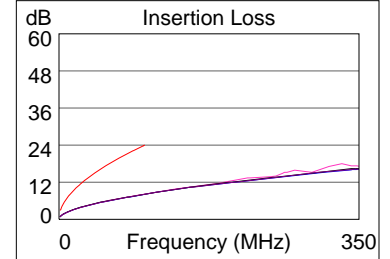
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

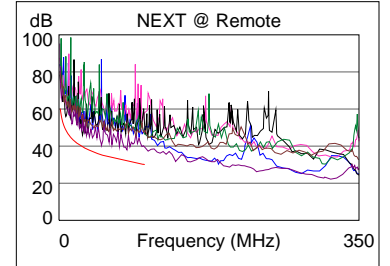
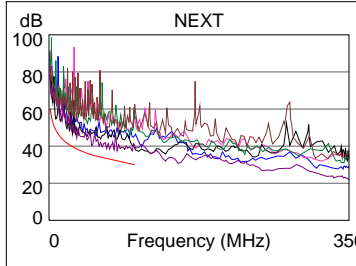
PASS



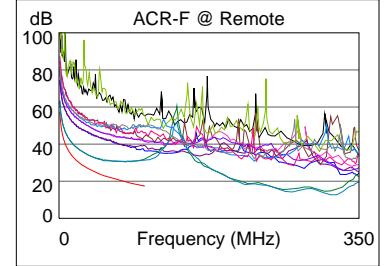
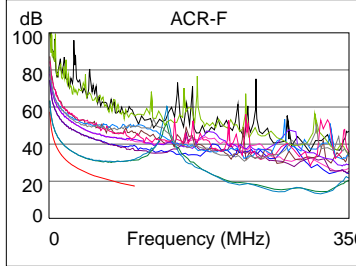
Length (m), Limit 100.0	[Pair 78]	38.3
Prop. Delay (ns), Limit 555		190
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 12]	6.9
Insertion Loss Margin (dB)	[Pair 36]	15.8
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



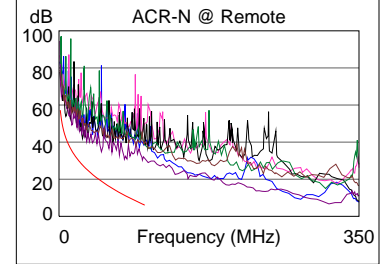
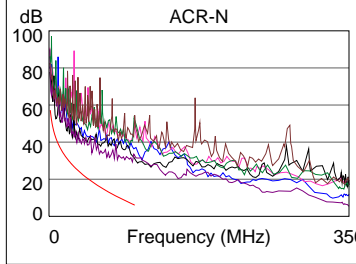
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	4.3	4.1	7.0	5.6
Freq. (MHz)	50.3	50.0	97.3	76.5
Limit (dB)	35.2	35.2	30.3	32.1
Worst Pair	36	45	36	36
PS NEXT (dB)	6.8	6.9	9.1	8.4
Freq. (MHz)	50.3	50.0	97.3	76.3
Limit (dB)	32.2	32.2	27.3	29.1



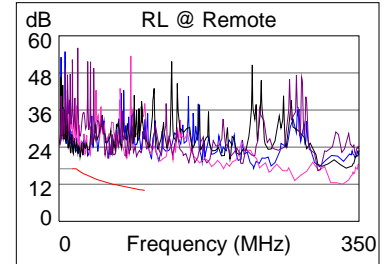
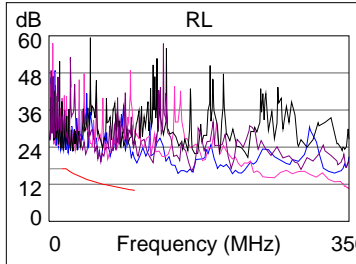
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	5.8	5.9	9.5	9.5
Freq. (MHz)	2.0	1.0	69.5	69.5
Limit (dB)	51.4	57.4	20.6	20.6
Worst Pair	36	36	36	36
PS ACR-F (dB)	8.6	8.5	12.9	12.2
Freq. (MHz)	1.0	2.0	75.0	72.0
Limit (dB)	54.4	48.4	16.9	17.3



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-78	12-78	36-45	36-45
ACR-N (dB)	10.3	11.4	22.7	23.5
Freq. (MHz)	7.8	7.8	97.3	97.5
Limit (dB)	42.6	42.6	6.6	6.6
Worst Pair	12	12	36	36
PS ACR-N (dB)	13.1	14.1	24.8	25.9
Freq. (MHz)	8.0	7.6	97.3	97.5
Limit (dB)	39.3	39.8	3.6	3.6



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	45	12	78
RL (dB)	5.6	4.5	6.9	7.9
Freq. (MHz)	16.8	16.5	60.0	57.3
Limit (dB)	17.0	17.0	12.2	12.4



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



Cable ID: D1-19

Test Summary: PASS

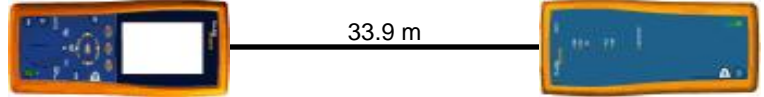
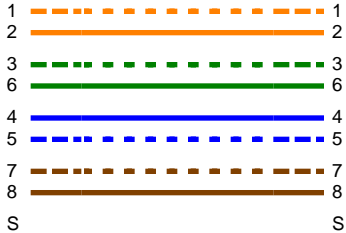
Date / Time: 08/26/2009 11:40:52am
Headroom: 6.3 dB (NEXT 12-36)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

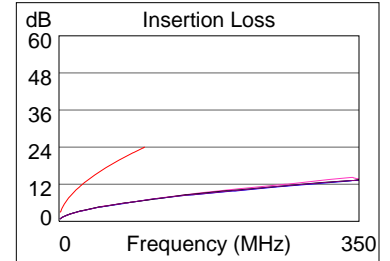
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

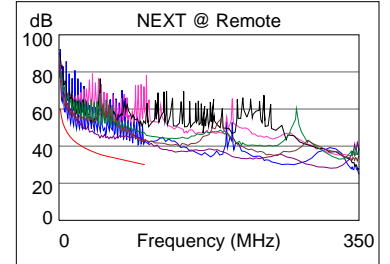
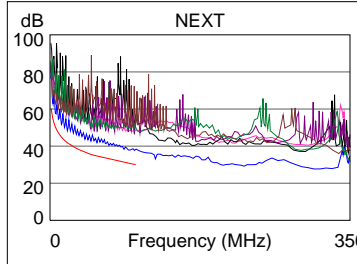
PASS



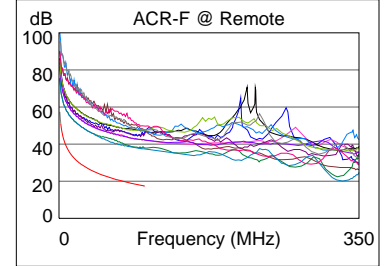
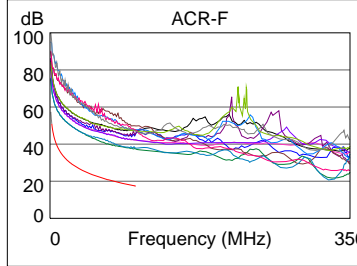
Length (m), Limit 100.0	[Pair 78]	33.9
Prop. Delay (ns), Limit 555		168
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	6.2
Insertion Loss Margin (dB)	[Pair 36]	17.1
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



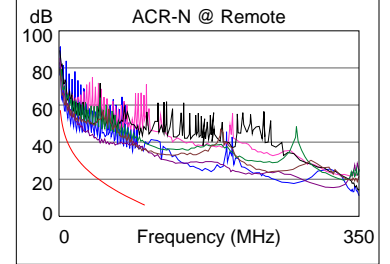
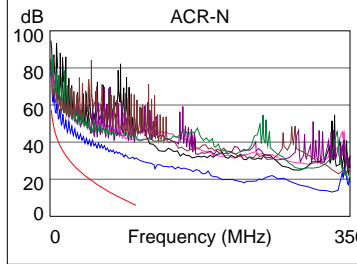
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-36	12-36	12-36	12-36
NEXT (dB)	6.3	7.4	6.8	10.2
Freq. (MHz)	92.3	13.6	99.3	99.3
Limit (dB)	30.7	44.8	30.1	30.1
Worst Pair	12	36	36	36
PS NEXT (dB)	8.8	9.1	9.2	10.6
Freq. (MHz)	20.3	20.3	99.0	99.0
Limit (dB)	38.9	38.9	27.2	27.2



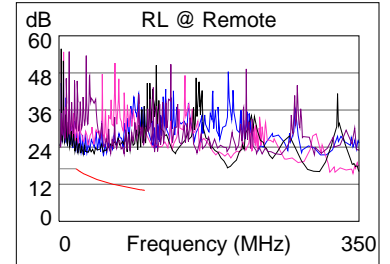
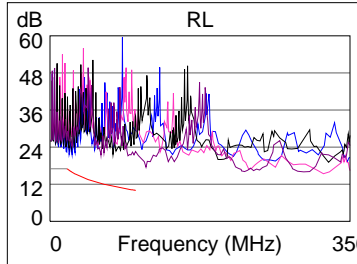
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	17.7	17.7	19.9	19.8
Freq. (MHz)	2.3	2.3	99.8	99.8
Limit (dB)	50.4	50.4	17.4	17.4
Worst Pair	45	45	45	45
PS ACR-F (dB)	19.9	20.0	21.2	21.5
Freq. (MHz)	2.6	2.8	97.5	96.3
Limit (dB)	46.0	45.6	14.6	14.7



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-36	12-36	12-36	12-36
ACR-N (dB)	10.7	11.6	23.9	27.3
Freq. (MHz)	3.1	3.3	99.3	99.3
Limit (dB)	51.4	51.0	6.2	6.2
Worst Pair	12	36	36	36
PS ACR-N (dB)	13.4	14.1	26.3	27.7
Freq. (MHz)	3.1	3.1	99.0	99.0
Limit (dB)	48.4	48.4	3.3	3.3



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	45	78	12
RL (dB)	4.9	5.4	10.4	8.4
Freq. (MHz)	22.5	21.9	93.5	51.8
Limit (dB)	16.5	16.6	10.3	12.9



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: D1-17

Test Summary: PASS

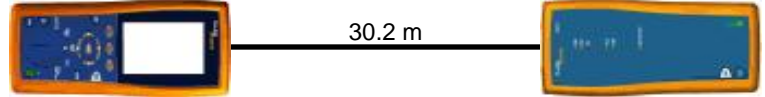
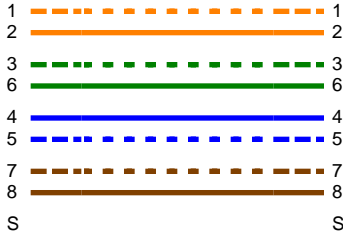
Date / Time: 08/26/2009 10:55:52am
Headroom: 6.7 dB (NEXT 12-36)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

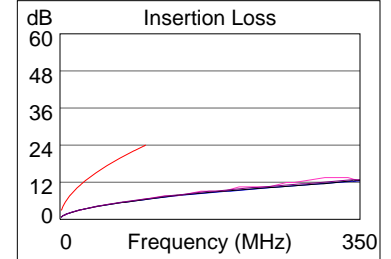
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

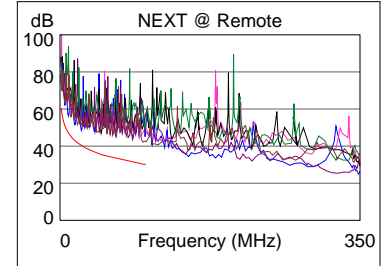
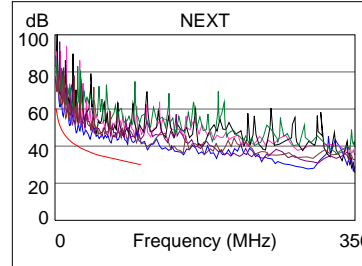
PASS



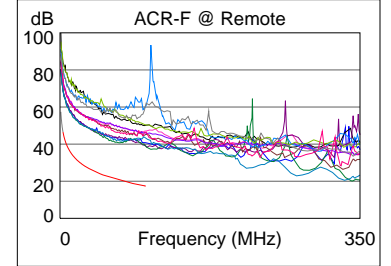
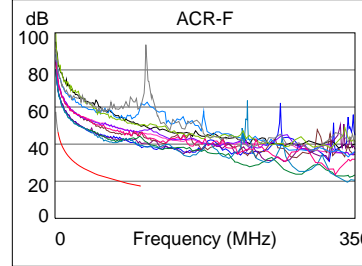
Length (m), Limit 100.0	[Pair 78]	30.2
Prop. Delay (ns), Limit 555		149
Delay Skew (ns), Limit 50		3
Resistance (ohms)	[Pair 12]	6.2
Insertion Loss Margin (dB)	[Pair 36]	17.1
Frequency (MHz)	[Pair 36]	98.8
Limit (dB)	[Pair 36]	23.8



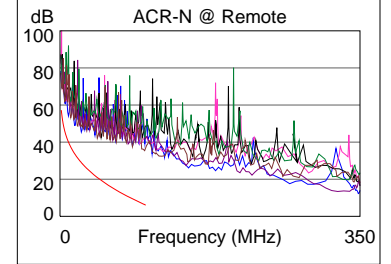
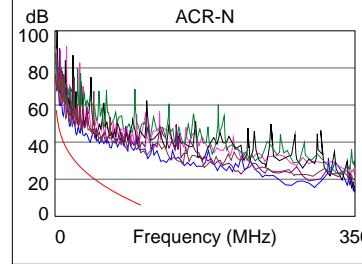
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-36	12-36	45-78	45-78
NEXT (dB)	6.7	8.1	10.8	10.8
Freq. (MHz)	24.9	17.3	100.0	99.5
Limit (dB)	40.4	43.0	30.1	30.1
Worst Pair	36	36	45	45
PS NEXT (dB)	9.2	9.9	11.3	12.1
Freq. (MHz)	24.3	17.0	100.0	100.0
Limit (dB)	37.6	40.2	27.1	27.1



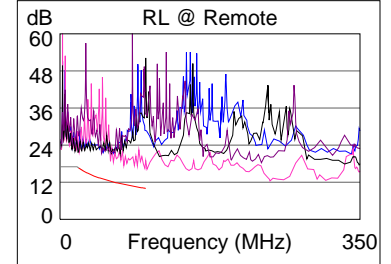
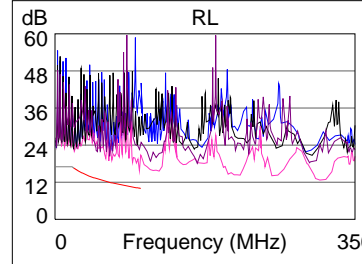
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	19.4	19.5	21.3	21.5
Freq. (MHz)	57.0	57.0	98.8	99.0
Limit (dB)	22.3	22.3	17.5	17.5
Worst Pair	36	36	36	36
PS ACR-F (dB)	20.3	20.5	21.0	20.6
Freq. (MHz)	49.8	21.9	98.8	73.5
Limit (dB)	20.5	27.6	14.5	17.1



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-36	12-36	45-78	45-78
ACR-N (dB)	12.9	13.9	28.2	28.1
Freq. (MHz)	1.8	1.9	100.0	99.5
Limit (dB)	56.4	55.8	6.1	6.2
Worst Pair	36	36	45	45
PS ACR-N (dB)	15.3	16.1	28.9	29.7
Freq. (MHz)	1.8	1.8	100.0	100.0
Limit (dB)	53.4	53.4	3.1	3.1



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36	36	36	36
RL (dB)	5.4	5.5	5.4	5.7
Freq. (MHz)	98.3	22.9	98.3	98.3
Limit (dB)	10.1	16.4	10.1	10.1



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



Cable ID: D1-15

Test Summary: FAIL

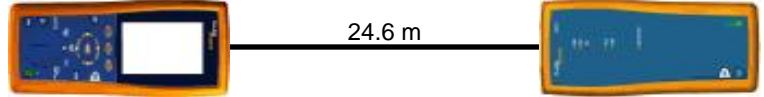
Date / Time: 08/26/2009 10:32:56am
 Headroom: -2.4 dB (NEXT 12-78)
 Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

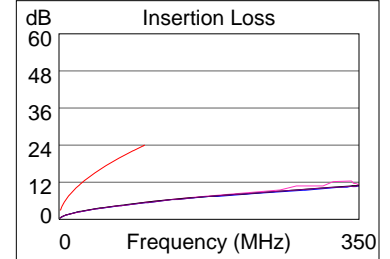
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

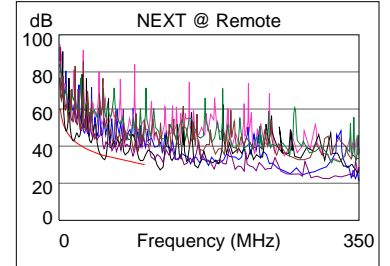
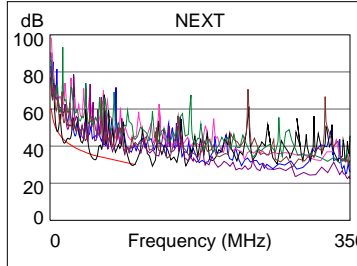
PASS



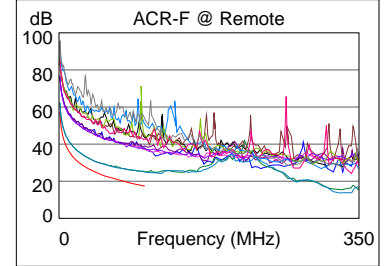
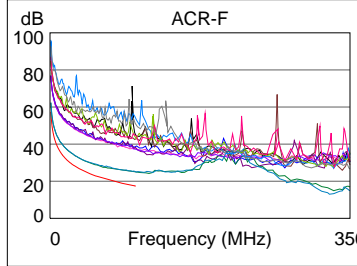
Length (m), Limit 100.0	[Pair 78]	24.6
Prop. Delay (ns), Limit 555		122
Delay Skew (ns), Limit 50		3
Resistance (ohms)	[Pair 12]	4.8
Insertion Loss Margin (dB)	[Pair 36]	18.6
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



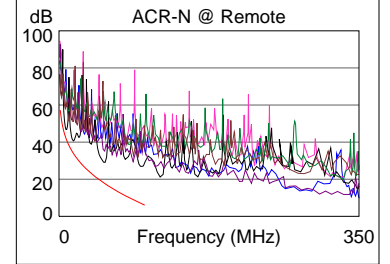
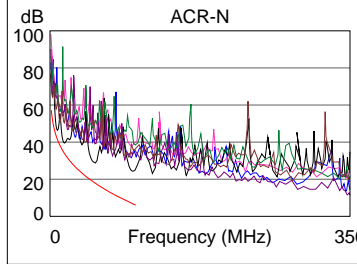
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	12-78	12-78	12-78	12-78
NEXT (dB)	-2.4 F	-2.1 F	-0.8	1.7
Freq. (MHz)	52.0	52.0	95.8	95.0
Limit (dB)	35.0	35.0	30.4	30.5
Worst Pair	12	12	12	12
PS NEXT (dB)	0.4*	0.8	1.3	3.9
Freq. (MHz)	52.0	53.0	95.8	94.8
Limit (dB)	32.0	31.8	27.4	27.5



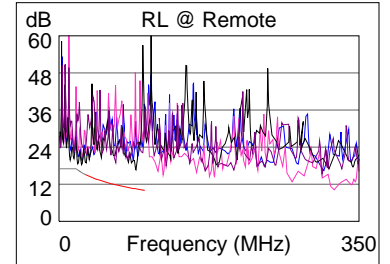
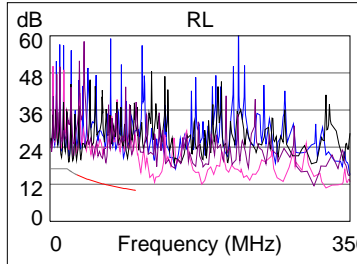
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	4.7	4.8	7.6	7.6
Freq. (MHz)	1.3	1.3	99.8	99.8
Limit (dB)	55.5	55.5	17.4	17.4
Worst Pair	45	36	36	36
PS ACR-F (dB)	7.6	7.6	10.4	10.3
Freq. (MHz)	1.3	1.3	100.0	99.8
Limit (dB)	52.5	52.5	14.4	14.4



	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)	4.5	4.6	17.6	20.2
Freq. (MHz)	8.0	8.0	96.8	96.8
Limit (dB)	42.3	42.3	6.7	6.7
Worst Pair	78	78	12	12
PS ACR-N (dB)	7.3	7.3	19.5	22.2
Freq. (MHz)	7.6	8.0	95.8	95.5
Limit (dB)	39.8	39.3	4.0	4.0



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45	45	78	45
RL (dB)	4.6	3.5	7.1	6.2
Freq. (MHz)	31.3	31.3	65.3	89.8
Limit (dB)	15.1	15.1	11.9	10.5



* Measurement is within the accuracy limits of the instrument.



Cable ID: D1-14

Test Summary: FAIL

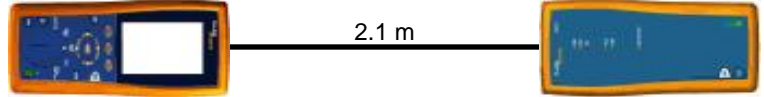
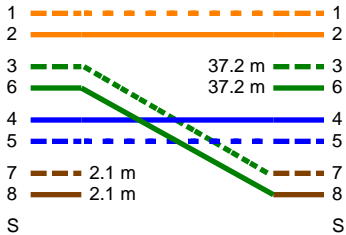
Date / Time: 08/21/2009 11:11:15am
 Headroom: 3.6 dB (NEXT 36-45)
 Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

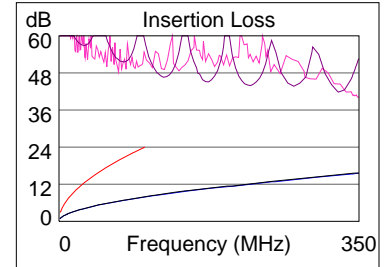
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

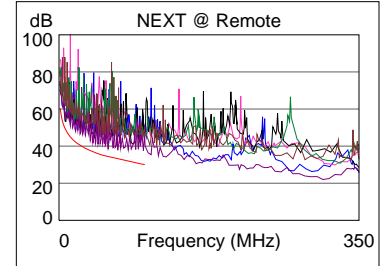
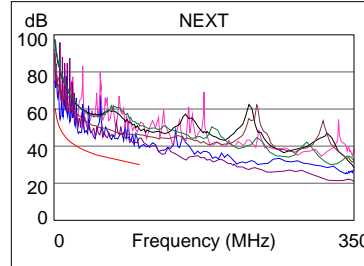
FAIL



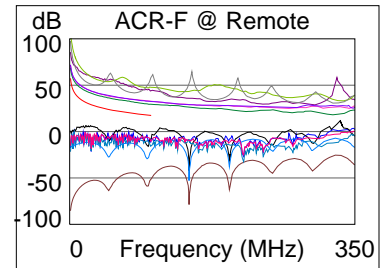
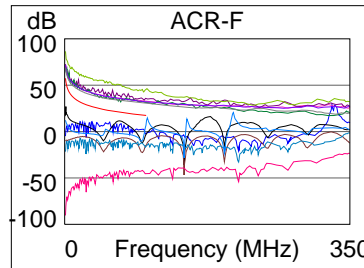
Length (m), Limit 100.0	[Pair 78]	2.1
Prop. Delay (ns), Limit 555		192
Delay Skew (ns), Limit 50		182 F
Resistance (ohms)	[Pair 78]	Open
Insertion Loss Margin (dB)	[Pair 36]	-88.3 F
Frequency (MHz)	[Pair 36]	1.0
Limit (dB)	[Pair 36]	3.0



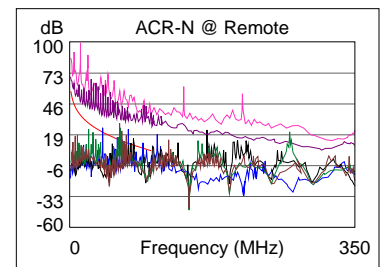
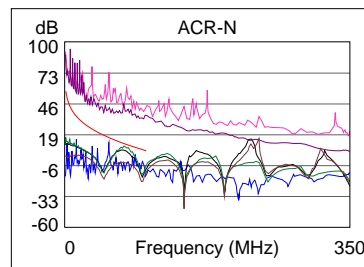
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-36	36-45	12-36	36-45
NEXT (dB)	5.1	3.6	8.2	3.6
Freq. (MHz)	7.0	69.0	99.8	69.0
Limit (dB)	49.6	32.9	30.1	32.9
Worst Pair	12	12	36	36
PS NEXT (dB)	8.0	5.2	9.7	6.0
Freq. (MHz)	7.0	7.4	99.8	69.0
Limit (dB)	46.6	46.2	27.1	29.9



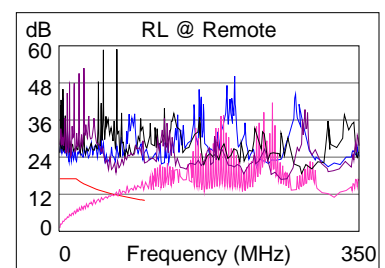
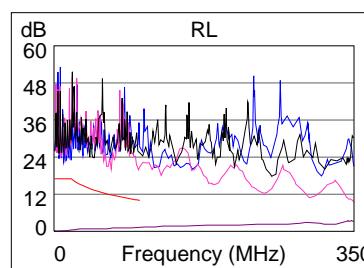
	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	78-36	36-78	78-36	36-78
ACR-F (dB)	-147.8 F	-142.8 F	-147.8	-142.8
Freq. (MHz)	1.0	1.0	1.0	1.0
Limit (dB)	57.4	57.4	57.4	57.4
Worst Pair	36	78	36	78
PS ACR-F (dB)	-144.8 F	-144.8 F	-144.8	-144.8
Freq. (MHz)	1.0	1.0	1.0	1.0
Limit (dB)	54.4	54.4	54.4	54.4



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-36	12-36	45-78	45-78
ACR-N (dB)	-73.0	-74.7	-27.9	-43.2
Freq. (MHz)	1.0	1.0	94.8	48.5
Limit (dB)	57.0	57.0	7.2	19.2
Worst Pair	36	36	78	78
PS ACR-N (dB)	-70.1	-76.6	-26.8	-41.6
Freq. (MHz)	1.0	1.0	95.5	48.5
Limit (dB)	54.0	54.0	4.0	16.2



	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	78	36	78	36
RL (dB)	-16.9 F	-15.9 F	-16.9	-15.9
Freq. (MHz)	2.6	1.0	2.6	1.0
Limit (dB)	17.0	17.0	17.0	17.0





Cable ID: D1-12

Test Summary: PASS

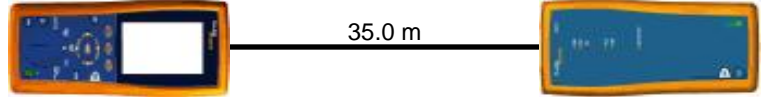
Date / Time: 08/26/2009 10:42:51am
Headroom: 7.8 dB (NEXT 45-78)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

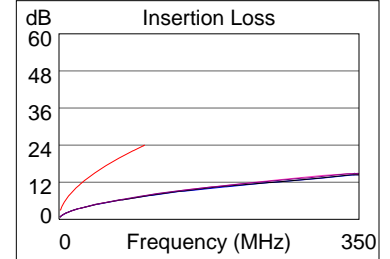
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

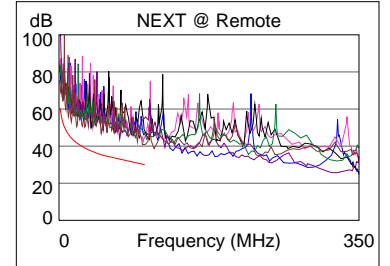
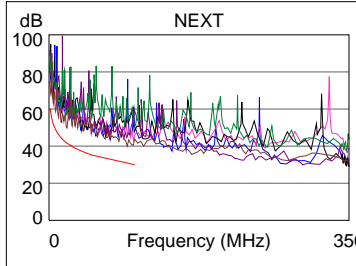
PASS



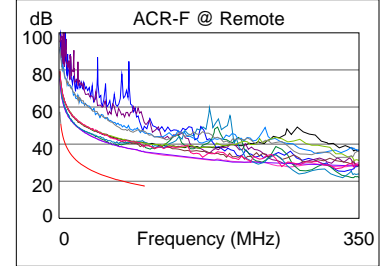
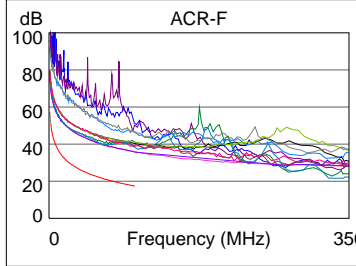
Length (m), Limit 100.0	[Pair 78]	35.0
Prop. Delay (ns), Limit 555		173
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	6.9
Insertion Loss Margin (dB)	[Pair 78]	16.3
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



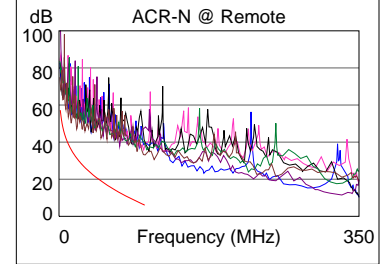
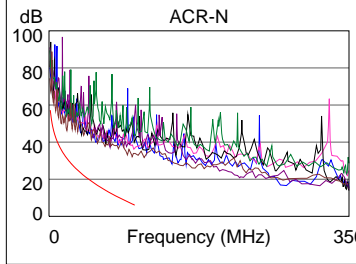
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-78	45-78	45-78	45-78
NEXT (dB)	7.8	8.4	9.1	9.8
Freq. (MHz)	14.4	14.3	97.5	97.8
Limit (dB)	44.4	44.4	30.3	30.2
Worst Pair	78	78	45	45
PS NEXT (dB)	10.0	10.1	10.3	10.8
Freq. (MHz)	14.1	14.3	91.3	98.0
Limit (dB)	41.5	41.4	27.8	27.2



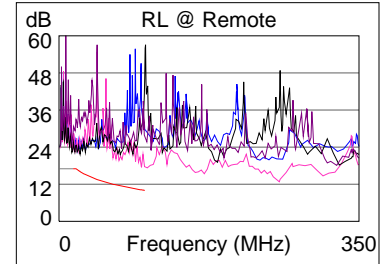
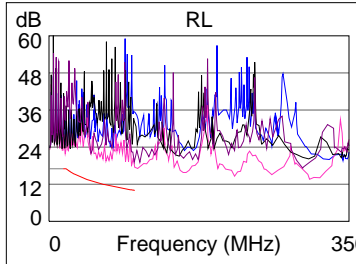
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-12	12-45	12-45	12-45
ACR-F (dB)	17.7	17.6	18.3	18.2
Freq. (MHz)	2.8	2.8	99.8	100.0
Limit (dB)	48.6	48.6	17.4	17.4
Worst Pair	45	45	45	45
PS ACR-F (dB)	18.3	18.0	19.9	19.2
Freq. (MHz)	18.3	58.5	99.8	100.0
Limit (dB)	29.2	19.1	14.4	14.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	45-78	45-78	45-78	45-78
ACR-N (dB)	11.7	11.8	25.3	26.0
Freq. (MHz)	1.8	1.8	97.5	97.8
Limit (dB)	56.4	56.4	6.6	6.5
Worst Pair	78	78	45	45
PS ACR-N (dB)	14.4	14.2	27.2	27.1
Freq. (MHz)	1.8	1.8	97.8	98.0
Limit (dB)	53.4	53.4	3.5	3.5



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36	36	36	36
RL (dB)	4.9	5.2	7.1	7.4
Freq. (MHz)	18.9	19.1	99.5	96.3
Limit (dB)	17.0	17.0	10.0	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: D1-11

Test Summary: PASS

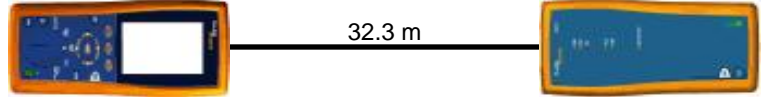
Date / Time: 08/26/2009 11:01:50am
Headroom: 5.2 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

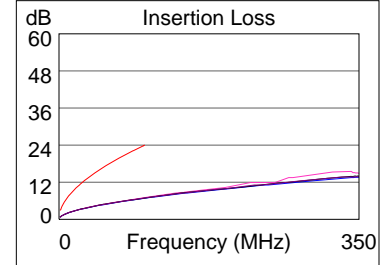
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

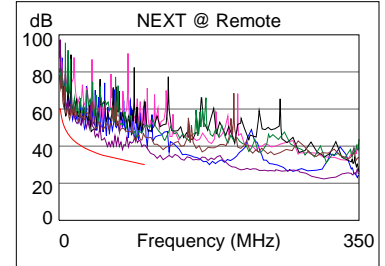
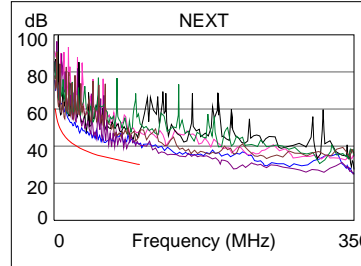
PASS



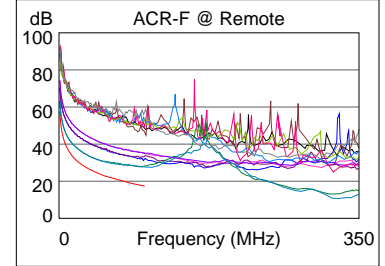
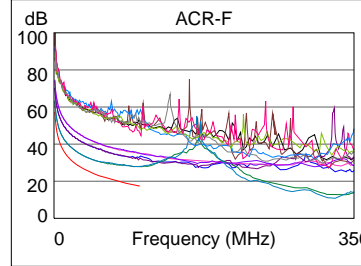
Length (m), Limit 100.0	[Pair 78]	32.3
Prop. Delay (ns), Limit 555		160
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	6.0
Insertion Loss Margin (dB)	[Pair 36]	17.0
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



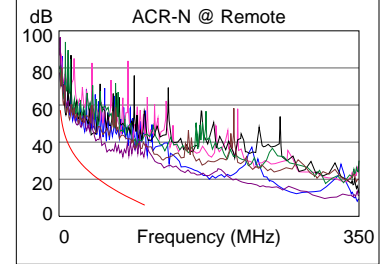
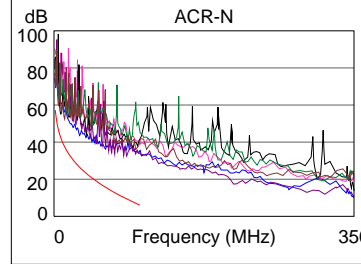
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-36	36-45	36-45	36-45
NEXT (dB)	6.8	5.2	6.8	5.6
Freq. (MHz)	59.3	56.3	85.3	74.3
Limit (dB)	34.0	34.4	31.3	32.3
Worst Pair	36	36	36	45
PS NEXT (dB)	7.6	7.6	8.3	9.6
Freq. (MHz)	70.8	55.8	85.0	96.0
Limit (dB)	29.7	31.4	28.3	27.4



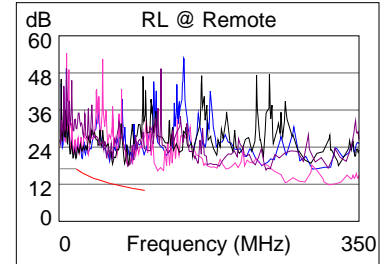
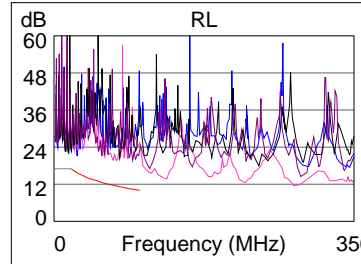
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	36-45	45-36
ACR-F (dB)	5.8	5.8	10.2	10.1
Freq. (MHz)	1.0	1.0	100.0	100.0
Limit (dB)	57.4	57.4	17.4	17.4
Worst Pair	36	36	36	36
PS ACR-F (dB)	8.0	8.1	11.9	11.8
Freq. (MHz)	1.0	1.0	97.3	97.5
Limit (dB)	54.4	54.4	14.6	14.6



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-78	12-78	36-45	36-45
ACR-N (dB)	12.5	12.3	25.4	25.1
Freq. (MHz)	7.6	7.6	99.8	99.5
Limit (dB)	42.8	42.8	6.1	6.2
Worst Pair	78	78	36	45
PS ACR-N (dB)	13.9	13.7	26.6	26.9
Freq. (MHz)	8.0	8.1	99.5	99.5
Limit (dB)	39.3	39.1	3.2	3.2



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	45	36	36
RL (dB)	5.4	3.8	7.7	6.9
Freq. (MHz)	27.0	20.4	68.3	81.5
Limit (dB)	15.7	16.9	11.7	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: D1-10

Test Summary: PASS

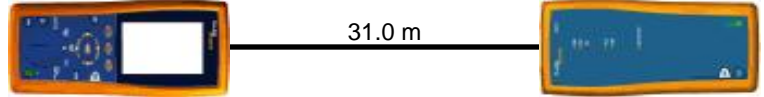
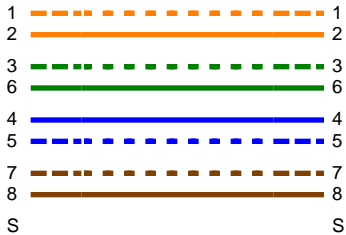
Date / Time: 08/26/2009 10:37:50am
Headroom: 6.1 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

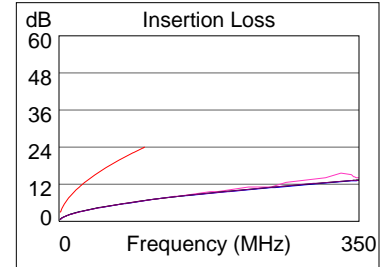
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

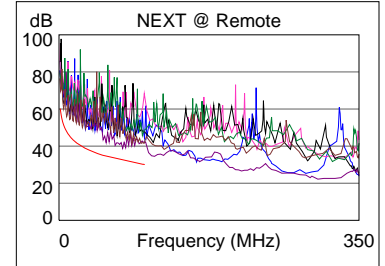
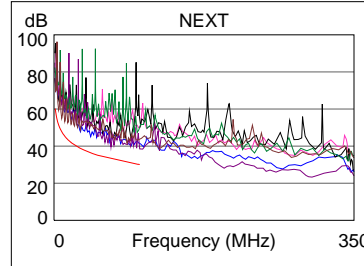
PASS



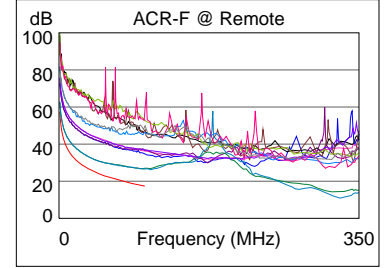
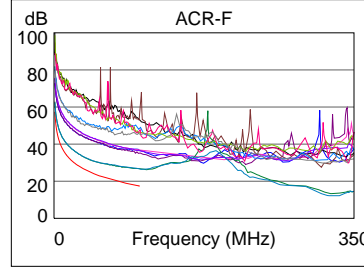
Length (m), Limit 100.0	[Pair 78]	31.0
Prop. Delay (ns), Limit 555		154
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	5.8
Insertion Loss Margin (dB)	[Pair 36]	17.2
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



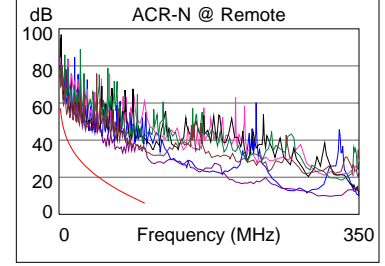
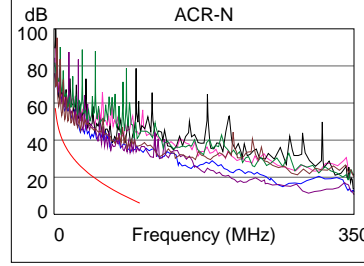
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	6.4	6.1	8.4	6.1
Freq. (MHz)	66.5	73.8	100.0	73.8
Limit (dB)	33.1	32.4	30.1	32.4
Worst Pair	36	36	45	45
PS NEXT (dB)	7.5	8.3	9.2	9.2
Freq. (MHz)	66.3	66.0	100.0	100.0
Limit (dB)	30.2	30.2	27.1	27.1



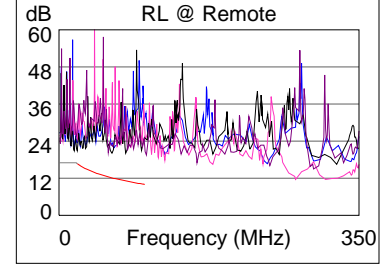
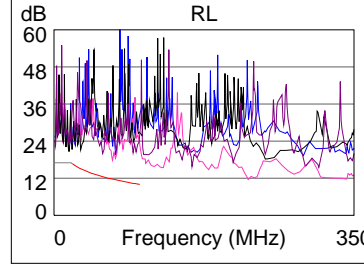
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	45-36	45-36
ACR-F (dB)	5.0	5.0	9.0	9.0
Freq. (MHz)	1.0	1.0	97.8	97.8
Limit (dB)	57.4	57.4	17.6	17.6
Worst Pair	36	45	45	36
PS ACR-F (dB)	7.6	7.8	11.5	11.5
Freq. (MHz)	1.0	1.0	96.5	98.0
Limit (dB)	54.4	54.4	14.7	14.6



	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)	11.8	12.5	25.7	26.3
Freq. (MHz)	5.4	5.3	100.0	99.8
Limit (dB)	46.3	46.5	6.1	6.1
Worst Pair	78	78	45	45
PS ACR-N (dB)	13.6	13.5	26.5	26.5
Freq. (MHz)	5.4	5.3	100.0	100.0
Limit (dB)	43.3	43.5	3.1	3.1



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45	45	36	45
RL (dB)	5.5	4.8	6.0	7.6
Freq. (MHz)	21.6	21.6	68.5	61.0
Limit (dB)	16.7	16.7	11.7	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: D1-09

Test Summary: PASS

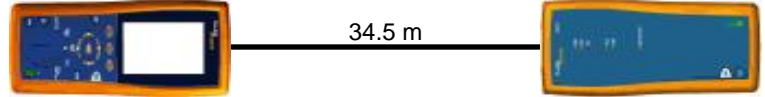
Date / Time: 08/26/2009 11:58:27am
Headroom: 4.5 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

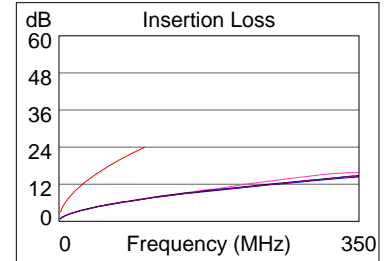
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

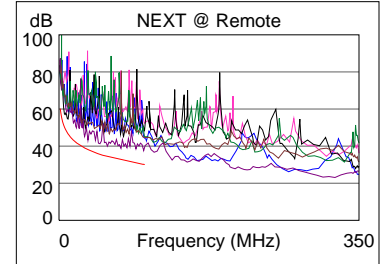
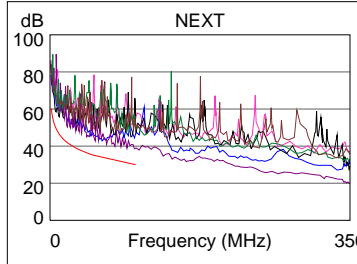
PASS



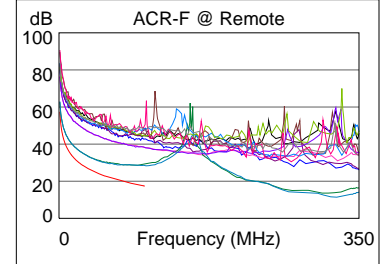
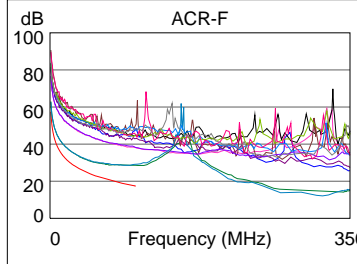
Length (m), Limit 100.0	[Pair 78]	34.5
Prop. Delay (ns), Limit 555		171
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 36]	6.4
Insertion Loss Margin (dB)	[Pair 36]	16.6
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



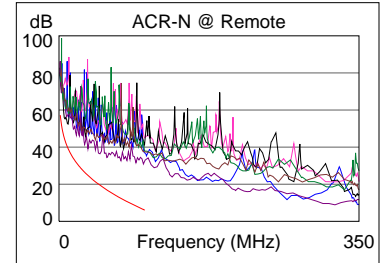
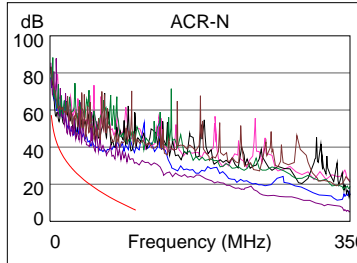
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	7.0	4.5	7.0	6.9
Freq. (MHz)	99.3	46.8	99.3	99.3
Limit (dB)	30.1	35.7	30.1	30.1
Worst Pair	36	36	36	36
PS NEXT (dB)	9.2	7.1	9.4	8.9
Freq. (MHz)	53.0	46.8	99.3	99.3
Limit (dB)	31.8	32.7	27.1	27.1



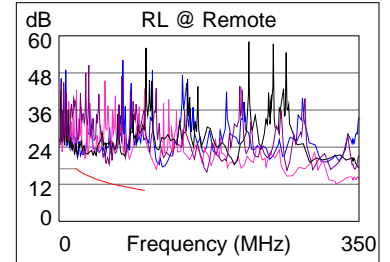
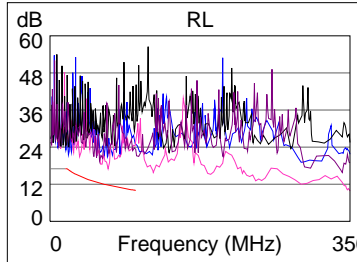
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	36-45	45-36
ACR-F (dB)	5.2	5.2	10.6	10.5
Freq. (MHz)	1.0	1.0	94.0	94.5
Limit (dB)	57.4	57.4	17.9	17.9
Worst Pair	36	45	45	45
PS ACR-F (dB)	8.1	8.0	13.1	13.0
Freq. (MHz)	1.0	1.0	94.5	92.5
Limit (dB)	54.4	54.4	14.9	15.1



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-78	12-78	36-45	36-45
ACR-N (dB)	12.3	11.0	23.6	23.5
Freq. (MHz)	6.1	6.1	99.3	99.3
Limit (dB)	45.0	45.0	6.2	6.2
Worst Pair	12	78	36	36
PS ACR-N (dB)	14.6	13.4	25.9	25.5
Freq. (MHz)	6.9	6.5	99.5	99.3
Limit (dB)	40.8	41.4	3.2	3.2



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	36	78
RL (dB)	4.6	3.8	5.0	5.8
Freq. (MHz)	21.6	21.6	68.0	58.0
Limit (dB)	16.7	16.7	11.7	12.4



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



Cable ID: D1-08

Test Summary: PASS

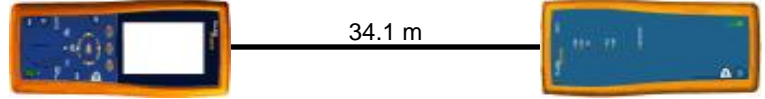
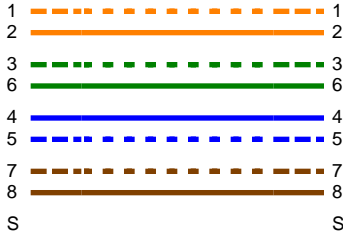
Date / Time: 08/26/2009 11:33:25am
Headroom: 6.4 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

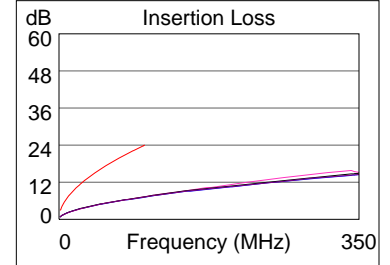
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

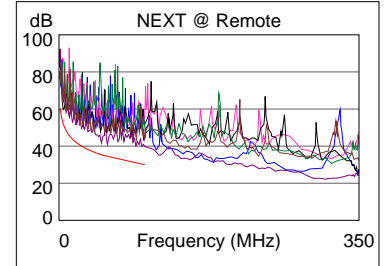
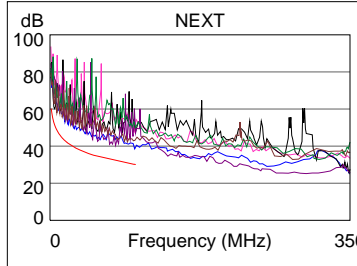
PASS



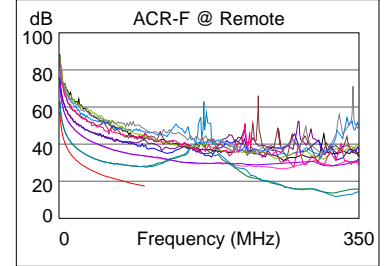
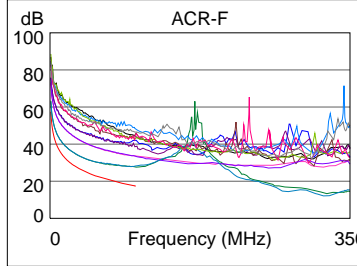
Length (m), Limit 100.0	[Pair 78]	34.1
Prop. Delay (ns), Limit 555		169
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	6.3
Insertion Loss Margin (dB)	[Pair 36]	16.7
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



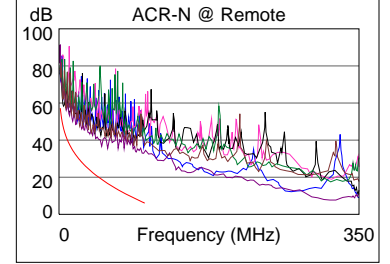
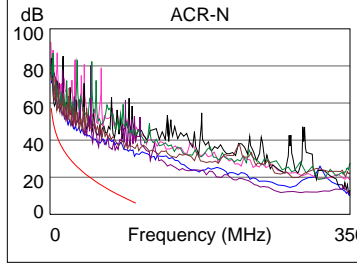
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	12-36	36-45
NEXT (dB)	6.9	6.4	8.3	8.2
Freq. (MHz)	56.3	49.3	98.8	99.8
Limit (dB)	34.4	35.4	30.2	30.1
Worst Pair	36	45	12	36
PS NEXT (dB)	8.0	9.0	10.6	9.5
Freq. (MHz)	56.3	56.3	98.8	99.8
Limit (dB)	31.4	31.4	27.2	27.1



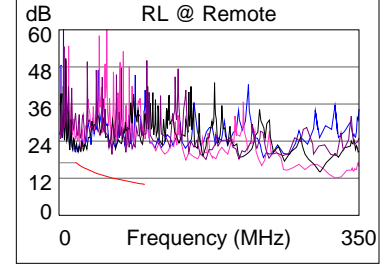
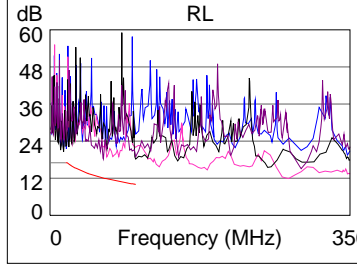
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	36-45	45-36
ACR-F (dB)	5.5	5.4	10.2	10.2
Freq. (MHz)	1.0	1.0	100.0	100.0
Limit (dB)	57.4	57.4	17.4	17.4
Worst Pair	45	45	45	45
PS ACR-F (dB)	8.2	8.1	12.0	12.0
Freq. (MHz)	1.5	1.0	98.3	95.0
Limit (dB)	50.9	54.4	14.6	14.8



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-78	12-78	12-36	36-45
ACR-N (dB)	11.8	11.6	24.9	24.9
Freq. (MHz)	4.5	4.5	98.8	99.8
Limit (dB)	48.0	48.0	6.3	6.1
Worst Pair	78	78	12	36
PS ACR-N (dB)	12.3	12.5	27.4	26.2
Freq. (MHz)	4.8	4.5	98.8	99.8
Limit (dB)	44.5	45.0	3.3	3.1



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	45	78
RL (dB)	4.5	3.2	8.1	7.4
Freq. (MHz)	19.0	19.0	99.8	62.0
Limit (dB)	17.0	17.0	10.0	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: D1-07

Test Summary: PASS

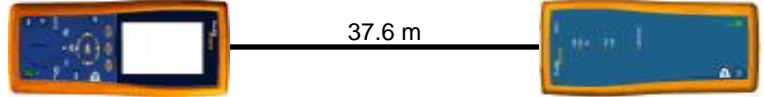
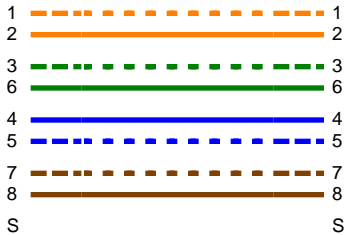
Date / Time: 08/26/2009 10:47:12am
Headroom: 9.1 dB (NEXT 12-36)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

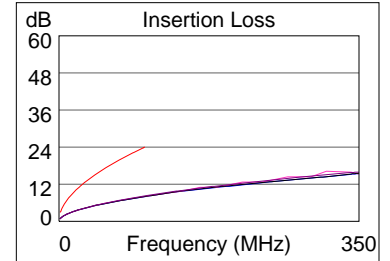
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

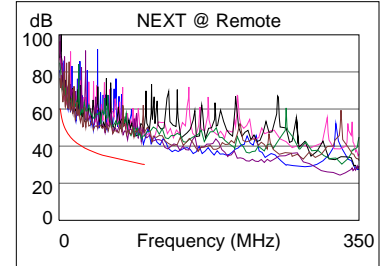
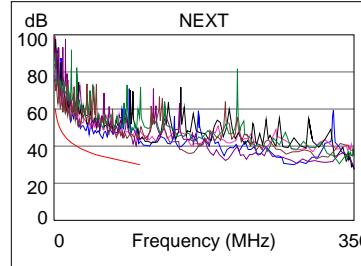
PASS



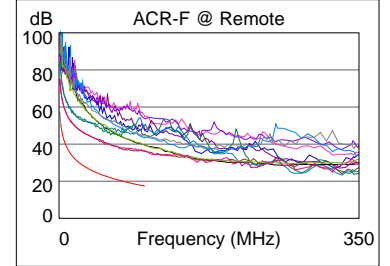
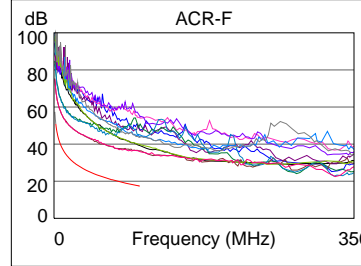
Length (m), Limit 100.0	[Pair 36]	37.6
Prop. Delay (ns), Limit 555		186
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	7.4
Insertion Loss Margin (dB)	[Pair 78]	15.8
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



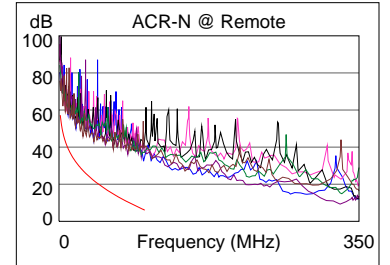
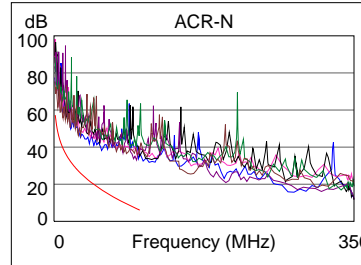
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-36	45-78	36-45	12-36
NEXT (dB)	9.1	10.4	9.9	10.6
Freq. (MHz)	56.0	28.0	95.8	98.8
Limit (dB)	34.4	39.5	30.4	30.2
Worst Pair	45	36	45	36
PS NEXT (dB)	10.7	11.4	10.7	11.4
Freq. (MHz)	96.3	96.0	96.3	98.8
Limit (dB)	27.4	27.4	27.4	27.2



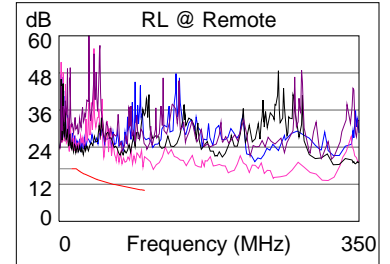
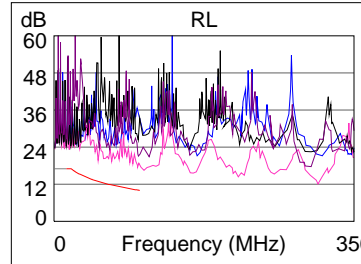
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-78	36-78	78-36	36-78
ACR-F (dB)	17.0	17.0	18.6	18.5
Freq. (MHz)	53.3	76.0	99.5	99.5
Limit (dB)	22.9	19.8	17.4	17.4
Worst Pair	78	78	78	78
PS ACR-F (dB)	19.3	19.0	19.7	19.6
Freq. (MHz)	70.3	75.8	99.8	99.5
Limit (dB)	17.5	16.8	14.4	14.4



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	45-78	45-78	36-45	12-36
ACR-N (dB)	12.5	13.9	25.5	26.4
Freq. (MHz)	1.6	1.8	95.8	98.8
Limit (dB)	56.9	56.4	7.0	6.3
Worst Pair	45	78	45	36
PS ACR-N (dB)	15.2	15.9	26.4	27.2
Freq. (MHz)	1.6	4.5	96.5	98.8
Limit (dB)	53.9	45.0	3.8	3.3



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36	45	36	36
RL (dB)	6.2	5.1	6.7	7.5
Freq. (MHz)	17.8	19.8	98.0	98.0
Limit (dB)	17.0	17.0	10.1	10.1



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



Cable ID: D1-06

Test Summary: PASS

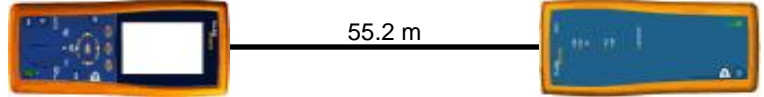
Date / Time: 08/26/2009 12:17:16pm
Headroom: 2.8 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

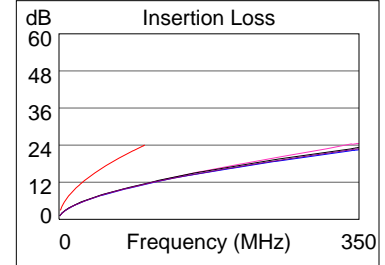
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

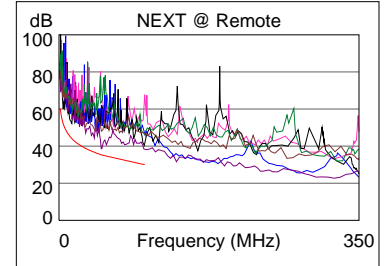
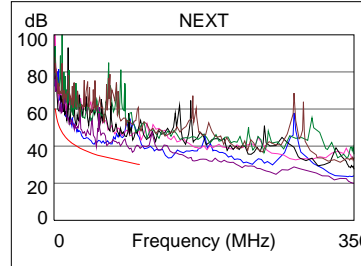
PASS



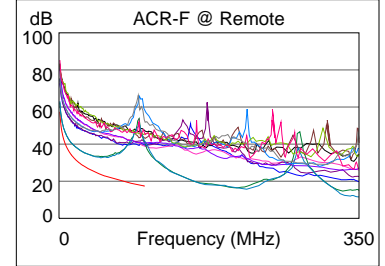
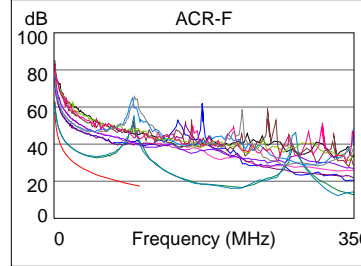
Length (m), Limit 100.0	[Pair 78]	55.2
Prop. Delay (ns), Limit 555		274
Delay Skew (ns), Limit 50		7
Resistance (ohms)	[Pair 45]	9.7
Insertion Loss Margin (dB)	[Pair 36]	12.5
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



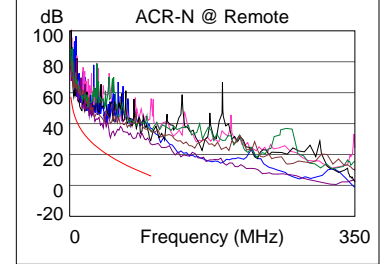
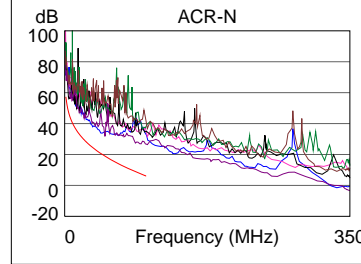
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	4.2	2.8	5.7	2.8
Freq. (MHz)	49.5	49.5	91.3	49.5
Limit (dB)	35.3	35.3	30.8	35.3
Worst Pair	36	45	45	36
PS NEXT (dB)	5.5	5.4	8.1	10.5
Freq. (MHz)	49.5	49.5	91.3	99.3
Limit (dB)	32.3	32.3	27.8	27.1



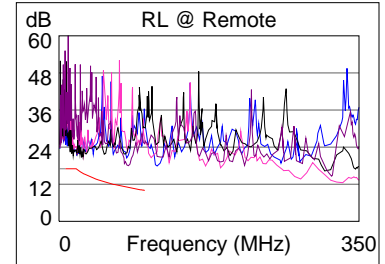
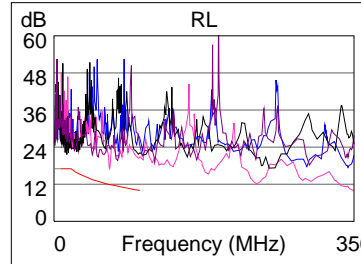
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	36-45	45-36
ACR-F (dB)	5.0	5.0	8.8	8.9
Freq. (MHz)	1.0	1.0	48.0	48.3
Limit (dB)	57.4	57.4	23.8	23.7
Worst Pair	36	45	45	36
PS ACR-F (dB)	7.8	7.7	11.4	11.6
Freq. (MHz)	1.0	1.0	48.0	49.8
Limit (dB)	54.4	54.4	20.8	20.5



	Worst Case Margin		Worst Case Value	
N/A	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	36-45	36-45
ACR-N (dB)	9.4	10.5	17.7	20.7
Freq. (MHz)	4.8	4.8	91.3	99.3
Limit (dB)	47.5	47.5	7.9	6.2
Worst Pair	12	78	45	36
PS ACR-N (dB)	11.6	12.4	20.1	22.9
Freq. (MHz)	4.8	4.5	91.3	99.3
Limit (dB)	44.5	45.0	4.9	3.2



	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	36	78
RL (dB)	4.6	3.8	5.1	6.7
Freq. (MHz)	15.0	16.9	64.8	78.8
Limit (dB)	17.0	17.0	11.9	11.0



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



Cable ID: D1-04

Test Summary: PASS

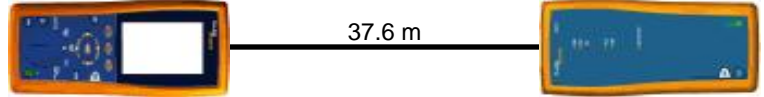
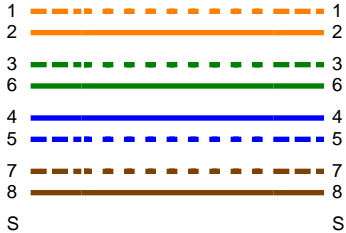
Date / Time: 08/26/2009 10:50:46am
Headroom: 7.6 dB (NEXT 12-78)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

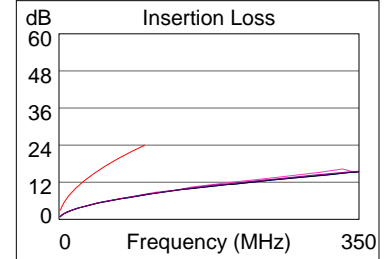
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

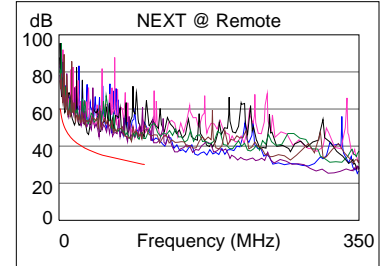
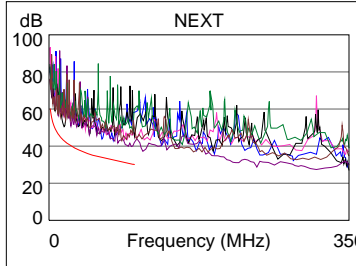
PASS



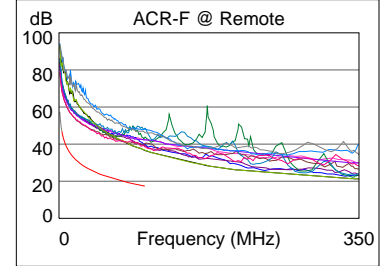
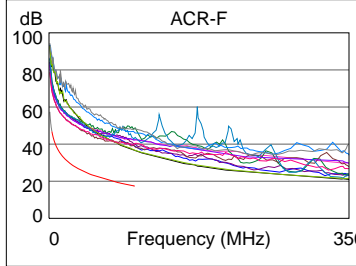
Length (m), Limit 100.0	[Pair 78]	37.6
Prop. Delay (ns), Limit 555		186
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	7.4
Insertion Loss Margin (dB)	[Pair 36]	15.9
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



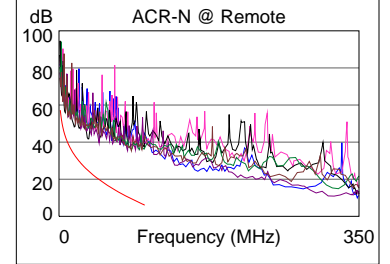
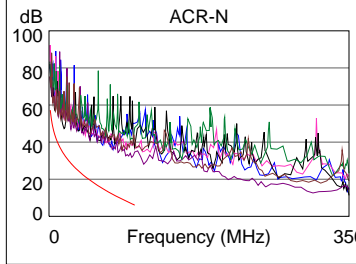
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-78	12-78	36-45	36-45
NEXT (dB)	7.6	8.1	9.2	10.7
Freq. (MHz)	17.4	34.0	96.5	80.0
Limit (dB)	43.0	38.1	30.3	31.7
Worst Pair	12	78	45	78
PS NEXT (dB)	9.5	9.1	9.7	11.3
Freq. (MHz)	17.9	7.3	90.5	84.5
Limit (dB)	39.8	46.3	27.8	28.3



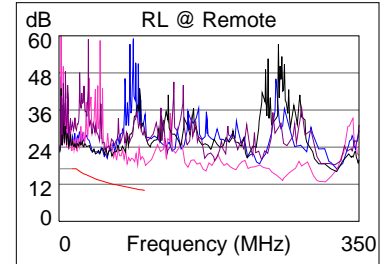
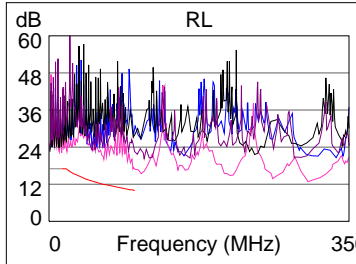
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	78-12	12-78	78-12	12-78
ACR-F (dB)	19.3	19.2	19.3	19.2
Freq. (MHz)	99.8	99.0	99.8	99.8
Limit (dB)	17.4	17.5	17.4	17.4
Worst Pair	12	12	12	12
PS ACR-F (dB)	19.8	19.7	19.8	19.7
Freq. (MHz)	99.8	98.0	99.8	99.8
Limit (dB)	14.4	14.6	14.4	14.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	45-78	12-78	36-45	45-78
ACR-N (dB)	12.7	12.1	25.0	25.8
Freq. (MHz)	1.6	6.8	96.5	84.3
Limit (dB)	56.9	44.0	6.8	9.5
Worst Pair	12	78	45	78
PS ACR-N (dB)	13.0	13.1	25.0	25.9
Freq. (MHz)	3.0	7.1	90.5	84.5
Limit (dB)	48.7	40.5	5.1	6.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36	36	36	36
RL (dB)	5.7	5.6	6.9	7.8
Freq. (MHz)	15.1	20.6	98.0	91.8
Limit (dB)	17.0	16.9	10.1	10.4



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



Cable ID: D1-03

Test Summary: FAIL

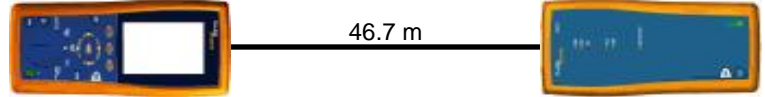
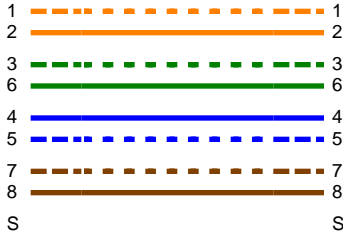
Date / Time: 08/25/2009 04:13:00pm
 Headroom: -3.7 dB (NEXT 12-78)
 Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

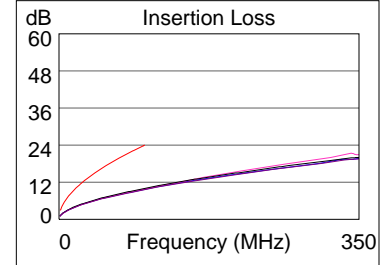
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

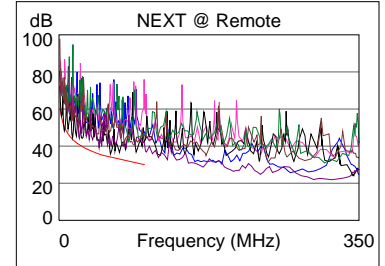
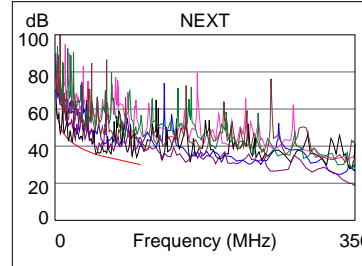
PASS



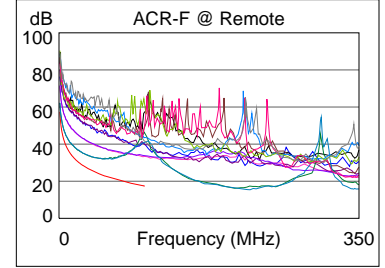
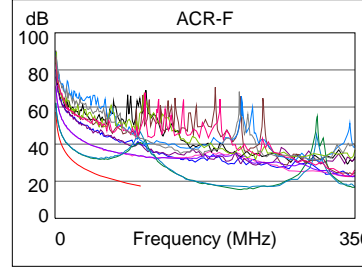
Length (m), Limit 100.0	[Pair 78]	46.7
Prop. Delay (ns), Limit 555		233
Delay Skew (ns), Limit 50		7
Resistance (ohms)	[Pair 12]	8.4
Insertion Loss Margin (dB)	[Pair 45]	13.9
Frequency (MHz)	[Pair 45]	100.0
Limit (dB)	[Pair 45]	24.0



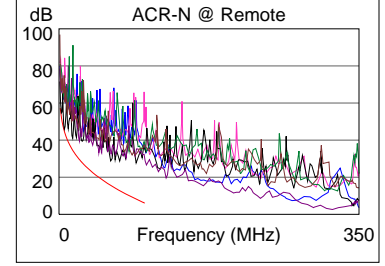
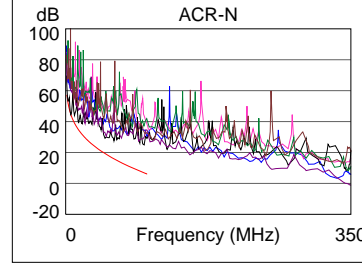
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	12-78	12-78	12-78	12-78
NEXT (dB)	-3.7 F	-2.3 F	3.5	1.8
Freq. (MHz)	6.1	6.0	95.5	59.8
Limit (dB)	50.5	50.7	30.4	33.9
Worst Pair	12	12	78	78
PS NEXT (dB)	-0.8 F	0.6	5.8	4.4
Freq. (MHz)	6.1	6.0	95.5	59.8
Limit (dB)	47.5	47.7	27.4	30.9



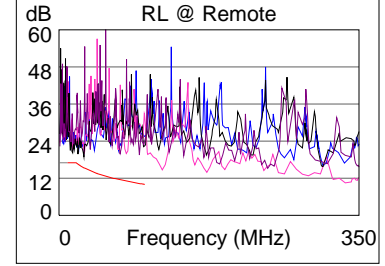
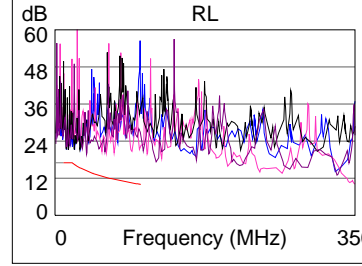
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
ACR-F (dB)	4.8	4.8	10.1	8.5
Freq. (MHz)	1.3	1.0	61.8	50.5
Limit (dB)	55.5	57.4	21.6	23.3
Worst Pair	45	45	45	45
PS ACR-F (dB)	7.3	7.3	11.8	12.4
Freq. (MHz)	1.3	1.0	61.8	62.3
Limit (dB)	52.5	54.4	18.6	18.5



	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)	-0.4	1.0	17.5	19.4
Freq. (MHz)	6.1	6.0	95.5	90.3
Limit (dB)	45.0	45.2	7.0	8.1
Worst Pair	12	12	78	78
PS ACR-N (dB)	2.5	3.9	19.8	21.2
Freq. (MHz)	6.1	6.0	95.5	90.8
Limit (dB)	42.0	42.2	4.0	5.0



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	45	78	45
RL (dB)	4.1	2.5	5.3	3.4
Freq. (MHz)	13.4	15.6	36.8	28.9
Limit (dB)	17.0	17.0	14.4	15.4



Cable ID: D1-02

Test Summary: FAIL

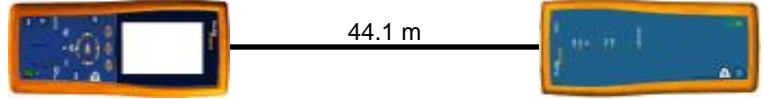
Date / Time: 08/25/2009 04:18:39pm
 Headroom: -6.4 dB (NEXT 12-78)
 Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

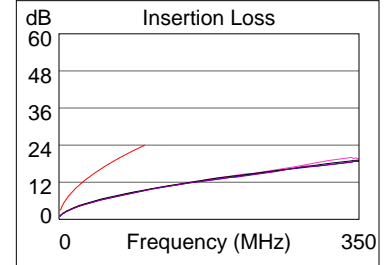
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

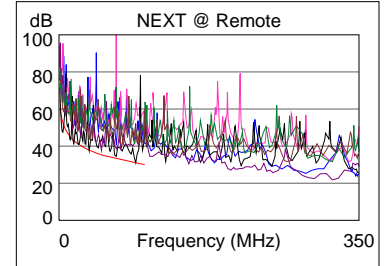
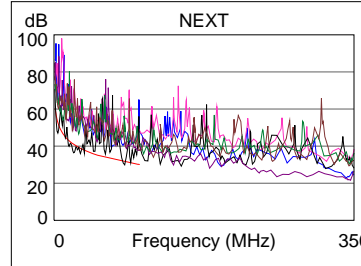
PASS



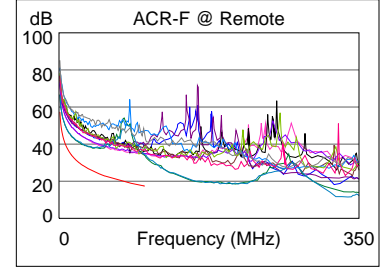
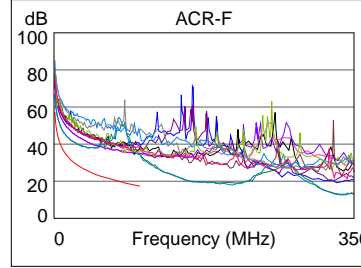
Length (m), Limit 100.0	[Pair 78]	44.1
Prop. Delay (ns), Limit 555		220
Delay Skew (ns), Limit 50		7
Resistance (ohms)	[Pair 45]	9.6
Insertion Loss Margin (dB)	[Pair 45]	14.5
Frequency (MHz)	[Pair 45]	100.0
Limit (dB)	[Pair 45]	24.0



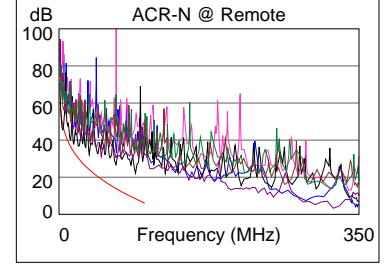
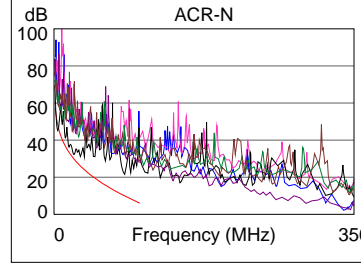
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	12-78	12-78	12-78	12-78
NEXT (dB)	-6.4 F	-6.1 F	-1.6	-0.2
Freq. (MHz)	3.8	3.8	82.3	89.0
Limit (dB)	54.0	54.0	31.5	31.0
Worst Pair	78	78	78	78
PS NEXT (dB)	-3.6 F	-3.3 F	1.0	2.5
Freq. (MHz)	3.8	3.8	82.8	89.0
Limit (dB)	51.0	51.0	28.5	28.0



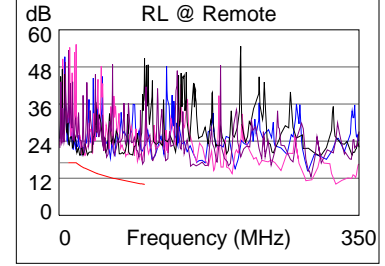
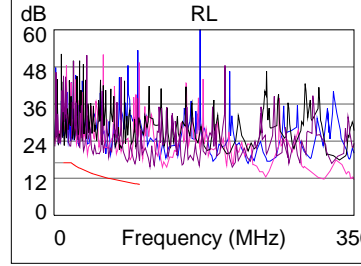
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	36-45	36-45
ACR-F (dB)	8.8	8.7	16.9	16.7
Freq. (MHz)	2.0	2.0	99.8	98.0
Limit (dB)	51.4	51.4	17.4	17.6
Worst Pair	36	45	45	36
PS ACR-F (dB)	10.8	10.7	16.8	16.8
Freq. (MHz)	1.8	2.0	100.0	99.8
Limit (dB)	49.5	48.4	14.4	14.4



	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)	-3.7	-3.4	11.7	13.8
Freq. (MHz)	3.8	3.5	82.5	89.3
Limit (dB)	49.7	50.3	9.9	8.4
Worst Pair	12	12	78	12
PS ACR-N (dB)	-0.9	-0.6	14.4	16.6
Freq. (MHz)	3.8	3.8	82.8	89.3
Limit (dB)	46.7	46.7	6.8	5.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	78	45	78	78
RL (dB)	5.1	3.1	5.7	6.4
Freq. (MHz)	19.0	24.6	93.5	97.8
Limit (dB)	17.0	16.1	10.3	10.1





Cable ID: D1-01

Test Summary: PASS

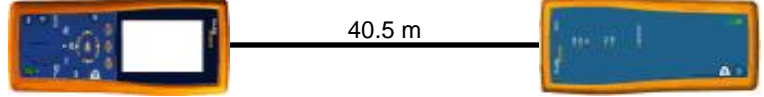
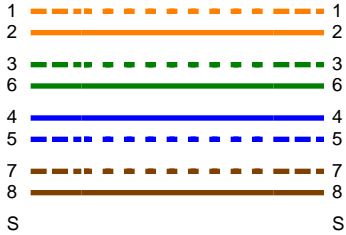
Date / Time: 08/25/2009 04:05:49pm
Headroom: 5.4 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

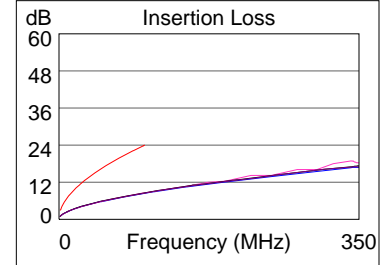
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

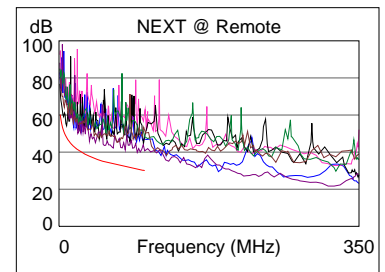
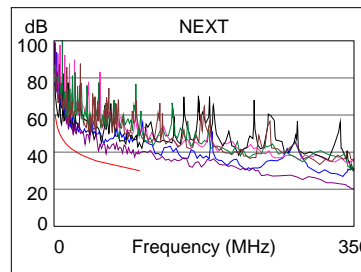
PASS



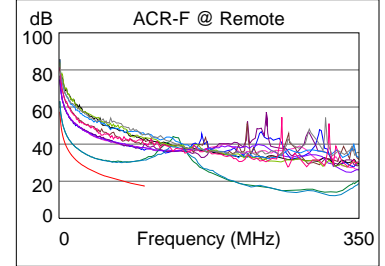
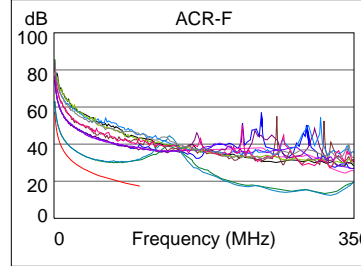
Length (m), Limit 100.0	[Pair 78]	40.5
Prop. Delay (ns), Limit 555		201
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 12]	7.3
Insertion Loss Margin (dB)	[Pair 36]	15.4
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



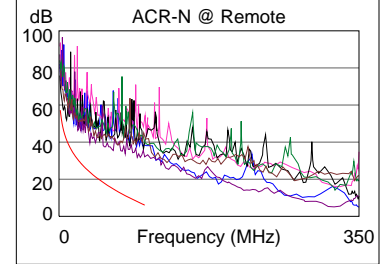
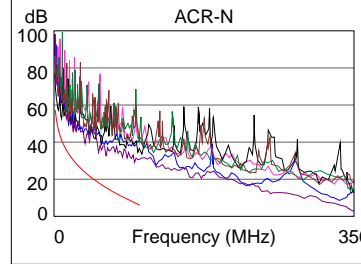
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	12-78	36-45	36-45
NEXT (dB)	5.4	6.0	6.9	8.3
Freq. (MHz)	60.8	8.4	94.0	94.0
Limit (dB)	33.8	48.3	30.5	30.5
Worst Pair	36	78	36	36
PS NEXT (dB)	7.7	8.5	9.3	10.5
Freq. (MHz)	60.8	8.4	94.0	94.0
Limit (dB)	30.8	45.3	27.5	27.5



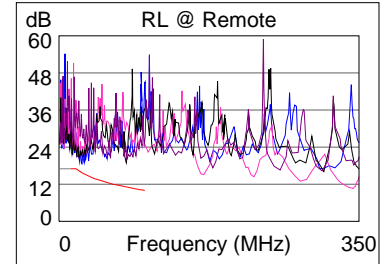
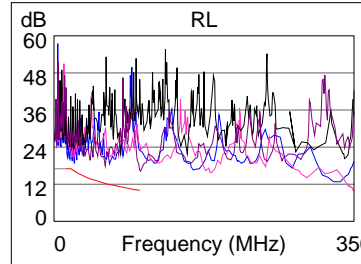
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	5.6	5.6	9.5	9.5
Freq. (MHz)	1.6	1.1	70.8	71.0
Limit (dB)	53.2	56.4	20.4	20.4
Worst Pair	36	36	45	36
PS ACR-F (dB)	8.2	8.2	12.8	12.7
Freq. (MHz)	1.1	1.6	78.8	78.8
Limit (dB)	53.4	50.2	16.5	16.5



	Worst Case Margin		Worst Case Value	
N/A	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	36-45	36-45
ACR-N (dB)	9.9	10.2	21.8	23.2
Freq. (MHz)	4.5	8.4	94.0	94.0
Limit (dB)	48.0	41.8	7.3	7.3
Worst Pair	78	78	36	36
PS ACR-N (dB)	12.4	12.7	24.3	25.5
Freq. (MHz)	4.8	8.4	94.0	94.0
Limit (dB)	44.5	38.8	4.3	4.3



	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	12	12	78	45
RL (dB)	2.4	2.6	6.3	7.3
Freq. (MHz)	23.6	23.8	100.0	77.8
Limit (dB)	16.3	16.3	10.0	11.1



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