



Cable ID: V2-27

Test Summary: PASS

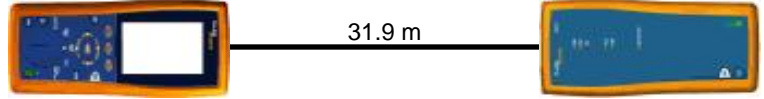
Date / Time: 08/25/2009 02:40:10pm
Headroom: 4.0 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

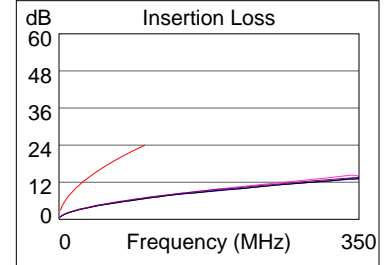
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

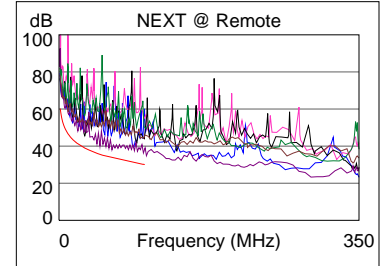
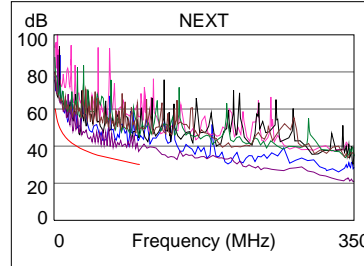
PASS



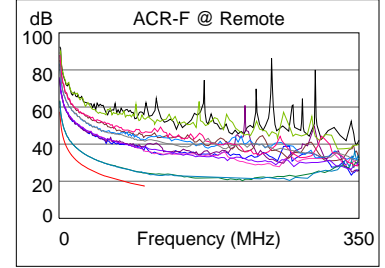
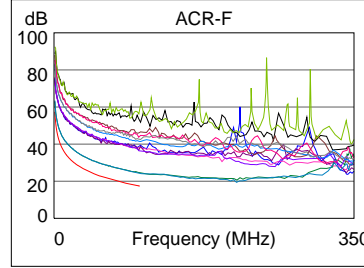
Length (m), Limit 100.0	[Pair 12]	31.9
Prop. Delay (ns), Limit 555		157
Delay Skew (ns), Limit 50		3
Resistance (ohms)	[Pair 12]	5.9
Insertion Loss Margin (dB)	[Pair 78]	17.0
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



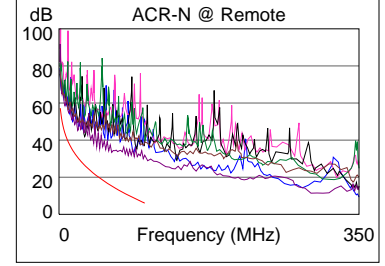
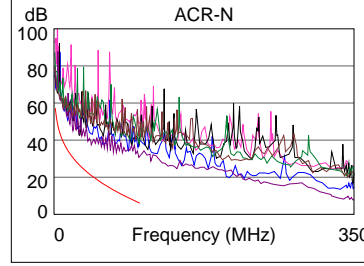
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	5.2	4.0	7.0	6.0
Freq. (MHz)	44.0	62.3	98.8	98.8
Limit (dB)	36.2	33.6	30.2	30.2
Worst Pair	36	36	36	45
PS NEXT (dB)	7.2	6.5	8.6	8.3
Freq. (MHz)	43.8	61.8	98.8	98.8
Limit (dB)	33.2	30.7	27.2	27.2



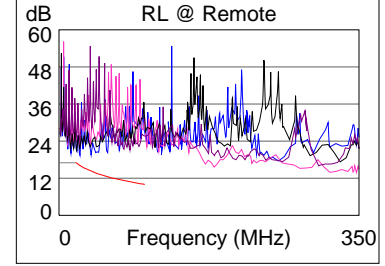
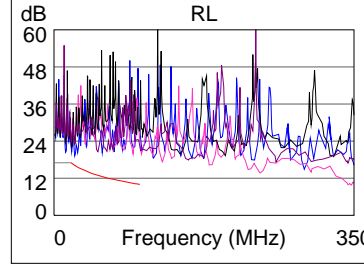
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	5.5	5.5	6.8	6.9
Freq. (MHz)	1.1	1.1	99.5	98.8
Limit (dB)	56.4	56.4	17.4	17.5
Worst Pair	36	45	36	45
PS ACR-F (dB)	8.2	8.1	9.6	9.4
Freq. (MHz)	1.1	1.1	99.5	99.5
Limit (dB)	53.4	53.4	14.4	14.4



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



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



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



Cable ID: V2-26

Test Summary: PASS

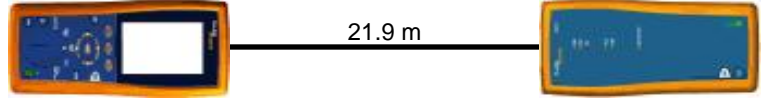
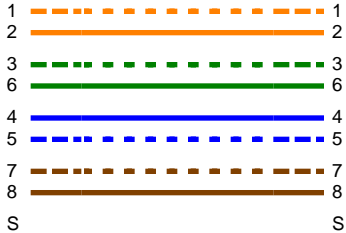
Date / Time: 08/21/2009 09:50:13am
 Headroom: 4.6 dB (NEXT 12-36)
 Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

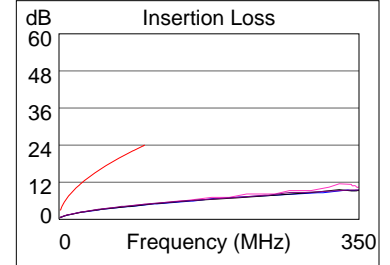
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

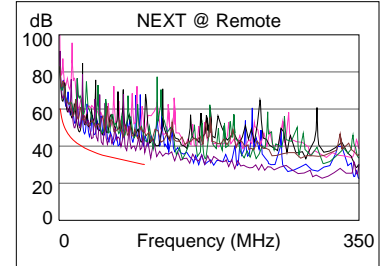
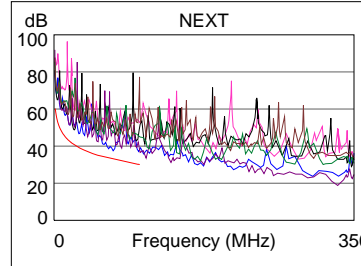
PASS



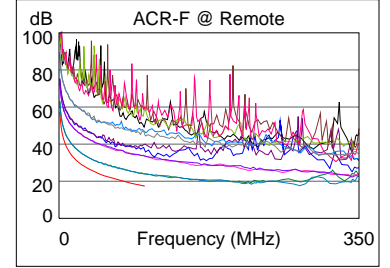
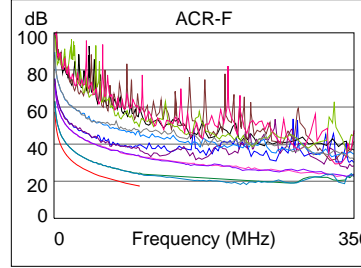
Length (m), Limit 100.0	[Pair 12]	21.9
Prop. Delay (ns), Limit 555		108
Delay Skew (ns), Limit 50		2
Resistance (ohms)	[Pair 12]	4.4
Insertion Loss Margin (dB)	[Pair 36]	19.1
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



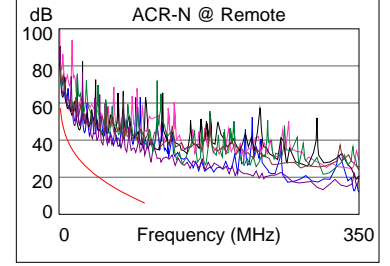
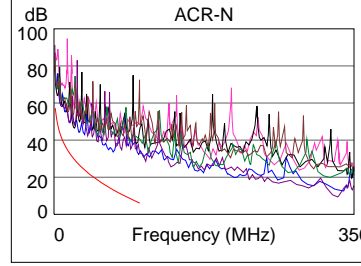
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-36	36-45	12-36	36-45
NEXT (dB)	4.6	5.3	6.9	6.4
Freq. (MHz)	69.0	50.5	98.5	100.0
Limit (dB)	32.9	35.2	30.2	30.1
Worst Pair	36	36	36	36
PS NEXT (dB)	6.9	6.8	7.3	7.9
Freq. (MHz)	62.8	50.5	100.0	100.0
Limit (dB)	30.6	32.2	27.1	27.1



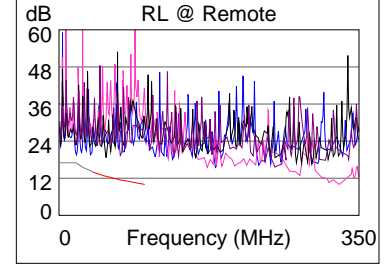
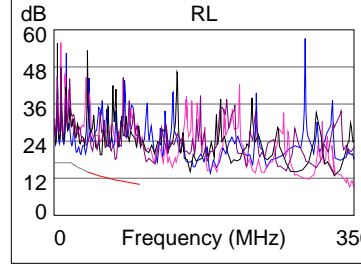
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	45-36	36-45
ACR-F (dB)	5.3	5.3	6.1	6.4
Freq. (MHz)	1.1	1.0	99.8	99.5
Limit (dB)	56.4	57.4	17.4	17.4
Worst Pair	45	45	36	45
PS ACR-F (dB)	7.9	7.9	9.0	8.7
Freq. (MHz)	1.1	1.1	99.8	99.8
Limit (dB)	53.4	53.4	14.4	14.4



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-78	12-78	12-36	36-45
ACR-N (dB)	13.8	13.8	25.9	25.8
Freq. (MHz)	3.1	3.6	98.5	100.0
Limit (dB)	51.4	50.0	6.4	6.1
Worst Pair	12	78	36	36
PS ACR-N (dB)	14.2	14.7	26.4	27.0
Freq. (MHz)	2.4	2.6	100.0	100.0
Limit (dB)	50.8	49.9	3.1	3.1



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	78	45	78	45
RL (dB)	6.1	6.1	6.1	6.1
Freq. (MHz)	71.8	54.8	72.0	54.8
Limit (dB)	11.5	12.6	11.4	12.6



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



Cable ID: V1-29

Test Summary: PASS

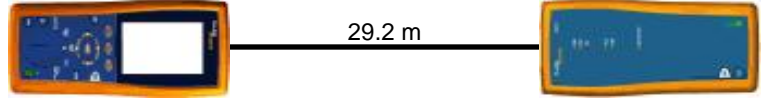
Date / Time: 08/21/2009 09:12:02am
Headroom: 5.2 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

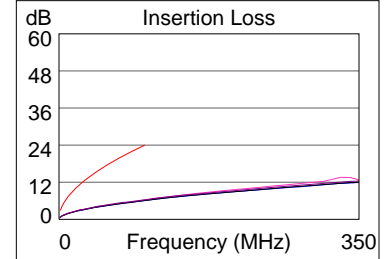
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

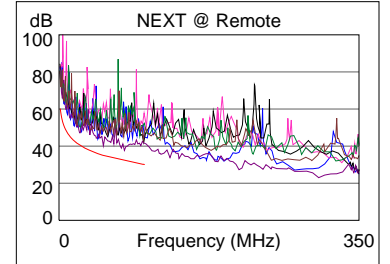
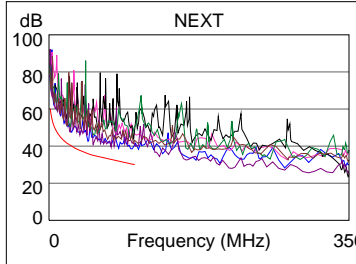
PASS



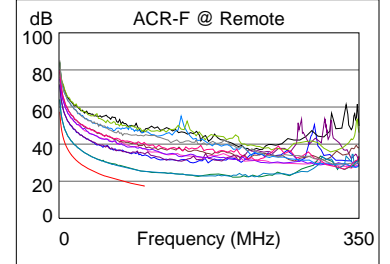
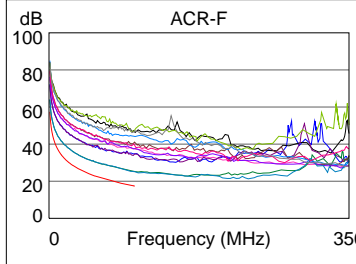
Length (m), Limit 100.0	[Pair 12]	29.2
Prop. Delay (ns), Limit 555		145
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	5.4
Insertion Loss Margin (dB)	[Pair 36]	17.7
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



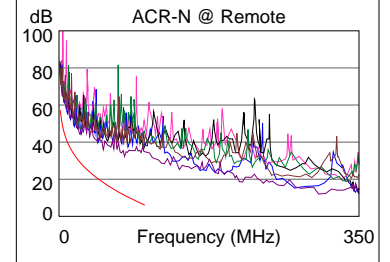
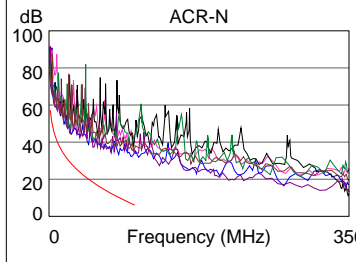
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	12-36	36-45
NEXT (dB)	5.3	5.2	7.7	5.5
Freq. (MHz)	52.0	51.8	96.0	76.5
Limit (dB)	35.0	35.0	30.4	32.1
Worst Pair	36	36	36	45
PS NEXT (dB)	6.3	6.9	8.2	7.9
Freq. (MHz)	51.8	24.8	96.3	76.5
Limit (dB)	32.0	37.4	27.4	29.1



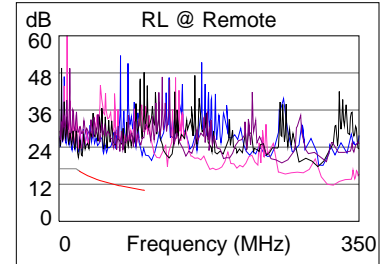
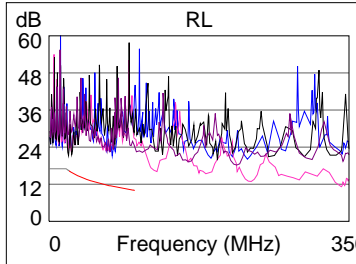
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	45-36	45-36	45-36
ACR-F (dB)	6.4	6.4	7.6	7.6
Freq. (MHz)	1.0	1.0	99.5	99.8
Limit (dB)	57.4	57.4	17.4	17.4
Worst Pair	36	36	36	36
PS ACR-F (dB)	8.9	8.6	9.9	10.2
Freq. (MHz)	1.1	1.0	100.0	99.5
Limit (dB)	53.4	54.4	14.4	14.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-36	36-45	12-36	36-45
ACR-N (dB)	14.7	14.7	25.1	21.0
Freq. (MHz)	1.6	24.1	96.0	76.5
Limit (dB)	56.9	29.4	6.9	11.3
Worst Pair	36	36	36	45
PS ACR-N (dB)	15.2	15.3	25.7	23.4
Freq. (MHz)	24.6	24.8	96.3	76.5
Limit (dB)	26.1	26.0	3.8	8.3



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45	45	12	12
RL (dB)	5.7	5.2	9.9	10.8
Freq. (MHz)	26.6	26.6	73.8	97.5
Limit (dB)	15.8	15.8	11.3	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: D2-27

Test Summary: PASS

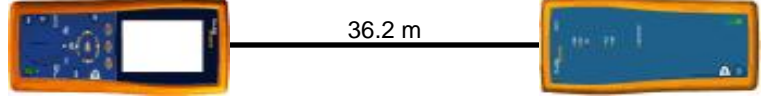
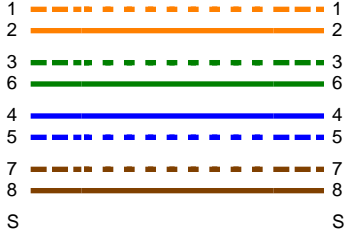
Date / Time: 08/24/2009 11:33:53am
Headroom: 3.7 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

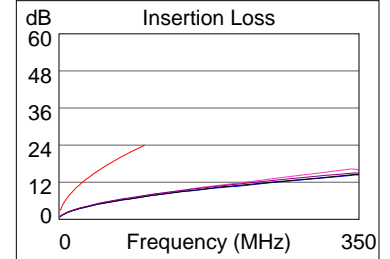
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

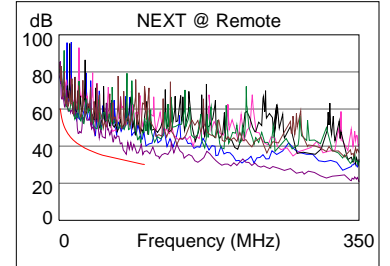
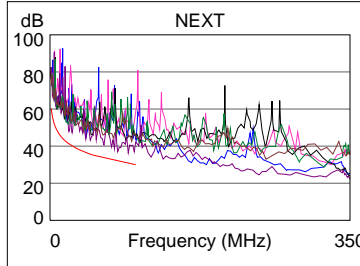
PASS



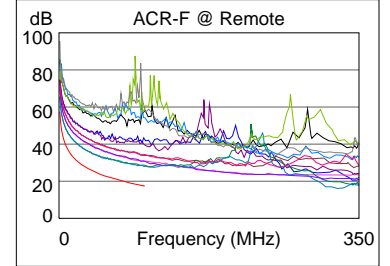
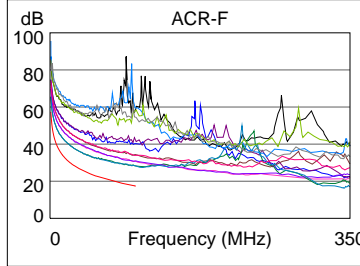
Length (m), Limit 100.0	[Pair 12]	36.2
Prop. Delay (ns), Limit 555		180
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 78]	6.6
Insertion Loss Margin (dB)	[Pair 78]	16.3
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



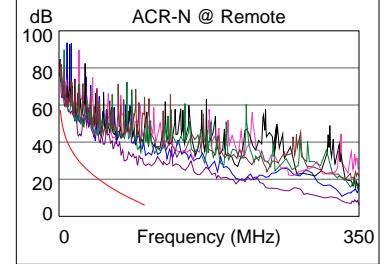
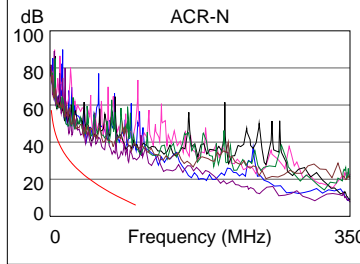
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	5.2	3.7	5.4	4.0
Freq. (MHz)	78.8	78.5	91.5	91.5
Limit (dB)	31.9	31.9	30.7	30.7
Worst Pair	36	36	45	36
PS NEXT (dB)	7.6	6.4	7.8	6.4
Freq. (MHz)	41.8	91.5	91.5	91.5
Limit (dB)	33.6	27.7	27.7	27.7



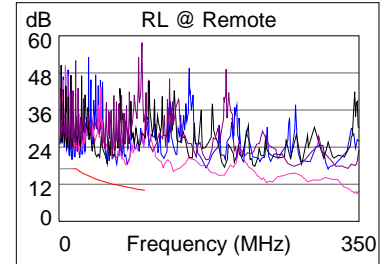
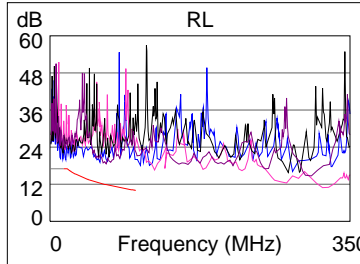
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	8.1	8.1	10.7	10.5
Freq. (MHz)	1.0	1.3	99.0	98.8
Limit (dB)	57.4	55.5	17.5	17.5
Worst Pair	45	45	45	45
PS ACR-F (dB)	9.8	9.7	11.9	11.5
Freq. (MHz)	2.3	2.3	99.8	96.0
Limit (dB)	47.4	47.4	14.4	14.8



	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)	13.4	12.2	21.2	19.8
Freq. (MHz)	2.8	2.9	91.5	91.5
Limit (dB)	52.5	52.1	7.9	7.9
Worst Pair	78	45	36	36
PS ACR-N (dB)	14.9	14.5	24.9	22.0
Freq. (MHz)	7.8	2.9	97.8	91.5
Limit (dB)	39.6	49.1	3.5	4.9



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	12	12
RL (dB)	2.6	3.2	6.5	6.0
Freq. (MHz)	18.1	18.3	67.8	67.8
Limit (dB)	17.0	17.0	11.7	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: D2-26

Test Summary: PASS

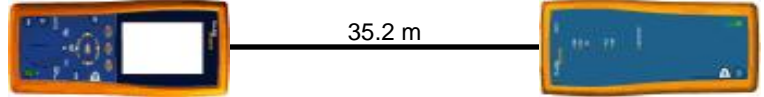
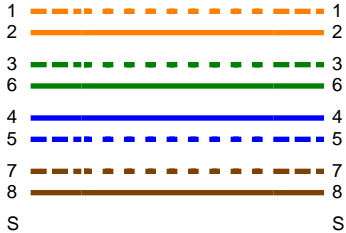
Date / Time: 08/21/2009 09:37:12am
Headroom: 6.1 dB (NEXT 12-36)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

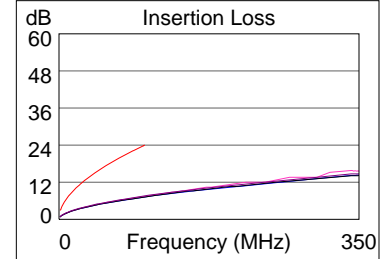
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

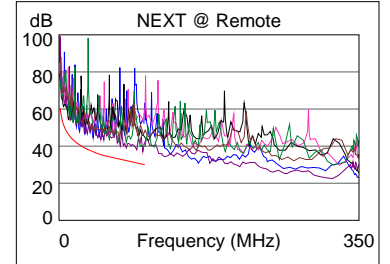
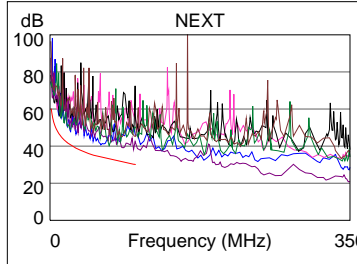
PASS



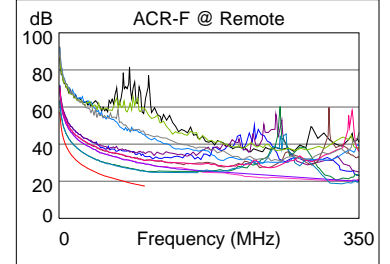
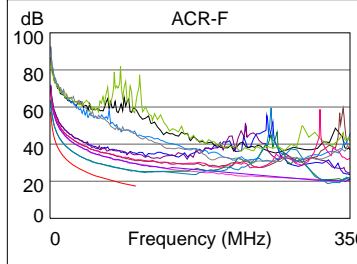
Length (m), Limit 100.0	[Pair 12]	35.2
Prop. Delay (ns), Limit 555		175
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 12]	6.4
Insertion Loss Margin (dB)	[Pair 78]	16.5
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



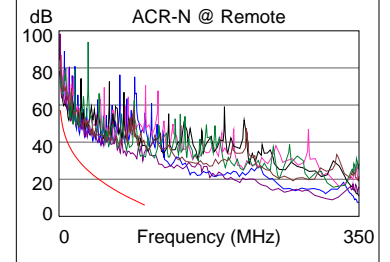
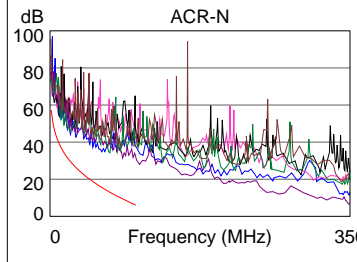
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-36	36-45	36-45	36-45
NEXT (dB)	6.1	6.9	6.4	6.9
Freq. (MHz)	59.8	97.5	84.3	97.8
Limit (dB)	33.9	30.3	31.4	30.2
Worst Pair	36	36	45	36
PS NEXT (dB)	6.6	7.4	8.6	8.0
Freq. (MHz)	23.5	30.1	84.3	97.8
Limit (dB)	37.8	36.0	28.4	27.2



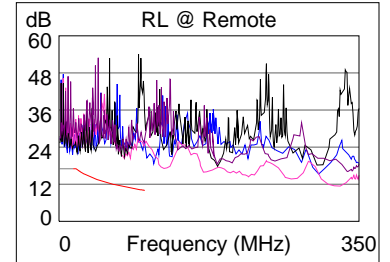
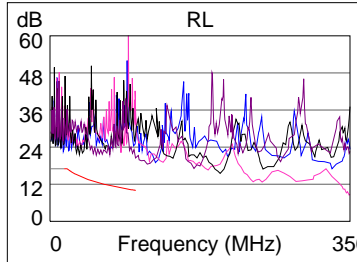
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	45-36	45-36
ACR-F (dB)	6.0	6.0	7.6	7.8
Freq. (MHz)	2.0	1.6	95.0	98.3
Limit (dB)	51.4	53.2	17.8	17.6
Worst Pair	36	36	36	36
PS ACR-F (dB)	7.7	7.7	9.6	9.5
Freq. (MHz)	1.0	1.6	99.0	99.0
Limit (dB)	54.4	50.2	14.5	14.5



	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	12.4	24.5	23.5
Freq. (MHz)	2.5	2.9	97.5	97.8
Limit (dB)	53.4	52.1	6.6	6.5
Worst Pair	36	36	45	36
PS ACR-N (dB)	13.4	14.2	26.7	24.4
Freq. (MHz)	1.6	1.8	97.5	97.8
Limit (dB)	53.9	53.4	3.6	3.5



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	78	36
RL (dB)	5.7	5.1	10.4	9.3
Freq. (MHz)	21.9	22.0	100.0	82.8
Limit (dB)	16.6	16.6	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: D2-25

Test Summary: PASS

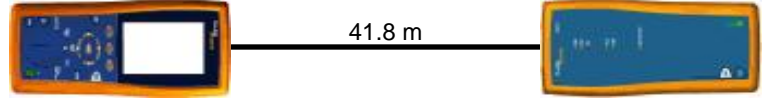
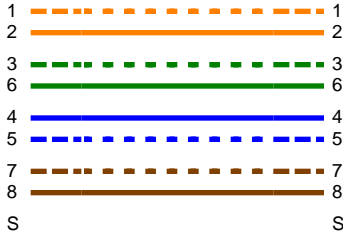
Date / Time: 08/24/2009 04:03:50pm
Headroom: 4.5 dB (NEXT 36-78)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

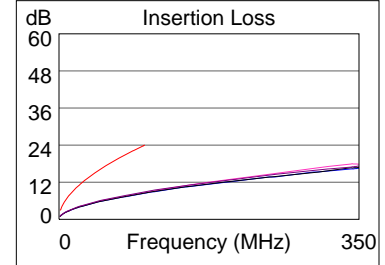
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

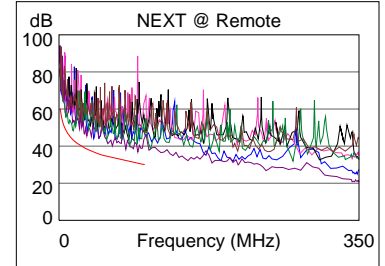
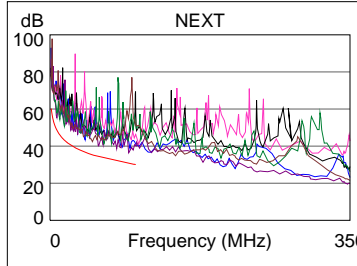
PASS



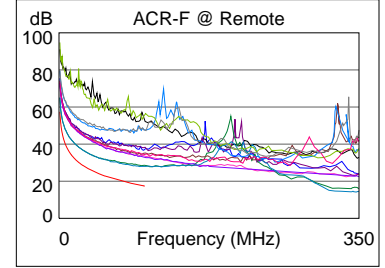
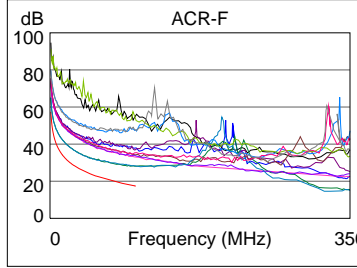
Length (m), Limit 100.0	[Pair 12]	41.8
Prop. Delay (ns), Limit 555		208
Delay Skew (ns), Limit 50		6
Resistance (ohms)	[Pair 12]	7.5
Insertion Loss Margin (dB)	[Pair 78]	15.2
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



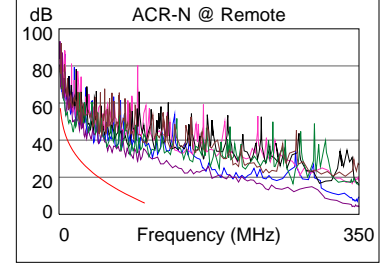
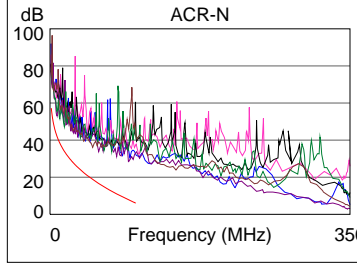
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-78	36-45	36-45
NEXT (dB)	5.7	4.5	5.7	5.9
Freq. (MHz)	56.5	16.4	91.5	91.8
Limit (dB)	34.3	43.4	30.7	30.7
Worst Pair	36	36	36	36
PS NEXT (dB)	7.1	6.0	7.1	7.7
Freq. (MHz)	35.3	16.3	91.5	91.5
Limit (dB)	34.8	40.5	27.7	27.7



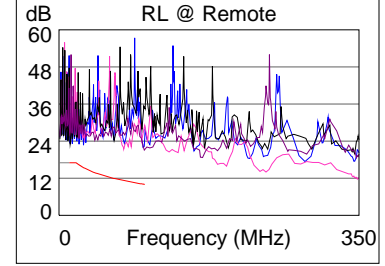
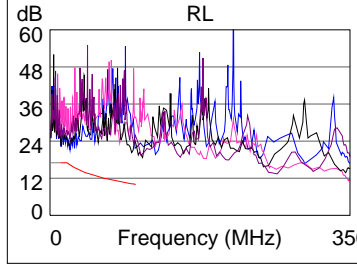
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	7.0	7.0	10.4	10.2
Freq. (MHz)	2.3	1.1	98.3	98.0
Limit (dB)	50.4	56.4	17.6	17.6
Worst Pair	36	36	45	36
PS ACR-F (dB)	9.1	9.2	12.3	12.1
Freq. (MHz)	1.3	2.0	98.5	98.3
Limit (dB)	52.5	48.4	14.5	14.6



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	36-78	36-45	36-45
ACR-N (dB)	10.5	10.2	21.0	20.8
Freq. (MHz)	7.9	16.4	94.3	91.8
Limit (dB)	42.4	34.3	7.3	7.8
Worst Pair	36	36	36	36
PS ACR-N (dB)	11.6	11.2	21.7	22.3
Freq. (MHz)	7.9	8.0	91.5	91.5
Limit (dB)	39.4	39.3	4.9	4.9



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	45	45	12
RL (dB)	4.8	5.6	9.5	10.7
Freq. (MHz)	23.1	13.3	95.8	98.8
Limit (dB)	16.4	17.0	10.2	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: D2-22

Test Summary: PASS

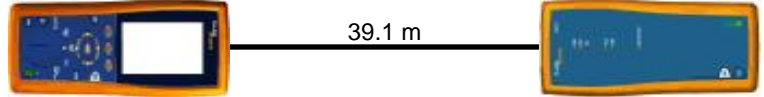
Date / Time: 08/21/2009 10:20:04am
Headroom: 4.7 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

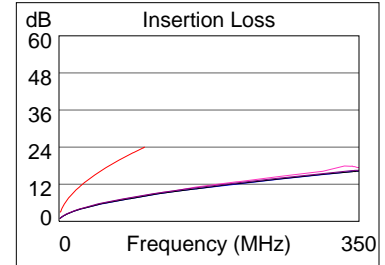
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

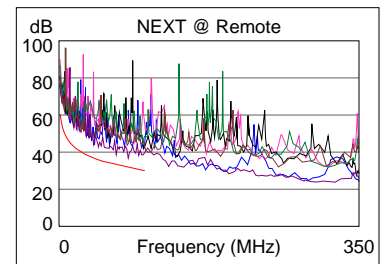
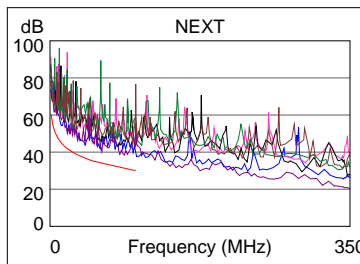
PASS



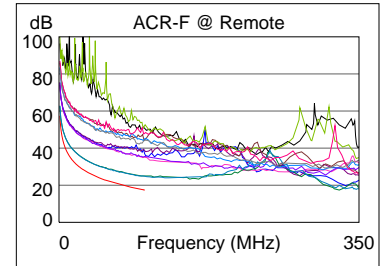
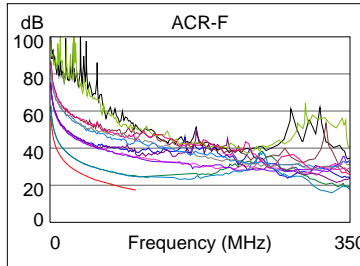
Length (m), Limit 100.0	[Pair 12]	39.1
Prop. Delay (ns), Limit 555		194
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 12]	7.3
Insertion Loss Margin (dB)	[Pair 36]	15.5
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



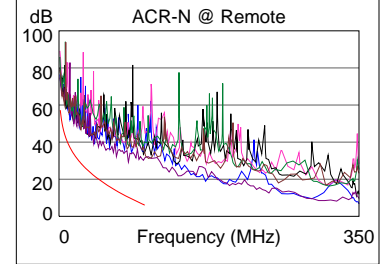
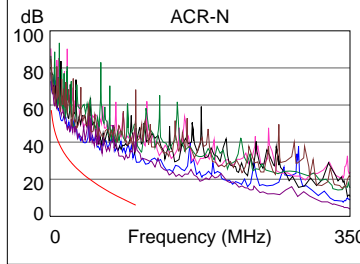
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-36	36-45	36-45	36-45
NEXT (dB)	6.4	4.7	6.5	4.7
Freq. (MHz)	41.5	81.0	81.0	81.3
Limit (dB)	36.6	31.7	31.7	31.6
Worst Pair	36	36	36	36
PS NEXT (dB)	7.7	7.1	8.6	7.1
Freq. (MHz)	38.0	81.3	87.3	81.3
Limit (dB)	34.3	28.6	28.1	28.6



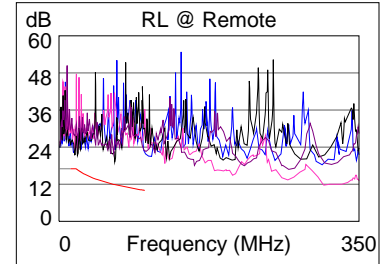
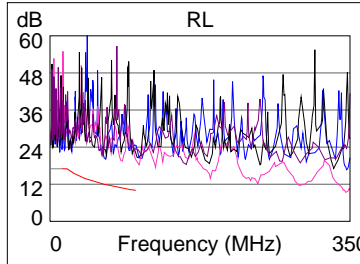
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	45-36	45-36
ACR-F (dB)	5.2	5.2	6.9	7.4
Freq. (MHz)	2.1	1.0	97.0	100.0
Limit (dB)	50.9	57.4	17.7	17.4
Worst Pair	36	36	36	45
PS ACR-F (dB)	7.9	7.9	9.7	9.4
Freq. (MHz)	2.3	2.1	97.0	97.0
Limit (dB)	47.4	47.9	14.7	14.7



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-36	36-45	12-36	36-45
ACR-N (dB)	12.0	13.9	24.3	18.9
Freq. (MHz)	1.6	3.0	100.0	81.3
Limit (dB)	56.9	51.7	6.1	10.2
Worst Pair	36	45	36	36
PS ACR-N (dB)	13.4	14.0	23.2	21.1
Freq. (MHz)	1.8	3.0	87.3	81.3
Limit (dB)	53.4	48.7	5.8	7.2



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	45	36	45
RL (dB)	5.3	4.3	8.5	7.0
Freq. (MHz)	17.1	21.8	82.3	65.3
Limit (dB)	17.0	16.6	10.9	11.9



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



Cable ID: D2-21

Test Summary: PASS

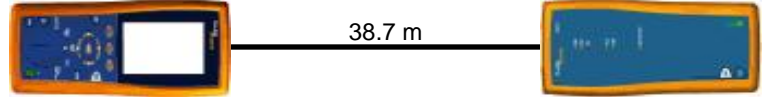
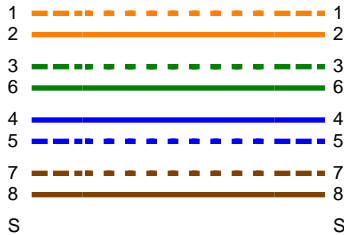
Date / Time: 08/21/2009 10:21:26am
Headroom: 4.3 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

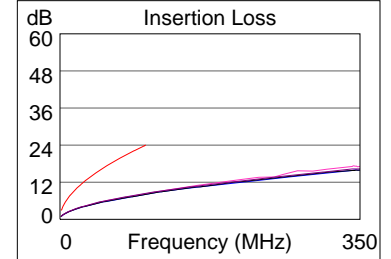
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

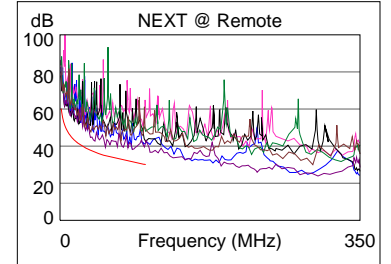
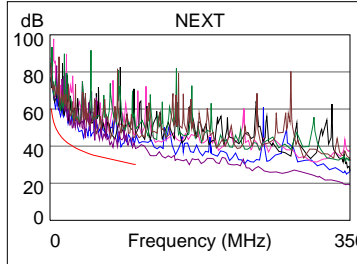
PASS



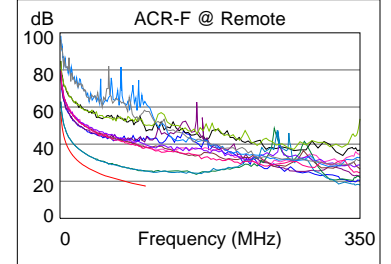
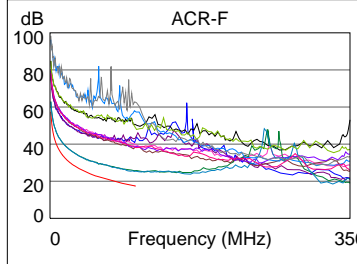
Length (m), Limit 100.0	[Pair 12]	38.7
Prop. Delay (ns), Limit 555		192
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 78]	7.3
Insertion Loss Margin (dB)	[Pair 36]	15.7
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



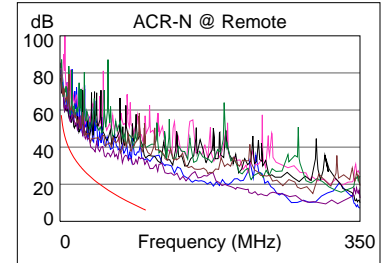
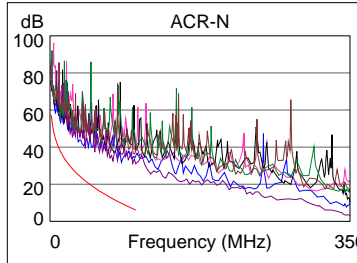
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	6.1	4.3	6.1	5.5
Freq. (MHz)	73.0	52.5	73.0	73.0
Limit (dB)	32.4	34.9	32.4	32.4
Worst Pair	36	36	45	36
PS NEXT (dB)	8.9	6.6	10.2	9.4
Freq. (MHz)	73.0	52.8	99.3	99.0
Limit (dB)	29.4	31.8	27.1	27.2



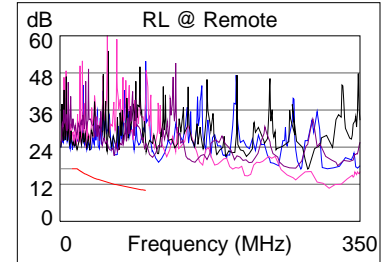
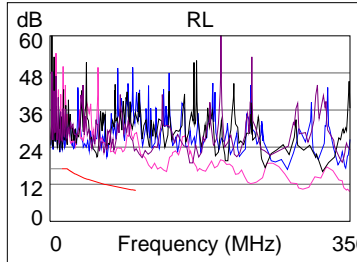
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	45-36	45-36
ACR-F (dB)	5.4	5.4	7.7	7.7
Freq. (MHz)	1.0	1.0	98.3	98.3
Limit (dB)	57.4	57.4	17.6	17.6
Worst Pair	36	36	36	45
PS ACR-F (dB)	8.2	8.3	10.4	10.5
Freq. (MHz)	1.0	1.0	98.3	98.3
Limit (dB)	54.4	54.4	14.6	14.6



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-36	12-78	36-45	36-45
ACR-N (dB)	13.7	13.2	24.4	21.2
Freq. (MHz)	6.3	5.1	99.5	84.8
Limit (dB)	44.8	46.7	6.2	9.4
Worst Pair	12	12	36	36
PS ACR-N (dB)	14.0	14.8	25.9	25.0
Freq. (MHz)	1.8	1.8	99.3	99.0
Limit (dB)	53.4	53.4	3.2	3.3



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	45	45	12
RL (dB)	6.5	6.2	8.1	8.1
Freq. (MHz)	17.3	19.8	55.0	66.0
Limit (dB)	17.0	17.0	12.6	11.8



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



Cable ID: D2-20

Test Summary: PASS

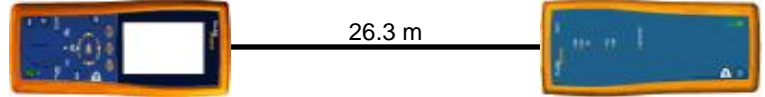
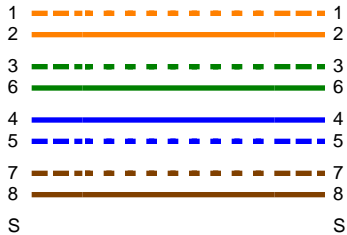
Date / Time: 08/21/2009 09:29:41am
Headroom: 5.0 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

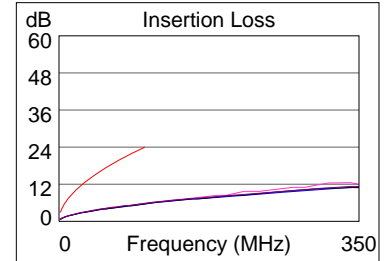
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

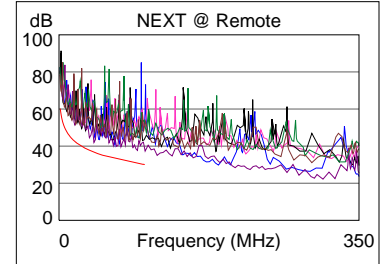
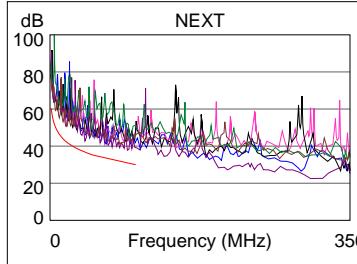
PASS



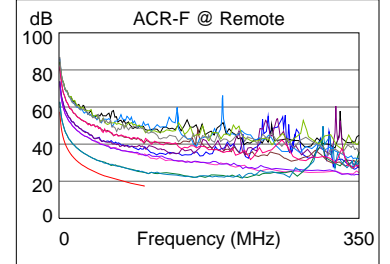
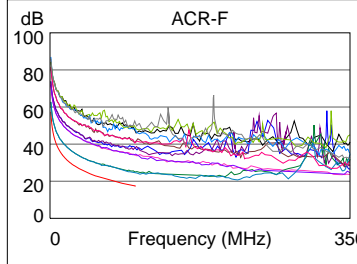
Length (m), Limit 100.0	[Pair 12]	26.3
Prop. Delay (ns), Limit 555		130
Delay Skew (ns), Limit 50		3
Resistance (ohms)	[Pair 12]	5.1
Insertion Loss Margin (dB)	[Pair 36]	18.2
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



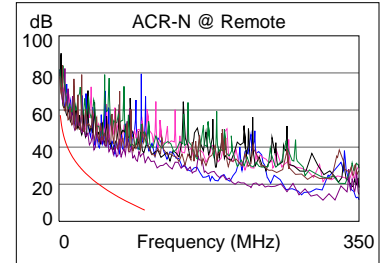
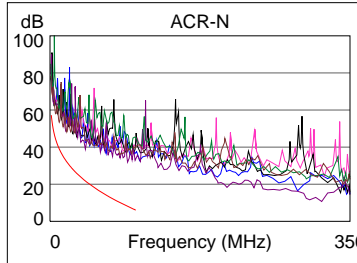
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	5.7	5.0	6.0	6.5
Freq. (MHz)	41.3	41.0	91.0	90.8
Limit (dB)	36.7	36.7	30.8	30.8
Worst Pair	36	36	45	45
PS NEXT (dB)	7.0	6.4	7.4	8.5
Freq. (MHz)	41.3	41.3	91.0	90.8
Limit (dB)	33.7	33.7	27.8	27.8



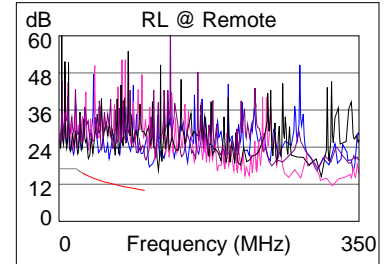
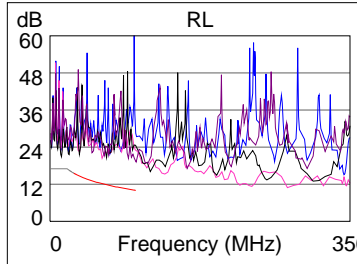
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	5.3	5.2	7.0	7.2
Freq. (MHz)	1.0	1.0	99.5	99.3
Limit (dB)	57.4	57.4	17.4	17.5
Worst Pair	36	45	36	45
PS ACR-F (dB)	7.9	7.8	9.7	9.6
Freq. (MHz)	1.0	1.0	99.5	99.5
Limit (dB)	54.4	54.4	14.4	14.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	45-78	45-78	36-45	36-45
ACR-N (dB)	13.4	14.4	25.2	24.0
Freq. (MHz)	6.4	2.0	100.0	90.8
Limit (dB)	44.6	55.3	6.1	8.0
Worst Pair	45	78	36	45
PS ACR-N (dB)	14.6	15.5	26.6	26.0
Freq. (MHz)	3.3	5.9	100.0	90.8
Limit (dB)	48.0	42.4	3.1	5.0



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45	45	78	45
RL (dB)	6.8	5.1	8.9	5.1
Freq. (MHz)	34.8	34.8	99.8	34.8
Limit (dB)	14.6	14.6	10.0	14.6



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



Cable ID: D2-19

Test Summary: PASS

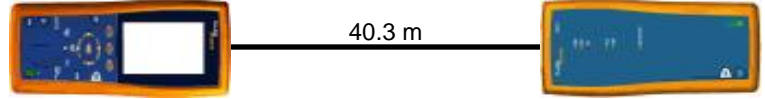
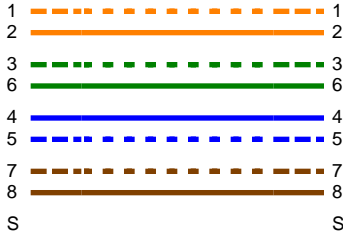
Date / Time: 08/21/2009 11:13:15am
Headroom: 4.8 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

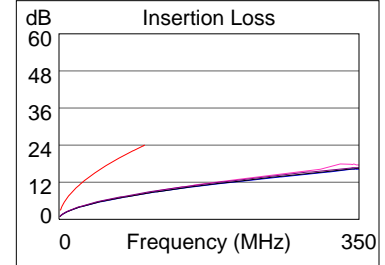
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

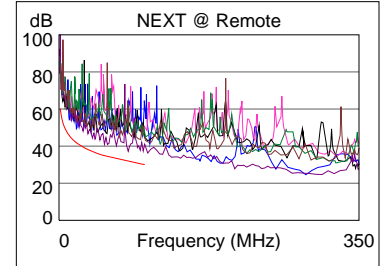
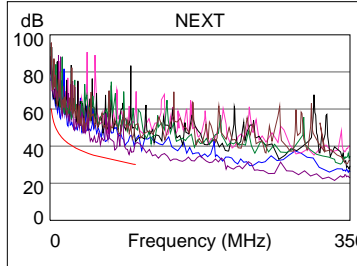
PASS



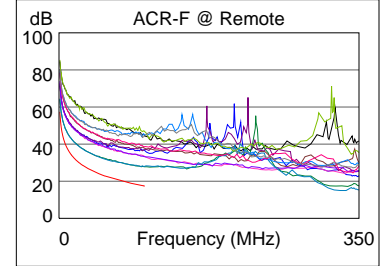
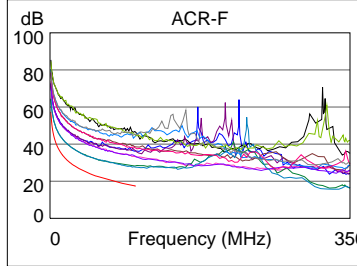
Length (m), Limit 100.0	[Pair 12]	40.3
Prop. Delay (ns), Limit 555		200
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 12]	7.5
Insertion Loss Margin (dB)	[Pair 78]	15.4
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



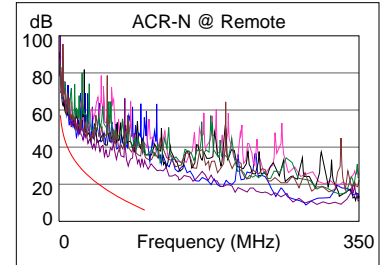
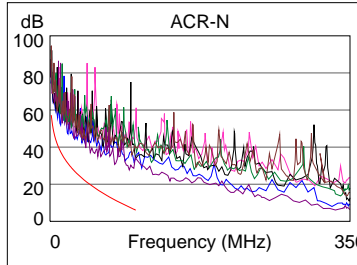
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	4.8	5.3	4.8	5.3
Freq. (MHz)	92.0	81.0	92.0	81.0
Limit (dB)	30.7	31.7	30.7	31.7
Worst Pair	36	45	36	36
PS NEXT (dB)	7.2	8.0	7.2	9.2
Freq. (MHz)	92.0	81.0	92.0	98.0
Limit (dB)	27.7	28.7	27.7	27.2



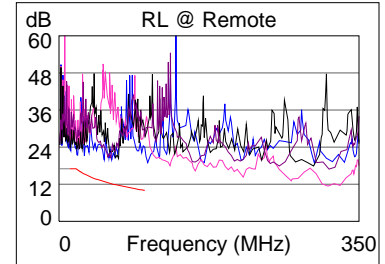
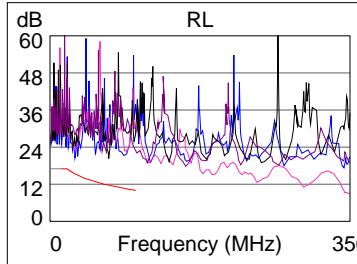
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	6.7	6.7	9.7	9.9
Freq. (MHz)	1.0	1.0	96.8	96.3
Limit (dB)	57.4	57.4	17.7	17.7
Worst Pair	36	45	36	45
PS ACR-F (dB)	8.9	9.1	11.9	11.8
Freq. (MHz)	1.0	1.0	96.8	96.8
Limit (dB)	54.4	54.4	14.7	14.7



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-36	12-36	36-45	36-45
ACR-N (dB)	13.6	13.5	19.8	22.6
Freq. (MHz)	12.0	12.0	92.0	98.0
Limit (dB)	37.9	37.9	7.8	6.5
Worst Pair	12	36	36	36
PS ACR-N (dB)	14.5	14.6	23.1	24.5
Freq. (MHz)	3.9	12.0	98.0	98.0
Limit (dB)	46.4	34.9	3.5	3.5



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	45	45
RL (dB)	5.0	4.2	8.3	7.1
Freq. (MHz)	29.4	21.3	68.8	68.8
Limit (dB)	15.3	16.7	11.6	11.6



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



Cable ID: D2-17

Test Summary: PASS

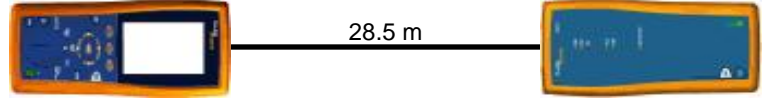
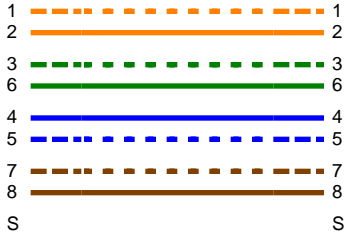
Date / Time: 08/21/2009 10:25:35am
Headroom: 1.6 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

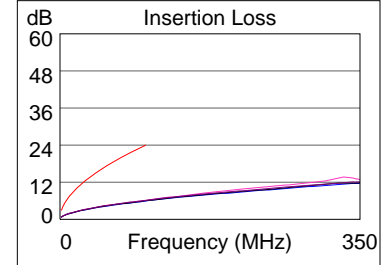
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

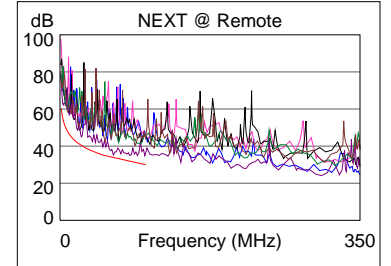
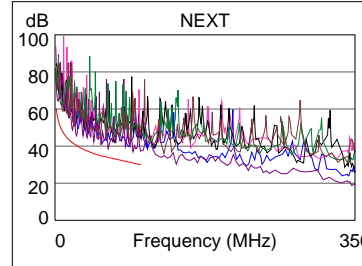
PASS



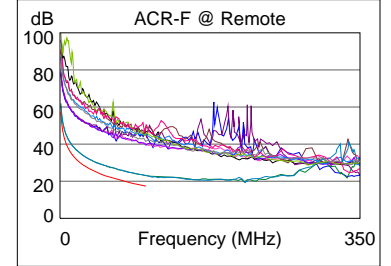
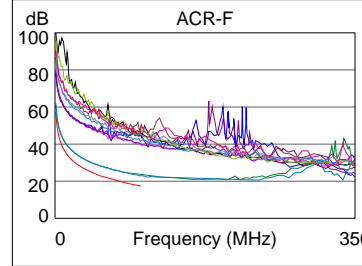
Length (m), Limit 100.0	[Pair 12]	28.5
Prop. Delay (ns), Limit 555		141
Delay Skew (ns), Limit 50		3
Resistance (ohms)	[Pair 12]	5.5
Insertion Loss Margin (dB)	[Pair 36]	17.8
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



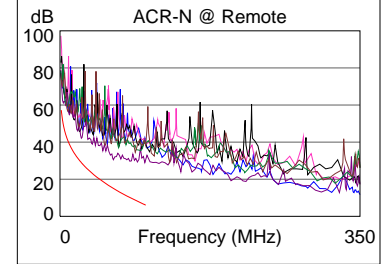
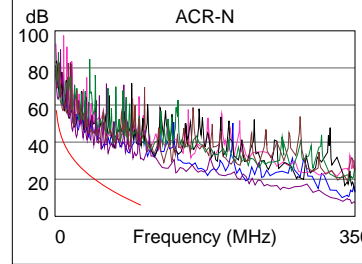
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	4.7	1.6	6.2	3.0
Freq. (MHz)	62.5	62.3	91.3	82.3
Limit (dB)	33.6	33.6	30.8	31.5
Worst Pair	36	36	36	36
PS NEXT (dB)	6.7	4.3	8.4	5.9
Freq. (MHz)	54.0	62.5	91.0	90.8
Limit (dB)	31.7	30.6	27.8	27.8



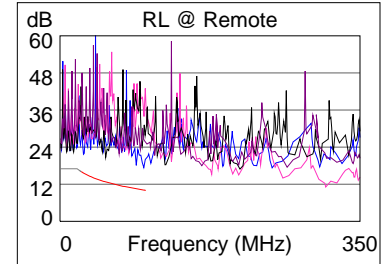
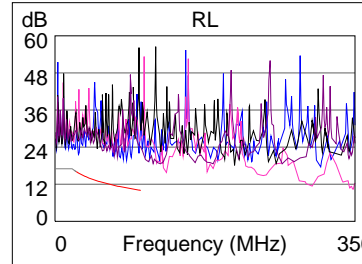
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	45-36	45-36	45-36
ACR-F (dB)	3.5	3.5	5.3	5.4
Freq. (MHz)	1.0	1.0	99.3	99.3
Limit (dB)	57.4	57.4	17.5	17.5
Worst Pair	45	36	36	45
PS ACR-F (dB)	6.4	6.4	8.3	8.1
Freq. (MHz)	1.0	1.0	99.3	99.3
Limit (dB)	54.4	54.4	14.5	14.5



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	11.7	10.7	23.4	22.6
Freq. (MHz)	2.5	3.0	91.3	99.5
Limit (dB)	53.4	51.7	7.9	6.2
Worst Pair	36	36	45	36
PS ACR-N (dB)	13.1	12.7	27.2	22.9
Freq. (MHz)	2.1	2.8	99.8	90.8
Limit (dB)	51.8	49.5	3.1	5.0



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	12	12
RL (dB)	5.9	5.9	8.7	7.0
Freq. (MHz)	27.5	27.6	83.8	97.3
Limit (dB)	15.6	15.6	10.8	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: D2-16

Test Summary: PASS

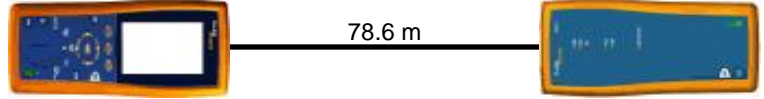
Date / Time: 08/21/2009 10:13:29am
Headroom: 4.6 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

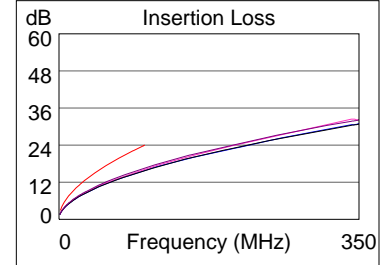
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

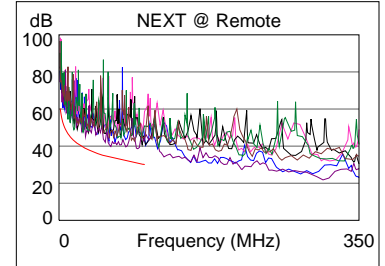
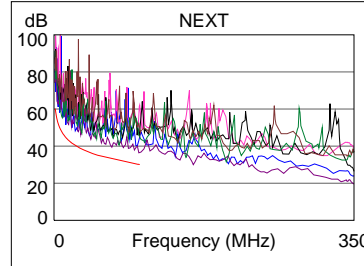
PASS



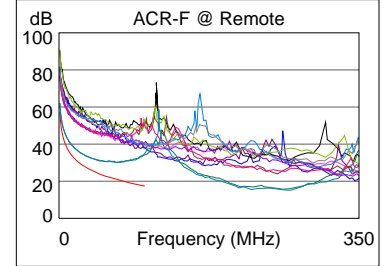
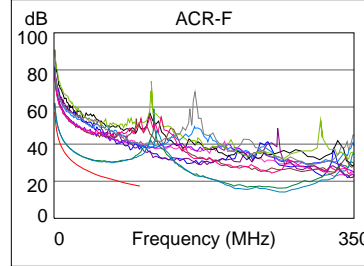
Length (m), Limit 100.0	[Pair 12]	78.6
Prop. Delay (ns), Limit 555		391
Delay Skew (ns), Limit 50		11
Resistance (ohms)	[Pair 78]	13.8
Insertion Loss Margin (dB)	[Pair 78]	7.5
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



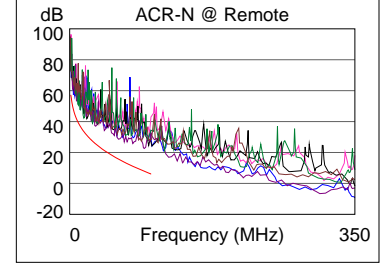
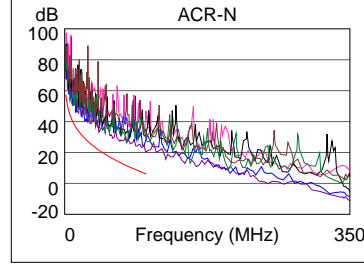
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	5.9	4.6	5.9	6.5
Freq. (MHz)	42.5	31.5	99.5	91.0
Limit (dB)	36.4	38.6	30.1	30.8
Worst Pair	36	78	36	36
PS NEXT (dB)	7.3	6.8	7.9	8.6
Freq. (MHz)	42.5	17.6	99.3	91.0
Limit (dB)	33.4	39.9	27.1	27.8



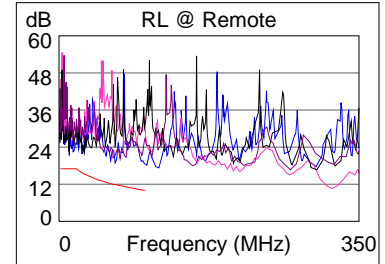
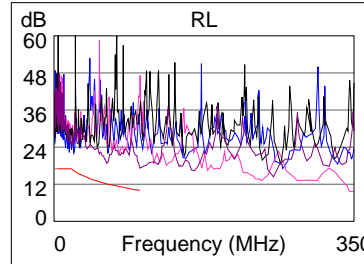
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	45-36	45-36
ACR-F (dB)	4.6	4.6	9.1	9.0
Freq. (MHz)	1.0	1.1	68.5	66.0
Limit (dB)	57.4	56.4	20.7	21.0
Worst Pair	36	36	36	45
PS ACR-F (dB)	7.3	7.4	11.8	11.8
Freq. (MHz)	1.1	1.1	68.5	68.5
Limit (dB)	53.4	53.4	17.7	17.7



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	36-78	36-45	36-45
ACR-N (dB)	9.4	8.5	14.1	14.4
Freq. (MHz)	3.6	17.6	99.5	91.0
Limit (dB)	50.0	33.4	6.2	8.0
Worst Pair	36	78	36	36
PS ACR-N (dB)	10.3	9.6	15.7	16.1
Freq. (MHz)	10.1	17.6	99.3	91.0
Limit (dB)	36.8	30.4	3.2	5.0



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	78	12
RL (dB)	5.3	4.3	7.6	7.9
Freq. (MHz)	17.8	12.0	100.0	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: D2-14

Test Summary: PASS

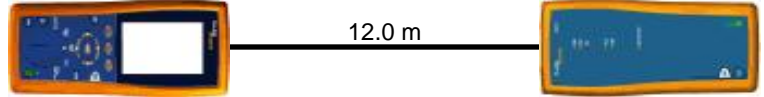
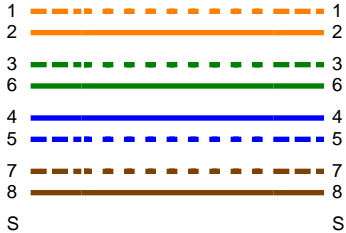
Date / Time: 08/27/2009 12:40:01pm
Headroom: 6.3 dB (NEXT 12-36)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

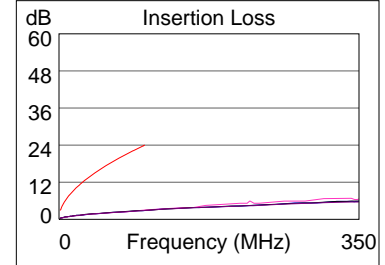
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

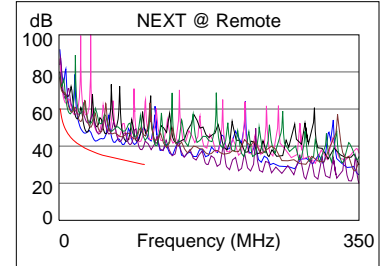
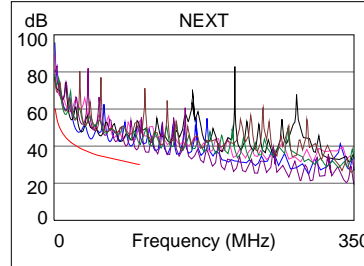
PASS



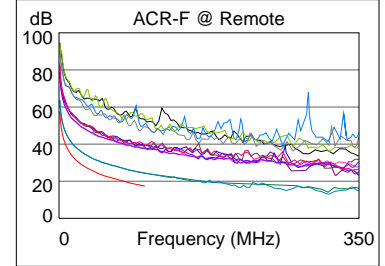
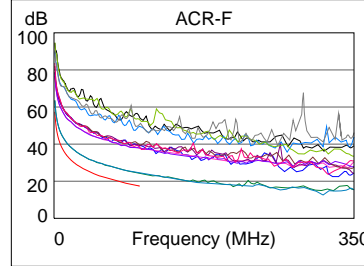
Length (m), Limit 100.0	[Pair 78]	12.0
Prop. Delay (ns), Limit 555		59
Delay Skew (ns), Limit 50		1
Resistance (ohms)	[Pair 12]	2.8
Insertion Loss Margin (dB)	[Pair 36]	21.1
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



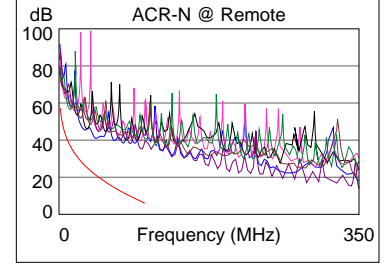
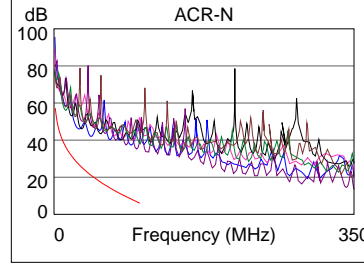
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-36	12-36	36-45	36-45
NEXT (dB)	7.4	6.3	7.6	7.6
Freq. (MHz)	42.8	42.3	96.3	95.5
Limit (dB)	36.4	36.5	30.4	30.4
Worst Pair	12	12	36	45
PS NEXT (dB)	8.7	7.8	9.6	9.1
Freq. (MHz)	42.8	42.8	97.0	95.5
Limit (dB)	33.4	33.4	27.3	27.4



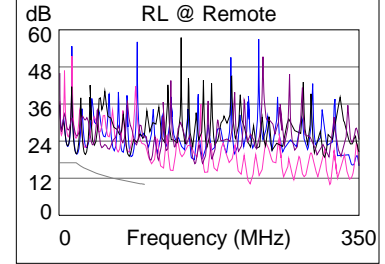
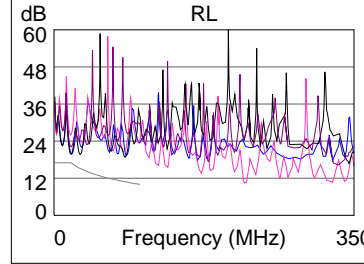
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	6.1	6.0	6.8	6.8
Freq. (MHz)	1.1	1.1	100.0	100.0
Limit (dB)	56.4	56.4	17.4	17.4
Worst Pair	36	36	36	36
PS ACR-F (dB)	8.9	8.9	9.6	9.6
Freq. (MHz)	1.1	1.1	99.5	100.0
Limit (dB)	53.4	53.4	14.4	14.4



	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)	15.7	16.1	28.4	28.2
Freq. (MHz)	1.6	1.6	96.3	95.5
Limit (dB)	56.9	56.9	6.8	7.0
Worst Pair	78	78	36	45
PS ACR-N (dB)	15.0	15.5	30.3	29.7
Freq. (MHz)	1.6	1.6	97.0	95.5
Limit (dB)	53.9	53.9	3.7	4.0



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	45	12	45	12
RL (dB)	2.7	2.9	8.0	8.2
Freq. (MHz)	19.6	20.5	82.8	84.5
Limit (dB)	17.0	16.9	10.8	10.7



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



Cable ID: D2-13

Test Summary: PASS

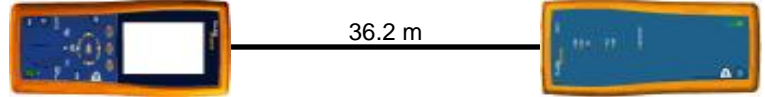
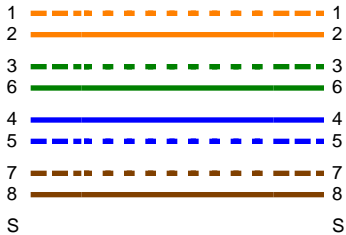
Date / Time: 08/21/2009 09:40:43am
Headroom: 6.3 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

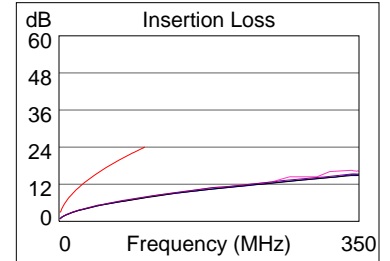
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

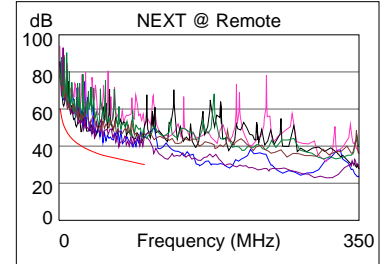
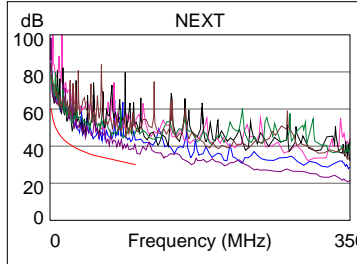
PASS



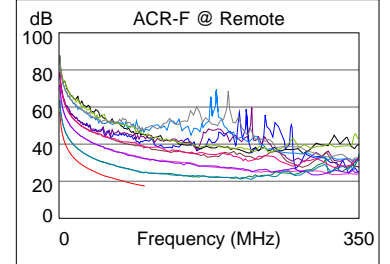
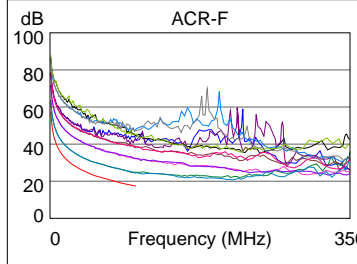
Length (m), Limit 100.0	[Pair 12]	36.2
Prop. Delay (ns), Limit 555		179
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	6.6
Insertion Loss Margin (dB)	[Pair 78]	16.1
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



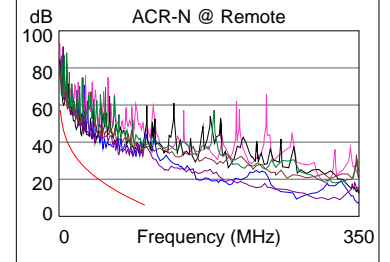
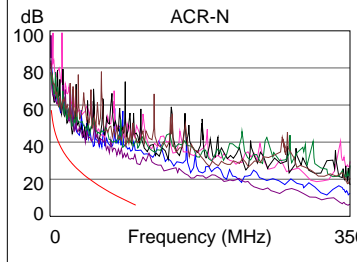
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	6.3	6.7	6.3	6.7
Freq. (MHz)	94.5	69.5	94.5	69.5
Limit (dB)	30.5	32.8	30.5	32.8
Worst Pair	36	36	36	36
PS NEXT (dB)	8.2	8.2	8.2	9.0
Freq. (MHz)	94.3	51.3	94.3	85.0
Limit (dB)	27.5	32.1	27.5	28.3



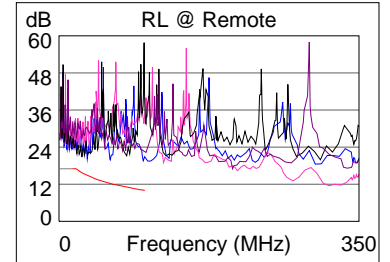
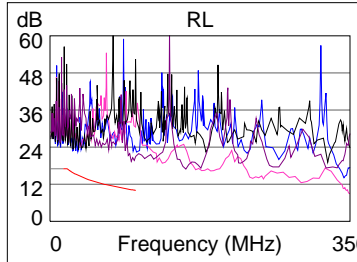
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	5.9	5.9	6.8	7.0
Freq. (MHz)	2.3	2.1	98.8	98.8
Limit (dB)	50.4	50.9	17.5	17.5
Worst Pair	45	45	45	45
PS ACR-F (dB)	8.4	8.4	9.1	9.2
Freq. (MHz)	1.5	1.1	94.3	98.8
Limit (dB)	50.9	53.4	14.9	14.5



	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)	12.8	13.1	22.2	25.1
Freq. (MHz)	2.8	4.9	94.5	94.8
Limit (dB)	52.5	47.2	7.2	7.2
Worst Pair	36	78	36	36
PS ACR-N (dB)	15.1	14.3	24.0	24.0
Freq. (MHz)	2.8	4.5	94.5	85.0
Limit (dB)	49.5	45.0	4.2	6.3



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	45	78	12
RL (dB)	6.1	5.0	8.8	9.5
Freq. (MHz)	33.3	20.6	94.5	98.3
Limit (dB)	14.8	16.9	10.3	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: D2-12

Test Summary: PASS

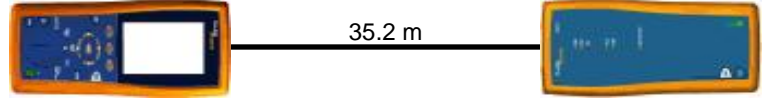
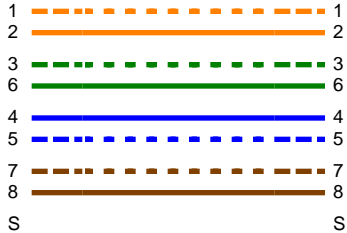
Date / Time: 08/21/2009 09:37:12am
Headroom: 6.1 dB (NEXT 12-36)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

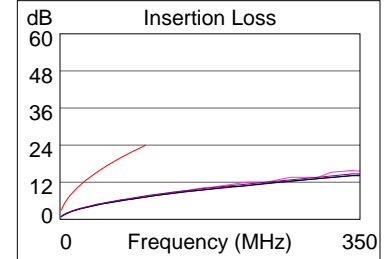
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

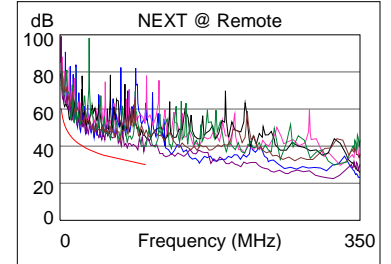
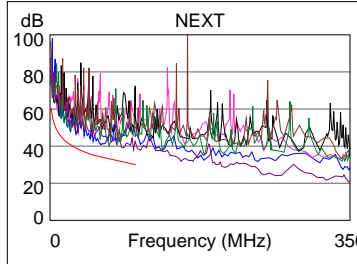
PASS



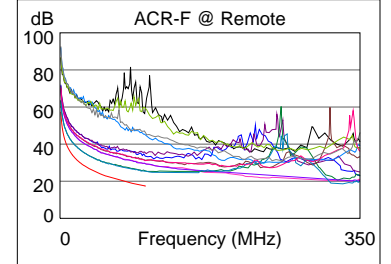
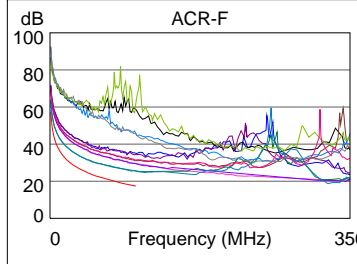
Length (m), Limit 100.0	[Pair 12]	35.2
Prop. Delay (ns), Limit 555		175
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 12]	6.4
Insertion Loss Margin (dB)	[Pair 78]	16.5
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



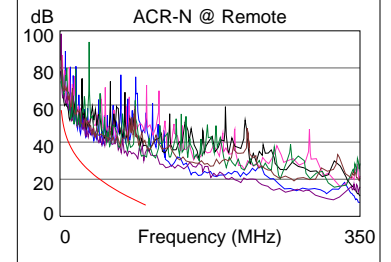
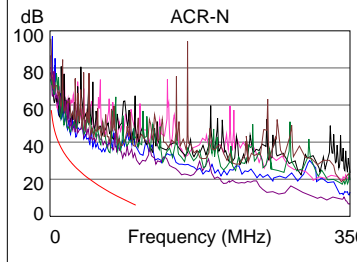
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-36	36-45	36-45	36-45
NEXT (dB)	6.1	6.9	6.4	6.9
Freq. (MHz)	59.8	97.5	84.3	97.8
Limit (dB)	33.9	30.3	31.4	30.2
Worst Pair	36	36	45	36
PS NEXT (dB)	6.6	7.4	8.6	8.0
Freq. (MHz)	23.5	30.1	84.3	97.8
Limit (dB)	37.8	36.0	28.4	27.2



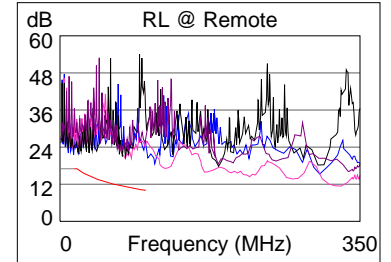
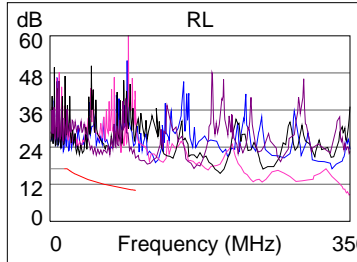
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	45-36	45-36
ACR-F (dB)	6.0	6.0	7.6	7.8
Freq. (MHz)	2.0	1.6	95.0	98.3
Limit (dB)	51.4	53.2	17.8	17.6
Worst Pair	36	36	36	36
PS ACR-F (dB)	7.7	7.7	9.6	9.5
Freq. (MHz)	1.0	1.6	99.0	99.0
Limit (dB)	54.4	50.2	14.5	14.5



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	12.1	12.4	24.5	23.5
Freq. (MHz)	2.5	2.9	97.5	97.8
Limit (dB)	53.4	52.1	6.6	6.5
Worst Pair	36	36	45	36
PS ACR-N (dB)	13.4	14.2	26.7	24.4
Freq. (MHz)	1.6	1.8	97.5	97.8
Limit (dB)	53.9	53.4	3.6	3.5



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	78	36
RL (dB)	5.7	5.1	10.4	9.3
Freq. (MHz)	21.9	22.0	100.0	82.8
Limit (dB)	16.6	16.6	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: D2-11

Test Summary: PASS

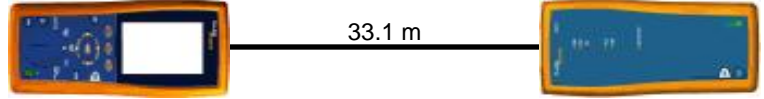
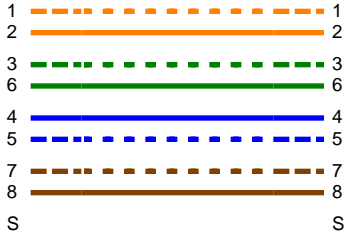
Date / Time: 08/21/2009 09:39:00am
Headroom: 4.0 dB (NEXT 12-36)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

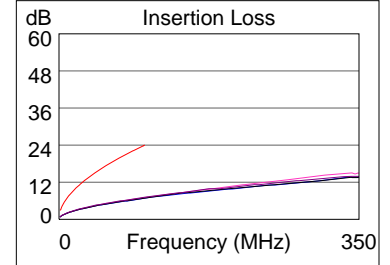
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

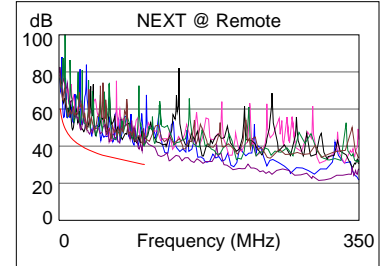
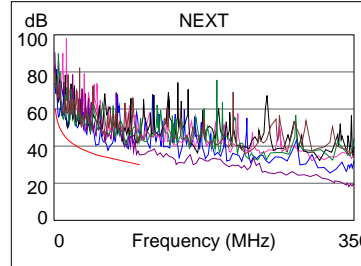
PASS



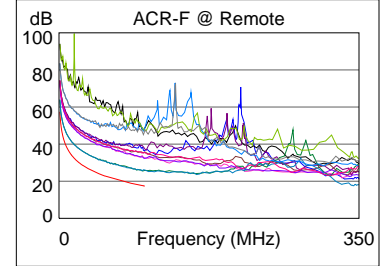
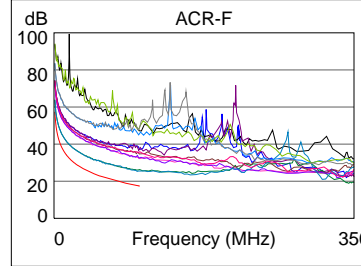
Length (m), Limit 100.0	[Pair 12]	33.1
Prop. Delay (ns), Limit 555		165
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 12]	6.1
Insertion Loss Margin (dB)	[Pair 78]	16.9
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



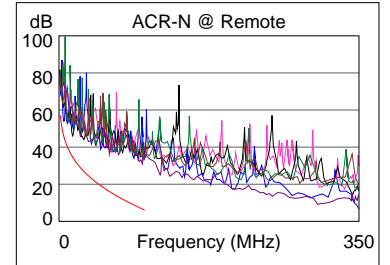
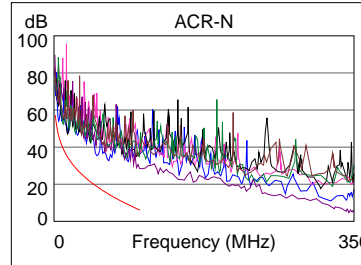
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-36	12-36	36-45	36-45
NEXT (dB)	4.2	4.0	4.6	7.0
Freq. (MHz)	63.3	5.5	96.8	96.8
Limit (dB)	33.5	51.3	30.3	30.3
Worst Pair	36	12	45	45
PS NEXT (dB)	6.0	6.4	6.6	8.1
Freq. (MHz)	63.3	5.3	96.8	96.8
Limit (dB)	30.5	48.6	27.3	27.3



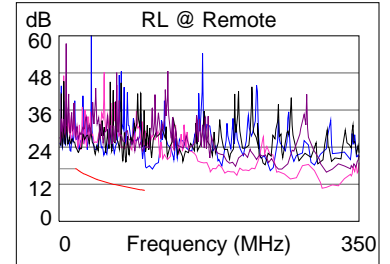
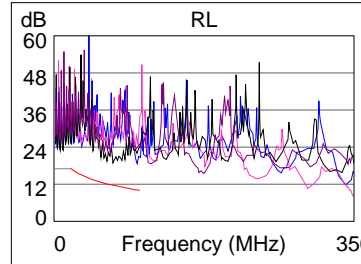
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	45-36	36-45
ACR-F (dB)	6.4	6.3	7.6	7.8
Freq. (MHz)	1.3	1.0	97.8	98.0
Limit (dB)	55.5	57.4	17.6	17.6
Worst Pair	36	36	36	45
PS ACR-F (dB)	8.7	8.7	10.0	10.0
Freq. (MHz)	1.0	1.3	97.8	97.8
Limit (dB)	54.4	52.5	14.6	14.6



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-36	12-36	36-45	36-45
ACR-N (dB)	7.8	7.7	21.9	23.9
Freq. (MHz)	5.0	5.3	100.0	96.8
Limit (dB)	47.0	46.5	6.1	6.7
Worst Pair	12	12	36	45
PS ACR-N (dB)	10.2	10.0	23.9	25.0
Freq. (MHz)	5.0	5.4	100.0	96.8
Limit (dB)	44.0	43.3	3.1	3.7



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45	45	45	45
RL (dB)	7.3	5.8	7.5	8.1
Freq. (MHz)	68.8	22.0	78.5	78.0
Limit (dB)	11.6	16.6	11.1	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: D2-10

Test Summary: PASS

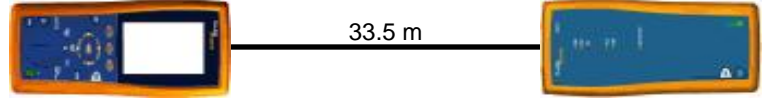
Date / Time: 08/21/2009 09:38:21am
Headroom: 5.4 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

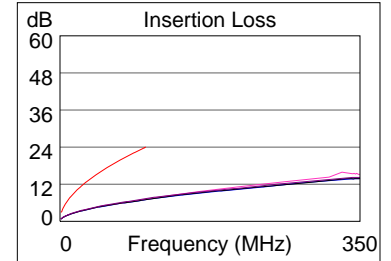
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

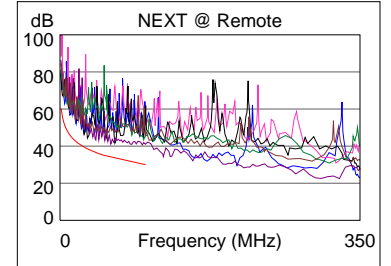
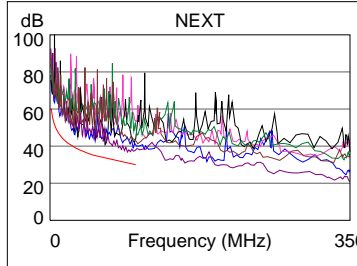
PASS



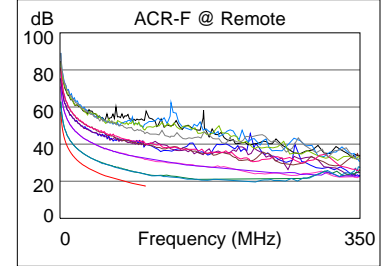
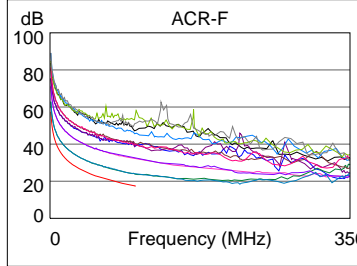
Length (m), Limit 100.0	[Pair 12]	33.5
Prop. Delay (ns), Limit 555		165
Delay Skew (ns), Limit 50		3
Resistance (ohms)	[Pair 12]	6.2
Insertion Loss Margin (dB)	[Pair 78]	16.7
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



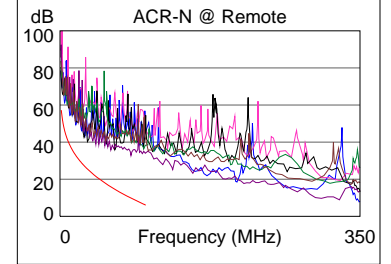
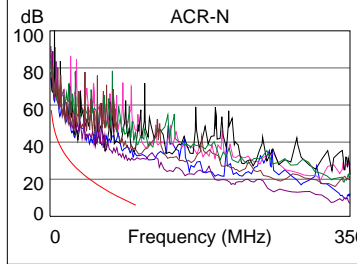
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	12-78	36-45	36-45
NEXT (dB)	5.4	5.4	5.4	7.5
Freq. (MHz)	100.0	32.3	100.0	83.0
Limit (dB)	30.1	38.5	30.1	31.5
Worst Pair	36	12	36	36
PS NEXT (dB)	7.3	6.9	7.3	10.2
Freq. (MHz)	100.0	32.5	100.0	96.8
Limit (dB)	27.1	35.4	27.1	27.3



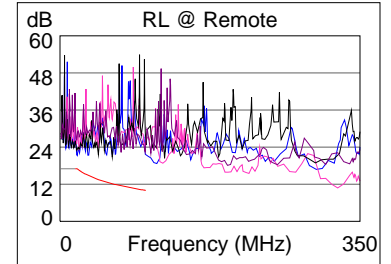
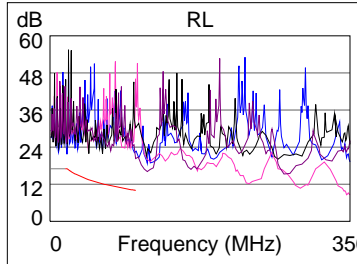
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	36-45	45-36
ACR-F (dB)	5.3	5.3	6.2	6.0
Freq. (MHz)	1.1	1.1	100.0	100.0
Limit (dB)	56.4	56.4	17.4	17.4
Worst Pair	45	45	45	45
PS ACR-F (dB)	7.8	7.8	8.6	8.5
Freq. (MHz)	1.0	1.1	100.0	99.3
Limit (dB)	54.4	53.4	14.4	14.5



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-36	12-78	36-45	36-45
ACR-N (dB)	12.9	13.4	22.4	25.5
Freq. (MHz)	1.6	2.4	100.0	96.8
Limit (dB)	56.9	53.8	6.1	6.7
Worst Pair	12	12	36	36
PS ACR-N (dB)	14.0	14.3	24.1	26.7
Freq. (MHz)	1.8	2.4	100.0	96.8
Limit (dB)	53.4	50.8	3.1	3.7



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	78	12
RL (dB)	4.7	4.2	10.3	10.3
Freq. (MHz)	19.8	19.9	100.0	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: D2-09

Test Summary: PASS

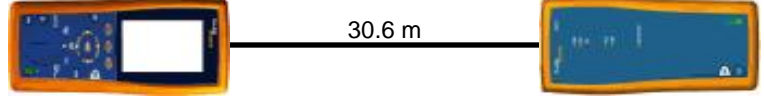
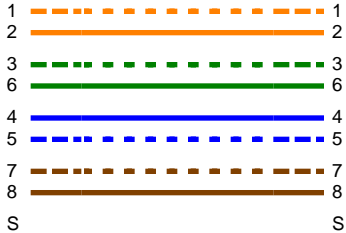
Date / Time: 08/21/2009 09:34:32am
Headroom: 6.2 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

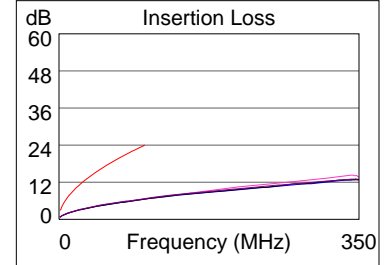
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

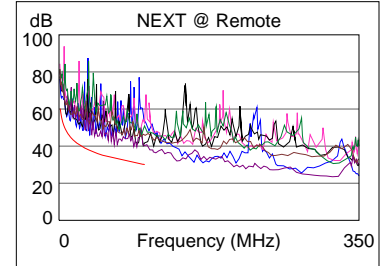
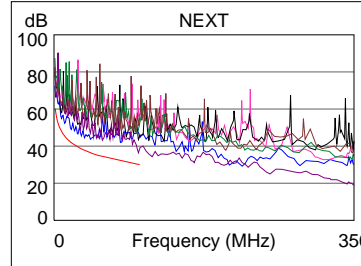
PASS



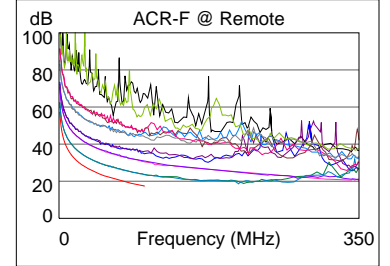
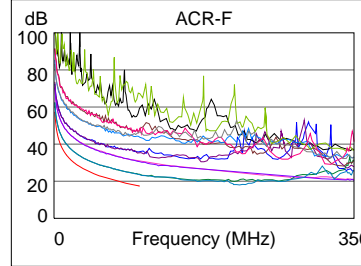
Length (m), Limit 100.0	[Pair 12]	30.6
Prop. Delay (ns), Limit 555		152
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	5.7
Insertion Loss Margin (dB)	[Pair 36]	17.3
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



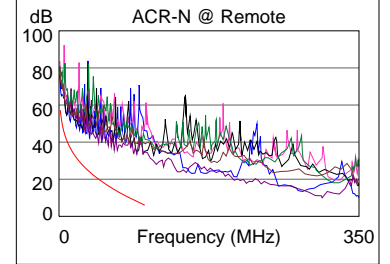
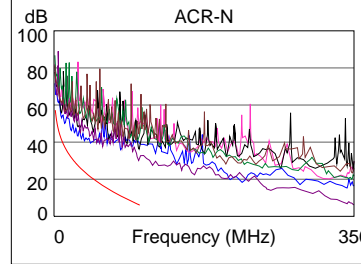
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	6.2	7.3	6.2	8.8
Freq. (MHz)	98.3	68.5	98.3	98.8
Limit (dB)	30.2	32.9	30.2	30.2
Worst Pair	12	12	36	45
PS NEXT (dB)	7.8	8.3	8.7	10.8
Freq. (MHz)	8.4	8.6	98.3	98.8
Limit (dB)	45.3	45.1	27.2	27.2



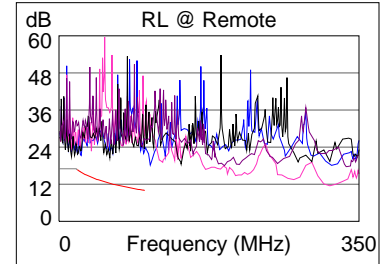
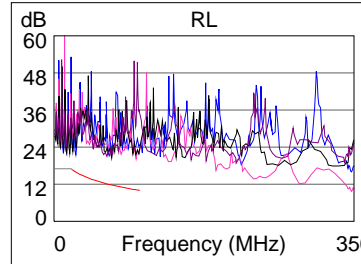
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	45-36	45-36
ACR-F (dB)	5.1	5.1	6.0	6.1
Freq. (MHz)	1.0	1.0	98.5	98.5
Limit (dB)	57.4	57.4	17.5	17.5
Worst Pair	45	45	45	45
PS ACR-F (dB)	7.5	7.4	8.4	8.2
Freq. (MHz)	1.0	2.1	98.0	98.5
Limit (dB)	54.4	47.9	14.6	14.5



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-36	12-36	36-45	36-45
ACR-N (dB)	9.8	12.0	23.6	26.3
Freq. (MHz)	1.8	2.1	98.3	98.8
Limit (dB)	56.4	54.8	6.4	6.3
Worst Pair	12	12	36	45
PS ACR-N (dB)	11.8	13.1	25.9	28.3
Freq. (MHz)	1.8	1.9	98.5	98.8
Limit (dB)	53.4	52.8	3.4	3.3



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	45	45
RL (dB)	5.4	5.1	8.2	8.2
Freq. (MHz)	25.4	25.4	66.8	59.3
Limit (dB)	16.0	16.0	11.8	12.3



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: D2-08

Test Summary: PASS

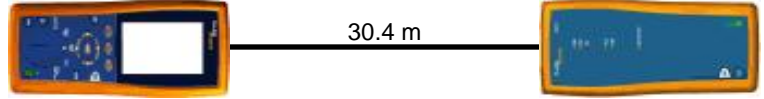
Date / Time: 08/21/2009 09:33:48am
Headroom: 5.5 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

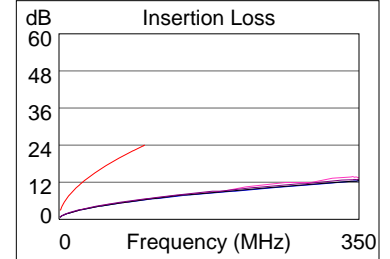
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

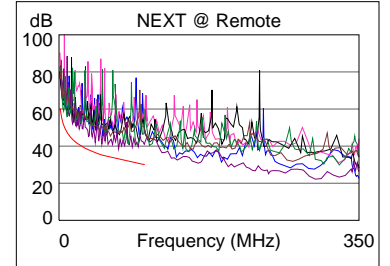
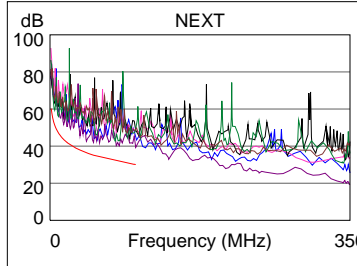
PASS



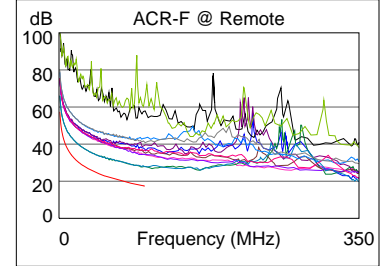
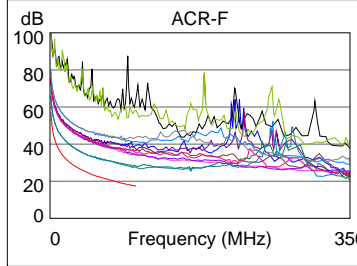
Length (m), Limit 100.0	[Pair 12]	30.4
Prop. Delay (ns), Limit 555		151
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	5.7
Insertion Loss Margin (dB)	[Pair 78]	17.4
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



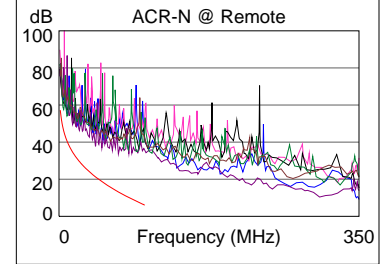
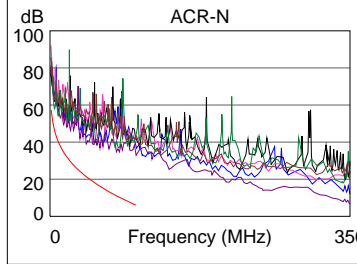
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	6.0	5.5	9.2	5.8
Freq. (MHz)	42.8	42.3	100.0	69.5
Limit (dB)	36.4	36.5	30.1	32.8
Worst Pair	36	36	36	36
PS NEXT (dB)	7.4	7.8	10.2	8.7
Freq. (MHz)	42.8	42.8	100.0	81.0
Limit (dB)	33.4	33.4	27.1	28.7



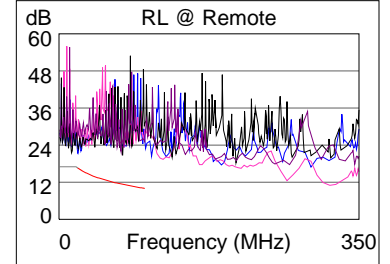
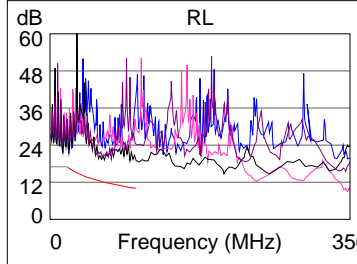
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	45-36	36-45
ACR-F (dB)	8.5	8.5	9.5	9.7
Freq. (MHz)	2.1	2.8	96.0	96.0
Limit (dB)	50.9	48.6	17.8	17.8
Worst Pair	36	36	36	45
PS ACR-F (dB)	10.6	10.6	11.8	11.7
Freq. (MHz)	1.0	2.1	96.5	96.8
Limit (dB)	54.4	47.9	14.7	14.7



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-78	36-78	36-45	36-45
ACR-N (dB)	11.4	10.9	26.9	27.0
Freq. (MHz)	5.0	4.9	100.0	100.0
Limit (dB)	47.0	47.2	6.1	6.1
Worst Pair	78	78	36	36
PS ACR-N (dB)	12.4	11.7	27.7	26.6
Freq. (MHz)	5.0	5.0	100.0	92.3
Limit (dB)	44.0	44.0	3.1	4.7



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45	12	45	45
RL (dB)	6.7	6.1	8.5	9.5
Freq. (MHz)	57.0	25.8	93.5	74.0
Limit (dB)	12.5	15.9	10.3	11.3



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



Cable ID: D2-07

Test Summary: PASS

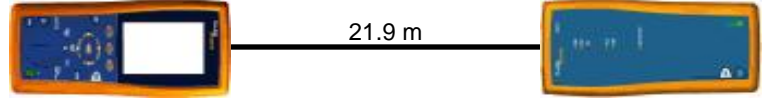
Date / Time: 08/21/2009 09:30:42am
Headroom: 3.9 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

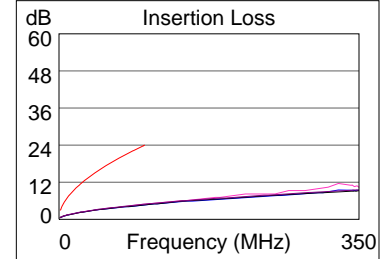
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

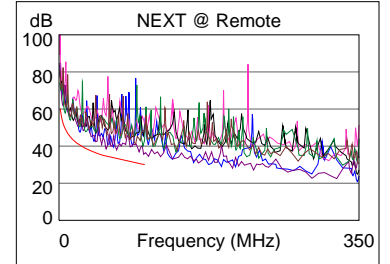
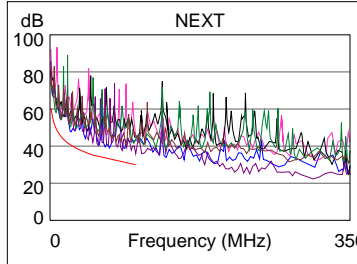
PASS



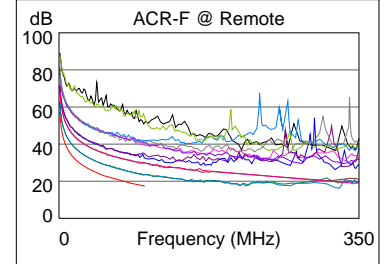
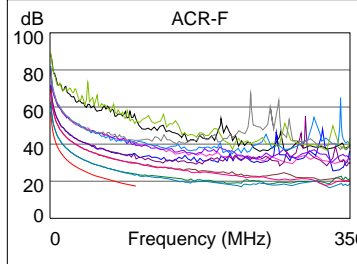
Length (m), Limit 100.0	[Pair 12]	21.9
Prop. Delay (ns), Limit 555		109
Delay Skew (ns), Limit 50		3
Resistance (ohms)	[Pair 12]	4.2
Insertion Loss Margin (dB)	[Pair 36]	19.1
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



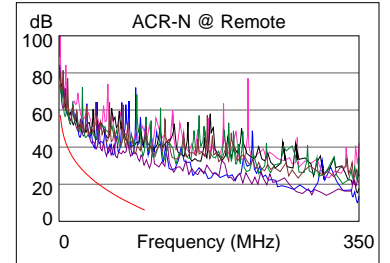
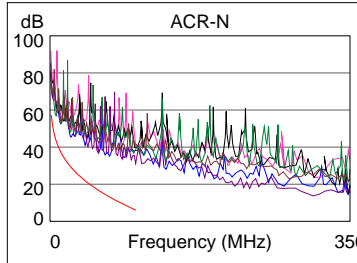
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	5.5	3.9	5.8	4.9
Freq. (MHz)	55.8	55.3	100.0	99.3
Limit (dB)	34.4	34.5	30.1	30.1
Worst Pair	36	36	36	36
PS NEXT (dB)	5.9	5.9	7.7	6.6
Freq. (MHz)	56.0	56.0	100.0	99.0
Limit (dB)	31.4	31.4	27.1	27.2



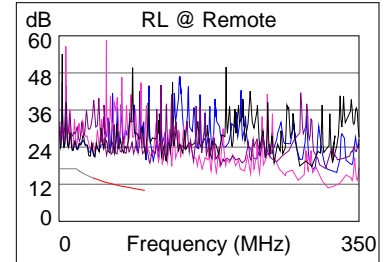
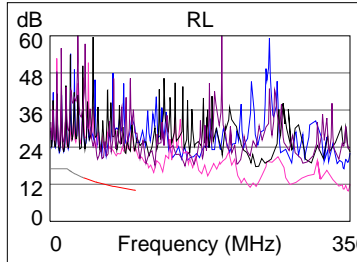
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	5.1	5.0	5.6	5.8
Freq. (MHz)	1.1	1.1	98.8	98.8
Limit (dB)	56.4	56.4	17.5	17.5
Worst Pair	36	36	36	36
PS ACR-F (dB)	6.9	7.0	7.6	7.7
Freq. (MHz)	1.1	1.1	98.8	98.0
Limit (dB)	53.4	53.4	14.5	14.6



	Worst Case Margin		Worst Case Value	
N/A	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-45	36-45	36-45
ACR-N (dB)	12.7	12.2	25.1	24.1
Freq. (MHz)	6.3	3.9	100.0	99.3
Limit (dB)	44.8	49.4	6.1	6.2
Worst Pair	36	36	36	36
PS ACR-N (dB)	13.0	13.7	26.8	25.6
Freq. (MHz)	2.1	3.9	100.0	99.0
Limit (dB)	51.8	46.4	3.1	3.3



	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	78	45	78	45
RL (dB)	7.4	6.7	7.6	6.7
Freq. (MHz)	55.8	41.3	61.5	41.3
Limit (dB)	12.5	13.9	12.1	13.9



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: D2-06

Test Summary: PASS

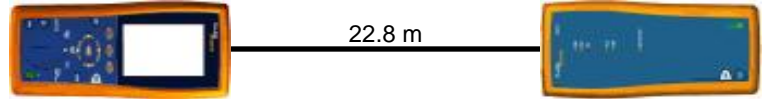
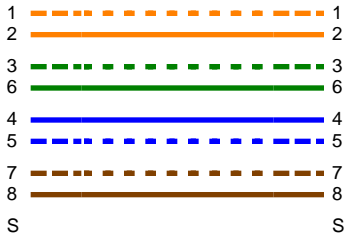
Date / Time: 08/21/2009 09:31:37am
Headroom: 4.2 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

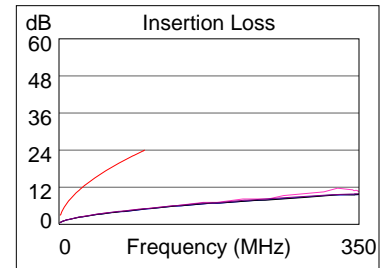
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

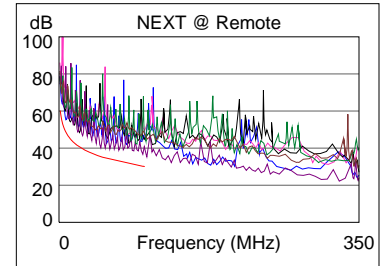
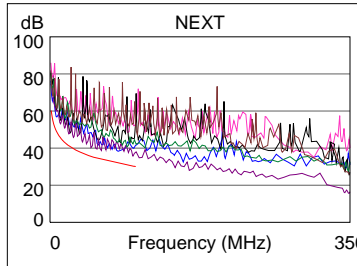
PASS



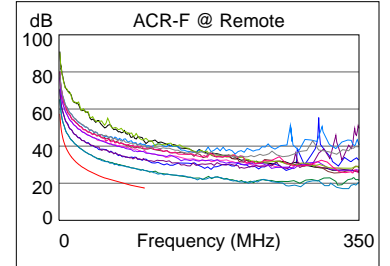
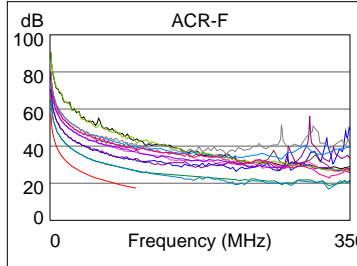
Length (m), Limit 100.0	[Pair 12]	22.8
Prop. Delay (ns), Limit 555		112
Delay Skew (ns), Limit 50		2
Resistance (ohms)	[Pair 36]	4.5
Insertion Loss Margin (dB)	[Pair 36]	18.9
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



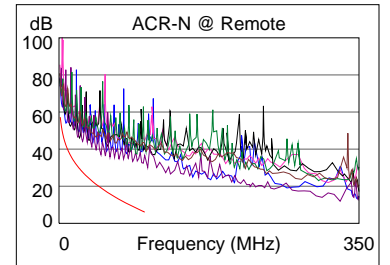
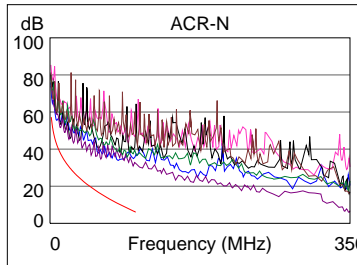
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	4.2	4.7	5.4	6.3
Freq. (MHz)	54.0	48.5	96.8	97.3
Limit (dB)	34.7	35.5	30.3	30.3
Worst Pair	36	36	36	36
PS NEXT (dB)	5.8	7.3	6.4	8.4
Freq. (MHz)	59.3	48.5	96.5	97.0
Limit (dB)	31.0	32.5	27.3	27.3



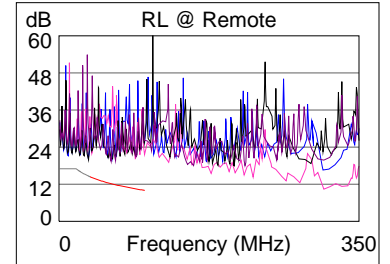
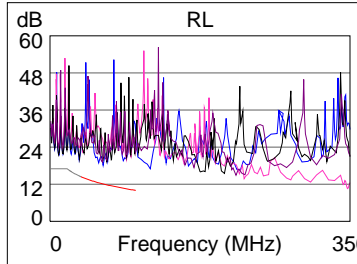
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	45-36	36-45
ACR-F (dB)	7.7	7.8	9.0	9.2
Freq. (MHz)	1.0	1.0	100.0	100.0
Limit (dB)	57.4	57.4	17.4	17.4
Worst Pair	36	36	36	36
PS ACR-F (dB)	9.7	9.5	10.9	11.4
Freq. (MHz)	1.0	1.0	100.0	99.8
Limit (dB)	54.4	54.4	14.4	14.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-36	12-36	36-45	36-45
ACR-N (dB)	11.2	11.8	24.2	25.2
Freq. (MHz)	2.0	7.9	96.8	97.3
Limit (dB)	55.3	42.4	6.7	6.6
Worst Pair	36	12	36	36
PS ACR-N (dB)	12.7	13.6	24.9	27.0
Freq. (MHz)	2.0	7.1	96.5	97.0
Limit (dB)	52.3	40.5	3.8	3.7



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	78	12	78
RL (dB)	6.0	6.9	6.0	6.9
Freq. (MHz)	62.0	60.3	62.0	60.3
Limit (dB)	12.1	12.2	12.1	12.2



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



Cable ID: D2-03

Test Summary: PASS

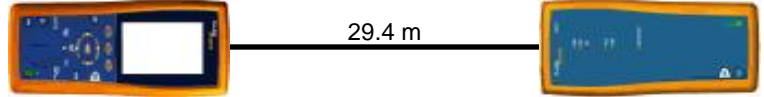
Date / Time: 08/21/2009 09:09:38am
Headroom: 5.3 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

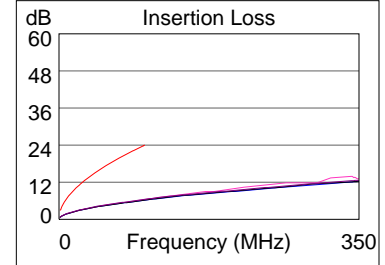
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

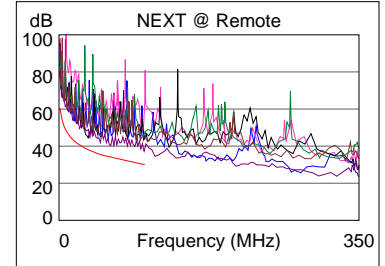
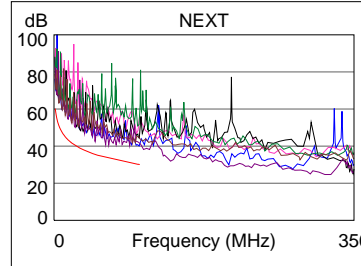
PASS



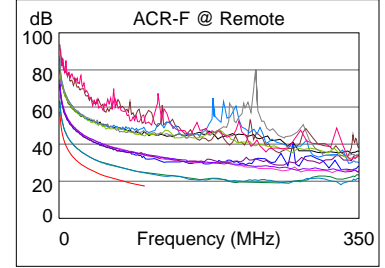
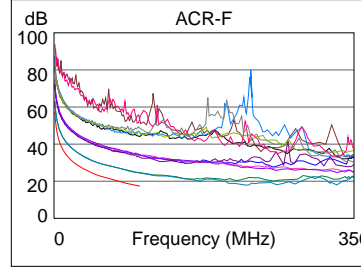
Length (m), Limit 100.0	[Pair 12]	29.4
Prop. Delay (ns), Limit 555		145
Delay Skew (ns), Limit 50		3
Resistance (ohms)	[Pair 12]	5.6
Insertion Loss Margin (dB)	[Pair 36]	17.6
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



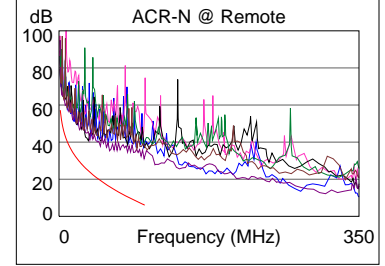
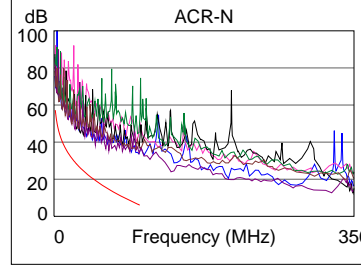
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	6.8	5.3	9.2	6.7
Freq. (MHz)	60.0	59.5	99.8	99.8
Limit (dB)	33.9	34.0	30.1	30.1
Worst Pair	36	45	36	36
PS NEXT (dB)	8.4	7.9	9.6	8.6
Freq. (MHz)	48.5	59.5	99.8	99.5
Limit (dB)	32.5	31.0	27.1	27.1



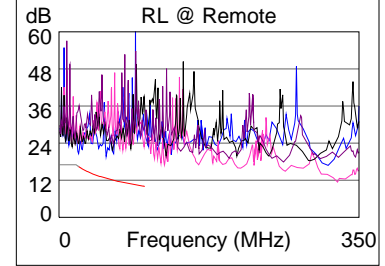
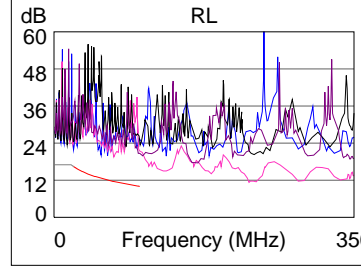
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	45-36	45-36	36-45
ACR-F (dB)	5.6	5.6	6.4	6.6
Freq. (MHz)	1.0	1.0	99.8	99.8
Limit (dB)	57.4	57.4	17.4	17.4
Worst Pair	45	36	36	45
PS ACR-F (dB)	8.3	8.1	9.0	9.0
Freq. (MHz)	1.0	1.0	99.3	99.8
Limit (dB)	54.4	54.4	14.5	14.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-36	36-45	36-45	36-45
ACR-N (dB)	13.1	14.4	27.0	24.5
Freq. (MHz)	1.6	2.9	99.8	99.8
Limit (dB)	56.9	52.1	6.1	6.1
Worst Pair	36	36	36	36
PS ACR-N (dB)	14.7	15.7	27.2	26.1
Freq. (MHz)	2.0	2.5	99.8	99.5
Limit (dB)	52.3	50.4	3.1	3.2



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	36	12
RL (dB)	7.2	6.0	7.7	6.9
Freq. (MHz)	26.9	26.6	70.3	55.3
Limit (dB)	15.7	15.8	11.5	12.6



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



Cable ID: D2-02

Test Summary: PASS

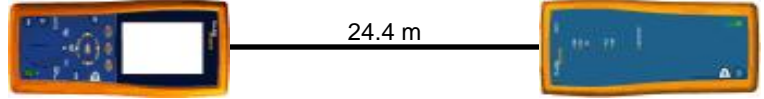
Date / Time: 08/21/2009 09:14:14am
Headroom: 4.4 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

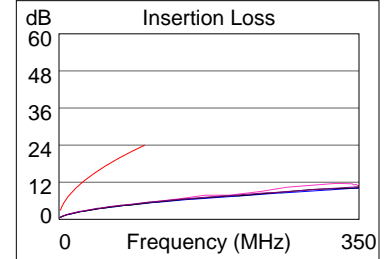
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

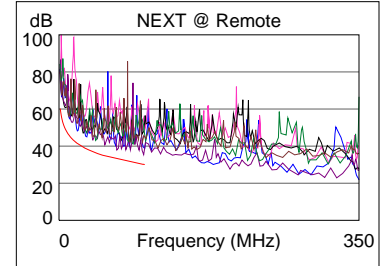
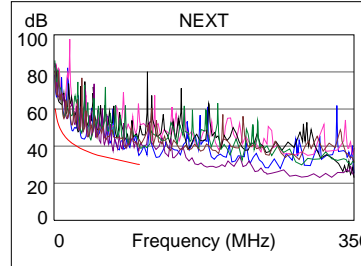
PASS



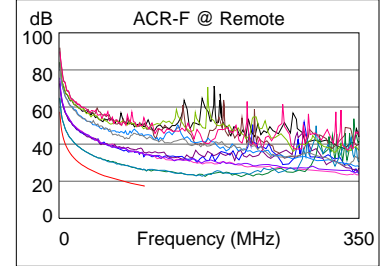
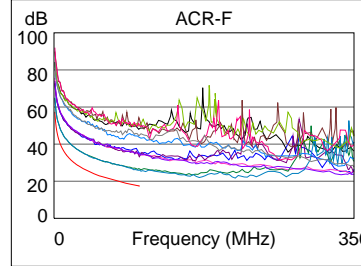
Length (m), Limit 100.0	[Pair 12]	24.4
Prop. Delay (ns), Limit 555		121
Delay Skew (ns), Limit 50		3
Resistance (ohms)	[Pair 78]	4.7
Insertion Loss Margin (dB)	[Pair 78]	18.6
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



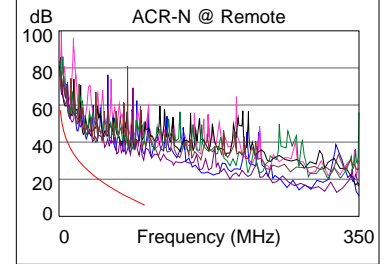
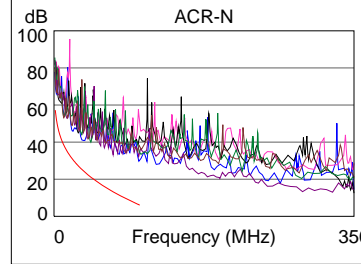
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	12-36	36-45
NEXT (dB)	4.5	4.4	4.8	4.9
Freq. (MHz)	68.8	68.0	99.3	98.3
Limit (dB)	32.9	33.0	30.1	30.2
Worst Pair	36	36	36	36
PS NEXT (dB)	5.1	6.5	5.1	6.5
Freq. (MHz)	99.3	31.8	99.3	98.5
Limit (dB)	27.1	35.6	27.1	27.2



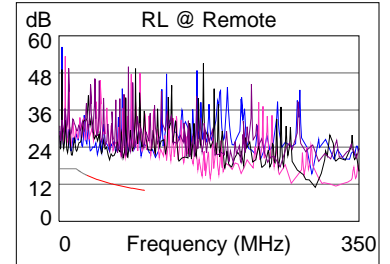
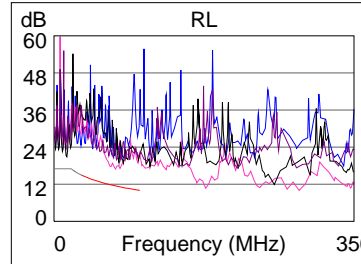
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	45-36	45-36	36-45
ACR-F (dB)	7.3	7.3	8.3	8.5
Freq. (MHz)	1.0	1.0	97.3	98.3
Limit (dB)	57.4	57.4	17.6	17.6
Worst Pair	36	36	36	45
PS ACR-F (dB)	9.9	9.7	10.9	10.7
Freq. (MHz)	1.0	1.0	97.8	97.3
Limit (dB)	54.4	54.4	14.6	14.6



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-36	12-36	12-36	36-45
ACR-N (dB)	12.1	14.0	23.4	23.6
Freq. (MHz)	2.3	2.8	99.3	98.3
Limit (dB)	54.3	52.5	6.2	6.4
Worst Pair	36	36	36	36
PS ACR-N (dB)	14.2	14.9	23.7	25.0
Freq. (MHz)	2.3	12.4	99.3	98.5
Limit (dB)	51.3	34.5	3.2	3.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36	45	36	45
RL (dB)	5.3	7.6	5.3	7.6
Freq. (MHz)	71.3	58.3	71.3	58.5
Limit (dB)	11.5	12.4	11.5	12.3



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: D2-01

Test Summary: PASS

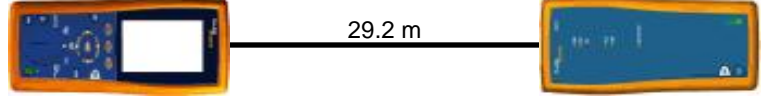
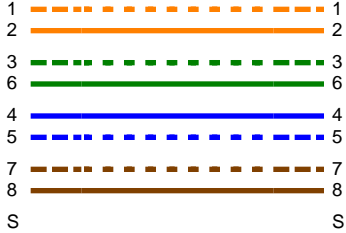
Date / Time: 08/21/2009 09:12:02am
Headroom: 5.2 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

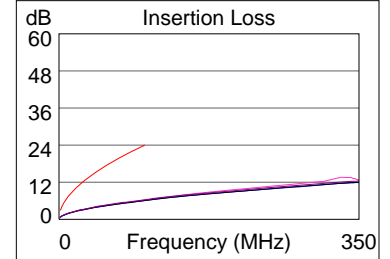
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

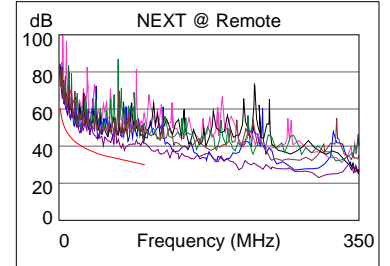
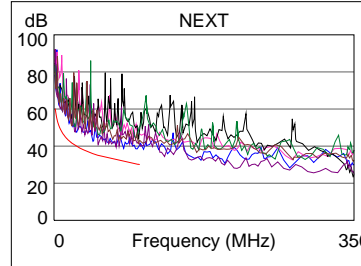
PASS



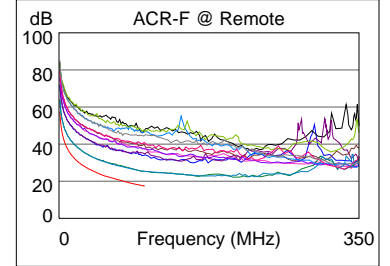
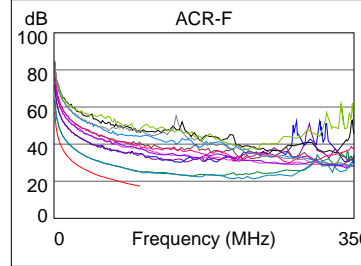
Length (m), Limit 100.0	[Pair 12]	29.2
Prop. Delay (ns), Limit 555		145
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	5.4
Insertion Loss Margin (dB)	[Pair 36]	17.7
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



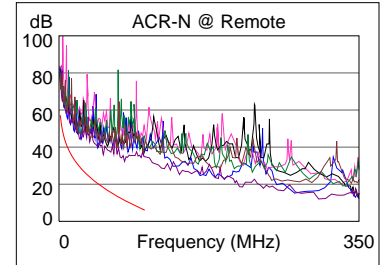
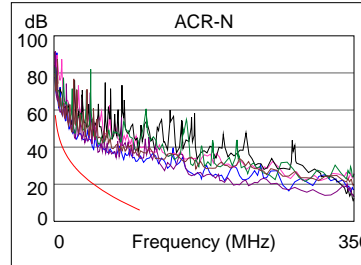
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	12-36	36-45
NEXT (dB)	5.3	5.2	7.7	5.5
Freq. (MHz)	52.0	51.8	96.0	76.5
Limit (dB)	35.0	35.0	30.4	32.1
Worst Pair	36	36	36	45
PS NEXT (dB)	6.3	6.9	8.2	7.9
Freq. (MHz)	51.8	24.8	96.3	76.5
Limit (dB)	32.0	37.4	27.4	29.1



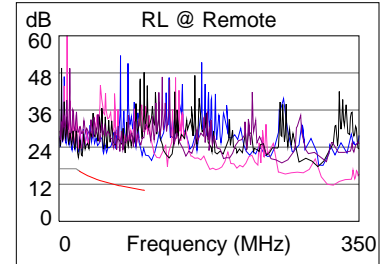
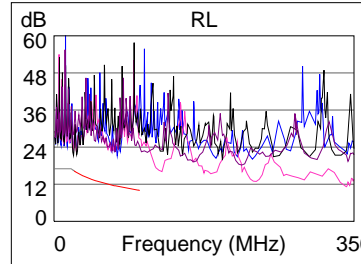
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	45-36	45-36	45-36
ACR-F (dB)	6.4	6.4	7.6	7.6
Freq. (MHz)	1.0	1.0	99.5	99.8
Limit (dB)	57.4	57.4	17.4	17.4
Worst Pair	36	36	36	36
PS ACR-F (dB)	8.9	8.6	9.9	10.2
Freq. (MHz)	1.1	1.0	100.0	99.5
Limit (dB)	53.4	54.4	14.4	14.4



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-36	36-45	12-36	36-45
ACR-N (dB)	14.7	14.7	25.1	21.0
Freq. (MHz)	1.6	24.1	96.0	76.5
Limit (dB)	56.9	29.4	6.9	11.3
Worst Pair	36	36	36	45
PS ACR-N (dB)	15.2	15.3	25.7	23.4
Freq. (MHz)	24.6	24.8	96.3	76.5
Limit (dB)	26.1	26.0	3.8	8.3



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45	45	12	12
RL (dB)	5.7	5.2	9.9	10.8
Freq. (MHz)	26.6	26.6	73.8	97.5
Limit (dB)	15.8	15.8	11.3	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: D1-48

Test Summary: PASS

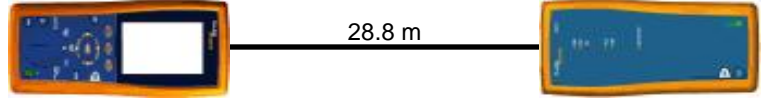
Date / Time: 08/21/2009 09:15:57am
 Headroom: 5.8 dB (NEXT 36-45)
 Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

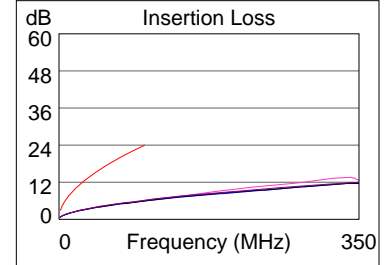
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

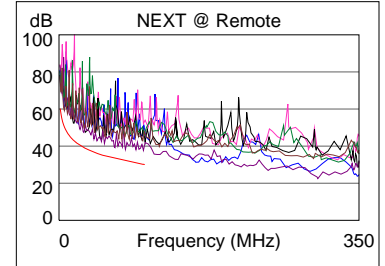
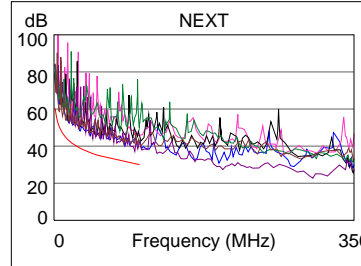
PASS



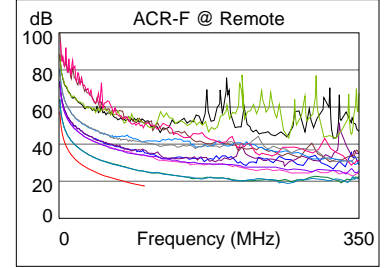
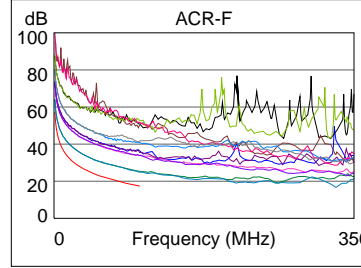
Length (m), Limit 100.0	[Pair 12]	28.8
Prop. Delay (ns), Limit 555		142
Delay Skew (ns), Limit 50		3
Resistance (ohms)	[Pair 12]	5.4
Insertion Loss Margin (dB)	[Pair 36]	17.9
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



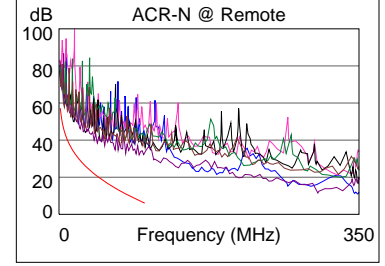
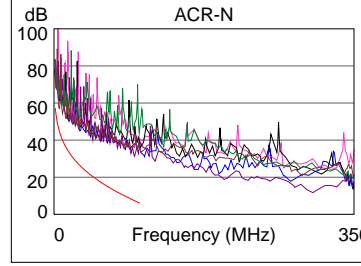
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	6.5	5.8	6.5	6.8
Freq. (MHz)	93.8	65.0	93.8	94.0
Limit (dB)	30.6	33.3	30.6	30.5
Worst Pair	45	45	45	45
PS NEXT (dB)	8.0	7.8	8.0	8.8
Freq. (MHz)	93.5	65.0	93.5	93.8
Limit (dB)	27.6	30.3	27.6	27.6



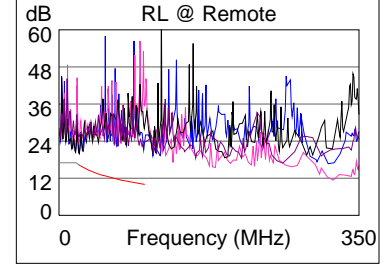
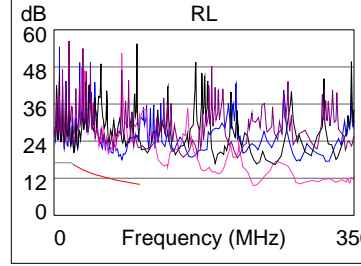
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	45-36	36-45
ACR-F (dB)	6.7	6.7	7.4	7.6
Freq. (MHz)	1.1	1.1	98.5	98.5
Limit (dB)	56.4	56.4	17.5	17.5
Worst Pair	45	45	36	45
PS ACR-F (dB)	9.1	9.1	10.1	9.8
Freq. (MHz)	1.1	1.1	98.5	98.5
Limit (dB)	53.4	53.4	14.5	14.5



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	45-78	45-78	36-45	36-45
ACR-N (dB)	11.6	12.6	24.0	24.2
Freq. (MHz)	5.9	5.6	94.0	94.0
Limit (dB)	45.4	45.8	7.3	7.3
Worst Pair	78	78	45	45
PS ACR-N (dB)	13.5	13.6	25.4	26.3
Freq. (MHz)	5.9	1.8	93.5	94.0
Limit (dB)	42.4	53.4	4.4	4.3



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45	12	12	12
RL (dB)	6.1	4.9	7.0	4.9
Freq. (MHz)	27.3	27.9	79.3	27.9
Limit (dB)	15.7	15.6	11.0	15.6



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



Cable ID: D1-47

Test Summary: PASS

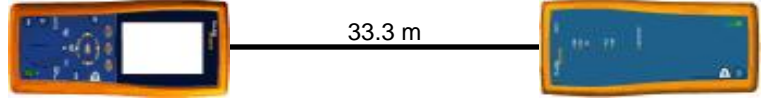
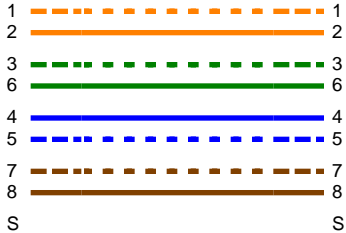
Date / Time: 08/21/2009 09:17:13am
 Headroom: 5.6 dB (NEXT 36-45)
 Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

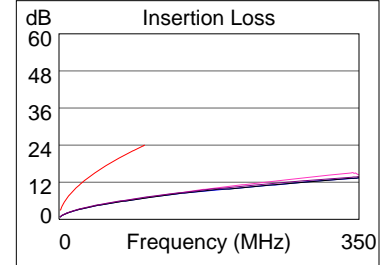
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

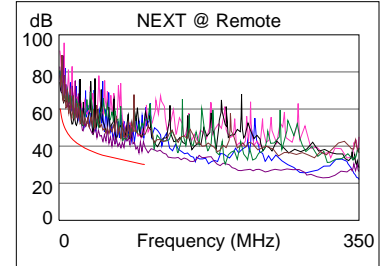
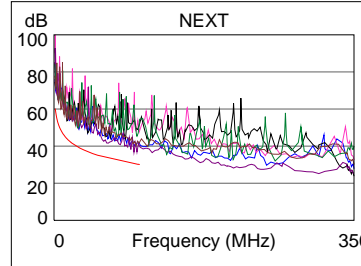
PASS



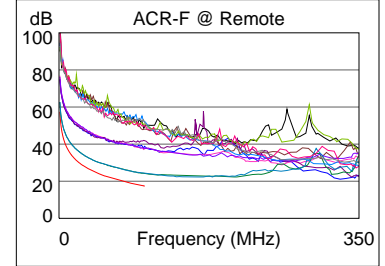
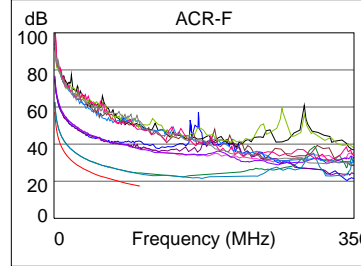
Length (m), Limit 100.0	[Pair 12]	33.3
Prop. Delay (ns), Limit 555		165
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	6.3
Insertion Loss Margin (dB)	[Pair 78]	16.9
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



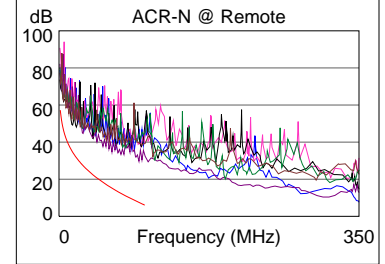
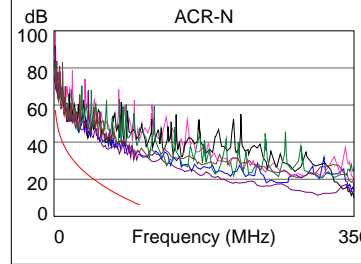
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	6.1	5.6	6.3	5.6
Freq. (MHz)	93.3	93.0	97.0	93.0
Limit (dB)	30.6	30.6	30.3	30.6
Worst Pair	36	45	36	45
PS NEXT (dB)	7.5	7.7	7.7	7.7
Freq. (MHz)	93.3	92.5	97.0	92.8
Limit (dB)	27.6	27.7	27.3	27.6



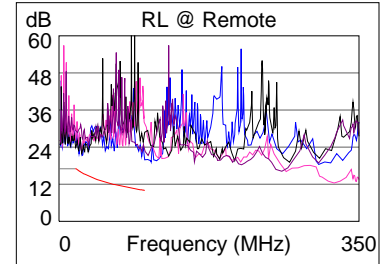
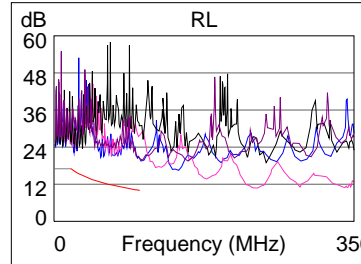
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	45-36	45-36
ACR-F (dB)	5.1	5.1	6.3	6.4
Freq. (MHz)	2.3	2.3	97.0	97.0
Limit (dB)	50.4	50.4	17.7	17.7
Worst Pair	36	36	36	45
PS ACR-F (dB)	7.9	7.9	9.2	9.1
Freq. (MHz)	1.3	2.3	97.0	97.0
Limit (dB)	52.5	47.4	14.7	14.7



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-36	12-78	36-45	36-45
ACR-N (dB)	13.4	13.1	23.2	22.1
Freq. (MHz)	1.9	1.6	97.0	93.0
Limit (dB)	55.8	56.9	6.7	7.5
Worst Pair	78	78	36	45
PS ACR-N (dB)	13.8	13.3	24.4	24.1
Freq. (MHz)	1.8	1.6	97.0	92.8
Limit (dB)	53.4	53.9	3.7	4.6



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	12	12
RL (dB)	5.8	5.4	8.7	9.9
Freq. (MHz)	23.1	27.1	100.0	100.0
Limit (dB)	16.4	15.7	10.0	10.0



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



Cable ID: D1-46

Test Summary: PASS

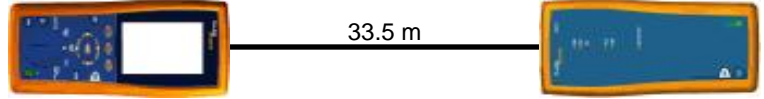
Date / Time: 08/21/2009 09:18:30am
Headroom: 4.1 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

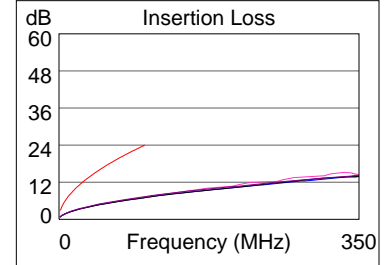
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

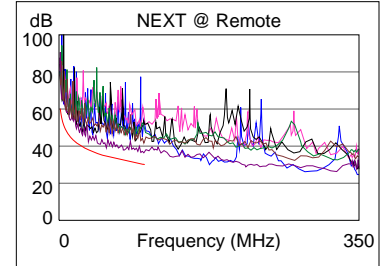
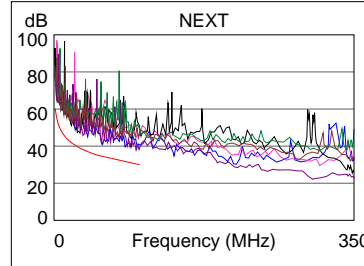
PASS



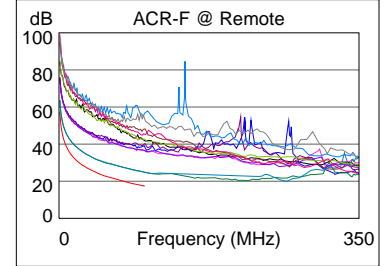
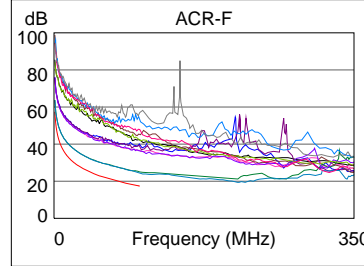
Length (m), Limit 100.0	[Pair 12]	33.5
Prop. Delay (ns), Limit 555		166
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	6.2
Insertion Loss Margin (dB)	[Pair 78]	16.7
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



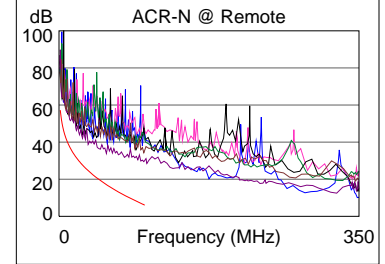
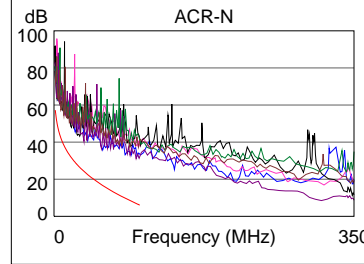
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	6.0	4.1	6.7	5.2
Freq. (MHz)	34.5	34.5	96.3	96.3
Limit (dB)	38.0	38.0	30.4	30.4
Worst Pair	36	36	36	45
PS NEXT (dB)	7.1	6.5	8.2	7.4
Freq. (MHz)	55.5	34.5	96.5	96.3
Limit (dB)	31.5	35.0	27.3	27.4



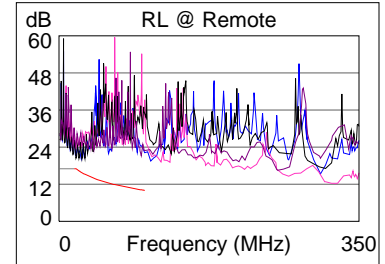
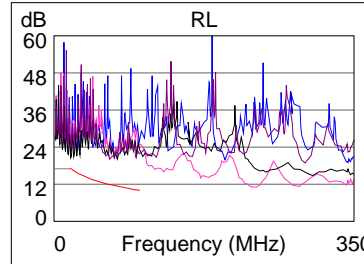
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	45-36	36-45
ACR-F (dB)	6.3	6.3	7.0	7.2
Freq. (MHz)	2.1	1.0	99.8	99.5
Limit (dB)	50.9	57.4	17.4	17.4
Worst Pair	36	36	36	45
PS ACR-F (dB)	9.0	9.0	9.9	9.7
Freq. (MHz)	1.0	2.6	99.8	99.8
Limit (dB)	54.4	46.0	14.4	14.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	12.6	12.7	24.0	21.9
Freq. (MHz)	2.8	3.0	100.0	96.3
Limit (dB)	52.5	51.7	6.1	6.8
Worst Pair	12	78	36	45
PS ACR-N (dB)	14.9	14.9	25.3	24.1
Freq. (MHz)	3.9	4.1	100.0	96.3
Limit (dB)	46.4	45.8	3.1	3.8



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45	45	78	12
RL (dB)	3.4	3.2	8.0	4.2
Freq. (MHz)	19.9	20.0	65.0	25.9
Limit (dB)	17.0	17.0	11.9	15.9



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



Cable ID: D1-45

Test Summary: PASS

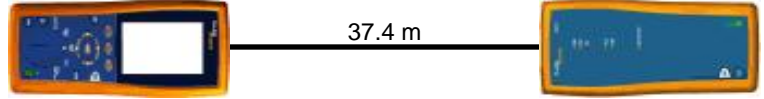
Date / Time: 08/21/2009 09:19:37am
Headroom: 5.6 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

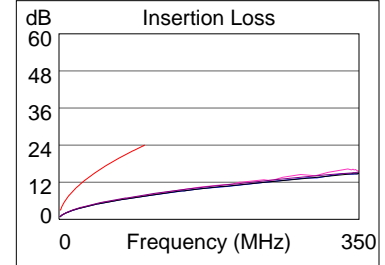
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

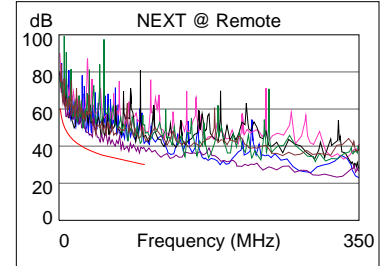
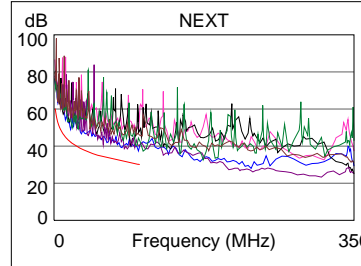
PASS



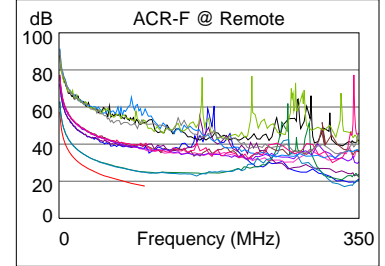
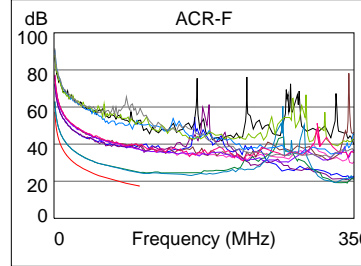
Length (m), Limit 100.0	[Pair 12]	37.4
Prop. Delay (ns), Limit 555		186
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 78]	7.0
Insertion Loss Margin (dB)	[Pair 78]	16.2
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



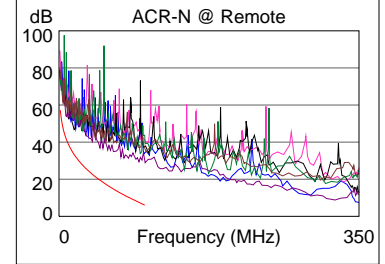
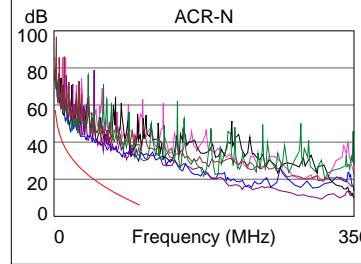
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	6.0	5.6	6.0	5.7
Freq. (MHz)	84.8	81.5	84.8	93.8
Limit (dB)	31.3	31.6	31.3	30.6
Worst Pair	36	36	36	36
PS NEXT (dB)	7.0	7.7	7.6	8.4
Freq. (MHz)	84.8	81.0	97.0	100.0
Limit (dB)	28.3	28.7	27.3	27.1



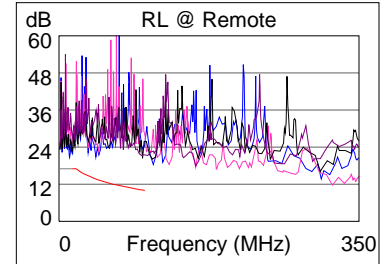
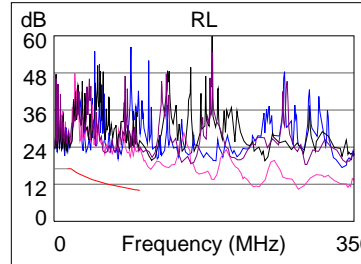
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	45-36	45-36	45-36
ACR-F (dB)	5.4	5.4	7.2	7.2
Freq. (MHz)	2.3	2.3	98.5	100.0
Limit (dB)	50.4	50.4	17.5	17.4
Worst Pair	36	36	36	36
PS ACR-F (dB)	7.9	7.9	9.8	10.1
Freq. (MHz)	1.0	2.3	99.0	99.8
Limit (dB)	54.4	47.4	14.5	14.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-36	36-45	12-36	36-45
ACR-N (dB)	13.4	11.6	23.3	22.7
Freq. (MHz)	19.1	8.4	98.5	100.0
Limit (dB)	32.4	41.8	6.4	6.1
Worst Pair	36	45	36	36
PS ACR-N (dB)	12.5	13.6	23.6	24.7
Freq. (MHz)	1.6	8.0	97.0	100.0
Limit (dB)	53.9	39.3	3.7	3.1



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45	12	12	45
RL (dB)	6.9	6.8	8.9	10.3
Freq. (MHz)	18.3	43.3	74.8	97.5
Limit (dB)	17.0	13.7	11.3	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: D1-44

Test Summary: PASS

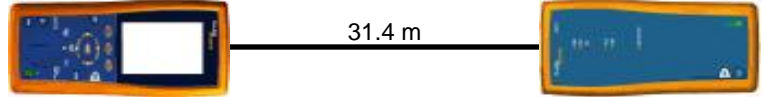
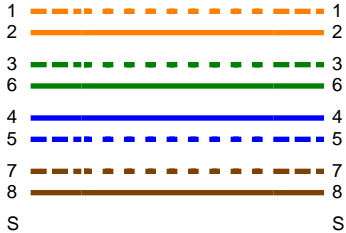
Date / Time: 08/24/2009 10:25:18am
Headroom: 4.1 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

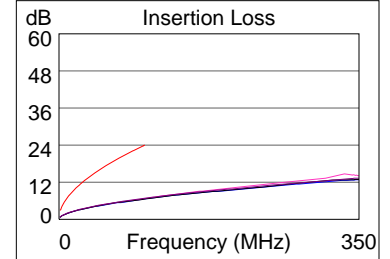
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

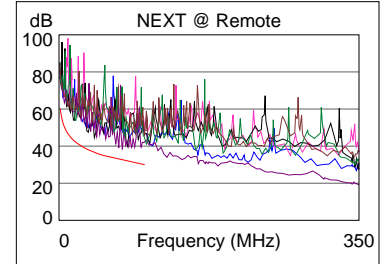
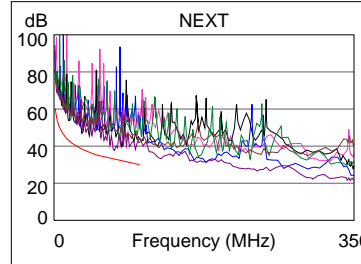
PASS



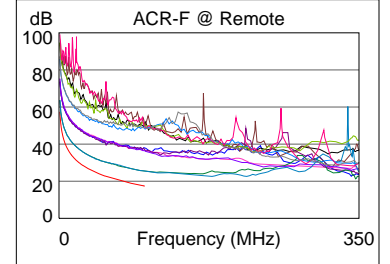
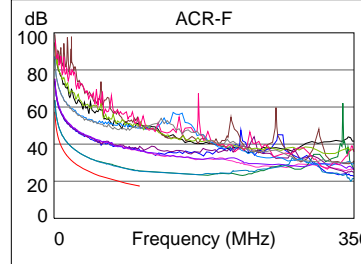
Length (m), Limit 100.0	[Pair 12]	31.4
Prop. Delay (ns), Limit 555		156
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	6.0
Insertion Loss Margin (dB)	[Pair 78]	17.2
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



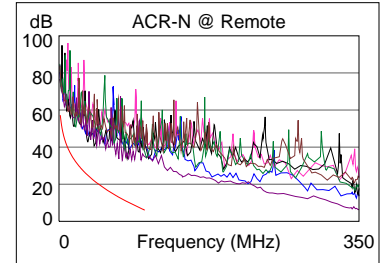
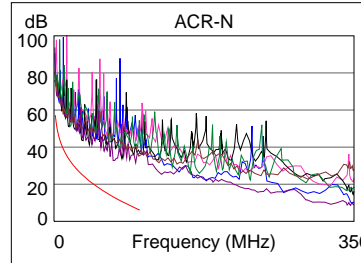
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	4.1	6.1	4.1	6.1
Freq. (MHz)	69.8	73.8	69.8	73.8
Limit (dB)	32.8	32.4	32.8	32.4
Worst Pair	45	36	45	36
PS NEXT (dB)	6.8	8.6	6.8	8.6
Freq. (MHz)	69.8	73.8	69.8	73.8
Limit (dB)	29.8	29.4	29.8	29.4



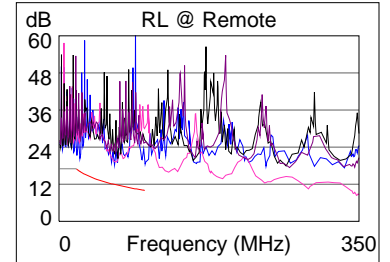
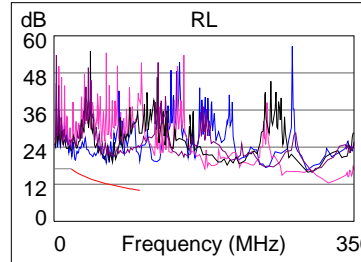
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	6.3	6.3	8.0	7.8
Freq. (MHz)	1.0	1.0	100.0	99.3
Limit (dB)	57.4	57.4	17.4	17.5
Worst Pair	36	36	36	45
PS ACR-F (dB)	8.9	8.9	10.6	10.6
Freq. (MHz)	1.0	1.0	98.8	98.8
Limit (dB)	54.4	54.4	14.5	14.5



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	15.5	16.8	18.4	20.9
Freq. (MHz)	2.9	2.1	69.8	73.8
Limit (dB)	52.1	54.8	13.0	12.0
Worst Pair	78	36	45	36
PS ACR-N (dB)	16.4	16.4	26.7	26.4
Freq. (MHz)	1.6	1.6	95.5	88.5
Limit (dB)	53.9	53.9	4.0	5.5



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	12	12
RL (dB)	3.5	4.1	6.3	6.1
Freq. (MHz)	24.6	24.5	60.5	64.3
Limit (dB)	16.1	16.1	12.2	11.9



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



Cable ID: D1-43

Test Summary: PASS

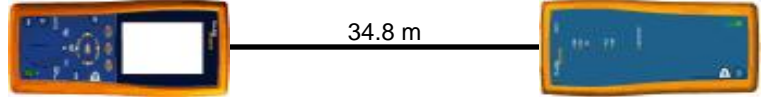
Date / Time: 08/21/2009 09:07:44am
Headroom: 6.6 dB (NEXT 12-36)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

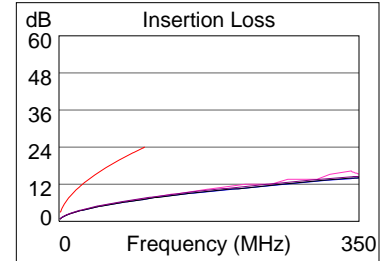
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

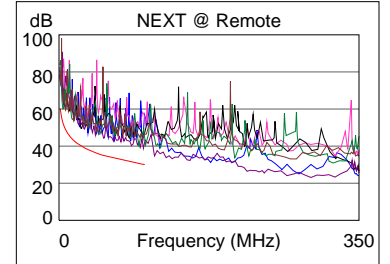
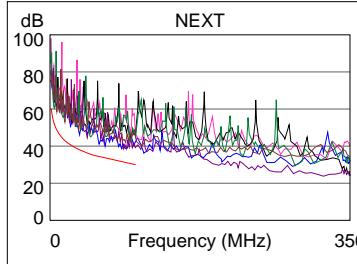
PASS



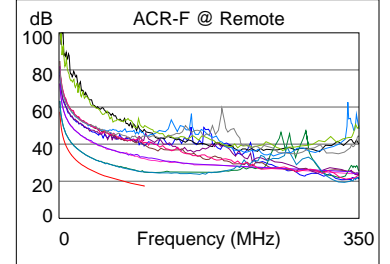
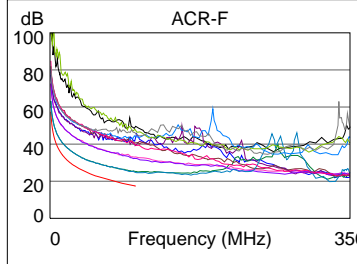
Length (m), Limit 100.0	[Pair 12]	34.8
Prop. Delay (ns), Limit 555		173
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 12]	6.4
Insertion Loss Margin (dB)	[Pair 78]	16.5
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



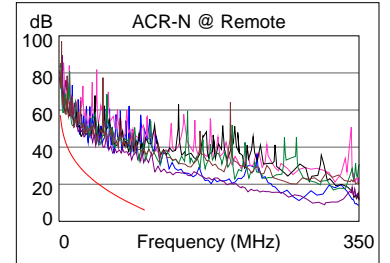
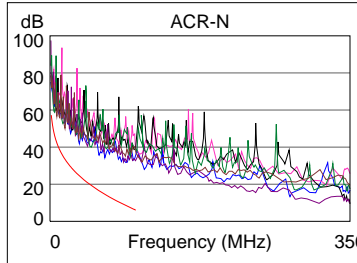
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-36	36-78	36-45	36-45
NEXT (dB)	6.6	7.4	7.3	8.6
Freq. (MHz)	64.3	4.5	88.8	98.5
Limit (dB)	33.4	52.7	31.0	30.2
Worst Pair	36	78	36	36
PS NEXT (dB)	7.4	8.8	7.4	10.5
Freq. (MHz)	88.8	4.5	88.8	98.3
Limit (dB)	28.0	49.7	28.0	27.2



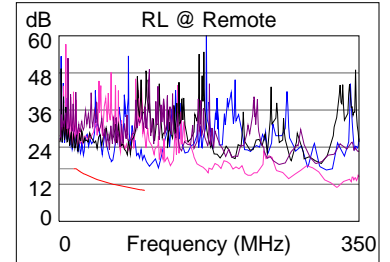
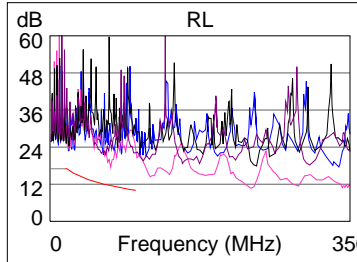
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	45-36	36-45
ACR-F (dB)	5.8	5.8	7.1	7.3
Freq. (MHz)	1.1	1.1	99.8	100.0
Limit (dB)	56.4	56.4	17.4	17.4
Worst Pair	45	45	36	45
PS ACR-F (dB)	8.2	8.2	9.9	9.4
Freq. (MHz)	1.1	1.1	99.8	99.8
Limit (dB)	53.4	53.4	14.4	14.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-78	36-78	12-36	36-45
ACR-N (dB)	11.4	10.6	23.2	25.3
Freq. (MHz)	4.5	4.5	89.3	98.5
Limit (dB)	48.0	48.0	8.4	6.4
Worst Pair	36	78	36	36
PS ACR-N (dB)	12.5	12.0	23.1	27.0
Freq. (MHz)	4.6	4.5	88.5	98.3
Limit (dB)	44.7	45.0	5.5	3.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36	12	36	12
RL (dB)	6.0	5.6	6.0	6.2
Freq. (MHz)	70.8	21.9	70.8	61.8
Limit (dB)	11.5	16.6	11.5	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: D1-42

Test Summary: PASS

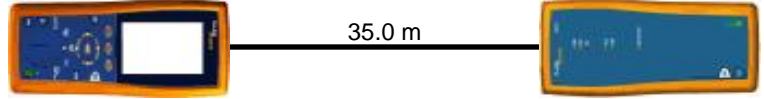
Date / Time: 08/21/2009 09:05:02am
Headroom: 6.1 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

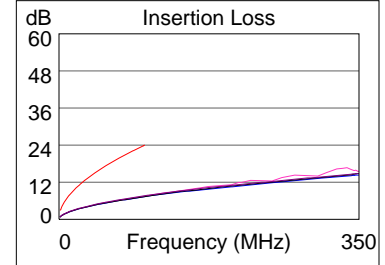
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

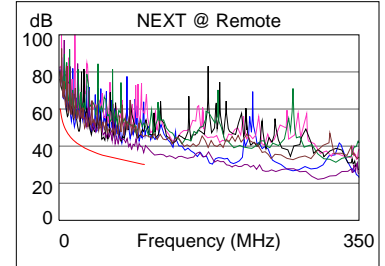
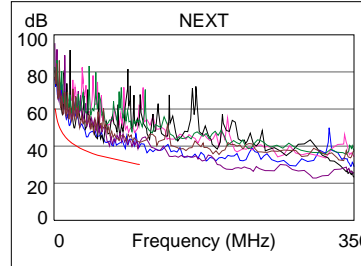
PASS



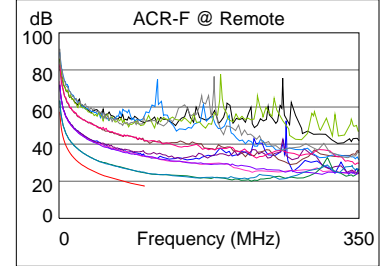
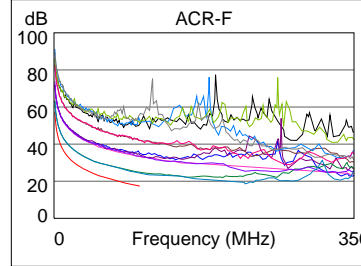
Length (m), Limit 100.0	[Pair 12]	35.0
Prop. Delay (ns), Limit 555		172
Delay Skew (ns), Limit 50		3
Resistance (ohms)	[Pair 45]	6.4
Insertion Loss Margin (dB)	[Pair 78]	16.4
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



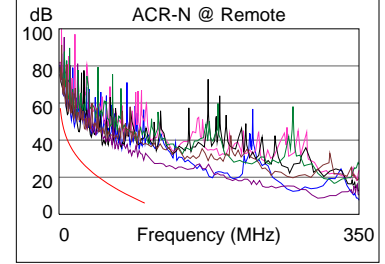
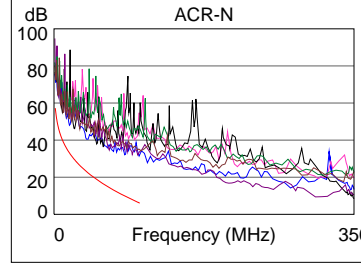
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	6.7	6.1	8.0	6.1
Freq. (MHz)	65.0	98.3	98.5	98.3
Limit (dB)	33.3	30.2	30.2	30.2
Worst Pair	36	45	36	45
PS NEXT (dB)	7.5	8.4	8.8	8.4
Freq. (MHz)	68.8	98.0	98.5	98.0
Limit (dB)	29.9	27.2	27.2	27.2



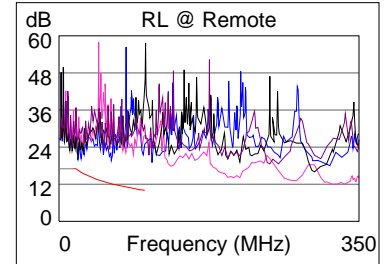
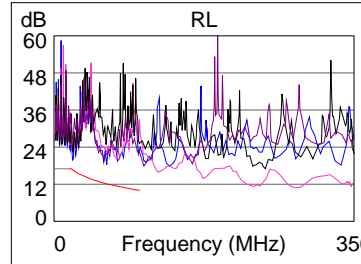
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	5.9	5.9	6.8	7.0
Freq. (MHz)	1.6	1.6	99.8	99.8
Limit (dB)	53.2	53.2	17.4	17.4
Worst Pair	36	45	36	45
PS ACR-F (dB)	8.4	8.4	9.4	9.3
Freq. (MHz)	1.0	1.6	99.8	99.8
Limit (dB)	54.4	50.2	14.4	14.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-36	12-78	36-45	36-45
ACR-N (dB)	14.4	13.6	24.6	22.7
Freq. (MHz)	1.5	9.8	98.5	98.3
Limit (dB)	57.0	40.2	6.4	6.4
Worst Pair	12	78	36	45
PS ACR-N (dB)	15.5	14.7	25.2	24.9
Freq. (MHz)	1.6	1.6	98.5	98.0
Limit (dB)	53.9	53.9	3.4	3.5



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	12	12
RL (dB)	2.7	3.3	6.2	7.0
Freq. (MHz)	22.0	22.1	61.5	61.5
Limit (dB)	16.6	16.6	12.1	12.1



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



Cable ID: D1-41

Test Summary: PASS

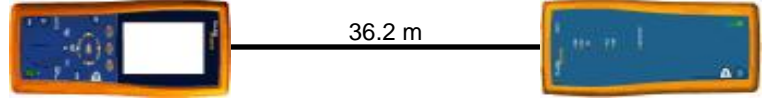
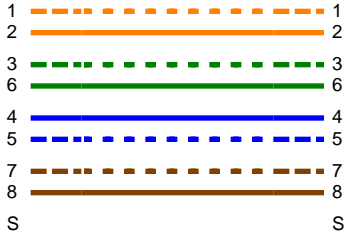
Date / Time: 08/25/2009 09:34:20am
Headroom: 5.2 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

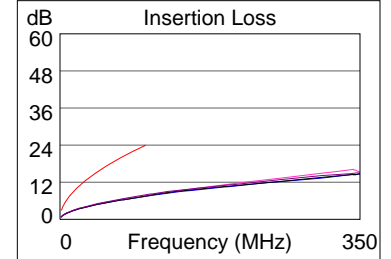
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

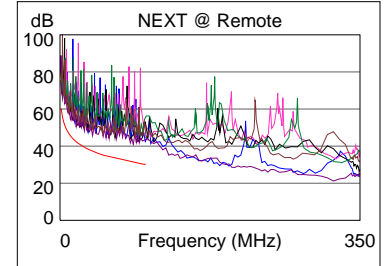
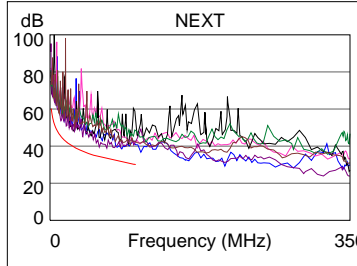
PASS



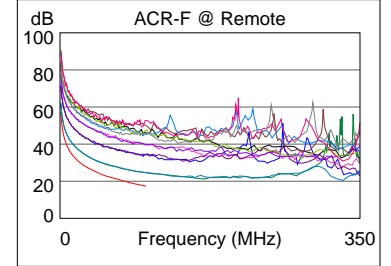
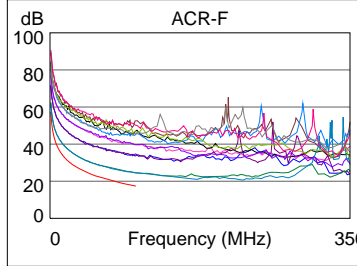
Length (m), Limit 100.0	[Pair 12]	36.2
Prop. Delay (ns), Limit 555		179
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 78]	6.7
Insertion Loss Margin (dB)	[Pair 78]	16.2
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



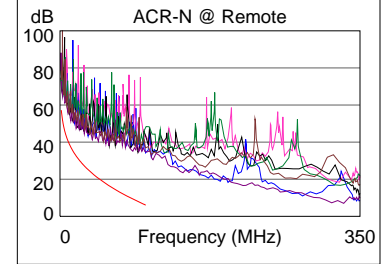
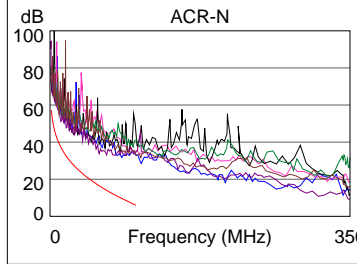
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	12-36	36-45
NEXT (dB)	5.2	8.0	6.7	9.7
Freq. (MHz)	57.3	18.9	83.3	85.5
Limit (dB)	34.2	42.4	31.5	31.3
Worst Pair	36	36	36	36
PS NEXT (dB)	7.6	8.8	7.6	11.3
Freq. (MHz)	57.5	32.3	82.5	93.3
Limit (dB)	31.2	35.5	28.5	27.6



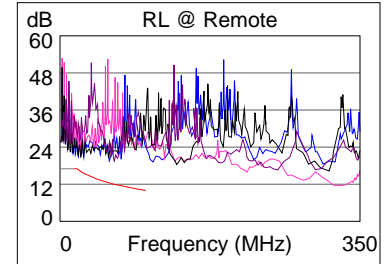
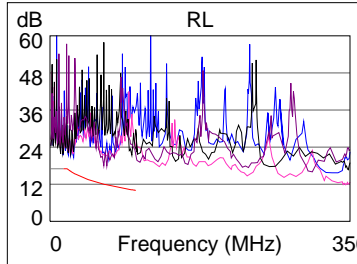
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	4.5	4.5	6.6	6.7
Freq. (MHz)	1.0	1.0	99.5	99.3
Limit (dB)	57.4	57.4	17.4	17.5
Worst Pair	36	45	36	45
PS ACR-F (dB)	7.1	7.4	9.1	9.5
Freq. (MHz)	1.0	1.0	99.5	99.5
Limit (dB)	54.4	54.4	14.4	14.4



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



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



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



Cable ID: D1-40

Test Summary: PASS

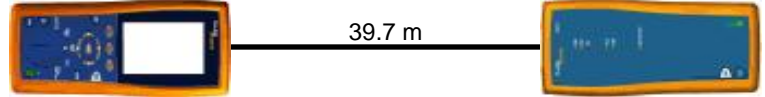
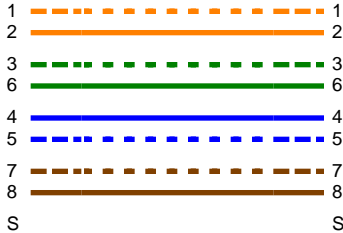
Date / Time: 08/21/2009 09:26:10am
 Headroom: 4.2 dB (NEXT 12-36)
 Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

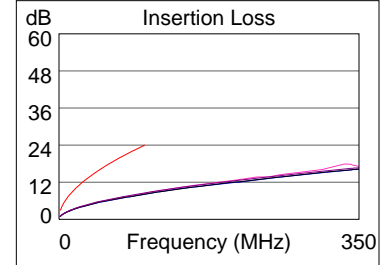
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

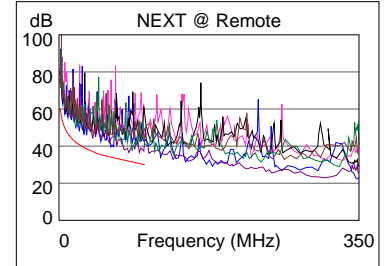
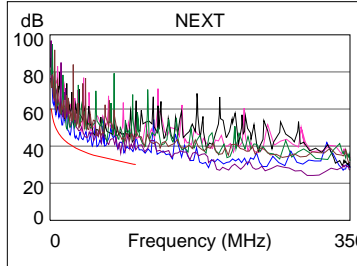
PASS



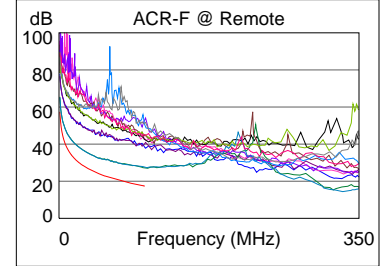
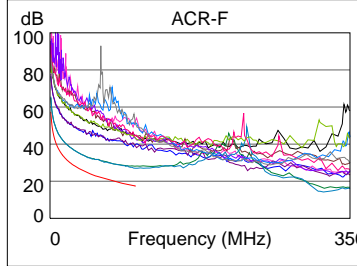
Length (m), Limit 100.0	[Pair 12]	39.7
Prop. Delay (ns), Limit 555		198
Delay Skew (ns), Limit 50		6
Resistance (ohms)	[Pair 78]	7.3
Insertion Loss Margin (dB)	[Pair 78]	15.5
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



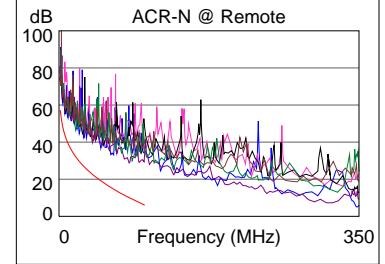
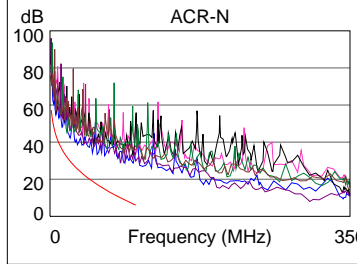
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-36	36-45	36-45	36-45
NEXT (dB)	4.2	4.2	4.6	4.2
Freq. (MHz)	32.5	82.0	82.3	82.0
Limit (dB)	38.4	31.6	31.5	31.6
Worst Pair	36	36	36	36
PS NEXT (dB)	5.5	6.3	6.6	6.3
Freq. (MHz)	23.3	85.5	87.8	85.5
Limit (dB)	37.9	28.3	28.1	28.3



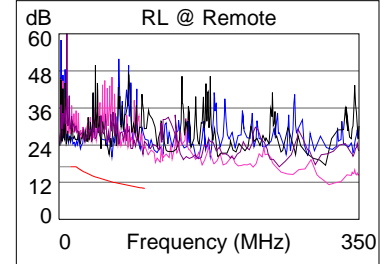
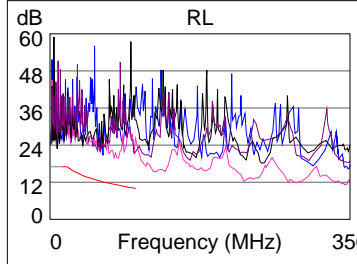
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	7.2	7.2	9.4	9.8
Freq. (MHz)	1.6	1.6	98.0	99.8
Limit (dB)	53.2	53.2	17.6	17.4
Worst Pair	36	36	36	45
PS ACR-F (dB)	10.0	10.1	12.0	12.3
Freq. (MHz)	1.6	2.0	98.0	98.0
Limit (dB)	50.2	48.4	14.6	14.6



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-36	12-36	12-36	36-45
ACR-N (dB)	10.6	11.2	19.6	18.5
Freq. (MHz)	3.6	7.0	86.0	82.0
Limit (dB)	50.0	43.6	9.1	10.0
Worst Pair	12	12	36	36
PS ACR-N (dB)	12.4	12.1	23.0	20.7
Freq. (MHz)	6.9	7.3	96.8	85.8
Limit (dB)	40.8	40.3	3.7	6.2



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45	12	36	12
RL (dB)	8.2	6.7	8.7	8.0
Freq. (MHz)	16.5	18.9	80.3	62.0
Limit (dB)	17.0	17.0	11.0	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: D1-39

Test Summary: PASS

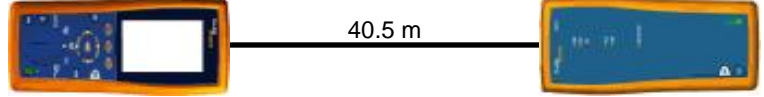
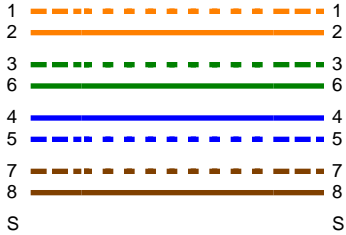
Date / Time: 08/21/2009 09:24:10am
Headroom: 4.0 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

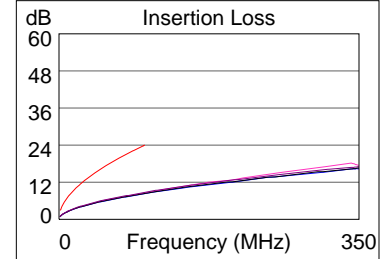
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

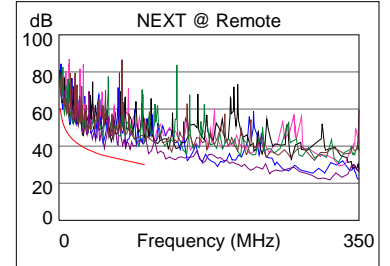
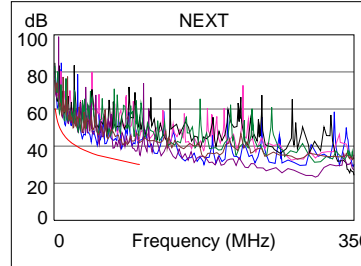
PASS



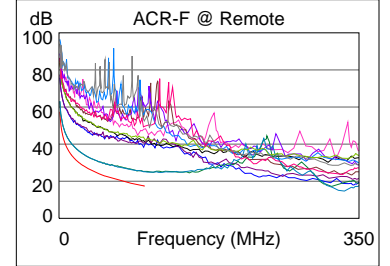
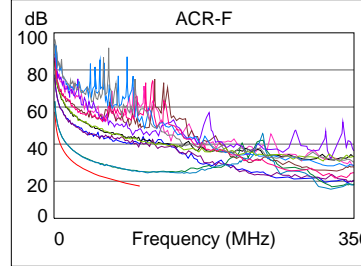
Length (m), Limit 100.0	[Pair 12]	40.5
Prop. Delay (ns), Limit 555		202
Delay Skew (ns), Limit 50		6
Resistance (ohms)	[Pair 12]	7.4
Insertion Loss Margin (dB)	[Pair 78]	15.3
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



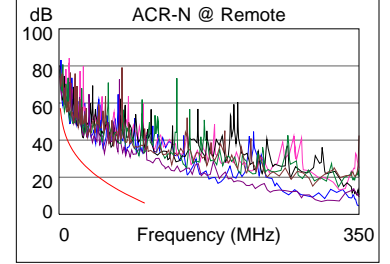
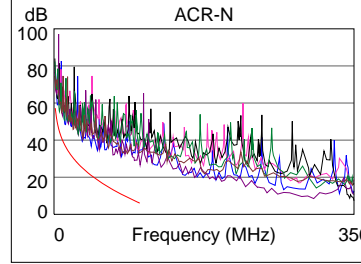
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	5.0	4.0	5.0	6.8
Freq. (MHz)	100.0	53.0	100.0	83.0
Limit (dB)	30.1	34.8	30.1	31.5
Worst Pair	36	36	45	36
PS NEXT (dB)	6.1	6.0	6.6	8.7
Freq. (MHz)	51.0	53.0	100.0	94.0
Limit (dB)	32.1	31.8	27.1	27.5



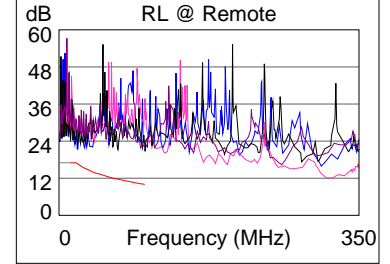
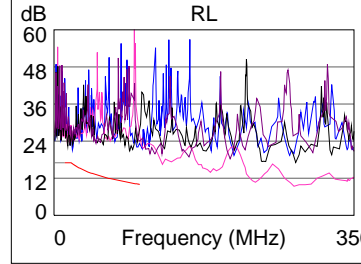
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	45-36	45-36	45-36
ACR-F (dB)	5.2	5.2	7.5	7.6
Freq. (MHz)	1.6	1.6	98.0	98.8
Limit (dB)	53.2	53.2	17.6	17.5
Worst Pair	36	36	36	36
PS ACR-F (dB)	8.1	8.0	10.4	10.6
Freq. (MHz)	1.1	1.6	98.0	98.8
Limit (dB)	53.4	50.2	14.6	14.5



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-36	12-36	36-45	36-45
ACR-N (dB)	9.4	10.1	20.6	21.0
Freq. (MHz)	3.8	4.0	100.0	83.3
Limit (dB)	49.7	49.1	6.1	9.7
Worst Pair	12	12	45	36
PS ACR-N (dB)	10.5	10.6	22.2	23.7
Freq. (MHz)	3.6	3.9	100.0	94.0
Limit (dB)	47.0	46.4	3.1	4.3



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	45	12
RL (dB)	4.2	4.1	9.9	4.1
Freq. (MHz)	21.6	21.6	91.0	21.6
Limit (dB)	16.7	16.7	10.4	16.7



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



Cable ID: D1-38

Test Summary: PASS

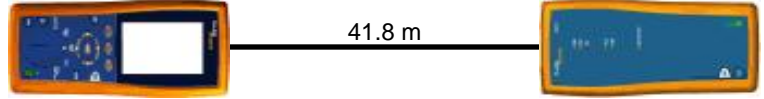
Date / Time: 08/21/2009 09:00:07am
 Headroom: **3.9 dB (NEXT 12-36)**
 Test Limit: **TIA Cat 5e Channel**
 Cable Type: Cat 5e UTP

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

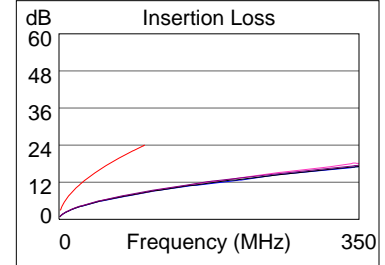
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

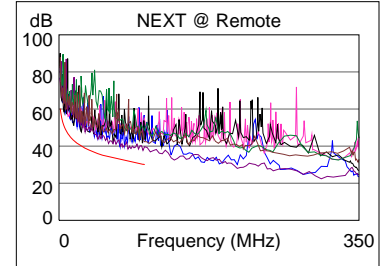
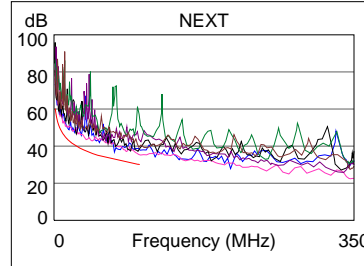
PASS



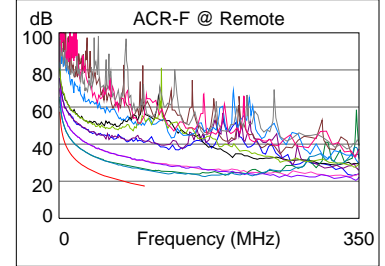
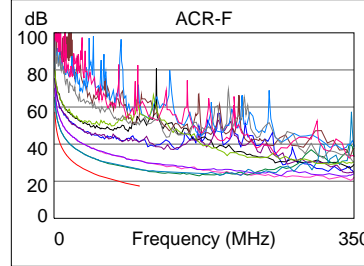
Length (m), Limit 100.0	[Pair 12]	41.8
Prop. Delay (ns), Limit 555		206
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 78]	7.6
Insertion Loss Margin (dB)	[Pair 78]	15.1
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



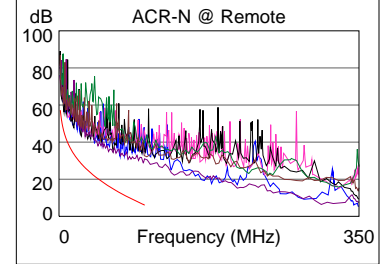
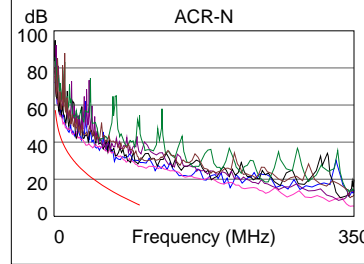
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-36	12-36	12-45	36-45
NEXT (dB)	3.9	6.5	5.1	7.2
Freq. (MHz)	70.8	70.8	98.3	98.3
Limit (dB)	32.7	32.7	30.2	30.2
Worst Pair	12	12	12	36
PS NEXT (dB)	4.6	7.5	4.6	9.1
Freq. (MHz)	71.3	6.1	97.5	98.3
Limit (dB)	29.6	47.5	27.3	27.2



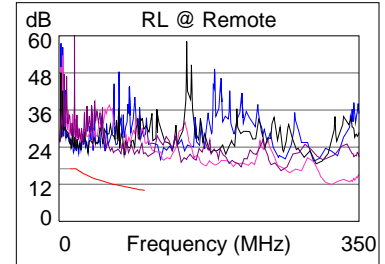
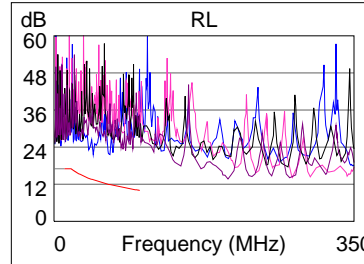
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	45-36	45-36
ACR-F (dB)	6.5	6.5	8.7	8.7
Freq. (MHz)	1.4	1.4	99.8	99.8
Limit (dB)	54.6	54.6	17.4	17.4
Worst Pair	45	45	45	45
PS ACR-F (dB)	9.2	8.7	10.6	10.5
Freq. (MHz)	1.6	1.0	99.8	99.8
Limit (dB)	50.2	54.4	14.4	14.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-36	12-78	12-45	36-45
ACR-N (dB)	10.1	10.5	20.3	22.4
Freq. (MHz)	6.5	2.6	98.3	98.3
Limit (dB)	44.4	52.9	6.4	6.4
Worst Pair	12	12	12	36
PS ACR-N (dB)	9.8	11.0	19.9	24.2
Freq. (MHz)	6.1	6.1	97.5	98.3
Limit (dB)	42.0	42.0	3.6	3.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	12	78
RL (dB)	8.2	5.0	8.2	10.8
Freq. (MHz)	45.5	17.0	45.5	92.5
Limit (dB)	13.4	17.0	13.4	10.3



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



Cable ID: D1-37

Test Summary: PASS

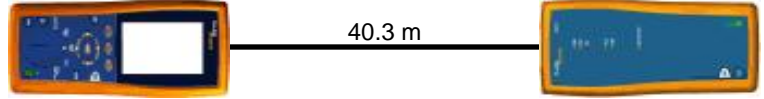
Date / Time: 08/21/2009 09:02:59am
Headroom: 5.8 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

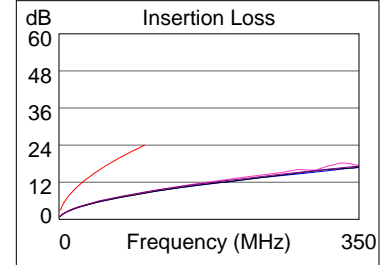
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

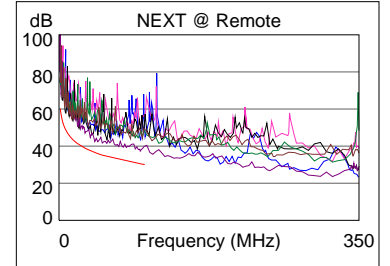
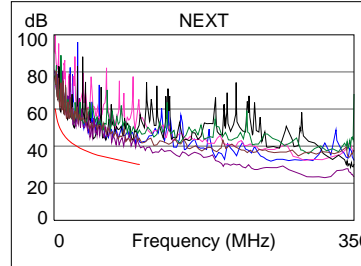
PASS



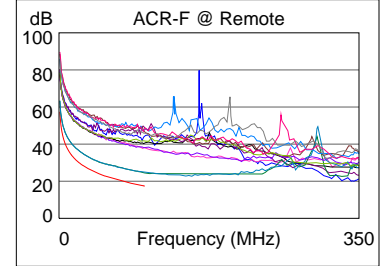
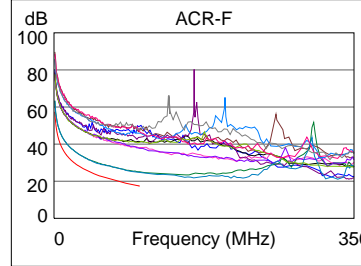
Length (m), Limit 100.0	[Pair 12]	40.3
Prop. Delay (ns), Limit 555		199
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	7.3
Insertion Loss Margin (dB)	[Pair 78]	15.2
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



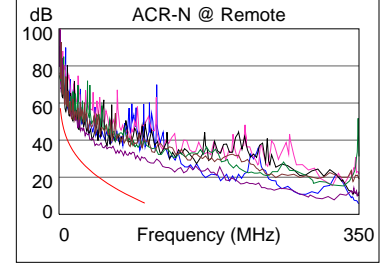
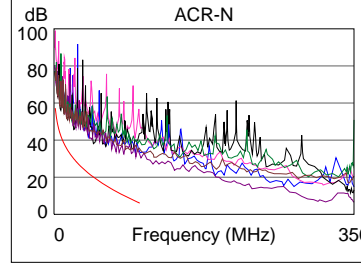
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-78	36-45	36-45	36-45
NEXT (dB)	8.1	5.8	8.7	6.5
Freq. (MHz)	46.0	44.8	95.5	95.3
Limit (dB)	35.9	36.1	30.4	30.4
Worst Pair	45	45	36	36
PS NEXT (dB)	9.3	8.1	9.7	8.2
Freq. (MHz)	75.5	42.0	95.3	95.0
Limit (dB)	29.2	33.5	27.4	27.5



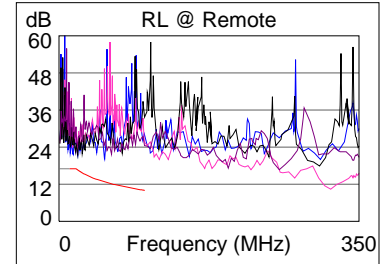
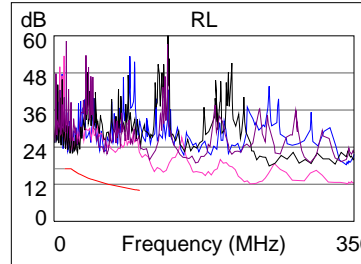
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	45-36	36-45
ACR-F (dB)	5.4	5.5	6.8	7.0
Freq. (MHz)	2.1	1.8	99.5	99.8
Limit (dB)	50.9	52.5	17.4	17.4
Worst Pair	45	36	36	45
PS ACR-F (dB)	8.3	8.3	9.8	9.6
Freq. (MHz)	2.1	2.1	99.5	99.5
Limit (dB)	47.9	47.9	14.4	14.4



	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)	13.2	12.8	23.9	21.6
Freq. (MHz)	7.5	7.6	95.5	95.3
Limit (dB)	42.9	42.8	7.0	7.1
Worst Pair	78	78	36	36
PS ACR-N (dB)	13.2	12.8	24.6	23.2
Freq. (MHz)	4.0	3.8	95.3	95.0
Limit (dB)	46.1	46.7	4.1	4.1



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45	12	78	12
RL (dB)	4.9	4.1	9.3	7.3
Freq. (MHz)	18.9	16.3	61.3	53.5
Limit (dB)	17.0	17.0	12.1	12.7



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



Cable ID: D1-36

Test Summary: PASS

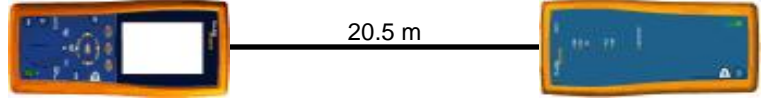
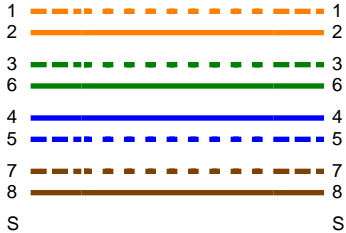
Date / Time: 08/21/2009 08:48:01am
Headroom: 6.0 dB (NEXT 12-36)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

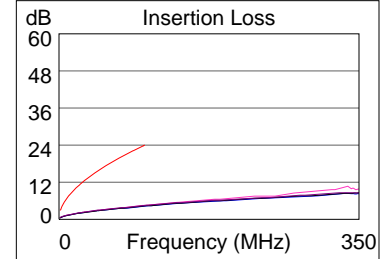
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

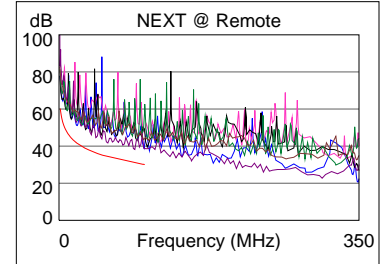
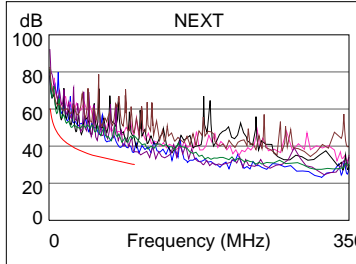
PASS



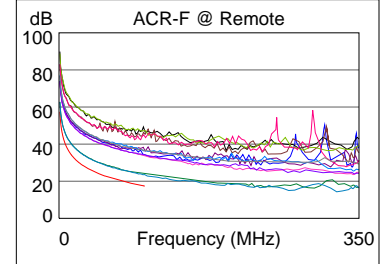
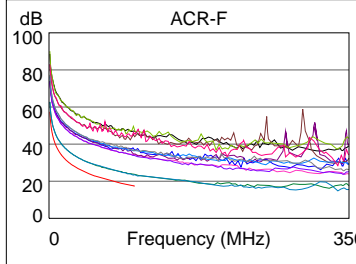
Length (m), Limit 100.0	[Pair 12]	20.5
Prop. Delay (ns), Limit 555		101
Delay Skew (ns), Limit 50		2
Resistance (ohms)	[Pair 78]	6.5
Insertion Loss Margin (dB)	[Pair 36]	19.5
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



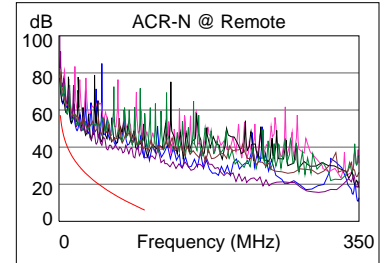
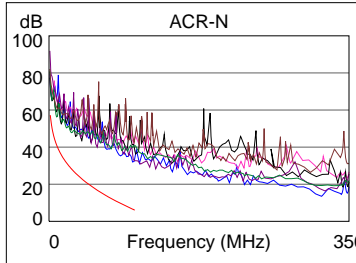
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-36	36-45	12-36	36-45
NEXT (dB)	6.0	6.6	6.0	7.3
Freq. (MHz)	98.0	87.8	98.0	100.0
Limit (dB)	30.2	31.1	30.2	30.1
Worst Pair	36	36	36	36
PS NEXT (dB)	6.1	8.2	6.1	8.2
Freq. (MHz)	98.8	99.5	98.8	99.5
Limit (dB)	27.2	27.1	27.2	27.1



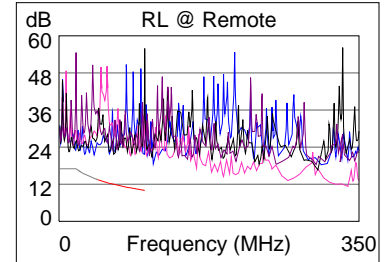
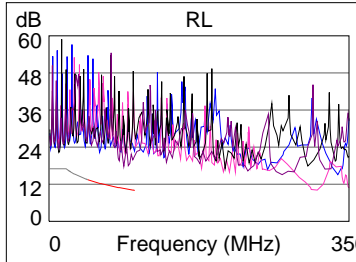
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	45-36	45-36	45-36
ACR-F (dB)	5.1	5.1	5.7	5.9
Freq. (MHz)	1.1	1.1	97.3	97.3
Limit (dB)	56.4	56.4	17.6	17.6
Worst Pair	45	45	45	45
PS ACR-F (dB)	7.6	7.7	8.7	8.1
Freq. (MHz)	1.1	1.1	99.5	97.3
Limit (dB)	53.4	53.4	14.4	14.6



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-78	12-78	12-36	36-45
ACR-N (dB)	14.1	13.4	25.2	27.0
Freq. (MHz)	2.6	2.9	98.0	100.0
Limit (dB)	52.9	52.1	6.5	6.1
Worst Pair	12	12	36	36
PS ACR-N (dB)	13.4	13.2	25.5	27.6
Freq. (MHz)	2.4	2.9	98.8	99.5
Limit (dB)	50.8	49.1	3.3	3.2



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	78	12	78	12
RL (dB)	7.2	9.2	7.4	10.7
Freq. (MHz)	87.3	59.3	93.0	98.8
Limit (dB)	10.6	12.3	10.3	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: D1-34

Test Summary: PASS

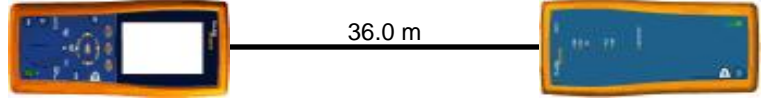
Date / Time: 08/24/2009 10:11:32am
Headroom: 5.1 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

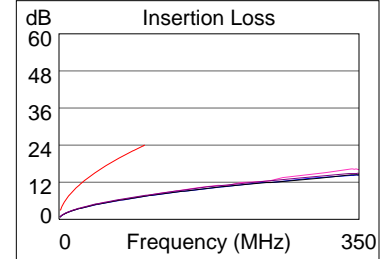
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

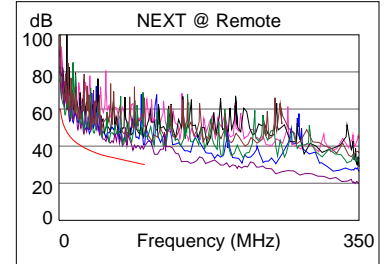
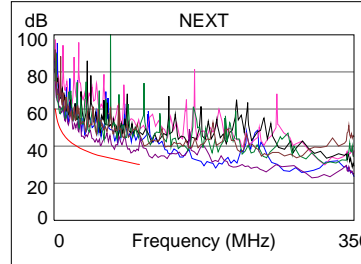
PASS



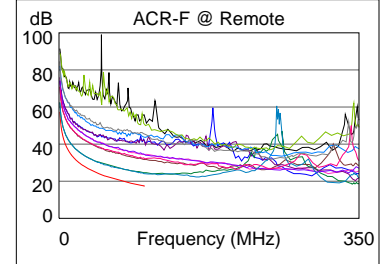
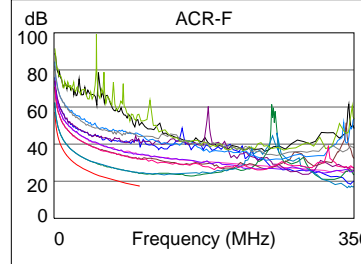
Length (m), Limit 100.0	[Pair 12]	36.0
Prop. Delay (ns), Limit 555		179
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 12]	6.5
Insertion Loss Margin (dB)	[Pair 78]	16.3
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



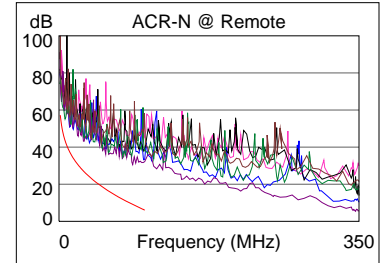
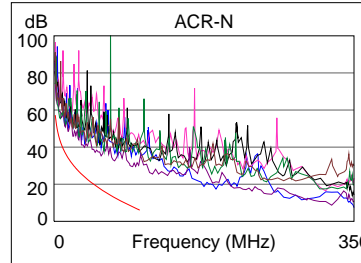
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	5.1	6.0	5.2	6.0
Freq. (MHz)	69.8	85.8	89.3	85.8
Limit (dB)	32.8	31.2	30.9	31.2
Worst Pair	36	36	36	36
PS NEXT (dB)	7.0	7.1	7.3	8.4
Freq. (MHz)	32.5	28.9	89.5	99.0
Limit (dB)	35.4	36.3	27.9	27.2



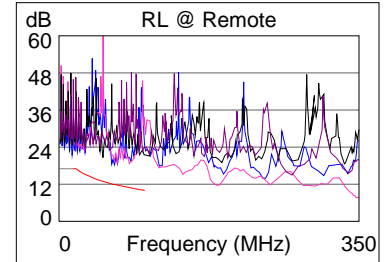
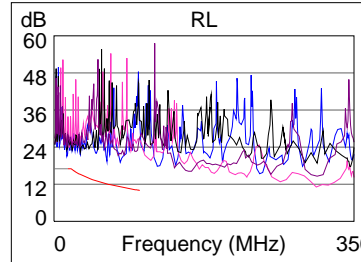
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	4.8	4.9	6.6	6.4
Freq. (MHz)	1.6	1.1	99.3	99.3
Limit (dB)	53.2	56.4	17.5	17.5
Worst Pair	36	36	36	36
PS ACR-F (dB)	7.2	7.1	9.1	8.9
Freq. (MHz)	1.3	1.0	99.3	99.3
Limit (dB)	52.5	54.4	14.5	14.5



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-78	36-45	36-45	36-45
ACR-N (dB)	11.4	11.4	21.4	23.1
Freq. (MHz)	6.6	2.5	92.3	95.8
Limit (dB)	44.2	53.4	7.7	7.0
Worst Pair	36	36	36	36
PS ACR-N (dB)	12.3	12.5	23.9	24.8
Freq. (MHz)	6.3	6.4	95.8	99.3
Limit (dB)	41.8	41.6	4.0	3.2



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	12	12
RL (dB)	5.9	5.6	7.7	5.8
Freq. (MHz)	18.4	18.4	76.8	62.0
Limit (dB)	17.0	17.0	11.2	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: D1-33

Test Summary: PASS

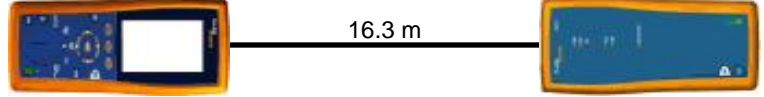
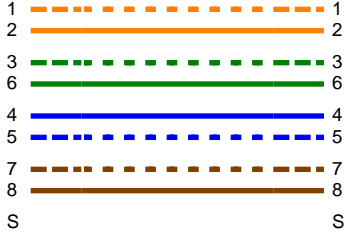
Date / Time: 08/21/2009 08:53:26am
 Headroom: 3.5 dB (NEXT 36-45)
 Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

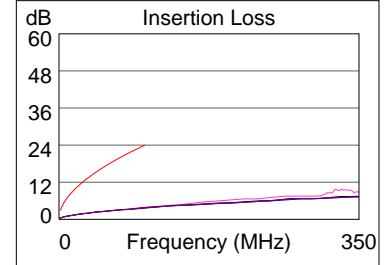
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

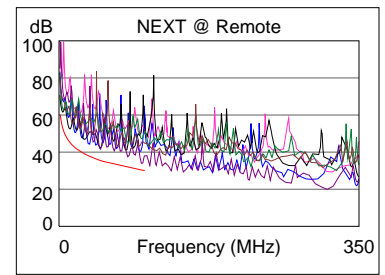
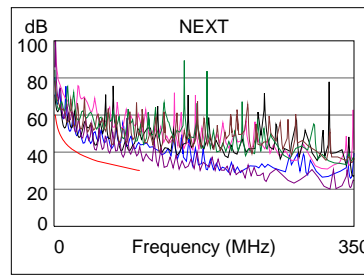
PASS



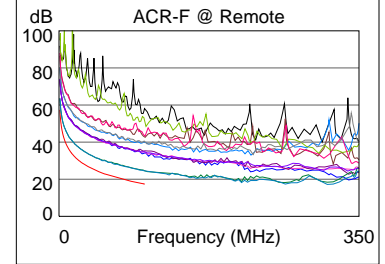
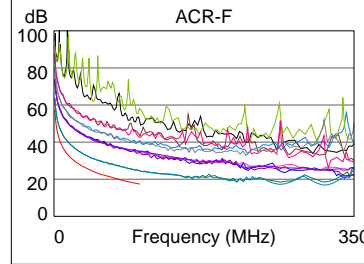
Length (m), Limit 100.0	[Pair 12]	16.3
Prop. Delay (ns), Limit 555		80
Delay Skew (ns), Limit 50		1
Resistance (ohms)	[Pair 12]	3.5
Insertion Loss Margin (dB)	[Pair 36]	19.9
Frequency (MHz)	[Pair 36]	98.8
Limit (dB)	[Pair 36]	23.8



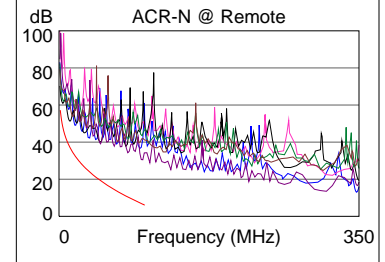
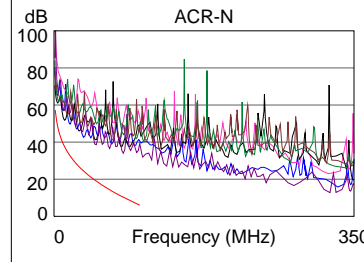
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	5.4	3.5	5.6	3.5
Freq. (MHz)	48.3	96.8	80.5	96.8
Limit (dB)	35.5	30.3	31.7	30.3
Worst Pair	36	36	36	36
PS NEXT (dB)	7.6	5.7	9.0	5.7
Freq. (MHz)	49.0	96.3	96.3	96.5
Limit (dB)	32.4	27.4	27.4	27.3



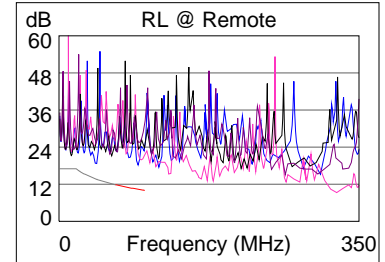
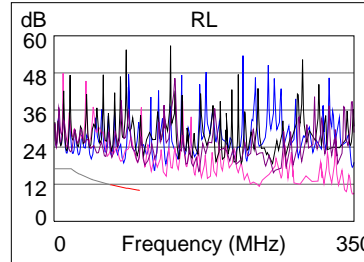
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	6.1	6.2	7.0	7.0
Freq. (MHz)	1.0	1.0	100.0	100.0
Limit (dB)	57.4	57.4	17.4	17.4
Worst Pair	45	36	45	36
PS ACR-F (dB)	8.6	8.7	9.5	9.6
Freq. (MHz)	1.0	1.0	100.0	100.0
Limit (dB)	54.4	54.4	14.4	14.4



	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)	9.7	9.6	23.6	23.5
Freq. (MHz)	1.8	1.8	80.5	97.3
Limit (dB)	56.4	56.4	10.4	6.6
Worst Pair	78	78	36	36
PS ACR-N (dB)	11.4	11.2	28.8	25.4
Freq. (MHz)	2.1	2.1	96.3	96.5
Limit (dB)	51.8	51.8	3.8	3.8



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	12	12
RL (dB)	8.0	7.8	8.0	7.8
Freq. (MHz)	81.3	91.8	81.3	91.8
Limit (dB)	10.9	10.4	10.9	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: D1-32

Test Summary: PASS

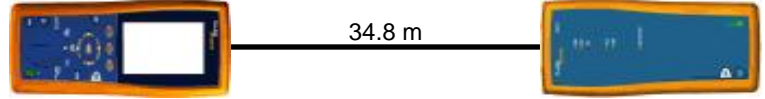
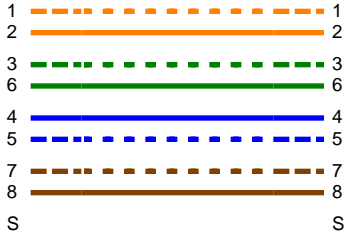
Date / Time: 08/21/2009 08:54:31am
Headroom: 5.4 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

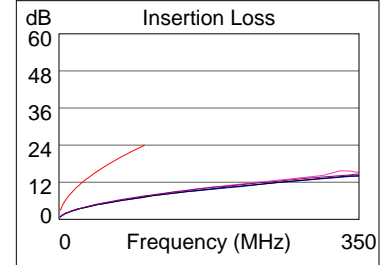
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

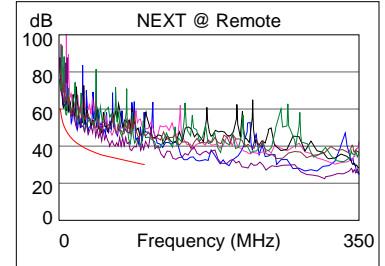
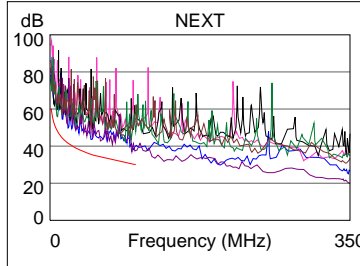
PASS



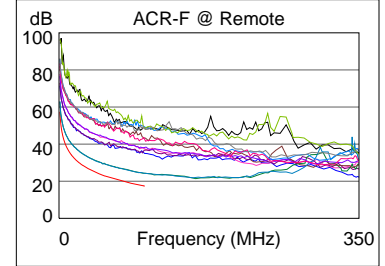
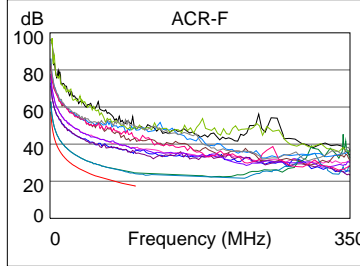
Length (m), Limit 100.0	[Pair 12]	34.8
Prop. Delay (ns), Limit 555		172
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	6.4
Insertion Loss Margin (dB)	[Pair 78]	16.5
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



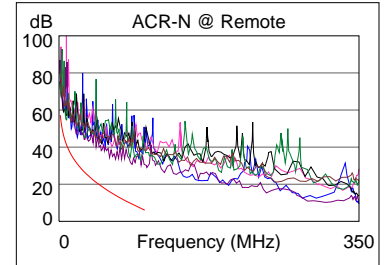
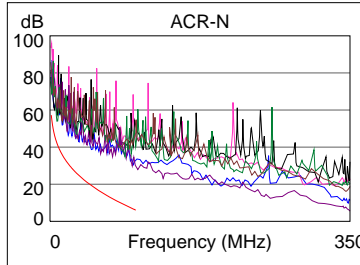
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	6.4	5.4	6.4	6.0
Freq. (MHz)	95.8	59.5	95.8	85.3
Limit (dB)	30.4	34.0	30.4	31.3
Worst Pair	36	36	36	36
PS NEXT (dB)	7.3	7.5	7.3	8.1
Freq. (MHz)	96.0	21.0	96.0	95.5
Limit (dB)	27.4	38.6	27.4	27.4



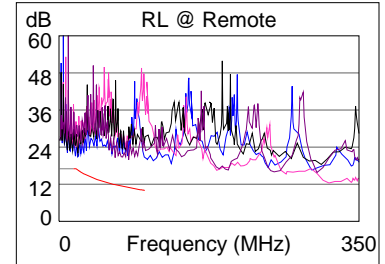
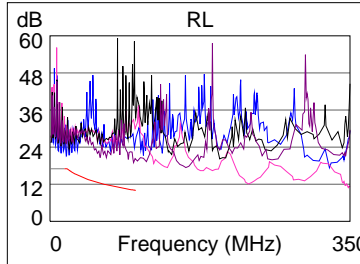
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	45-36	36-45
ACR-F (dB)	5.4	5.4	6.5	6.7
Freq. (MHz)	2.0	2.1	99.3	99.3
Limit (dB)	51.4	50.9	17.5	17.5
Worst Pair	36	36	36	45
PS ACR-F (dB)	8.0	8.0	9.2	9.3
Freq. (MHz)	2.1	1.0	98.3	99.3
Limit (dB)	47.9	54.4	14.6	14.5



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-78	12-78	36-45	36-45
ACR-N (dB)	11.8	12.2	22.7	23.3
Freq. (MHz)	8.3	5.0	95.8	95.5
Limit (dB)	41.9	47.0	7.0	7.0
Worst Pair	78	78	36	36
PS ACR-N (dB)	12.8	12.7	23.6	24.3
Freq. (MHz)	8.0	1.8	96.0	95.5
Limit (dB)	39.3	53.4	3.9	4.0



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	78	78
RL (dB)	4.1	4.1	8.9	7.9
Freq. (MHz)	19.0	22.1	97.5	71.8
Limit (dB)	17.0	16.6	10.1	11.5



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



Cable ID: D1-31

Test Summary: PASS

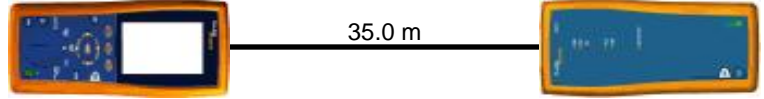
Date / Time: 08/21/2009 08:55:38am
Headroom: 4.6 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

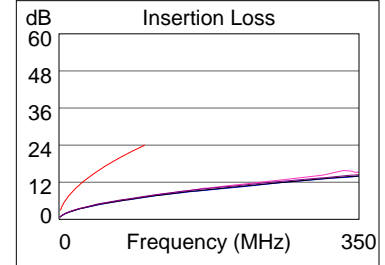
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

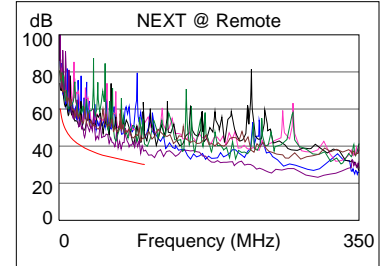
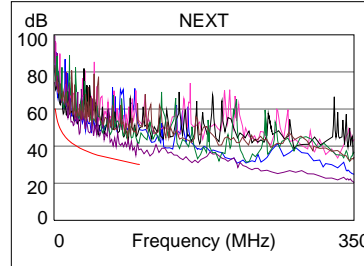
PASS



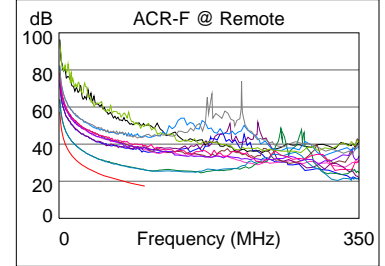
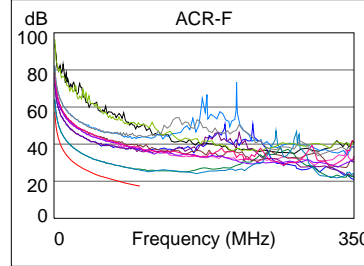
Length (m), Limit 100.0	[Pair 12]	35.0
Prop. Delay (ns), Limit 555		174
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 12]	6.5
Insertion Loss Margin (dB)	[Pair 36]	16.6
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



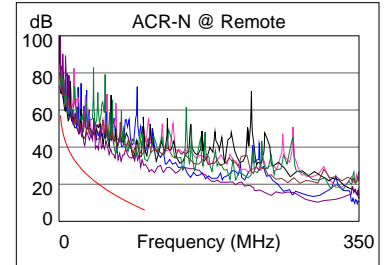
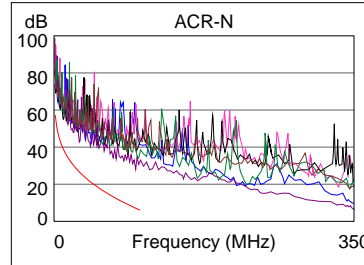
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	4.6	5.5	4.6	5.7
Freq. (MHz)	95.3	29.6	95.3	95.3
Limit (dB)	30.4	39.1	30.4	30.4
Worst Pair	45	36	45	45
PS NEXT (dB)	7.2	7.7	7.2	7.8
Freq. (MHz)	95.3	65.3	95.3	95.5
Limit (dB)	27.4	30.3	27.4	27.4



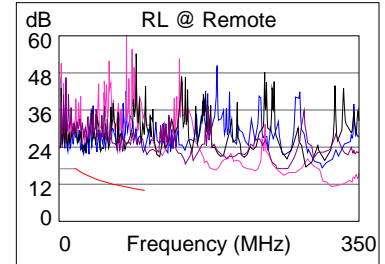
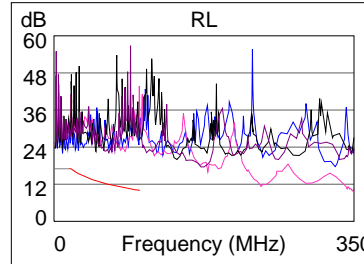
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	45-36	36-45
ACR-F (dB)	6.5	6.5	8.5	8.7
Freq. (MHz)	1.0	1.0	100.0	100.0
Limit (dB)	57.4	57.4	17.4	17.4
Worst Pair	45	36	36	45
PS ACR-F (dB)	9.1	8.9	11.0	11.1
Freq. (MHz)	1.0	1.0	100.0	100.0
Limit (dB)	54.4	54.4	14.4	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	36-45	36-45
ACR-N (dB)	13.2	12.9	21.0	22.1
Freq. (MHz)	1.6	1.6	95.3	95.3
Limit (dB)	56.9	56.9	7.1	7.1
Worst Pair	78	78	36	45
PS ACR-N (dB)	14.8	14.2	23.5	24.2
Freq. (MHz)	1.6	1.6	95.3	95.8
Limit (dB)	53.9	53.9	4.1	4.0



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	12	78	45
RL (dB)	6.8	6.2	9.5	8.3
Freq. (MHz)	25.0	28.5	64.5	49.3
Limit (dB)	16.0	15.5	11.9	13.1



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: D1-30

Test Summary: PASS

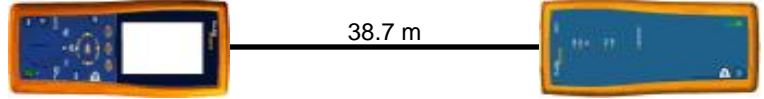
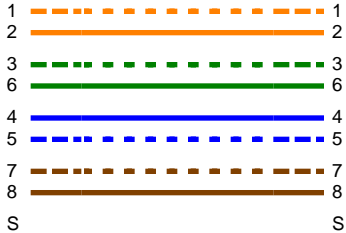
Date / Time: 08/24/2009 03:02:06pm
 Headroom: 5.4 dB (NEXT 36-45)
 Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

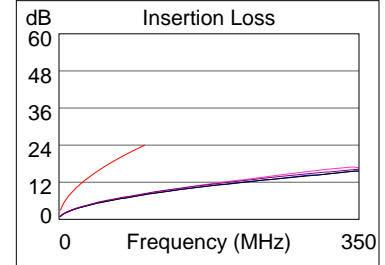
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

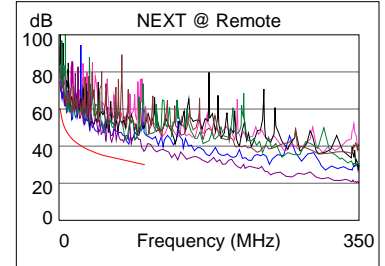
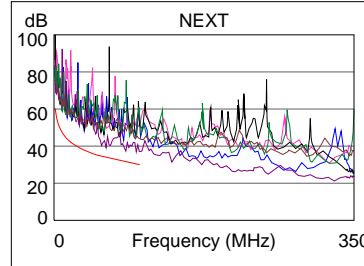
PASS



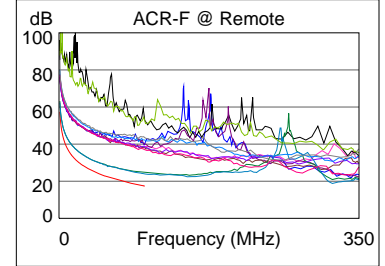
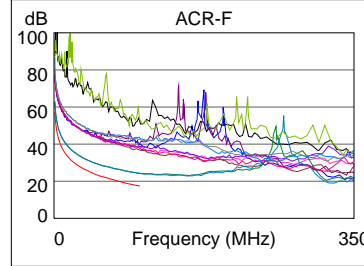
Length (m), Limit 100.0	[Pair 12]	38.7
Prop. Delay (ns), Limit 555		193
Delay Skew (ns), Limit 50		6
Resistance (ohms)	[Pair 78]	7.1
Insertion Loss Margin (dB)	[Pair 78]	15.7
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



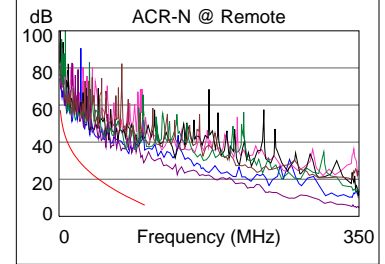
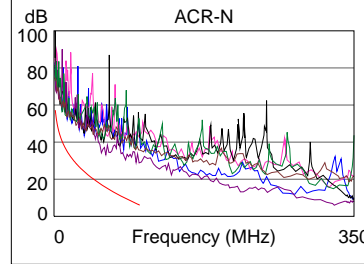
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	5.4	6.2	6.4	6.2
Freq. (MHz)	60.8	99.0	99.0	99.0
Limit (dB)	33.8	30.2	30.2	30.2
Worst Pair	45	45	45	36
PS NEXT (dB)	8.0	8.9	8.5	9.0
Freq. (MHz)	60.8	99.0	99.0	99.3
Limit (dB)	30.8	27.2	27.2	27.1



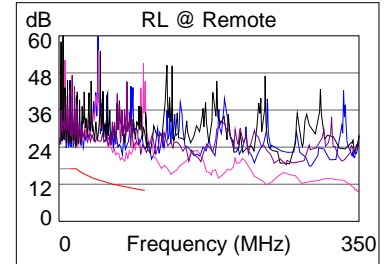
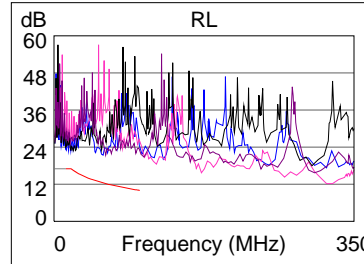
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	4.9	4.9	6.6	6.4
Freq. (MHz)	1.0	1.1	97.5	97.5
Limit (dB)	57.4	56.4	17.6	17.6
Worst Pair	36	36	36	36
PS ACR-F (dB)	7.6	7.6	9.5	9.3
Freq. (MHz)	1.1	1.0	100.0	97.5
Limit (dB)	53.4	54.4	14.4	14.6



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	12.2	12.5	22.4	22.2
Freq. (MHz)	1.9	1.6	99.0	99.0
Limit (dB)	55.8	56.9	6.3	6.3
Worst Pair	36	36	45	36
PS ACR-N (dB)	13.2	13.4	24.5	24.8
Freq. (MHz)	1.9	1.6	99.0	99.3
Limit (dB)	52.8	53.9	3.3	3.2



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	78	36
RL (dB)	5.7	6.6	8.9	8.3
Freq. (MHz)	16.9	17.0	60.8	76.8
Limit (dB)	17.0	17.0	12.2	11.2



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



Cable ID: D1-29

Test Summary: PASS

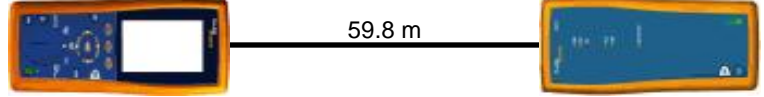
Date / Time: 08/21/2009 10:04:34am
Headroom: 5.2 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

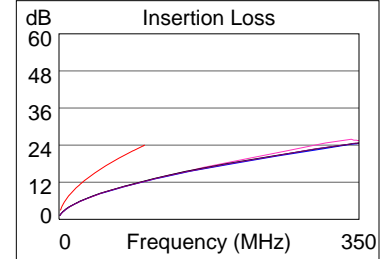
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

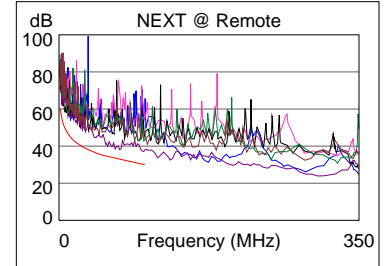
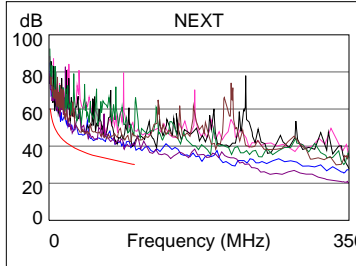
PASS



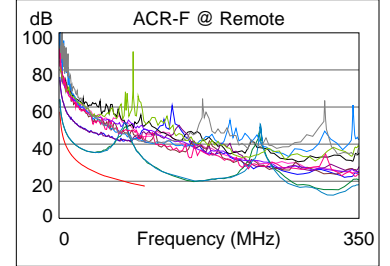
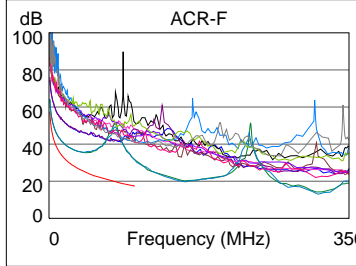
Length (m), Limit 100.0	[Pair 78]	59.8
Prop. Delay (ns), Limit 555		297
Delay Skew (ns), Limit 50		8
Resistance (ohms)	[Pair 12]	10.3
Insertion Loss Margin (dB)	[Pair 36]	11.6
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



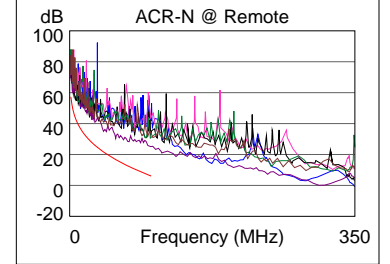
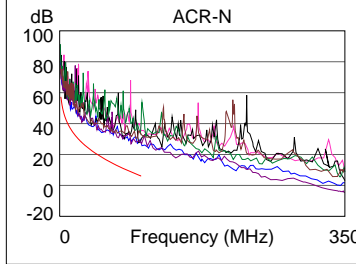
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	6.9	5.2	7.2	6.6
Freq. (MHz)	27.4	65.3	87.5	100.0
Limit (dB)	39.7	33.3	31.1	30.1
Worst Pair	36	45	36	36
PS NEXT (dB)	7.9	7.7	8.0	8.3
Freq. (MHz)	27.6	65.3	87.8	100.0
Limit (dB)	36.6	30.3	28.1	27.1



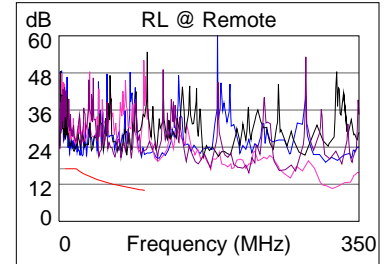
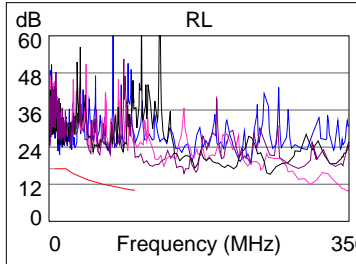
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
ACR-F (dB)	6.2	6.2	14.3	14.3
Freq. (MHz)	1.6	1.3	100.0	99.8
Limit (dB)	53.2	55.5	17.4	17.4
Worst Pair	36	36	36	45
PS ACR-F (dB)	8.9	8.9	16.6	16.7
Freq. (MHz)	1.3	1.6	99.8	99.8
Limit (dB)	52.5	50.2	14.4	14.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	11.7	9.5	18.0	18.2
Freq. (MHz)	1.6	3.4	87.8	100.0
Limit (dB)	56.9	50.7	8.7	6.1
Worst Pair	45	45	12	36
PS ACR-N (dB)	12.9	11.7	21.1	19.9
Freq. (MHz)	1.6	3.5	97.5	100.0
Limit (dB)	53.9	47.3	3.6	3.1



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	78	78
RL (dB)	4.5	4.7	7.3	7.3
Freq. (MHz)	12.4	12.4	46.3	48.5
Limit (dB)	17.0	17.0	13.4	13.2



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



Cable ID: D1-28

Test Summary: PASS

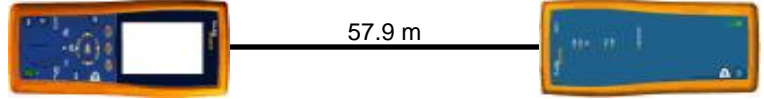
Date / Time: 08/21/2009 10:01:12am
Headroom: 5.6 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

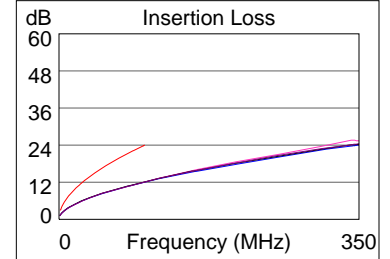
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

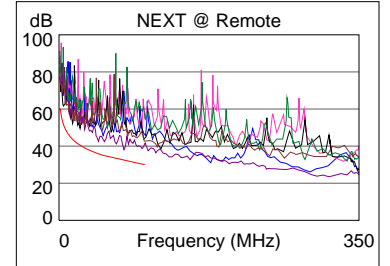
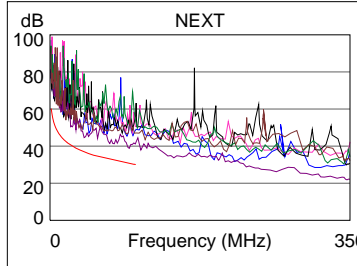
PASS



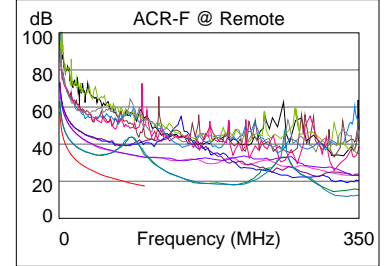
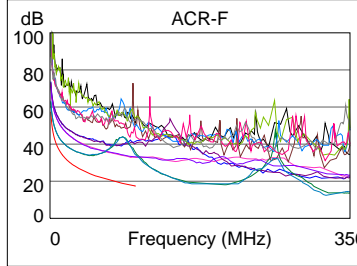
Length (m), Limit 100.0	[Pair 78]	57.9
Prop. Delay (ns), Limit 555		287
Delay Skew (ns), Limit 50		7
Resistance (ohms)	[Pair 12]	10.0
Insertion Loss Margin (dB)	[Pair 36]	11.8
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



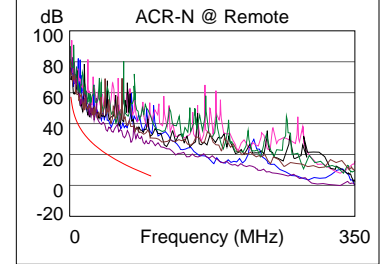
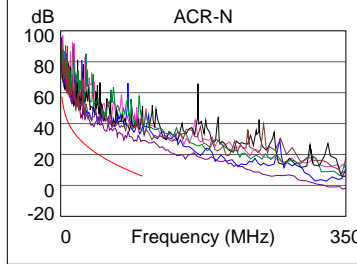
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	7.6	5.6	8.0	5.6
Freq. (MHz)	39.5	75.5	90.3	75.5
Limit (dB)	37.0	32.2	30.8	32.2
Worst Pair	45	45	36	45
PS NEXT (dB)	9.8	8.2	10.2	9.5
Freq. (MHz)	39.5	75.5	90.3	92.3
Limit (dB)	34.0	29.2	27.8	27.7



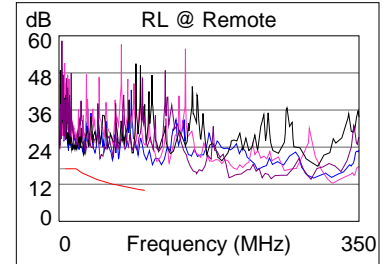
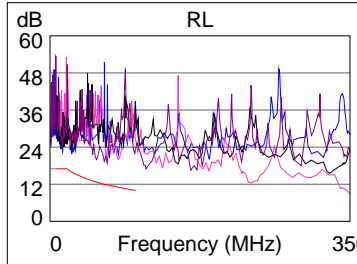
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	45-36	12-45	12-45
ACR-F (dB)	5.2	5.3	14.8	15.4
Freq. (MHz)	1.0	1.0	93.3	97.5
Limit (dB)	57.4	57.4	18.0	17.6
Worst Pair	45	36	45	45
PS ACR-F (dB)	7.7	7.8	16.5	16.1
Freq. (MHz)	1.0	1.0	99.8	99.3
Limit (dB)	54.4	54.4	14.4	14.5



	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)	13.2	11.8	19.5	19.5
Freq. (MHz)	2.0	1.8	92.5	96.3
Limit (dB)	55.3	56.4	7.7	6.8
Worst Pair	78	78	36	45
PS ACR-N (dB)	14.6	13.1	21.5	21.6
Freq. (MHz)	1.8	1.8	90.3	96.3
Limit (dB)	53.4	53.4	5.1	3.8



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	78	12
RL (dB)	5.4	5.3	7.1	7.7
Freq. (MHz)	14.6	10.9	66.5	62.5
Limit (dB)	17.0	17.0	11.8	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: D1-27

Test Summary: PASS

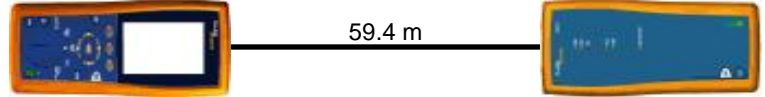
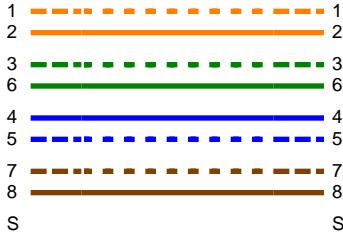
Date / Time: 08/21/2009 10:06:42am
Headroom: 2.9 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

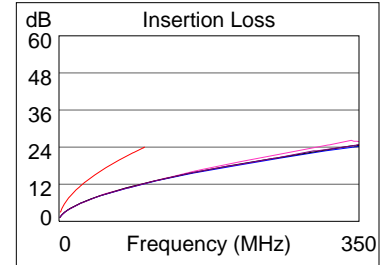
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

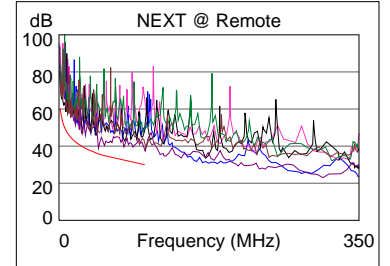
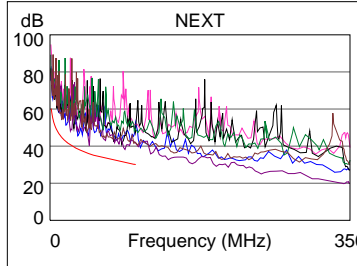
PASS



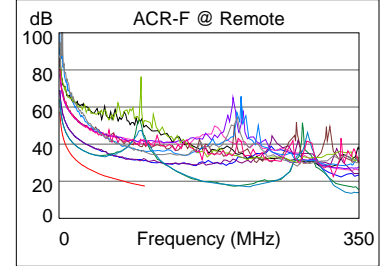
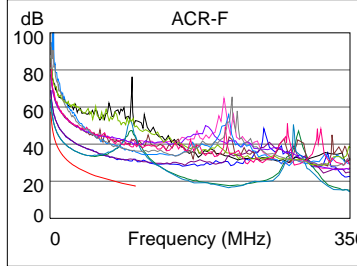
Length (m), Limit 100.0	[Pair 78]	59.4
Prop. Delay (ns), Limit 555		293
Delay Skew (ns), Limit 50		6
Resistance (ohms)	[Pair 12]	10.1
Insertion Loss Margin (dB)	[Pair 36]	11.6
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



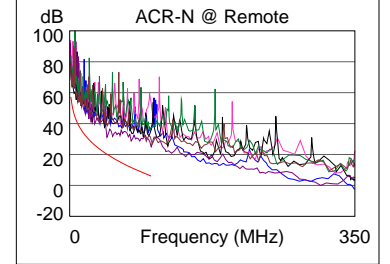
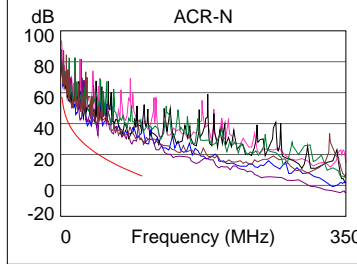
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	4.5	2.9	6.4	7.1
Freq. (MHz)	45.8	46.0	86.5	99.8
Limit (dB)	35.9	35.9	31.2	30.1
Worst Pair	36	45	36	45
PS NEXT (dB)	6.9	5.2	8.7	8.9
Freq. (MHz)	45.8	46.3	86.5	99.8
Limit (dB)	32.9	32.8	28.2	27.1



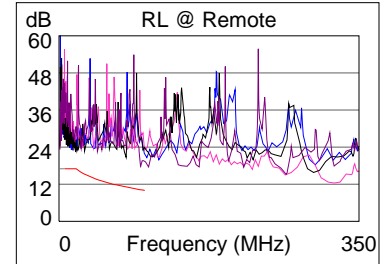
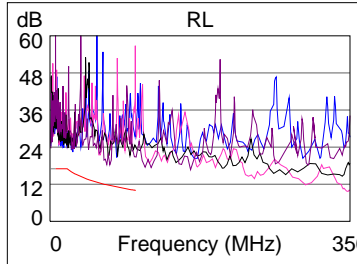
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	12-36	36-12
ACR-F (dB)	6.3	6.3	12.8	13.0
Freq. (MHz)	1.5	1.3	94.5	94.5
Limit (dB)	53.9	55.5	17.9	17.9
Worst Pair	36	36	36	12
PS ACR-F (dB)	8.1	8.0	15.1	15.5
Freq. (MHz)	1.3	1.4	94.5	94.5
Limit (dB)	52.5	51.6	14.9	14.9



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-36	36-45	36-45	36-45
ACR-N (dB)	11.6	10.6	17.3	18.9
Freq. (MHz)	2.5	46.0	86.5	99.8
Limit (dB)	53.4	20.1	9.0	6.1
Worst Pair	12	78	36	45
PS ACR-N (dB)	12.4	11.5	19.5	20.7
Freq. (MHz)	2.8	2.5	86.5	99.8
Limit (dB)	49.5	50.4	6.0	3.1



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	78	36	78	78
RL (dB)	6.5	5.4	6.5	7.5
Freq. (MHz)	66.5	19.5	66.5	95.5
Limit (dB)	11.8	17.0	11.8	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: D1-26

Test Summary: PASS

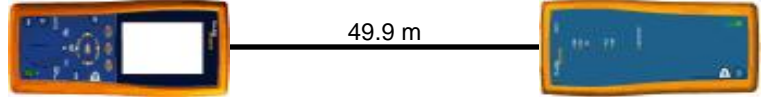
Date / Time: 08/21/2009 09:59:35am
Headroom: 5.7 dB (NEXT 12-36)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

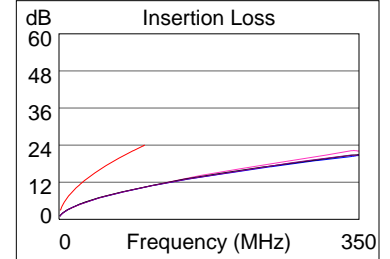
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

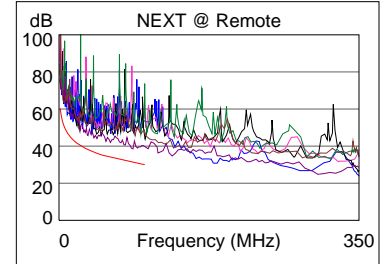
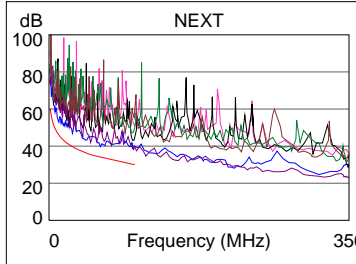
PASS



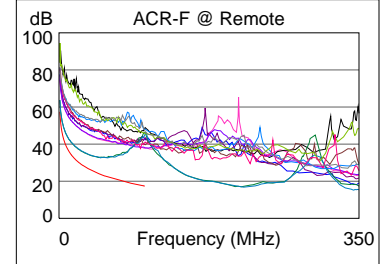
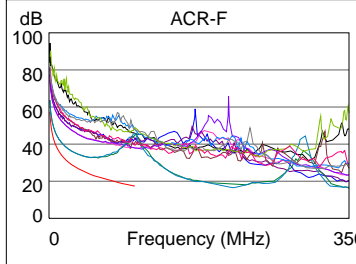
Length (m), Limit 100.0	[Pair 78]	49.9
Prop. Delay (ns), Limit 555		247
Delay Skew (ns), Limit 50		6
Resistance (ohms)	[Pair 12]	8.8
Insertion Loss Margin (dB)	[Pair 36]	13.5
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



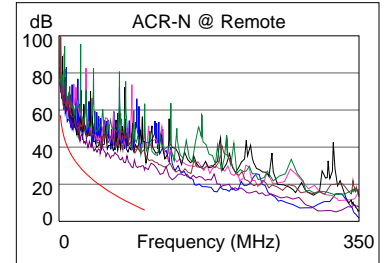
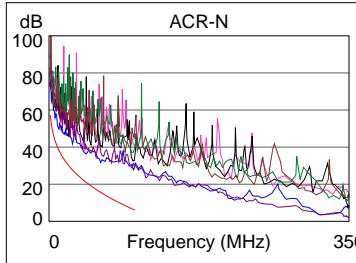
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-36	36-45	12-36	36-45
NEXT (dB)	5.7	6.6	7.9	8.0
Freq. (MHz)	60.3	48.5	99.0	99.8
Limit (dB)	33.9	35.5	30.2	30.1
Worst Pair	36	45	36	45
PS NEXT (dB)	7.5	8.2	8.5	9.8
Freq. (MHz)	59.8	48.5	99.5	90.5
Limit (dB)	30.9	32.5	27.1	27.8



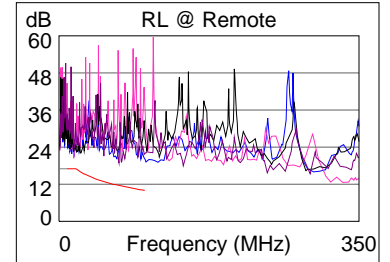
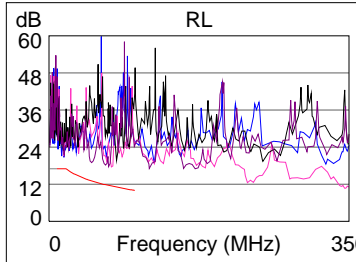
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	5.7	5.8	10.3	10.3
Freq. (MHz)	1.6	1.6	57.3	57.3
Limit (dB)	53.2	53.2	22.2	22.2
Worst Pair	45	36	45	36
PS ACR-F (dB)	8.3	8.4	12.8	12.3
Freq. (MHz)	1.6	1.6	57.3	54.3
Limit (dB)	50.2	50.2	19.2	19.7



	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)	11.3	13.2	21.4	21.6
Freq. (MHz)	10.5	9.8	99.0	99.8
Limit (dB)	39.4	40.2	6.3	6.1
Worst Pair	12	12	36	36
PS ACR-N (dB)	13.6	14.2	22.0	24.2
Freq. (MHz)	11.5	5.4	99.8	99.8
Limit (dB)	35.4	43.3	3.1	3.1



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	36	78	78
RL (dB)	3.6	3.5	4.9	7.3
Freq. (MHz)	17.1	17.1	70.0	70.0
Limit (dB)	17.0	17.0	11.6	11.6



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



Cable ID: D1-25

Test Summary: PASS

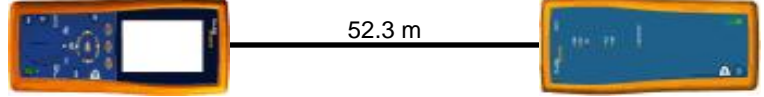
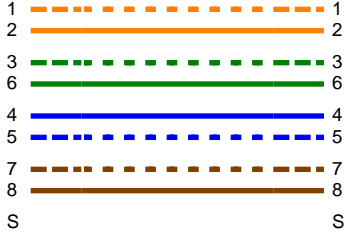
Date / Time: 08/21/2009 09:56:11am
Headroom: 4.4 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

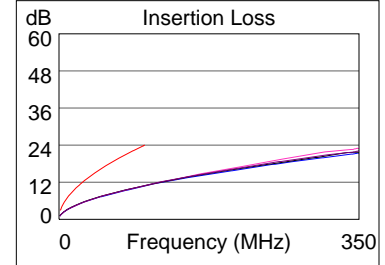
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

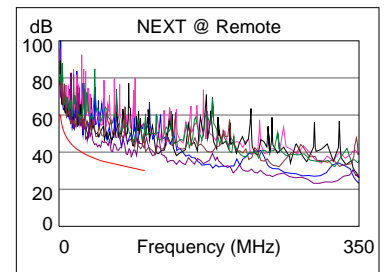
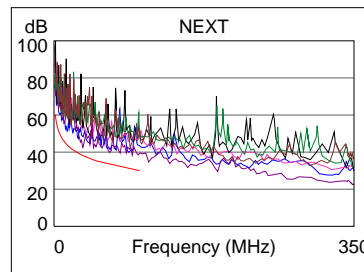
PASS



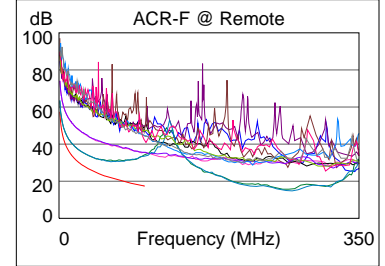
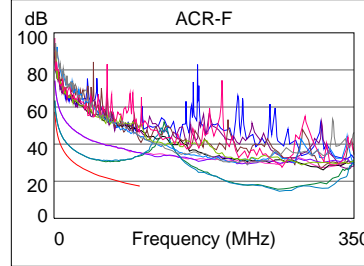
Length (m), Limit 100.0	[Pair 78]	52.3
Prop. Delay (ns), Limit 555		258
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 12]	9.1
Insertion Loss Margin (dB)	[Pair 36]	13.1
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



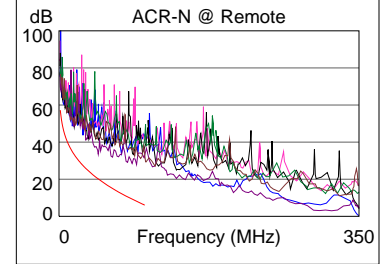
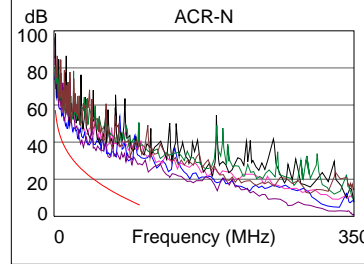
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	4.4	4.7	7.2	6.2
Freq. (MHz)	33.8	46.0	90.8	84.5
Limit (dB)	38.1	35.9	30.8	31.3
Worst Pair	36	45	36	36
PS NEXT (dB)	6.6	7.4	8.2	8.5
Freq. (MHz)	33.8	45.8	90.8	84.5
Limit (dB)	35.1	32.9	27.8	28.3



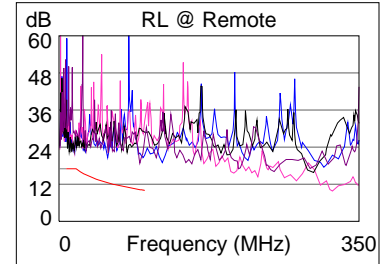
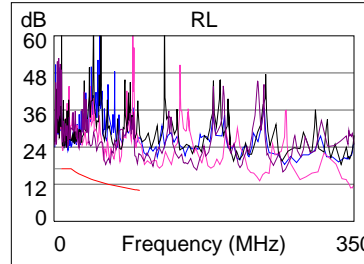
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	5.5	5.5	9.1	9.1
Freq. (MHz)	1.3	1.3	64.8	64.8
Limit (dB)	55.5	55.5	21.2	21.2
Worst Pair	45	45	45	45
PS ACR-F (dB)	8.2	8.2	11.6	13.4
Freq. (MHz)	1.3	1.6	64.8	75.5
Limit (dB)	52.5	50.2	18.2	16.8



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-36	36-45	36-45	36-45
ACR-N (dB)	11.4	12.0	21.1	18.2
Freq. (MHz)	2.9	1.8	98.8	84.5
Limit (dB)	52.1	56.4	6.3	9.4
Worst Pair	36	12	36	45
PS ACR-N (dB)	13.2	13.5	20.7	20.5
Freq. (MHz)	1.6	3.4	90.8	84.5
Limit (dB)	53.9	47.7	5.0	6.4



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	78	36	78	78
RL (dB)	5.5	5.2	5.5	8.5
Freq. (MHz)	64.8	18.1	64.8	94.0
Limit (dB)	11.9	17.0	11.9	10.3



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



Cable ID: D1-24

Test Summary: PASS

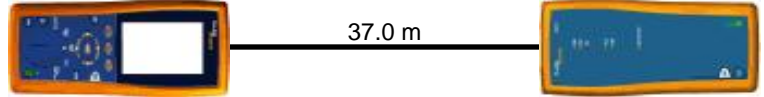
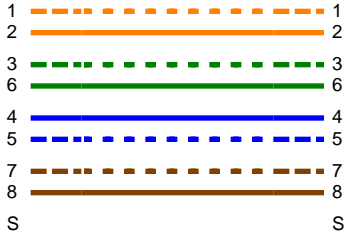
Date / Time: 08/27/2009 12:53:10pm
Headroom: 6.4 dB (NEXT 12-78)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

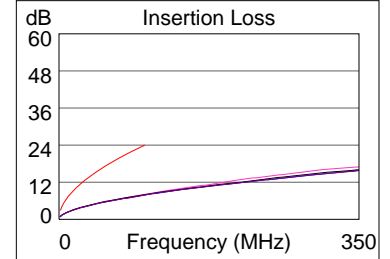
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

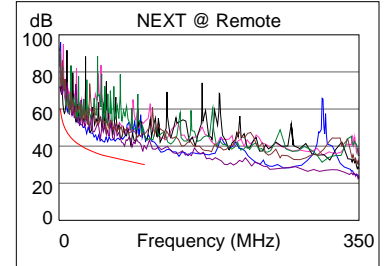
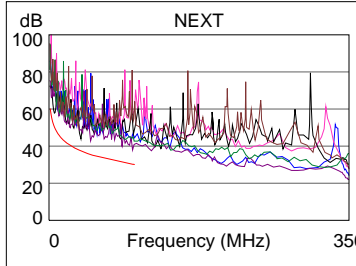
PASS



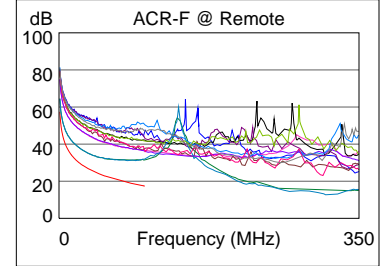
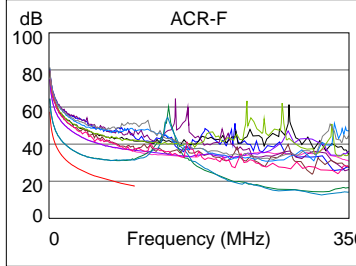
Length (m), Limit 100.0	[Pair 78]	37.0
Prop. Delay (ns), Limit 555		184
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 12]	6.7
Insertion Loss Margin (dB)	[Pair 36]	15.9
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



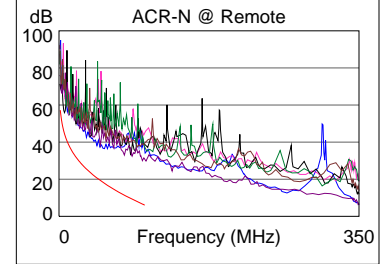
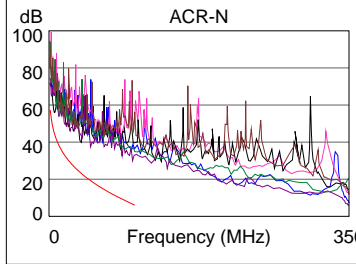
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-36	36-45	36-45
NEXT (dB)	6.4	7.1	7.4	7.1
Freq. (MHz)	37.0	44.3	97.8	97.8
Limit (dB)	37.5	36.1	30.2	30.2
Worst Pair	78	36	36	36
PS NEXT (dB)	8.8	7.9	9.2	9.3
Freq. (MHz)	36.8	48.3	97.8	97.5
Limit (dB)	34.5	32.5	27.2	27.3



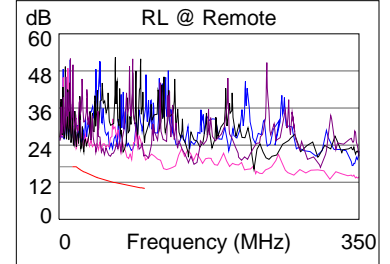
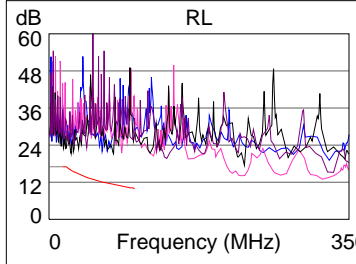
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-F (dB)	7.0	7.0	11.7	11.0
Freq. (MHz)	2.0	2.0	80.5	74.0
Limit (dB)	51.4	51.4	19.3	20.0
Worst Pair	45	45	45	36
PS ACR-F (dB)	9.5	9.5	13.8	14.8
Freq. (MHz)	2.0	2.1	80.5	89.3
Limit (dB)	48.4	47.9	16.3	15.4



	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)	11.1	10.9	23.2	22.9
Freq. (MHz)	6.0	6.0	97.8	97.8
Limit (dB)	45.2	45.2	6.5	6.5
Worst Pair	12	12	36	36
PS ACR-N (dB)	13.5	13.4	24.9	25.0
Freq. (MHz)	6.0	6.0	97.8	97.5
Limit (dB)	42.2	42.2	3.5	3.6



	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	45	36	45	36
RL (dB)	5.3	5.7	9.8	8.6
Freq. (MHz)	25.4	20.1	75.0	84.8
Limit (dB)	16.0	17.0	11.3	10.7



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



Cable ID: D1-23

Test Summary: PASS

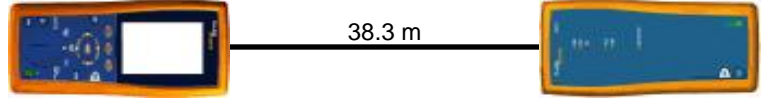
Date / Time: 08/27/2009 12:55:05pm
Headroom: 5.0 dB (NEXT 12-78)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

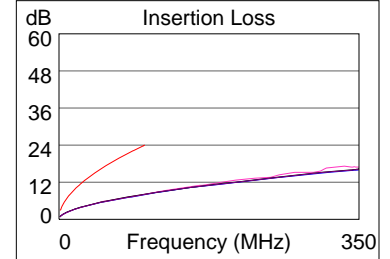
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

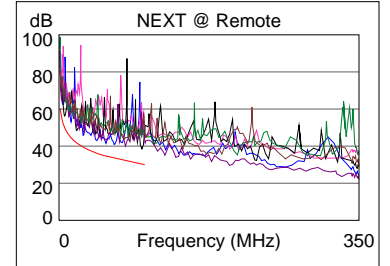
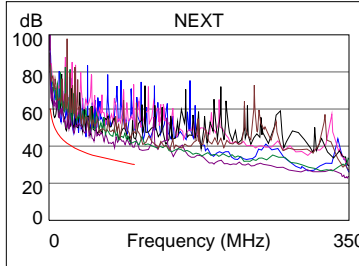
PASS



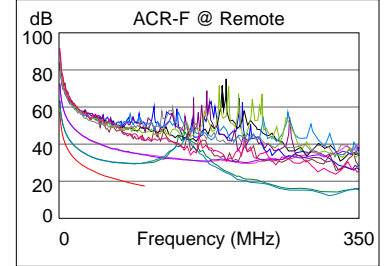
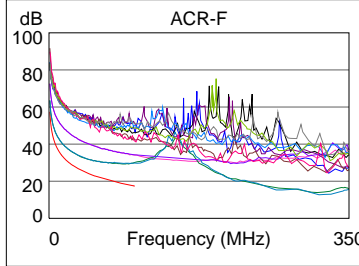
Length (m), Limit 100.0	[Pair 78]	38.3
Prop. Delay (ns), Limit 555		190
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 12]	6.9
Insertion Loss Margin (dB)	[Pair 36]	15.8
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



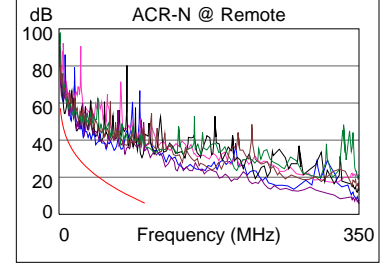
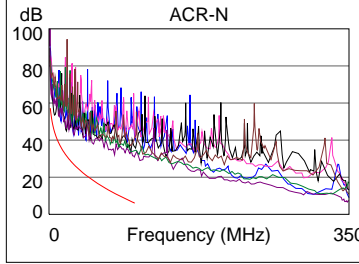
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-78	12-36	36-45	12-78
NEXT (dB)	5.0	5.3	8.6	7.8
Freq. (MHz)	6.1	43.3	100.0	96.3
Limit (dB)	50.5	36.3	30.1	30.4
Worst Pair	12	12	36	78
PS NEXT (dB)	7.3	7.1	9.8	9.8
Freq. (MHz)	5.8	43.3	100.0	96.0
Limit (dB)	48.0	33.3	27.1	27.4



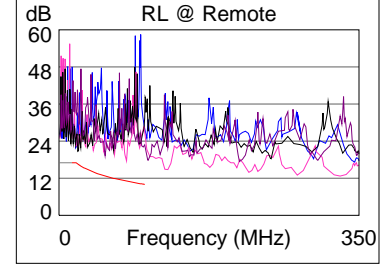
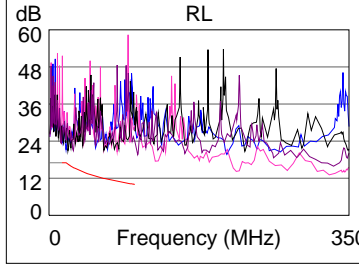
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	6.0	5.9	10.5	10.5
Freq. (MHz)	1.1	1.6	86.0	85.5
Limit (dB)	56.4	53.2	18.7	18.8
Worst Pair	45	45	45	45
PS ACR-F (dB)	8.5	8.5	12.7	13.4
Freq. (MHz)	1.1	1.6	89.5	93.8
Limit (dB)	53.4	50.2	15.4	15.0



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-78	12-78	36-45	12-78
ACR-N (dB)	8.7	9.5	24.4	23.6
Freq. (MHz)	6.1	6.3	100.0	96.3
Limit (dB)	45.0	44.8	6.1	6.8
Worst Pair	12	12	36	78
PS ACR-N (dB)	10.9	12.0	25.6	25.5
Freq. (MHz)	5.6	5.6	100.0	96.0
Limit (dB)	42.8	42.8	3.1	3.9



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	45	36	36
RL (dB)	4.2	3.6	9.1	6.4
Freq. (MHz)	19.8	22.1	79.0	78.5
Limit (dB)	17.0	16.6	11.0	11.1



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



Cable ID: D1-21

Test Summary: PASS

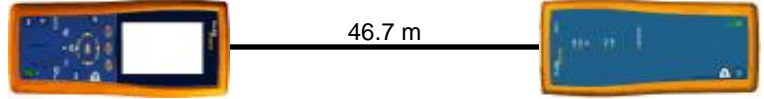
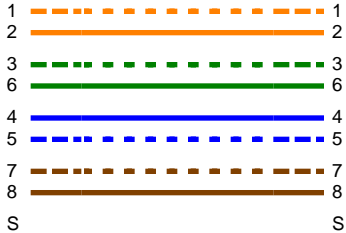
Date / Time: 08/21/2009 10:16:44am
Headroom: 5.9 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

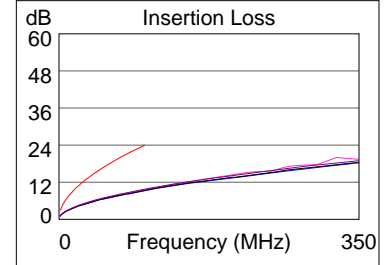
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

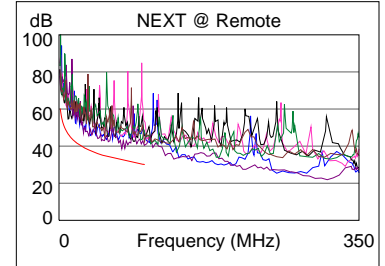
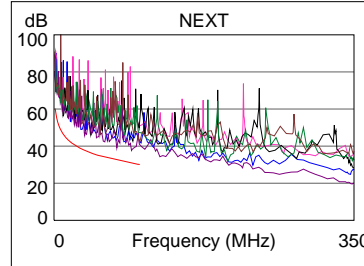
PASS



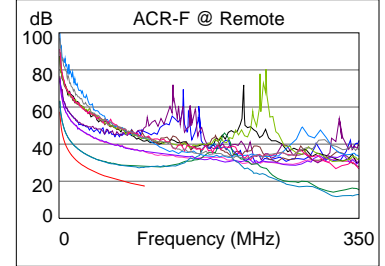
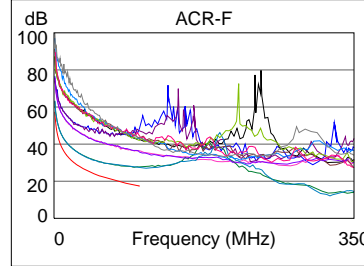
Length (m), Limit 100.0	[Pair 12]	46.7
Prop. Delay (ns), Limit 555		233
Delay Skew (ns), Limit 50		7
Resistance (ohms)	[Pair 12]	8.6
Insertion Loss Margin (dB)	[Pair 78]	14.3
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



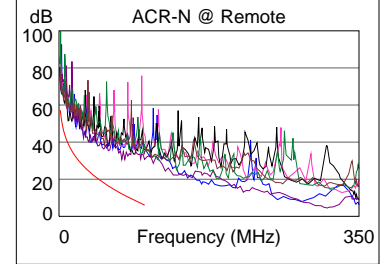
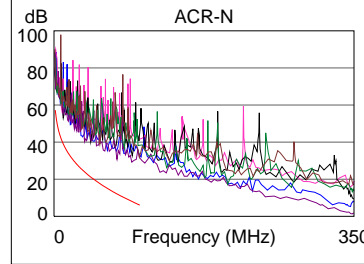
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	6.2	5.9	6.9	5.9
Freq. (MHz)	73.5	73.5	90.5	73.5
Limit (dB)	32.4	32.4	30.8	32.4
Worst Pair	36	45	36	45
PS NEXT (dB)	8.4	7.7	9.4	7.7
Freq. (MHz)	73.5	73.5	90.5	73.5
Limit (dB)	29.4	29.4	27.8	29.4



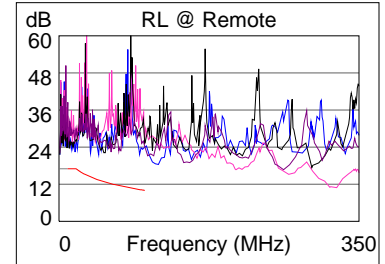
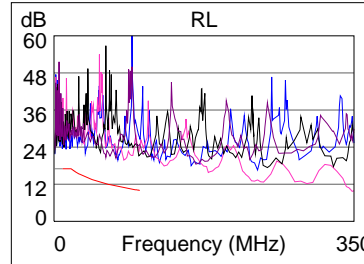
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	45-36	45-36	36-45
ACR-F (dB)	5.7	5.7	9.3	9.6
Freq. (MHz)	1.0	1.0	99.3	99.0
Limit (dB)	57.4	57.4	17.5	17.5
Worst Pair	45	36	36	45
PS ACR-F (dB)	8.4	8.4	12.2	11.7
Freq. (MHz)	1.0	1.0	99.3	99.3
Limit (dB)	54.4	54.4	14.5	14.5



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	12-78	36-45	36-45
ACR-N (dB)	13.2	12.1	20.8	18.8
Freq. (MHz)	1.9	10.8	90.5	76.3
Limit (dB)	55.8	39.1	8.1	11.4
Worst Pair	36	78	36	45
PS ACR-N (dB)	14.5	13.6	23.9	25.2
Freq. (MHz)	1.6	2.9	95.3	100.0
Limit (dB)	53.9	49.1	4.1	3.1



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	36	45
RL (dB)	6.2	5.4	8.7	8.0
Freq. (MHz)	18.8	18.8	81.8	49.5
Limit (dB)	17.0	17.0	10.9	13.1



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



Cable ID: D1-20

Test Summary: PASS

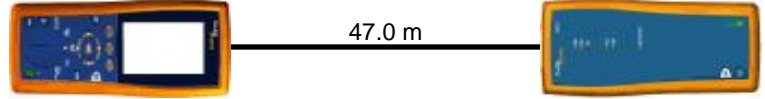
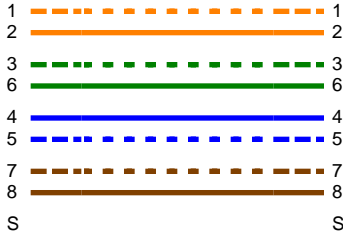
Date / Time: 08/21/2009 10:18:10am
Headroom: 5.8 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

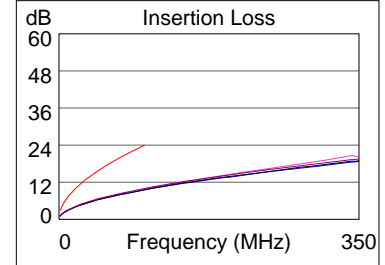
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

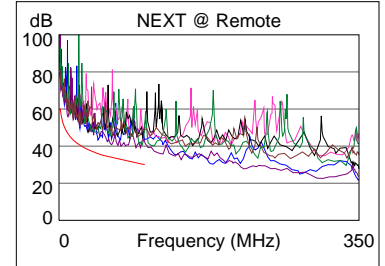
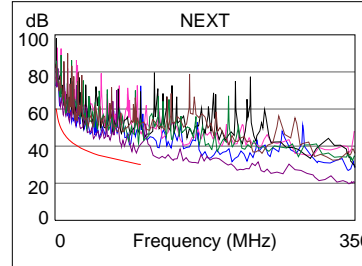
PASS



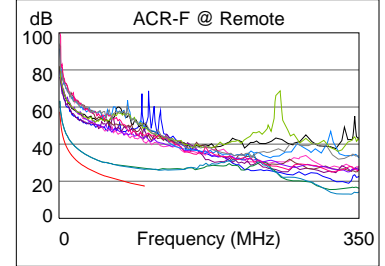
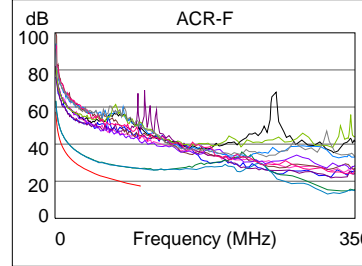
Length (m), Limit 100.0	[Pair 12]	47.0
Prop. Delay (ns), Limit 555		234
Delay Skew (ns), Limit 50		7
Resistance (ohms)	[Pair 36]	8.4
Insertion Loss Margin (dB)	[Pair 78]	14.0
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



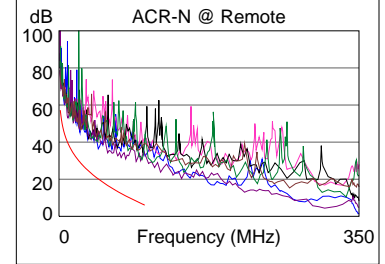
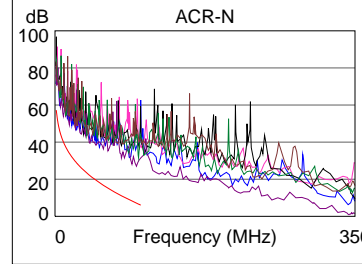
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	5.8	6.4	5.8	6.4
Freq. (MHz)	95.0	78.3	95.0	78.3
Limit (dB)	30.5	31.9	30.5	31.9
Worst Pair	36	36	36	36
PS NEXT (dB)	8.4	7.8	8.4	9.5
Freq. (MHz)	45.5	45.3	95.0	95.0
Limit (dB)	32.9	33.0	27.5	27.5



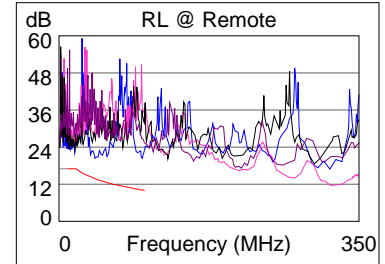
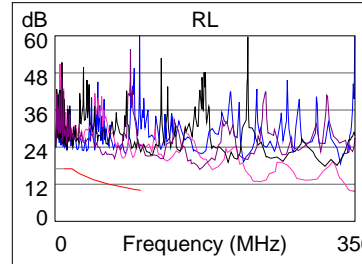
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	5.8	5.8	8.6	8.9
Freq. (MHz)	1.0	1.0	98.8	100.0
Limit (dB)	57.4	57.4	17.5	17.4
Worst Pair	36	45	36	45
PS ACR-F (dB)	8.6	8.7	11.5	11.5
Freq. (MHz)	1.0	1.0	98.8	98.8
Limit (dB)	54.4	54.4	14.5	14.5



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-36	36-45	36-45	36-45
ACR-N (dB)	13.3	13.2	19.9	21.3
Freq. (MHz)	5.5	10.0	95.0	90.3
Limit (dB)	46.0	39.9	7.1	8.1
Worst Pair	36	45	36	36
PS ACR-N (dB)	13.3	14.4	22.3	23.8
Freq. (MHz)	5.6	1.9	95.0	97.3
Limit (dB)	42.8	52.8	4.1	3.6



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	36	12
RL (dB)	6.0	4.9	8.8	5.8
Freq. (MHz)	11.8	18.5	79.3	46.3
Limit (dB)	17.0	17.0	11.0	13.4



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

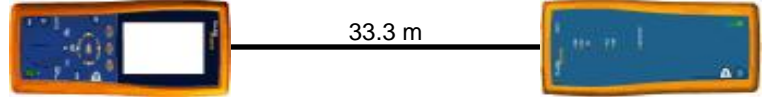
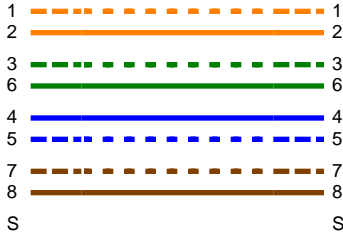
Date / Time: 08/27/2009 12:29:02pm
Headroom: 6.3 dB (NEXT 12-36)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

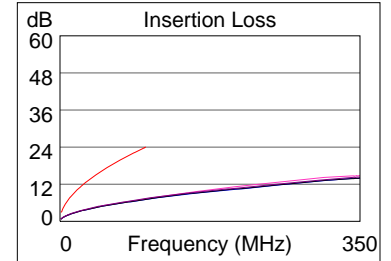
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

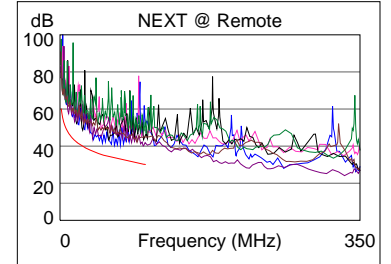
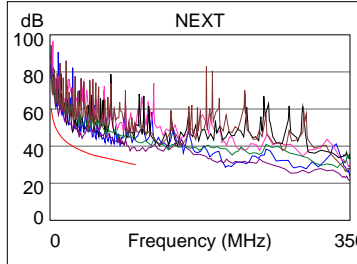
PASS



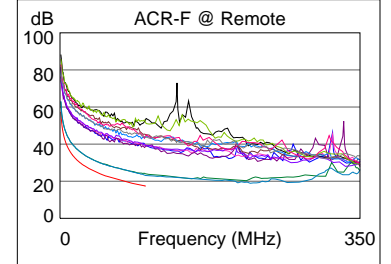
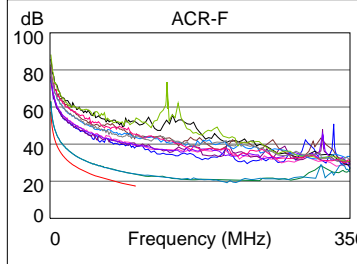
Length (m), Limit 100.0	[Pair 12]	33.3
Prop. Delay (ns), Limit 555		164
Delay Skew (ns), Limit 50		3
Resistance (ohms)	[Pair 78]	6.2
Insertion Loss Margin (dB)	[Pair 36]	16.7
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



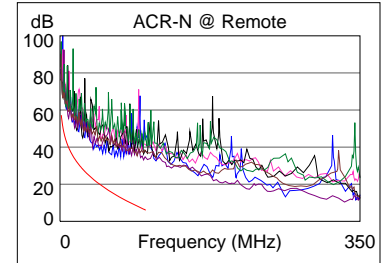
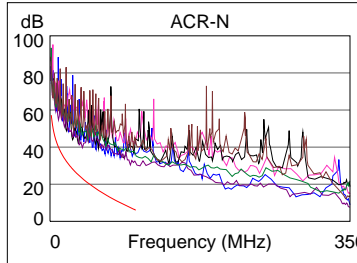
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	12-36	36-45	36-45
NEXT (dB)	6.6	6.3	6.7	9.8
Freq. (MHz)	37.8	49.5	94.0	100.0
Limit (dB)	37.3	35.3	30.5	30.1
Worst Pair	36	36	36	45
PS NEXT (dB)	8.4	6.9	8.4	10.9
Freq. (MHz)	37.8	38.5	94.3	100.0
Limit (dB)	34.3	34.2	27.5	27.1



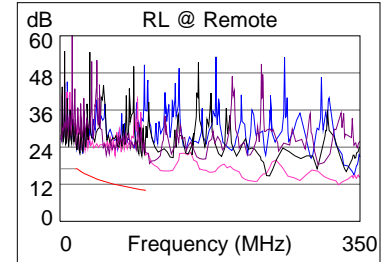
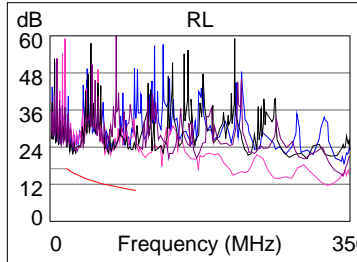
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	5.0	4.9	5.9	5.7
Freq. (MHz)	1.6	1.1	99.8	99.8
Limit (dB)	53.2	56.4	17.4	17.4
Worst Pair	45	36	45	36
PS ACR-F (dB)	7.8	7.9	8.8	8.8
Freq. (MHz)	1.8	1.6	99.8	99.8
Limit (dB)	49.5	50.2	14.4	14.4



	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)	14.2	15.2	23.0	26.7
Freq. (MHz)	3.0	3.0	94.0	100.0
Limit (dB)	51.7	51.7	7.3	6.1
Worst Pair	36	78	36	45
PS ACR-N (dB)	15.2	15.0	24.6	27.8
Freq. (MHz)	3.0	3.1	94.3	100.0
Limit (dB)	48.7	48.4	4.3	3.1



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45	45	45	45
RL (dB)	5.9	5.4	8.6	10.3
Freq. (MHz)	26.5	22.9	67.8	95.0
Limit (dB)	15.8	16.4	11.7	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: D1-18

Test Summary: PASS

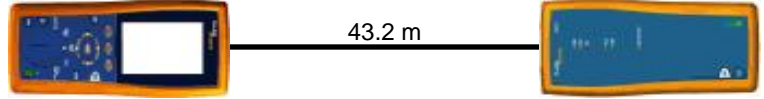
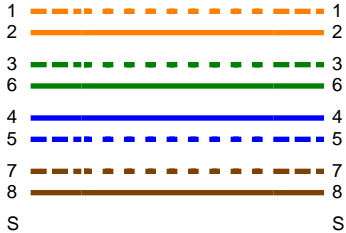
Date / Time: 08/24/2009 11:19:42am
Headroom: 4.2 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

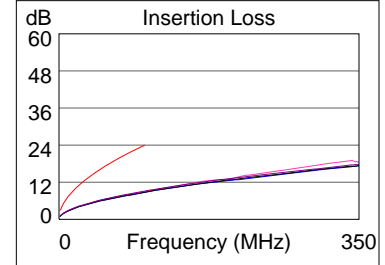
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

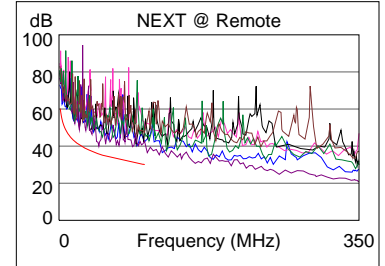
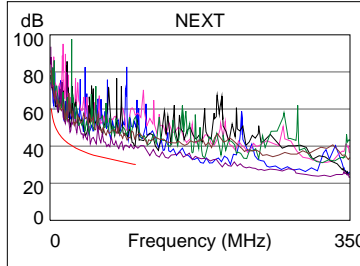
PASS



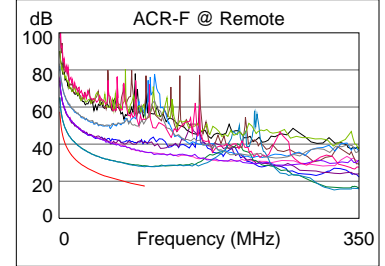
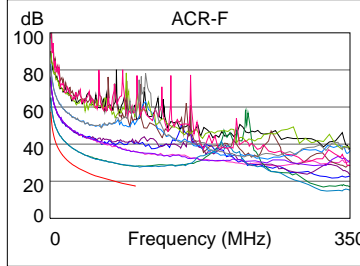
Length (m), Limit 100.0	[Pair 12]	43.2
Prop. Delay (ns), Limit 555		215
Delay Skew (ns), Limit 50		6
Resistance (ohms)	[Pair 12]	8.0
Insertion Loss Margin (dB)	[Pair 78]	14.9
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



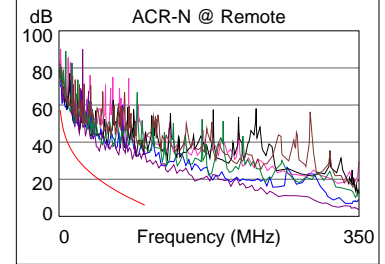
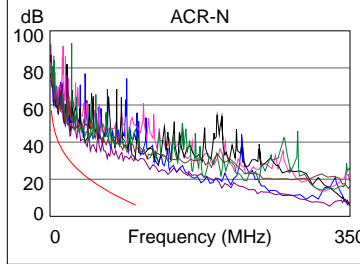
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	4.9	4.2	6.5	7.7
Freq. (MHz)	46.5	46.5	85.3	85.3
Limit (dB)	35.8	35.8	31.3	31.3
Worst Pair	36	36	45	36
PS NEXT (dB)	6.7	6.2	8.5	10.2
Freq. (MHz)	46.5	46.5	85.3	92.8
Limit (dB)	32.8	32.8	28.3	27.6



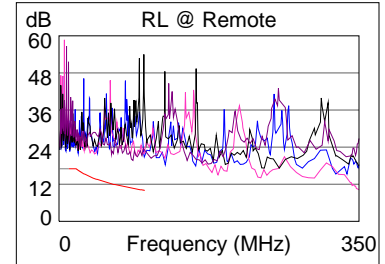
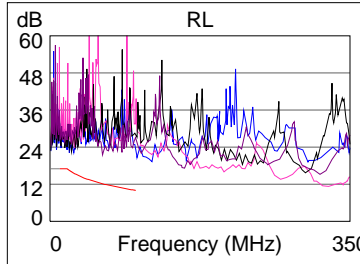
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	7.4	7.4	10.4	10.1
Freq. (MHz)	1.0	1.9	98.8	98.8
Limit (dB)	57.4	51.9	17.5	17.5
Worst Pair	45	36	45	45
PS ACR-F (dB)	9.6	10.0	12.8	12.9
Freq. (MHz)	1.0	2.0	99.8	99.5
Limit (dB)	54.4	48.4	14.4	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	36-45	36-45
ACR-N (dB)	11.3	10.6	22.9	23.8
Freq. (MHz)	3.8	3.8	98.3	95.5
Limit (dB)	49.7	49.7	6.4	7.0
Worst Pair	12	36	45	36
PS ACR-N (dB)	13.0	12.8	25.1	24.6
Freq. (MHz)	1.6	4.0	98.3	92.8
Limit (dB)	53.9	46.1	3.4	4.6



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	12	78	78
RL (dB)	5.7	5.4	9.1	8.3
Freq. (MHz)	22.5	22.5	61.0	83.8
Limit (dB)	16.5	16.5	12.2	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: D1-17

Test Summary: FAIL

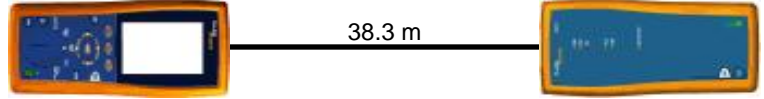
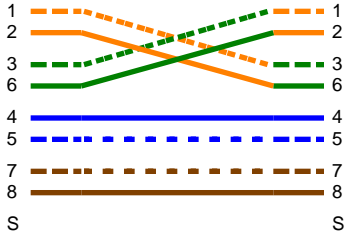
Date / Time: 08/21/2009 09:47:24am
 Headroom: 7.0 dB (NEXT 12-78)
 Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

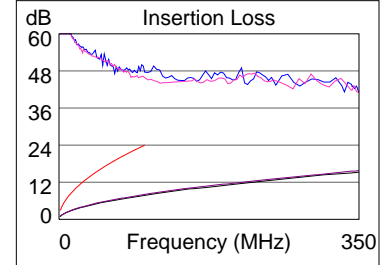
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

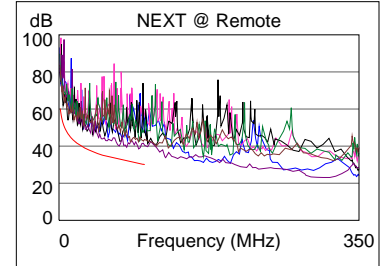
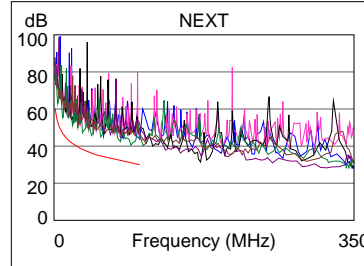
FAIL



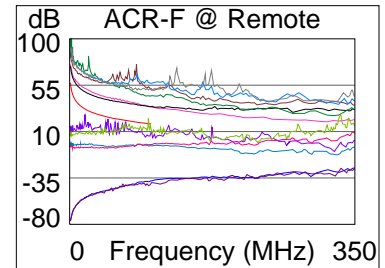
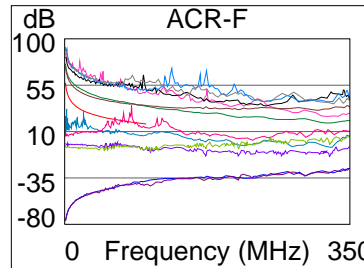
Length (m), Limit 100.0	[Pair 36]	38.3
Prop. Delay (ns), Limit 555		190
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 78]	7.2
Insertion Loss Margin (dB)	[Pair 36]	-75.2 F
Frequency (MHz)	[Pair 36]	1.1
Limit (dB)	[Pair 36]	3.0



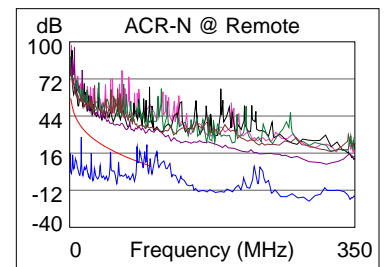
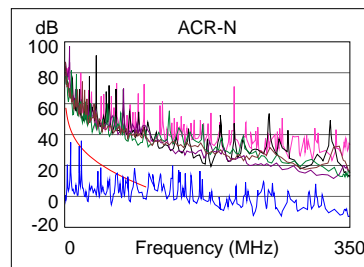
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-78	12-78	36-78	36-45
NEXT (dB)	8.0	7.0	9.5	7.7
Freq. (MHz)	10.1	10.4	89.5	93.5
Limit (dB)	46.9	46.7	30.9	30.6
Worst Pair	36	36	78	36
PS NEXT (dB)	10.2	8.9	11.2	9.3
Freq. (MHz)	27.8	78.3	89.3	93.8
Limit (dB)	36.6	28.9	27.9	27.6



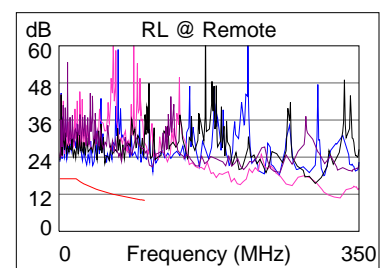
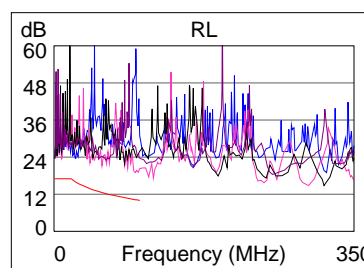
	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	36-12	36-12	12-36	12-36
ACR-F (dB)	-134.2 F	-134.2 F	-133.7	-133.8
Freq. (MHz)	1.0	1.0	1.1	1.1
Limit (dB)	57.4	57.4	56.4	56.4
Worst Pair	12	36	36	12
PS ACR-F (dB)	-131.2 F	-131.2 F	-130.7	-130.7
Freq. (MHz)	1.0	1.0	1.1	1.1
Limit (dB)	54.4	54.4	53.4	53.4



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-36	12-36	12-36	12-36
ACR-N (dB)	-59.7	-57.1	-22.2	-23.5
Freq. (MHz)	1.4	1.4	57.8	57.8
Limit (dB)	57.0	57.0	16.3	16.3
Worst Pair	36	36	12	36
PS ACR-N (dB)	-60.2	-56.7	-22.2	-24.0
Freq. (MHz)	1.4	1.4	57.8	58.0
Limit (dB)	54.0	54.0	13.3	13.3



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36	12	36	12
RL (dB)	5.4	4.5	8.5	6.3
Freq. (MHz)	1.3	1.3	95.3	38.8
Limit (dB)	17.0	17.0	10.2	14.1





Cable ID: D1-16

Test Summary: PASS

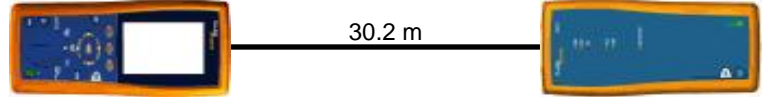
Date / Time: 08/21/2009 09:44:12am
Headroom: 6.2 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

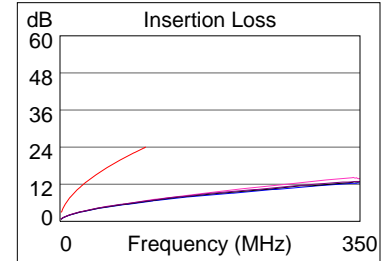
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

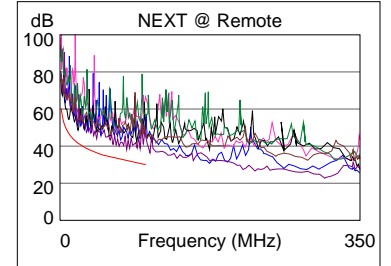
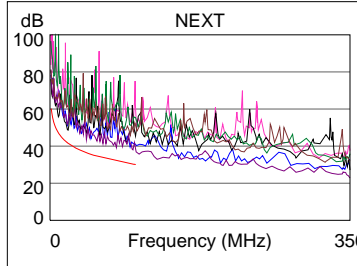
PASS



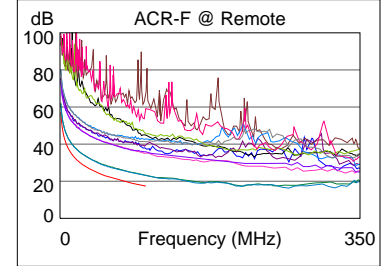
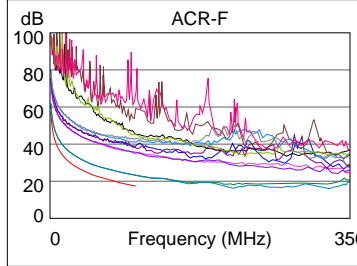
Length (m), Limit 100.0	[Pair 12]	30.2
Prop. Delay (ns), Limit 555		149
Delay Skew (ns), Limit 50		3
Resistance (ohms)	[Pair 12]	5.6
Insertion Loss Margin (dB)	[Pair 36]	17.4
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



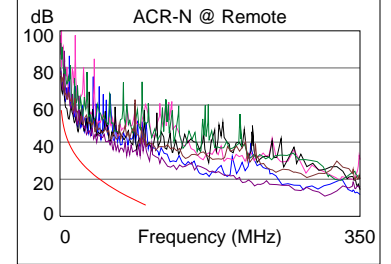
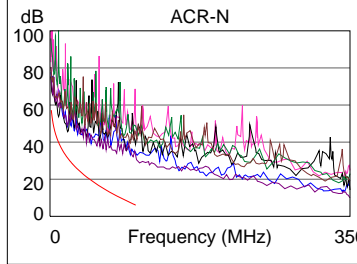
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-78	36-45	36-45	36-45
NEXT (dB)	6.7	6.2	7.4	6.2
Freq. (MHz)	20.5	77.8	100.0	77.8
Limit (dB)	41.8	32.0	30.1	32.0
Worst Pair	12	12	36	36
PS NEXT (dB)	7.8	8.0	9.0	10.0
Freq. (MHz)	20.4	20.6	100.0	93.3
Limit (dB)	38.8	38.7	27.1	27.6



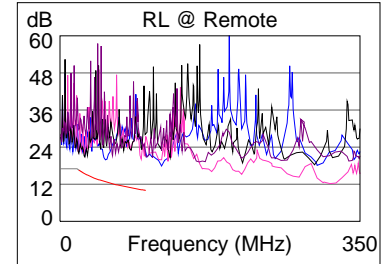
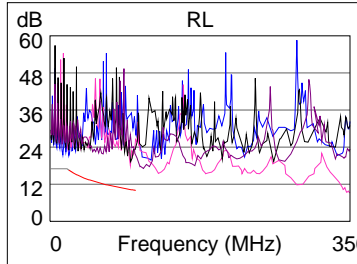
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	45-36	45-36	45-36
ACR-F (dB)	4.2	4.2	5.4	5.3
Freq. (MHz)	1.0	1.0	99.5	99.5
Limit (dB)	57.4	57.4	17.4	17.4
Worst Pair	45	36	36	45
PS ACR-F (dB)	6.8	7.0	8.3	8.1
Freq. (MHz)	1.0	1.0	99.5	99.5
Limit (dB)	54.4	54.4	14.4	14.4



	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)	11.9	12.3	25.0	24.2
Freq. (MHz)	1.8	2.1	100.0	89.5
Limit (dB)	56.4	54.8	6.1	8.3
Worst Pair	12	78	36	36
PS ACR-N (dB)	13.7	13.9	26.4	26.7
Freq. (MHz)	1.8	1.8	100.0	93.3
Limit (dB)	53.4	53.4	3.1	4.5



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	45	36	36
RL (dB)	6.5	5.3	7.7	9.3
Freq. (MHz)	25.8	28.5	93.8	94.3
Limit (dB)	15.9	15.5	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: D1-15

Test Summary: PASS

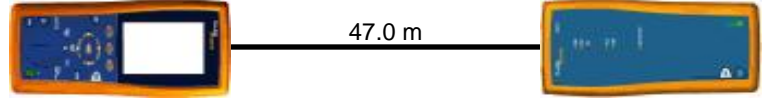
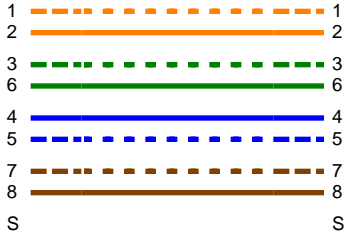
Date / Time: 08/21/2009 09:48:38am
Headroom: 4.8 dB (NEXT 12-78)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

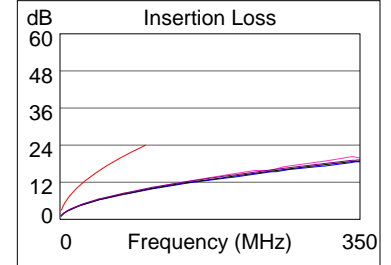
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

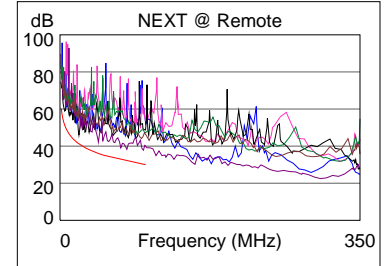
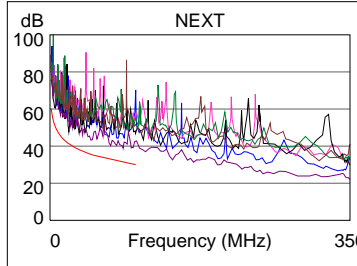
PASS



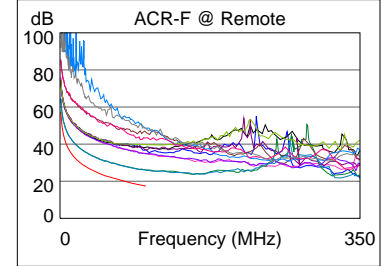
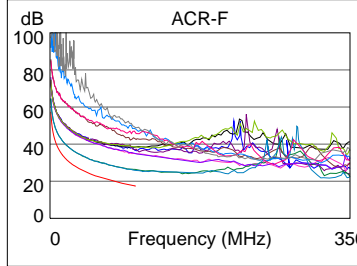
Length (m), Limit 100.0	[Pair 12]	47.0
Prop. Delay (ns), Limit 555		232
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 78]	8.5
Insertion Loss Margin (dB)	[Pair 78]	14.1
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



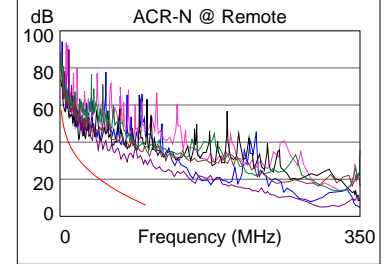
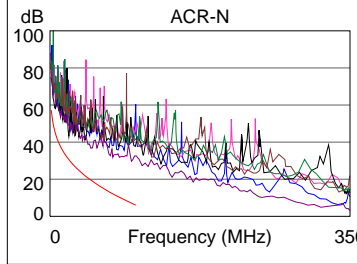
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-78	12-78	36-45	36-45
NEXT (dB)	6.4	4.8	8.4	7.3
Freq. (MHz)	22.0	22.0	97.5	97.5
Limit (dB)	41.3	41.3	30.3	30.3
Worst Pair	12	12	36	45
PS NEXT (dB)	8.8	7.0	9.1	9.6
Freq. (MHz)	22.0	21.9	78.3	97.5
Limit (dB)	38.3	38.3	28.9	27.3



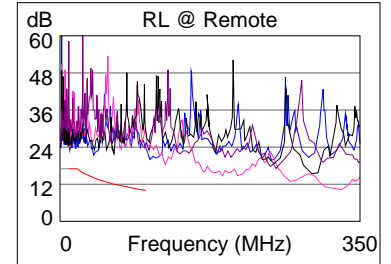
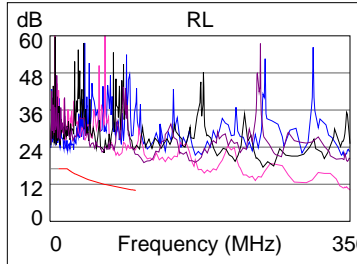
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	45-36	45-36
ACR-F (dB)	6.7	6.7	8.3	8.5
Freq. (MHz)	1.6	1.8	98.0	99.8
Limit (dB)	53.2	52.5	17.6	17.4
Worst Pair	36	36	36	45
PS ACR-F (dB)	9.3	9.2	11.0	10.8
Freq. (MHz)	1.5	1.6	99.3	98.0
Limit (dB)	50.9	50.2	14.5	14.6



	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)	12.3	10.7	22.7	21.6
Freq. (MHz)	5.4	4.0	97.5	97.5
Limit (dB)	46.3	49.1	6.6	6.6
Worst Pair	78	78	36	45
PS ACR-N (dB)	14.2	12.3	25.3	23.9
Freq. (MHz)	5.6	5.3	97.3	97.5
Limit (dB)	42.8	43.5	3.6	3.6



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	36	12
RL (dB)	5.9	5.7	9.6	7.4
Freq. (MHz)	20.6	11.6	79.8	41.8
Limit (dB)	16.9	17.0	11.0	13.8



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: D1-14

Test Summary: PASS

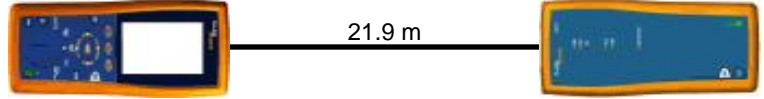
Date / Time: 08/21/2009 09:50:13am
 Headroom: 4.6 dB (NEXT 12-36)
 Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

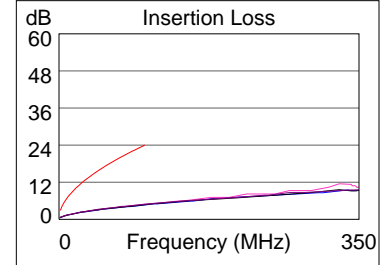
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

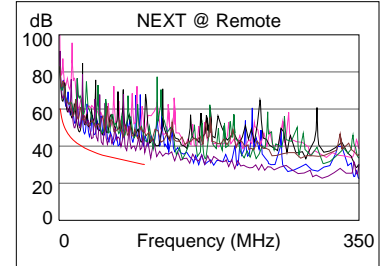
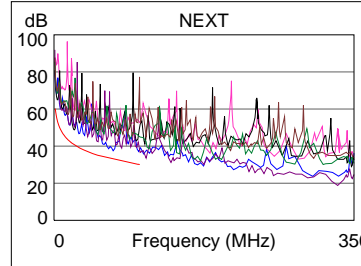
PASS



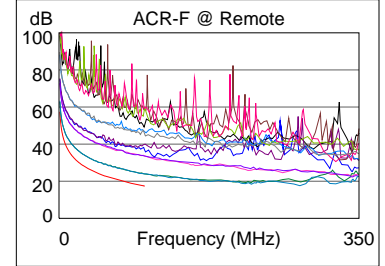
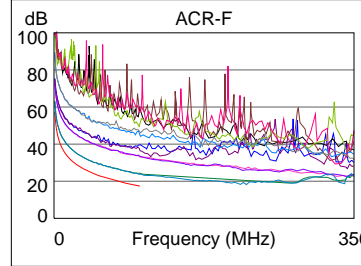
Length (m), Limit 100.0	[Pair 12]	21.9
Prop. Delay (ns), Limit 555		108
Delay Skew (ns), Limit 50		2
Resistance (ohms)	[Pair 12]	4.4
Insertion Loss Margin (dB)	[Pair 36]	19.1
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



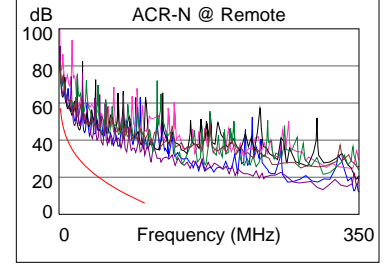
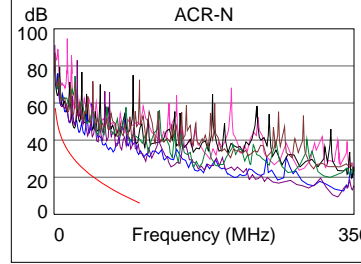
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-36	36-45	12-36	36-45
NEXT (dB)	4.6	5.3	6.9	6.4
Freq. (MHz)	69.0	50.5	98.5	100.0
Limit (dB)	32.9	35.2	30.2	30.1
Worst Pair	36	36	36	36
PS NEXT (dB)	6.9	6.8	7.3	7.9
Freq. (MHz)	62.8	50.5	100.0	100.0
Limit (dB)	30.6	32.2	27.1	27.1



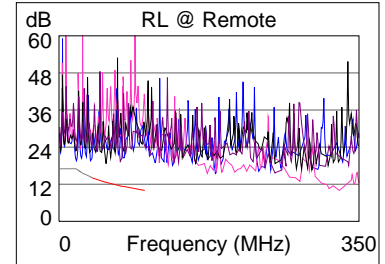
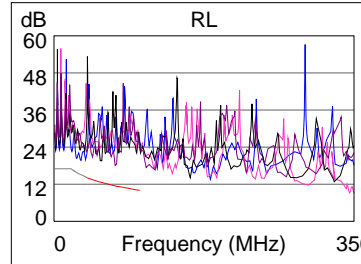
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	45-36	36-45
ACR-F (dB)	5.3	5.3	6.1	6.4
Freq. (MHz)	1.1	1.0	99.8	99.5
Limit (dB)	56.4	57.4	17.4	17.4
Worst Pair	45	45	36	45
PS ACR-F (dB)	7.9	7.9	9.0	8.7
Freq. (MHz)	1.1	1.1	99.8	99.8
Limit (dB)	53.4	53.4	14.4	14.4



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-78	12-78	12-36	36-45
ACR-N (dB)	13.8	13.8	25.9	25.8
Freq. (MHz)	3.1	3.6	98.5	100.0
Limit (dB)	51.4	50.0	6.4	6.1
Worst Pair	12	78	36	36
PS ACR-N (dB)	14.2	14.7	26.4	27.0
Freq. (MHz)	2.4	2.6	100.0	100.0
Limit (dB)	50.8	49.9	3.1	3.1



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	78	45	78	45
RL (dB)	6.1	6.1	6.1	6.1
Freq. (MHz)	71.8	54.8	72.0	54.8
Limit (dB)	11.5	12.6	11.4	12.6



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



Cable ID: D1-13

Test Summary: PASS

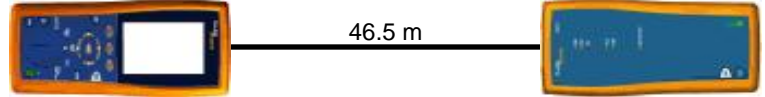
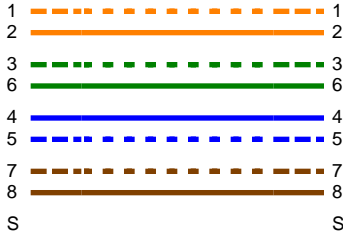
Date / Time: 08/21/2009 10:56:26am
Headroom: 4.1 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

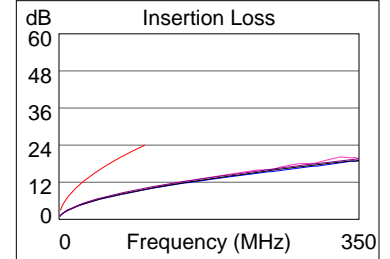
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

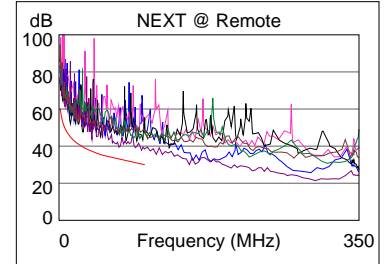
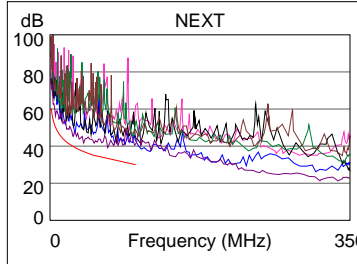
PASS



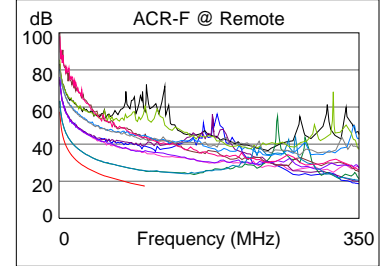
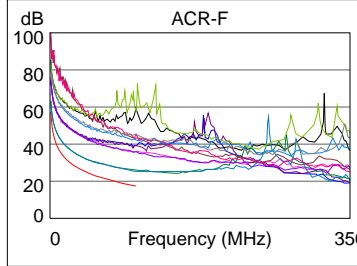
Length (m), Limit 100.0	[Pair 12]	46.5
Prop. Delay (ns), Limit 555		229
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	8.4
Insertion Loss Margin (dB)	[Pair 78]	14.0
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



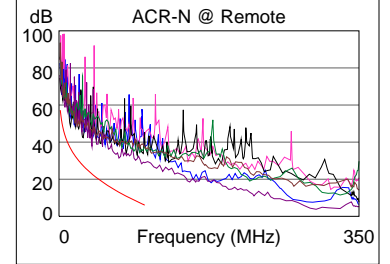
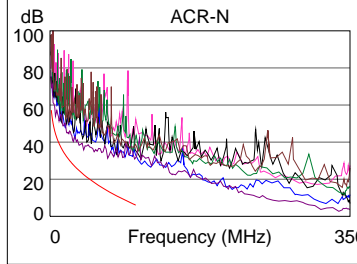
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	4.1	5.6	6.1	7.4
Freq. (MHz)	38.8	67.3	67.5	96.3
Limit (dB)	37.1	33.0	33.0	30.4
Worst Pair	36	36	36	36
PS NEXT (dB)	6.5	7.8	8.5	9.6
Freq. (MHz)	38.8	67.3	75.0	96.5
Limit (dB)	34.1	30.0	29.2	27.3



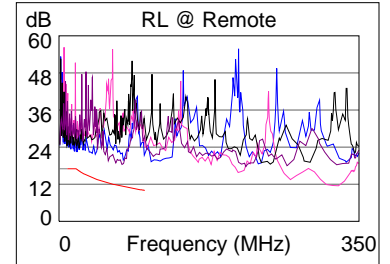
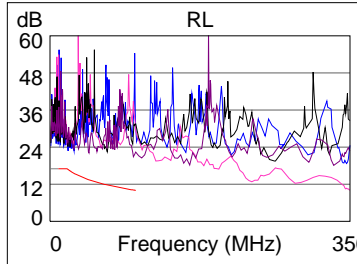
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	5.8	5.8	7.9	8.0
Freq. (MHz)	1.0	1.0	99.5	100.0
Limit (dB)	57.4	57.4	17.4	17.4
Worst Pair	36	45	36	45
PS ACR-F (dB)	8.5	8.4	10.6	10.4
Freq. (MHz)	1.0	1.0	99.0	99.5
Limit (dB)	54.4	54.4	14.5	14.4



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	12-78	36-45	36-45
ACR-N (dB)	9.4	11.7	24.6	21.9
Freq. (MHz)	6.4	13.1	98.8	99.0
Limit (dB)	44.6	36.9	6.3	6.3
Worst Pair	36	12	36	36
PS ACR-N (dB)	12.1	13.6	24.6	23.5
Freq. (MHz)	6.1	13.1	96.5	96.5
Limit (dB)	42.0	33.9	3.8	3.8



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	78	78
RL (dB)	5.8	5.6	10.7	7.0
Freq. (MHz)	20.9	18.4	97.5	75.8
Limit (dB)	16.8	17.0	10.1	11.2



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



Cable ID: D1-12

Test Summary: PASS

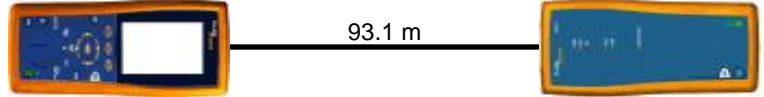
Date / Time: 08/27/2009 12:25:54pm
Headroom: 4.5 dB (NEXT 12-36)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

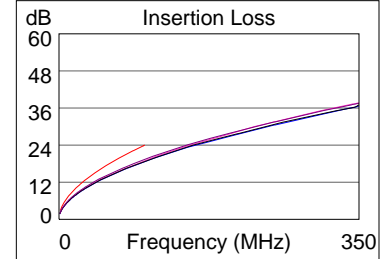
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

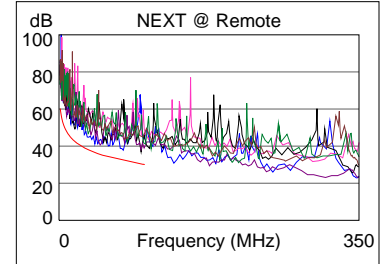
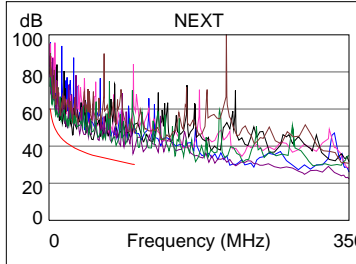
PASS



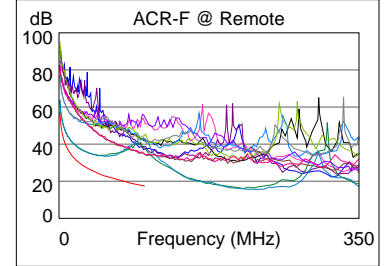
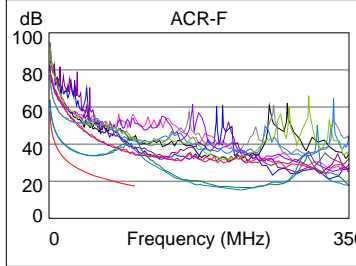
Length (m), Limit 100.0	[Pair 12]	93.1
Prop. Delay (ns), Limit 555		462
Delay Skew (ns), Limit 50		12
Resistance (ohms)	[Pair 78]	16.7
Insertion Loss Margin (dB)	[Pair 78]	4.6
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



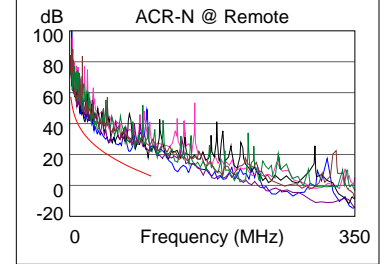
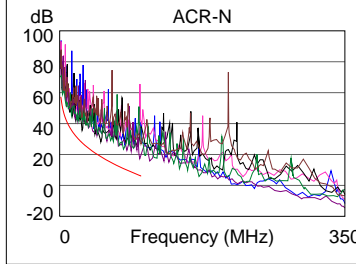
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-78	12-36	36-45	12-78
NEXT (dB)	5.3	4.5	5.4	6.5
Freq. (MHz)	27.8	41.8	98.8	95.8
Limit (dB)	39.6	36.6	30.2	30.4
Worst Pair	36	36	36	36
PS NEXT (dB)	7.1	4.7	8.3	8.8
Freq. (MHz)	3.3	47.5	98.8	99.5
Limit (dB)	52.0	32.6	27.2	27.1



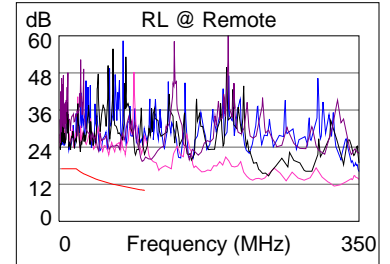
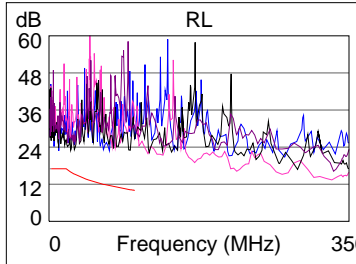
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	36-45	45-36
ACR-F (dB)	6.3	6.3	10.6	10.5
Freq. (MHz)	1.6	1.6	52.5	54.0
Limit (dB)	53.2	53.2	23.0	22.8
Worst Pair	36	45	36	36
PS ACR-F (dB)	9.2	9.1	17.2	17.6
Freq. (MHz)	2.0	1.6	99.8	99.3
Limit (dB)	48.4	50.2	14.4	14.5



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-78	12-36	36-45	12-78
ACR-N (dB)	7.5	7.5	10.7	11.0
Freq. (MHz)	27.8	41.8	98.8	96.0
Limit (dB)	27.5	21.6	6.3	6.9
Worst Pair	36	36	36	36
PS ACR-N (dB)	7.9	7.9	13.3	13.7
Freq. (MHz)	3.3	47.5	98.8	99.5
Limit (dB)	48.0	16.6	3.3	3.2



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	12	78
RL (dB)	5.6	5.6	9.4	9.1
Freq. (MHz)	11.5	11.8	64.3	97.8
Limit (dB)	17.0	17.0	11.9	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: D1-11

Test Summary: PASS

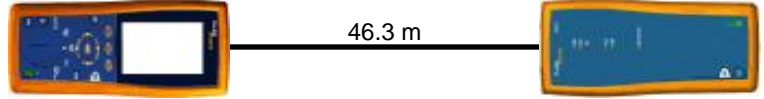
Date / Time: 08/21/2009 11:03:45am
Headroom: 3.9 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

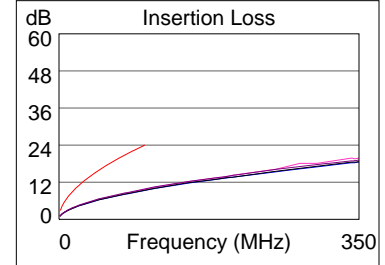
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

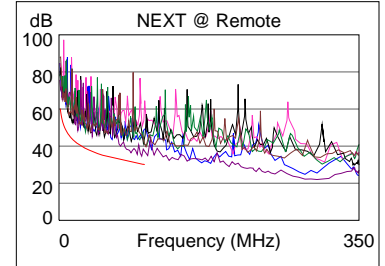
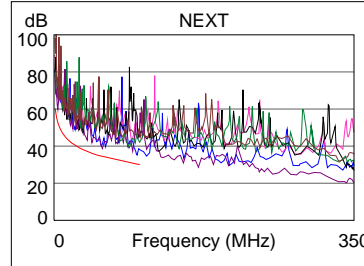
PASS



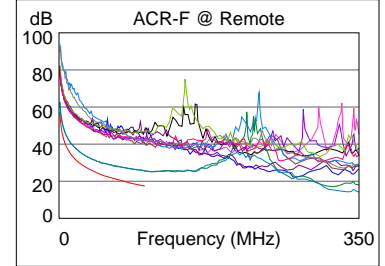
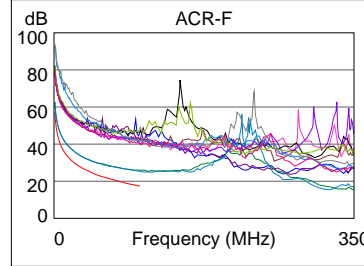
Length (m), Limit 100.0	[Pair 12]	46.3
Prop. Delay (ns), Limit 555		231
Delay Skew (ns), Limit 50		7
Resistance (ohms)	[Pair 12]	8.3
Insertion Loss Margin (dB)	[Pair 78]	14.2
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



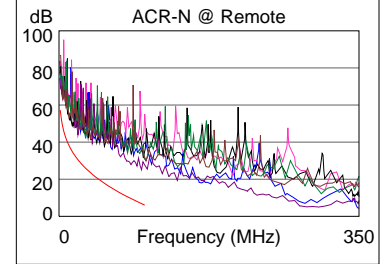
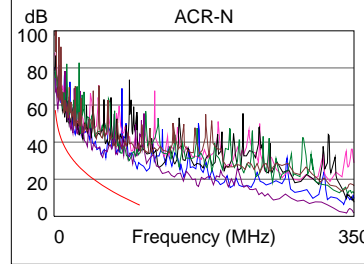
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	12-36	36-45
NEXT (dB)	4.4	3.9	4.8	3.9
Freq. (MHz)	56.3	96.3	96.8	96.3
Limit (dB)	34.4	30.4	30.3	30.4
Worst Pair	36	36	36	36
PS NEXT (dB)	5.1	6.4	6.7	6.4
Freq. (MHz)	56.0	96.3	96.5	96.3
Limit (dB)	31.4	27.4	27.3	27.4



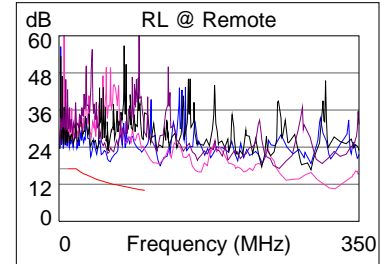
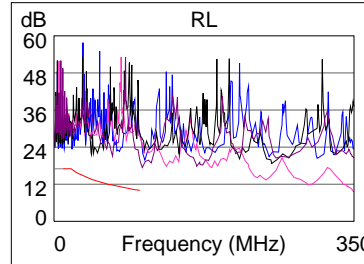
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	45-36	36-45
ACR-F (dB)	5.2	5.2	7.7	8.0
Freq. (MHz)	2.1	2.0	99.5	99.5
Limit (dB)	50.9	51.4	17.4	17.4
Worst Pair	36	36	36	45
PS ACR-F (dB)	8.0	8.0	10.6	10.5
Freq. (MHz)	2.0	2.1	99.5	99.5
Limit (dB)	48.4	47.9	14.4	14.4



	Worst Case Margin		Worst Case Value	
N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	12-36	36-45
ACR-N (dB)	9.8	12.5	18.9	18.3
Freq. (MHz)	4.3	1.6	96.8	96.3
Limit (dB)	48.5	56.9	6.7	6.8
Worst Pair	36	36	36	36
PS ACR-N (dB)	11.7	13.7	20.7	20.5
Freq. (MHz)	4.0	1.6	96.5	96.3
Limit (dB)	46.1	53.9	3.8	3.8



	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	12	12	78	12
RL (dB)	6.4	6.5	10.0	6.8
Freq. (MHz)	12.0	21.1	100.0	57.3
Limit (dB)	17.0	16.8	10.0	12.4



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



Cable ID: D1-10

Test Summary: PASS

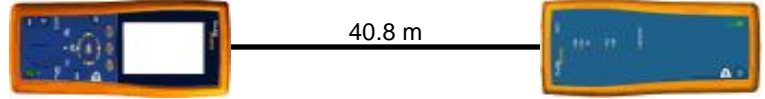
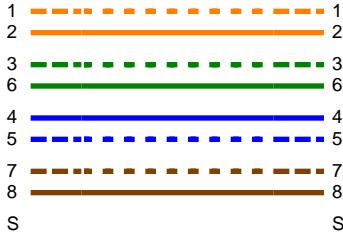
Date / Time: 08/24/2009 04:20:33pm
Headroom: 3.9 dB (NEXT 36-78)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

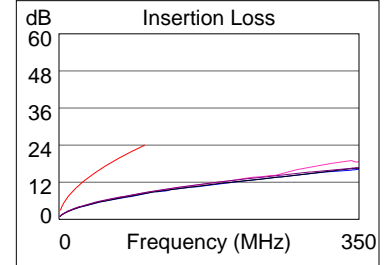
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

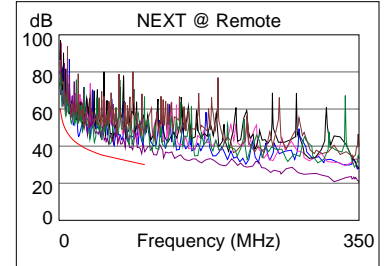
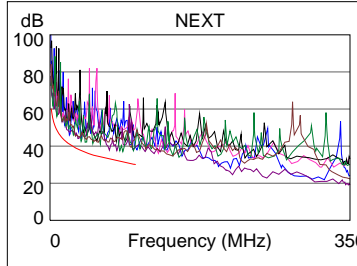
PASS



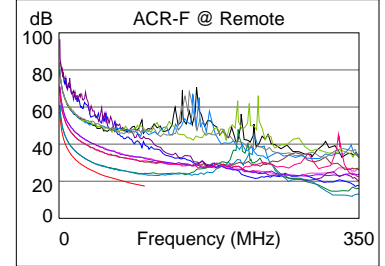
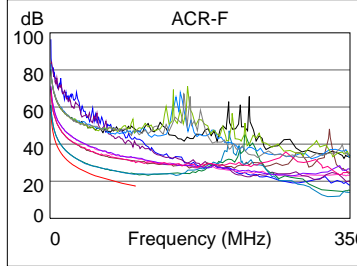
Length (m), Limit 100.0	[Pair 12]	40.8
Prop. Delay (ns), Limit 555		203
Delay Skew (ns), Limit 50		6
Resistance (ohms)	[Pair 12]	7.3
Insertion Loss Margin (dB)	[Pair 36]	15.4
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



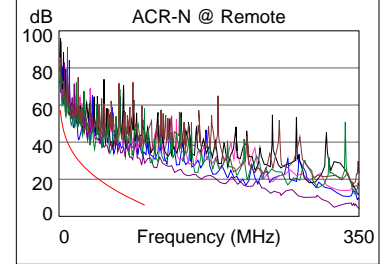
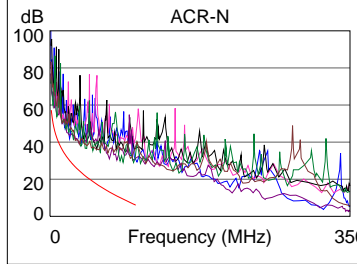
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-78	12-36	36-45	36-45
NEXT (dB)	3.9	4.0	6.5	5.5
Freq. (MHz)	41.8	22.9	99.5	96.3
Limit (dB)	36.6	41.0	30.1	30.4
Worst Pair	36	36	36	36
PS NEXT (dB)	4.6	6.1	6.7	7.3
Freq. (MHz)	36.3	41.8	99.3	96.5
Limit (dB)	34.6	33.6	27.1	27.3



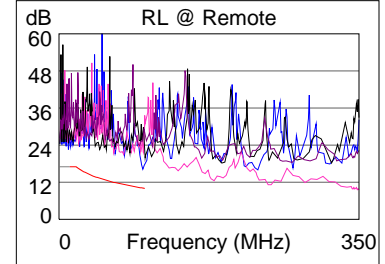
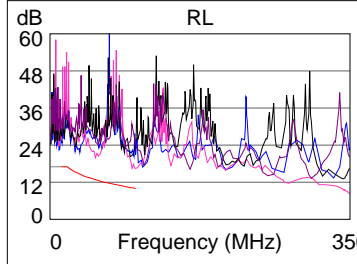
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	45-36	45-36
ACR-F (dB)	3.6	3.6	6.0	6.1
Freq. (MHz)	2.0	1.3	97.8	99.8
Limit (dB)	51.4	55.5	17.6	17.4
Worst Pair	36	36	36	36
PS ACR-F (dB)	6.0	6.0	8.1	8.5
Freq. (MHz)	1.8	2.0	95.0	99.8
Limit (dB)	49.5	48.4	14.8	14.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-78	36-78	36-45	36-45
ACR-N (dB)	9.5	10.0	22.1	21.0
Freq. (MHz)	3.4	3.4	99.5	96.3
Limit (dB)	50.7	50.7	6.2	6.8
Worst Pair	36	36	36	36
PS ACR-N (dB)	11.1	11.3	22.0	22.4
Freq. (MHz)	2.8	3.4	99.3	96.5
Limit (dB)	49.5	47.7	3.2	3.8



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36	12	36	12
RL (dB)	5.8	6.0	5.8	6.0
Freq. (MHz)	98.8	97.5	98.8	97.5
Limit (dB)	10.1	10.1	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: D1-09

Test Summary: PASS

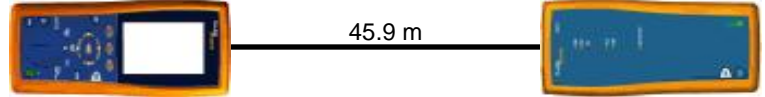
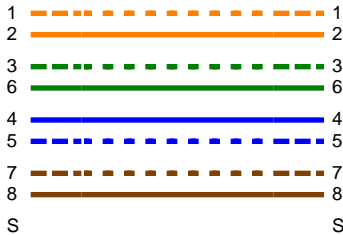
Date / Time: 08/21/2009 10:50:23am
Headroom: 6.0 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

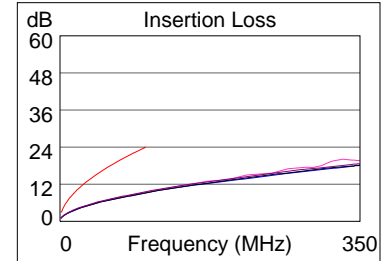
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

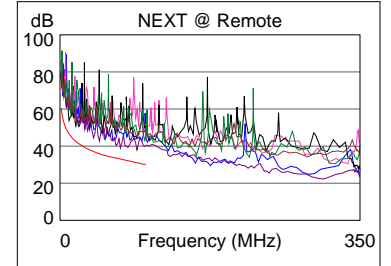
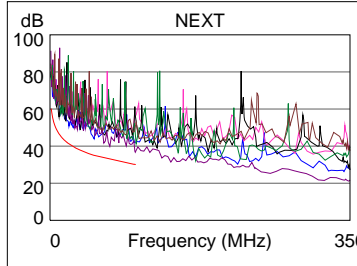
PASS



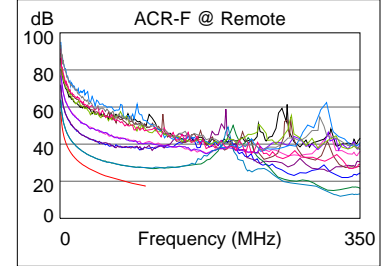
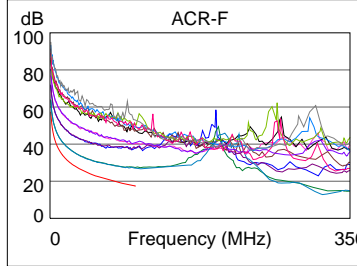
Length (m), Limit 100.0	[Pair 12]	45.9
Prop. Delay (ns), Limit 555		229
Delay Skew (ns), Limit 50		7
Resistance (ohms)	[Pair 12]	8.5
Insertion Loss Margin (dB)	[Pair 78]	14.4
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



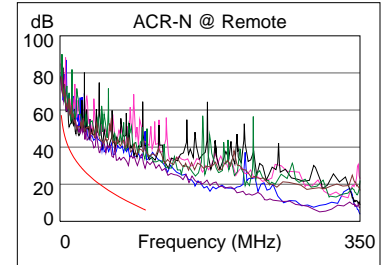
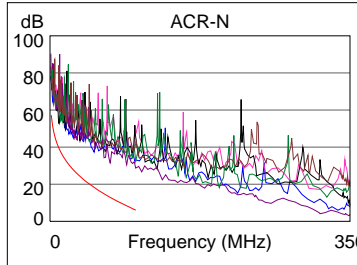
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	6.4	6.0	6.6	7.5
Freq. (MHz)	70.3	70.3	99.5	99.5
Limit (dB)	32.7	32.7	30.1	30.1
Worst Pair	36	36	36	36
PS NEXT (dB)	7.7	8.4	7.7	9.2
Freq. (MHz)	99.5	70.3	99.5	99.5
Limit (dB)	27.1	29.7	27.1	27.1



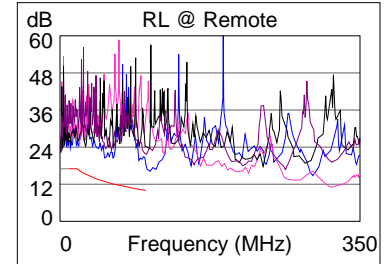
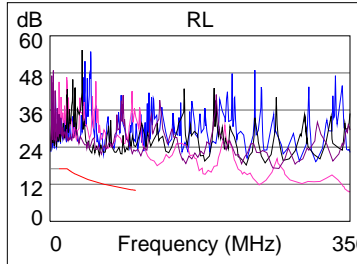
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	45-36	45-36
ACR-F (dB)	6.1	6.1	9.5	9.7
Freq. (MHz)	1.3	1.6	98.0	100.0
Limit (dB)	55.5	53.2	17.6	17.4
Worst Pair	36	36	36	45
PS ACR-F (dB)	8.5	8.5	12.2	12.3
Freq. (MHz)	2.3	1.3	98.8	98.0
Limit (dB)	47.4	52.5	14.5	14.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-78	36-45	36-45
ACR-N (dB)	12.5	11.6	21.3	22.2
Freq. (MHz)	3.3	10.5	99.5	99.5
Limit (dB)	51.0	39.4	6.2	6.2
Worst Pair	36	78	36	36
PS ACR-N (dB)	15.0	14.4	22.2	23.7
Freq. (MHz)	3.3	10.5	99.5	99.5
Limit (dB)	48.0	36.4	3.2	3.2



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	12	45	12
RL (dB)	8.2	6.8	8.7	8.6
Freq. (MHz)	12.3	12.0	57.8	100.0
Limit (dB)	17.0	17.0	12.4	10.0



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



Cable ID: D1-07

Test Summary: FAIL

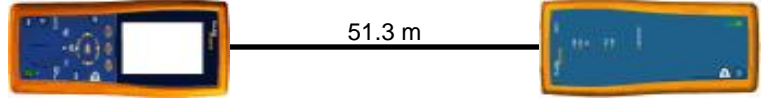
Date / Time: 08/21/2009 08:57:36am
 Headroom: **-20.3 dB (NEXT 36-45)**
 Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

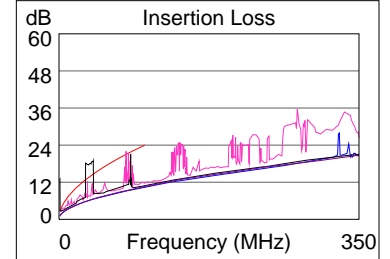
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

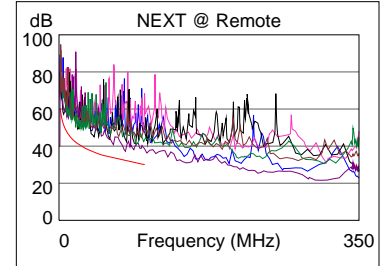
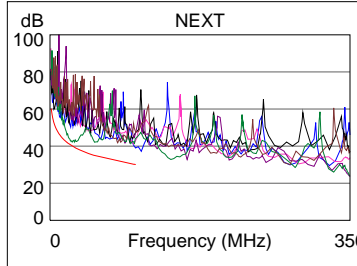
PASS



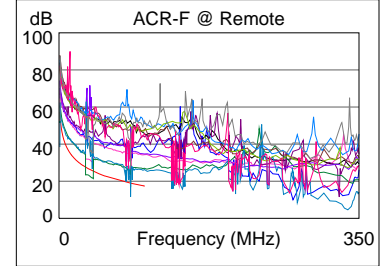
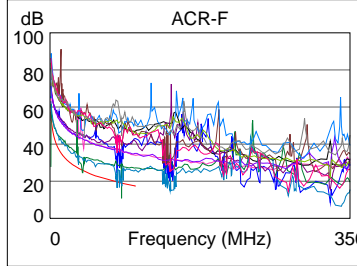
Length (m), Limit 100.0	[Pair 12]	51.3
Prop. Delay (ns), Limit 555		253
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 45]	45.3
Insertion Loss Margin (dB)	[Pair 45]	-10.3 F
Frequency (MHz)	[Pair 45]	1.1
Limit (dB)	[Pair 45]	3.0



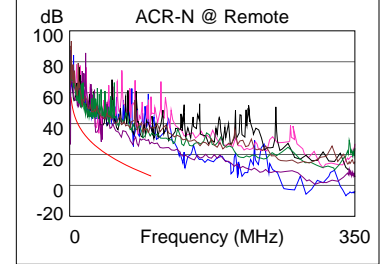
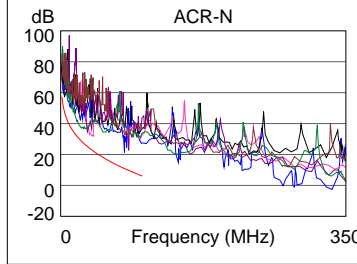
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	36-78	36-45	12-36	36-45
NEXT (dB)	2.0	-20.3 F	8.7	5.2
Freq. (MHz)	26.0	1.0	100.0	77.5
Limit (dB)	40.1	60.0	30.1	32.0
Worst Pair	36	36	12	36
PS NEXT (dB)	4.3	-17.3 F	9.6	9.1
Freq. (MHz)	24.1	1.0	97.8	98.5
Limit (dB)	37.6	57.0	27.2	27.2



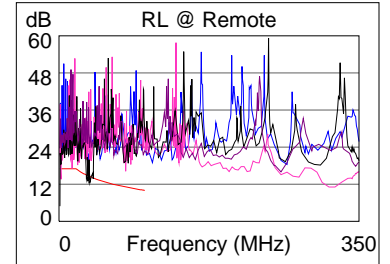
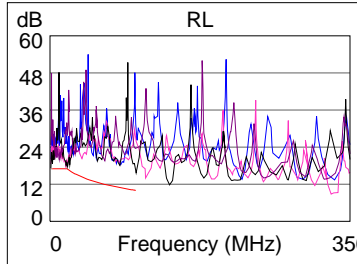
	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	-29.7 F	-19.0 F	-8.2	-7.4
Freq. (MHz)	1.0	1.0	83.5	83.5
Limit (dB)	57.4	57.4	19.0	19.0
Worst Pair	45	36	45	36
PS ACR-F (dB)	-26.7 F	-26.7 F	-5.2	-5.2
Freq. (MHz)	1.0	1.0	83.5	83.5
Limit (dB)	54.4	54.4	16.0	16.0



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-36	36-45	12-36	12-36
ACR-N (dB)	7.9	-30.6	10.4	14.3
Freq. (MHz)	3.0	1.0	78.3	78.3
Limit (dB)	51.7	57.0	10.9	10.9
Worst Pair	36	45	36	36
PS ACR-N (dB)	7.5	-27.6	10.3	8.2
Freq. (MHz)	25.1	1.0	78.3	78.3
Limit (dB)	25.8	54.0	7.9	7.9



	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	45	45	45	45
RL (dB)	0.2*	-12.1 F	6.1	-12.1
Freq. (MHz)	1.0	1.0	100.0	1.0
Limit (dB)	17.0	17.0	10.0	17.0



* Measurement is within the accuracy limits of the instrument.



Cable ID: D1-06

Test Summary: PASS

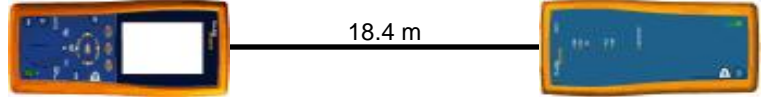
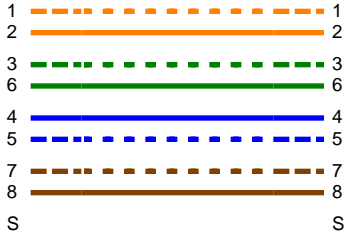
Date / Time: 08/21/2009 10:46:25am
Headroom: 4.3 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

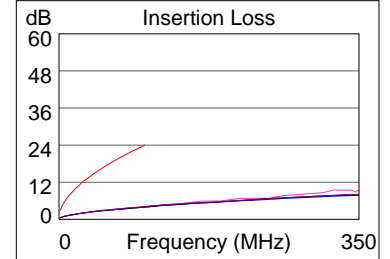
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

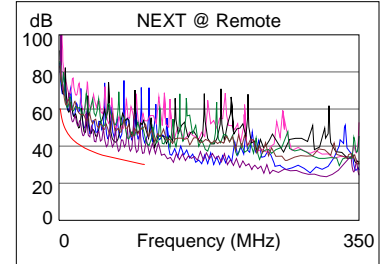
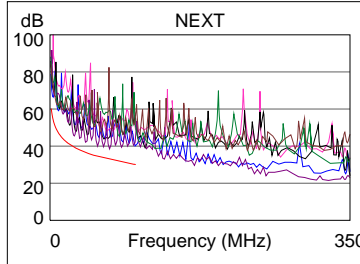
PASS



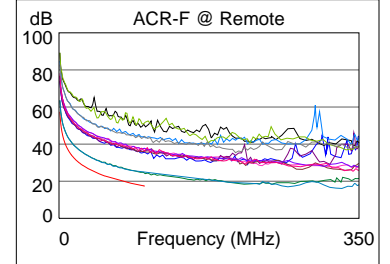
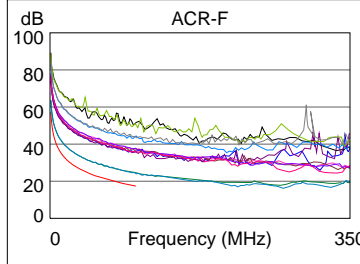
Length (m), Limit 100.0	[Pair 12]	18.4
Prop. Delay (ns), Limit 555		91
Delay Skew (ns), Limit 50		2
Resistance (ohms)	[Pair 12]	3.8
Insertion Loss Margin (dB)	[Pair 36]	19.9
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



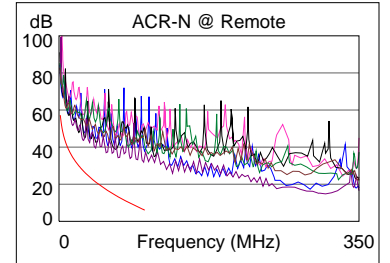
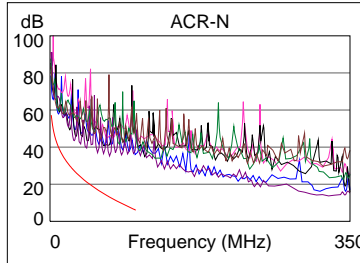
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	5.3	4.3	5.7	5.5
Freq. (MHz)	41.8	69.8	69.3	98.0
Limit (dB)	36.6	32.8	32.8	30.2
Worst Pair	36	36	36	36
PS NEXT (dB)	7.5	6.9	9.2	7.7
Freq. (MHz)	55.5	69.8	83.8	98.5
Limit (dB)	31.5	29.8	28.4	27.2



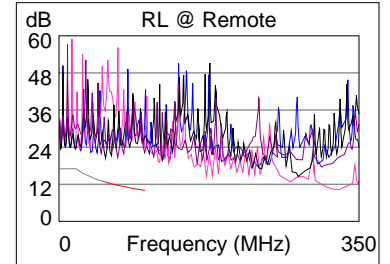
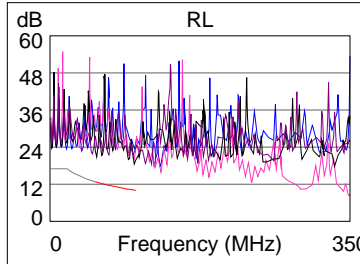
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	45-36	36-45
ACR-F (dB)	6.0	6.1	6.9	6.9
Freq. (MHz)	1.1	1.1	100.0	100.0
Limit (dB)	56.4	56.4	17.4	17.4
Worst Pair	36	36	36	36
PS ACR-F (dB)	8.6	8.4	9.3	9.5
Freq. (MHz)	1.0	1.1	100.0	99.5
Limit (dB)	54.4	53.4	14.4	14.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-36	36-45	36-45	36-45
ACR-N (dB)	14.1	16.3	22.0	25.2
Freq. (MHz)	2.5	27.9	69.3	98.0
Limit (dB)	53.4	27.4	13.2	6.5
Worst Pair	12	36	36	36
PS ACR-N (dB)	15.9	17.9	30.3	27.4
Freq. (MHz)	2.6	28.1	98.8	98.5
Limit (dB)	49.9	24.3	3.3	3.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45	45	45	78
RL (dB)	8.3	8.7	8.3	9.0
Freq. (MHz)	98.5	55.3	98.5	68.3
Limit (dB)	10.1	12.6	10.1	11.7



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



Cable ID: D1-05

Test Summary: PASS

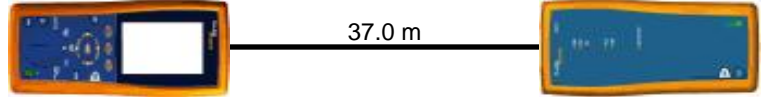
Date / Time: 08/21/2009 10:43:12am
Headroom: 3.4 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

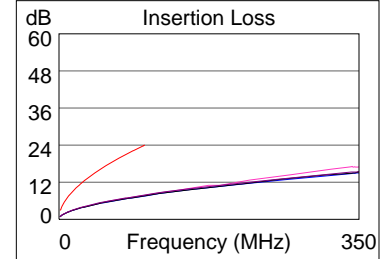
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

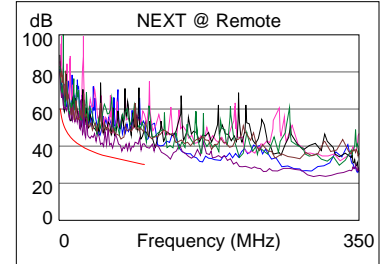
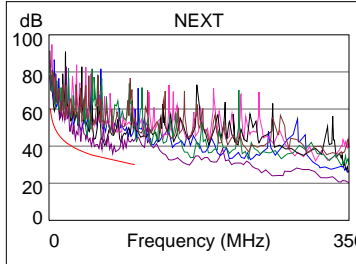
PASS



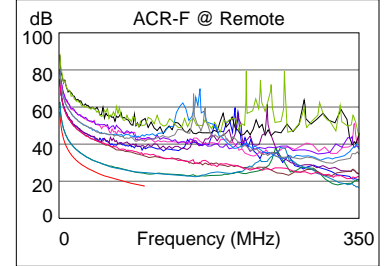
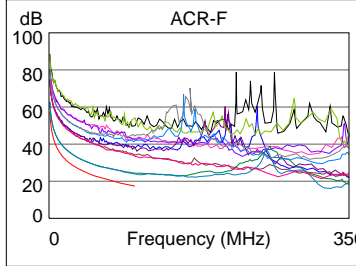
Length (m), Limit 100.0	[Pair 12]	37.0
Prop. Delay (ns), Limit 555		184
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 12]	6.9
Insertion Loss Margin (dB)	[Pair 36]	16.2
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



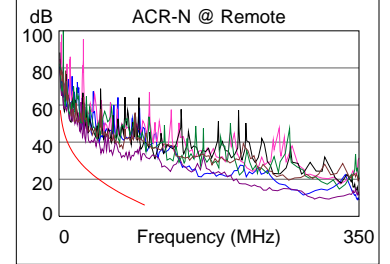
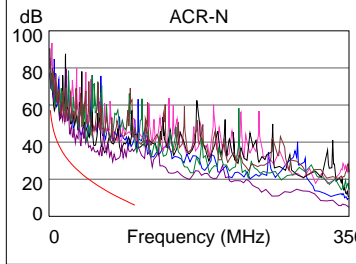
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	3.4	3.6	3.4	4.3
Freq. (MHz)	73.8	49.3	74.0	73.8
Limit (dB)	32.4	35.4	32.3	32.4
Worst Pair	36	36	36	45
PS NEXT (dB)	6.0	6.0	6.0	6.7
Freq. (MHz)	73.8	49.3	74.0	73.8
Limit (dB)	29.4	32.4	29.3	29.4



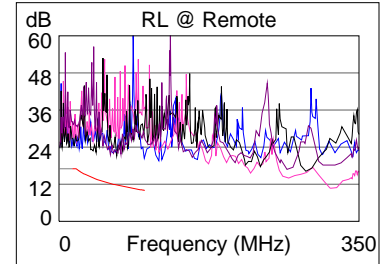
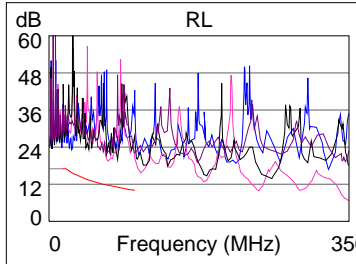
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	45-36	45-36
ACR-F (dB)	4.9	4.9	6.5	6.6
Freq. (MHz)	2.3	2.3	99.0	99.0
Limit (dB)	50.4	50.4	17.5	17.5
Worst Pair	36	36	36	36
PS ACR-F (dB)	7.5	7.4	8.9	9.2
Freq. (MHz)	2.1	2.3	99.3	98.3
Limit (dB)	47.9	47.4	14.5	14.6



	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)	12.0	11.5	17.2	18.2
Freq. (MHz)	6.1	5.9	74.0	73.8
Limit (dB)	45.0	45.4	12.0	12.0
Worst Pair	78	78	36	45
PS ACR-N (dB)	14.0	13.3	19.7	20.6
Freq. (MHz)	6.1	6.3	74.0	73.8
Limit (dB)	42.0	41.8	9.0	9.0



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	36	12
RL (dB)	7.2	7.1	7.8	10.2
Freq. (MHz)	23.8	23.8	68.5	99.8
Limit (dB)	16.3	16.3	11.7	10.0



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



Cable ID: D1-04

Test Summary: PASS

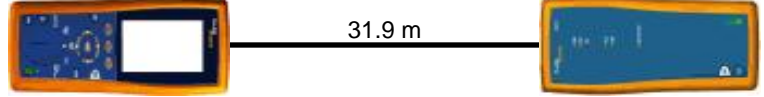
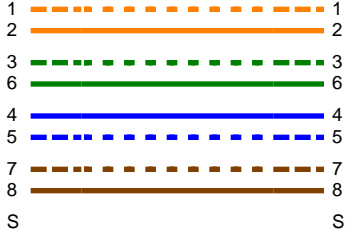
Date / Time: 08/21/2009 10:28:27am
 Headroom: 5.4 dB (NEXT 12-78)
 Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

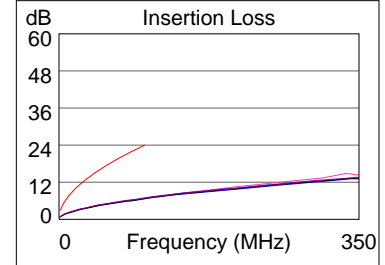
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

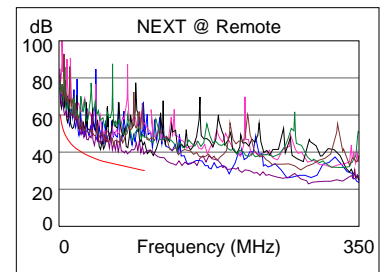
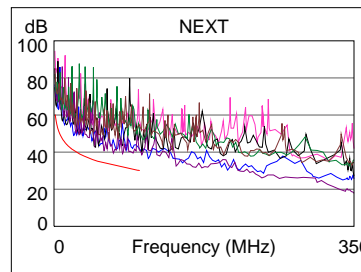
PASS



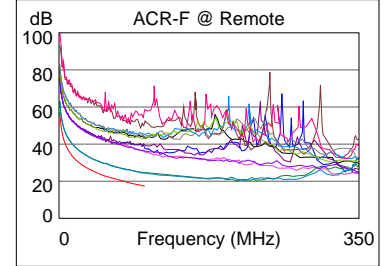
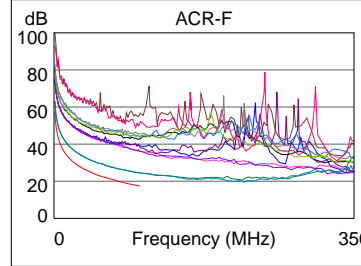
Length (m), Limit 100.0	[Pair 12]	31.9
Prop. Delay (ns), Limit 555		157
Delay Skew (ns), Limit 50		3
Resistance (ohms)	[Pair 12]	5.9
Insertion Loss Margin (dB)	[Pair 36]	17.1
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



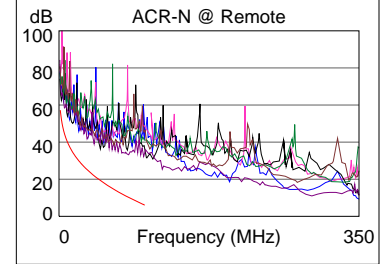
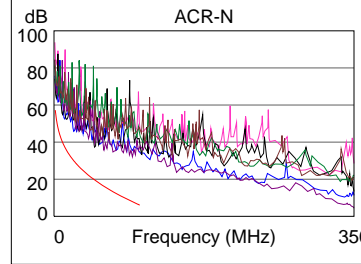
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-78	12-78	36-45	36-45
NEXT (dB)	5.9	5.4	7.7	6.7
Freq. (MHz)	47.8	47.8	91.5	80.5
Limit (dB)	35.6	35.6	30.7	31.7
Worst Pair	12	12	36	36
PS NEXT (dB)	8.5	7.5	9.2	9.5
Freq. (MHz)	47.8	52.3	91.5	80.5
Limit (dB)	32.6	31.9	27.7	28.7



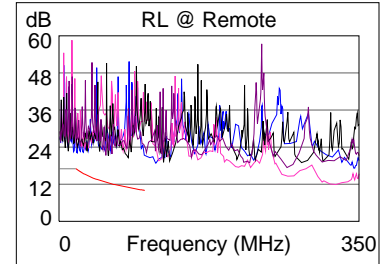
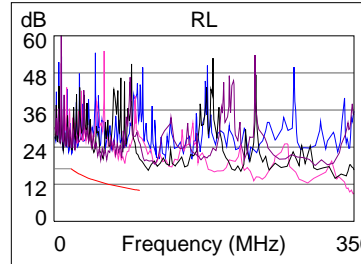
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	45-36	45-36
ACR-F (dB)	5.6	5.6	6.7	6.7
Freq. (MHz)	2.3	2.3	98.3	98.3
Limit (dB)	50.4	50.4	17.6	17.6
Worst Pair	36	36	36	45
PS ACR-F (dB)	8.4	8.3	9.6	9.5
Freq. (MHz)	2.0	2.3	98.3	99.3
Limit (dB)	48.4	47.4	14.6	14.5



	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)	9.9	9.4	24.2	26.0
Freq. (MHz)	2.1	2.1	91.5	98.8
Limit (dB)	54.8	54.8	7.9	6.3
Worst Pair	12	78	36	36
PS ACR-N (dB)	11.3	11.3	25.5	28.4
Freq. (MHz)	1.8	2.0	91.5	98.8
Limit (dB)	53.4	52.3	4.9	3.3



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	36	45
RL (dB)	6.1	5.7	8.0	9.2
Freq. (MHz)	21.5	21.5	82.5	80.3
Limit (dB)	16.7	16.7	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: D1-03

Test Summary: FAIL

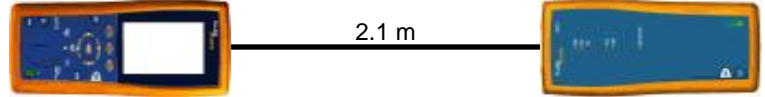
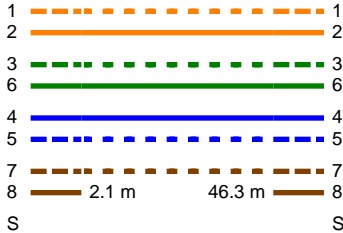
Date / Time: 08/21/2009 11:00:44am
 Headroom: -1.5 dB (NEXT 45-78)
 Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

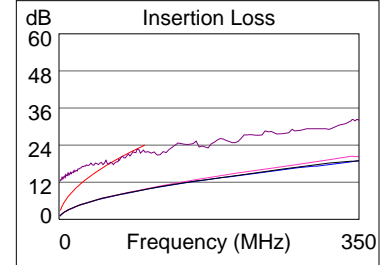
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

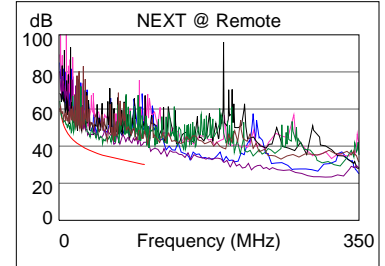
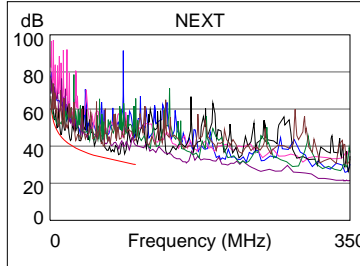
FAIL



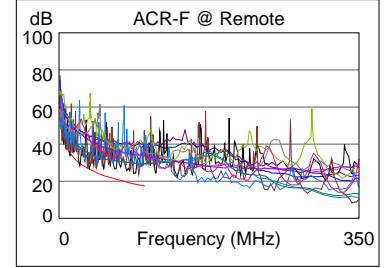
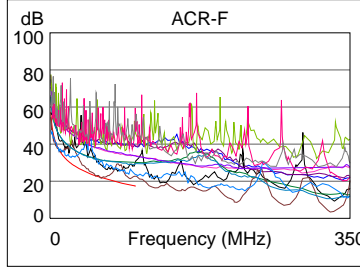
Length (m), Limit 100.0	[Pair 78]	2.1
Prop. Delay (ns), Limit 555		231
Delay Skew (ns), Limit 50		221 F
Resistance (ohms)	[Pair 78]	Open
Insertion Loss Margin (dB)	[Pair 78]	-9.9 F
Frequency (MHz)	[Pair 78]	1.3
Limit (dB)	[Pair 78]	3.0



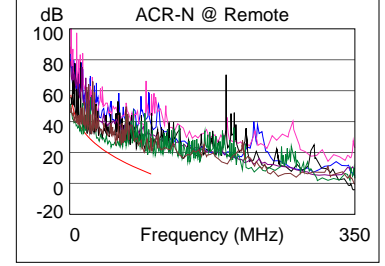
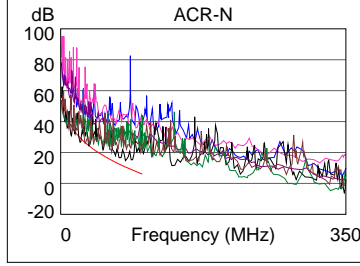
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	12-78	45-78	12-78	36-45
NEXT (dB)	0.6	-1.5 F	3.3	9.1
Freq. (MHz)	12.9	1.0	79.8	92.5
Limit (dB)	45.2	60.0	31.8	30.7
Worst Pair	78	78	78	36
PS NEXT (dB)	1.6	0.0*	5.6	10.0
Freq. (MHz)	1.9	1.5	79.8	95.8
Limit (dB)	55.9	57.0	28.8	27.4



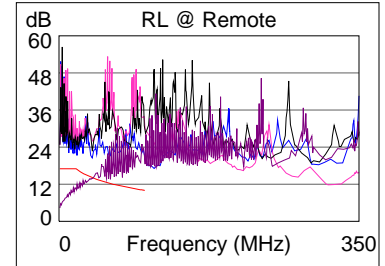
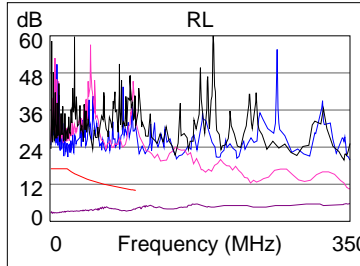
	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	45-78	36-78	36-78	36-78
ACR-F (dB)	-10.4 F	-8.7 F	3.0	5.7
Freq. (MHz)	1.1	1.1	94.0	93.0
Limit (dB)	56.4	56.4	17.9	18.0
Worst Pair	78	45	78	36
PS ACR-F (dB)	-8.4 F	-7.5 F	3.9	5.3
Freq. (MHz)	1.1	1.1	91.5	94.0
Limit (dB)	53.4	53.4	15.2	14.9



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	45-78	45-78	12-78	36-78
ACR-N (dB)	-8.7	-11.4	5.3	11.6
Freq. (MHz)	1.6	1.0	87.0	96.0
Limit (dB)	56.9	57.0	8.9	6.9
Worst Pair	78	78	78	78
PS ACR-N (dB)	-7.9	-9.8	7.7	12.8
Freq. (MHz)	1.8	1.3	87.0	96.0
Limit (dB)	53.4	54.0	5.9	3.9



	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	78	78	78	78
RL (dB)	-14.4 F	-12.7 F	-14.4	-12.7
Freq. (MHz)	1.0	1.0	1.0	1.0
Limit (dB)	17.0	17.0	17.0	17.0



* Measurement is within the accuracy limits of the instrument.



Cable ID: D1-02

Test Summary: PASS

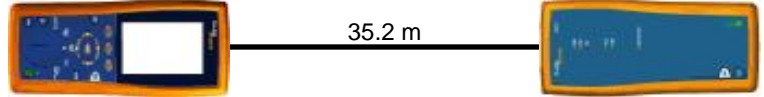
Date / Time: 08/21/2009 10:31:16am
Headroom: 4.0 dB (NEXT 12-78)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

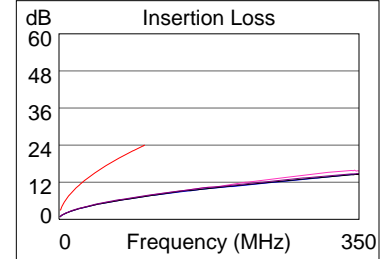
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

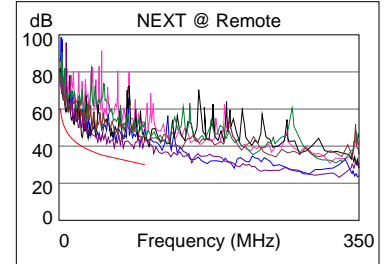
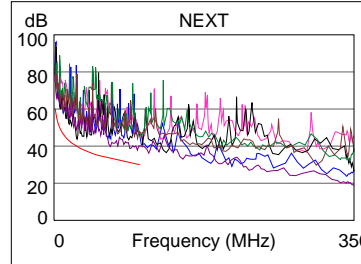
PASS



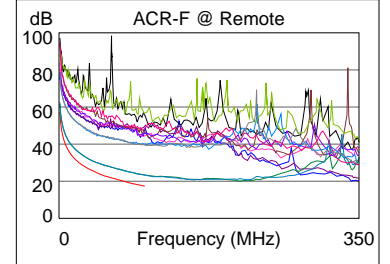
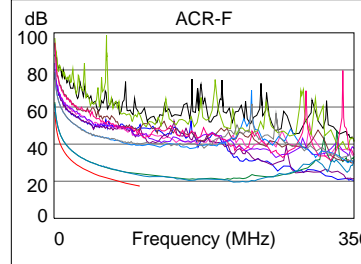
Length (m), Limit 100.0	[Pair 12]	35.2
Prop. Delay (ns), Limit 555		174
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	6.5
Insertion Loss Margin (dB)	[Pair 78]	16.4
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



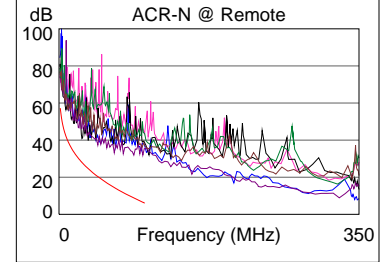
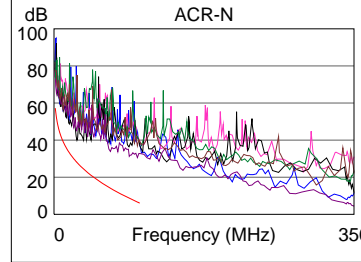
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-78	12-78	36-45	36-45
NEXT (dB)	4.0	4.6	7.1	6.9
Freq. (MHz)	26.6	27.0	97.8	87.8
Limit (dB)	39.9	39.8	30.2	31.1
Worst Pair	12	36	45	36
PS NEXT (dB)	6.9	7.3	9.1	9.1
Freq. (MHz)	26.6	49.0	97.8	87.8
Limit (dB)	36.9	32.4	27.2	28.1



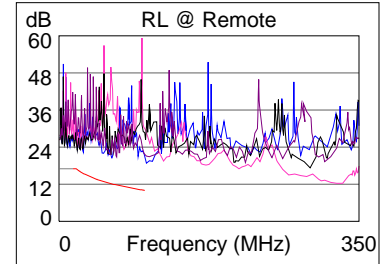
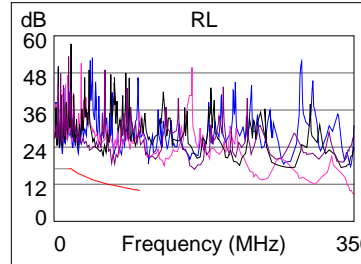
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	45-36	45-36
ACR-F (dB)	4.2	4.2	5.8	5.9
Freq. (MHz)	1.0	1.0	98.5	99.5
Limit (dB)	57.4	57.4	17.5	17.4
Worst Pair	36	45	36	45
PS ACR-F (dB)	7.0	7.1	8.8	8.7
Freq. (MHz)	1.0	1.0	98.5	98.5
Limit (dB)	54.4	54.4	14.5	14.5



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	12-78	36-45	36-45
ACR-N (dB)	11.6	12.7	23.6	22.5
Freq. (MHz)	2.8	27.0	97.8	87.8
Limit (dB)	52.5	27.9	6.5	8.7
Worst Pair	45	45	45	36
PS ACR-N (dB)	13.6	15.1	25.6	25.8
Freq. (MHz)	2.8	1.9	97.8	94.8
Limit (dB)	49.5	52.8	3.5	4.2



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	45	78	12
RL (dB)	6.4	6.2	7.1	10.1
Freq. (MHz)	28.3	21.1	70.5	92.8
Limit (dB)	15.5	16.8	11.5	10.3



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



Cable ID: D1-01

Test Summary: PASS

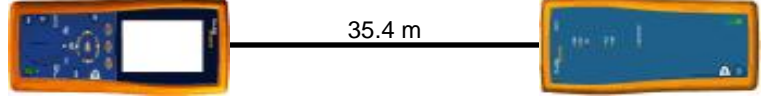
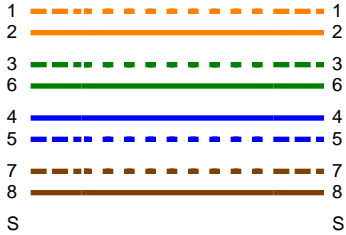
Date / Time: 08/21/2009 10:30:35am
Headroom: 4.5 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

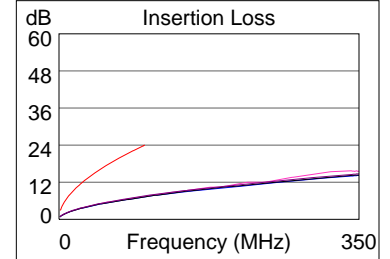
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

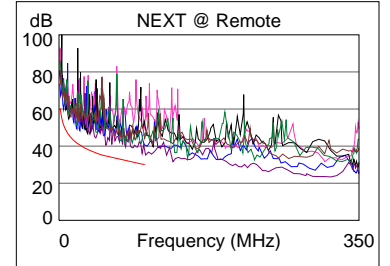
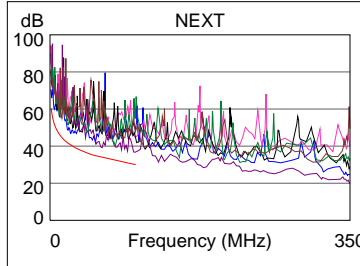
PASS



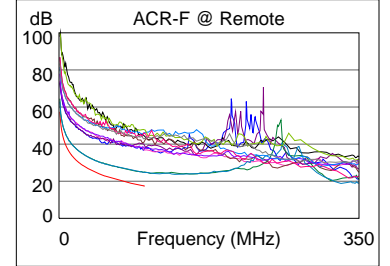
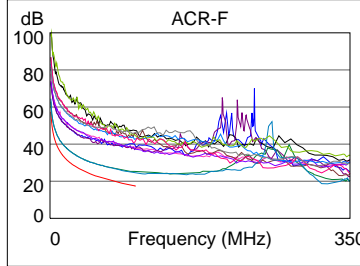
Length (m), Limit 100.0	[Pair 12]	35.4
Prop. Delay (ns), Limit 555		175
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 78]	6.6
Insertion Loss Margin (dB)	[Pair 36]	16.5
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



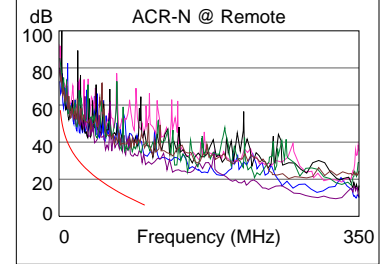
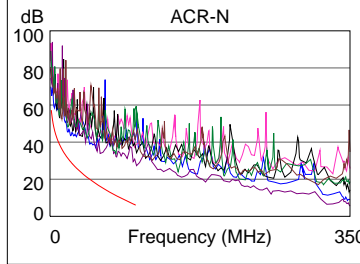
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	4.5	5.0	4.5	5.0
Freq. (MHz)	100.0	100.0	100.0	100.0
Limit (dB)	30.1	30.1	30.1	30.1
Worst Pair	36	36	45	36
PS NEXT (dB)	6.6	6.8	6.8	6.8
Freq. (MHz)	54.0	100.0	100.0	100.0
Limit (dB)	31.7	27.1	27.1	27.1



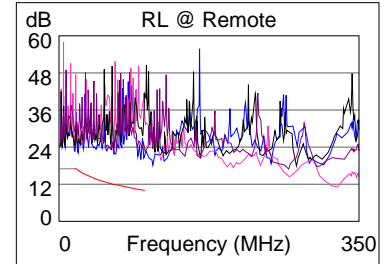
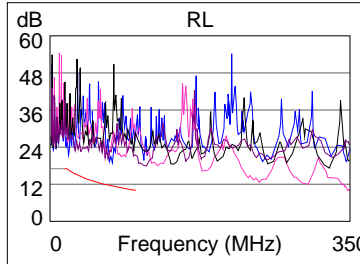
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	45-36	45-36	45-36
ACR-F (dB)	5.1	5.1	7.0	7.3
Freq. (MHz)	2.0	2.0	97.8	99.8
Limit (dB)	51.4	51.4	17.6	17.4
Worst Pair	36	36	36	45
PS ACR-F (dB)	7.9	7.8	9.8	9.7
Freq. (MHz)	2.0	2.0	97.8	97.8
Limit (dB)	48.4	48.4	14.6	14.6



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-36	12-36	36-45	36-45
ACR-N (dB)	8.8	10.2	21.3	21.8
Freq. (MHz)	1.6	1.9	100.0	100.0
Limit (dB)	56.9	55.8	6.1	6.1
Worst Pair	36	36	45	36
PS ACR-N (dB)	11.0	12.3	23.6	23.3
Freq. (MHz)	1.6	1.9	100.0	100.0
Limit (dB)	53.9	52.8	3.1	3.1



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	12	12
RL (dB)	4.7	5.4	7.5	9.8
Freq. (MHz)	21.6	18.3	72.5	95.5
Limit (dB)	16.7	17.0	11.4	10.2



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



Cable ID: CD-3

Test Summary: PASS

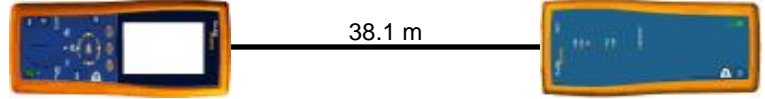
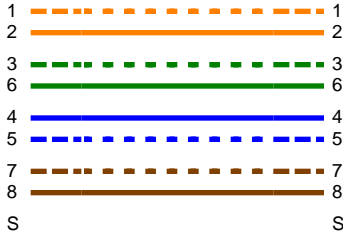
Date / Time: 08/24/2009 04:02:32pm
Headroom: 4.4 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

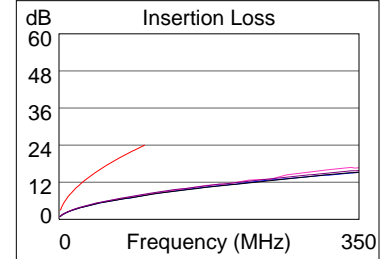
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

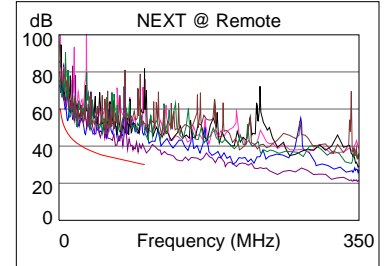
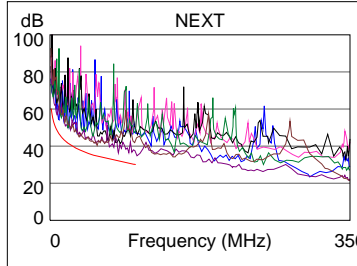
PASS



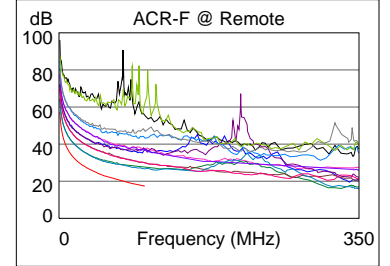
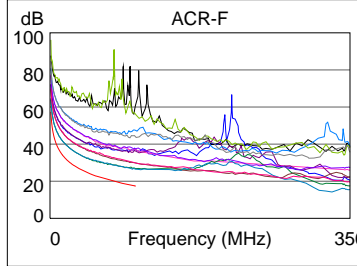
Length (m), Limit 100.0	[Pair 12]	38.1
Prop. Delay (ns), Limit 555		190
Delay Skew (ns), Limit 50		6
Resistance (ohms)	[Pair 12]	6.9
Insertion Loss Margin (dB)	[Pair 78]	15.9
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



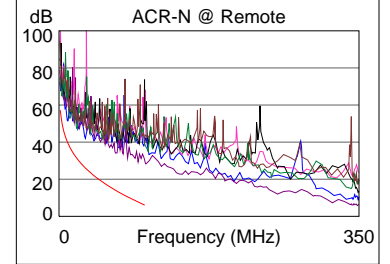
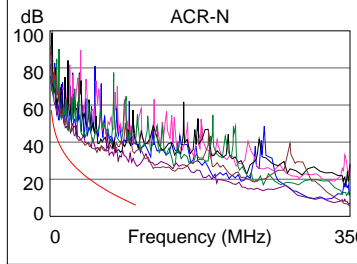
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	4.4	6.0	5.7	6.0
Freq. (MHz)	80.0	92.5	98.0	92.5
Limit (dB)	31.7	30.7	30.2	30.7
Worst Pair	45	36	45	36
PS NEXT (dB)	6.8	8.5	7.7	8.5
Freq. (MHz)	80.0	92.5	98.0	92.5
Limit (dB)	28.7	27.7	27.2	27.7



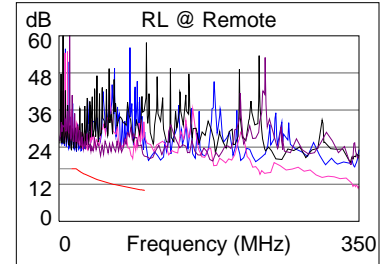
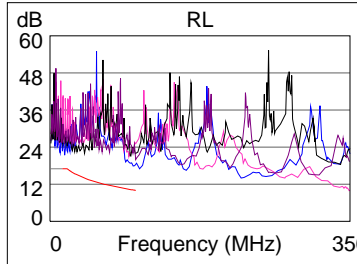
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	45-36	45-36
ACR-F (dB)	6.6	6.7	8.7	9.0
Freq. (MHz)	1.0	2.0	96.0	99.0
Limit (dB)	57.4	51.4	17.8	17.5
Worst Pair	36	36	36	36
PS ACR-F (dB)	8.1	8.0	9.9	10.2
Freq. (MHz)	1.1	1.0	96.0	99.0
Limit (dB)	53.4	54.4	14.8	14.5



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-36	12-36	36-45	36-45
ACR-N (dB)	11.5	11.2	21.8	21.6
Freq. (MHz)	10.3	9.9	98.0	92.5
Limit (dB)	39.6	40.0	6.5	7.7
Worst Pair	36	36	45	36
PS ACR-N (dB)	12.6	12.2	23.8	23.9
Freq. (MHz)	1.9	1.8	98.0	92.5
Limit (dB)	52.8	53.4	3.5	4.7



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	12	78
RL (dB)	4.4	5.7	7.7	9.9
Freq. (MHz)	17.1	20.1	96.8	100.0
Limit (dB)	17.0	17.0	10.2	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: CD-2

Test Summary: PASS

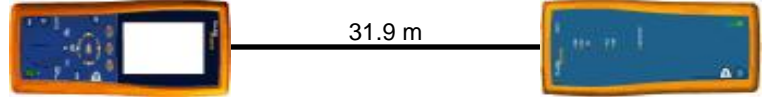
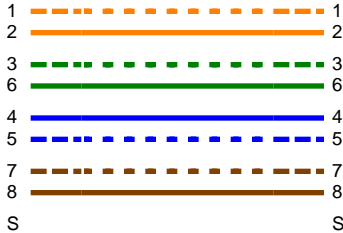
Date / Time: 08/24/2009 04:09:45pm
Headroom: 5.8 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

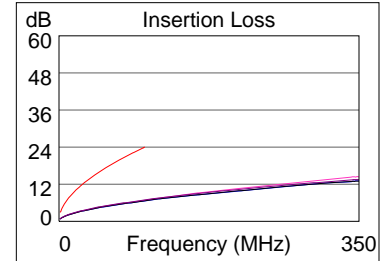
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

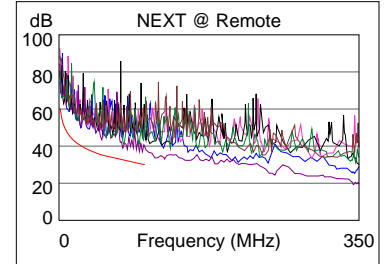
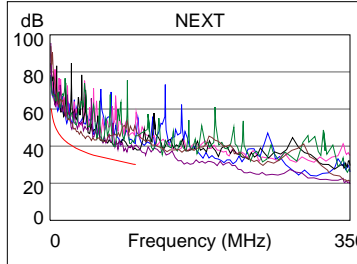
PASS



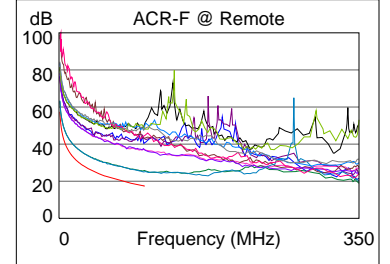
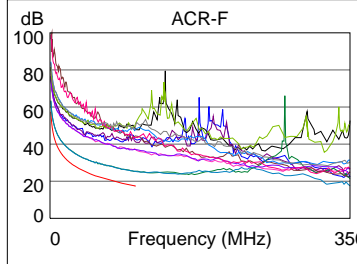
Length (m), Limit 100.0	[Pair 12]	31.9
Prop. Delay (ns), Limit 555		159
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 12]	5.9
Insertion Loss Margin (dB)	[Pair 78]	17.1
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



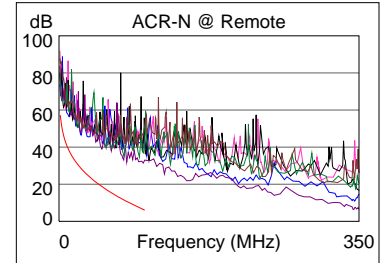
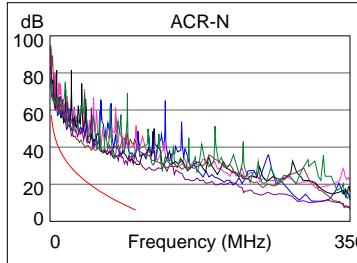
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	5.8	5.8	5.8	6.6
Freq. (MHz)	90.0	79.3	90.0	97.5
Limit (dB)	30.9	31.8	30.9	30.3
Worst Pair	36	36	36	36
PS NEXT (dB)	7.0	6.9	7.9	7.8
Freq. (MHz)	75.3	74.8	97.3	93.8
Limit (dB)	29.2	29.3	27.3	27.6



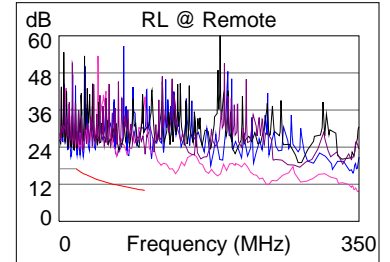
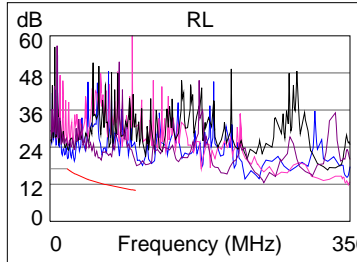
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	36-45	45-36
ACR-F (dB)	5.7	5.7	7.7	7.4
Freq. (MHz)	1.0	1.0	98.5	98.0
Limit (dB)	57.4	57.4	17.5	17.6
Worst Pair	36	45	36	45
PS ACR-F (dB)	8.5	8.4	10.4	10.3
Freq. (MHz)	1.0	1.0	98.0	98.0
Limit (dB)	54.4	54.4	14.6	14.6



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-36	12-36	36-45	36-45
ACR-N (dB)	12.6	11.9	22.3	23.8
Freq. (MHz)	2.0	1.8	90.0	97.5
Limit (dB)	55.3	56.4	8.2	6.6
Worst Pair	36	36	36	36
PS ACR-N (dB)	11.8	12.1	24.9	24.5
Freq. (MHz)	2.4	2.0	97.3	93.8
Limit (dB)	50.8	52.3	3.6	4.4



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	78	12
RL (dB)	4.0	5.3	8.5	8.9
Freq. (MHz)	28.3	24.6	100.0	80.5
Limit (dB)	15.5	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: CD-1

Test Summary: PASS

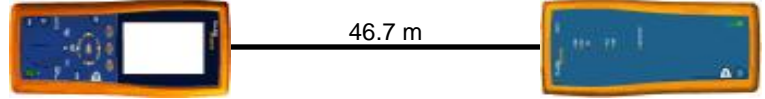
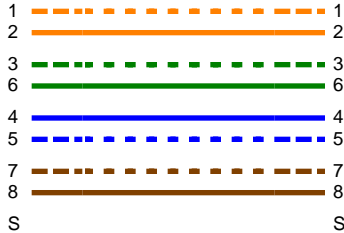
Date / Time: 08/24/2009 11:04:32am
Headroom: 2.4 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

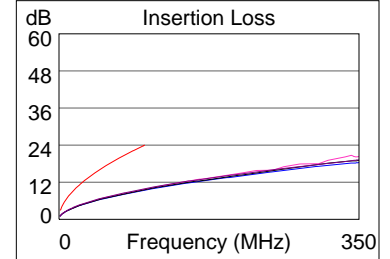
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

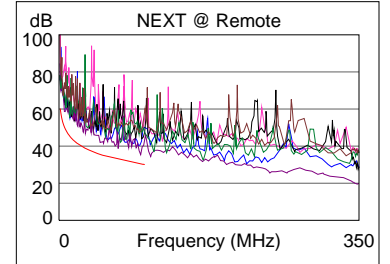
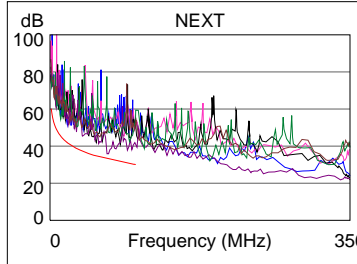
PASS



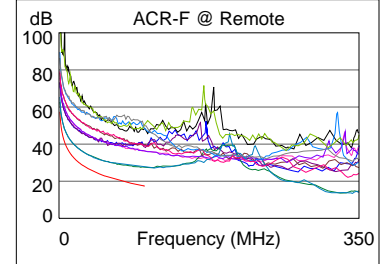
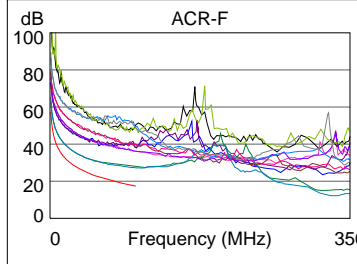
Length (m), Limit 100.0	[Pair 12]	46.7
Prop. Delay (ns), Limit 555		233
Delay Skew (ns), Limit 50		7
Resistance (ohms)	[Pair 12]	8.5
Insertion Loss Margin (dB)	[Pair 78]	14.2
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



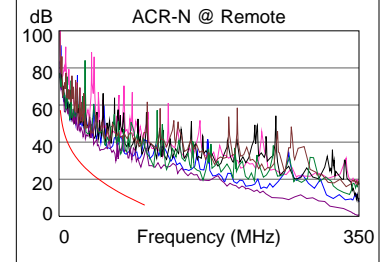
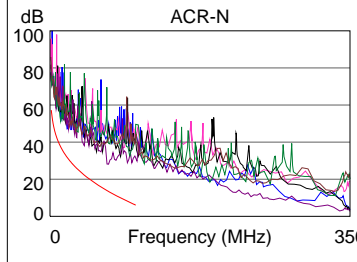
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	2.4	4.2	2.4	4.9
Freq. (MHz)	69.0	66.3	69.0	95.0
Limit (dB)	32.9	33.2	32.9	30.5
Worst Pair	36	36	36	36
PS NEXT (dB)	5.2	6.7	5.2	6.7
Freq. (MHz)	67.0	95.0	69.0	95.0
Limit (dB)	30.1	27.5	29.9	27.5



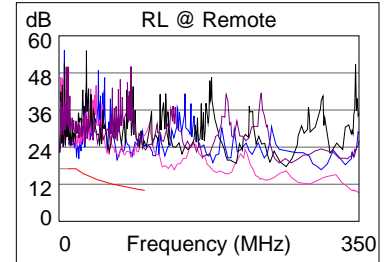
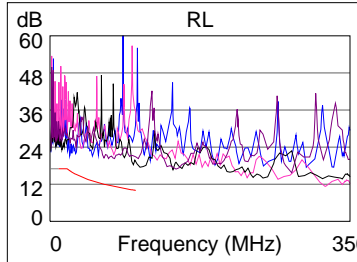
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	45-36	45-36
ACR-F (dB)	5.3	5.3	9.4	9.5
Freq. (MHz)	1.0	1.0	95.5	96.8
Limit (dB)	57.4	57.4	17.8	17.7
Worst Pair	36	45	36	45
PS ACR-F (dB)	7.8	8.1	12.2	11.9
Freq. (MHz)	1.0	1.0	100.0	95.5
Limit (dB)	54.4	54.4	14.4	14.8



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-78	36-45	36-45	36-45
ACR-N (dB)	13.8	11.7	14.3	19.1
Freq. (MHz)	12.4	6.3	69.0	95.0
Limit (dB)	37.5	44.8	13.2	7.1
Worst Pair	36	36	36	36
PS ACR-N (dB)	14.0	13.1	17.0	20.7
Freq. (MHz)	12.6	1.6	69.0	95.0
Limit (dB)	34.3	53.9	10.2	4.1



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	45	12
RL (dB)	4.3	3.8	8.0	8.2
Freq. (MHz)	23.1	20.5	97.5	67.8
Limit (dB)	16.4	16.9	10.1	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